

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133027.D
 Acq On : 25 Apr 2023 12:36
 Operator : CG\JU
 Sample : PB152211BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 13:43:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	250618	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	951591	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	519715	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	910422	20.000	ng	0.00
76) Chrysene-d12	13.904	240	586442	20.000	ng	0.00
86) Perylene-d12	15.321	264	487957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1638165	98.741	ng	0.02
7) Phenol-d6	6.392	99	2018099	98.003	ng	0.00
23) Nitrobenzene-d5	7.316	82	1203450	68.263	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	551807	105.574	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2122337	68.320	ng	0.00
79) Terphenyl-d14	12.851	244	2351164	69.145	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	306866	39.877	ng	98
3) Pyridine	3.222	79	766419	37.499	ng	99
4) n-Nitrosodimethylamine	3.187	42	415088	39.209	ng	96
6) Aniline	6.410	93	878993	33.142	ng	# 13
8) 2-Chlorophenol	6.534	128	727831	43.208	ng	99
9) Benzaldehyde	6.292	77	409630	45.036	ng	99
10) Phenol	6.410	94	910959	40.100	ng	78
11) bis(2-Chloroethyl)ether	6.487	93	718534	42.150	ng	98
12) 1,3-Dichlorobenzene	6.686	146	777767	43.429	ng	99
13) 1,4-Dichlorobenzene	6.763	146	783969	43.678	ng	99
14) 1,2-Dichlorobenzene	6.916	146	715394	43.232	ng	96
15) Benzyl Alcohol	6.892	79	573548	40.321	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1166448	39.395	ng	96
17) 2-Methylphenol	7.010	107	628783	40.765	ng	97
18) Hexachloroethane	7.257	117	263564	42.236	ng	94
19) n-Nitroso-di-n-propyla...	7.169	70	493157	38.468	ng	98
20) 3+4-Methylphenols	7.169	107	720621	39.671	ng	# 75
22) Acetophenone	7.157	105	991914	44.999	ng	# 96
24) Nitrobenzene	7.334	77	741787	41.523	ng	99
25) Isophorone	7.575	82	1424164	42.547	ng	100
26) 2-Nitrophenol	7.651	139	414106	48.059	ng	# 89
27) 2,4-Dimethylphenol	7.692	122	671998	45.482	ng	100
28) bis(2-Chloroethoxy)met...	7.786	93	835562	42.196	ng	99
29) 2,4-Dichlorophenol	7.898	162	599633	44.581	ng	96
30) 1,2,4-Trichlorobenzene	7.975	180	620856	44.555	ng	100
31) Naphthalene	8.057	128	1998971	42.016	ng	99
32) Benzoic acid	7.833	122	508848	55.755	ng	97
33) 4-Chloroaniline	8.098	127	322062	16.754	ng	98
34) Hexachlorobutadiene	8.175	225	342490	44.346	ng	99
35) Caprolactam	8.486	113	216878m	47.998	ng	
36) 4-Chloro-3-methylphenol	8.592	107	669447	46.154	ng	98
37) 2-Methylnaphthalene	8.745	142	1344838	41.345	ng	98
38) 1-Methylnaphthalene	8.845	142	1345591	44.222	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	565436	40.464	ng	99
41) Hexachlorocyclopentadiene	8.904	237	807805	99.123	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	415801	43.027	ng	98

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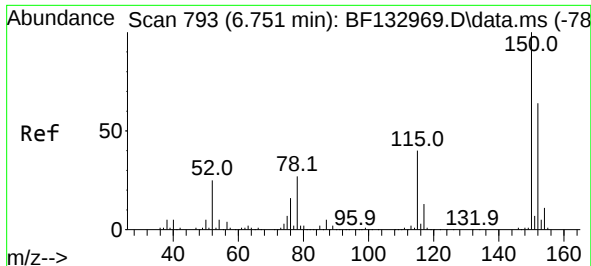
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	447964	40.081	ng	99
46) 1,1'-Biphenyl	9.210	154	1678087	40.719	ng	99
47) 2-Chloronaphthalene	9.233	162	1258396	41.719	ng	99
48) 2-Nitroaniline	9.328	65	412202	41.348	ng	95
49) Acenaphthylene	9.645	152	1975295	40.984	ng	100
50) Dimethylphthalate	9.516	163	1501580	41.436	ng	99
51) 2,6-Dinitrotoluene	9.575	165	354681	43.485	ng	# 83
52) Acenaphthene	9.822	154	1447733m	44.849	ng	
53) 3-Nitroaniline	9.739	138	279708	28.841	ng	99
54) 2,4-Dinitrophenol	9.845	184	427076	104.170	ng	95
55) Dibenzofuran	9.992	168	1780428	40.434	ng	99
56) 4-Nitrophenol	9.910	139	675753	89.964	ng	92
57) 2,4-Dinitrotoluene	9.975	165	470394	45.223	ng	97
58) Fluorene	10.333	166	1297042	40.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	381981	44.085	ng	97
60) Diethylphthalate	10.216	149	1417926	41.424	ng	98
61) 4-Chlorophenyl-phenyle...	10.327	204	635069	40.396	ng	100
62) 4-Nitroaniline	10.357	138	404409	45.370	ng	98
63) Azobenzene	10.486	77	1445790	39.872	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	269276	48.797	ng	98
66) n-Nitrosodiphenylamine	10.445	169	1205245	40.812	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	417871	42.320	ng	98
68) Hexachlorobenzene	10.880	284	456975	45.165	ng	99
69) Atrazine	10.980	200	408869	48.049	ng	98
70) Pentachlorophenol	11.074	266	561249	77.888	ng	98
71) Phenanthrene	11.292	178	1968950	40.238	ng	99
72) Anthracene	11.345	178	2037223	40.682	ng	99
73) Carbazole	11.498	167	1882830	42.225	ng	99
74) Di-n-butylphthalate	11.833	149	2235332	44.298	ng	100
75) Fluoranthene	12.474	202	2039561	41.531	ng	99
77) Benzidine	12.598	184	1108571	111.784	ng	# 93
78) Pyrene	12.704	202	2076636	41.308	ng	98
80) Butylbenzylphthalate	13.327	149	906614	50.934	ng	95
81) Benzo(a)anthracene	13.892	228	1631646	40.460	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	363870	32.662	ng	100
83) Chrysene	13.933	228	1657070	41.100	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	969760	43.405	ng	100
85) Di-n-octyl phthalate	14.504	149	1615645	44.349	ng	98
87) Indeno(1,2,3-cd)pyrene	16.709	276	1401774	50.503	ng	100
88) Benzo(b)fluoranthene	14.915	252	1455485	46.886	ng	98
89) Benzo(k)fluoranthene	14.951	252	1255152	40.788	ng	99
90) Benzo(a)pyrene	15.262	252	1145018	40.523	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	1166786	50.401	ng	99
92) Benzo(g,h,i)perylene	17.133	276	1184478	51.826	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

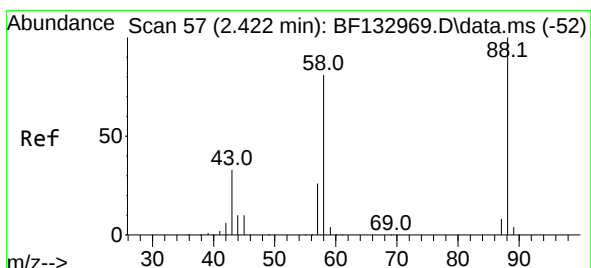
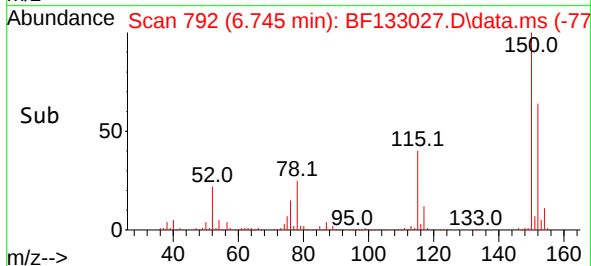
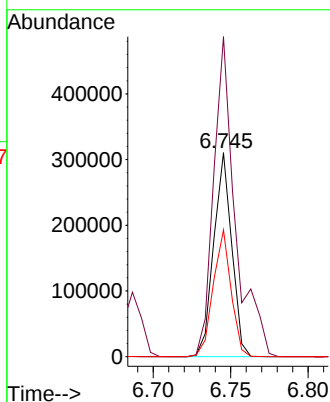
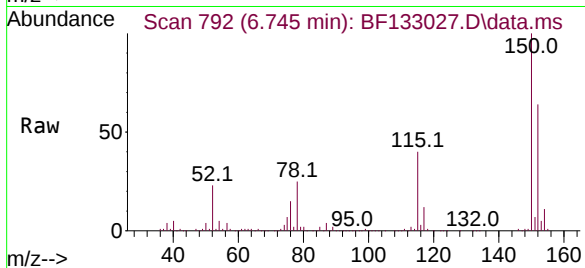
PB152211BS

Tgt Ion:152 Resp: 250618
Ion Ratio Lower Upper
152 100
150 156.9 124.8 187.2
115 62.1 49.9 74.9

Manual Integrations

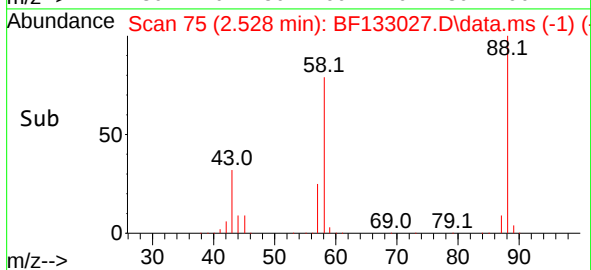
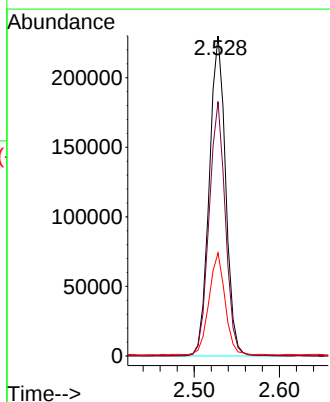
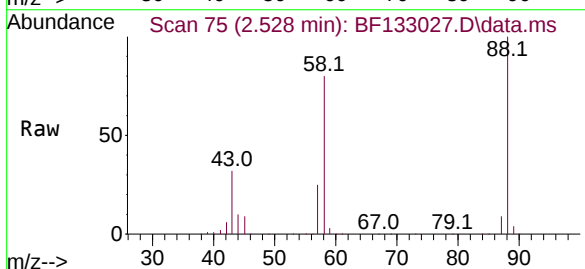
APPROVED

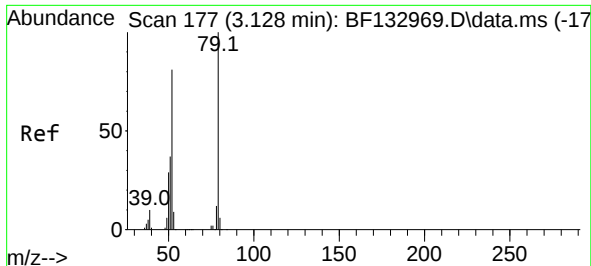
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#2
1,4-Dioxane
Concen: 39.877 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.106 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

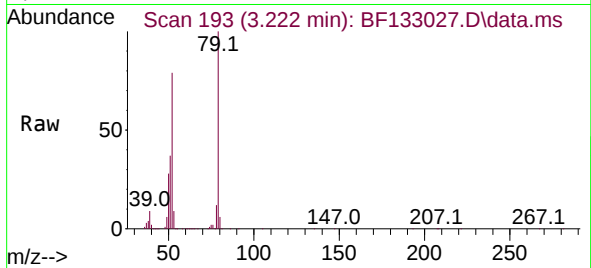
Tgt Ion: 88 Resp: 306866
Ion Ratio Lower Upper
88 100
58 78.9 64.7 97.1
43 31.7 26.2 39.2





#3
Pyridine
Concen: 37.499 ng
RT: 3.222 min Scan# 193
Delta R.T. 0.094 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

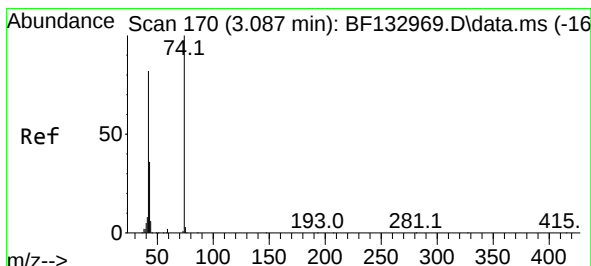
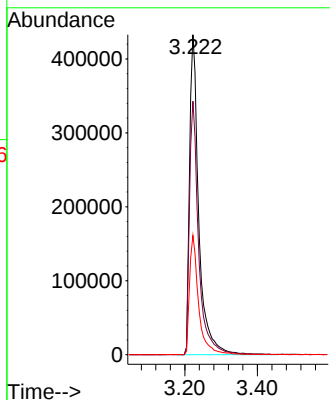
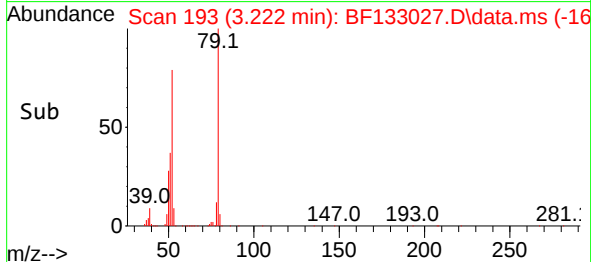
Instrument :
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PB152211BS



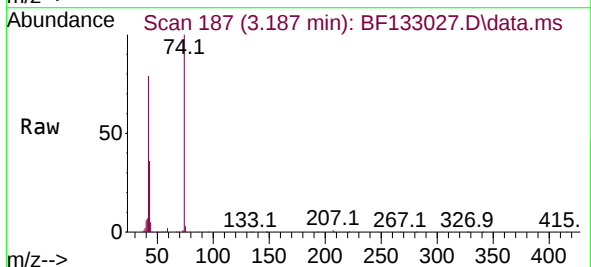
Tgt Ion: 79 Resp: 766419
Ion Ratio Lower Upper
79 100
52 79.2 64.6 96.8
51 37.3 30.0 45.0

Manual Integrations
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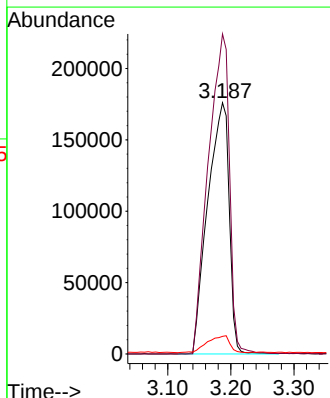
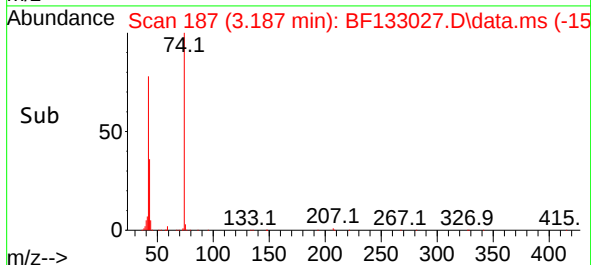
Reviewed By :Christian Giraldo 04/26/2023
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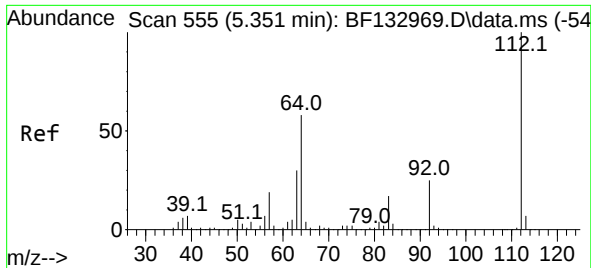


#4
n-Nitrosodimethylamine
Concen: 39.209 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.100 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion: 42 Resp: 415088
Ion Ratio Lower Upper
42 100
74 127.4 98.0 147.0
44 7.0 5.8 8.8





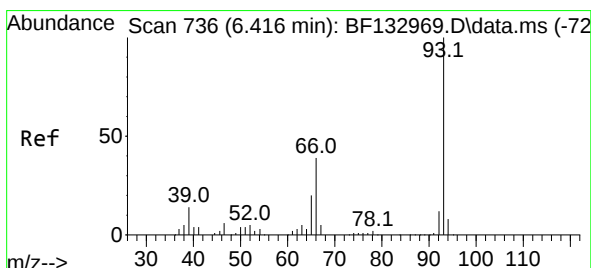
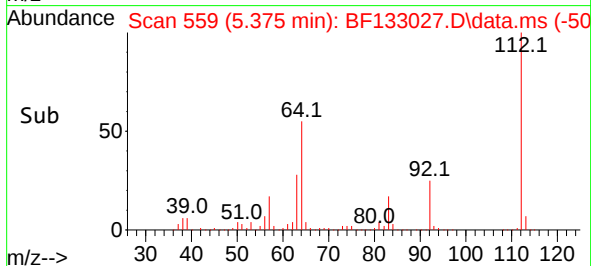
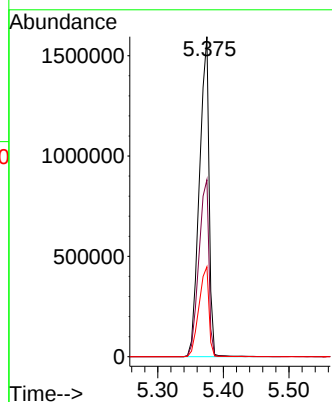
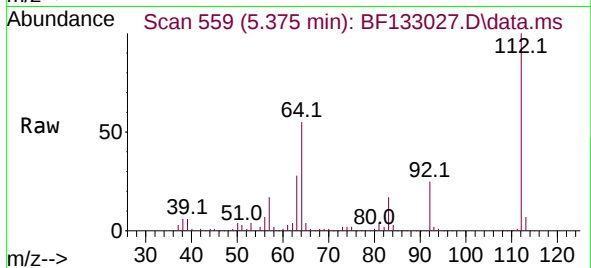
#5
2-Fluorophenol
Concen: 98.741 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 163816
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.1 23.8 35.8

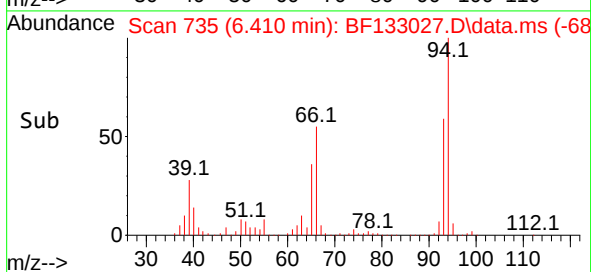
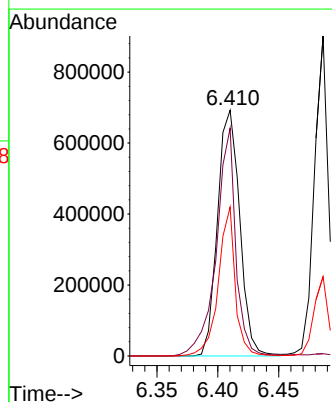
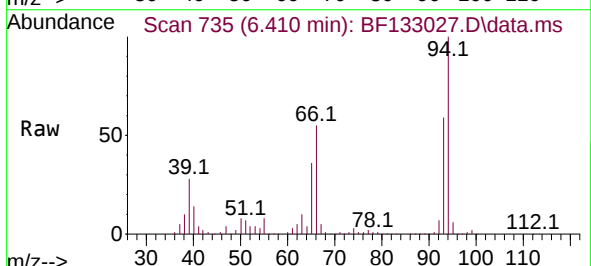
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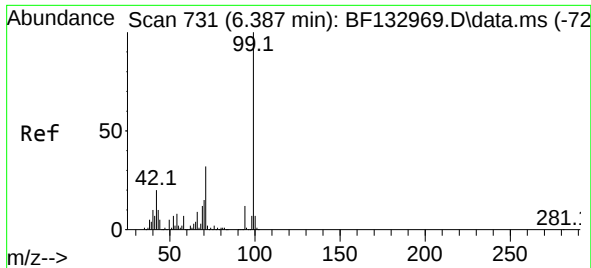
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#6
Aniline
Concen: 33.142 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

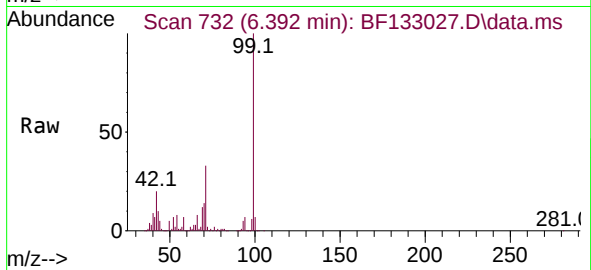
Tgt Ion: 93 Resp: 878993
Ion Ratio Lower Upper
93 100
66 92.7 31.5 47.3#
65 60.6 16.4 24.6#





#7
Phenol-d6
Concen: 98.003 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

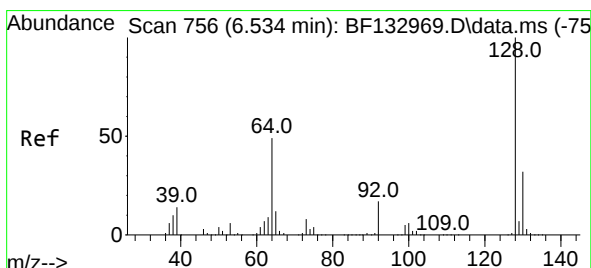
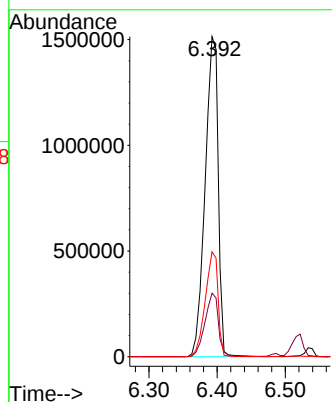
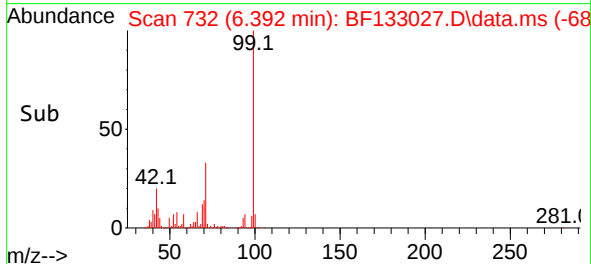
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 201809
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 32.8 25.6 38.4

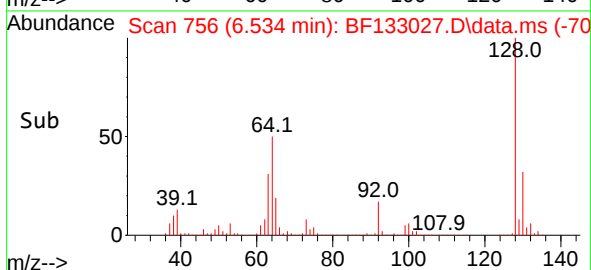
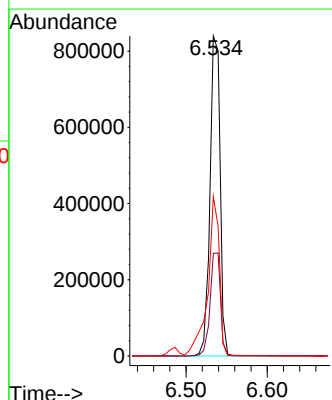
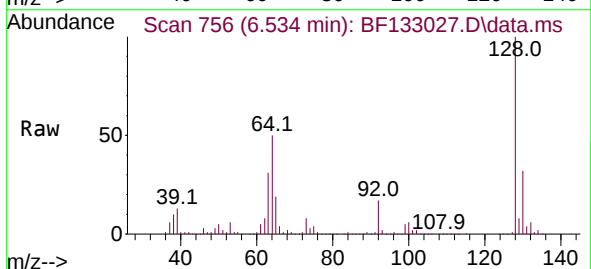
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#8
2-Chlorophenol
Concen: 43.208 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

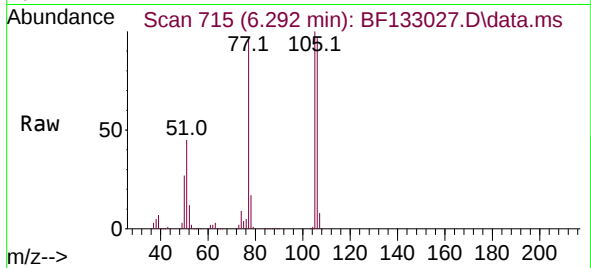
Tgt Ion:128 Resp: 727831
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 49.8 30.3 70.3





#9
Benzaldehyde
Concen: 45.036 ng
RT: 6.292 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

