

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133354.D
 Acq On : 11 May 2023 14:47
 Operator : CG\JU
 Sample : PB152724BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 15:31:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	227004	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	917480	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	473552	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	825096	20.000	ng	0.00
76) Chrysene-d12	13.880	240	510841	20.000	ng	0.00
86) Perylene-d12	15.292	264	423824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1896827	126.225	ng	0.02
7) Phenol-d6	6.375	99	2240020	120.095	ng	0.00
23) Nitrobenzene-d5	7.292	82	1436053	84.485	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	557786	117.121	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2251167	79.531	ng	0.00
79) Terphenyl-d14	12.827	244	2537867	85.682	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	240083	34.444	ng	97
3) Pyridine	3.140	79	623813	33.696	ng	96
4) n-Nitrosodimethylamine	3.110	42	383871	40.032	ng	100
6) Aniline	6.387	93	777460	32.363	ng	# 18
8) 2-Chlorophenol	6.510	128	706839	46.327	ng	94
9) Benzaldehyde	6.269	77	365939	44.046	ng	98
10) Phenol	6.387	94	803566	39.052	ng	76
11) bis(2-Chloroethyl)ether	6.457	93	666653	43.175	ng	99
12) 1,3-Dichlorobenzene	6.663	146	737746	45.479	ng	98
13) 1,4-Dichlorobenzene	6.739	146	746518	45.918	ng	98
14) 1,2-Dichlorobenzene	6.892	146	727614	48.545	ng	98
15) Benzyl Alcohol	6.875	79	569811	44.226	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1042452	38.870	ng	89
17) 2-Methylphenol	6.992	107	571807	40.928	ng	96
18) Hexachloroethane	7.234	117	259884	45.979	ng	99
19) n-Nitroso-di-n-propyla...	7.145	70	438746	37.784	ng	96
20) 3+4-Methylphenols	7.145	107	668166	40.610	ng	# 76
22) Acetophenone	7.134	105	949856	44.693	ng	# 94
24) Nitrobenzene	7.310	77	712275	41.353	ng	99
25) Isophorone	7.545	82	1315718	40.769	ng	98
26) 2-Nitrophenol	7.628	139	401223	48.295	ng	91
27) 2,4-Dimethylphenol	7.669	122	619198	43.466	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	786689	41.205	ng	98
29) 2,4-Dichlorophenol	7.869	162	565510	43.607	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	603706	44.935	ng	98
31) Naphthalene	8.028	128	1956683	42.656	ng	99
32) Benzoic acid	7.816	122	365953	41.589	ng	97
33) 4-Chloroaniline	8.081	127	471950	25.464	ng	99
34) Hexachlorobutadiene	8.145	225	324032	43.516	ng	98
35) Caprolactam	8.463	113	203879m	46.799	ng	
36) 4-Chloro-3-methylphenol	8.569	107	616226	44.065	ng	99
37) 2-Methylnaphthalene	8.722	142	1262607	40.260	ng	98
38) 1-Methylnaphthalene	8.822	142	1189325	40.539	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	536787	42.159	ng	99
41) Hexachlorocyclopentadiene	8.875	237	588528	79.256	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	367318	41.715	ng	100

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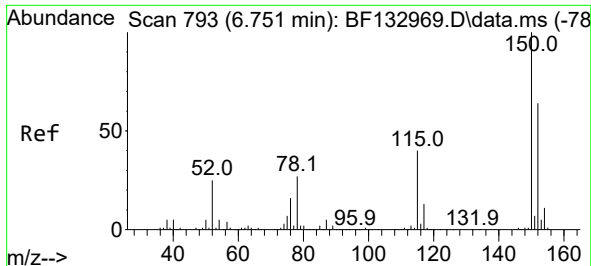
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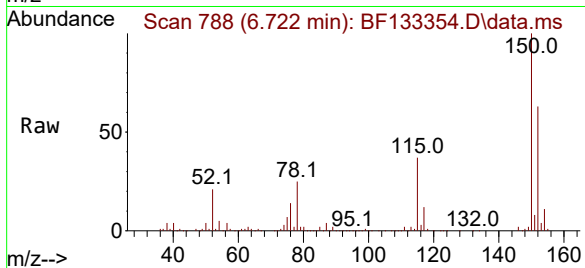
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	401908	39.466	ng	100
46) 1,1'-Biphenyl	9.186	154	1547925	41.222	ng	99
47) 2-Chloronaphthalene	9.210	162	1170519	42.588	ng	99
48) 2-Nitroaniline	9.304	65	386387	42.537	ng	96
49) Acenaphthylene	9.622	152	1813613	41.297	ng	99
50) Dimethylphthalate	9.492	163	1372095	41.554	ng	99
51) 2,6-Dinitrotoluene	9.551	165	321799	43.300	ng	89
52) Acenaphthene	9.792	154	1345808m	45.756	ng	
53) 3-Nitroaniline	9.716	138	290709	32.898	ng	100
54) 2,4-Dinitrophenol	9.828	184	349124	93.458	ng	98
55) Dibenzofuran	9.969	168	1581834	39.426	ng	100
56) 4-Nitrophenol	9.892	139	547049	79.929	ng	90
57) 2,4-Dinitrotoluene	9.957	165	410697	43.333	ng	93
58) Fluorene	10.310	166	1182490	40.228	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	333342	42.222	ng	98
60) Diethylphthalate	10.186	149	1265278	40.568	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	560939	39.159	ng	94
62) 4-Nitroaniline	10.339	138	372216	45.829	ng	97
63) Azobenzene	10.463	77	1271529	38.485	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	242364	48.462	ng	78
66) n-Nitrosodiphenylamine	10.422	169	1099294	41.074	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	361842	40.435	ng	93
68) Hexachlorobenzene	10.857	284	398297	43.437	ng	99
69) Atrazine	10.951	200	366519	47.526	ng	99
70) Pentachlorophenol	11.057	266	453322	69.416	ng	98
71) Phenanthrene	11.269	178	1812043	40.861	ng	99
72) Anthracene	11.322	178	1850862	40.783	ng	99
73) Carbazole	11.474	167	1734726	42.927	ng	99
74) Di-n-butylphthalate	11.804	149	1939228	42.405	ng	99
75) Fluoranthene	12.451	202	1836584	41.265	ng	99
77) Benzidine	12.574	184	666136	77.112	ng	# 93
78) Pyrene	12.680	202	1899209	43.370	ng	98
80) Butylbenzylphthalate	13.298	149	808403	52.138	ng	93
81) Benzo(a)anthracene	13.868	228	1414332	40.261	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	412299	42.486	ng	99
83) Chrysene	13.904	228	1447560	41.217	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	908380	46.675	ng	100
85) Di-n-octyl phthalate	14.474	149	1541394	48.573	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1289643	53.494	ng	98
88) Benzo(b)fluoranthene	14.892	252	1249514	46.341	ng	99
89) Benzo(k)fluoranthene	14.921	252	1216323	45.507	ng	99
90) Benzo(a)pyrene	15.239	252	1077441	43.902	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	1072810	53.354	ng	99
92) Benzo(g,h,i)perylene	17.092	276	1092904	55.055	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

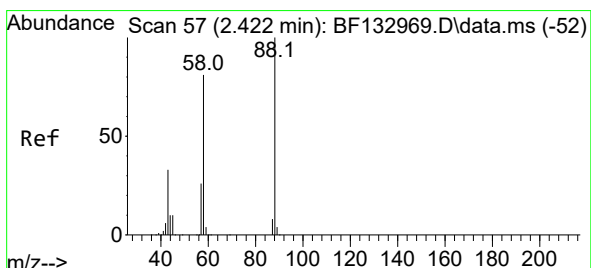
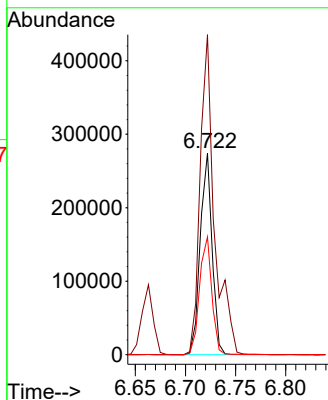
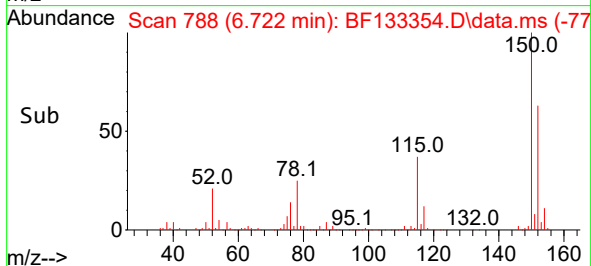
Instrument :
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ClientSampleId :
PB152724BSD



Tgt Ion:152 Resp: 227004
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 58.4 49.9 74.9

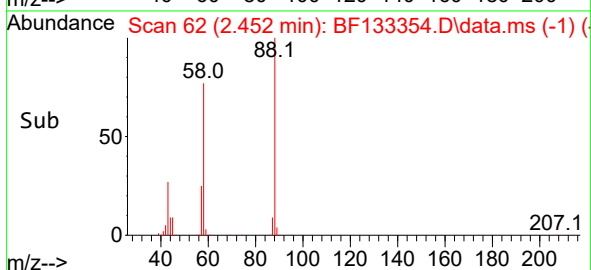
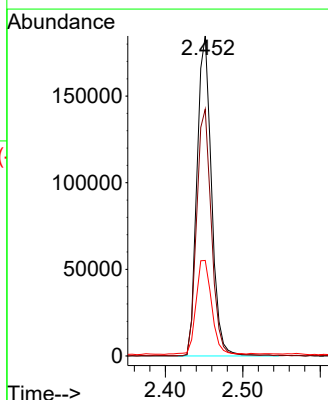
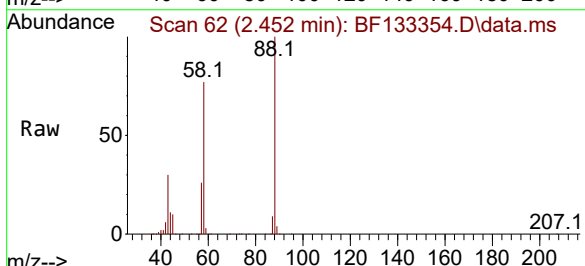
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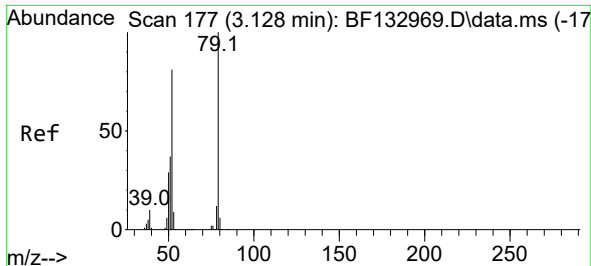
Reviewed By :Christian Giraldo 05/12/2023
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#2
1,4-Dioxane
Concen: 34.444 ng
RT: 2.452 min Scan# 62
Delta R.T. 0.082 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

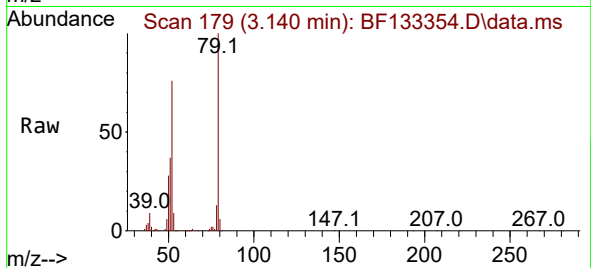
Tgt Ion: 88 Resp: 240083
Ion Ratio Lower Upper
88 100
58 77.9 64.7 97.1
43 31.4 26.2 39.2





#3
Pyridine
Concen: 33.696 ng
RT: 3.140 min Scan# 177
Delta R.T. 0.077 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

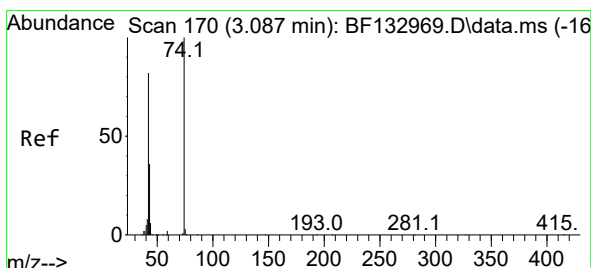
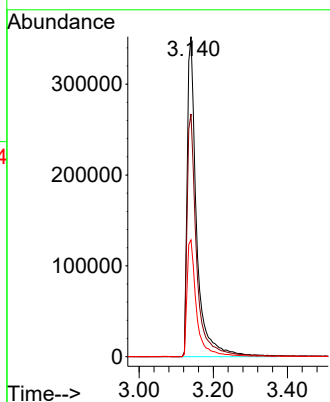
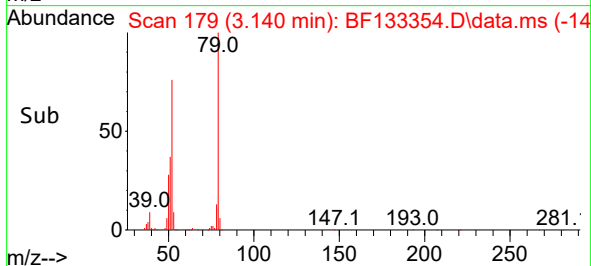
Instrument :
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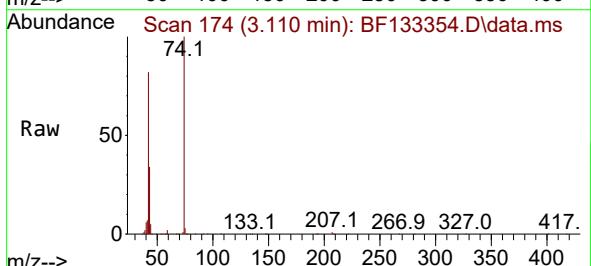
Tgt Ion: 79 Resp: 62381
Ion Ratio Lower Upper
79 100
52 75.9 64.6 96.8
51 36.5 30.0 45.0

Manual Integrations
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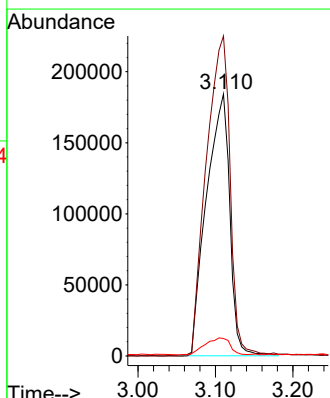
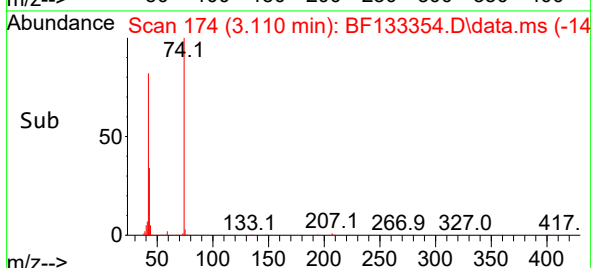
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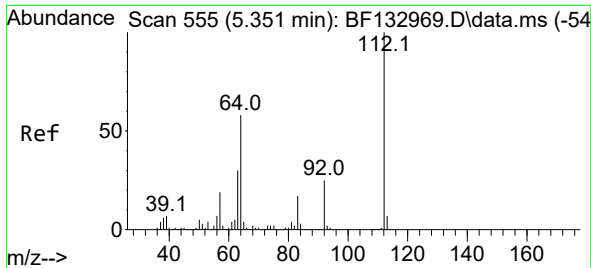


#4
n-Nitrosodimethylamine
Concen: 40.032 ng
RT: 3.110 min Scan# 174
Delta R.T. 0.077 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion: 42 Resp: 383871
Ion Ratio Lower Upper
42 100
74 122.2 98.0 147.0
44 6.7 5.8 8.8





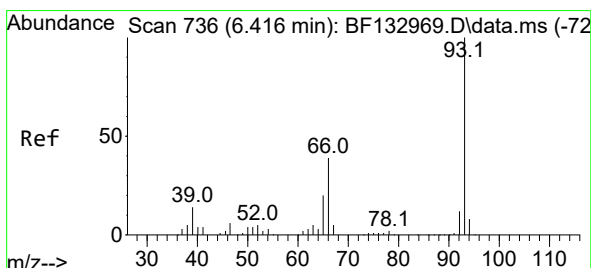
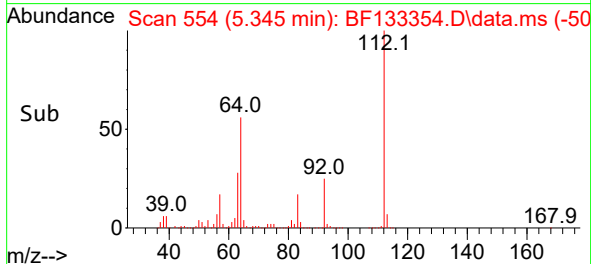
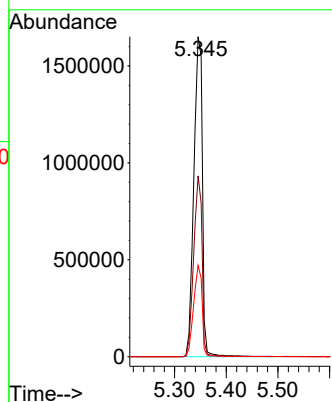
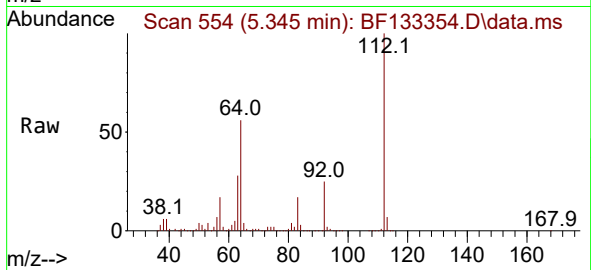
#5
2-Fluorophenol
Concen: 126.225 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1896827
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.5 23.8 35.8

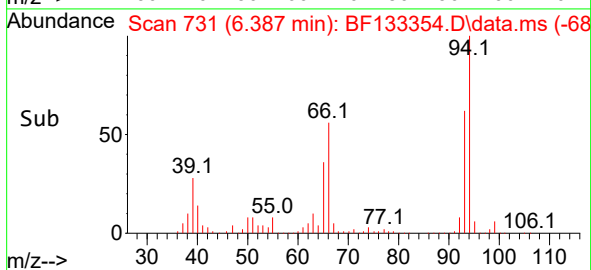
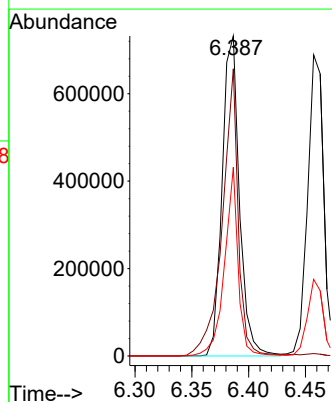
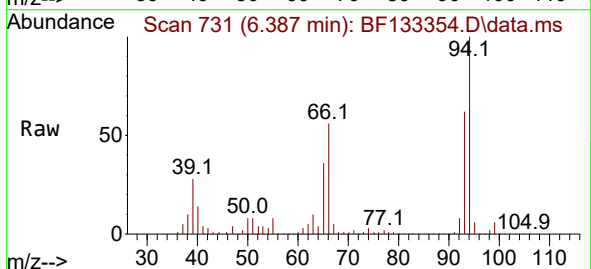
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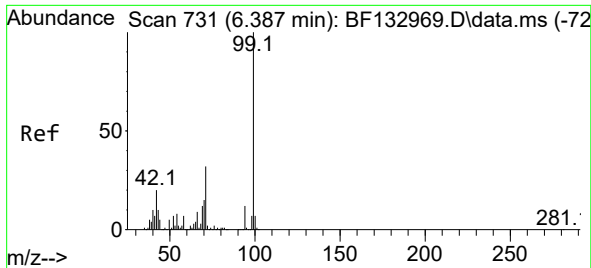
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#6
Aniline
Concen: 32.363 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Tgt Ion: 93 Resp: 777460
Ion Ratio Lower Upper
93 100
66 89.7 31.5 47.3#
65 58.9 16.4 24.6#





#7

Phenol-d6

Concen: 120.095 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

Tgt Ion: 99 Resp: 2240020

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

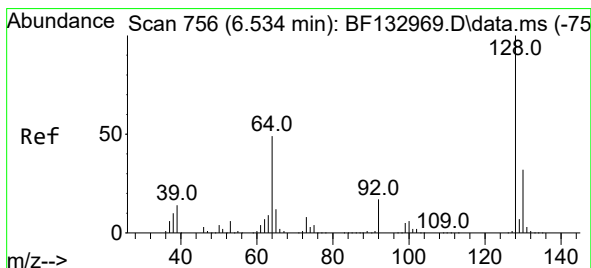
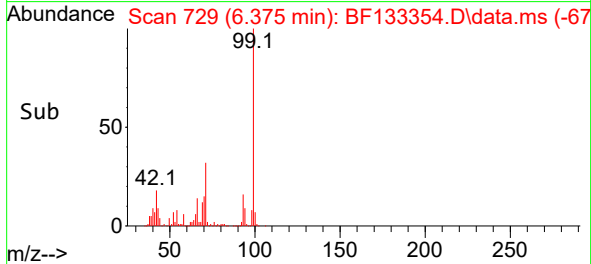
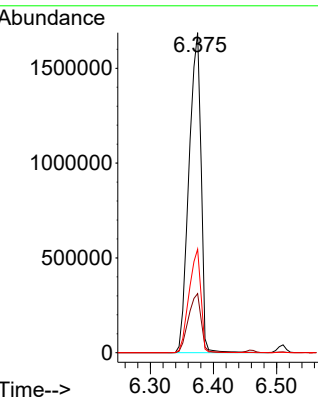
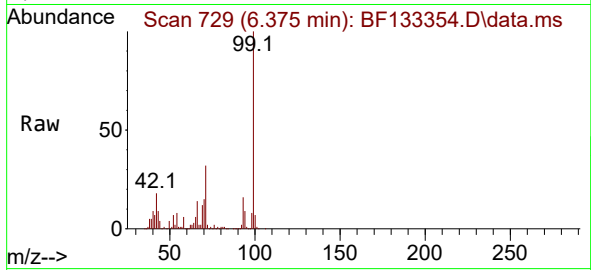
71 32.4 25.6 38.4

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#8

2-Chlorophenol

Concen: 46.327 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

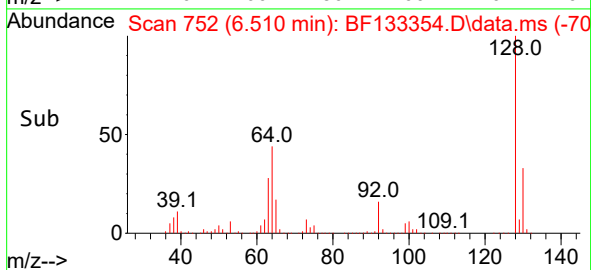
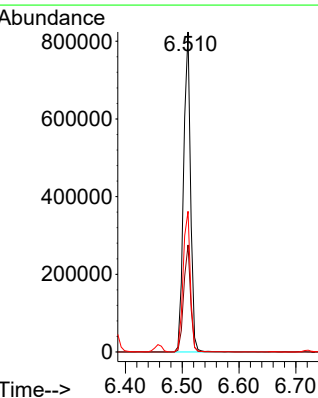
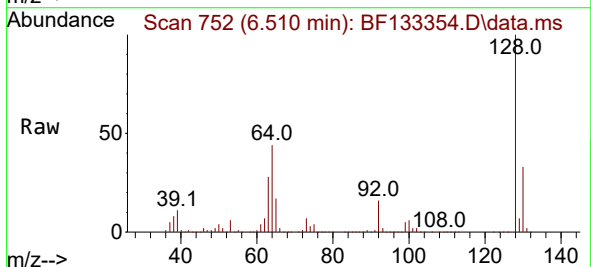
Tgt Ion:128 Resp: 706839

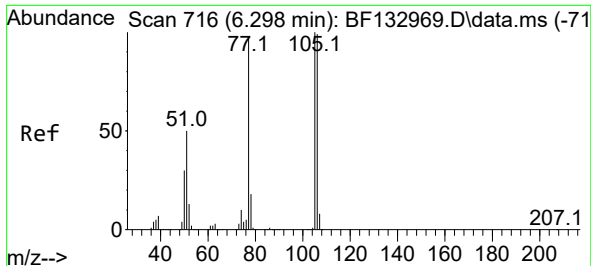
Ion Ratio Lower Upper

128 100

130 33.5 12.2 52.2

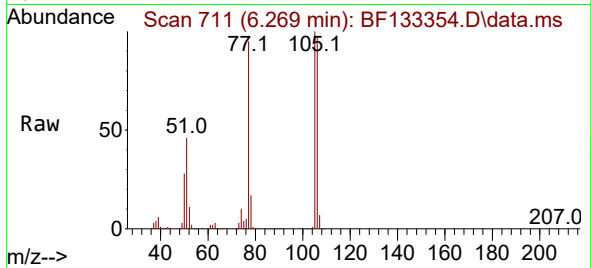
64 44.0 30.3 70.3





#9
Benzaldehyde
Concen: 44.046 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

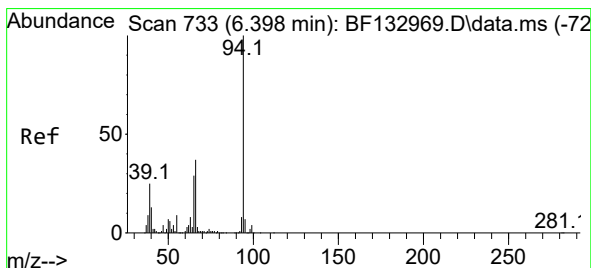
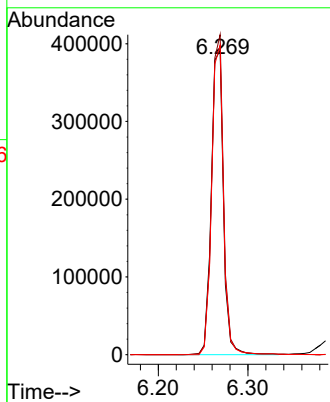
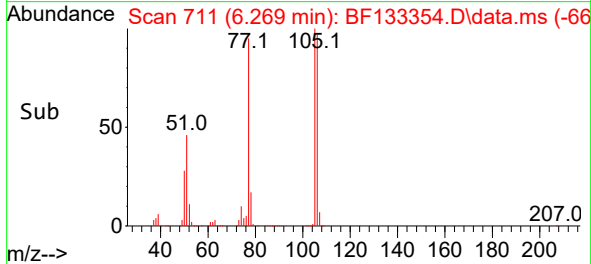
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 365939
Ion Ratio Lower Upper
77 100
105 105.2 82.3 122.3
106 101.7 80.8 120.8