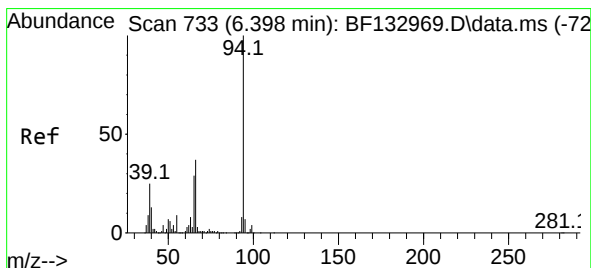
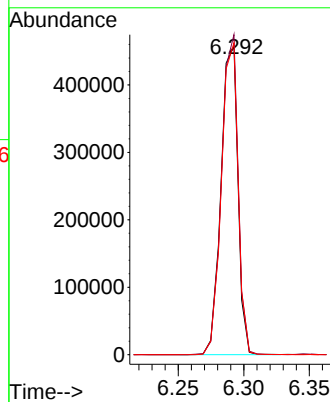
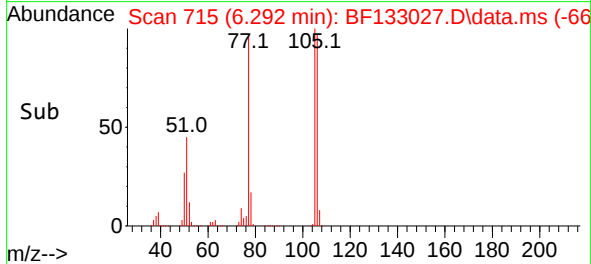
Instrument :
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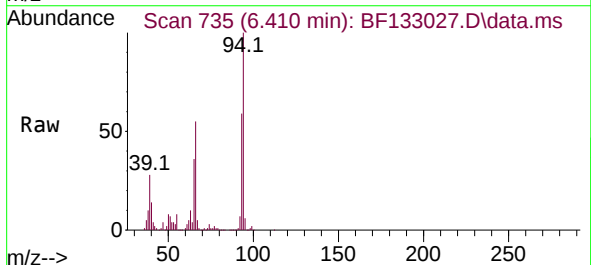
Tgt Ion: 77 Resp: 409630
Ion Ratio Lower Upper
77 100
105 103.8 82.3 122.3
106 101.2 80.8 120.8

Manual Integrations
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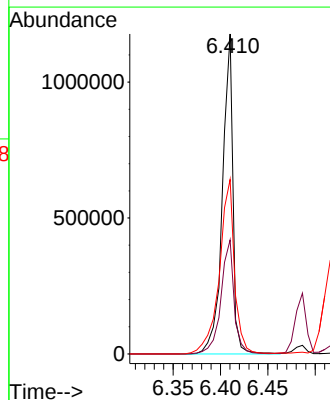
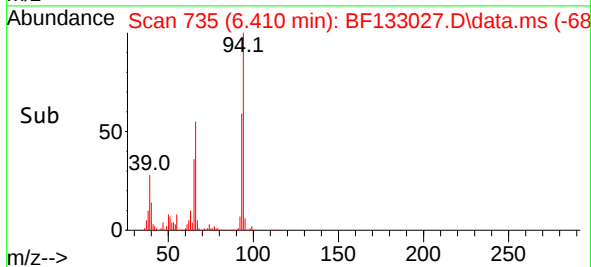
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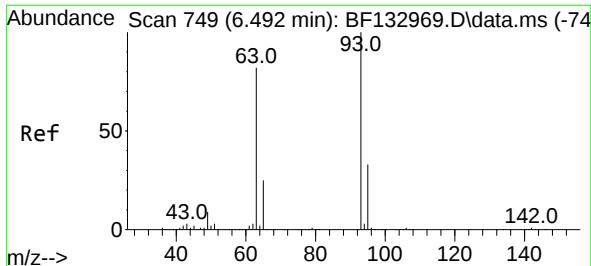


#10
Phenol
Concen: 40.100 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion: 94 Resp: 910959
Ion Ratio Lower Upper
94 100
65 35.7 8.6 48.6
66 54.5 17.3 57.3





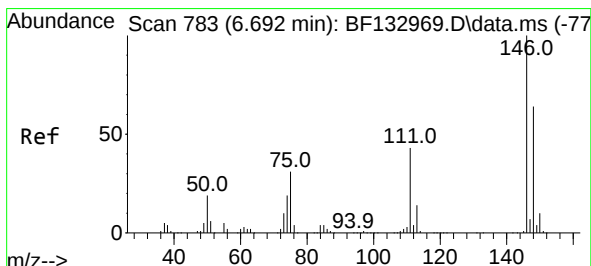
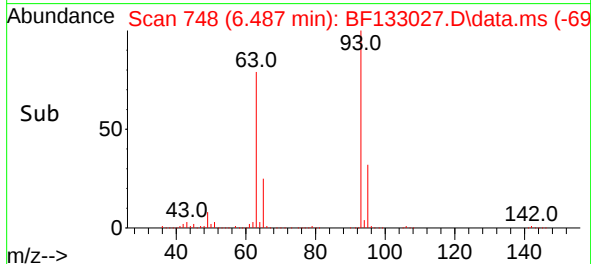
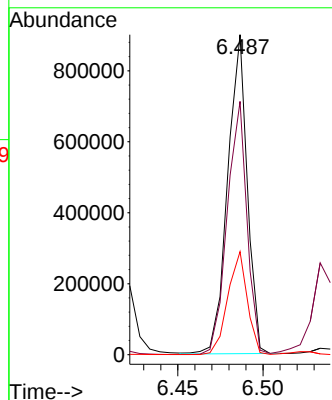
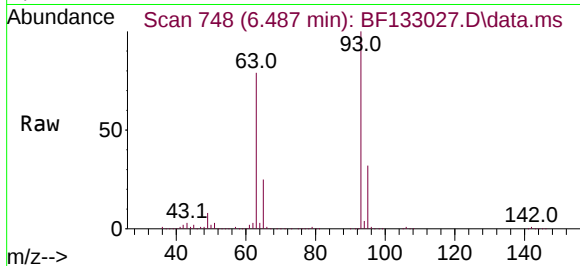
#11
bis(2-Chloroethyl)ether
Concen: 42.150 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion: 93 Resp: 718534
Ion Ratio Lower Upper
93 100
63 79.1 60.6 100.6
95 32.2 12.9 52.9

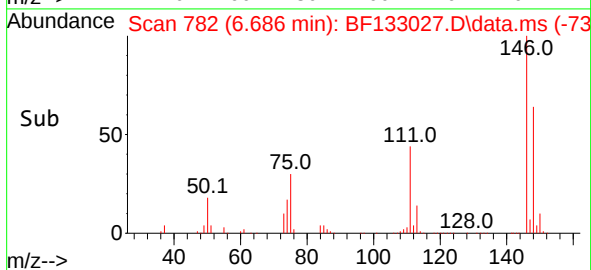
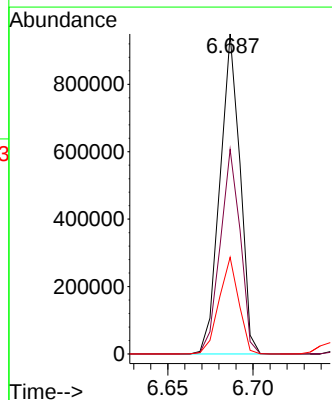
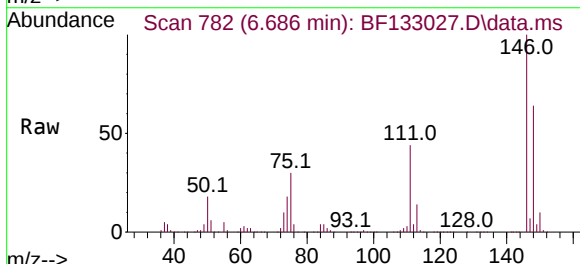
Manual Integrations
APPROVED

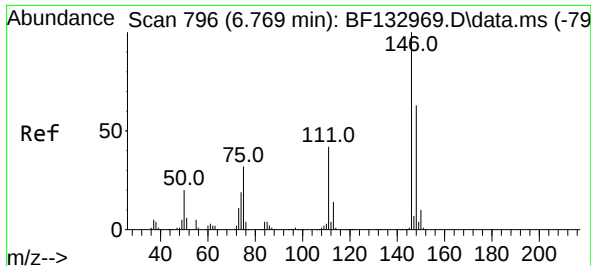
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 43.429 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:146 Resp: 777767
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 30.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 43.678 ng

RT: 6.763 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

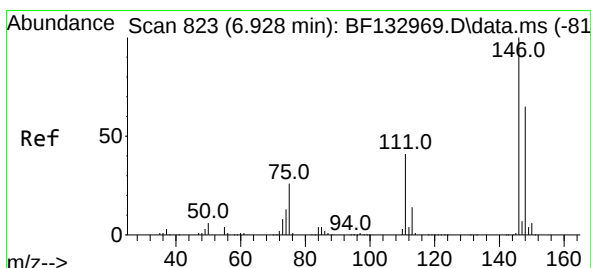
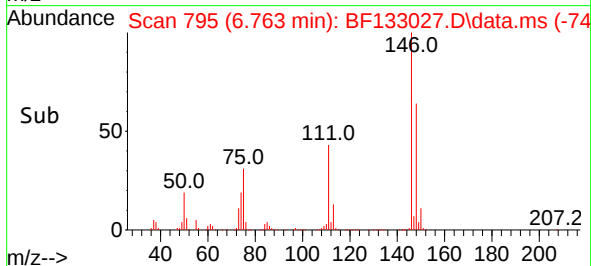
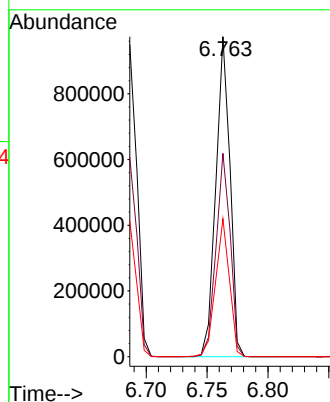
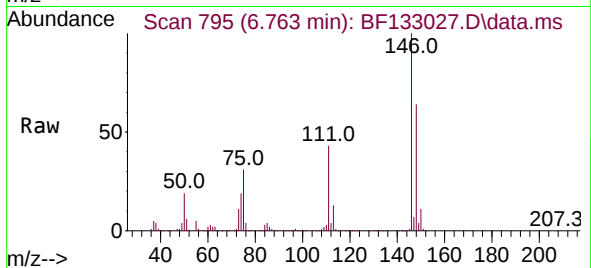
PB152211BS

Tgt Ion:146 Resp: 783969
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.3 75.5
 111 43.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#14

1,2-Dichlorobenzene

Concen: 43.232 ng

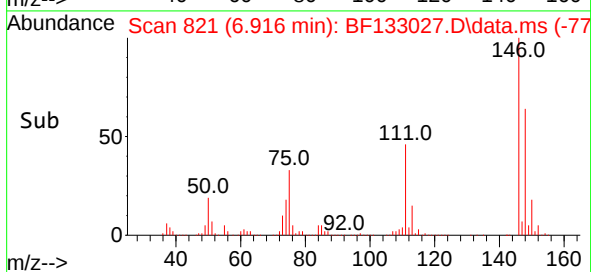
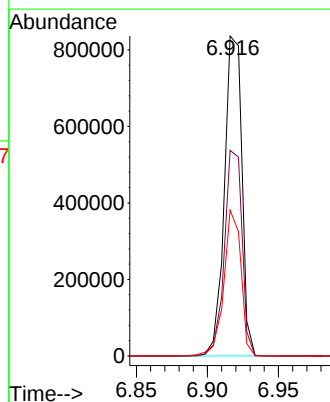
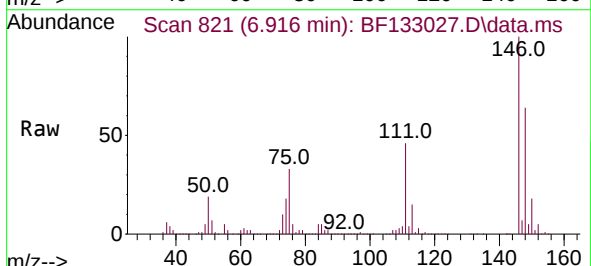
RT: 6.916 min Scan# 821

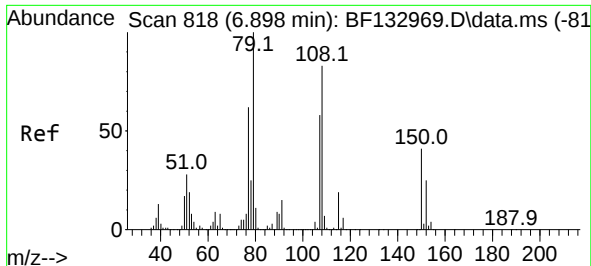
Delta R.T. -0.012 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Tgt Ion:146 Resp: 715394
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 45.5 32.8 49.2





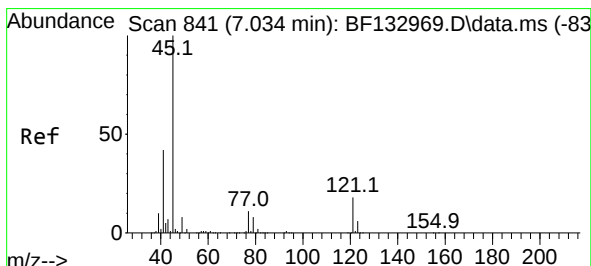
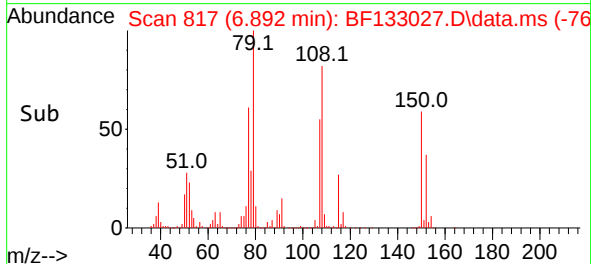
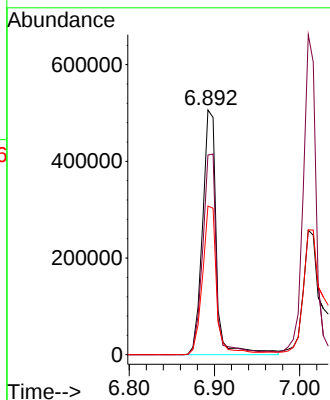
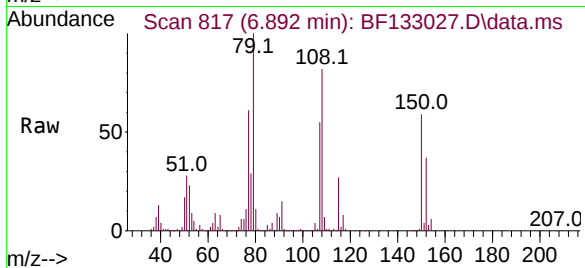
#15
Benzyl Alcohol
Concen: 40.321 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion: 79 Resp: 573548
Ion Ratio Lower Upper
79 100
108 81.6 66.6 99.8
77 60.7 49.2 73.8

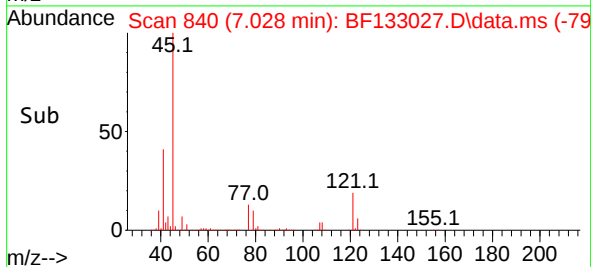
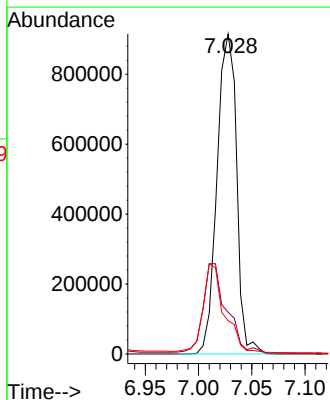
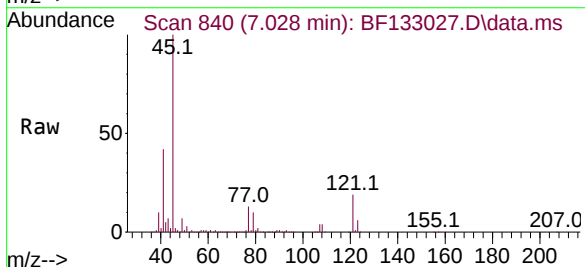
Manual Integrations
APPROVED

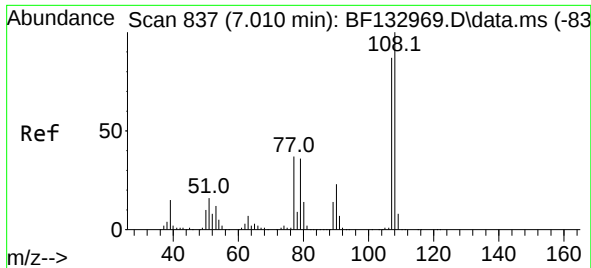
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.395 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

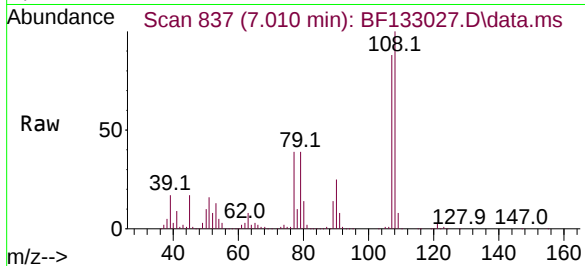
Tgt Ion: 45 Resp: 1166448
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 10.4 0.0 28.7





#17
2-Methylphenol
Concen: 40.765 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

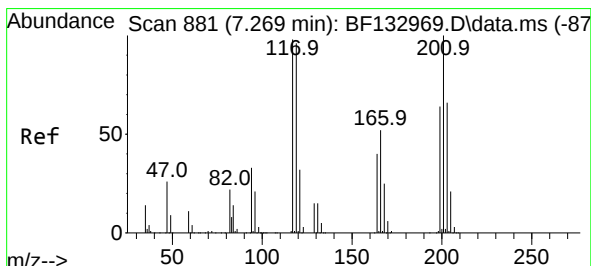
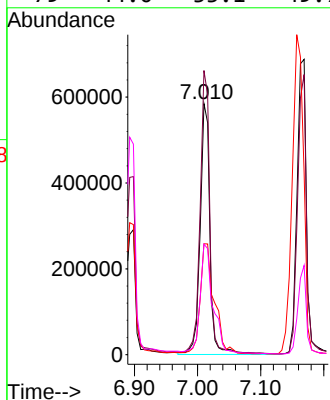
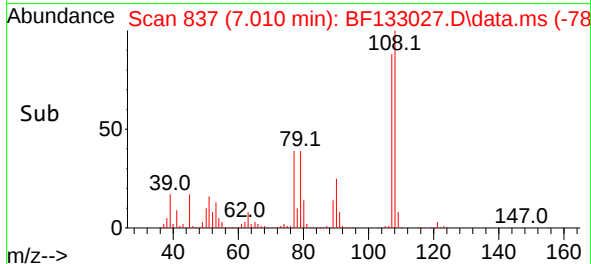
Instrument :
BNA_F
ClientSampleId :
PB152211BS



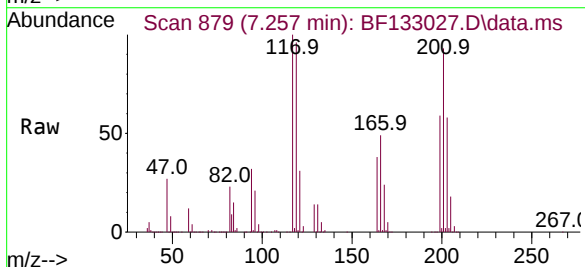
Tgt Ion:107 Resp: 62878
Ion Ratio Lower Upper
107 100
108 113.2 92.4 138.6
77 44.2 33.8 50.8
79 44.0 33.1 49.7

Manual Integrations
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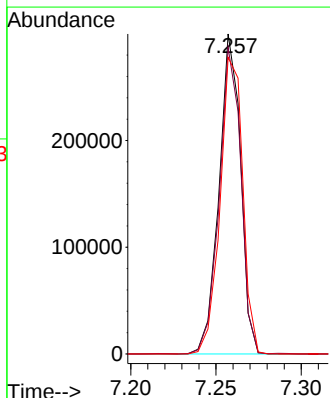
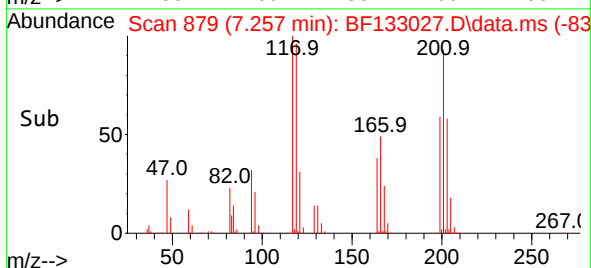
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

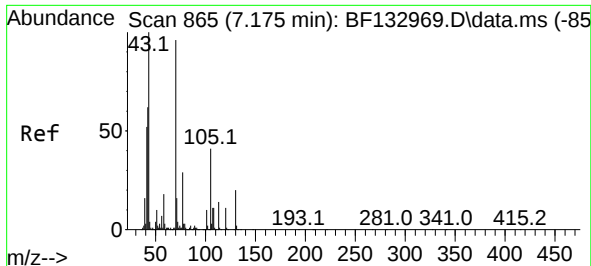


#18
Hexachloroethane
Concen: 42.236 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



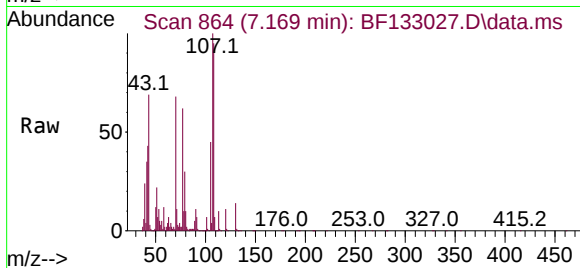
Tgt Ion:117 Resp: 263564
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4
201 92.7 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 38.468 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

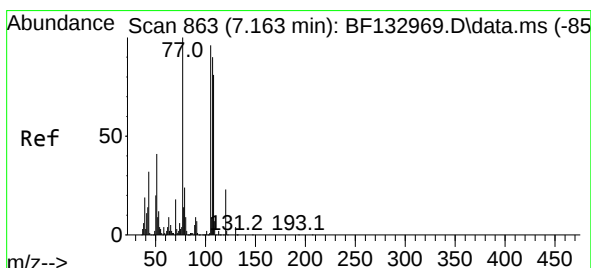
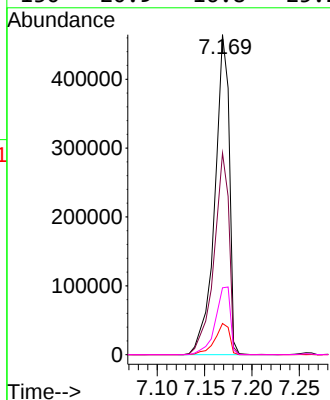
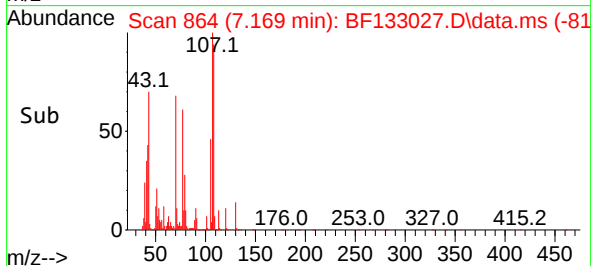
Instrument :
BNA_F
ClientSampleId :
PB152211BS



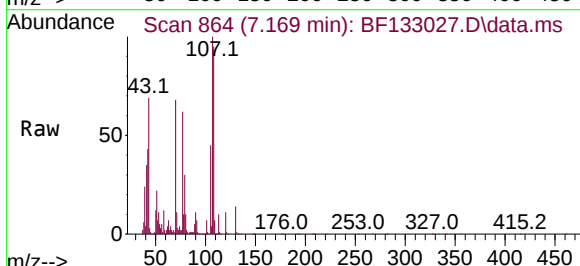
Tgt Ion: 70 Resp: 49315
Ion Ratio Lower Upper
70 100
42 63.0 51.8 77.6
101 9.7 8.0 12.0
130 20.9 16.8 25.2