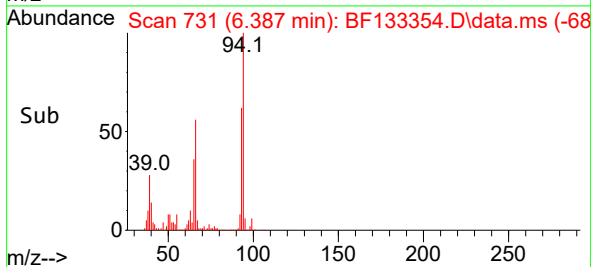
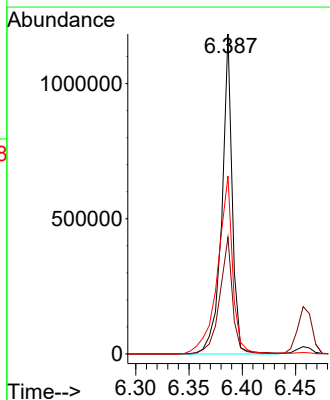
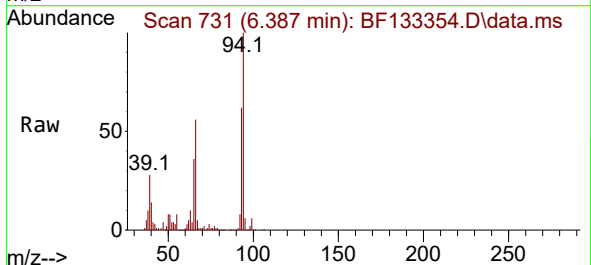
Manual Integrations
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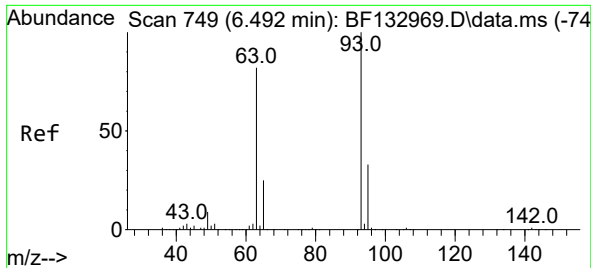
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#10
Phenol
Concen: 39.052 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Tgt Ion: 94 Resp: 803566
Ion Ratio Lower Upper
94 100
65 36.5 8.6 48.6
66 55.5 17.3 57.3





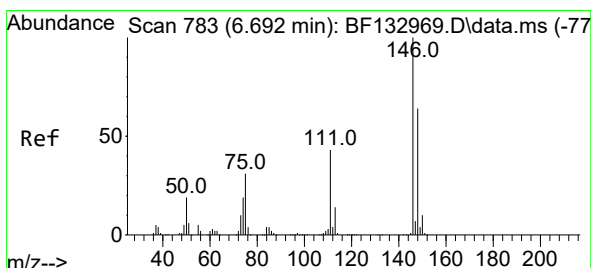
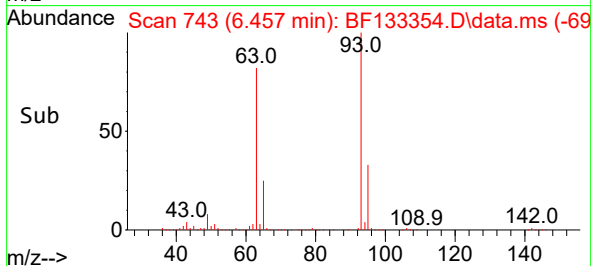
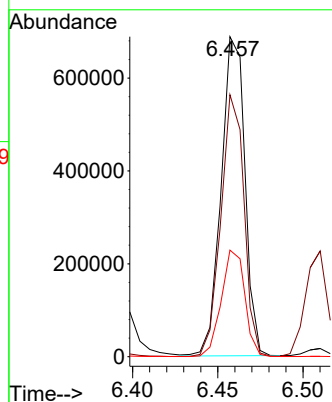
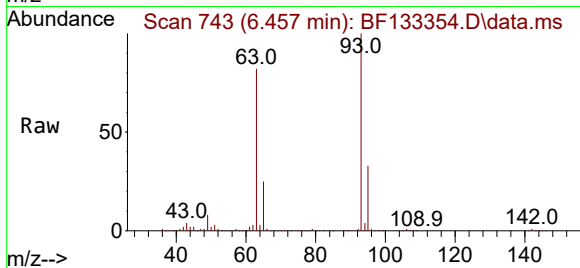
#11
bis(2-Chloroethyl)ether
Concen: 43.175 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :
BNA_F
ClientSampleId :
PB152724BSD

Tgt Ion: 93 Resp: 66665
Ion Ratio Lower Upper
93 100
63 81.9 60.6 100.6
95 33.3 12.9 52.9

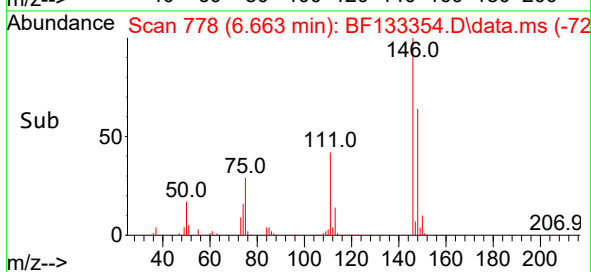
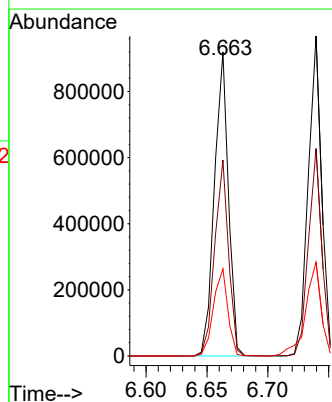
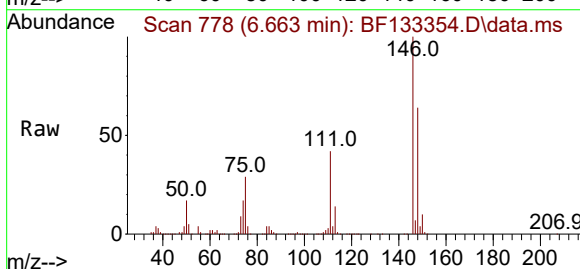
Manual Integrations
APPROVED

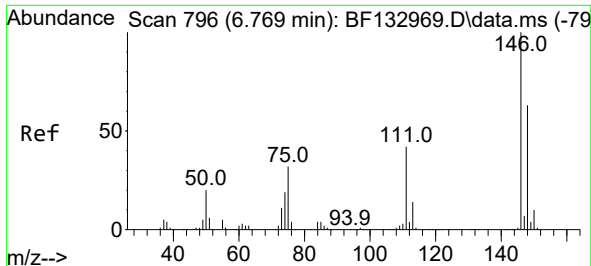
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#12
1,3-Dichlorobenzene
Concen: 45.479 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Tgt Ion:146 Resp: 737746
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 28.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 45.918 ng

RT: 6.739 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

Tgt Ion:146 Resp: 746518

Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

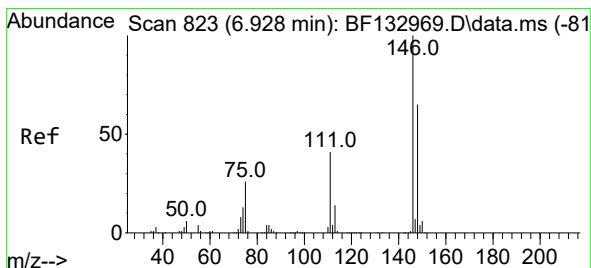
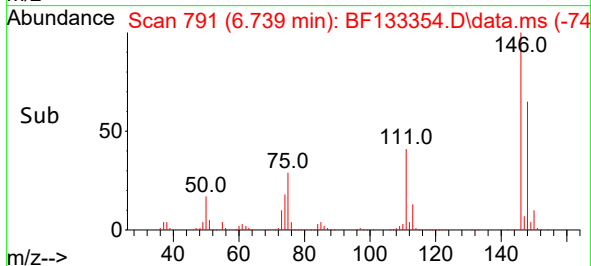
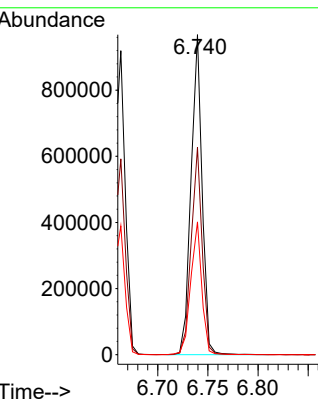
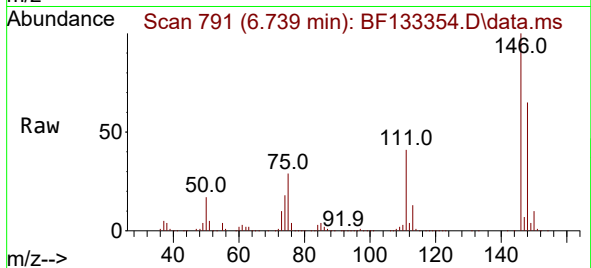
111 41.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#14

1,2-Dichlorobenzene

Concen: 48.545 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

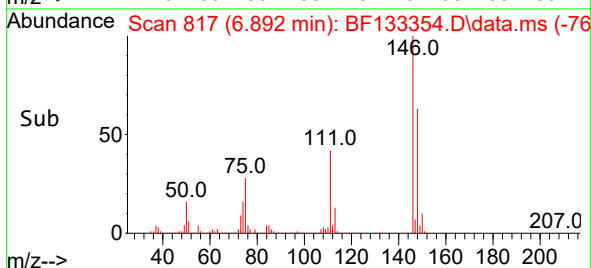
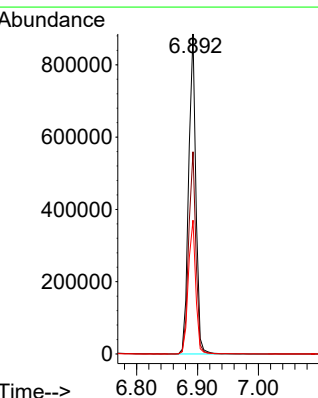
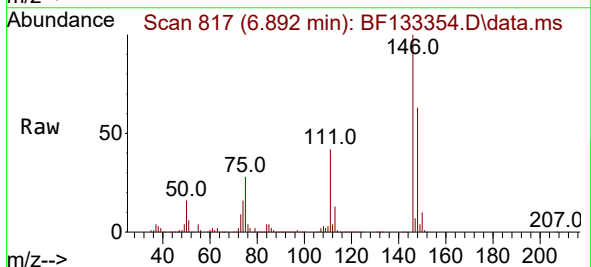
Tgt Ion:146 Resp: 727614

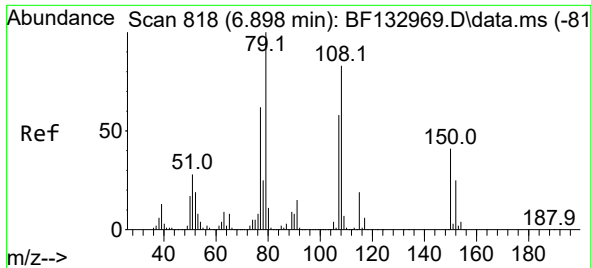
Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

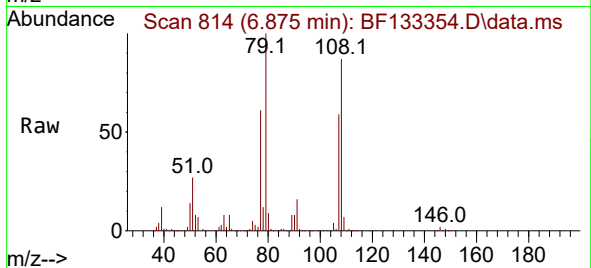
111 41.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 44.226 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

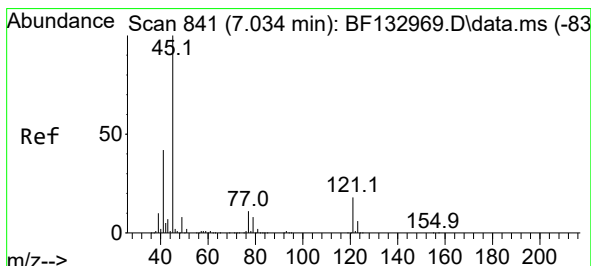
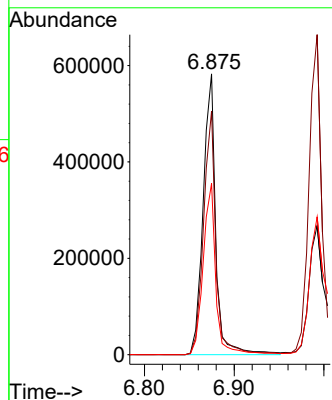
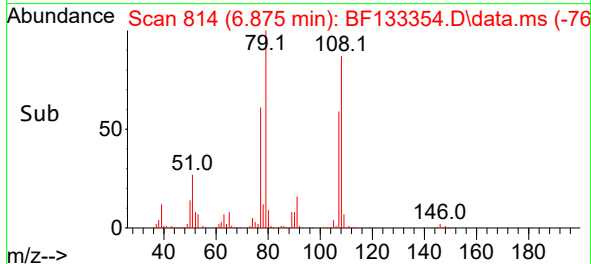
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion: 79 Resp: 56981
Ion Ratio Lower Upper
79 100
108 86.8 66.6 99.8
77 61.0 49.2 73.8

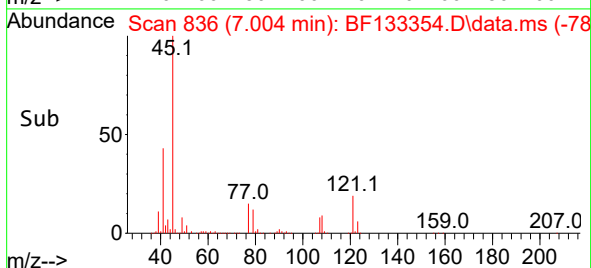
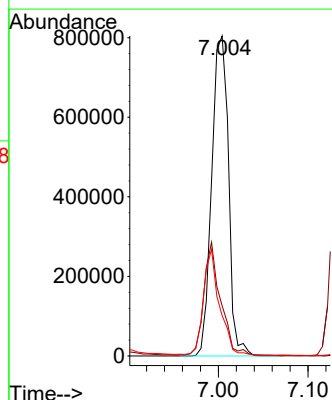
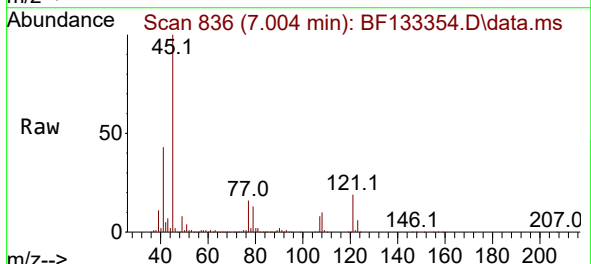
Manual Integrations
APPROVED

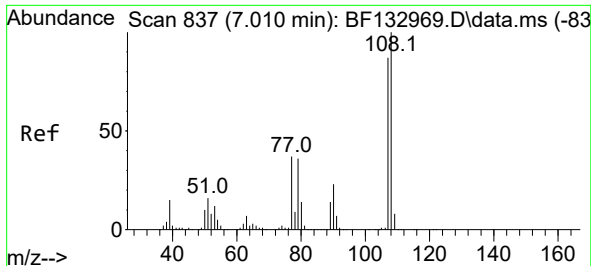
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.870 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

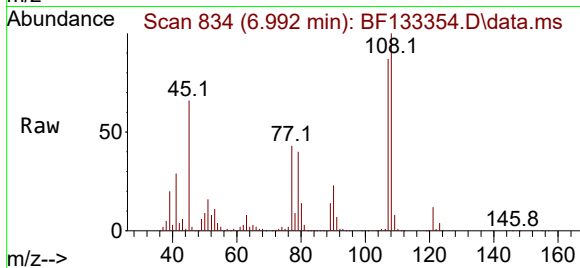
Tgt Ion: 45 Resp: 1042452
Ion Ratio Lower Upper
45 100
77 15.7 0.0 31.5
79 12.6 0.0 28.7





#17
2-Methylphenol
Concen: 40.928 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

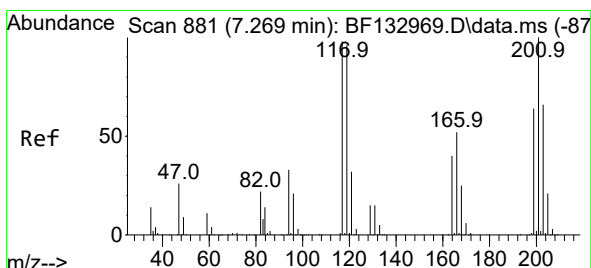
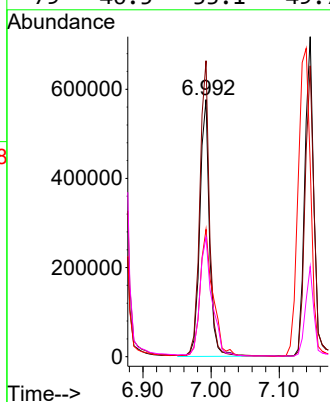
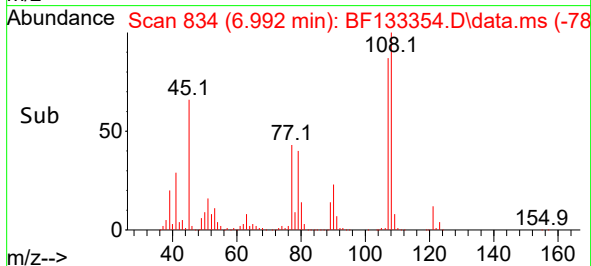
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:	107	Resp:	57180
Ion Ratio	Lower	Upper	
107	100		
108	115.1	92.4	138.6
77	49.6	33.8	50.8
79	46.5	33.1	49.7

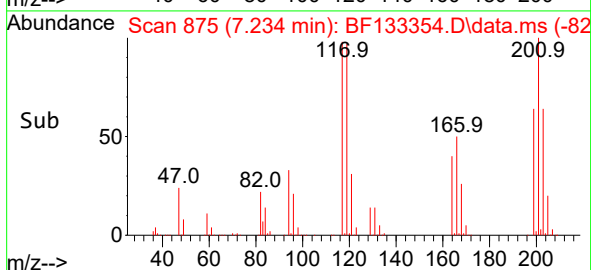
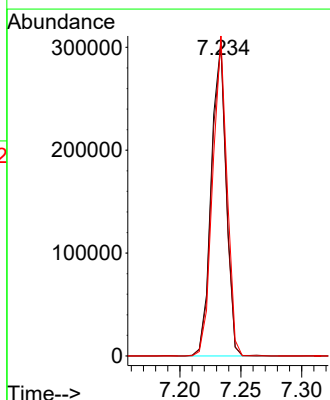
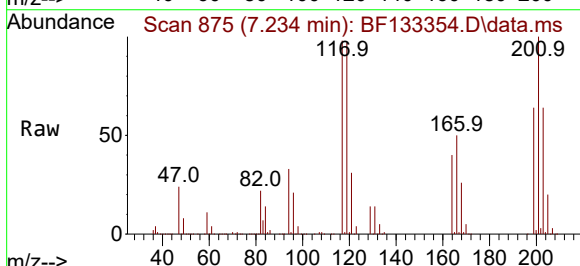
Manual Integrations
APPROVED

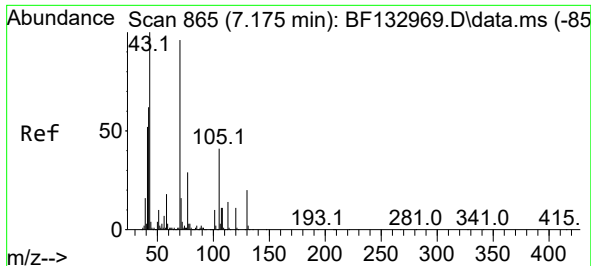
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#18
Hexachloroethane
Concen: 45.979 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

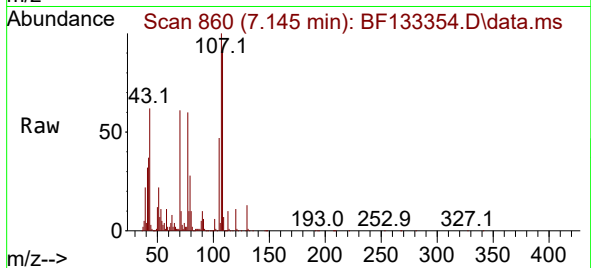
Tgt Ion:	117	Resp:	259884
Ion Ratio	Lower	Upper	
117	100		
119	98.8	78.2	117.4
201	101.8	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 37.784 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

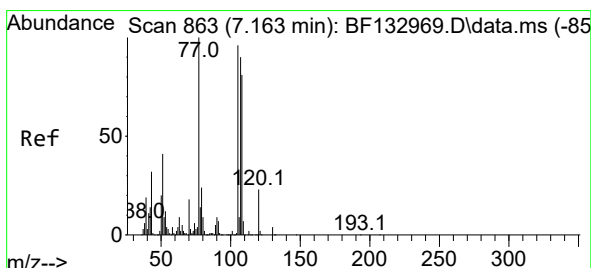
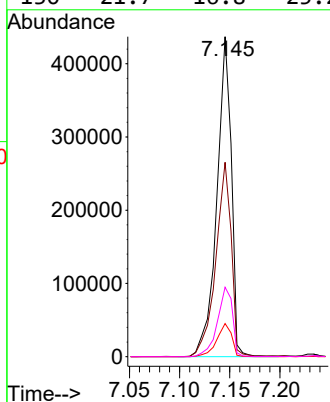
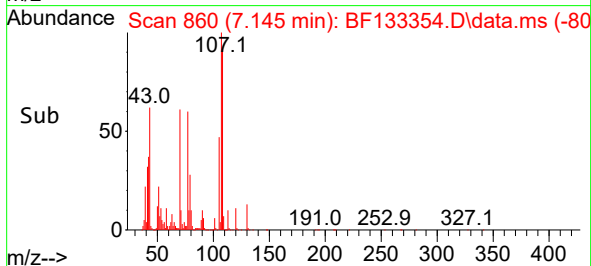
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



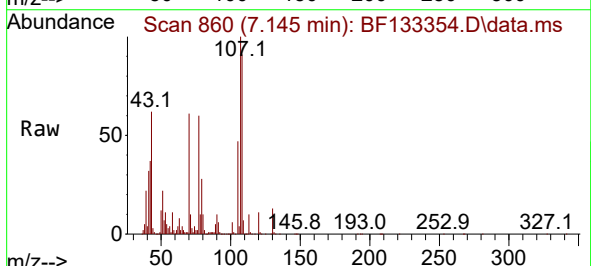
Tgt Ion: 70 Resp: 438740
Ion Ratio Lower Upper
70 100
42 60.7 51.8 77.6
101 10.3 8.0 12.0
130 21.7 16.8 25.2

Manual Integrations
APPROVED

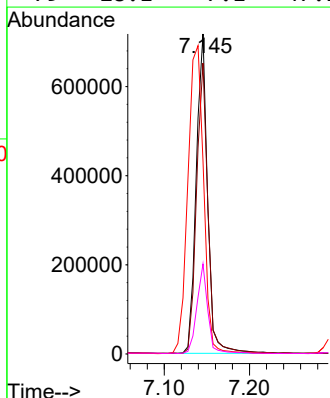
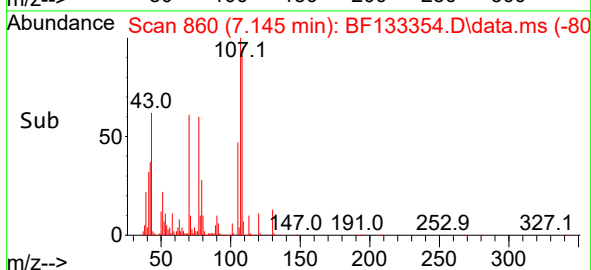
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

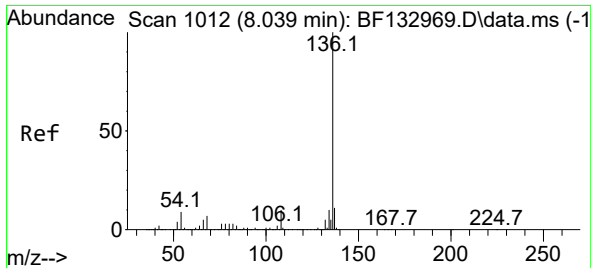


#20
3+4-Methylphenols
Concen: 40.610 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



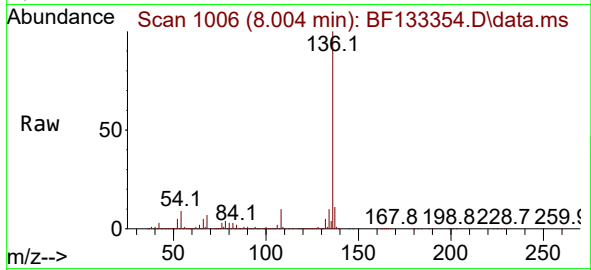
Tgt Ion:107 Resp: 668166
Ion Ratio Lower Upper
107 100
108 90.9 70.5 110.5
77 60.3 91.7 131.7#
79 28.1 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