Manual Integrations
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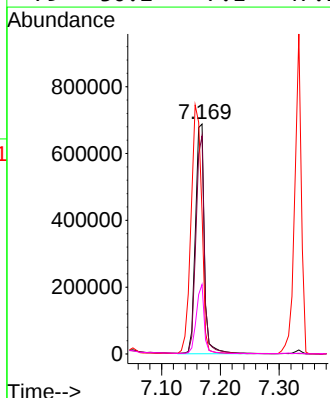
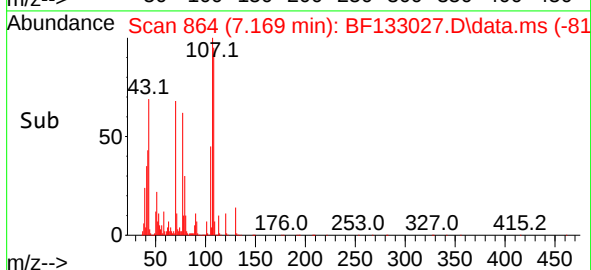
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

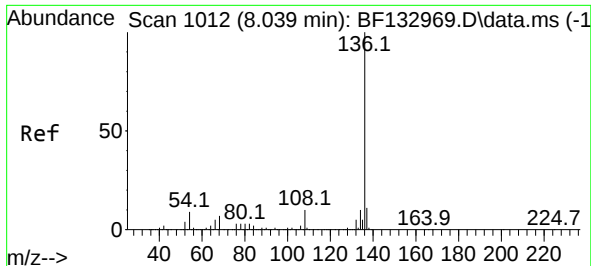


#20
3+4-Methylphenols
Concen: 39.671 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:107 Resp: 720621
Ion Ratio Lower Upper
107 100
108 94.8 70.5 110.5
77 61.6 91.7 131.7#
79 30.2 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

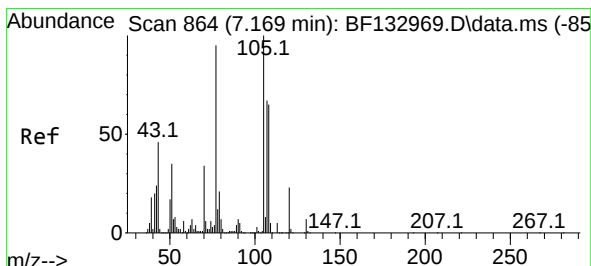
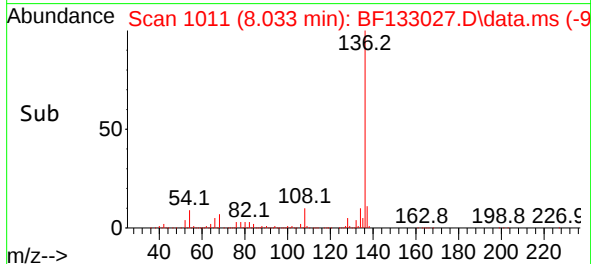
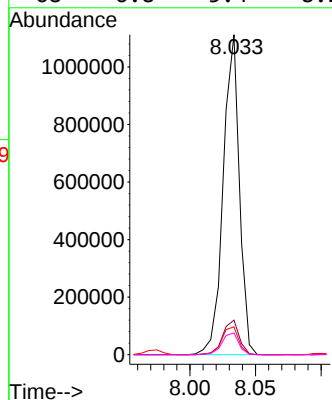
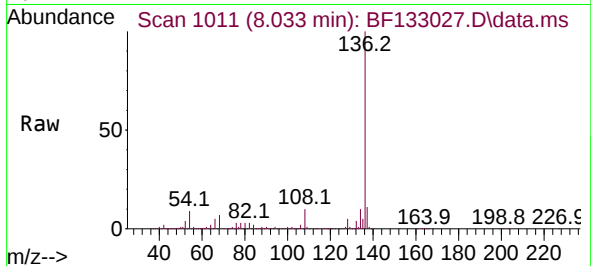
ClientSampleId :

PB152211BS

Tgt Ion:136 Resp: 95159
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.0 10.4
68 6.8 5.4 8.2

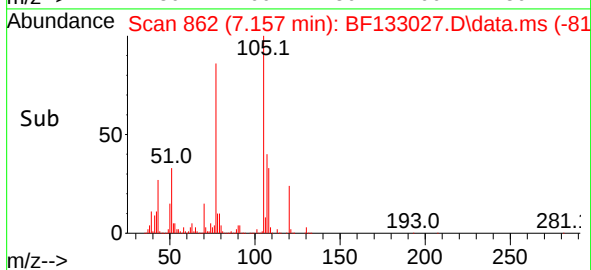
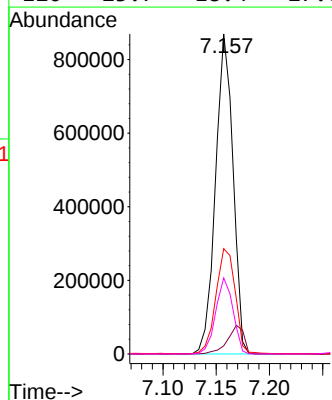
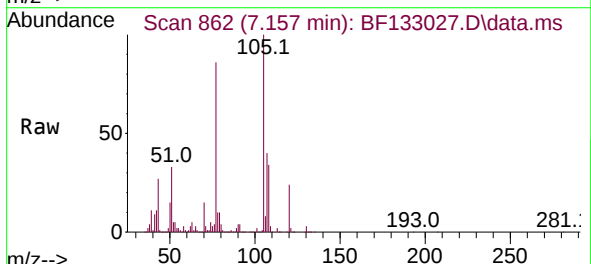
Manual Integrations
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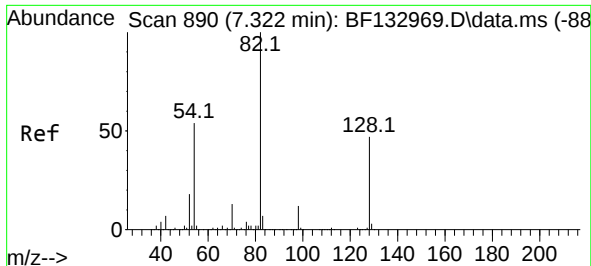
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 44.999 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:105 Resp: 991914
Ion Ratio Lower Upper
105 100
71 2.6 4.6 7.0#
51 32.9 28.2 42.2
120 23.7 18.4 27.6





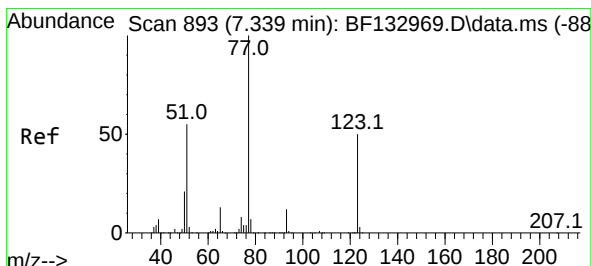
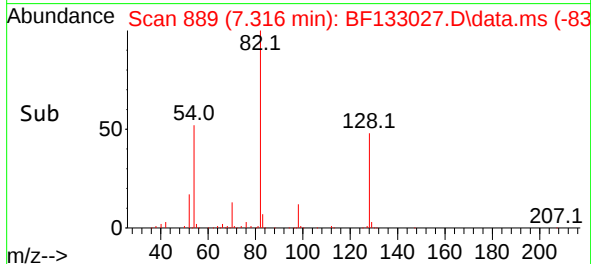
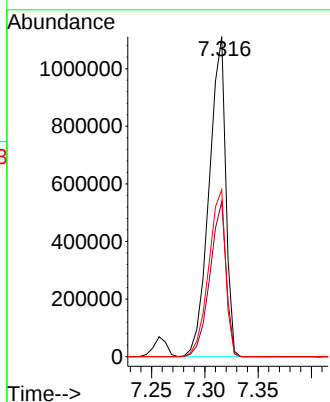
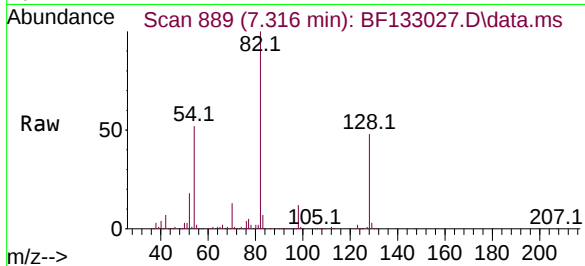
#23
Nitrobenzene-d5
Concen: 68.263 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion: 82 Resp: 1203450
Ion Ratio Lower Upper
82 100
128 48.4 37.7 56.5
54 52.1 43.0 64.4

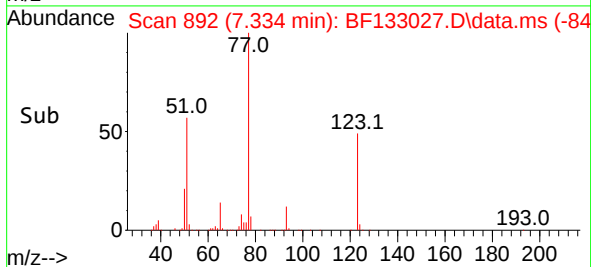
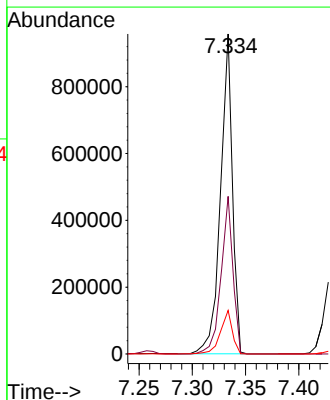
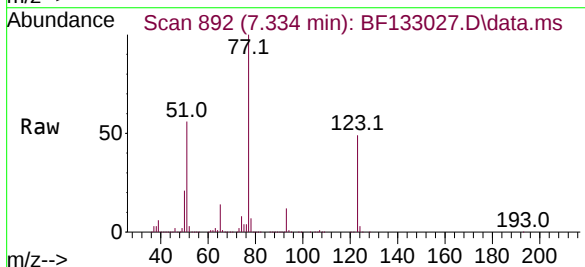
Manual Integrations
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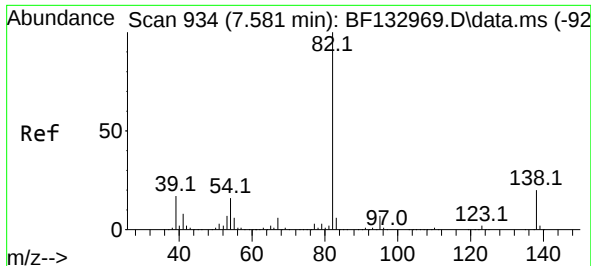
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 41.523 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion: 77 Resp: 741787
Ion Ratio Lower Upper
77 100
123 49.2 39.9 59.9
65 13.6 10.7 16.1





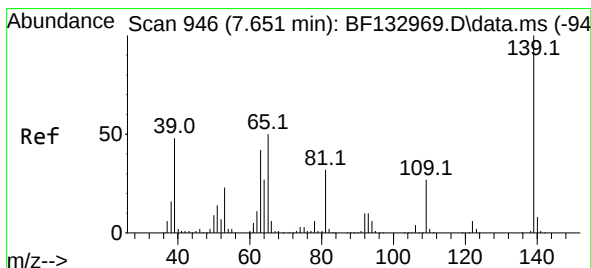
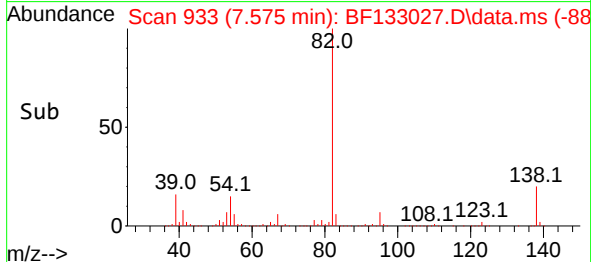
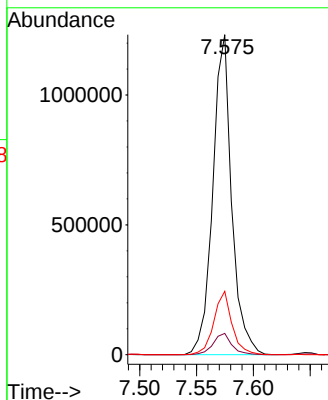
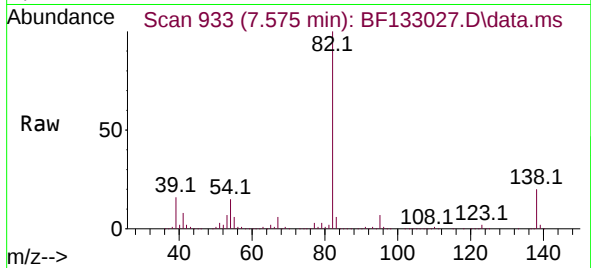
#25
Isophorone
Concen: 42.547 ng
RT: 7.575 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion: 82 Resp: 1424164
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.8 16.0 24.0

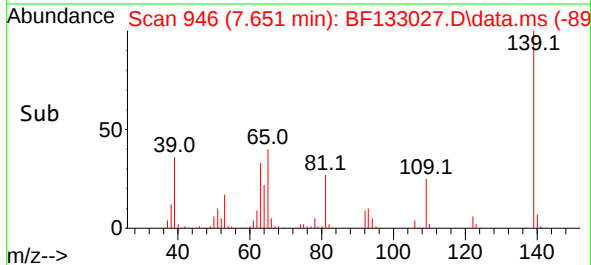
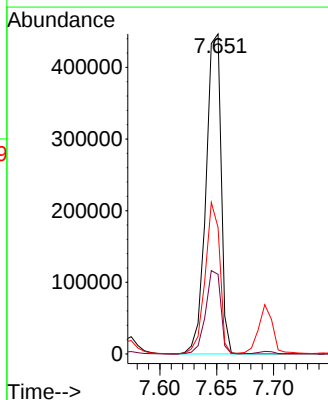
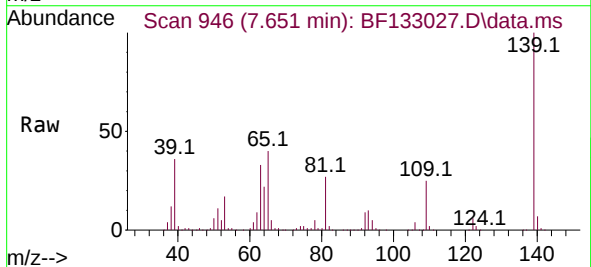
Manual Integrations
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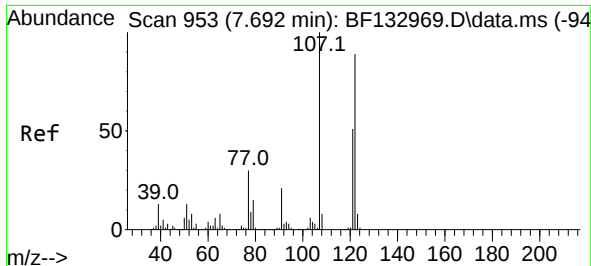
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 48.059 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:139 Resp: 414106
Ion Ratio Lower Upper
139 100
109 24.9 21.6 32.4
65 39.6 39.8 59.6#





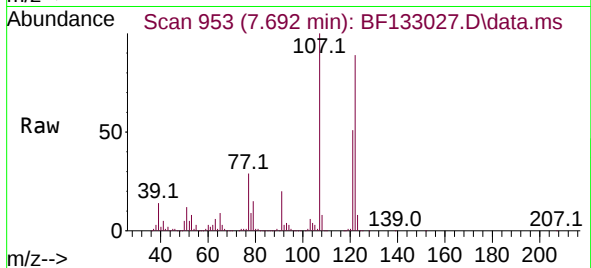
#27
2,4-Dimethylphenol
Concen: 45.482 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

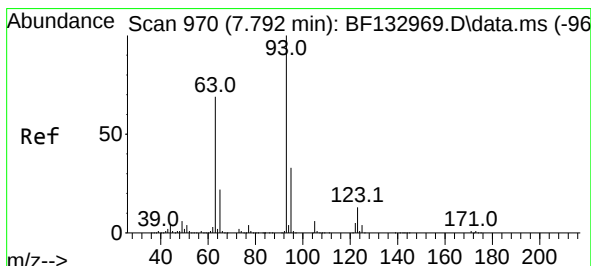
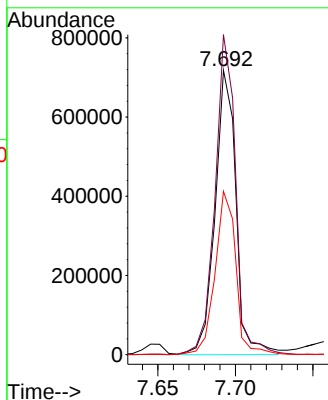
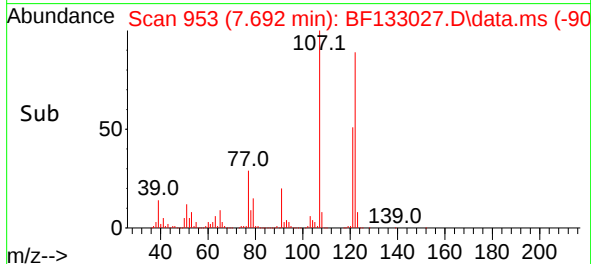


Tgt Ion:122 Resp: 671998
Ion Ratio Lower Upper
122 100
107 112.6 89.7 134.5
121 57.5 46.0 69.0

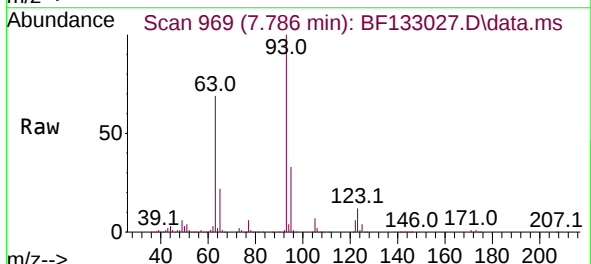
Manual Integrations

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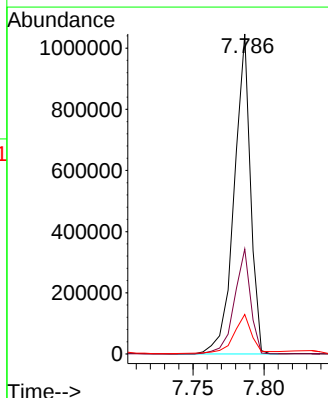
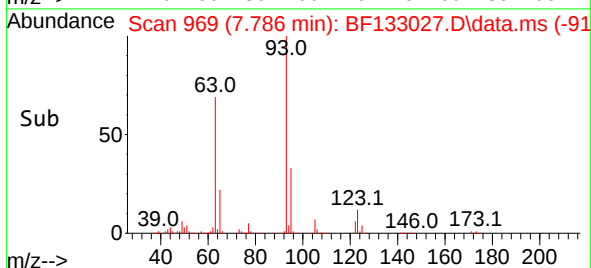
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

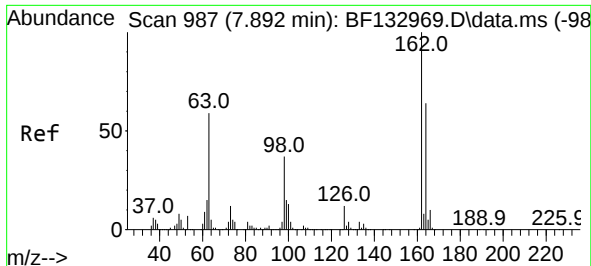


#28
bis(2-Chloroethoxy)methane
Concen: 42.196 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion: 93 Resp: 835562
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.581 ng

RT: 7.898 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

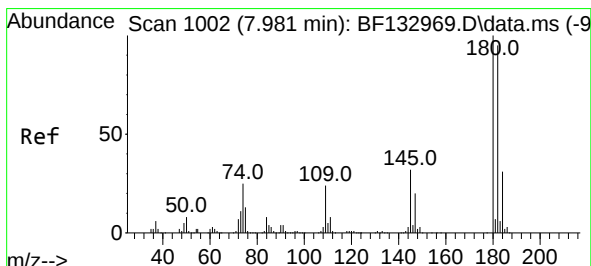
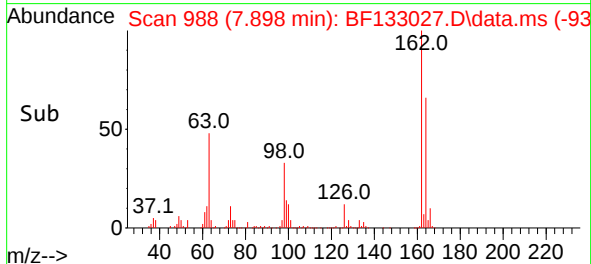
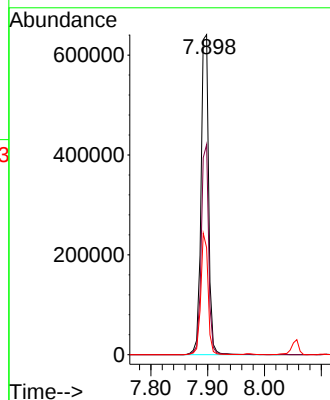
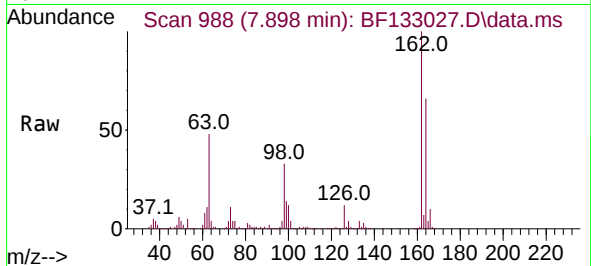
PB152211BS

Tgt Ion:	162	Resp:	59963
Ion Ratio	Lower	Upper	
162	100		
164	65.6	43.9	83.9
98	33.5	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.555 ng

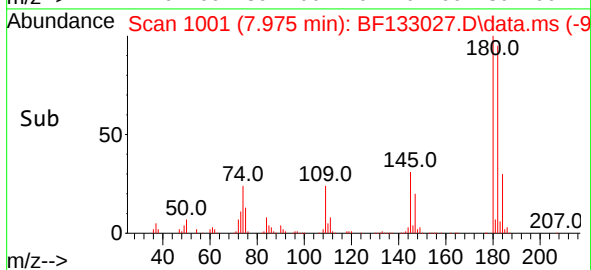
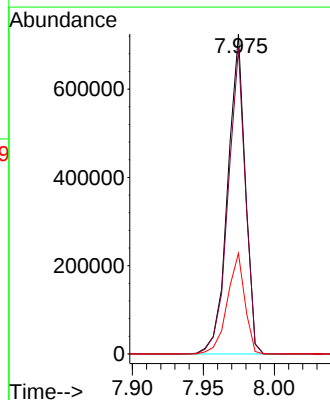
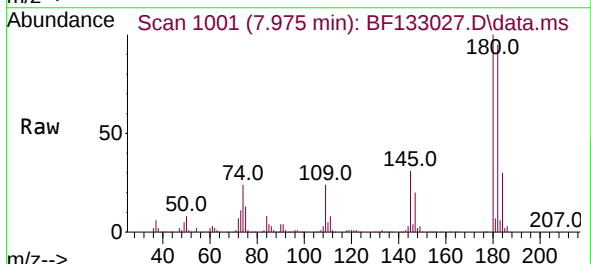
RT: 7.975 min Scan# 1001

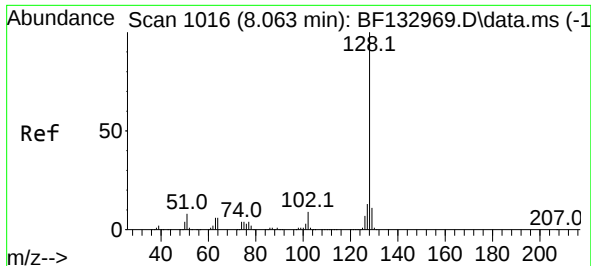
Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Tgt Ion:	180	Resp:	620856
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.9	113.9
145	31.4	25.3	37.9





#31
Naphthalene
Concen: 42.016 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

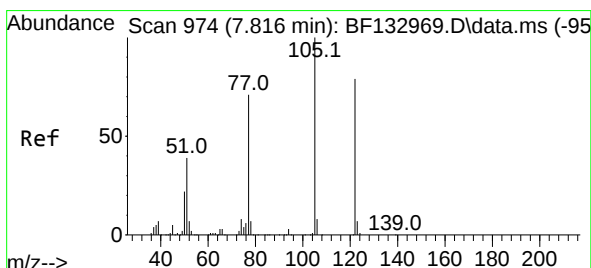
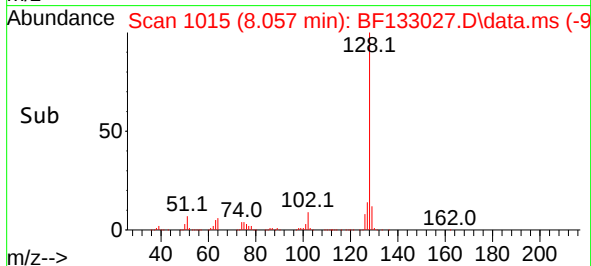
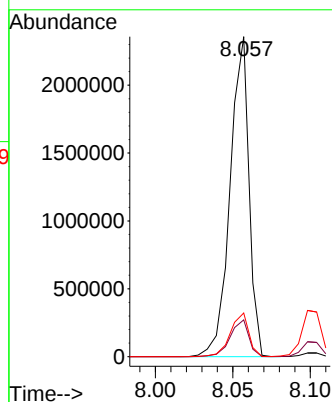
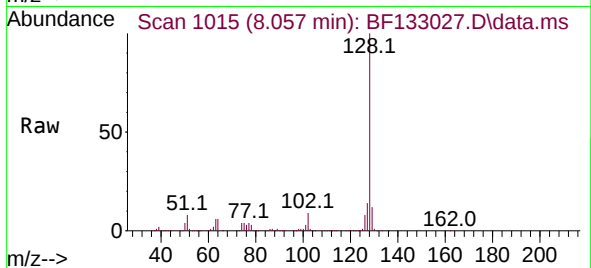
PB152211BS