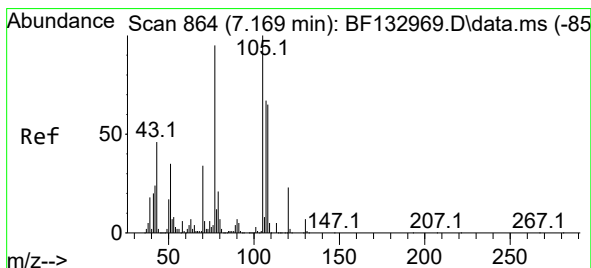
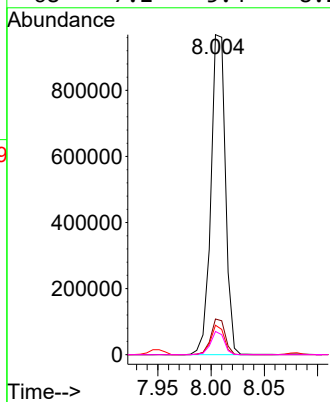
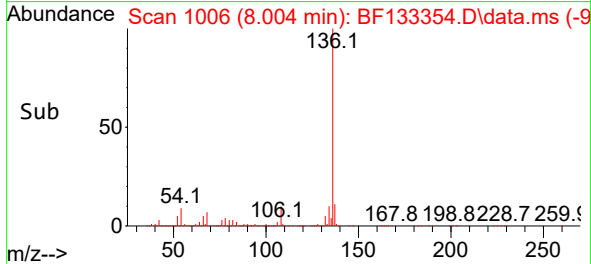
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:136 Resp: 917480
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 7.0 10.4
68 7.2 5.4 8.2

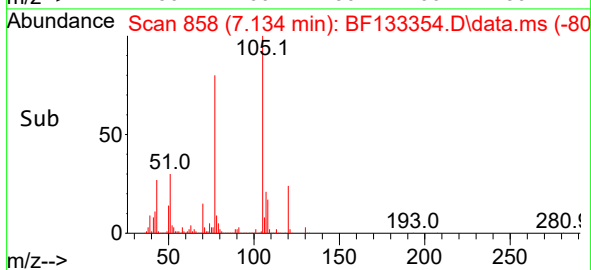
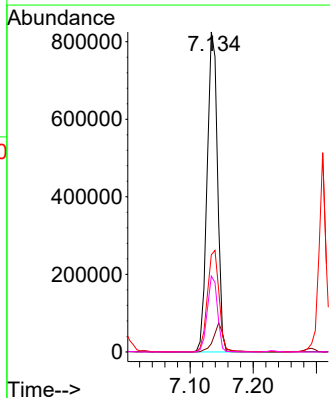
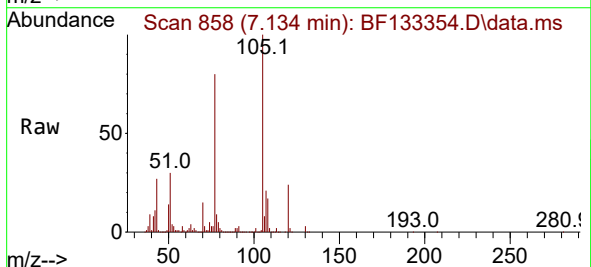
Manual Integrations
APPROVED

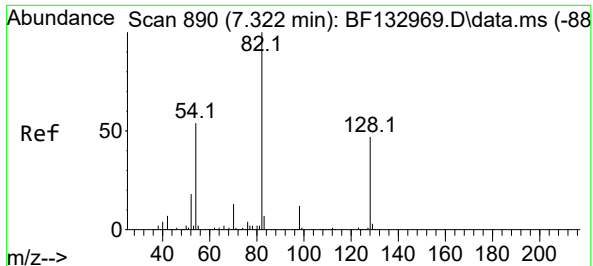
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#22
Acetophenone
Concen: 44.693 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Tgt Ion:105 Resp: 949856
Ion Ratio Lower Upper
105 100
71 2.6 4.6 7.0#
51 30.3 28.2 42.2
120 23.7 18.4 27.6





#23

Nitrobenzene-d5

Concen: 84.485 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

Tgt Ion: 82 Resp: 143605

Ion Ratio Lower Upper

82 100

128 48.5 37.7 56.5

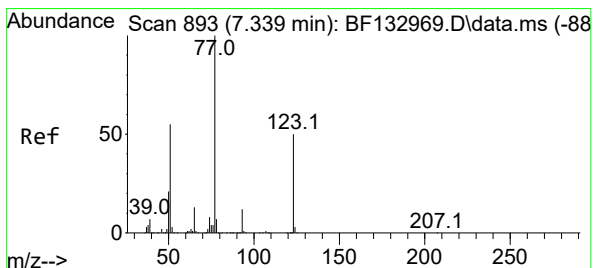
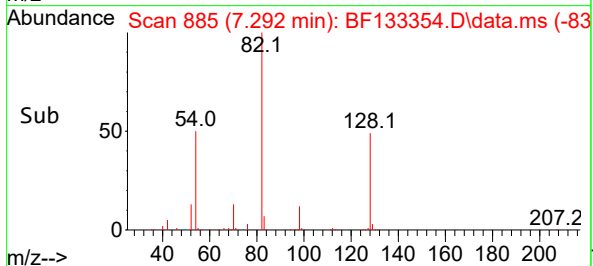
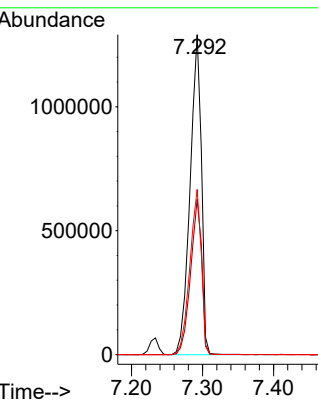
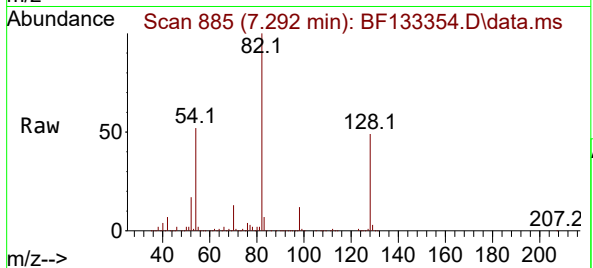
54 51.7 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#24

Nitrobenzene

Concen: 41.353 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

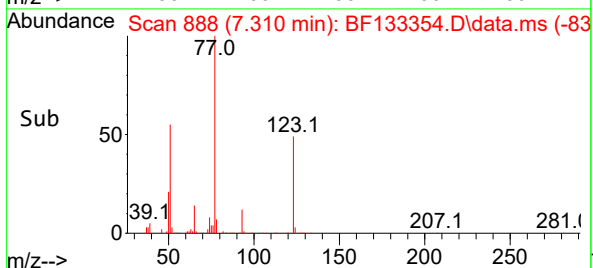
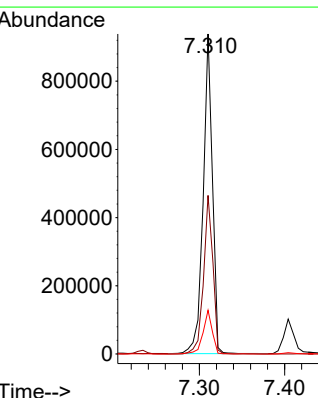
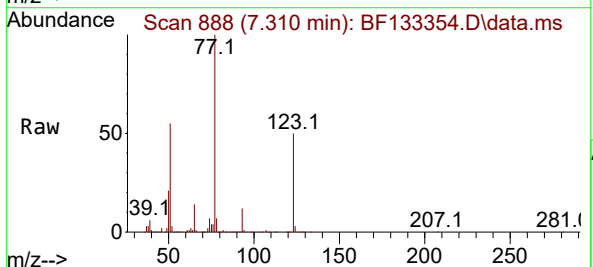
Tgt Ion: 77 Resp: 712275

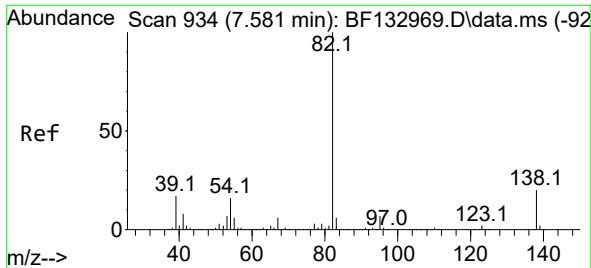
Ion Ratio Lower Upper

77 100

123 49.5 39.9 59.9

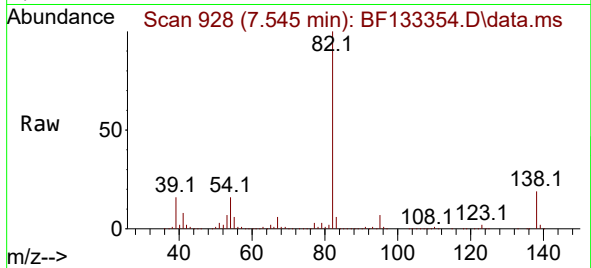
65 13.6 10.7 16.1





#25
Isophorone
Concen: 40.769 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

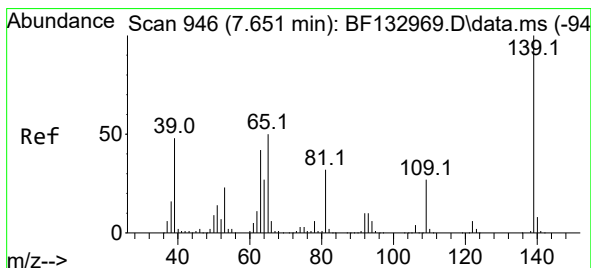
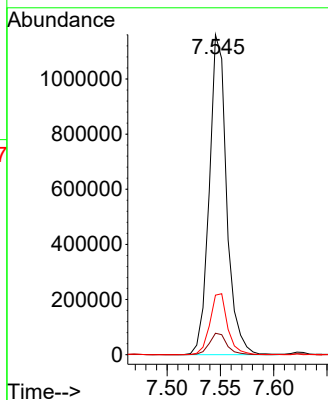
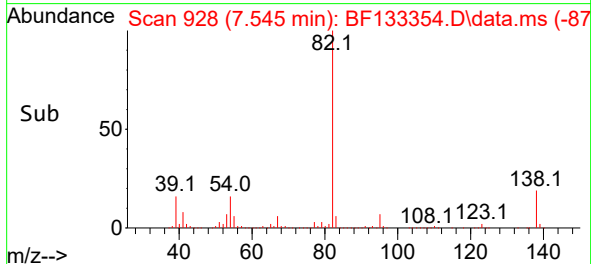
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



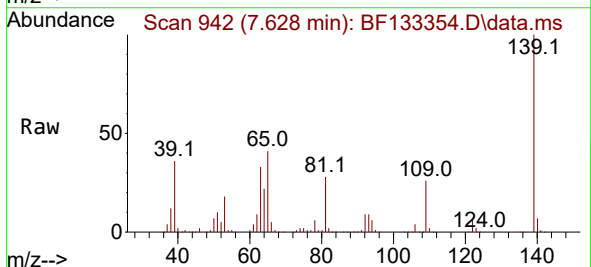
Tgt Ion: 82 Resp: 1315718
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.6 16.0 24.0

Manual Integrations
APPROVED

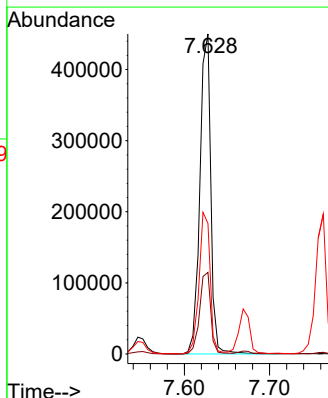
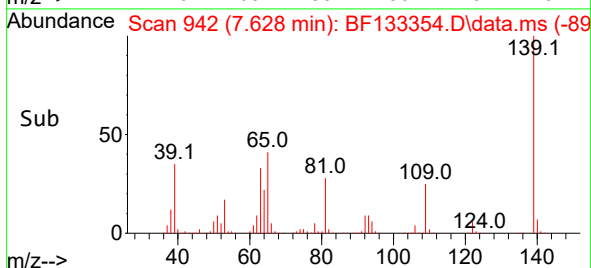
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

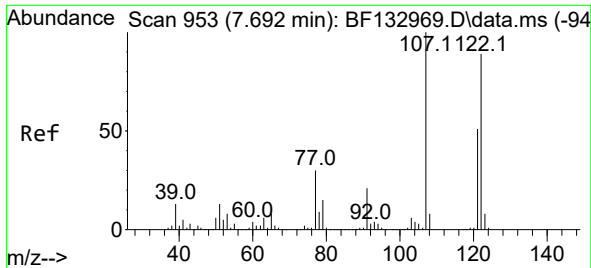


#26
2-Nitrophenol
Concen: 48.295 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:139 Resp: 401223
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 40.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.466 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

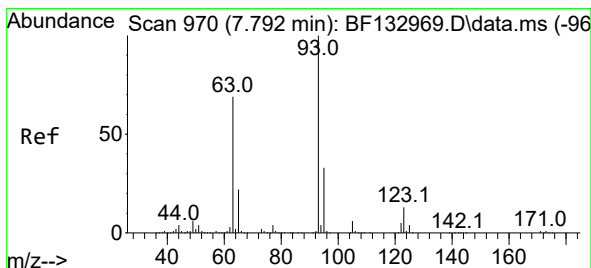
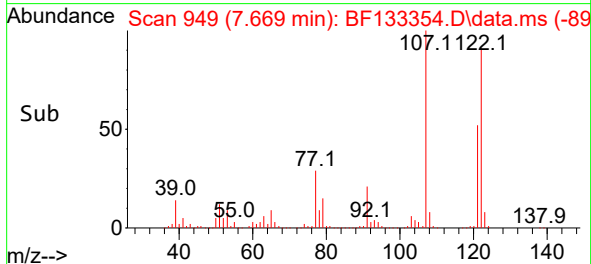
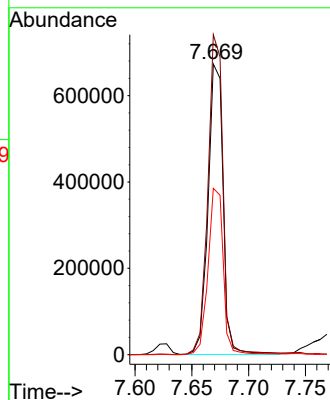
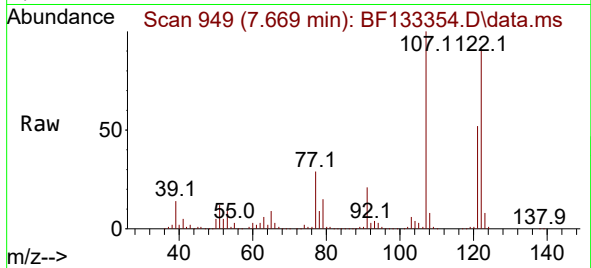
PB152724BSD

Tgt Ion:122 Resp: 619198
 Ion Ratio Lower Upper
 122 100
 107 110.1 89.7 134.5
 121 57.2 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.205 ng

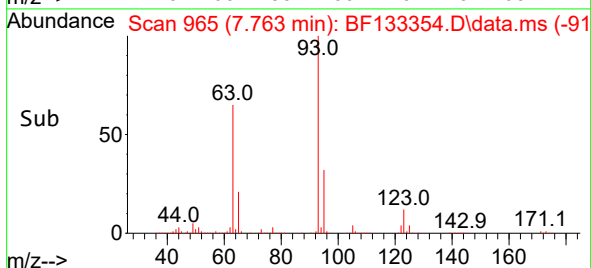
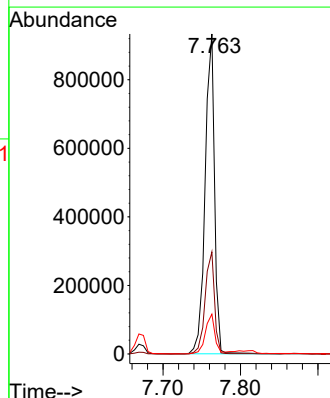
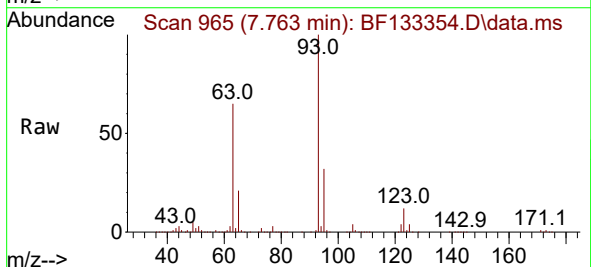
RT: 7.763 min Scan# 965

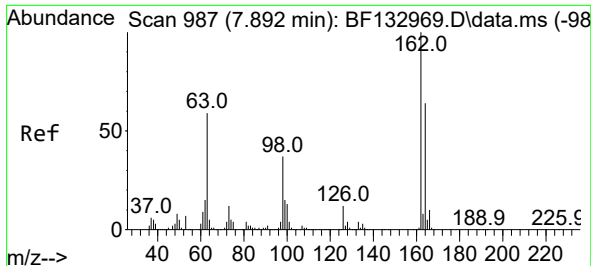
Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Tgt Ion: 93 Resp: 786689
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.4 39.6
 123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.607 ng

RT: 7.869 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

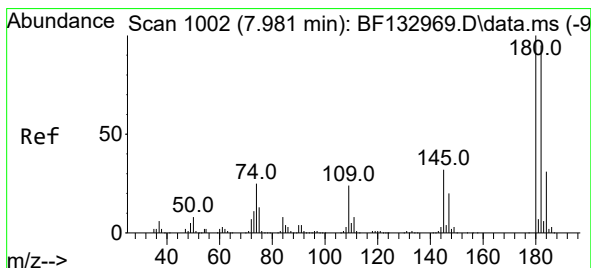
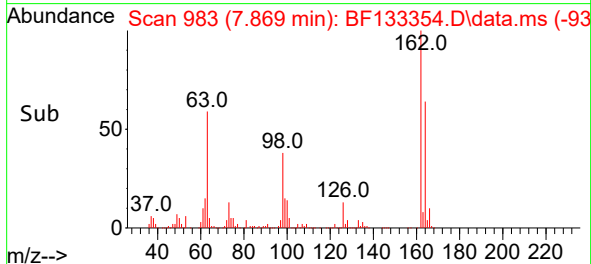
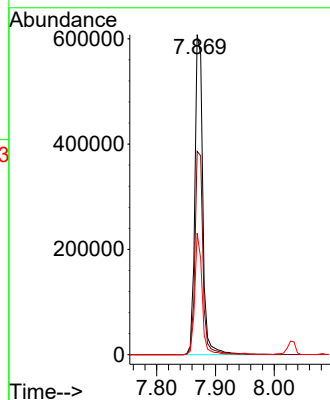
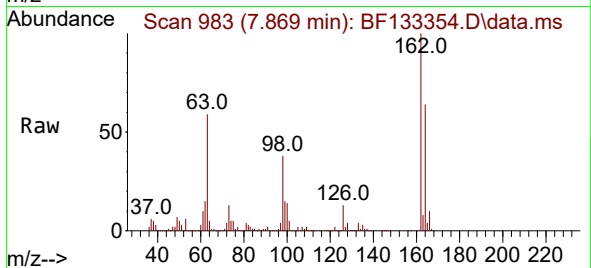
PB152724BSD

Tgt Ion:162 Resp: 565510
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.9 83.9
 98 37.9 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.935 ng

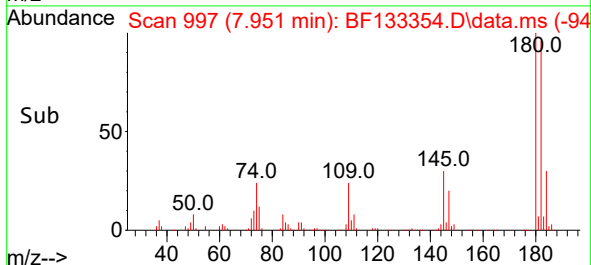
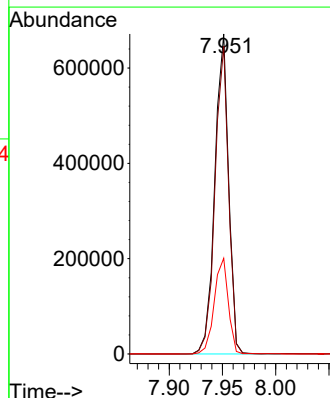
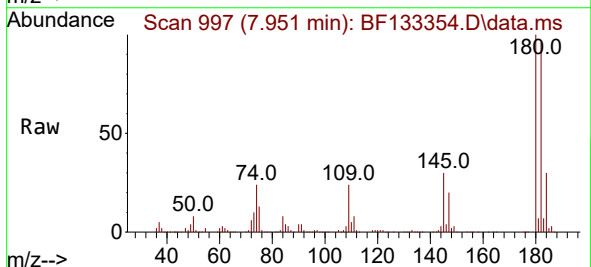
RT: 7.951 min Scan# 997

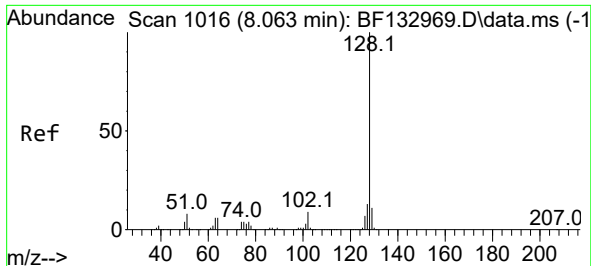
Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Tgt Ion:180 Resp: 603706
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 29.9 25.3 37.9





#31

Naphthalene

Concen: 42.656 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

Tgt Ion:128 Resp: 195668

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

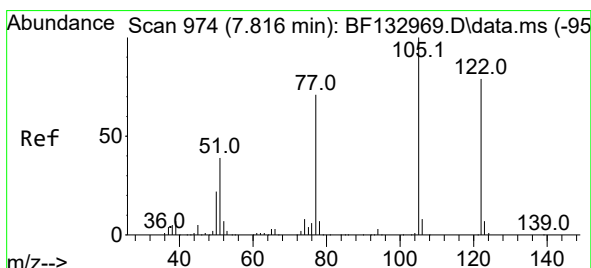
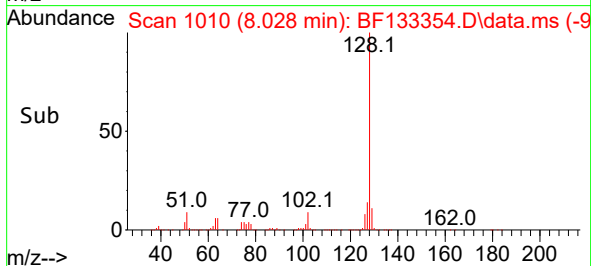
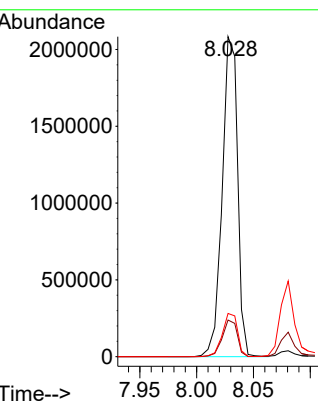
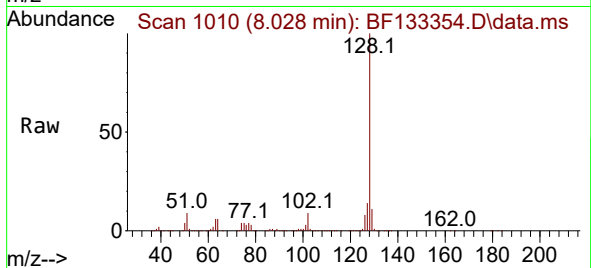
127 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#32

Benzoic acid

Concen: 41.589 ng

RT: 7.816 min Scan# 974

Delta R.T. 0.012 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

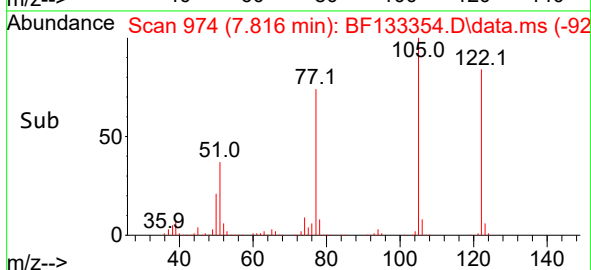
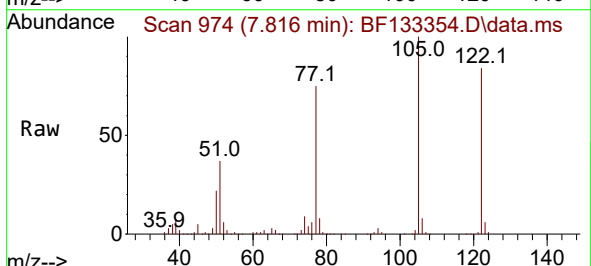
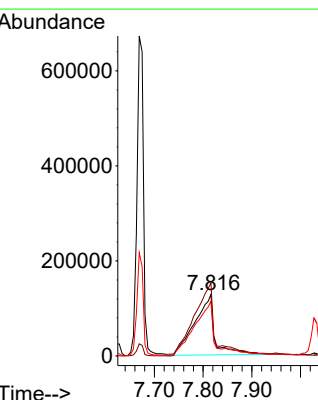
Tgt Ion:122 Resp: 365953

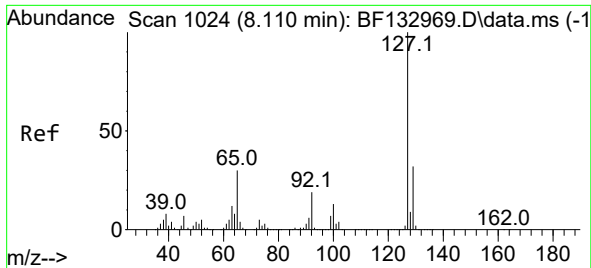
Ion Ratio Lower Upper

122 100

105 118.8 104.2 144.2

77 88.8 69.7 109.7





#33
4-Chloroaniline
Concen: 25.464 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

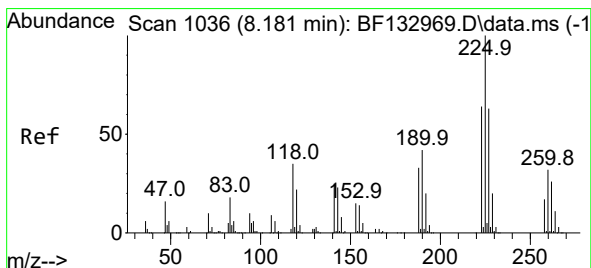
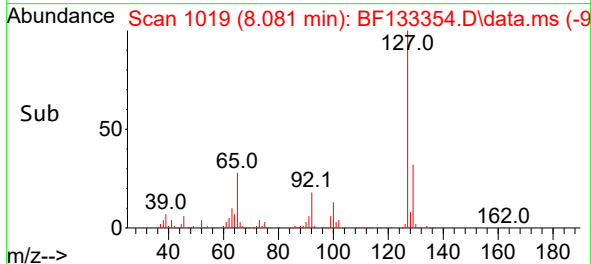
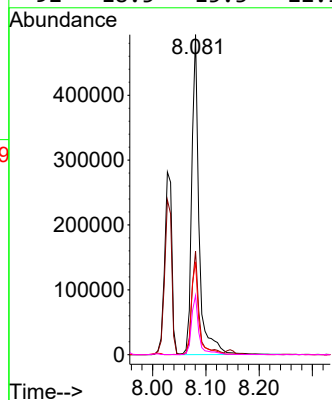
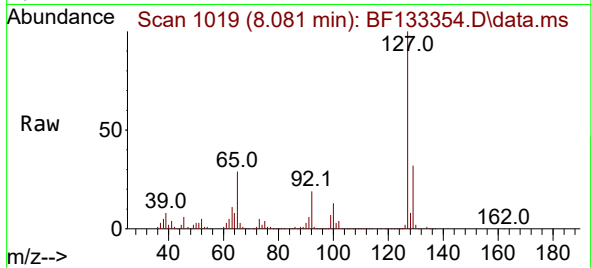
PB152724BSD

Tgt Ion:127 Resp: 471950
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 29.0 23.6 35.4
92 18.5 15.3 22.9

Manual Integrations

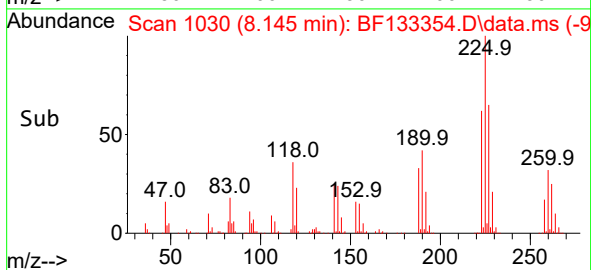
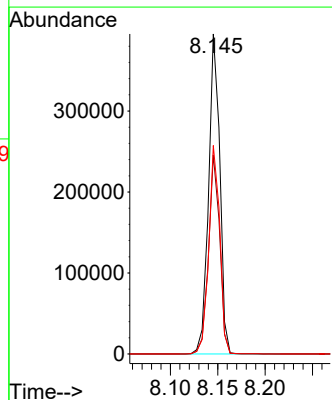
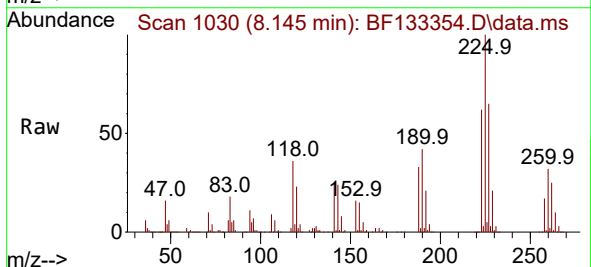
APPROVED

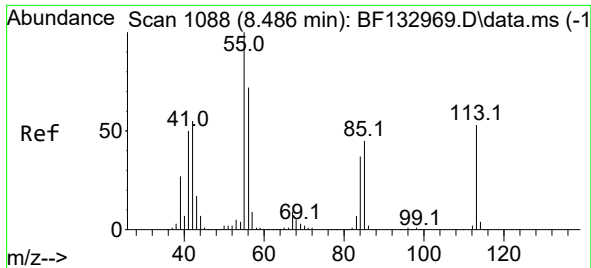
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#34
Hexachlorobutadiene
Concen: 43.516 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

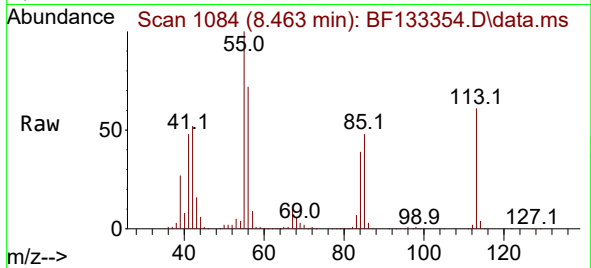
Tgt Ion:225 Resp: 324032
Ion Ratio Lower Upper
225 100
223 62.2 50.9 76.3
227 65.1 50.3 75.5





#35
Caprolactam
Concen: 46.799 ng m
RT: 8.463 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

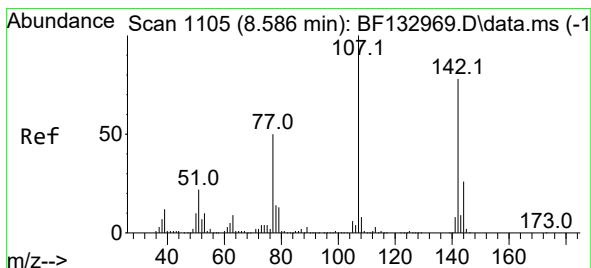
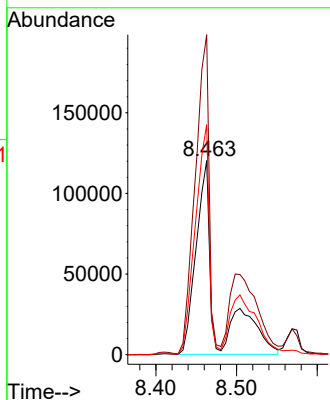
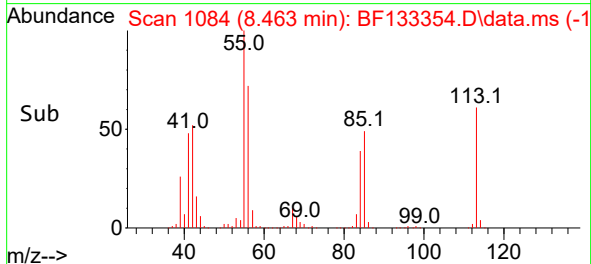
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:113 Resp: 203879
Ion Ratio Lower Upper
113 100
55 164.8 167.1 207.1
56 118.5 114.5 154.5

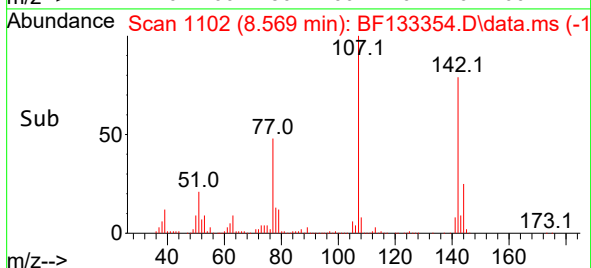
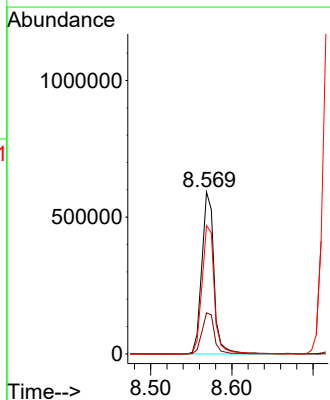
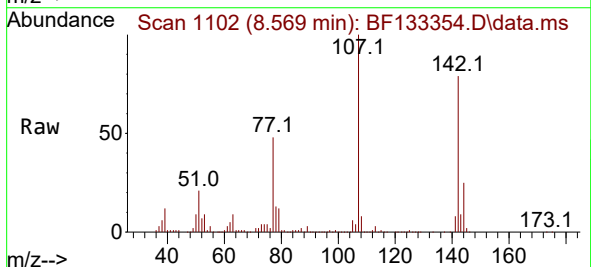
Manual Integrations
APPROVED

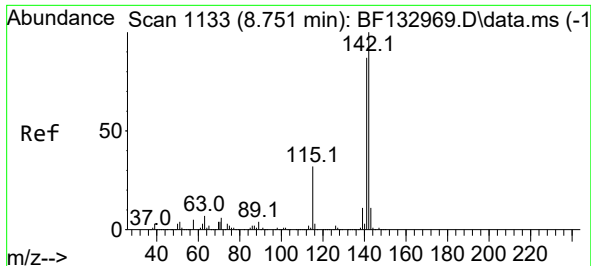
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#36
4-Chloro-3-methylphenol
Concen: 44.065 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Tgt Ion:107 Resp: 616226
Ion Ratio Lower Upper
107 100
144 25.4 20.6 30.8
142 79.3 62.8 94.2





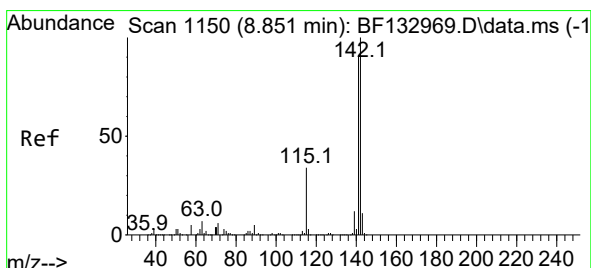
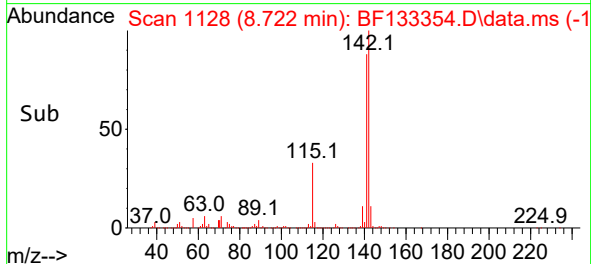
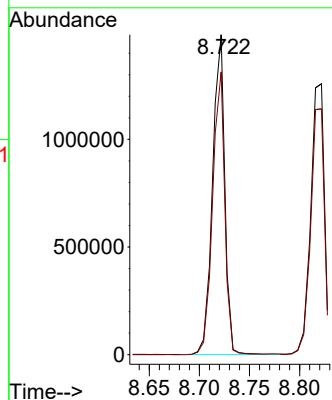
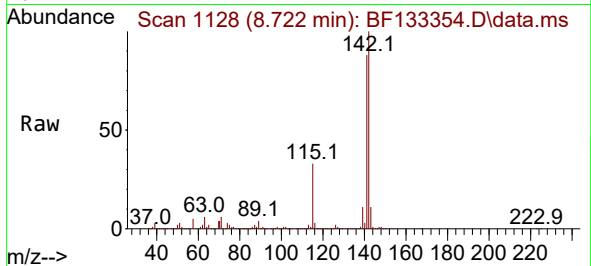
#37
2-Methylnaphthalene
Concen: 40.260 ng
RT: 8.722 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :
BNA_F
ClientSampleId :
PB152724BSD

Tgt Ion:142 Resp: 126260
Ion Ratio Lower Upper
142 100
141 88.4 69.4 104.0

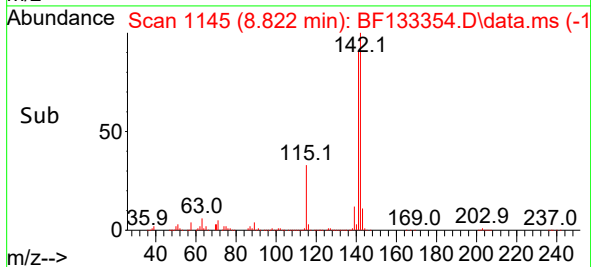
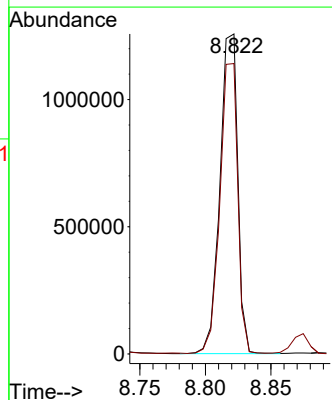
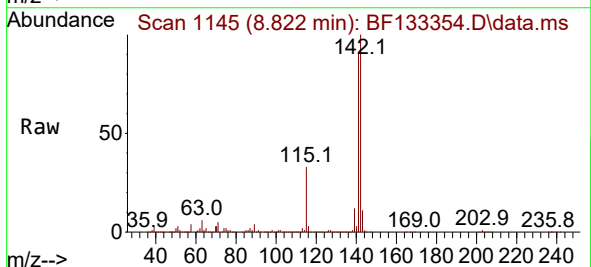
Manual Integrations
APPROVED

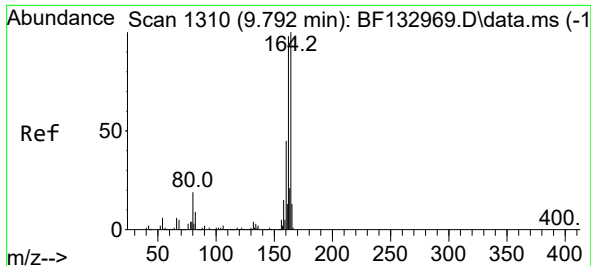
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#38
1-Methylnaphthalene
Concen: 40.539 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

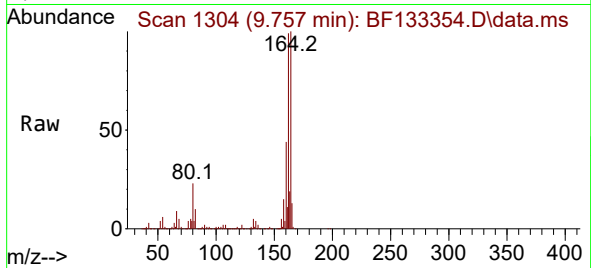
Tgt Ion:142 Resp: 1189325
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

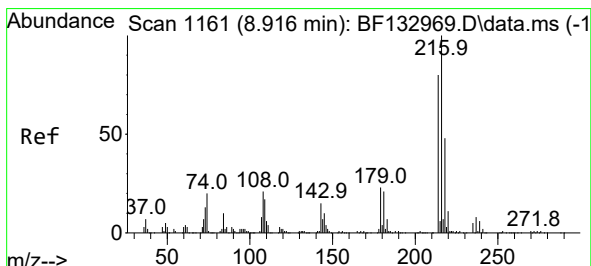
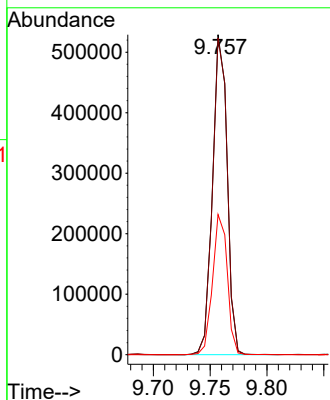
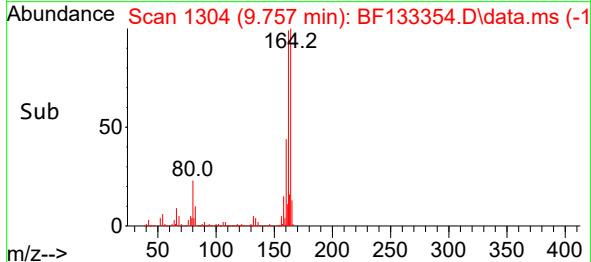
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



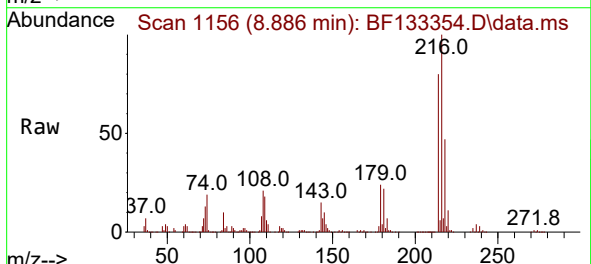
Tgt Ion:164 Resp: 473552
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 43.8 35.8 53.6

Manual Integrations
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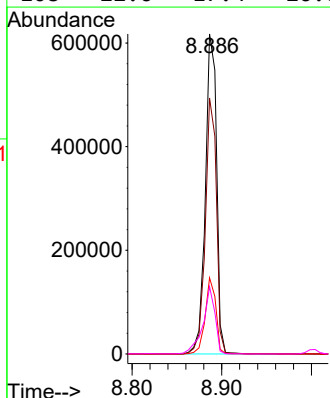
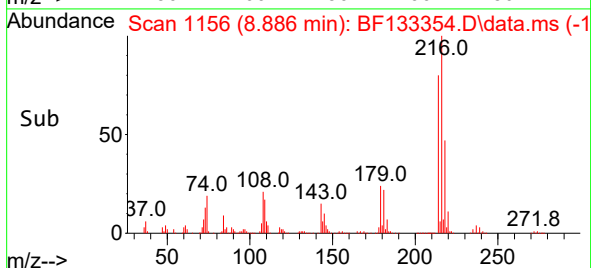
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

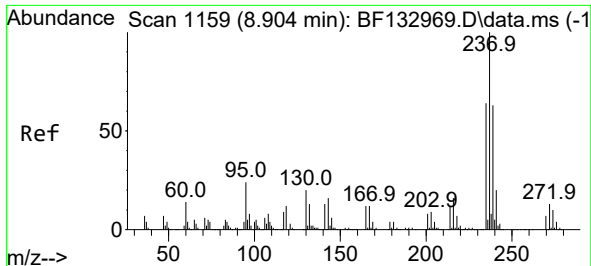


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.159 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



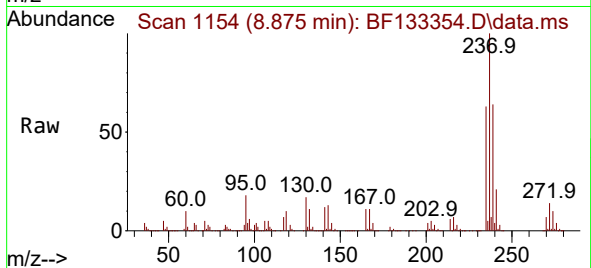
Tgt Ion:216 Resp: 536787
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.6 17.4 26.2
108 22.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 79.256 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

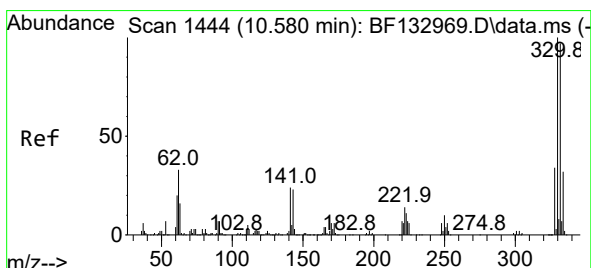
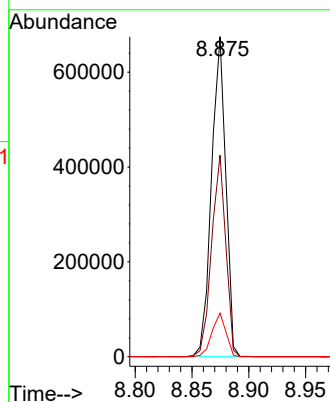
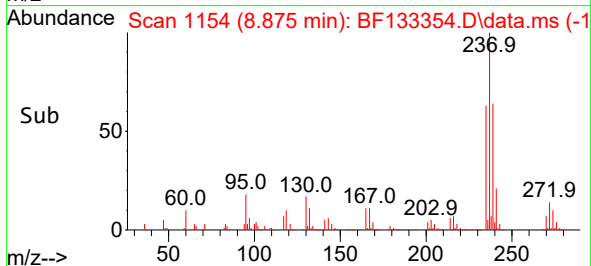
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



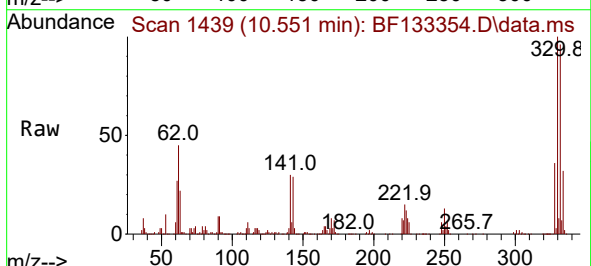
Tgt Ion: 237 Resp: 588528
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 13.6 0.0 32.7

Manual Integrations
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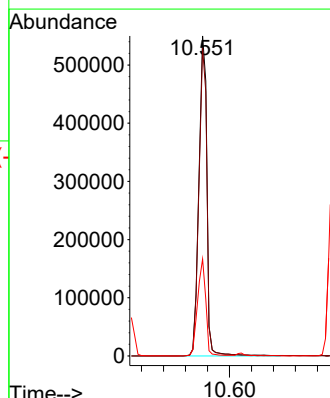
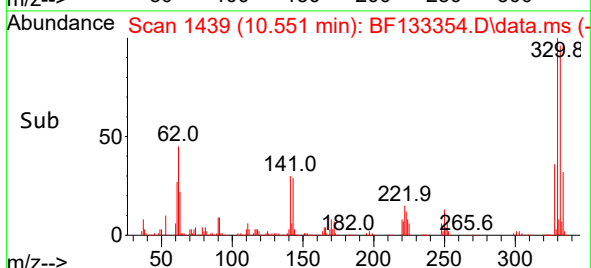
Reviewed By : Christian Giraldo 05/12/2023
Supervised By : Jagrut Upadhyay 05/15/2023

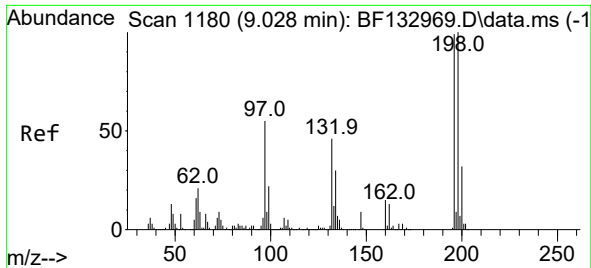


#42
2,4,6-Tribromophenol
Concen: 117.121 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



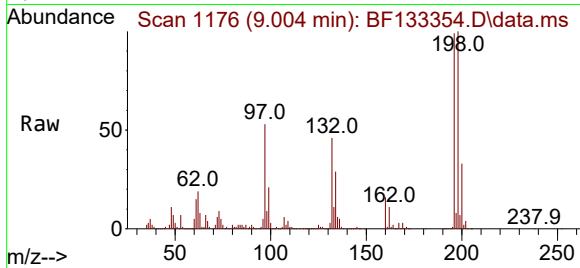
Tgt Ion: 330 Resp: 557786
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 41.715 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

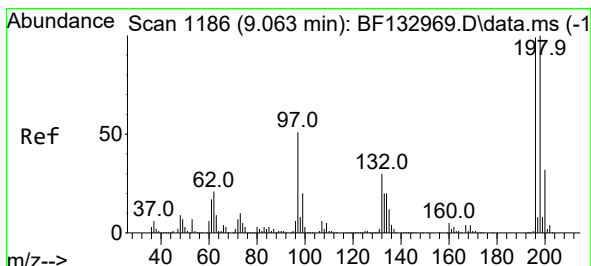
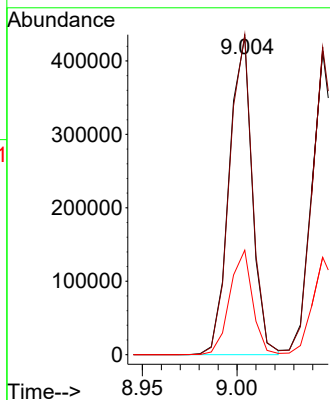
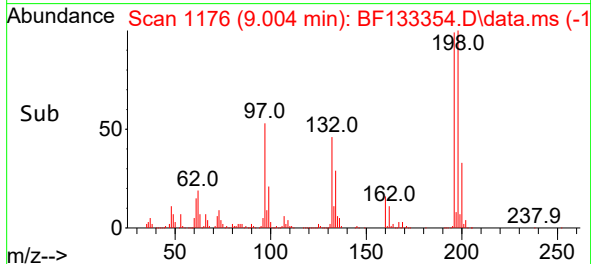
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



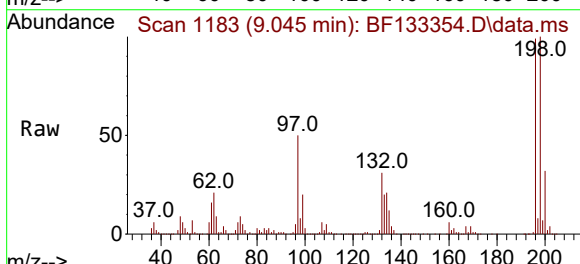
Tgt Ion:196 Resp: 367318
Ion Ratio Lower Upper
196 100
198 100.8 81.0 121.6
200 32.9 26.1 39.1

Manual Integrations
APPROVED

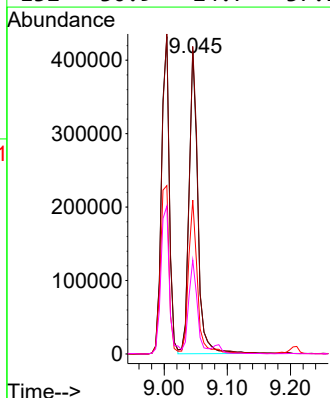
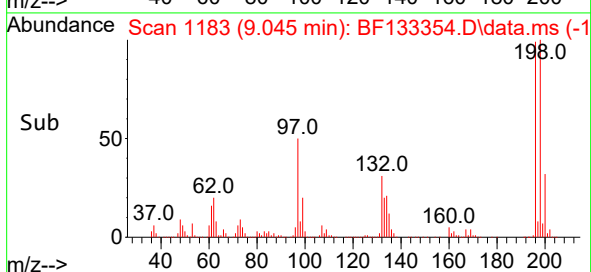
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

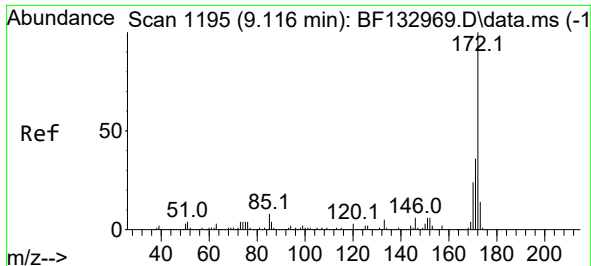


#44
2,4,5-Trichlorophenol
Concen: 39.466 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:196 Resp: 401908
Ion Ratio Lower Upper
196 100
198 101.3 80.9 121.3
97 50.7 41.3 61.9
132 30.9 24.7 37.1