Tgt Ion:128 Resp: 199897
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.7 16.1

Manual Integrations

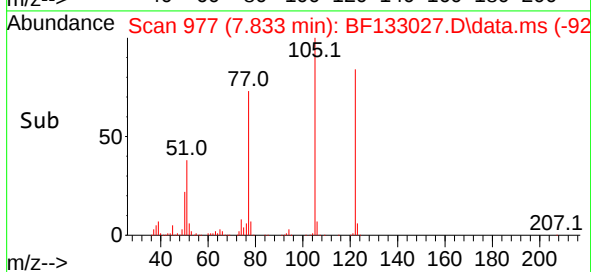
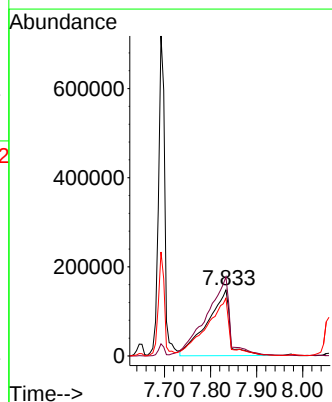
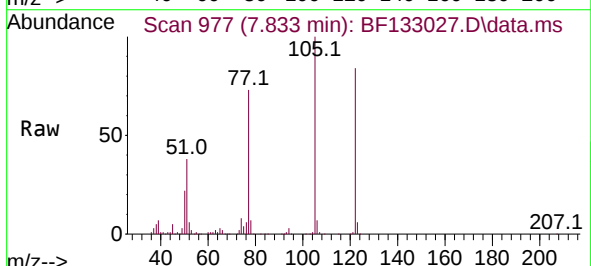
APPROVED

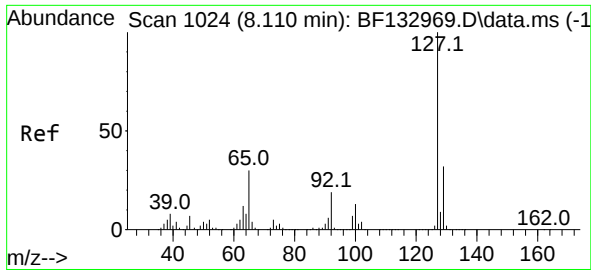
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#32
Benzoic acid
Concen: 55.755 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.017 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:122 Resp: 508848
Ion Ratio Lower Upper
122 100
105 119.6 104.2 144.2
77 87.4 69.7 109.7





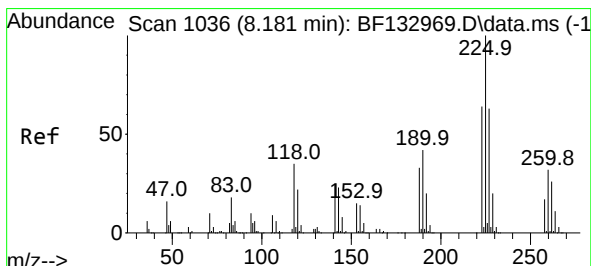
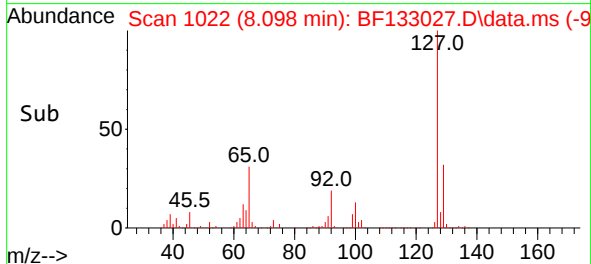
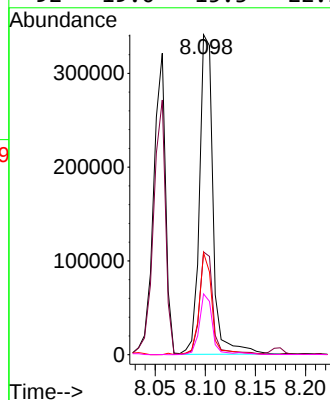
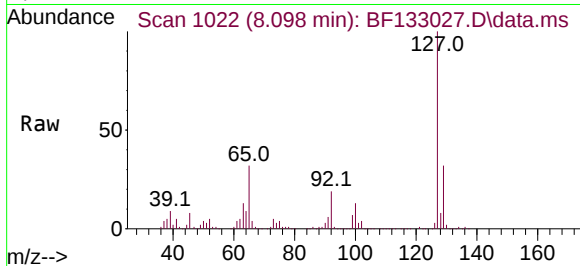
#33
4-Chloroaniline
Concen: 16.754 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion:	127	Resp:	32206
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.8	38.8
65	31.8	23.6	35.4
92	19.0	15.3	22.9

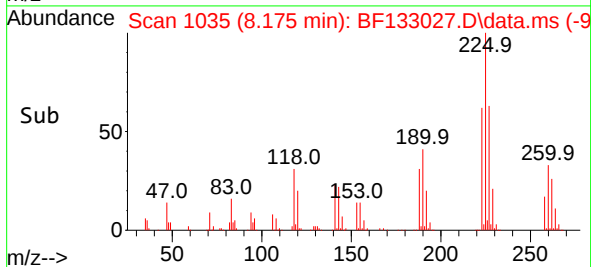
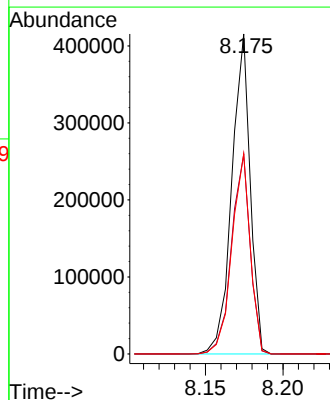
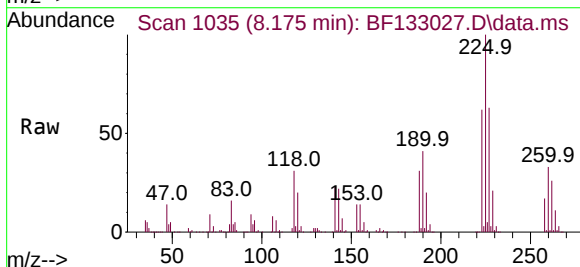
Manual Integrations
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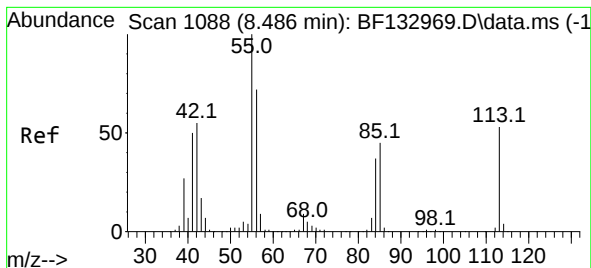
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 44.346 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:	225	Resp:	342490
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.9	76.3
227	62.6	50.3	75.5





#35

Caprolactam

Concen: 47.998 ng m

RT: 8.486 min Scan# 1088

Delta R.T. -0.000 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:113 Resp: 216878

Ion Ratio Lower Upper

113 100

55 176.5 167.1 207.1

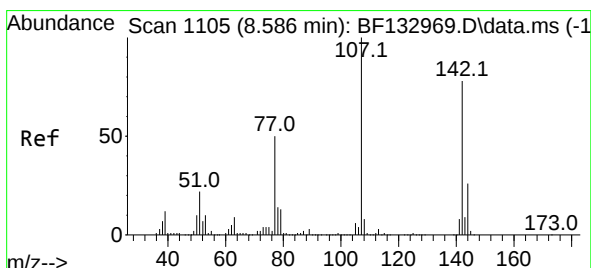
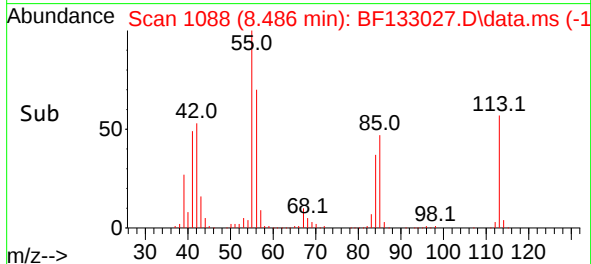
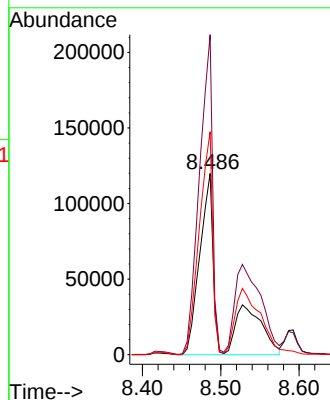
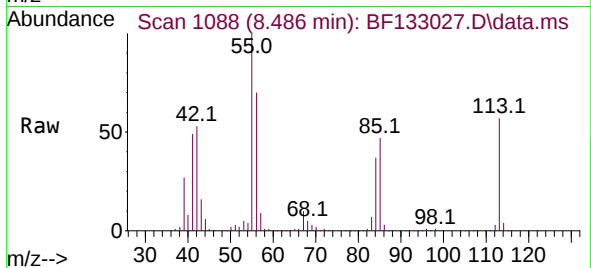
56 123.0 114.5 154.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#36

4-Chloro-3-methylphenol

Concen: 46.154 ng

RT: 8.592 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

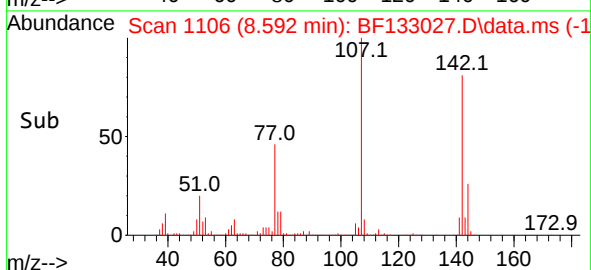
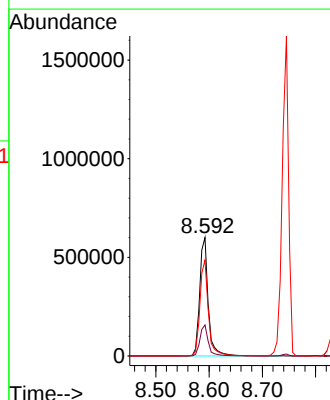
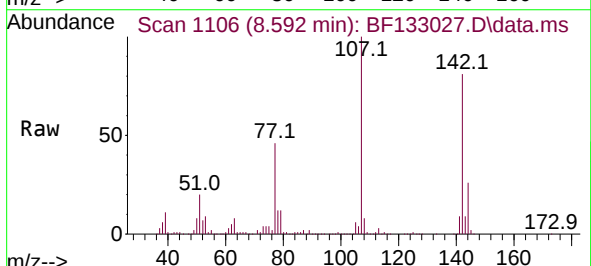
Tgt Ion:107 Resp: 669447

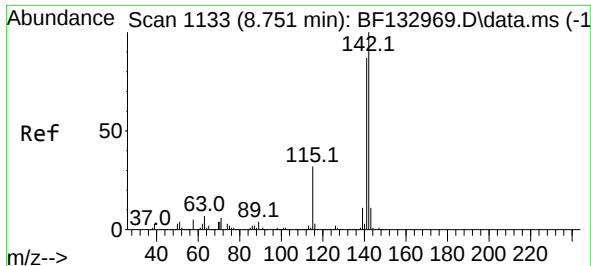
Ion Ratio Lower Upper

107 100

144 26.2 20.6 30.8

142 80.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.345 ng

RT: 8.745 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:142 Resp: 1344838

Ion Ratio Lower Upper

142 100

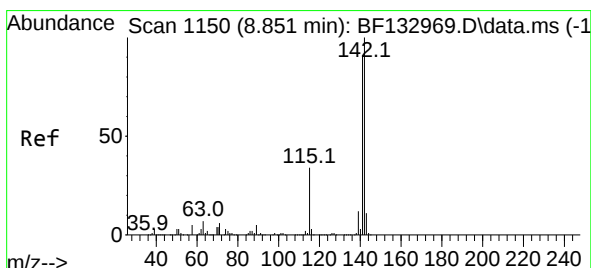
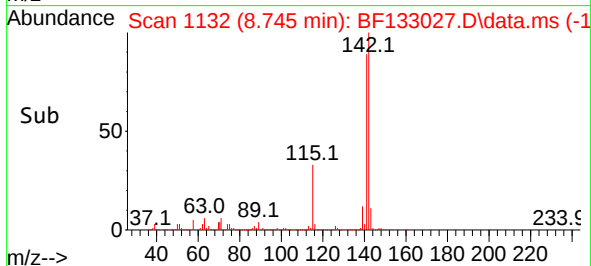
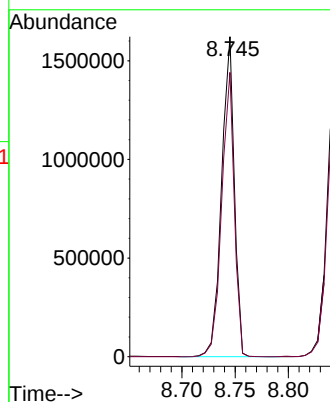
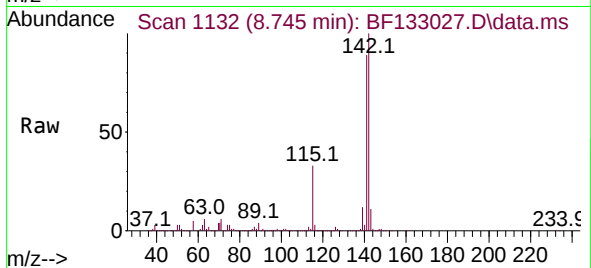
141 88.9 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#38

1-Methylnaphthalene

Concen: 44.222 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF133027.D

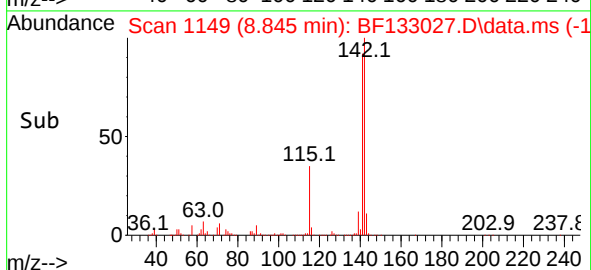
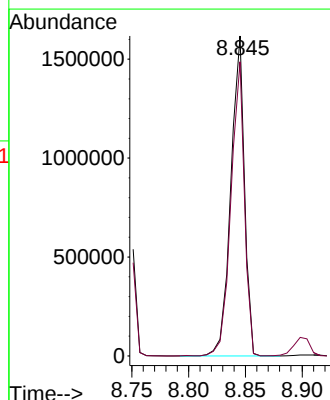
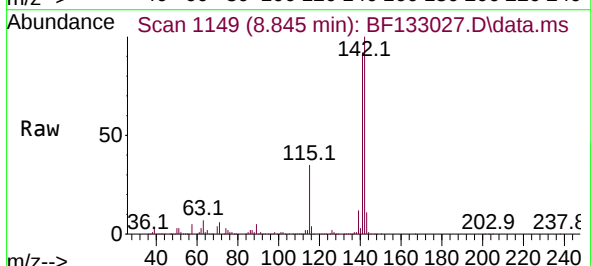
Acq: 25 Apr 2023 12:36

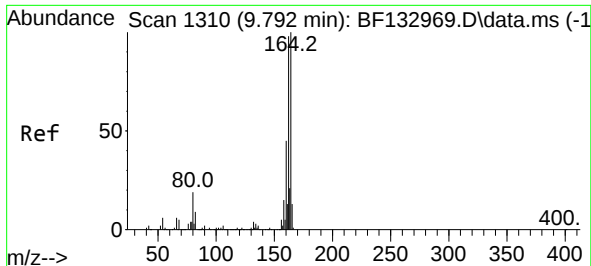
Tgt Ion:142 Resp: 1345591

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7





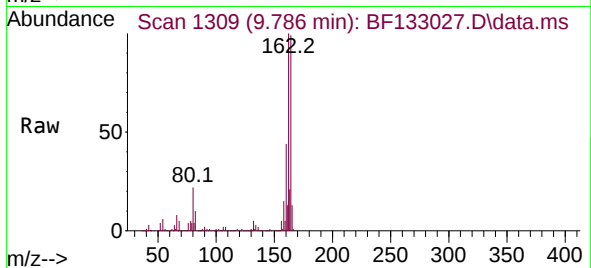
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11309
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

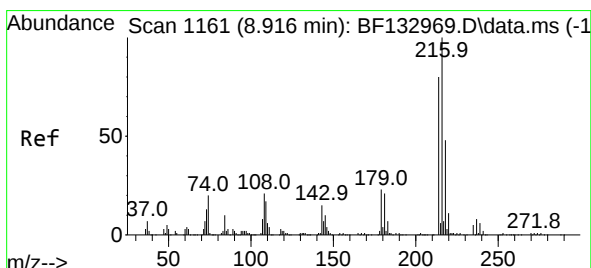
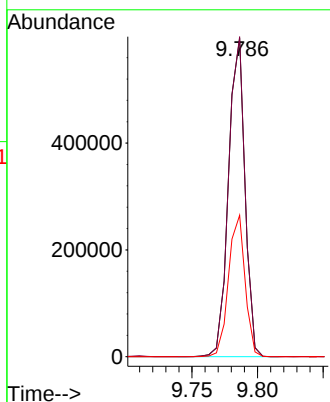
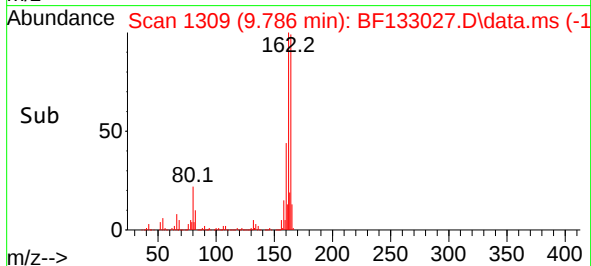


Tgt Ion:164 Resp: 519715
Ion Ratio Lower Upper
164 100
162 100.5 78.7 118.1
160 44.4 35.8 53.6

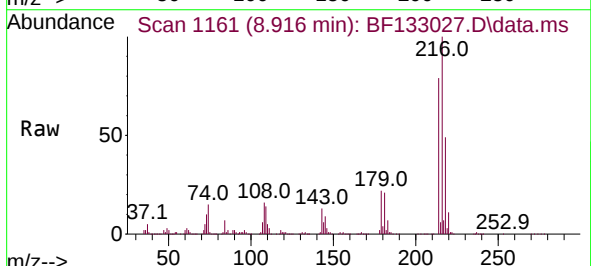
Manual Integrations

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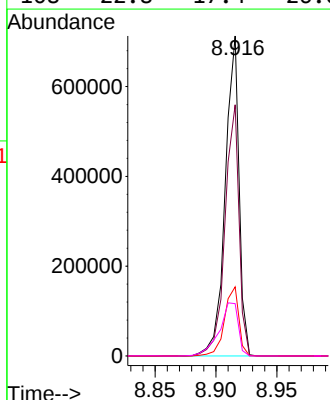
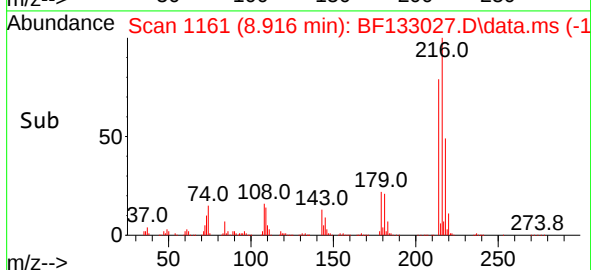
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.464 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:216 Resp: 565436
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 22.3 17.4 26.2
108 22.8 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 99.123 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

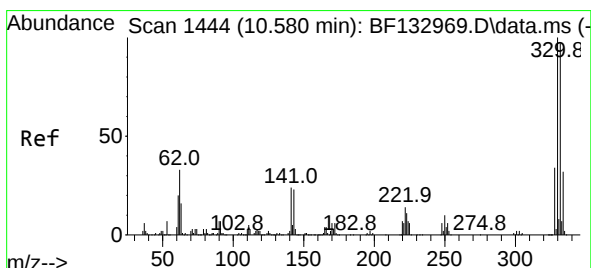
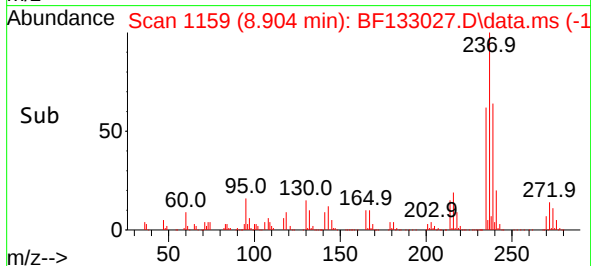
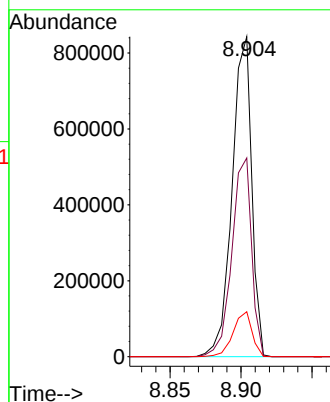
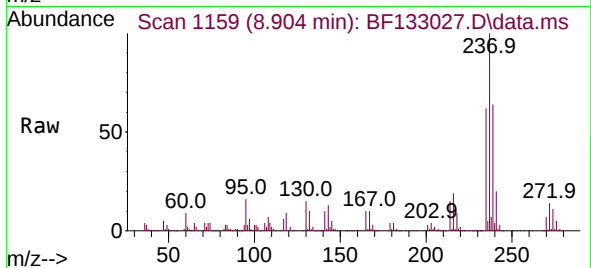
PB152211BS

Tgt Ion:237 Resp: 807805
Ion Ratio Lower Upper
237 100
235 62.1 43.5 83.5
272 14.0 0.0 32.7

Manual Integrations

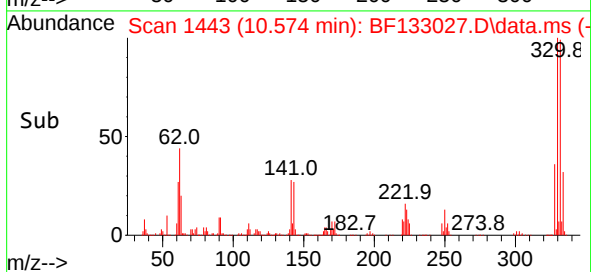
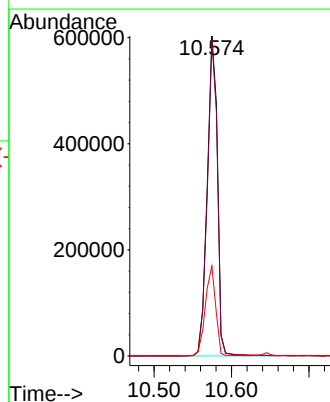
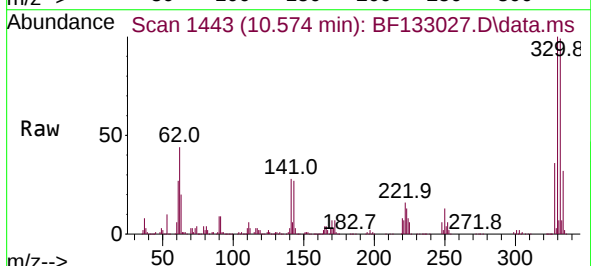
APPROVED

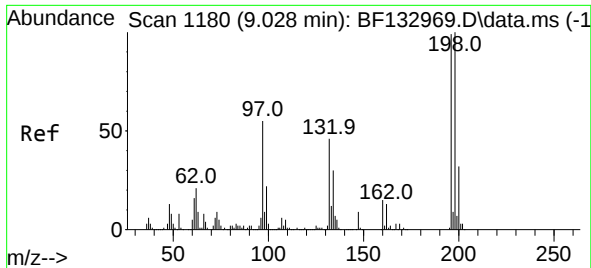
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#42
2,4,6-Tribromophenol
Concen: 105.574 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:330 Resp: 551807
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 28.7 25.8 38.8





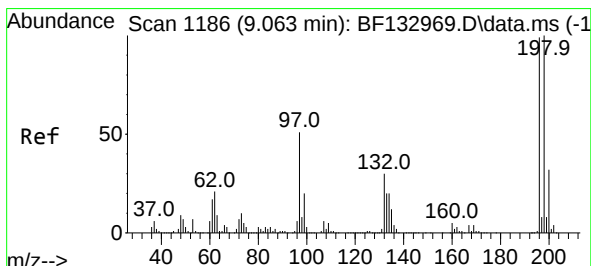
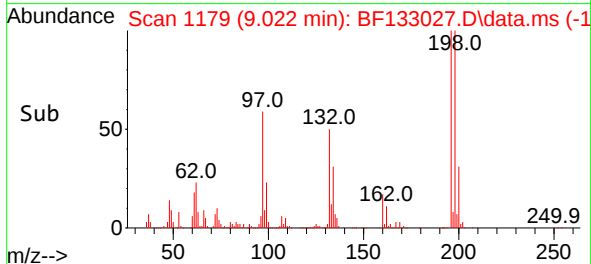
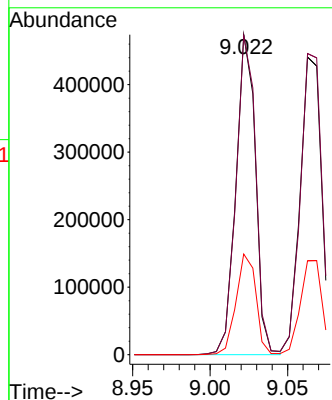
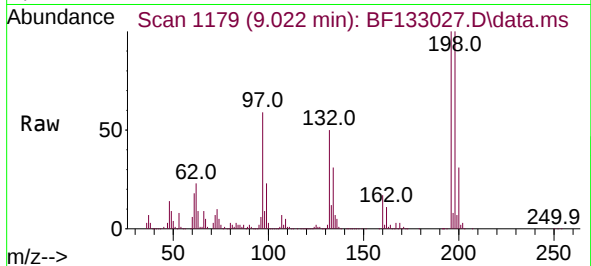
#43
2,4,6-Trichlorophenol
Concen: 43.027 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion:196 Resp: 41580
Ion Ratio Lower Upper
196 100
198 99.7 81.0 121.6
200 31.5 26.1 39.1

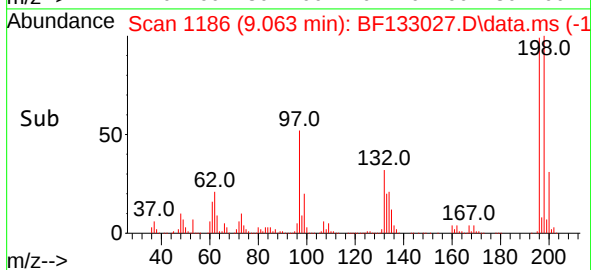
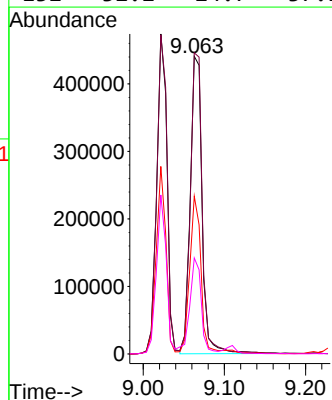
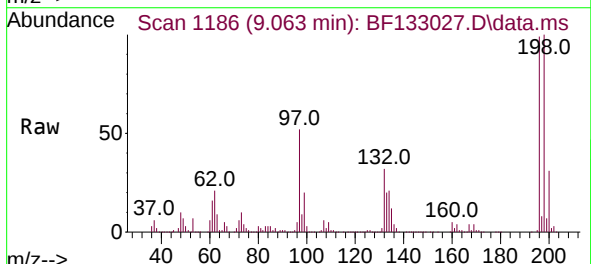
Manual Integrations
APPROVED

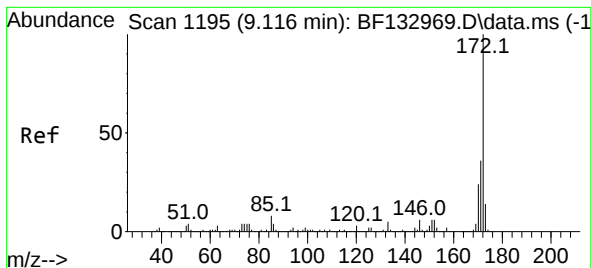
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#44
2,4,5-Trichlorophenol
Concen: 40.081 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:196 Resp: 447964
Ion Ratio Lower Upper
196 100
198 101.2 80.9 121.3
97 53.0 41.3 61.9
132 32.2 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 68.320 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:172 Resp: 212233

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

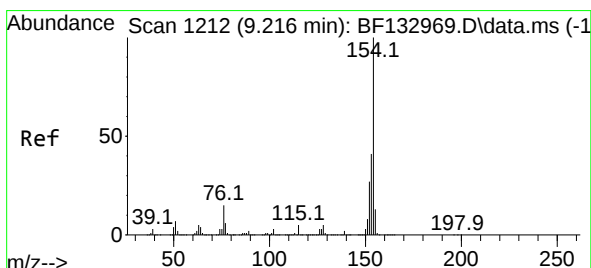
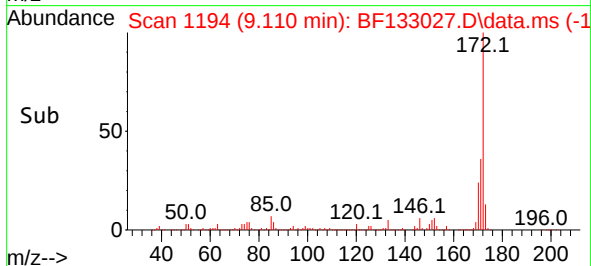
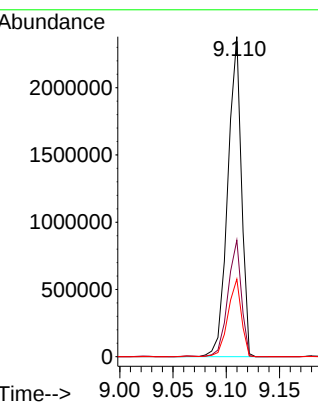
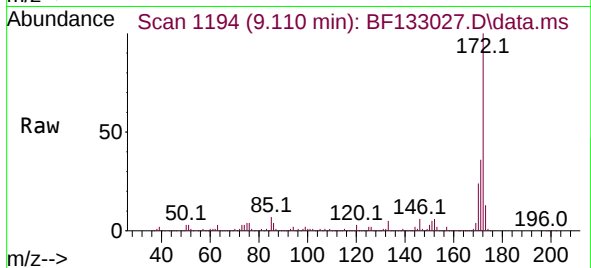
170 24.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#46

1,1'-Biphenyl

Concen: 40.719 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

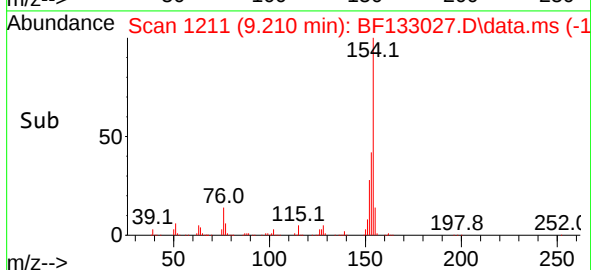
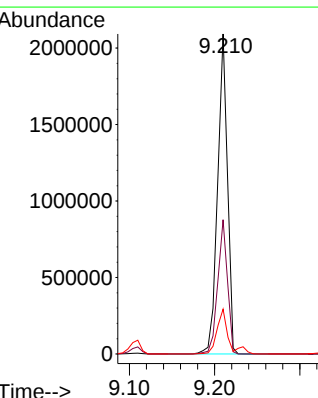
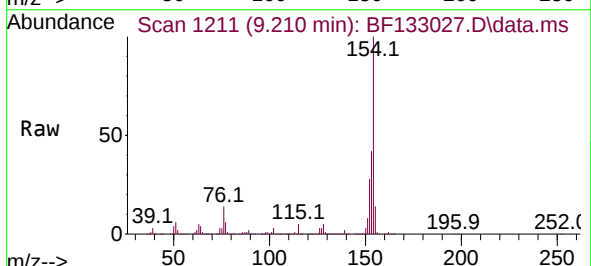
Tgt Ion:154 Resp: 1678087

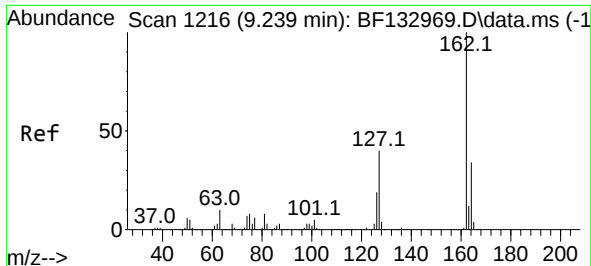
Ion Ratio Lower Upper

154 100

153 41.9 21.0 61.0

76 14.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 41.719 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:162 Resp: 1258390

Ion Ratio Lower Upper

162 100

127 40.9 32.3 48.5

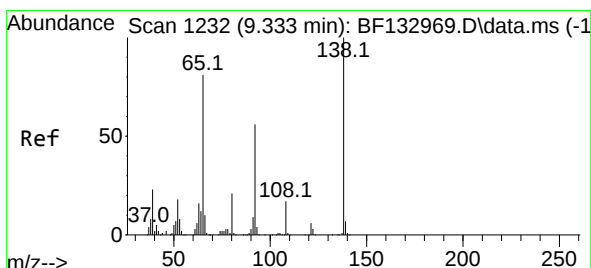
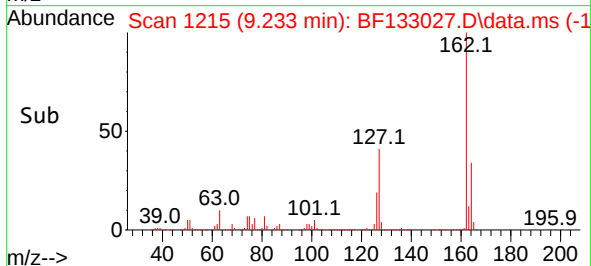
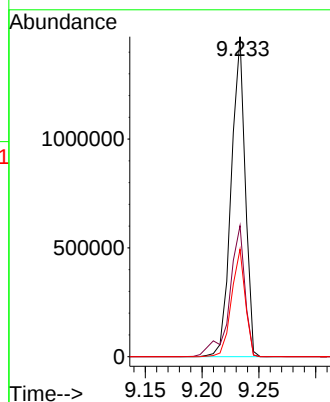
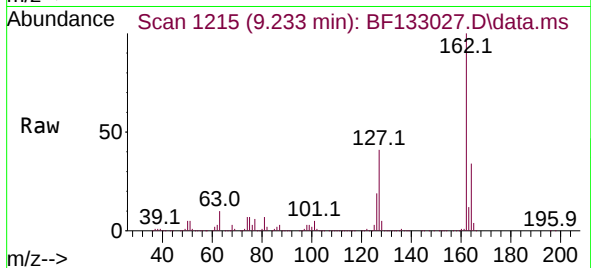
164 33.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#48

2-Nitroaniline

Concen: 41.348 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

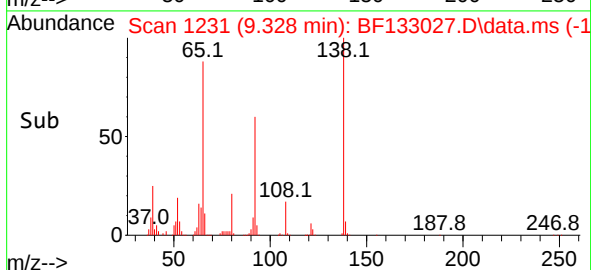
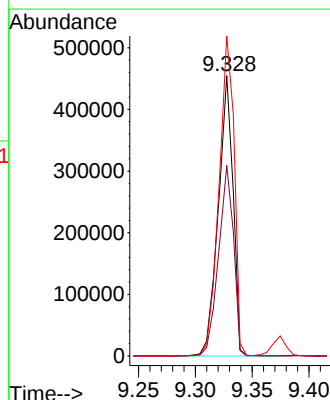
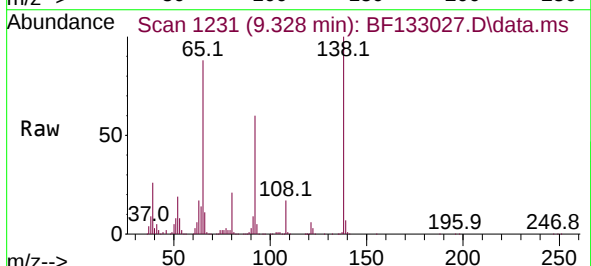
Tgt Ion: 65 Resp: 412202

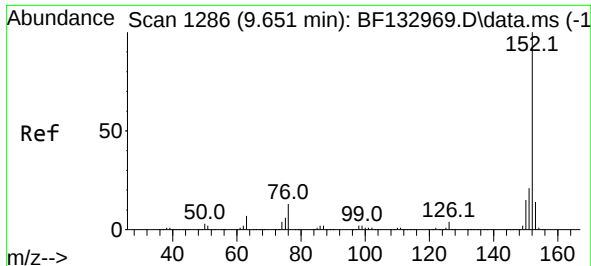
Ion Ratio Lower Upper

65 100

92 68.0 55.4 83.0

138 114.2 98.2 147.2





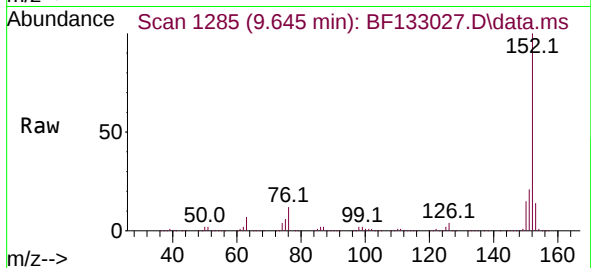
#49
Acenaphthylene
Concen: 40.984 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

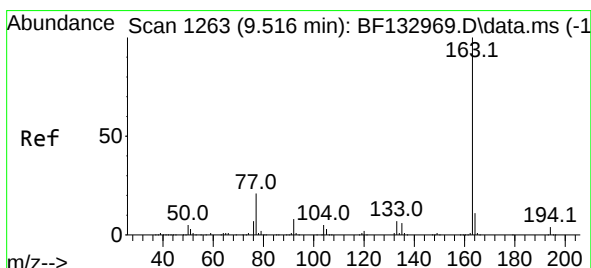
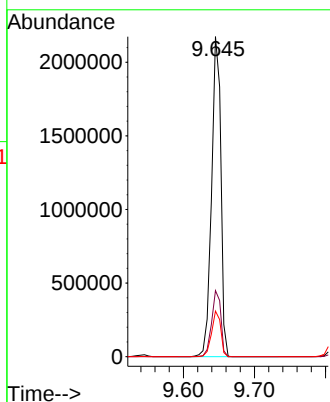
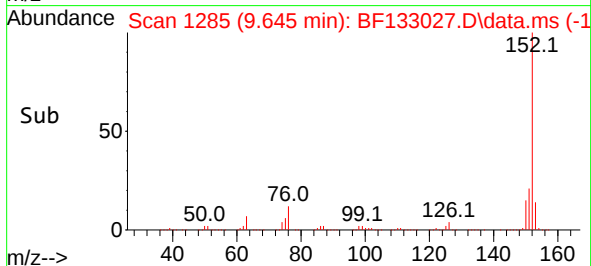


Tgt Ion:152 Resp: 197529
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.3 11.5 17.3

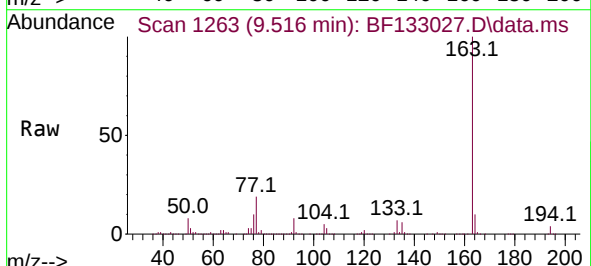
Manual Integrations

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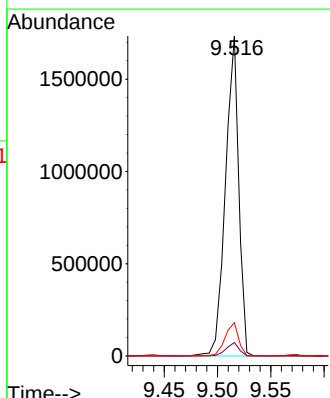
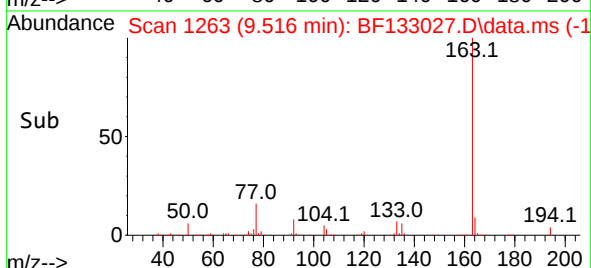
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

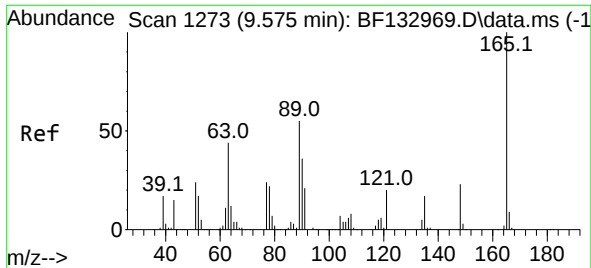


#50
Dimethylphthalate
Concen: 41.436 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



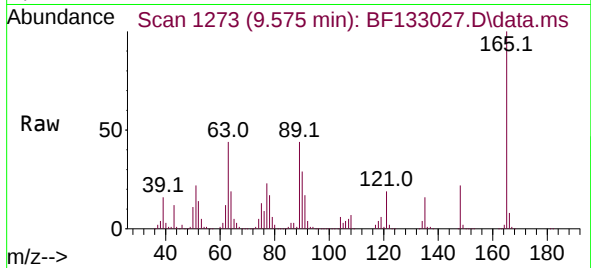
Tgt Ion:163 Resp: 1501580
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.485 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

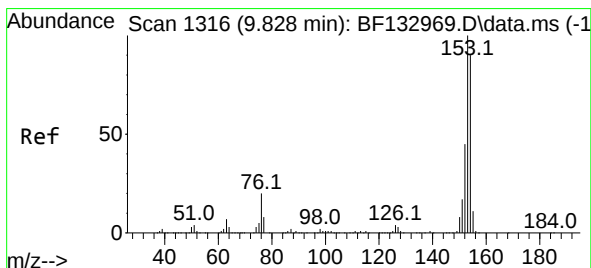
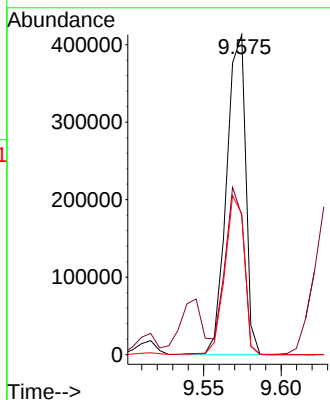
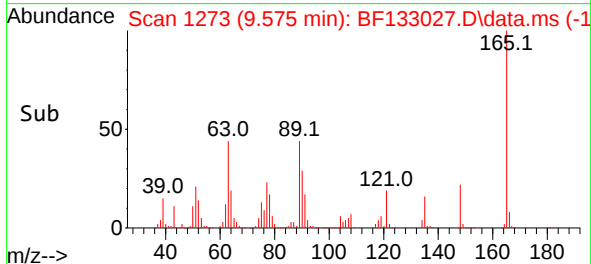
Instrument :
BNA_F
ClientSampleId :
PB152211BS



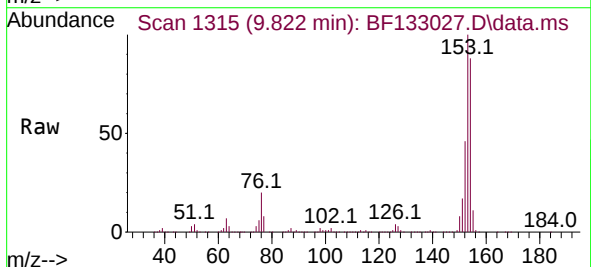
Tgt Ion:165 Resp: 35468
Ion Ratio Lower Upper
165 100
63 43.6 45.9 68.9
89 44.0 44.0 66.0

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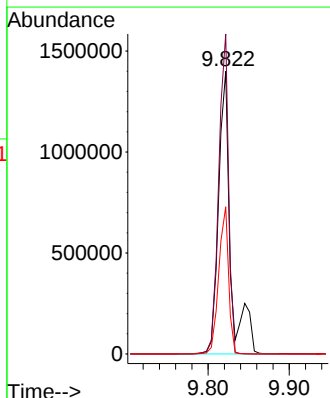
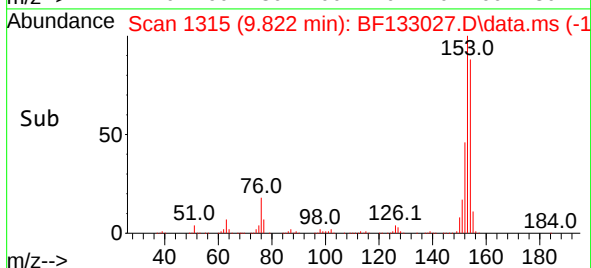
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

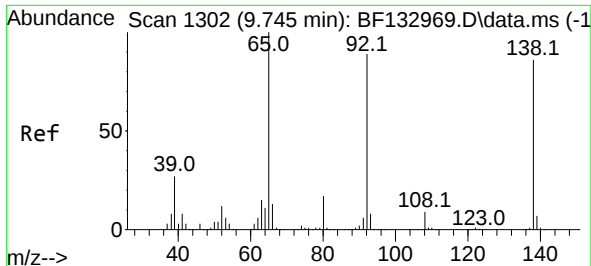


#52
Acenaphthene
Concen: 44.849 ng m
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:154 Resp: 1447733
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.6
152 52.1 40.4 60.6





#53
3-Nitroaniline
Concen: 28.841 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

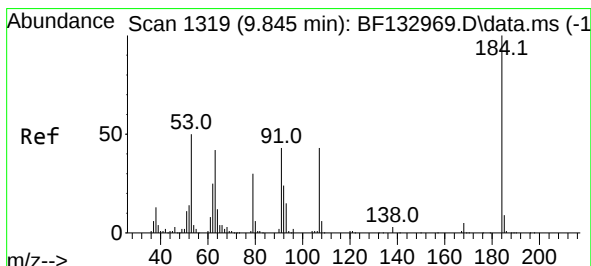
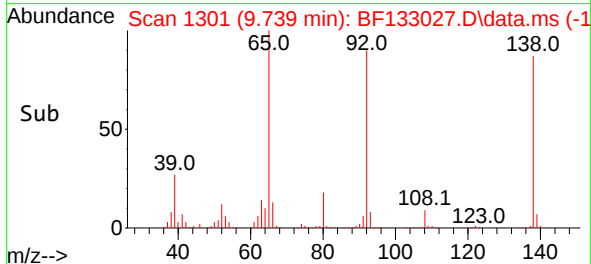
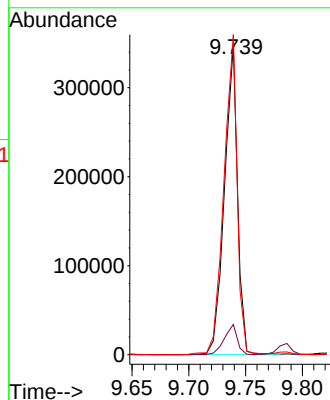
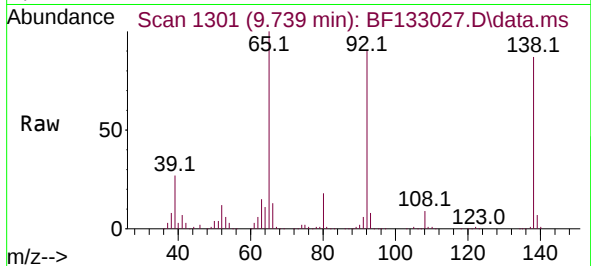
ClientSampleId :

PB152211BS

Tgt Ion:138 Resp: 279708
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 103.4 83.6 125.4