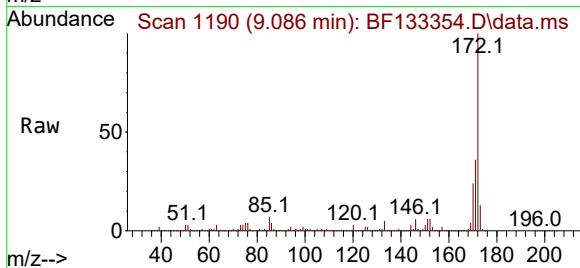
#45
2-Fluorobiphenyl
Concen: 79.531 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

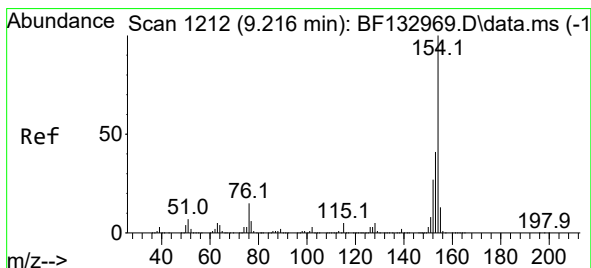
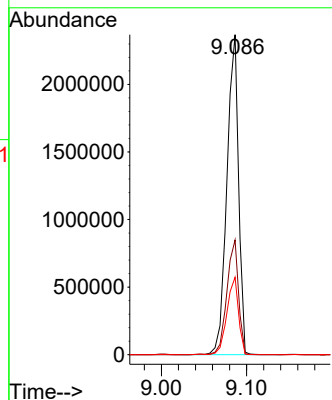
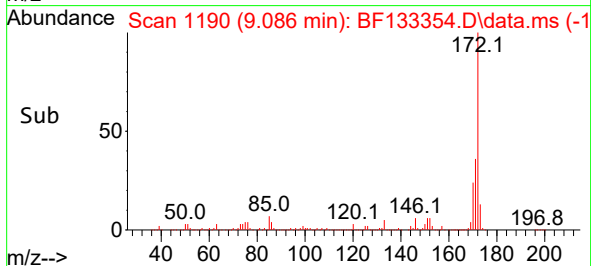


Tgt Ion:172 Resp: 225116
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.4 29.2

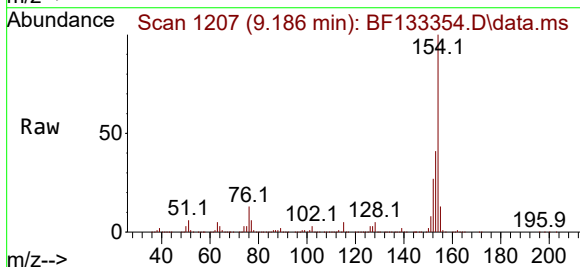
Manual Integrations

APPROVED

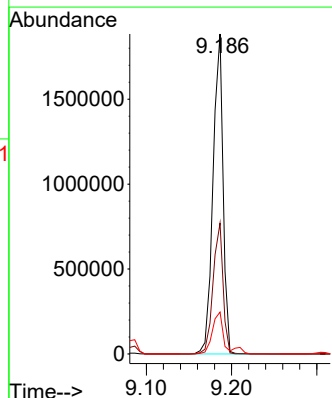
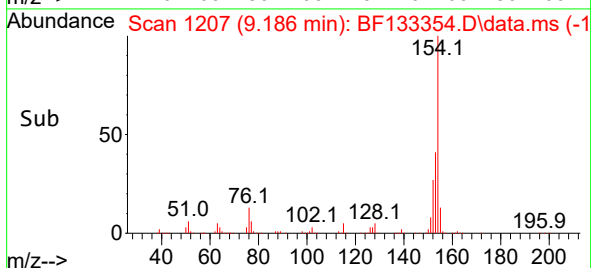
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

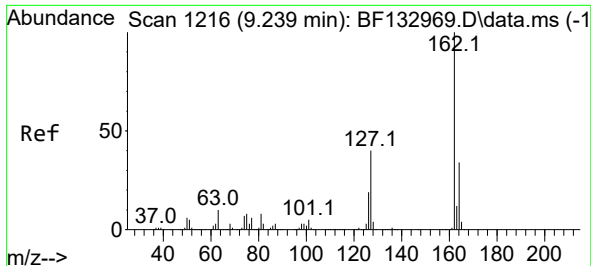


#46
1,1'-Biphenyl
Concen: 41.222 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



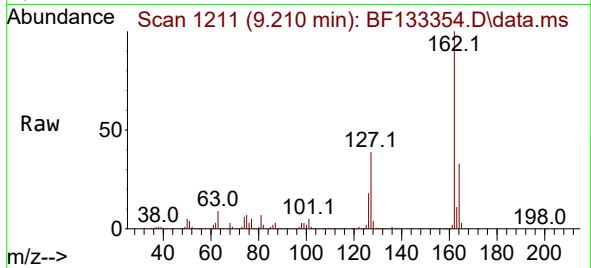
Tgt Ion:154 Resp: 1547925
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 13.1 0.0 34.5





#47
2-Chloronaphthalene
Concen: 42.588 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

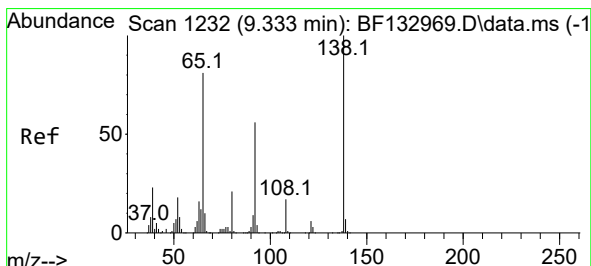
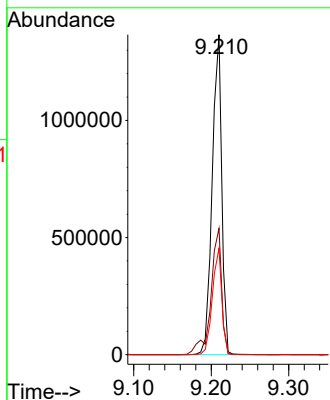
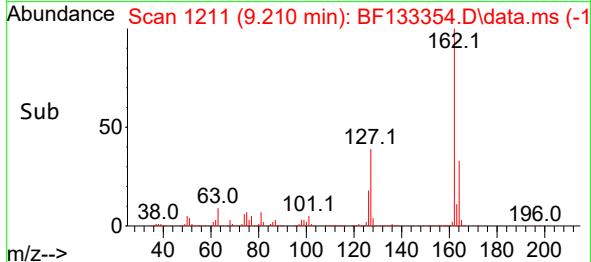
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:162 Resp: 1170519
Ion Ratio Lower Upper
162 100
127 39.5 32.3 48.5
164 33.2 26.8 40.2

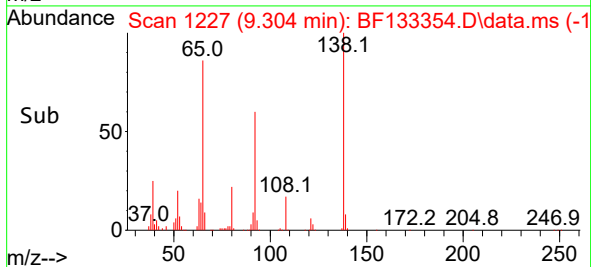
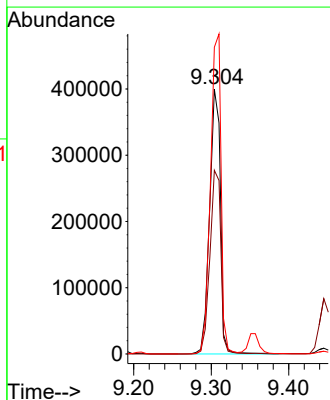
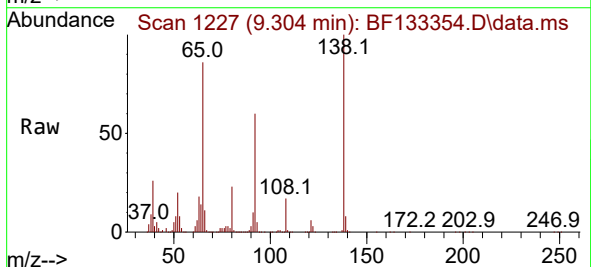
Manual Integrations
APPROVED

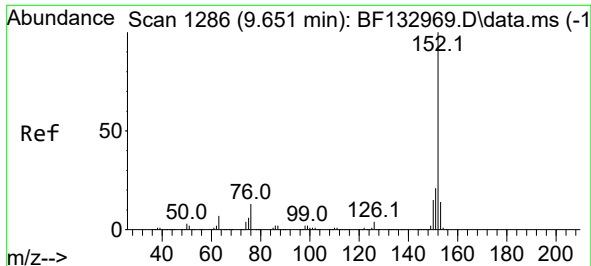
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#48
2-Nitroaniline
Concen: 42.537 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

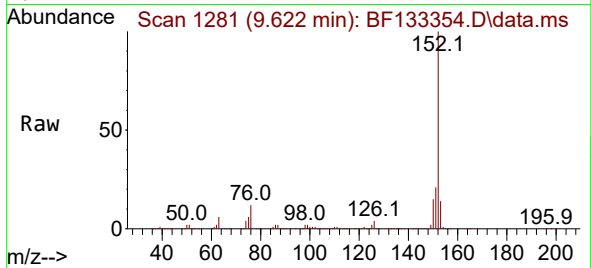
Tgt Ion: 65 Resp: 386387
Ion Ratio Lower Upper
65 100
92 69.4 55.4 83.0
138 115.8 98.2 147.2





#49
Acenaphthylene
Concen: 41.297 ng
RT: 9.622 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

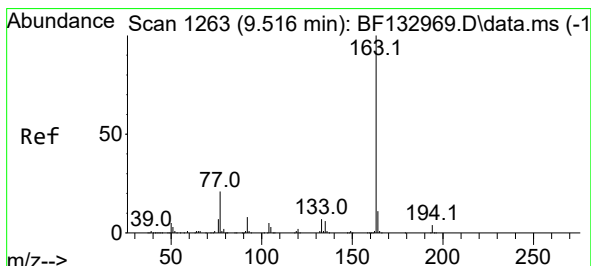
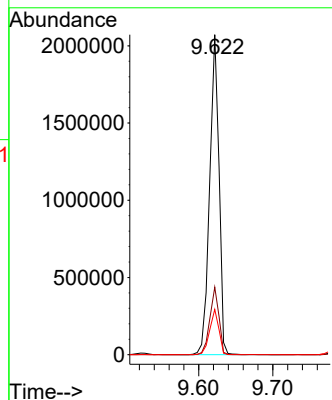
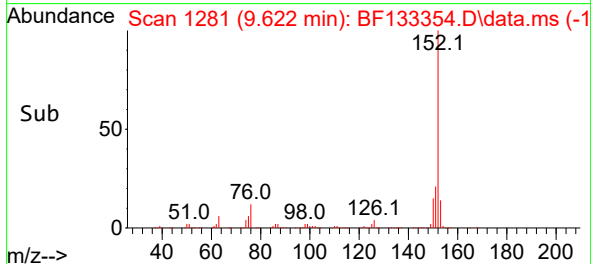
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



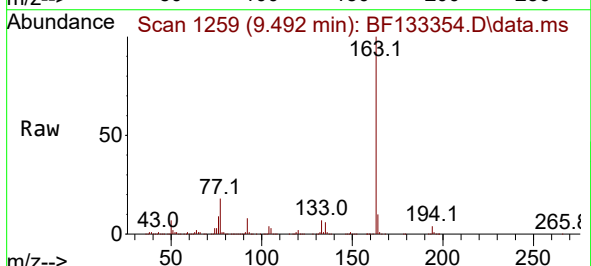
Tgt Ion:152 Resp: 181361
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 14.1 11.5 17.3

Manual Integrations
APPROVED

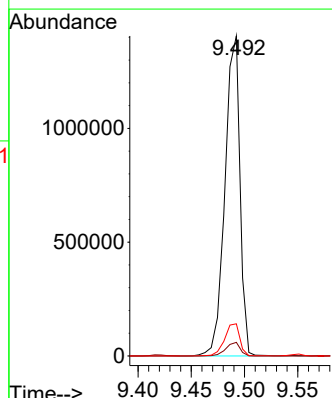
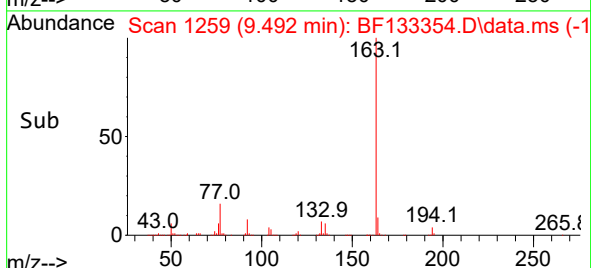
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

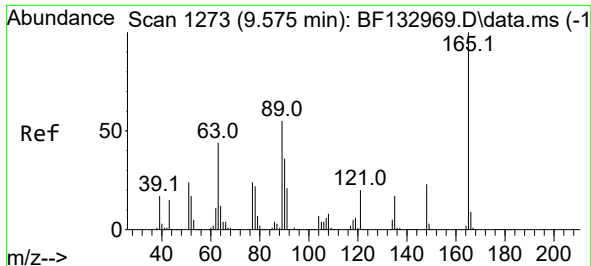


#50
Dimethylphthalate
Concen: 41.554 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



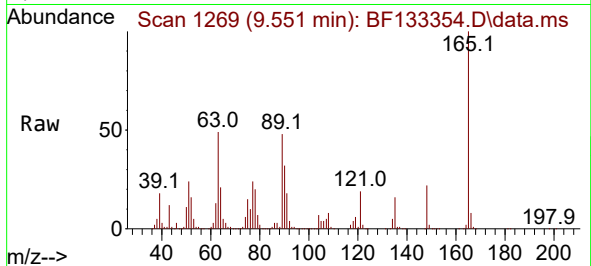
Tgt Ion:163 Resp: 1372095
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.300 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

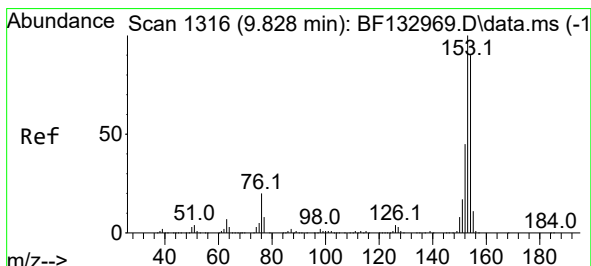
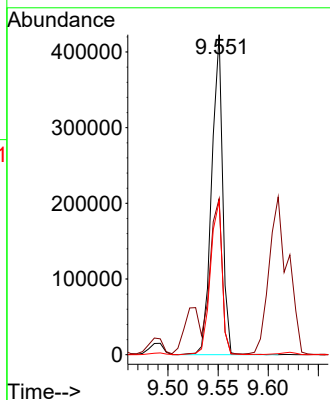
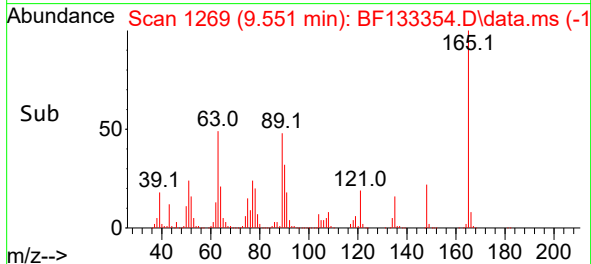
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:165 Resp: 321799
Ion Ratio Lower Upper
165 100
63 48.8 45.9 68.9
89 48.0 44.0 66.0

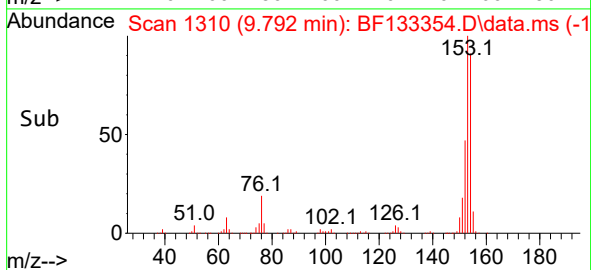
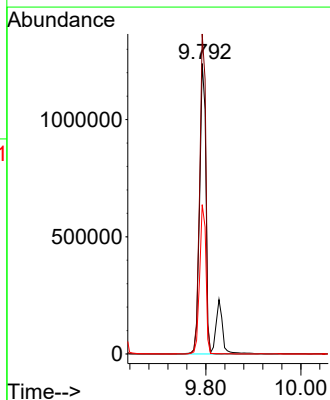
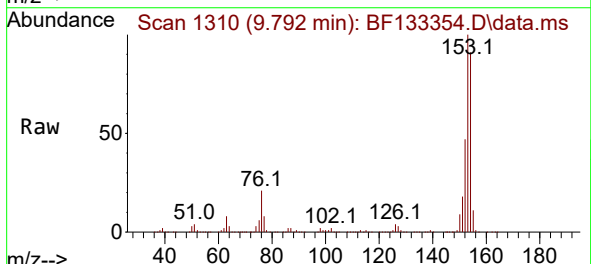
Manual Integrations
APPROVED

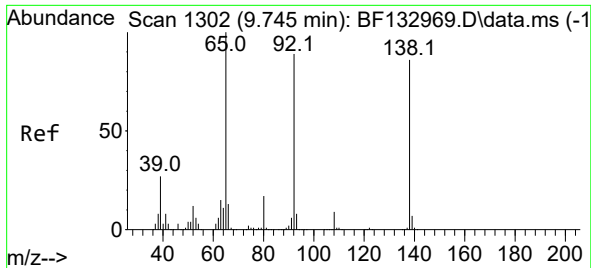
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#52
Acenaphthene
Concen: 45.756 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

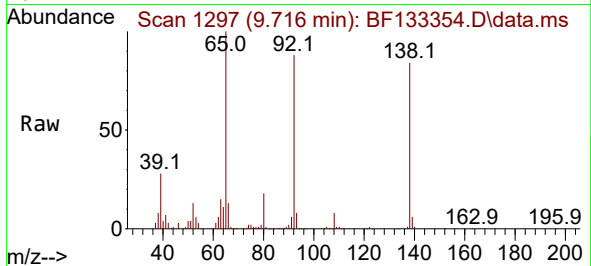
Tgt Ion:154 Resp: 1345808
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.6
152 51.4 40.4 60.6





#53
3-Nitroaniline
Concen: 32.898 ng
RT: 9.716 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

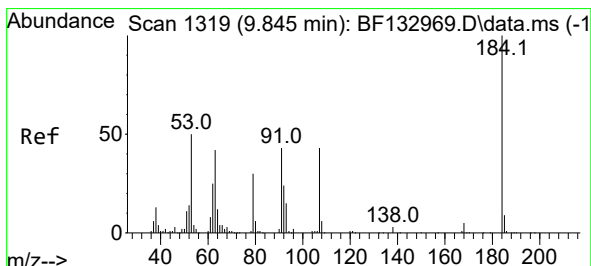
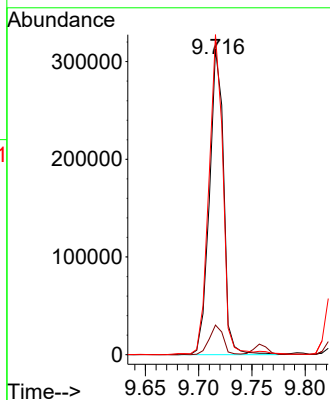
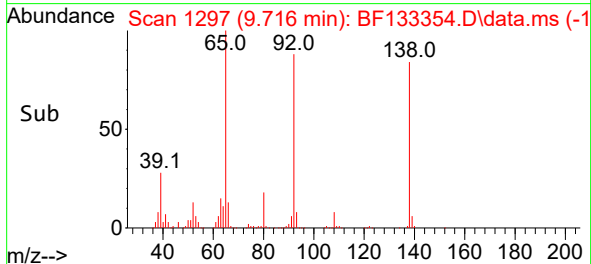
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:138 Resp: 290709
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 104.8 83.6 125.4

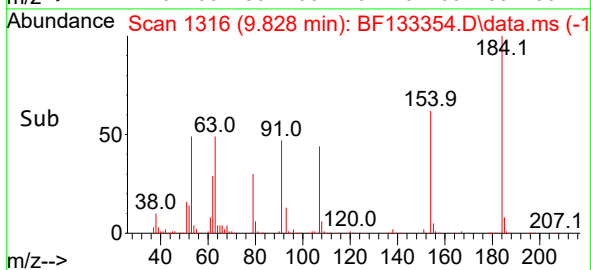
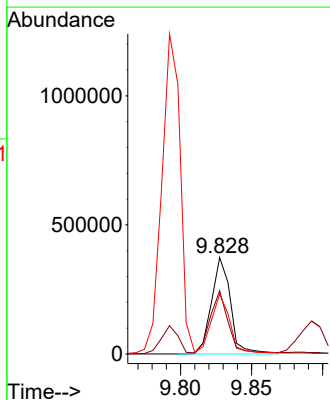
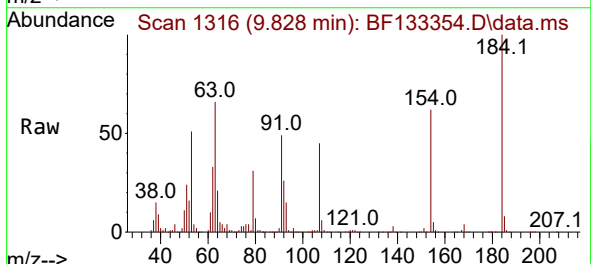
Manual Integrations
APPROVED

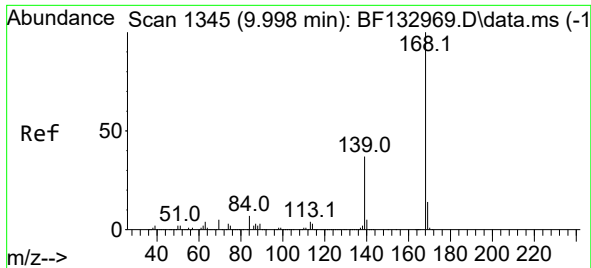
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#54
2,4-Dinitrophenol
Concen: 93.458 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

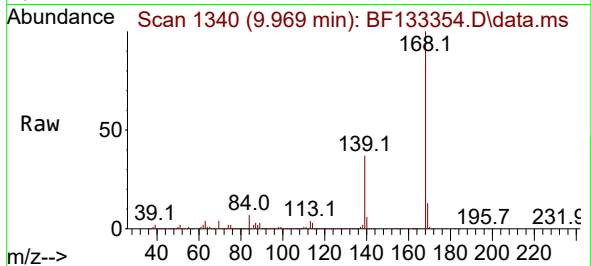
Tgt Ion:184 Resp: 349124
Ion Ratio Lower Upper
184 100
63 65.6 49.8 74.8
154 62.2 49.5 74.3





#55
Dibenzenofuran
Concen: 39.426 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

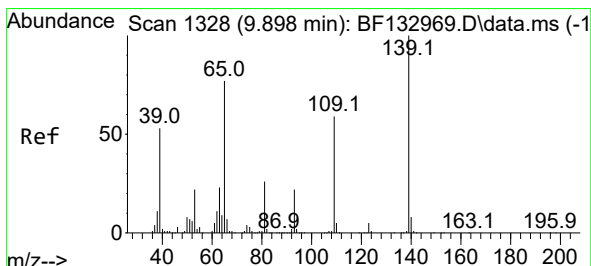
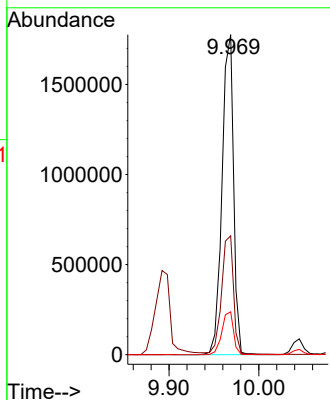
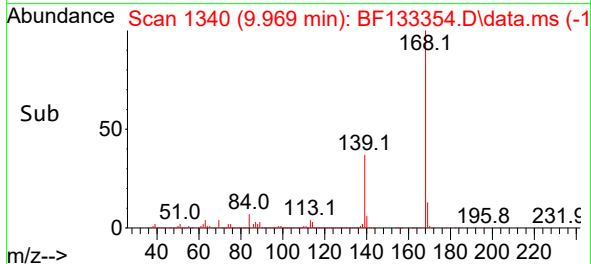
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



Tgt Ion:168 Resp: 1581834
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 13.4 10.8 16.2

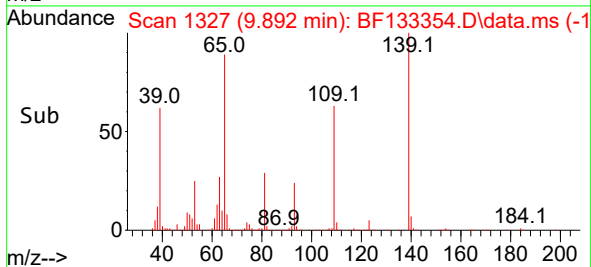
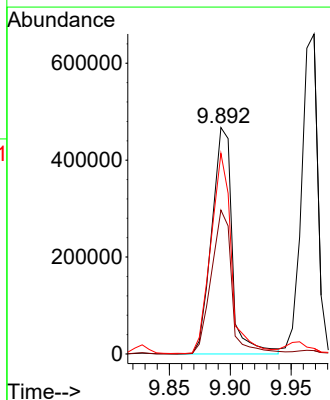
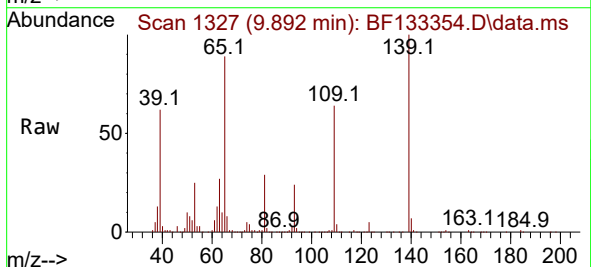
Manual Integrations
APPROVED

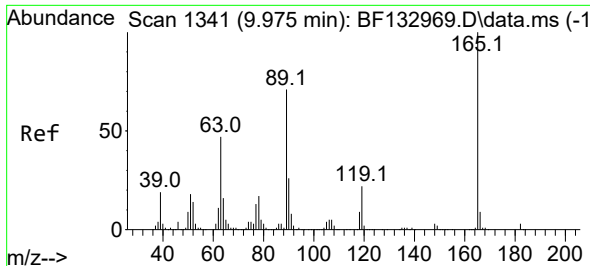
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#56
4-Nitrophenol
Concen: 79.929 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Tgt Ion:139 Resp: 547049
Ion Ratio Lower Upper
139 100
109 63.5 39.4 79.4
65 88.6 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 43.333 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF133354.D

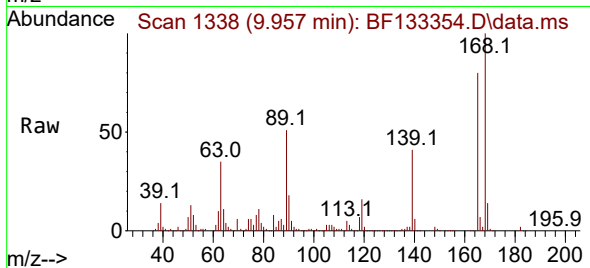
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD



Tgt Ion:165 Resp: 41069

Ion Ratio Lower Upper

165 100

63 43.5 37.7 56.5

89 63.9 57.0 85.4

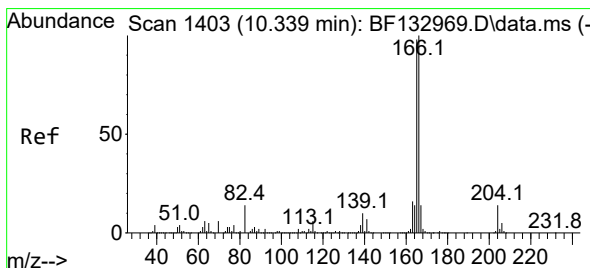
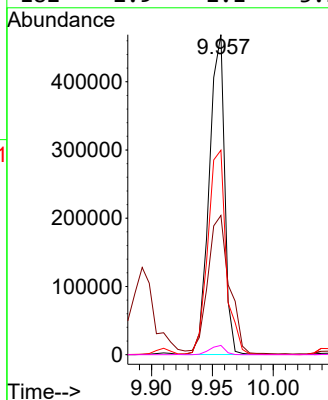
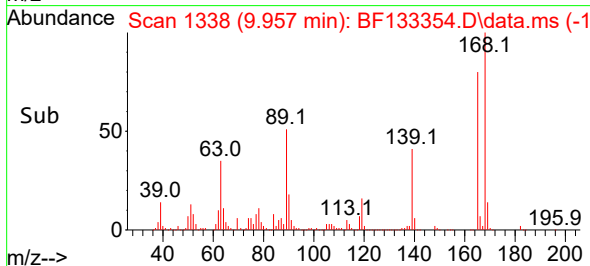
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#58

Fluorene

Concen: 40.228 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

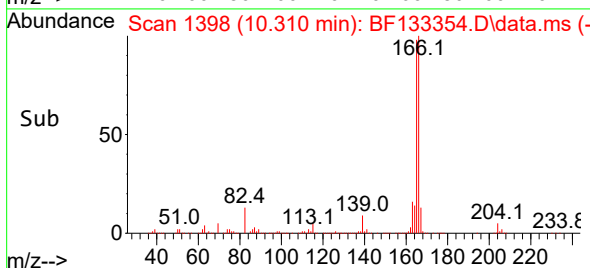
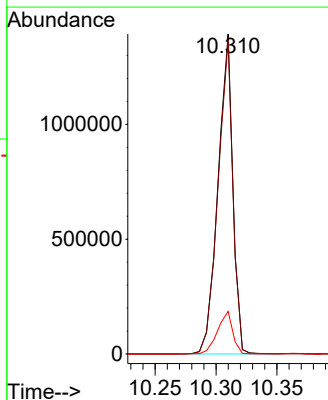
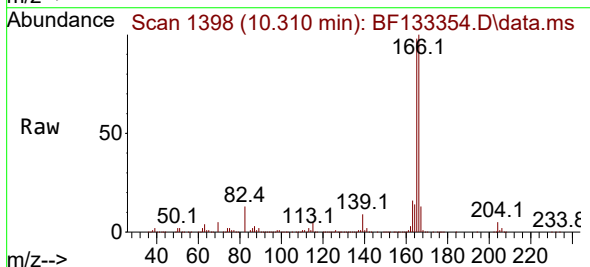
Tgt Ion:166 Resp: 1182490

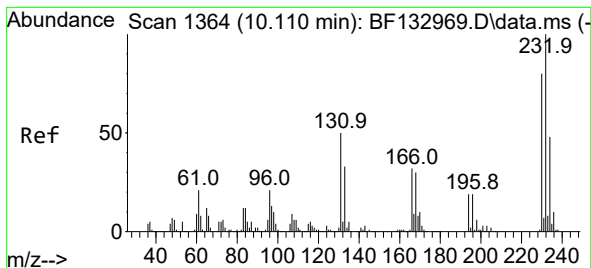
Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

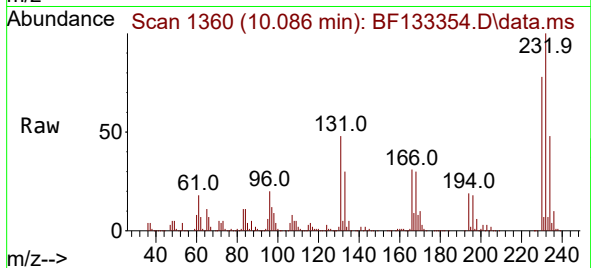
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.222 ng
RT: 10.086 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

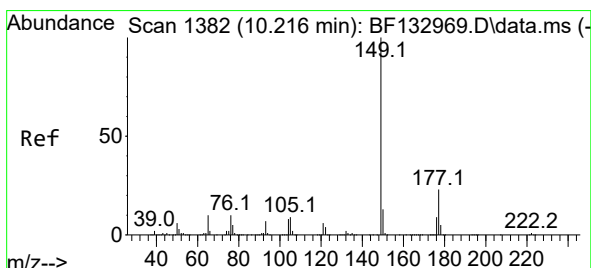
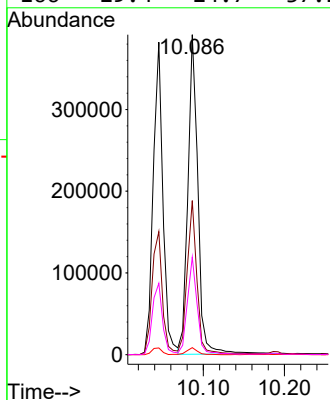
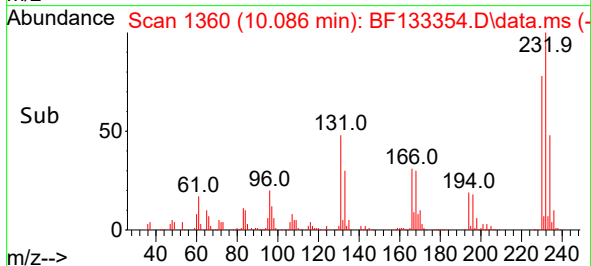
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



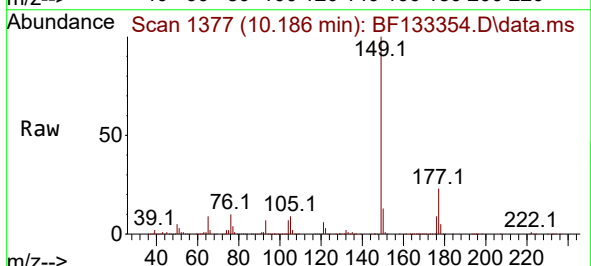
Tgt Ion:232 Resp: 33334
Ion Ratio Lower Upper
232 100
131 46.4 38.0 57.0
130 2.3 1.8 2.8
166 29.4 24.7 37.1

Manual Integrations
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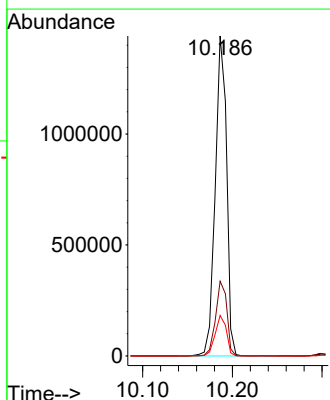
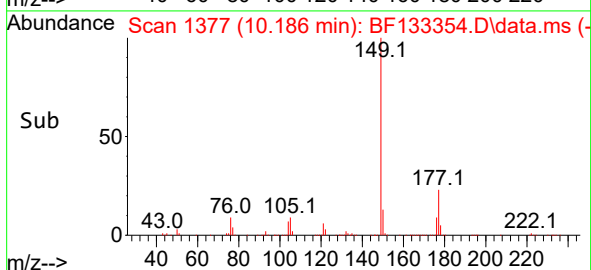
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

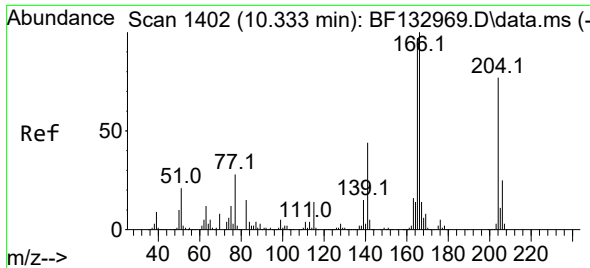


#60
Diethylphthalate
Concen: 40.568 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



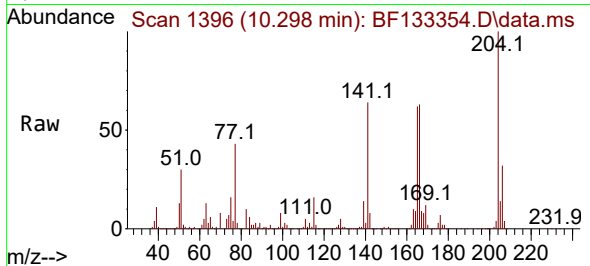
Tgt Ion:149 Resp: 1265278
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.159 ng
RT: 10.298 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

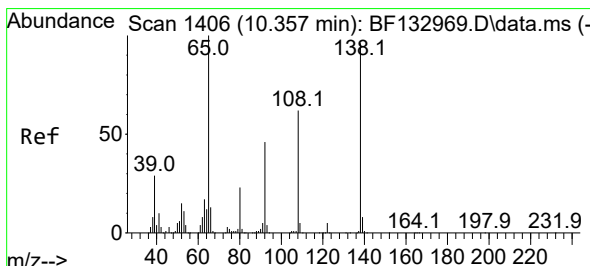
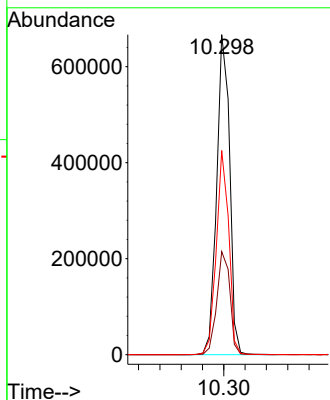
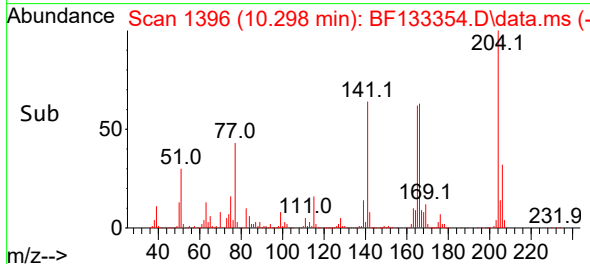
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



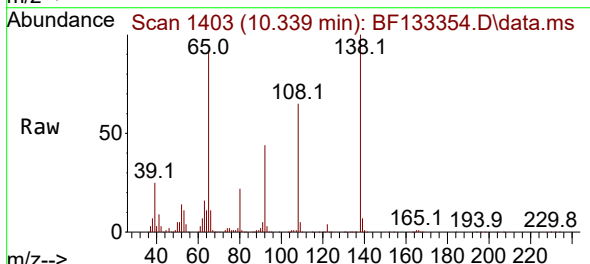
Tgt Ion:204 Resp: 560939
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 63.8 46.1 69.1

Manual Integrations
APPROVED

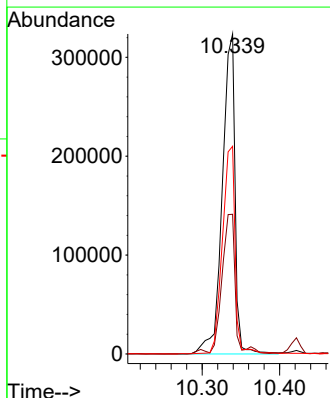
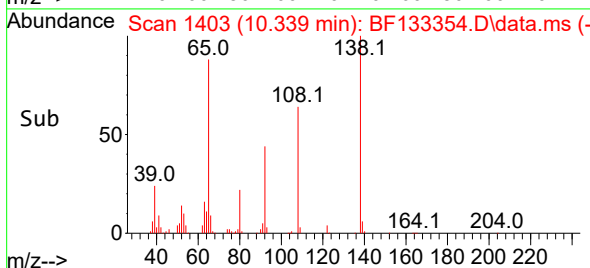
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

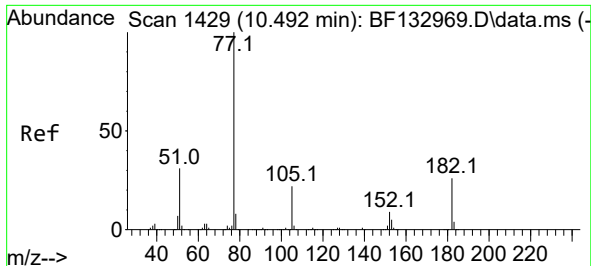


#62
4-Nitroaniline
Concen: 45.829 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



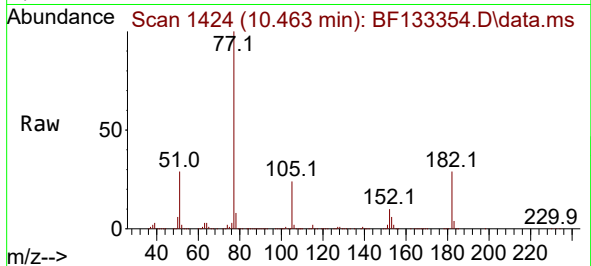
Tgt Ion:138 Resp: 372216
Ion Ratio Lower Upper
138 100
92 43.6 27.7 67.7
108 64.9 45.2 85.2





#63
Azobenzene
Concen: 38.485 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :
BNA_F
ClientSampleId :
PB152724BSD

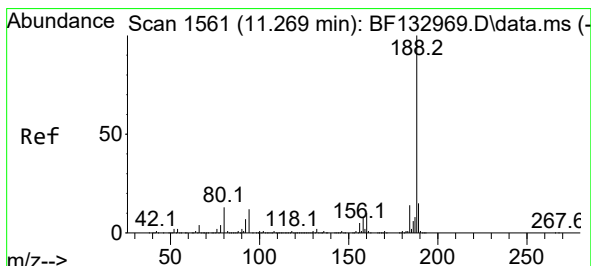
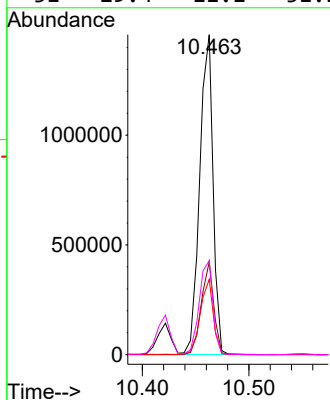
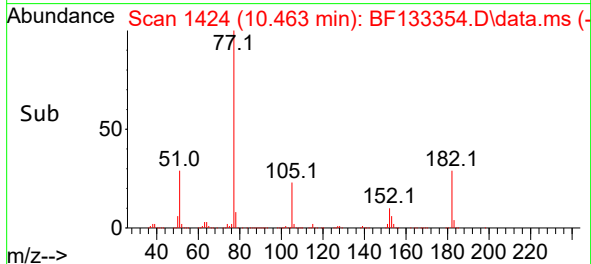


Tgt Ion: 77 Resp: 1271529

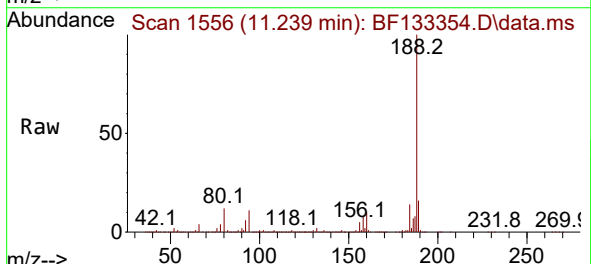
Ion	Ratio	Lower	Upper
77	100		
182	29.0	5.9	45.9
105	23.6	2.3	42.3
51	29.4	11.1	51.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

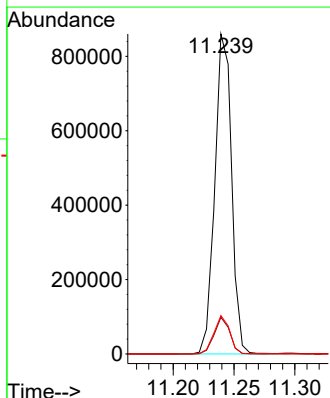
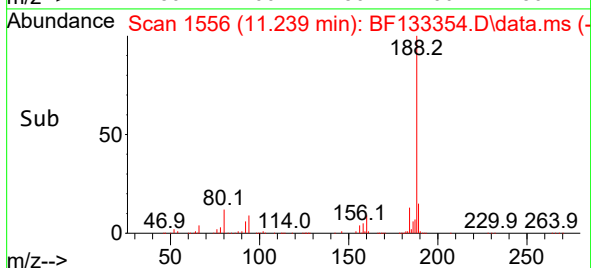


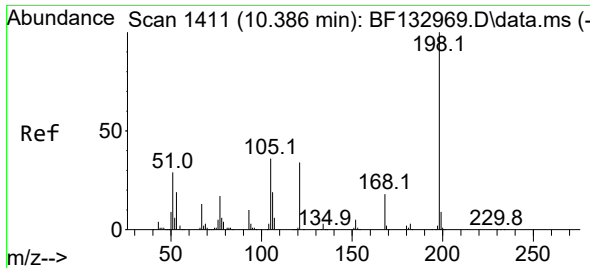
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:188 Resp: 825096

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.7	14.5
80	12.0	10.4	15.6





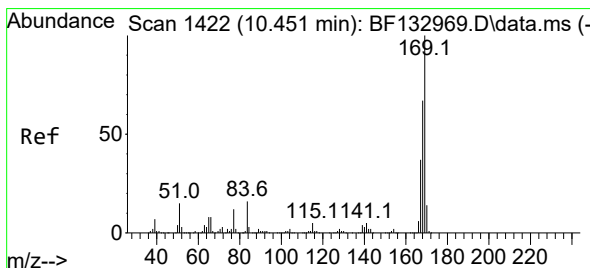
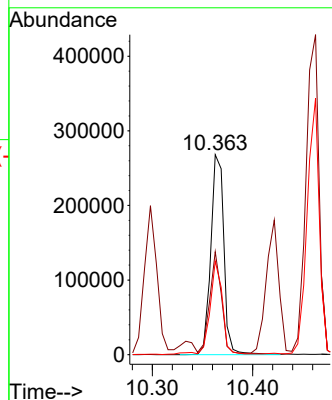
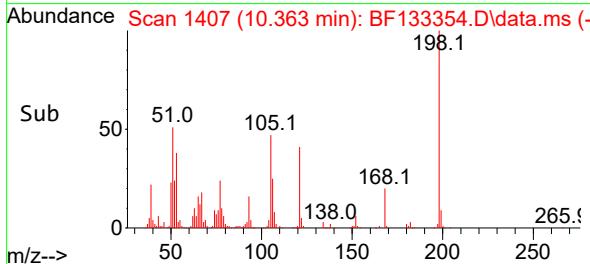
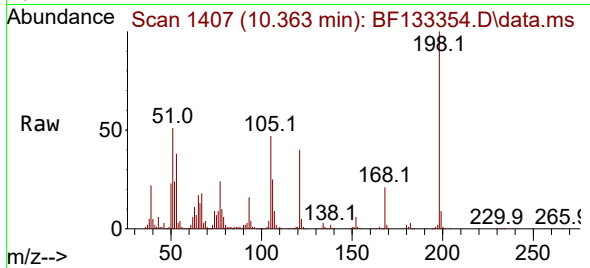
#65
4,6-Dinitro-2-methylphenol
Concen: 48.462 ng
RT: 10.363 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

Instrument :
BNA_F
ClientSampleId :
PB152724BSD

Tgt Ion:198 Resp: 242364
Ion Ratio Lower Upper
198 100
51 51.4 15.5 55.5
105 46.8 16.7 56.7

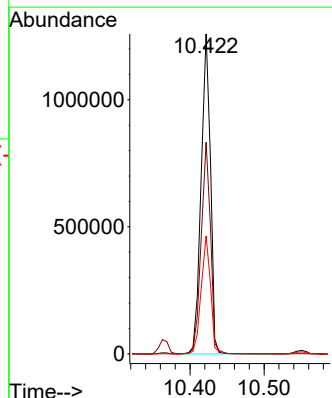
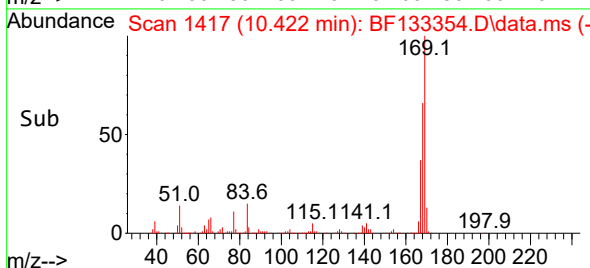
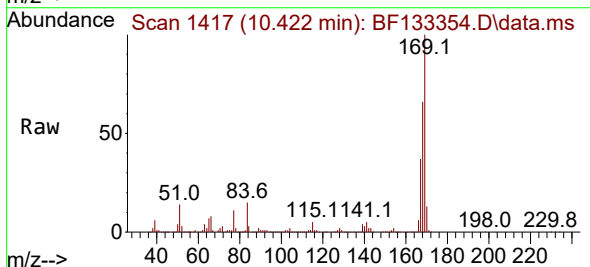
Manual Integrations
APPROVED

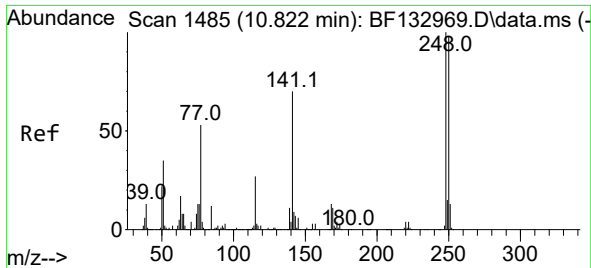
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#66
n-Nitrosodiphenylamine
Concen: 41.074 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

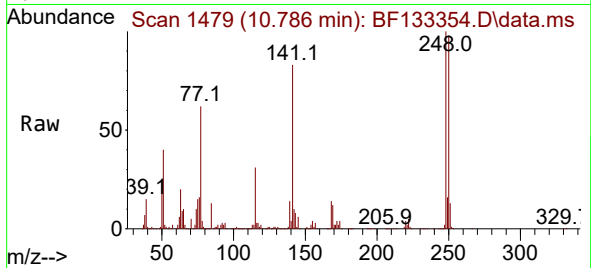
Tgt Ion:169 Resp: 1099294
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.8
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.435 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

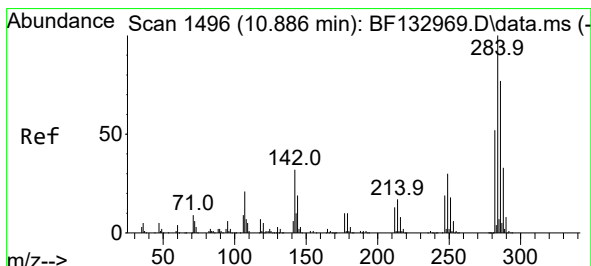
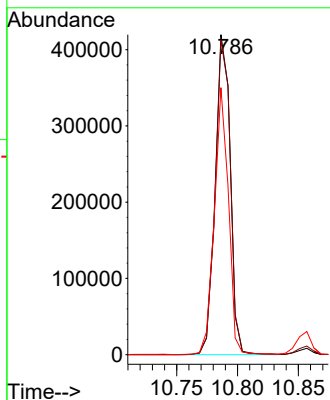
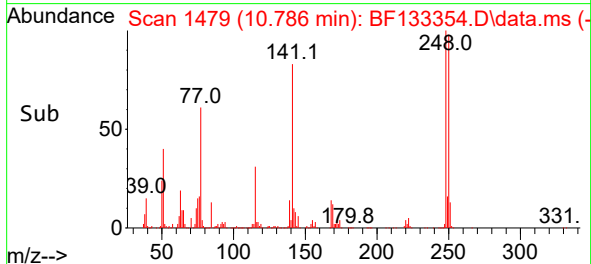
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



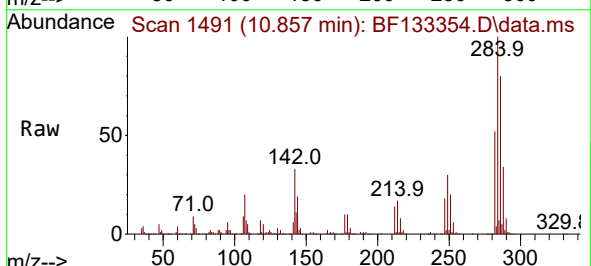
Tgt Ion:248 Resp: 36184
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 83.4 56.3 84.5

Manual Integrations
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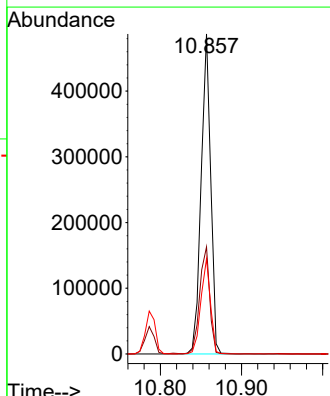
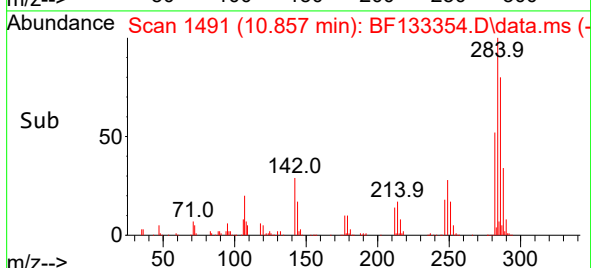
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