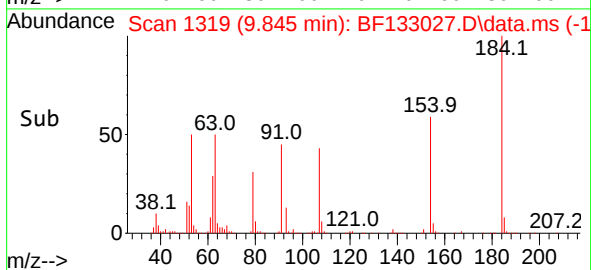
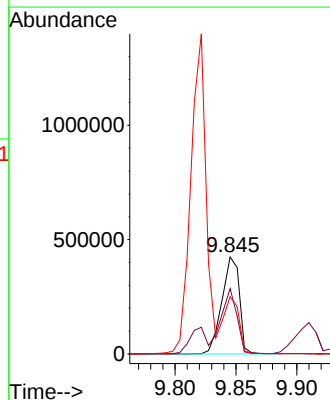
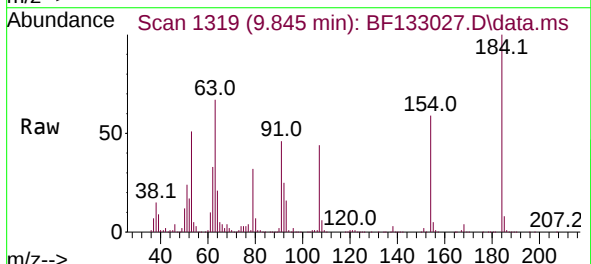
Manual Integrations
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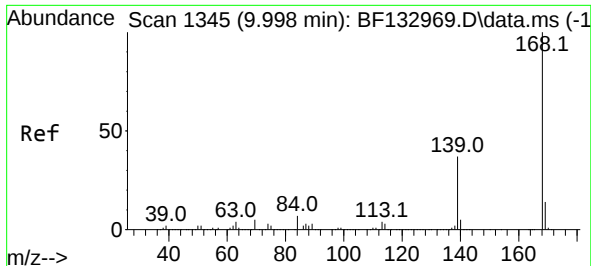
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#54
2,4-Dinitrophenol
Concen: 104.170 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

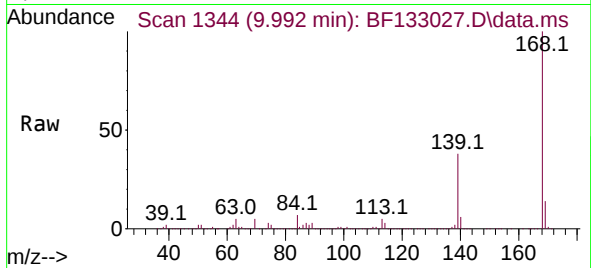
Tgt Ion:184 Resp: 427076
Ion Ratio Lower Upper
184 100
63 67.3 49.8 74.8
154 59.0 49.5 74.3





#55
Dibenzenofuran
Concen: 40.434 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

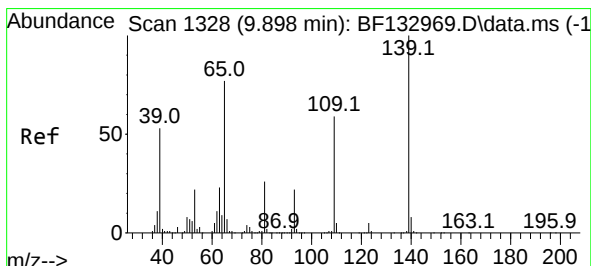
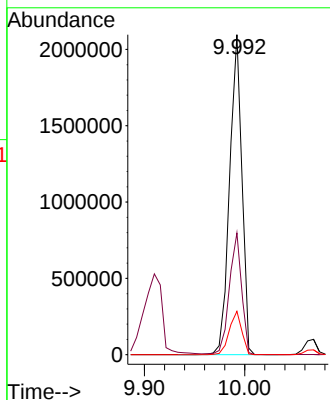
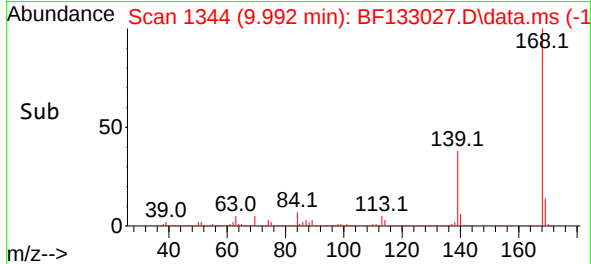
Instrument :
BNA_F
ClientSampleId :
PB152211BS



Tgt Ion:168 Resp: 1780428
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.8
169 13.6 10.8 16.2

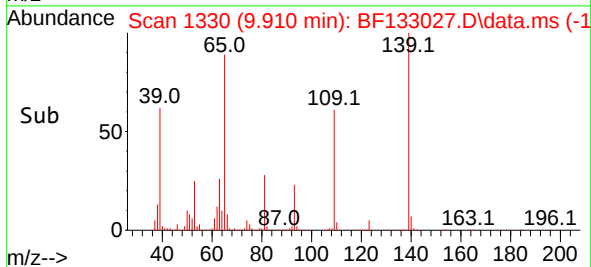
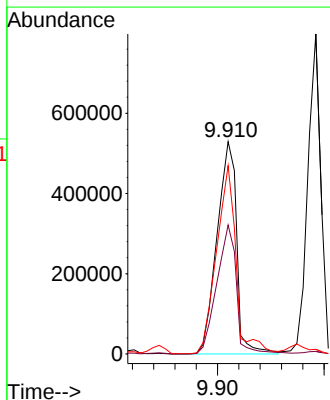
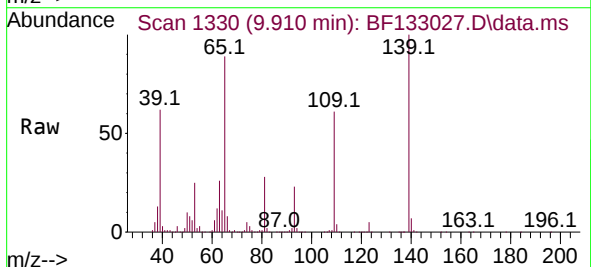
Manual Integrations
APPROVED

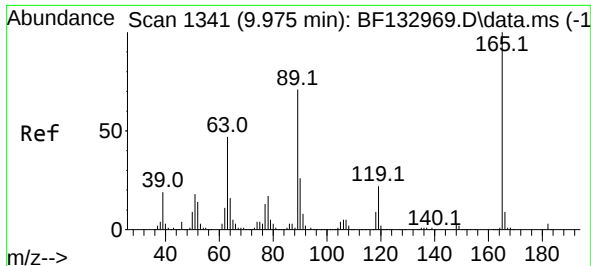
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 89.964 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:139 Resp: 675753
Ion Ratio Lower Upper
139 100
109 60.8 39.4 79.4
65 88.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.223 ng

RT: 9.975 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:165 Resp: 470394

Ion Ratio Lower Upper

165 100

63 43.7 37.7 56.5

89 69.4 57.0 85.4

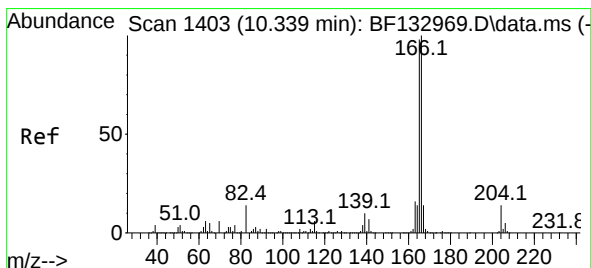
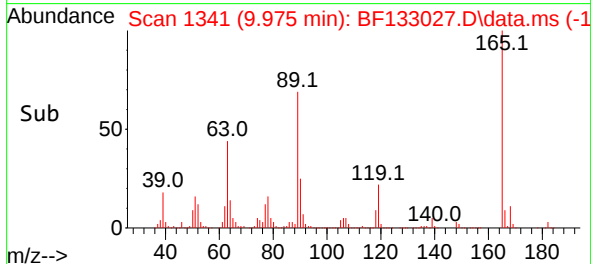
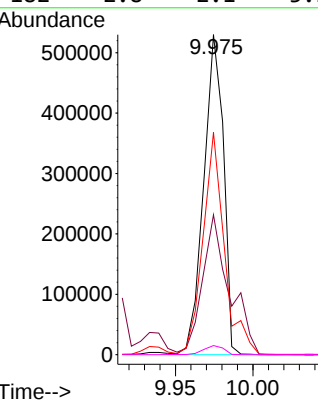
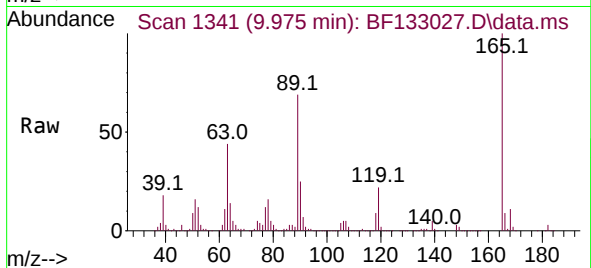
182 2.8 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#58

Fluorene

Concen: 40.205 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

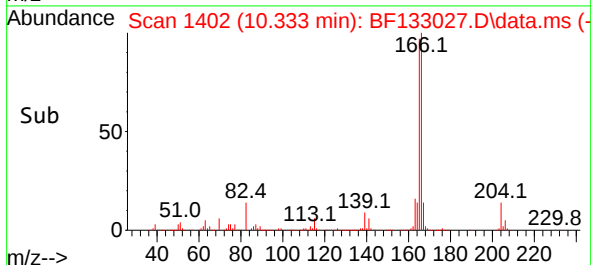
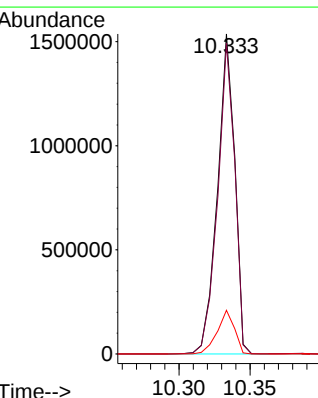
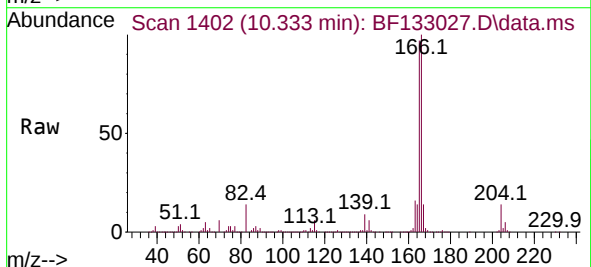
Tgt Ion:166 Resp: 1297042

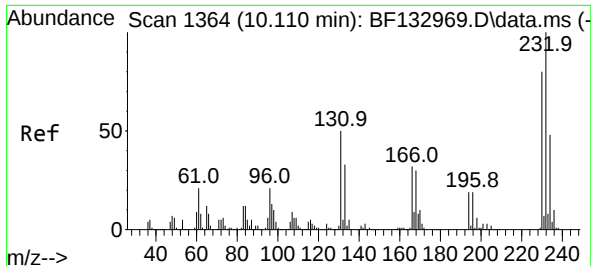
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

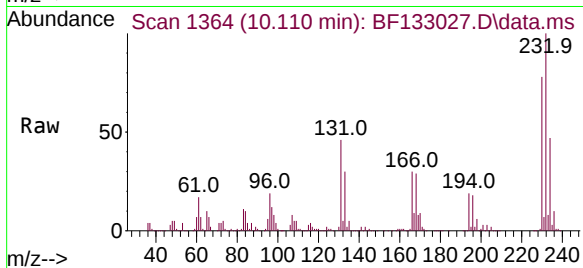
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.085 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

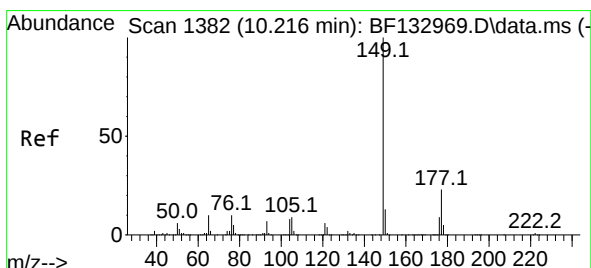
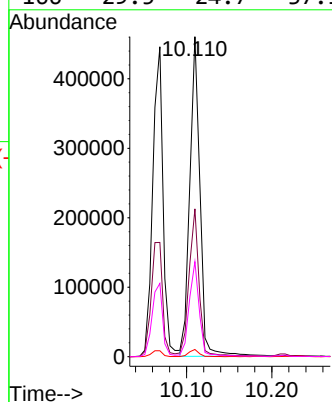
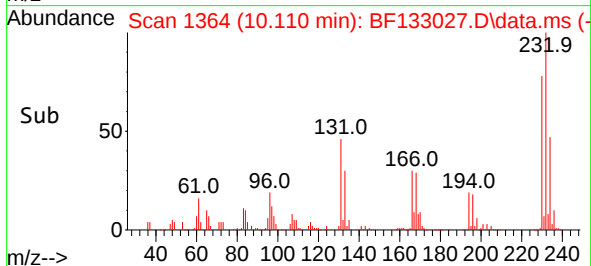
Instrument :
BNA_F
ClientSampleId :
PB152211BS



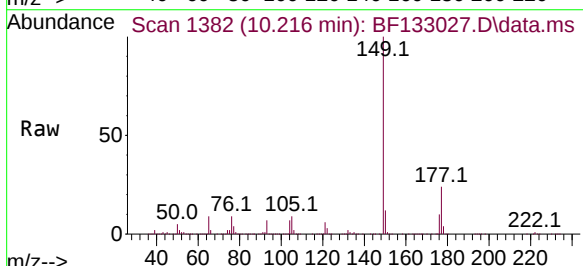
Tgt Ion:232 Resp: 38198
Ion Ratio Lower Upper
232 100
131 45.7 38.0 57.0
130 2.3 1.8 2.8
166 29.5 24.7 37.1

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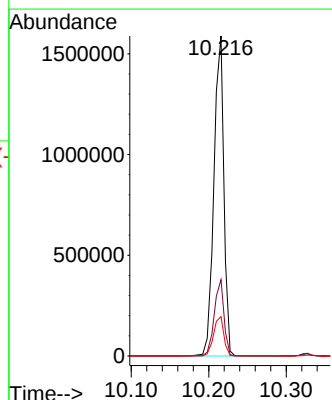
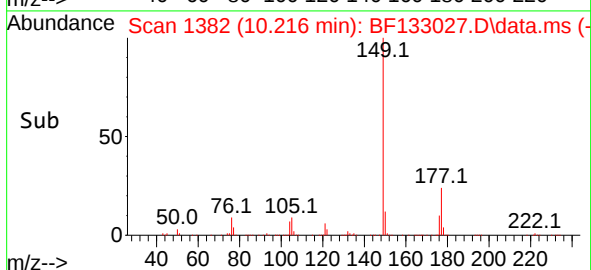
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

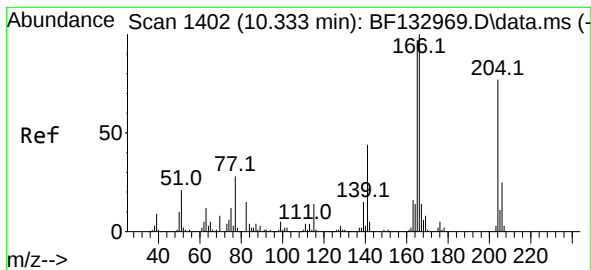


#60
Diethylphthalate
Concen: 41.424 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:149 Resp: 1417926
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.3 10.2 15.4





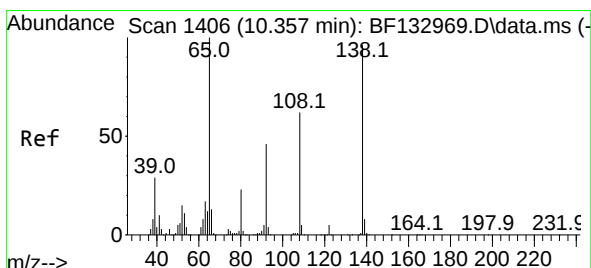
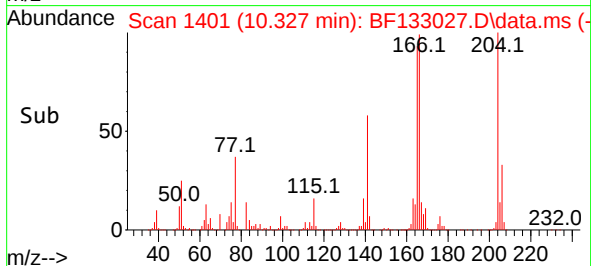
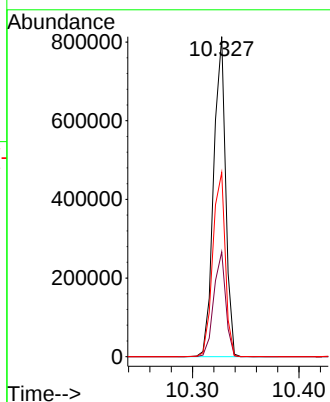
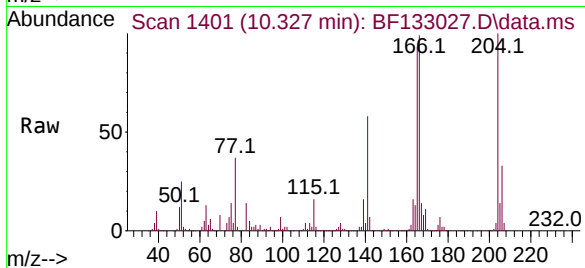
#61
4-Chlorophenyl-phenylether
Concen: 40.396 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion:204 Resp: 635069
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 57.6 46.1 69.1

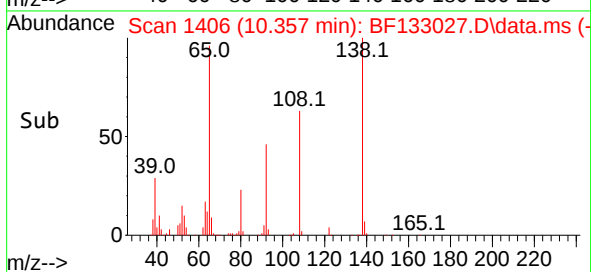
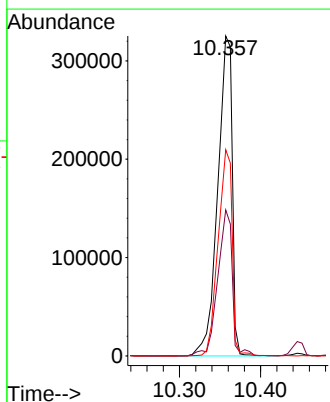
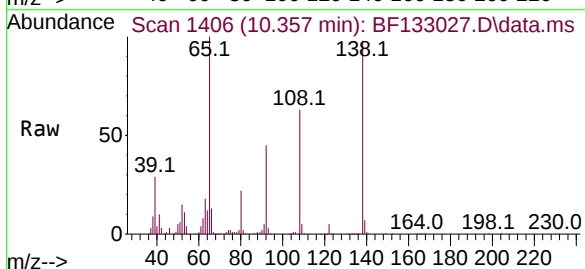
Manual Integrations
APPROVED

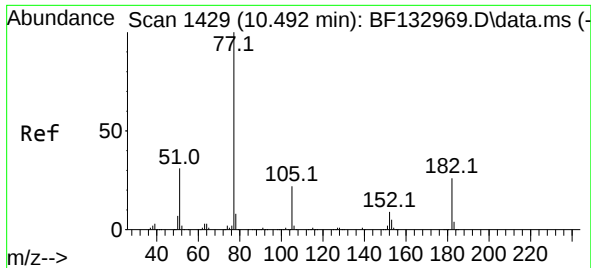
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#62
4-Nitroaniline
Concen: 45.370 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:138 Resp: 404409
Ion Ratio Lower Upper
138 100
92 45.7 27.7 67.7
108 64.4 45.2 85.2





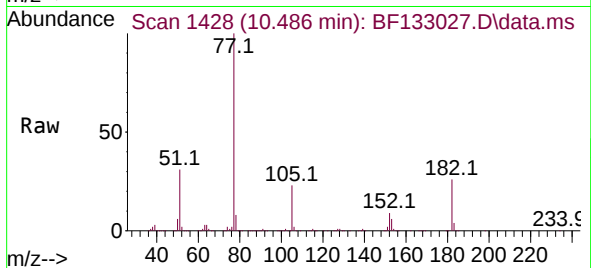
#63
Azobenzene
Concen: 39.872 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

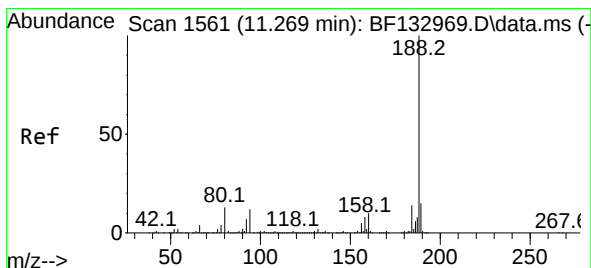
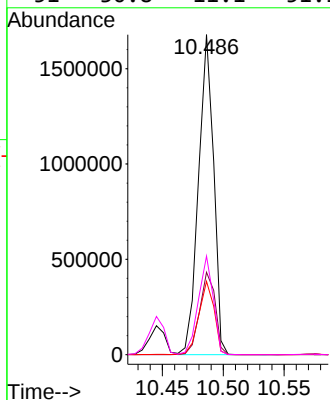
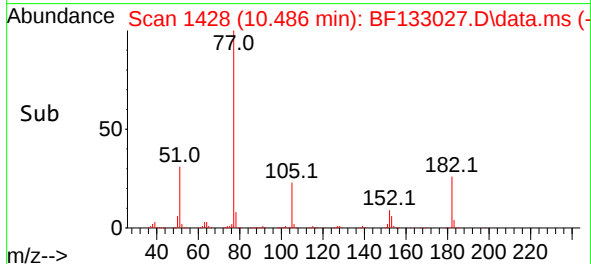


Tgt Ion: 77 Resp: 1445790
Ion Ratio Lower Upper
77 100
182 25.7 5.9 45.9
105 22.9 2.3 42.3
51 30.8 11.1 51.1

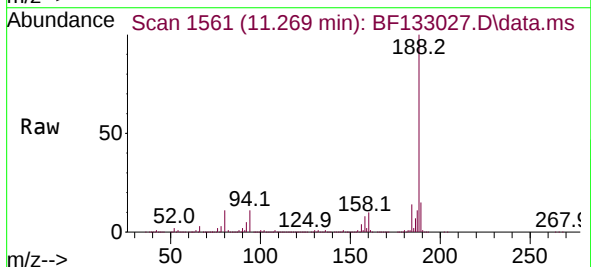
Manual Integrations

APPROVED

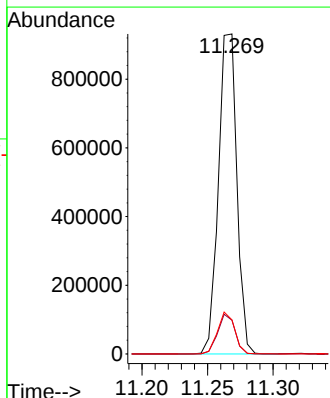
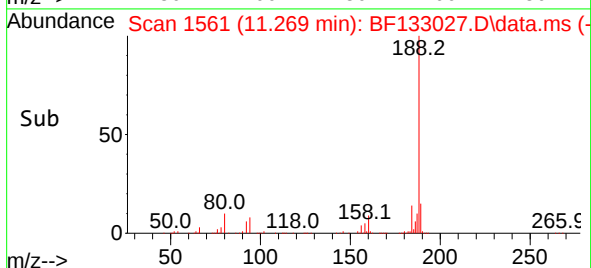
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

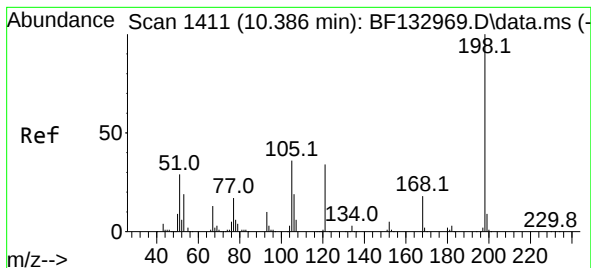


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:188 Resp: 910422
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 10.7 10.4 15.6