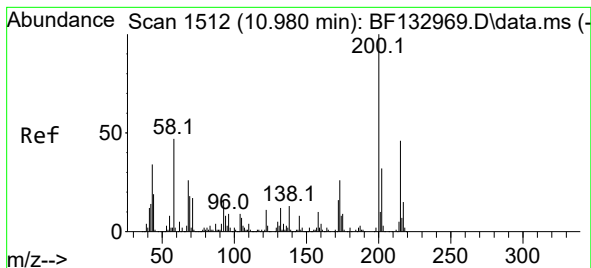


#68
Hexachlorobenzene
Concen: 43.437 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:284 Resp: 398297
Ion Ratio Lower Upper
284 100
142 33.4 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 47.526 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133354.D

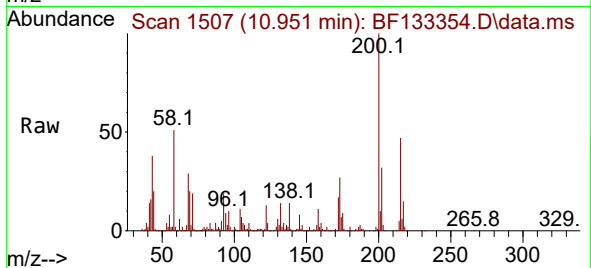
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

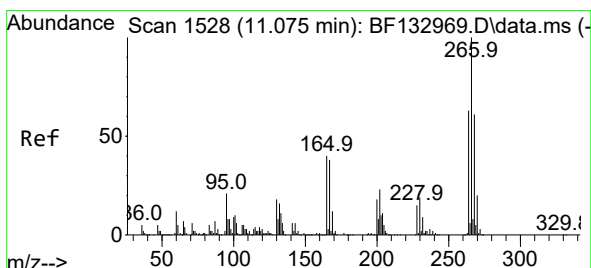
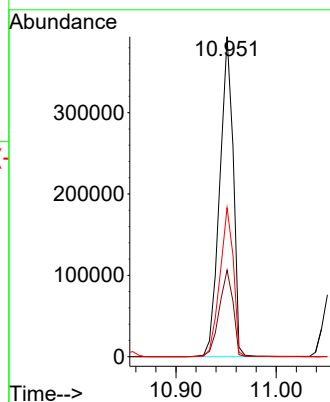
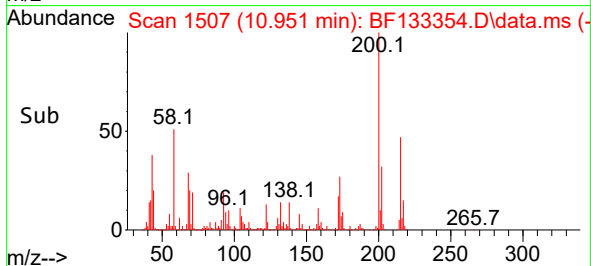


Tgt Ion:	200	Resp:	366519
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.2	46.2
215	46.6	26.3	66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#70

Pentachlorophenol

Concen: 69.416 ng

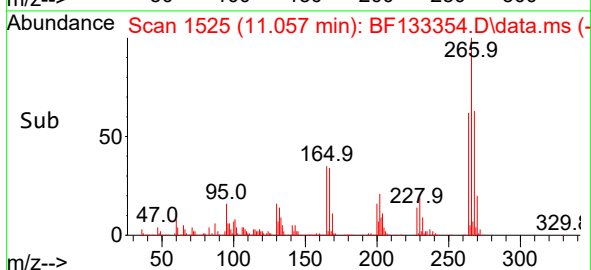
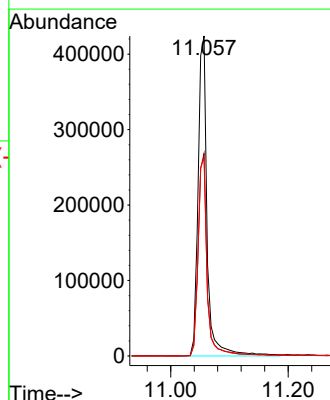
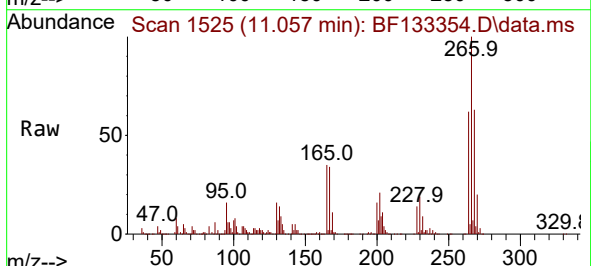
RT: 11.057 min Scan# 1525

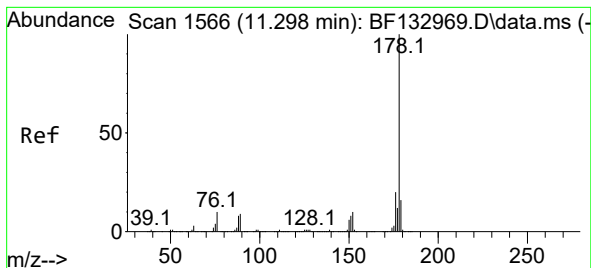
Delta R.T. 0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Tgt Ion:	266	Resp:	453322
Ion Ratio	Lower	Upper	
266	100		
268	63.3	48.8	73.2
264	61.9	50.6	76.0





#71

Phenanthrene

Concen: 40.861 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

Tgt Ion:178 Resp: 181204

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

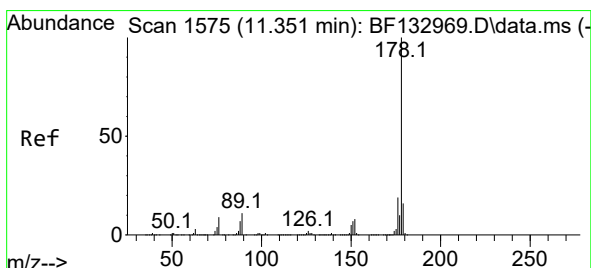
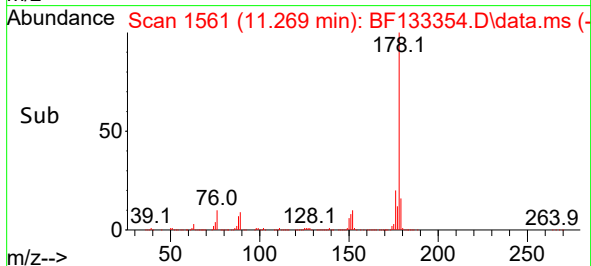
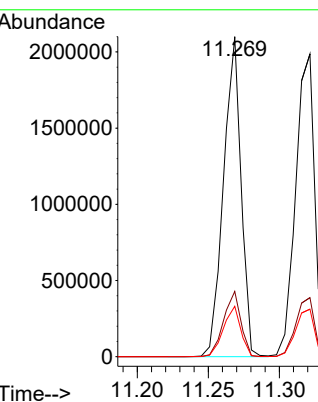
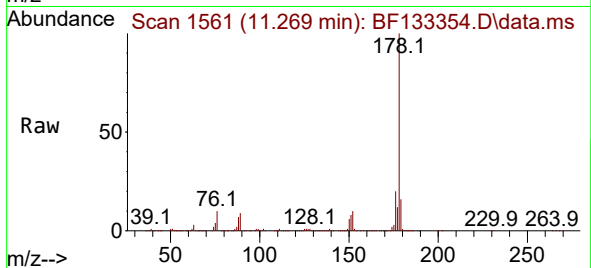
179 15.8 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#72

Anthracene

Concen: 40.783 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

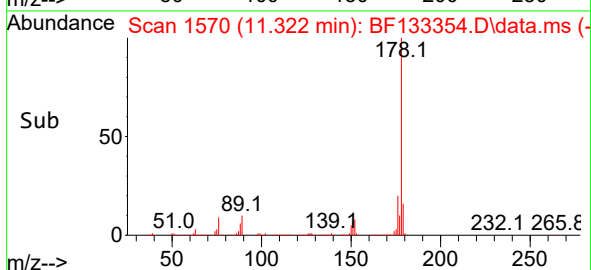
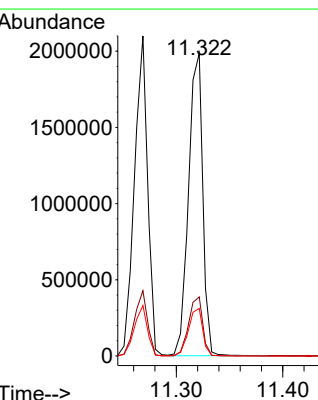
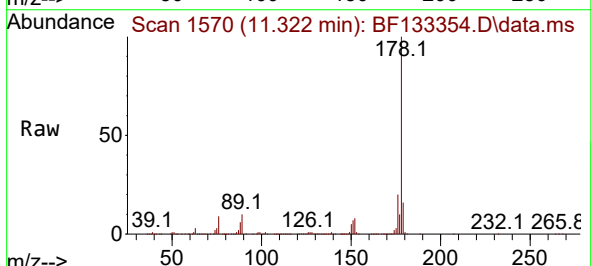
Tgt Ion:178 Resp: 1850862

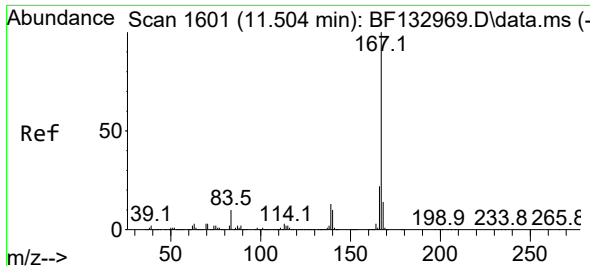
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

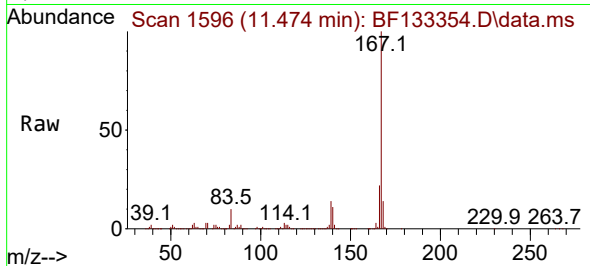
179 15.7 12.4 18.6





#73
Carbazole
Concen: 42.927 ng
RT: 11.474 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

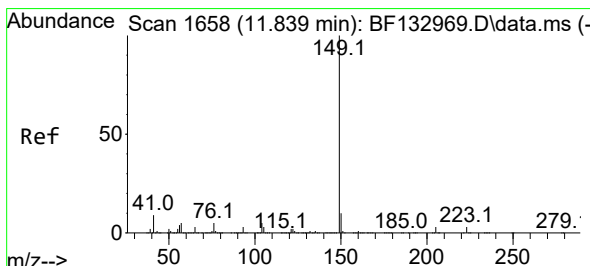
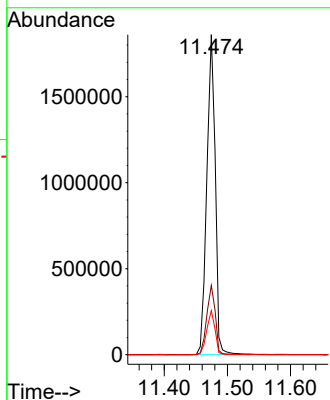
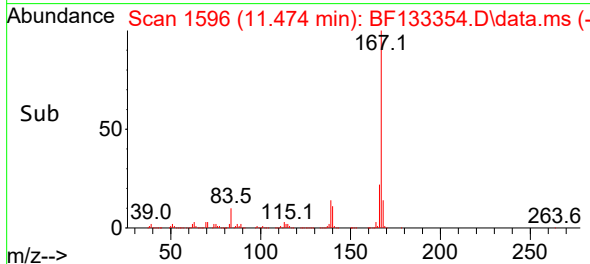
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



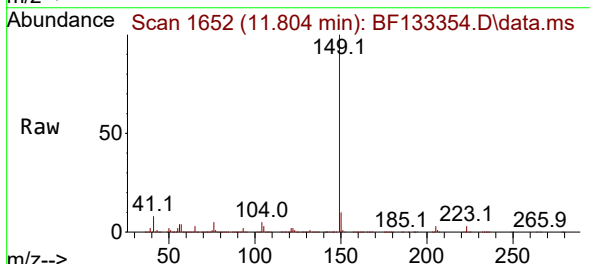
Tgt Ion:167 Resp: 1734720
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 13.8 10.6 16.0

Manual Integrations
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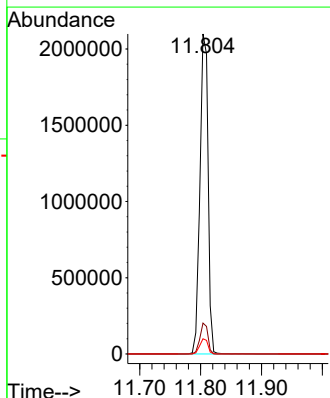
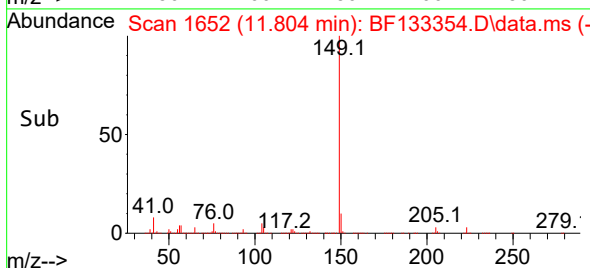
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

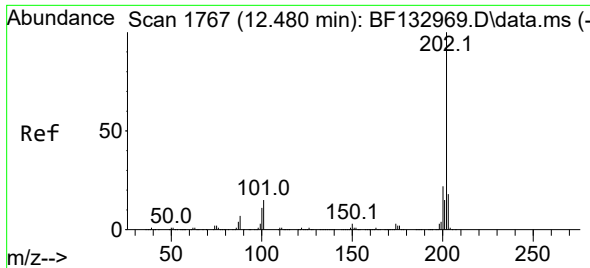


#74
Di-n-butylphthalate
Concen: 42.405 ng
RT: 11.804 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



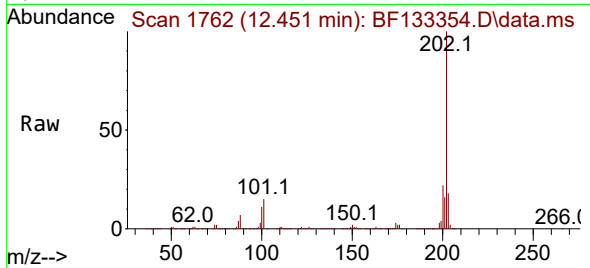
Tgt Ion:149 Resp: 1939228
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 41.265 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

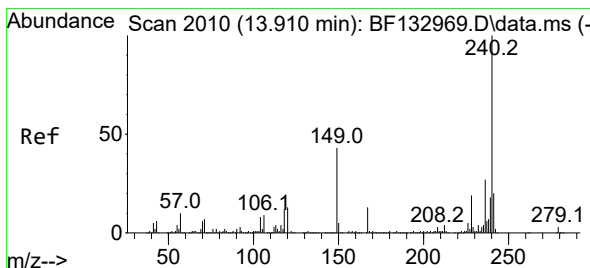
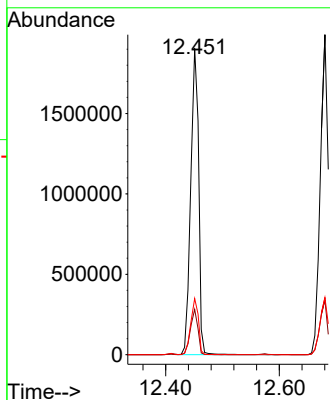
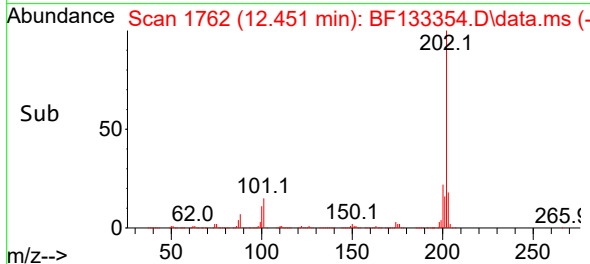
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



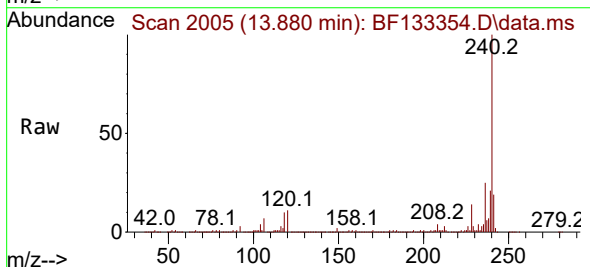
Tgt Ion:202 Resp: 1836584
Ion Ratio Lower Upper
202 100
101 14.8 0.0 35.3
203 18.3 0.0 38.1

Manual Integrations
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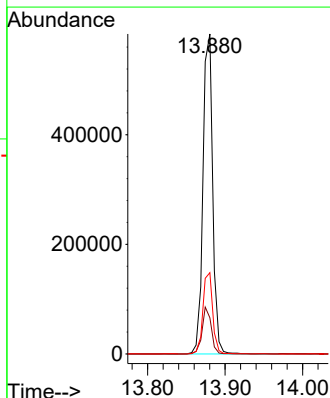
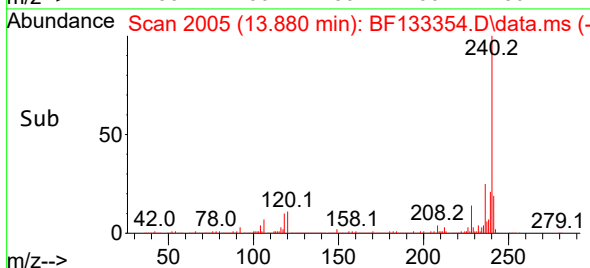
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

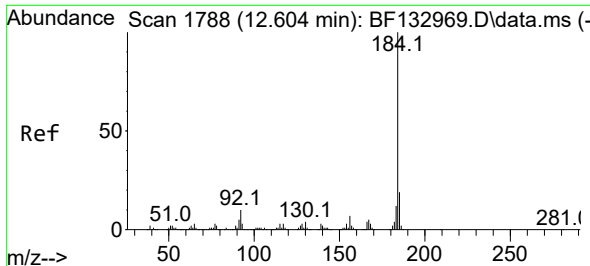


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



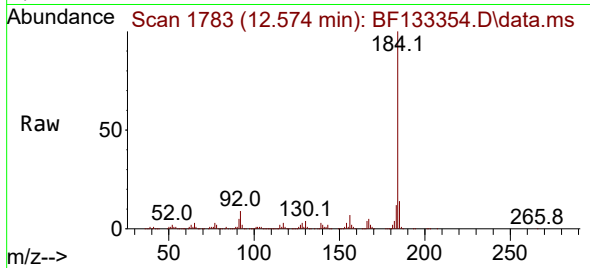
Tgt Ion:240 Resp: 510841
Ion Ratio Lower Upper
240 100
120 11.3 10.5 15.7
236 25.4 21.5 32.3





#77
Benzidine
Concen: 77.112 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

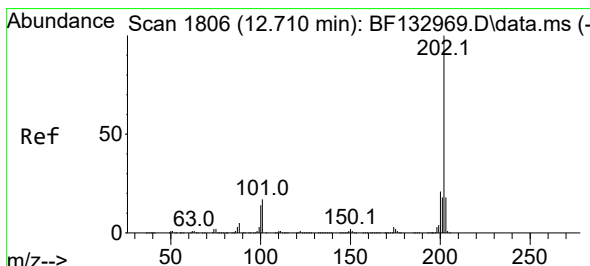
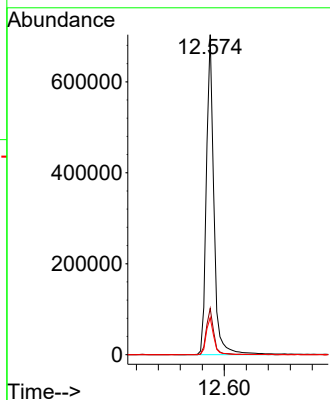
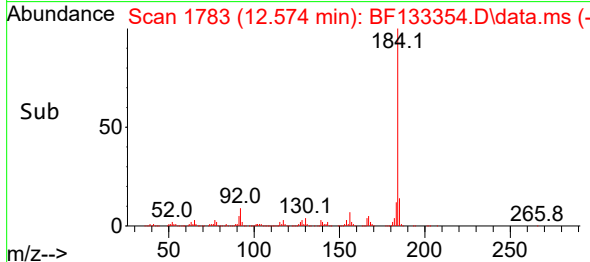
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



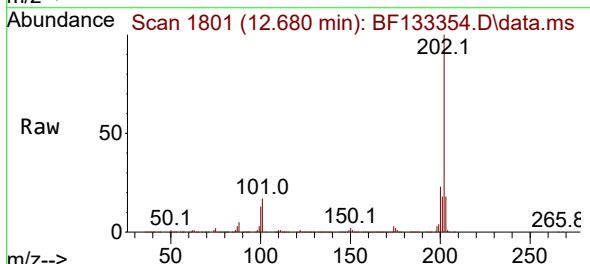
Tgt Ion:184 Resp: 666130
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2
183 11.6 9.4 14.0

Manual Integrations
APPROVED

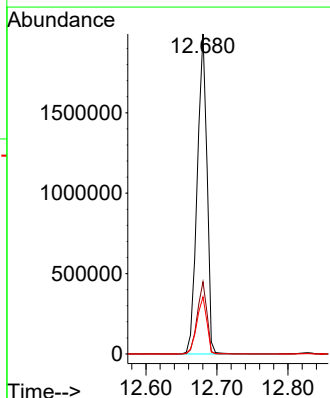
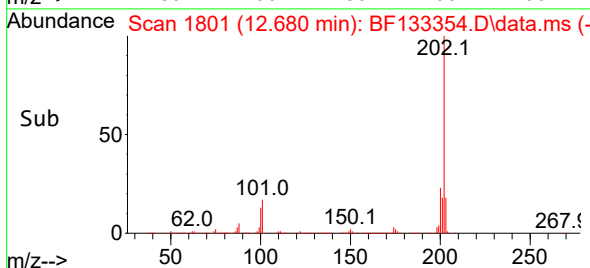
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

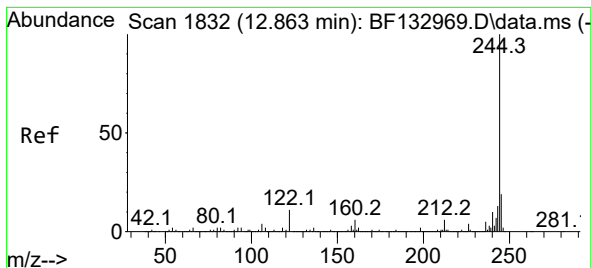


#78
Pyrene
Concen: 43.370 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:202 Resp: 1899209
Ion Ratio Lower Upper
202 100
200 22.6 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 85.682 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133354.D

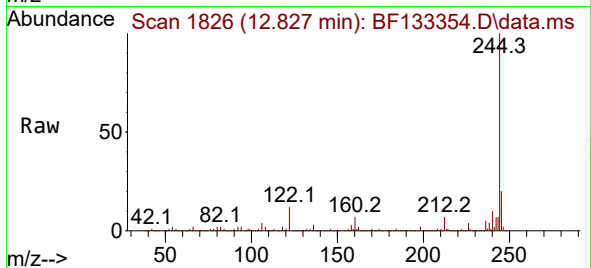
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD



Tgt Ion:244 Resp: 253786

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

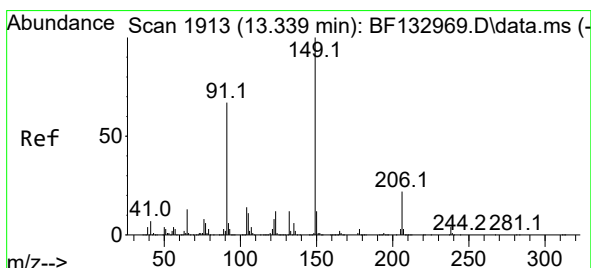
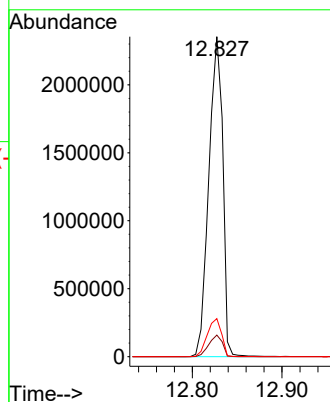
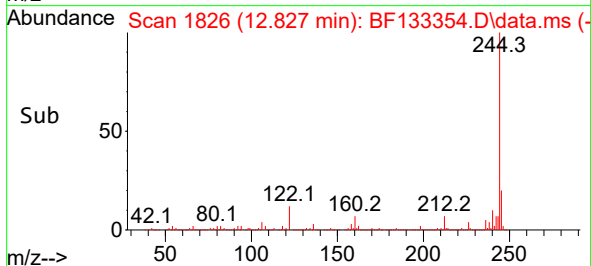
122 11.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#80

Butylbenzylphthalate

Concen: 52.138 ng

RT: 13.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

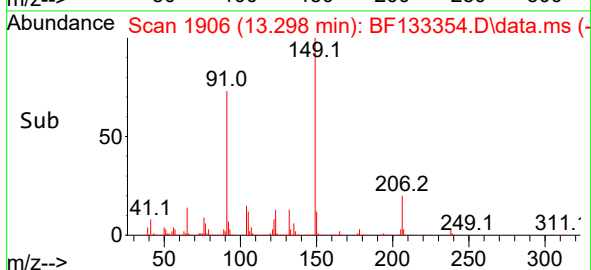
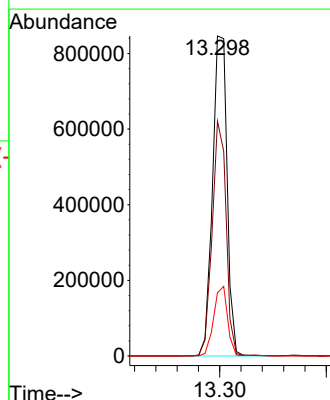
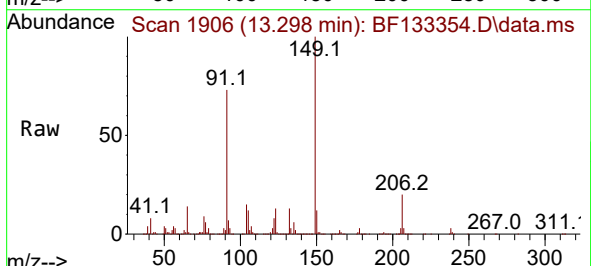
Tgt Ion:149 Resp: 808403