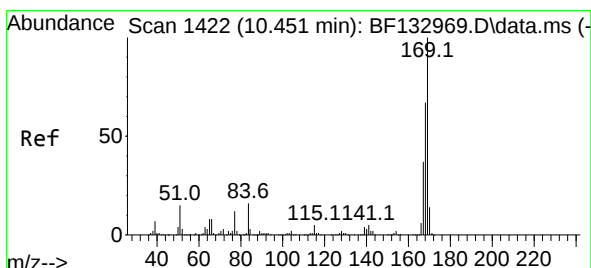
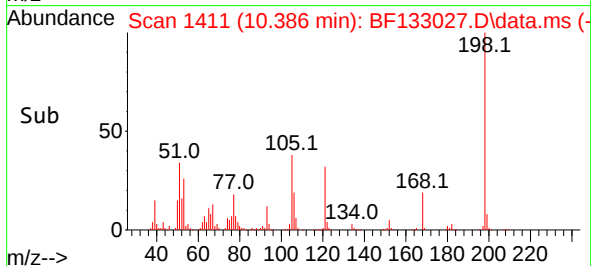
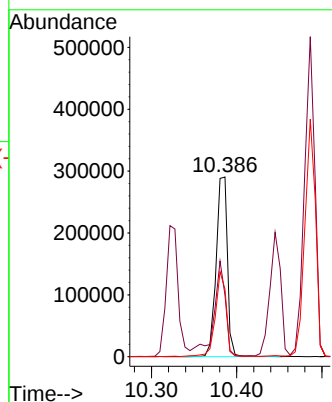
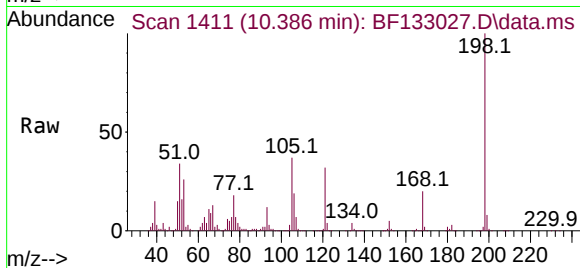
#65
4,6-Dinitro-2-methylphenol
Concen: 48.797 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion:198 Resp: 269270
Ion Ratio Lower Upper
198 100
51 34.2 15.5 55.5
105 37.5 16.7 56.7

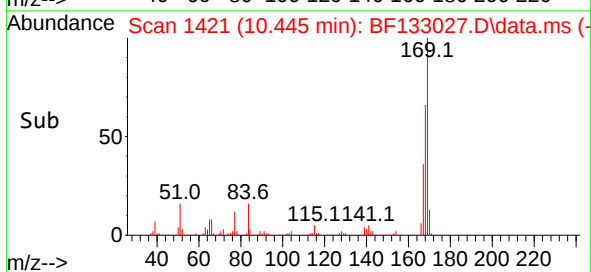
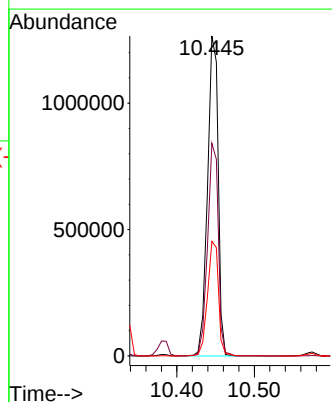
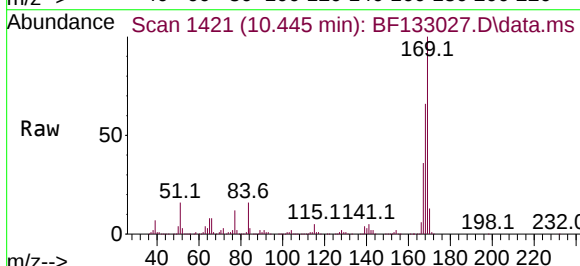
Manual Integrations
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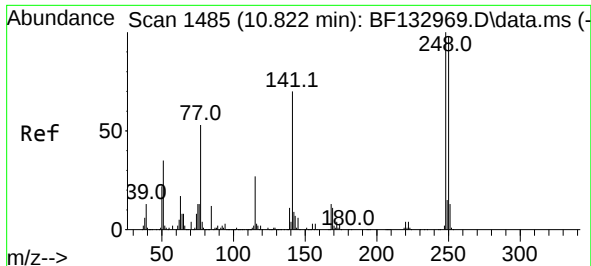
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#66
n-Nitrosodiphenylamine
Concen: 40.812 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

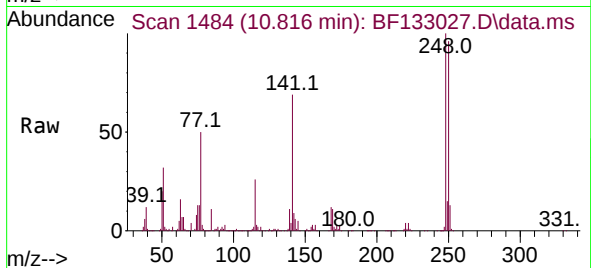
Tgt Ion:169 Resp: 1205245
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 35.8 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.320 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

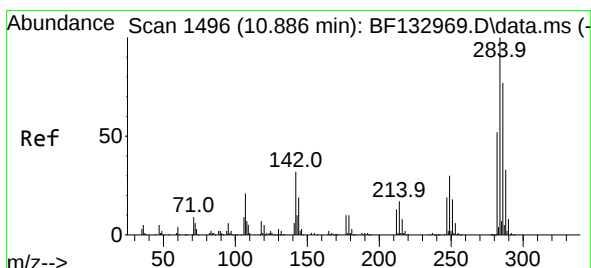
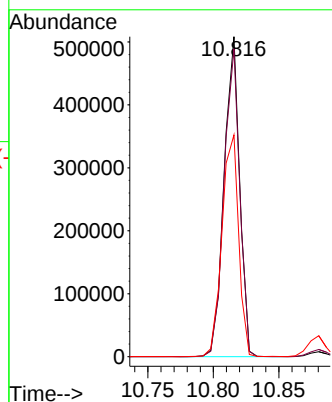
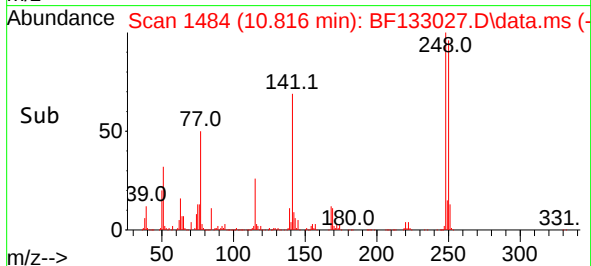
Instrument :
BNA_F
ClientSampleId :
PB152211BS



Tgt Ion:248 Resp: 41787
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 69.3 56.3 84.5

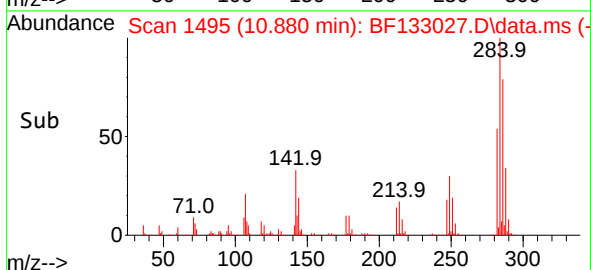
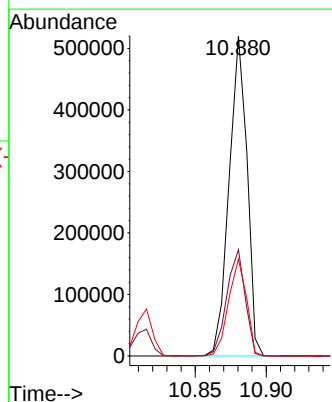
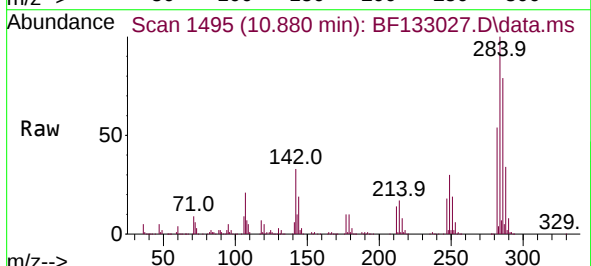
Manual Integrations
APPROVED

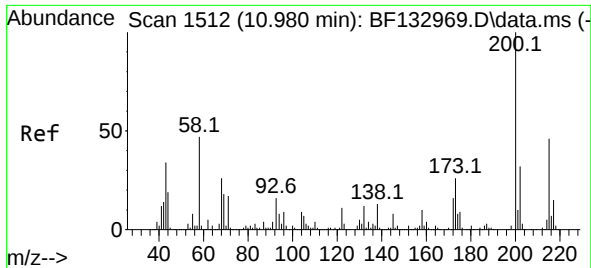
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#68
Hexachlorobenzene
Concen: 45.165 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

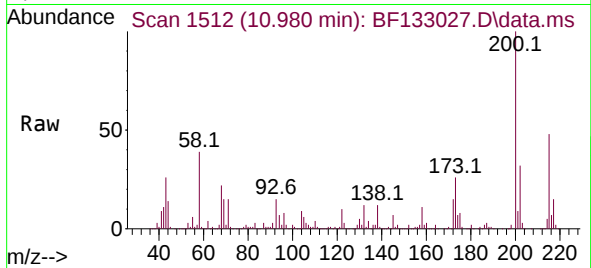
Tgt Ion:284 Resp: 456975
Ion Ratio Lower Upper
284 100
142 33.2 26.0 39.0
249 30.3 23.7 35.5





#69
 Atrazine
 Concen: 48.049 ng
 RT: 10.980 min Scan# 1512
 Delta R.T. -0.000 min
 Lab File: BF133027.D
 Acq: 25 Apr 2023 12:36

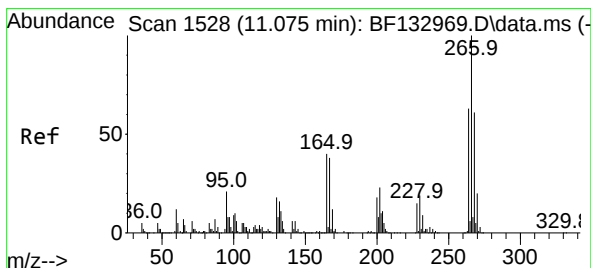
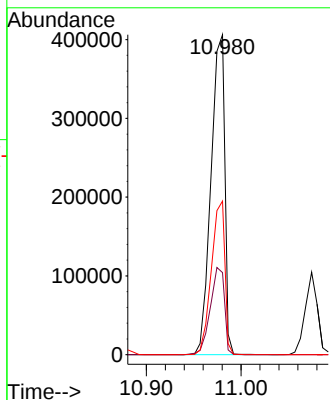
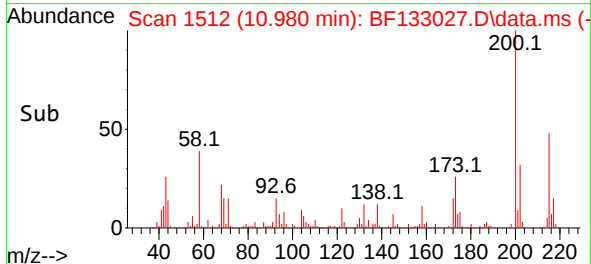
Instrument :
 BNA_F
 ClientSampleId :
 PB152211BS



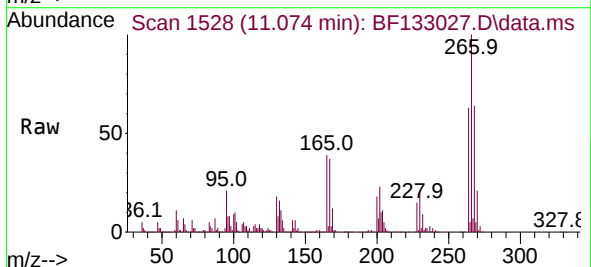
Tgt Ion:200 Resp: 408869
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.2 46.2
 215 48.0 26.3 66.3

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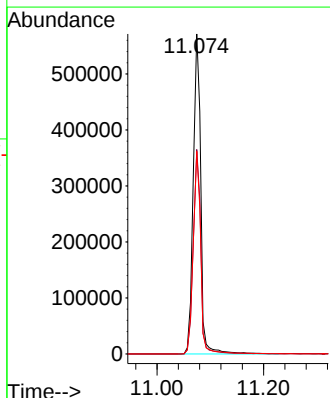
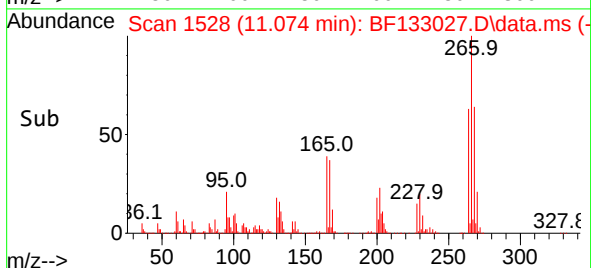
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

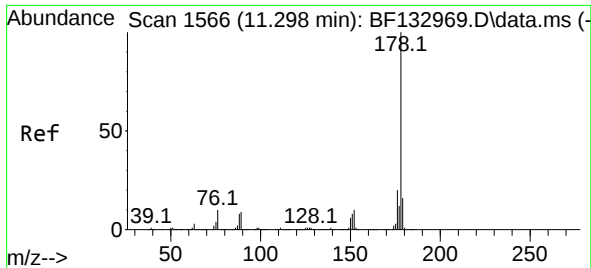


#70
 Pentachlorophenol
 Concen: 77.888 ng
 RT: 11.074 min Scan# 1528
 Delta R.T. -0.000 min
 Lab File: BF133027.D
 Acq: 25 Apr 2023 12:36



Tgt Ion:266 Resp: 561249
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.8 73.2
 264 63.3 50.6 76.0





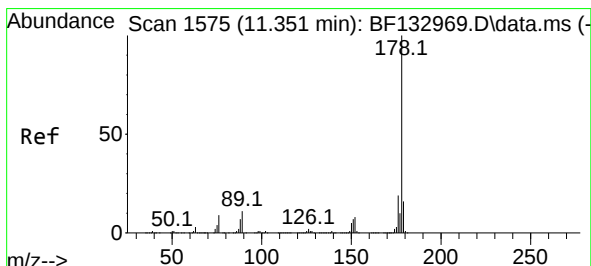
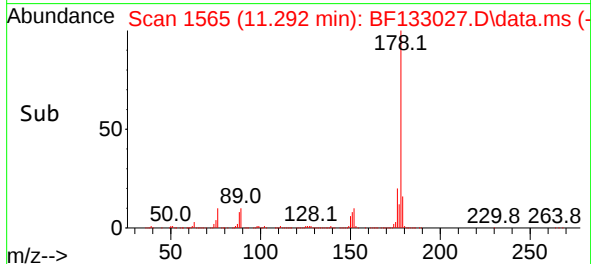
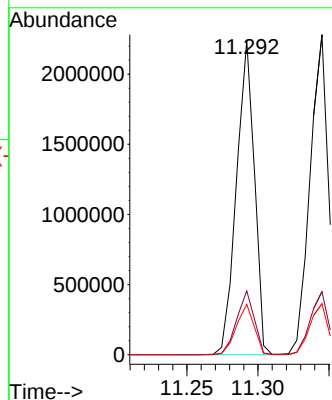
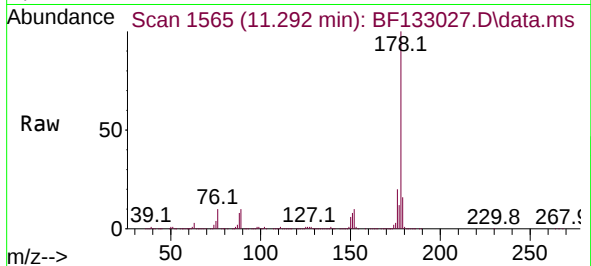
#71
Phenanthrene
Concen: 40.238 ng
RT: 11.292 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :
BNA_F
ClientSampleId :
PB152211BS

Tgt Ion:178 Resp: 1968950
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.0 12.5 18.7

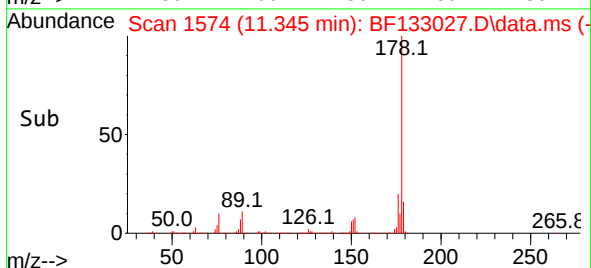
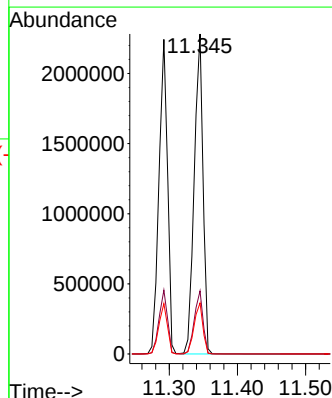
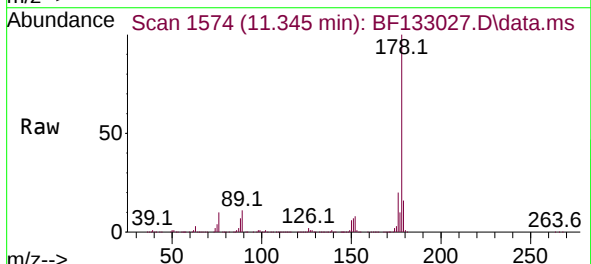
Manual Integrations
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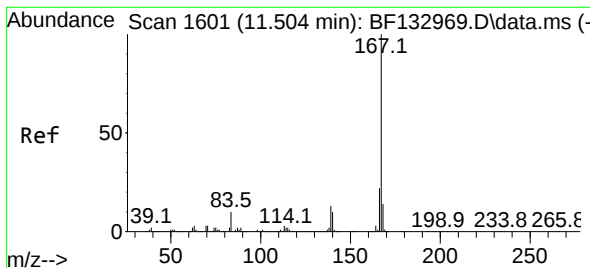
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 40.682 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:178 Resp: 2037223
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.0 12.4 18.6





#73

Carbazole

Concen: 42.225 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:167 Resp: 1882830

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

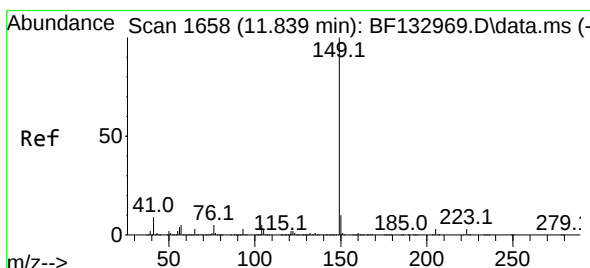
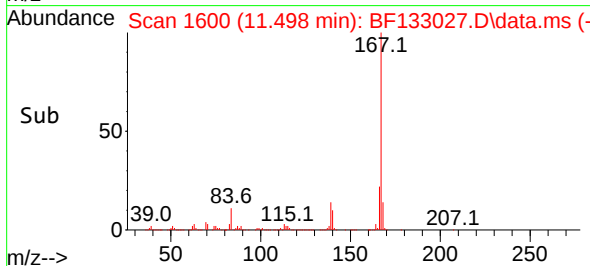
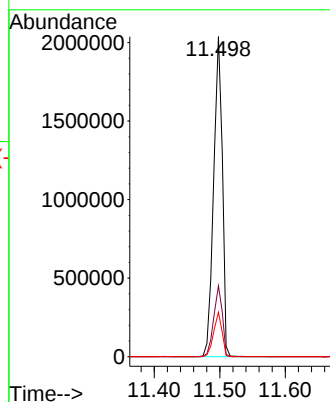
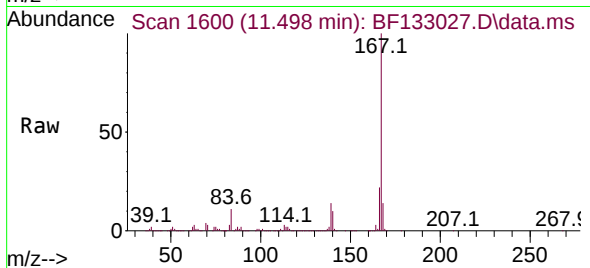
139 13.9 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#74

Di-n-butylphthalate

Concen: 44.298 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

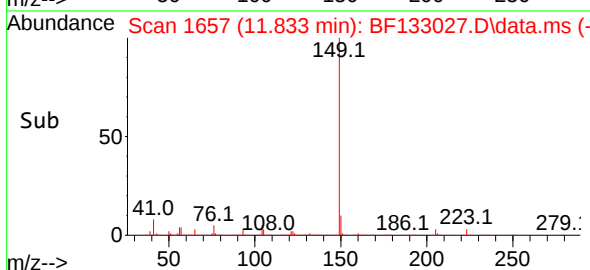
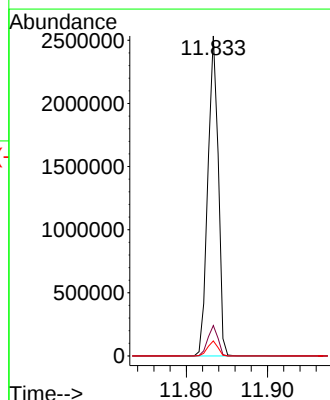
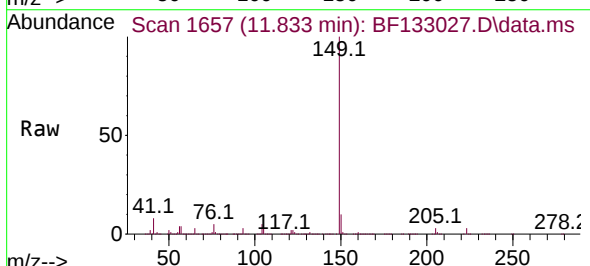
Tgt Ion:149 Resp: 2235332

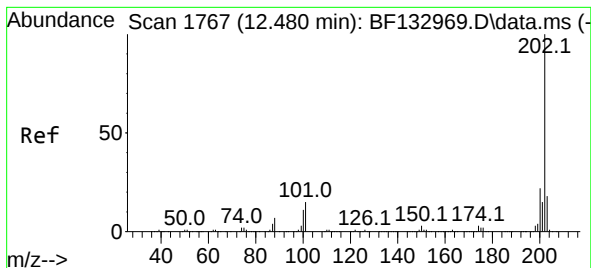
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 41.531 ng

RT: 12.474 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:202 Resp: 203956

Ion Ratio Lower Upper

202 100

101 14.9 0.0 35.3

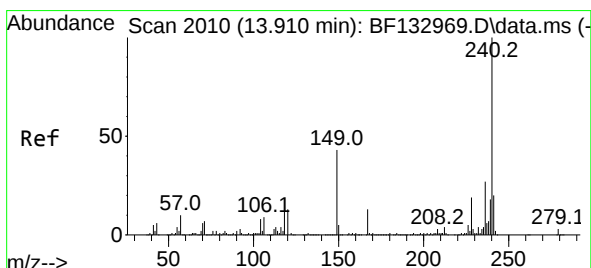
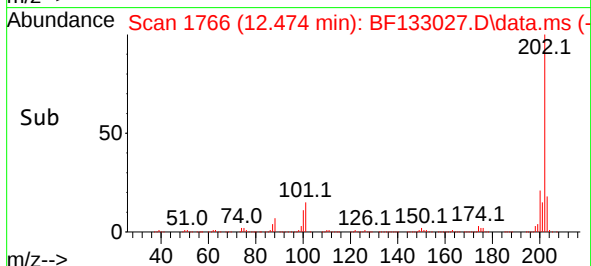
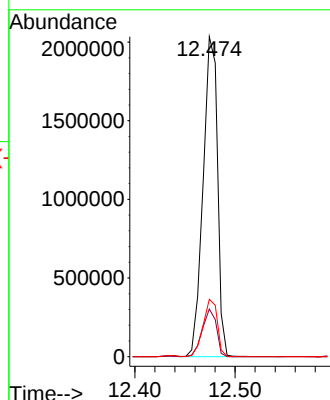
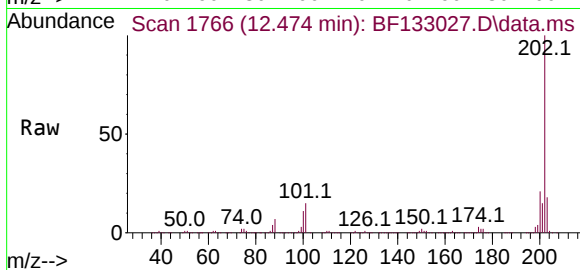
203 17.9 0.0 38.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