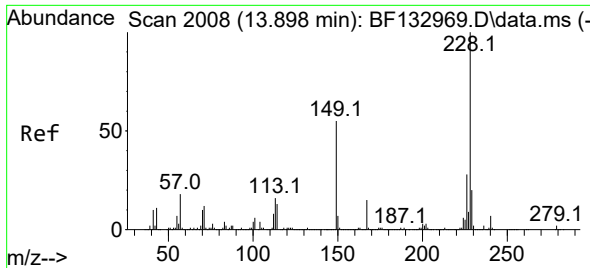
Ion Ratio Lower Upper

149 100

91 73.4 53.8 80.6

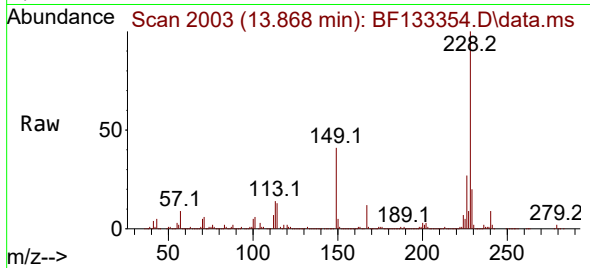
206 19.7 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.261 ng
RT: 13.868 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

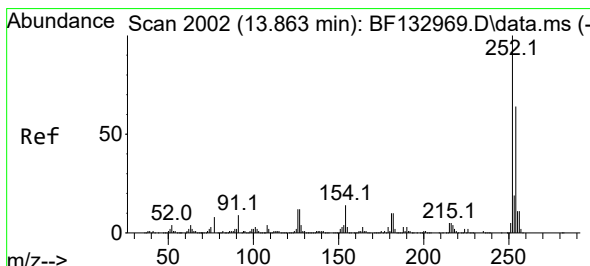
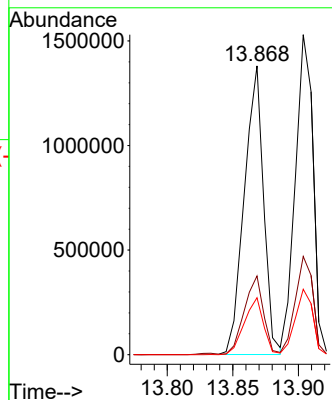
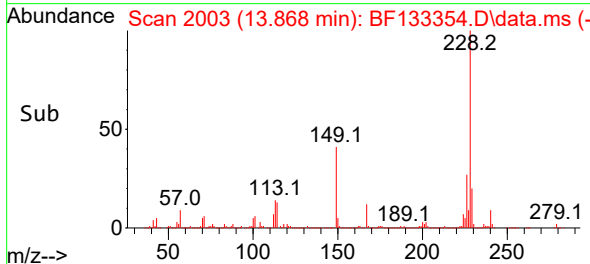
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



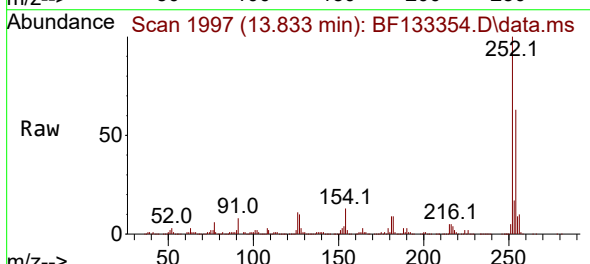
Tgt Ion:228 Resp: 141433
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.8 16.0 24.0

Manual Integrations
APPROVED

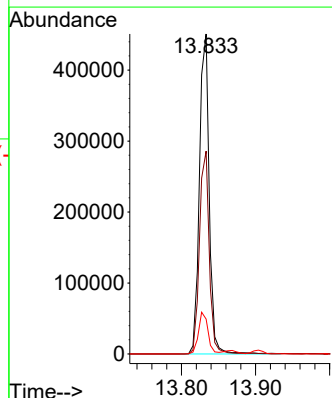
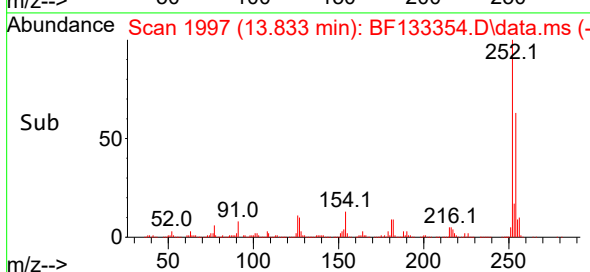
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

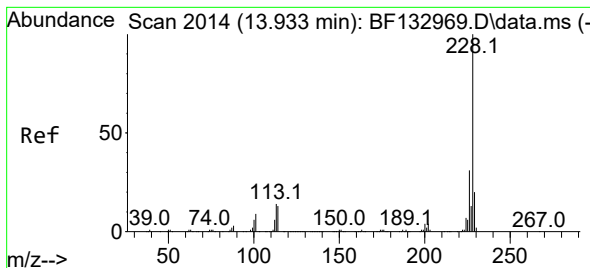


#82
3,3'-Dichlorobenzidine
Concen: 42.486 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:252 Resp: 412299
Ion Ratio Lower Upper
252 100
254 63.4 51.5 77.3
126 10.9 9.5 14.3





#83

Chrysene

Concen: 41.217 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133354.D

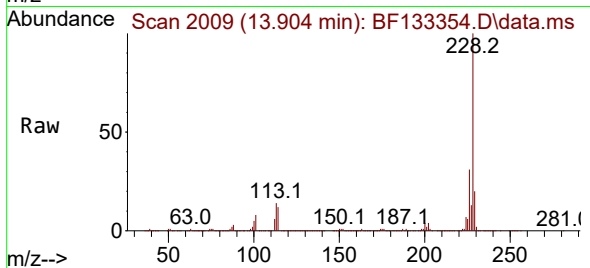
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD



Tgt Ion:228 Resp: 1447560

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

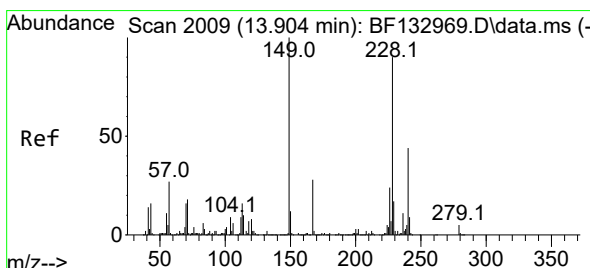
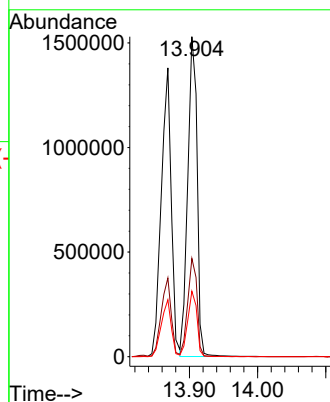
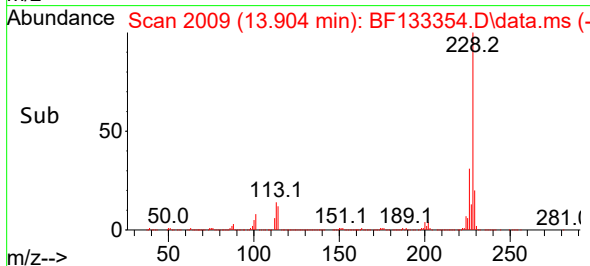
229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.675 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

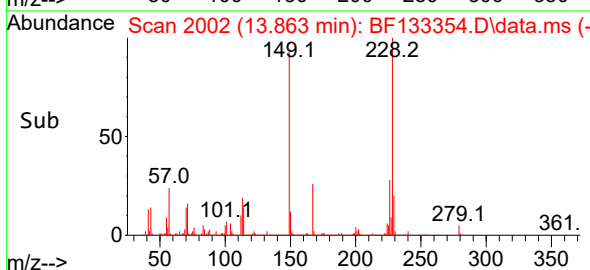
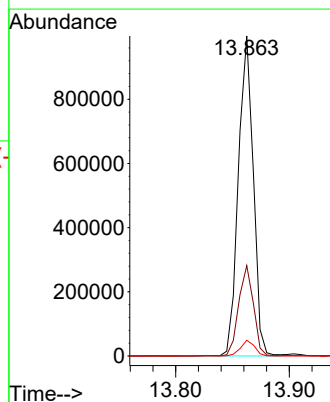
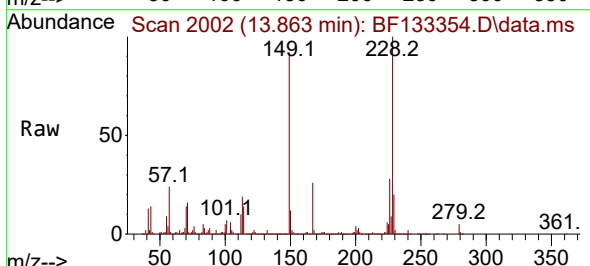
Tgt Ion:149 Resp: 908380

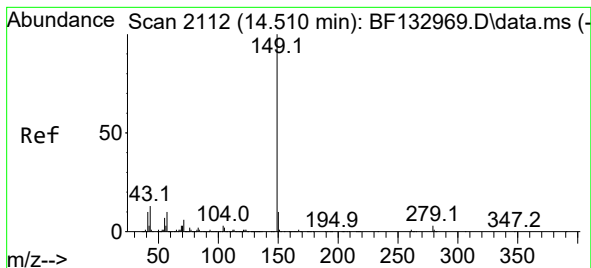
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.9 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 48.573 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BF133354.D

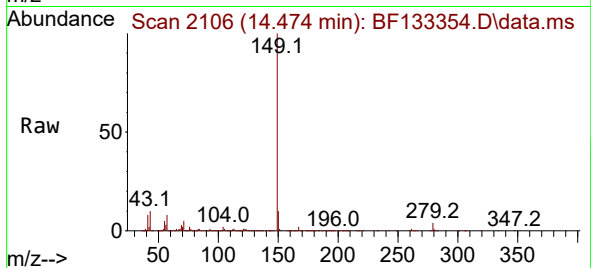
Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD



Tgt Ion:149 Resp: 1541394

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

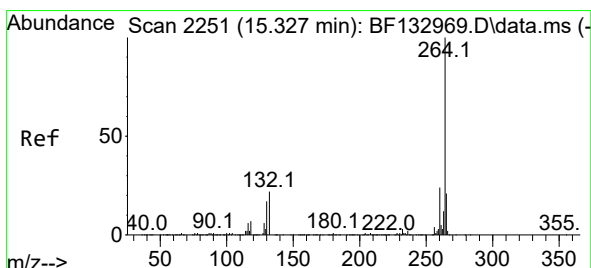
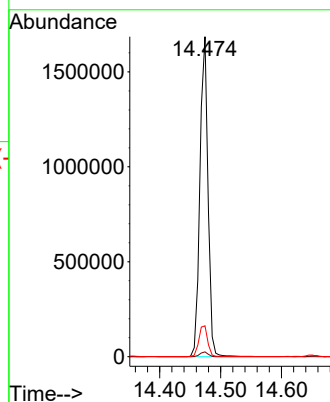
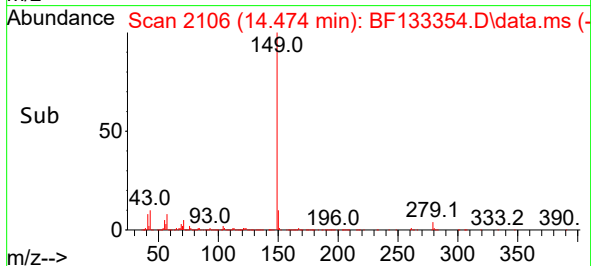
43 10.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

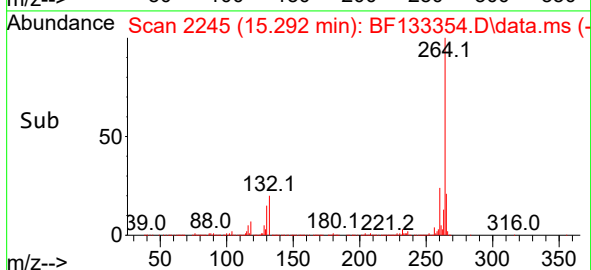
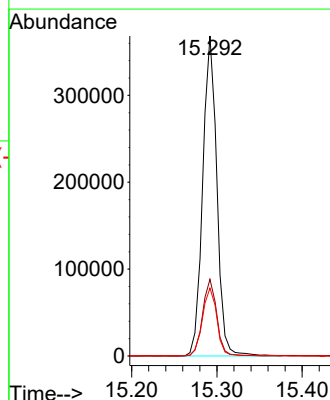
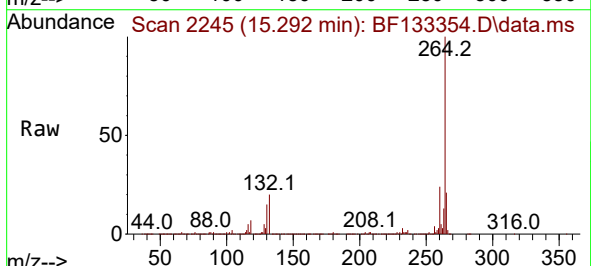
Tgt Ion:264 Resp: 423824

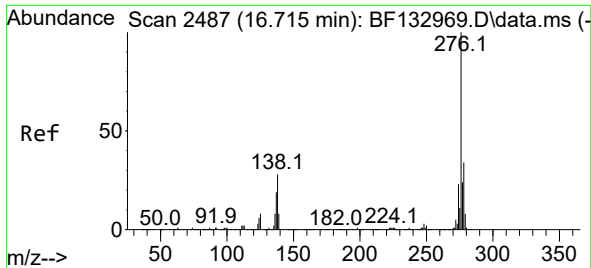
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

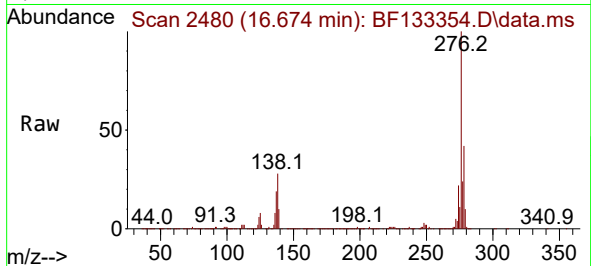
265 21.2 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.494 ng
 RT: 16.674 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BF133354.D
 Acq: 11 May 2023 14:47

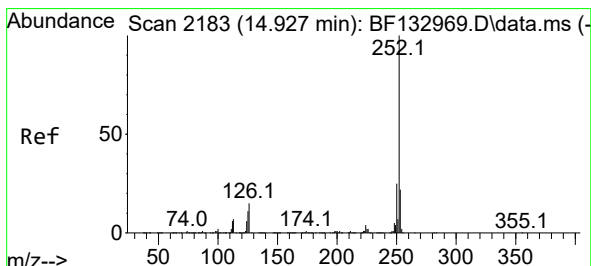
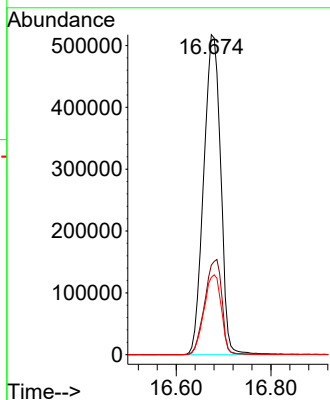
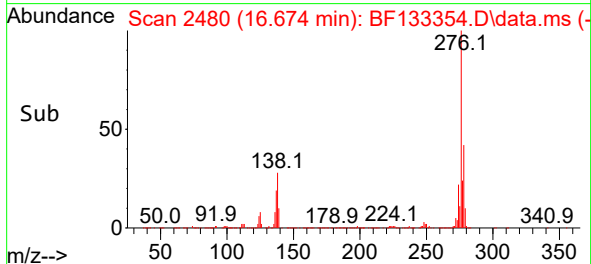
Instrument :
 BNA_F
 ClientSampleId :
 PB152724BSD



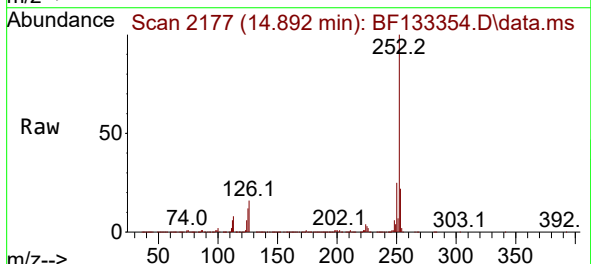
Tgt Ion:276 Resp: 128964
 Ion Ratio Lower Upper
 276 100
 138 29.9 25.5 38.3
 277 25.5 20.4 30.6

Manual Integrations
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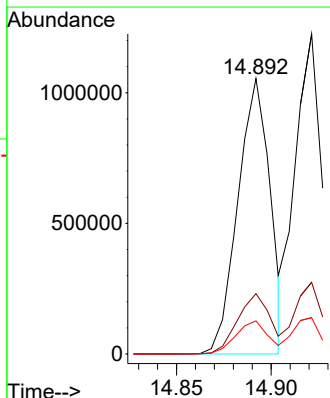
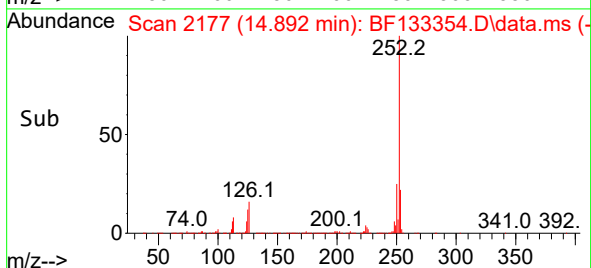
Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023

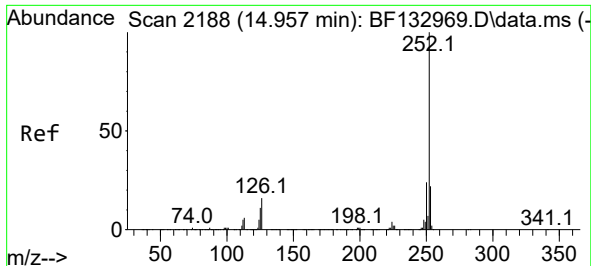


#88
 Benzo(b)fluoranthene
 Concen: 46.341 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BF133354.D
 Acq: 11 May 2023 14:47



Tgt Ion:252 Resp: 1249514
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 12.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.507 ng

RT: 14.921 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB152724BSD

Tgt Ion:252 Resp: 121632

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

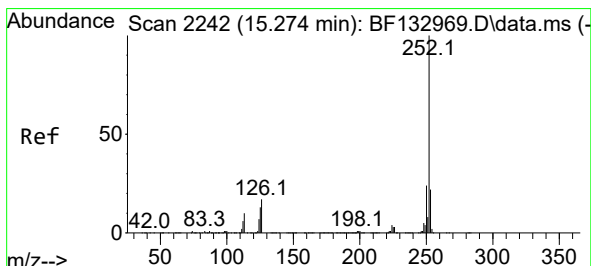
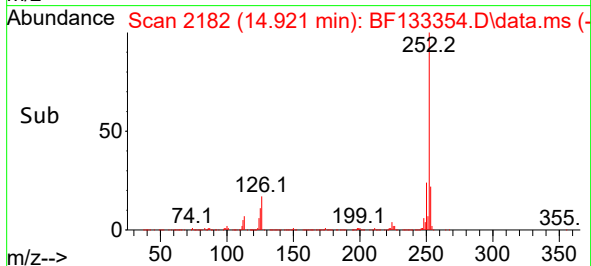
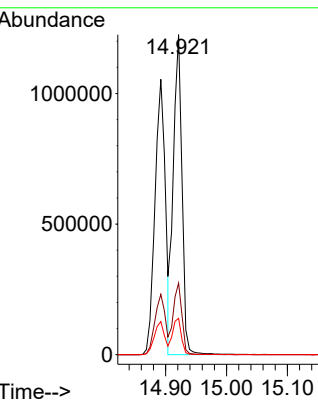
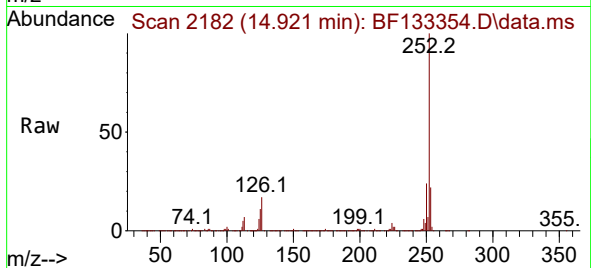
125 11.3 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#90

Benzo(a)pyrene

Concen: 43.902 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133354.D

Acq: 11 May 2023 14:47

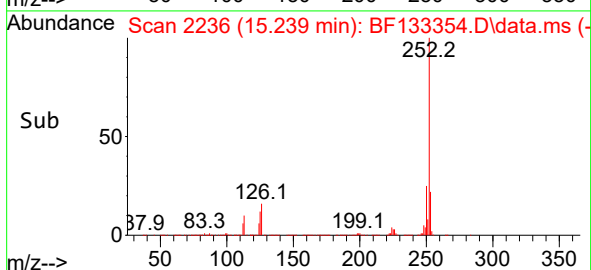
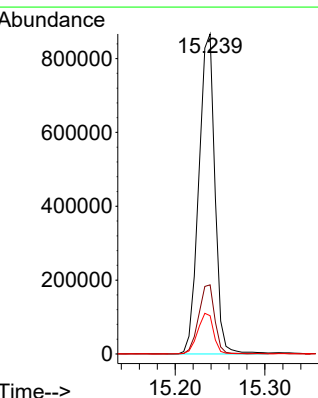
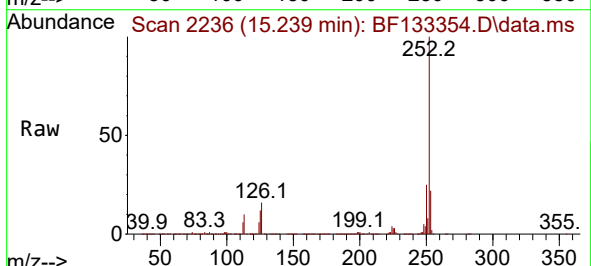
Tgt Ion:252 Resp: 1077441

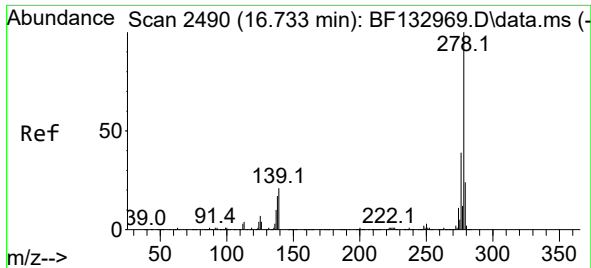
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

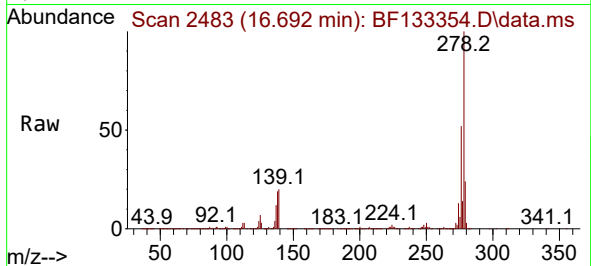
125 12.0 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 53.354 ng
RT: 16.692 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47

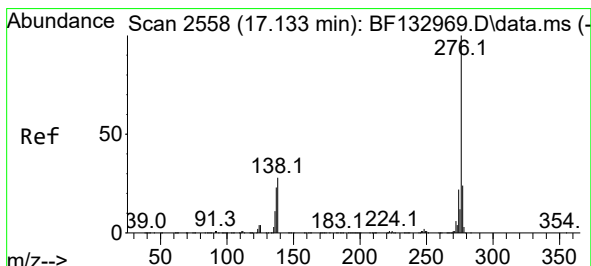
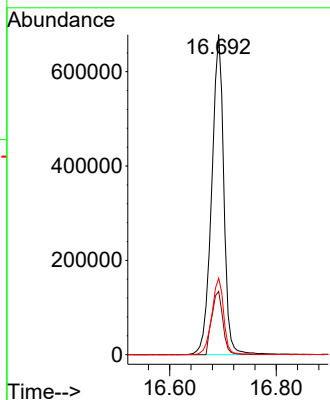
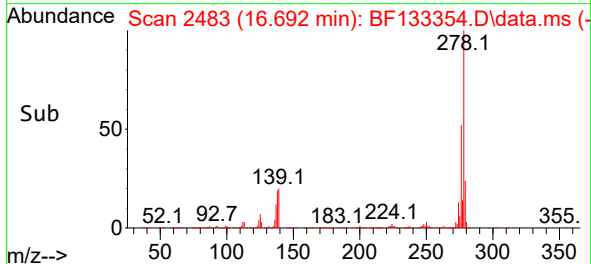
Instrument :
BNA_F
ClientSampleId :
PB152724BSD



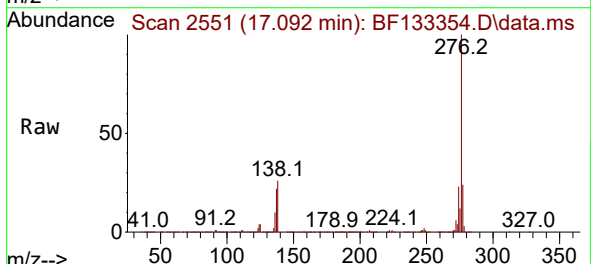
Tgt Ion:278 Resp: 1072810
Ion Ratio Lower Upper
278 100
139 19.8 16.6 24.8
279 23.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#92
Benzo(g,h,i)perylene
Concen: 55.055 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133354.D
Acq: 11 May 2023 14:47



Tgt Ion:276 Resp: 1092904
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 26.4 22.7 34.1