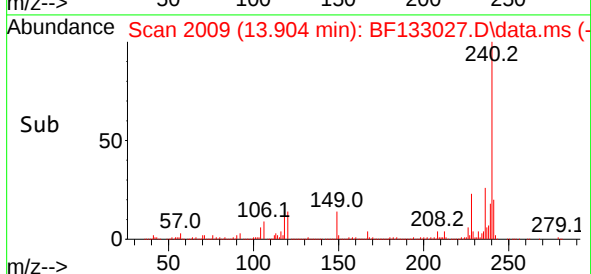
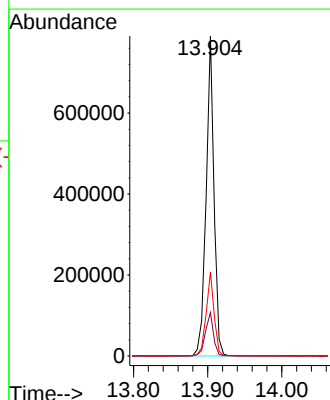
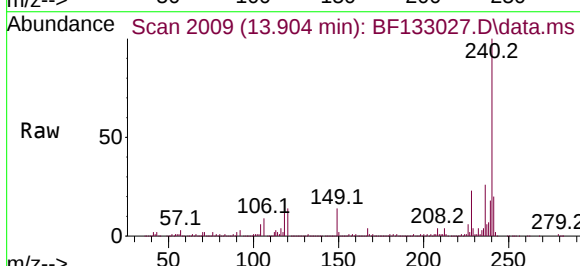
Tgt Ion:240 Resp: 586442

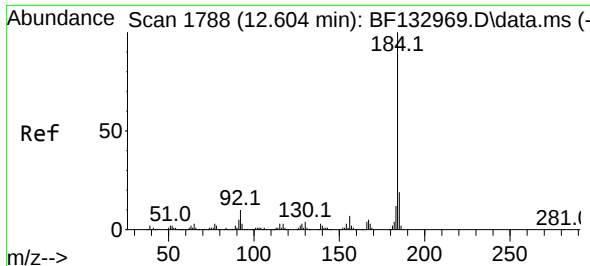
Ion Ratio Lower Upper

240 100

120 13.6 10.5 15.7

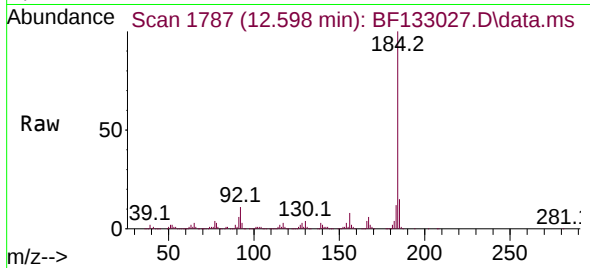
236 26.2 21.5 32.3





#77
Benzidine
Concen: 111.784 ng
RT: 12.598 min Scan# 110857
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

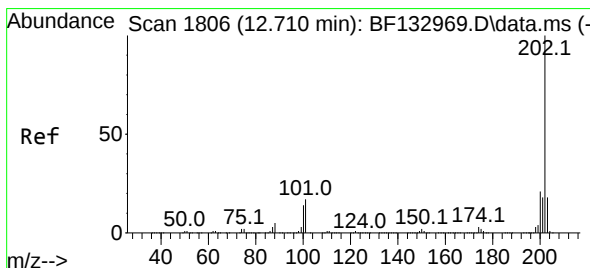
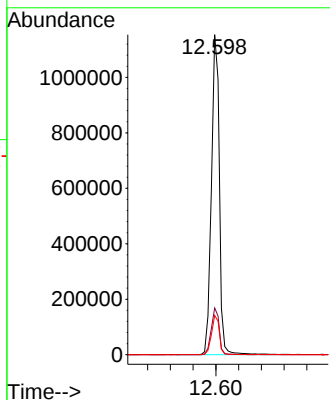
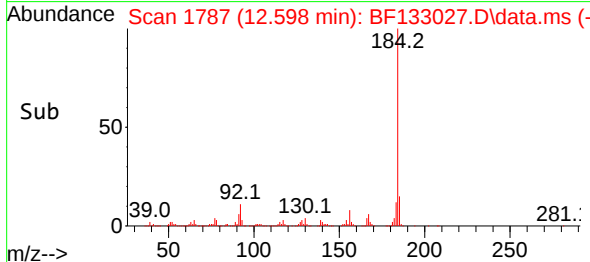
Instrument :
BNA_F
ClientSampleId :
PB152211BS



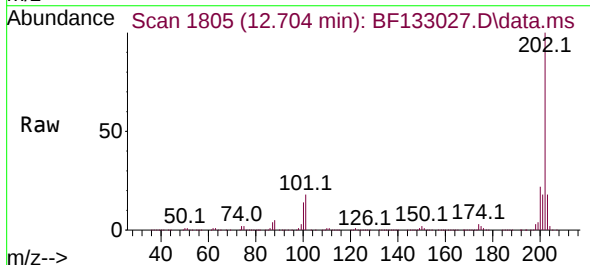
Tgt Ion:184 Resp: 110857
Ion Ratio Lower Upper
184 100
185 14.6 15.4 23.2
183 12.3 9.4 14.0

Manual Integrations
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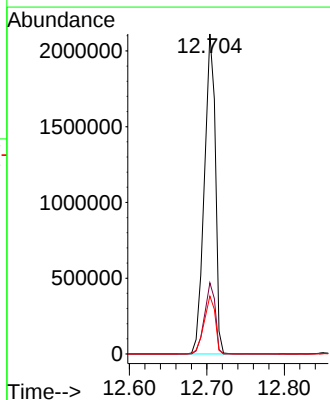
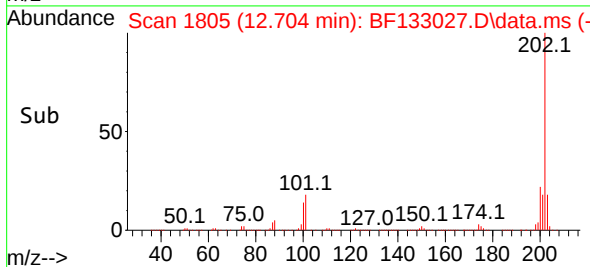
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

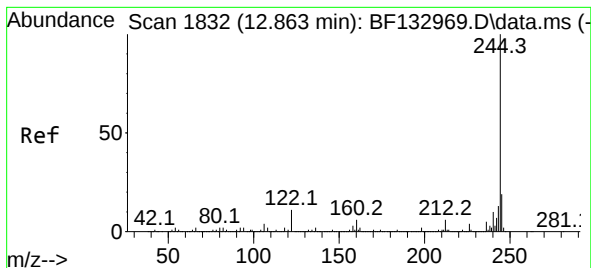


#78
Pyrene
Concen: 41.308 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:202 Resp: 2076636
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 69.145 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BF133027.D

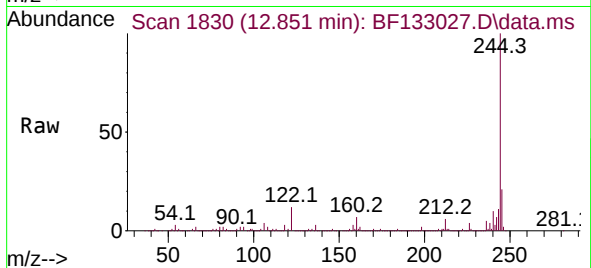
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS



Tgt Ion:244 Resp: 2351164

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

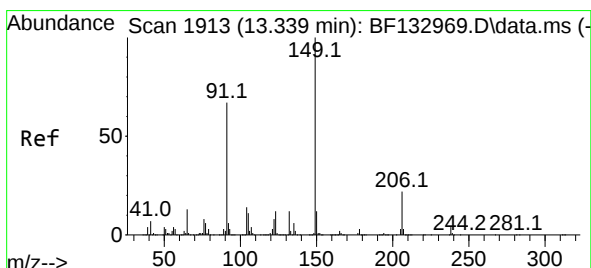
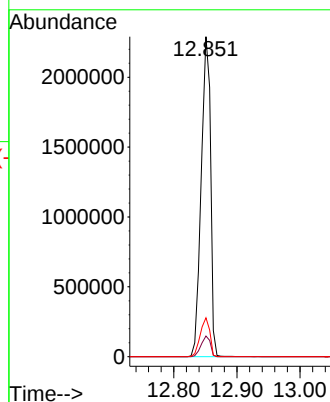
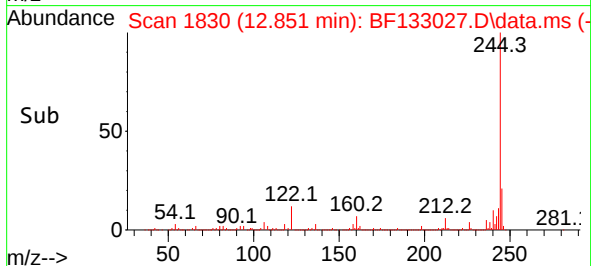
122 12.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#80

Butylbenzylphthalate

Concen: 50.934 ng

RT: 13.327 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

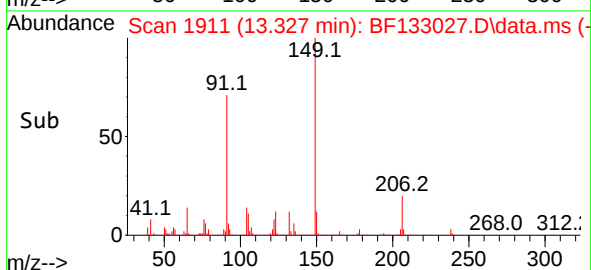
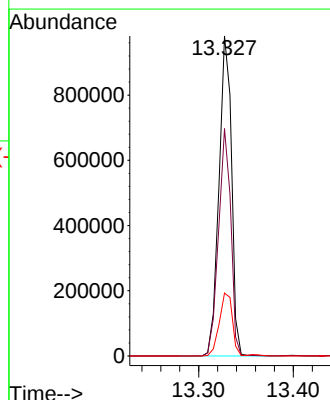
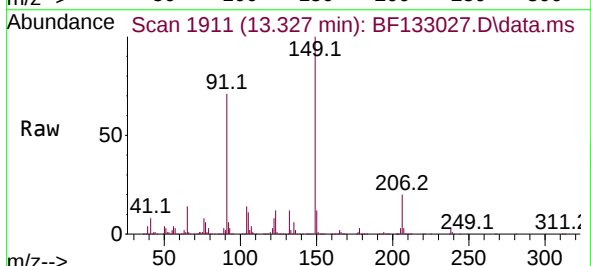
Tgt Ion:149 Resp: 906614

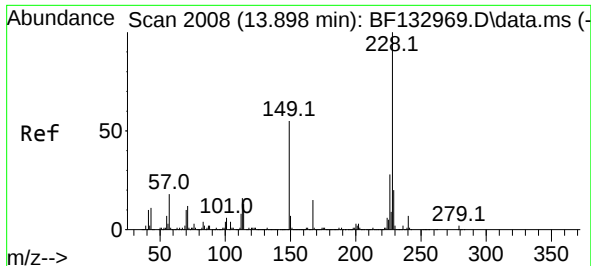
Ion Ratio Lower Upper

149 100

91 71.1 53.8 80.6

206 19.6 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.460 ng
RT: 13.892 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

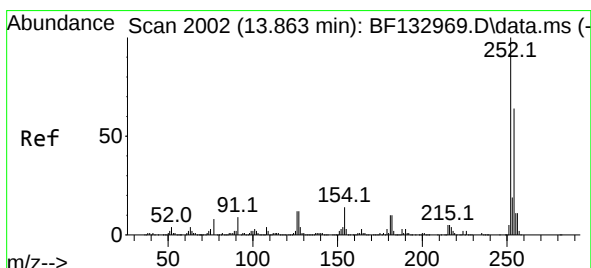
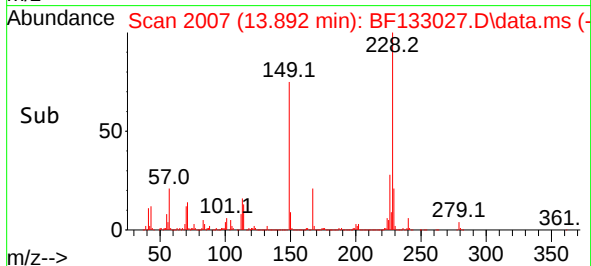
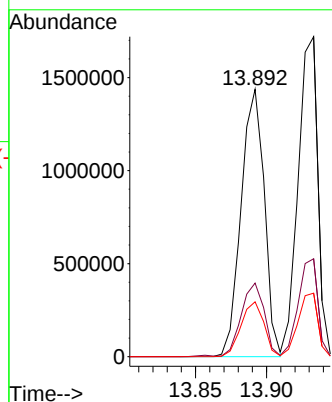
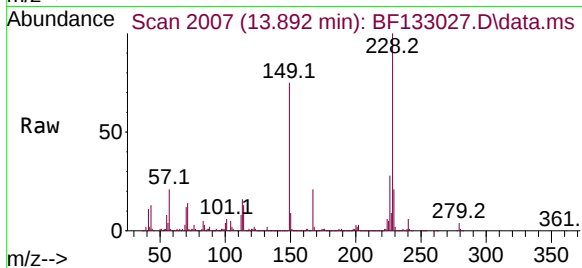
PB152211BS

Tgt Ion:228 Resp: 1631640
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.5 16.0 24.0

Manual Integrations

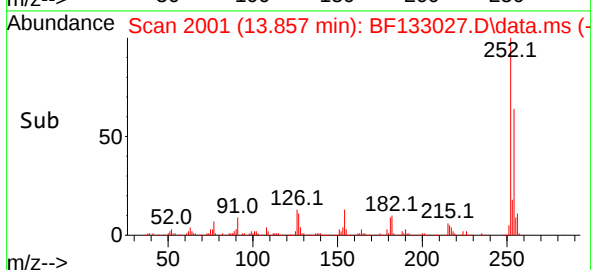
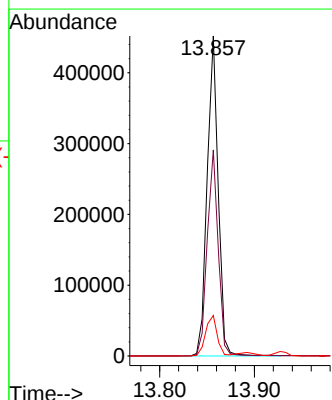
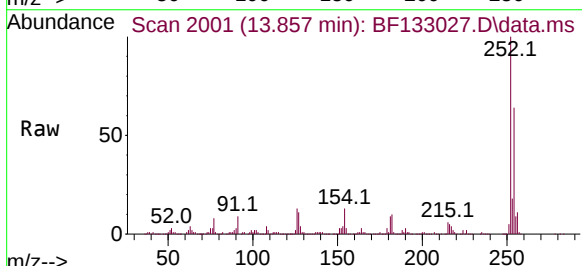
APPROVED

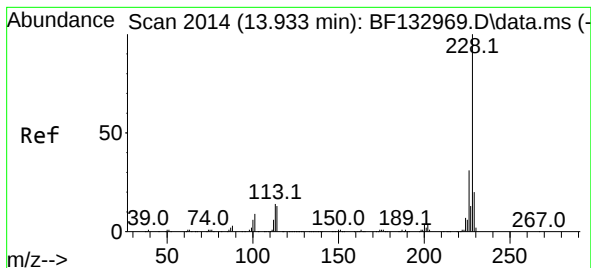
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.662 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:252 Resp: 363870
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 12.6 9.5 14.3





#83

Chrysene

Concen: 41.100 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:228 Resp: 1657070

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

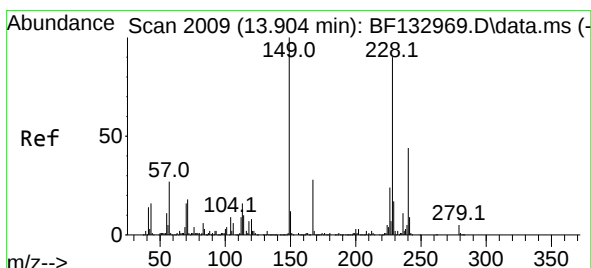
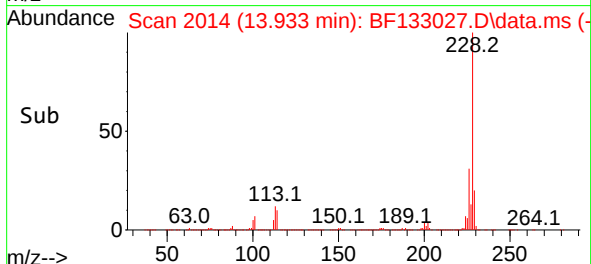
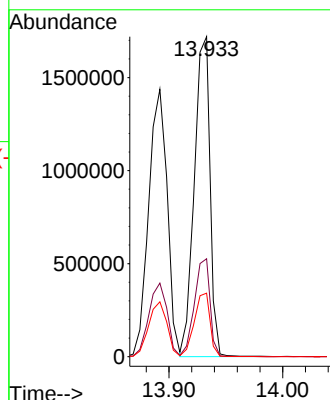
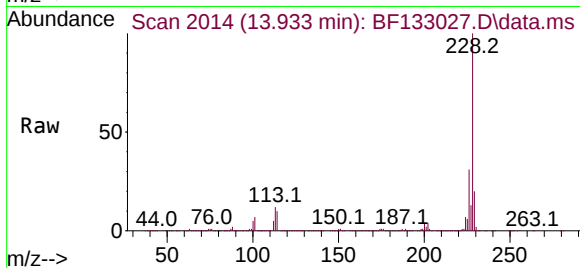
229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.405 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

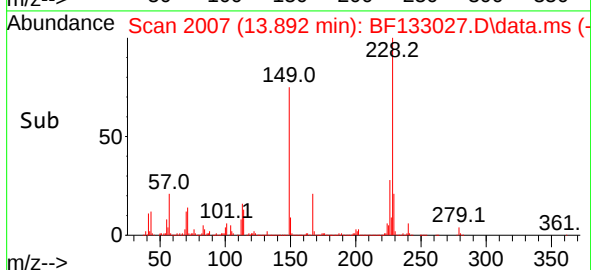
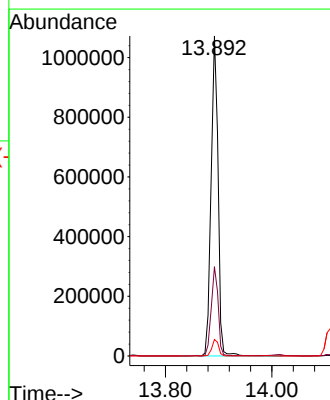
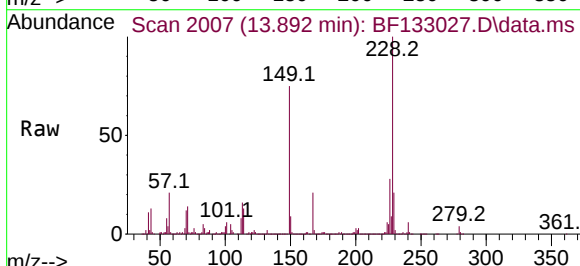
Tgt Ion:149 Resp: 969760

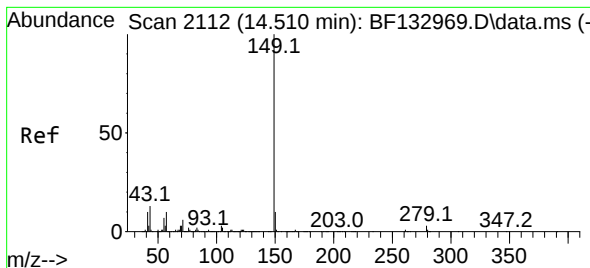
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 5.2 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.349 ng

RT: 14.504 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:149 Resp: 161564

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

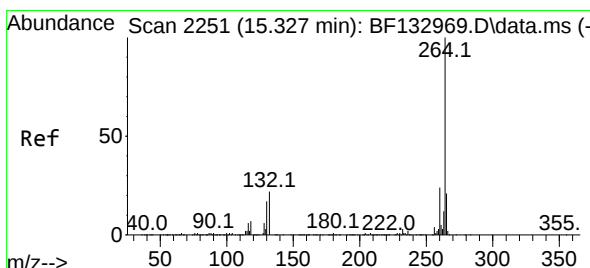
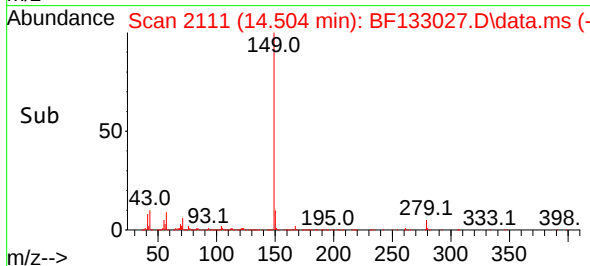
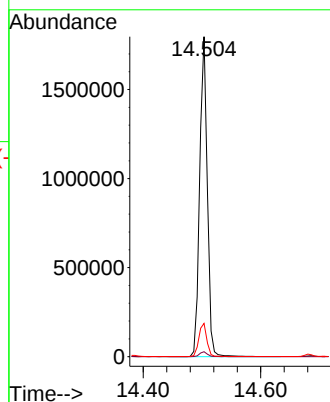
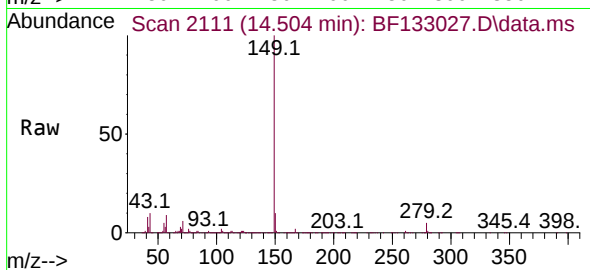
43 10.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

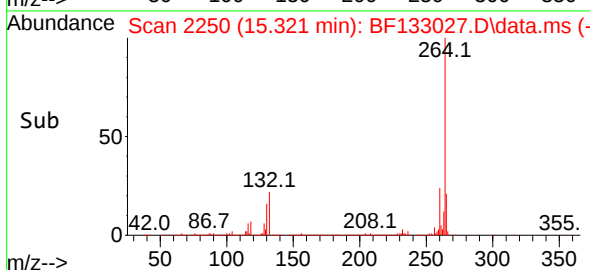
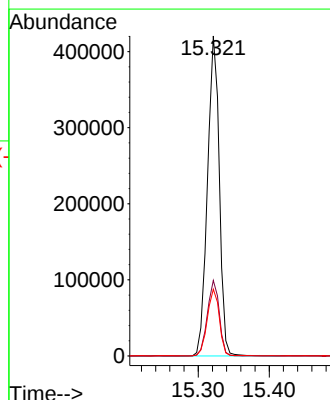
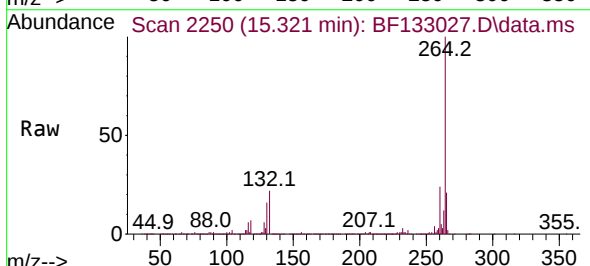
Tgt Ion:264 Resp: 487957

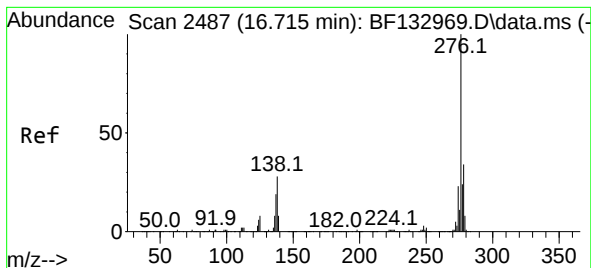
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.503 ng

RT: 16.709 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

Tgt Ion:276 Resp: 1401774

Ion Ratio Lower Upper

276 100

138 31.9 25.5 38.3

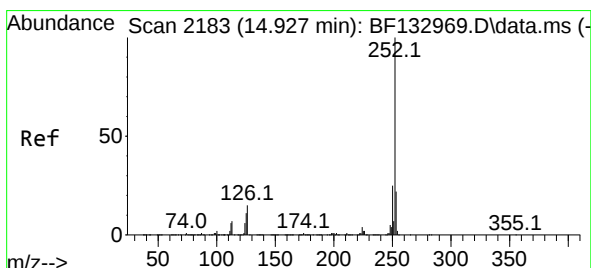
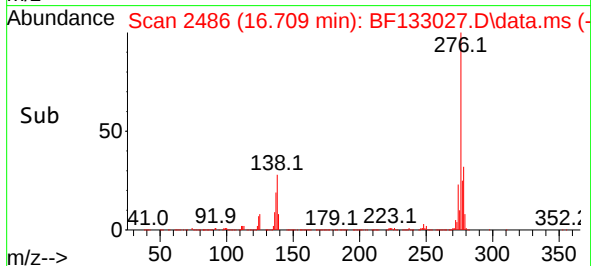
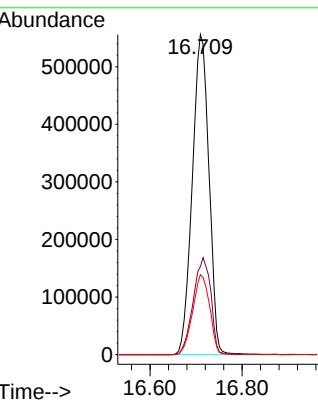
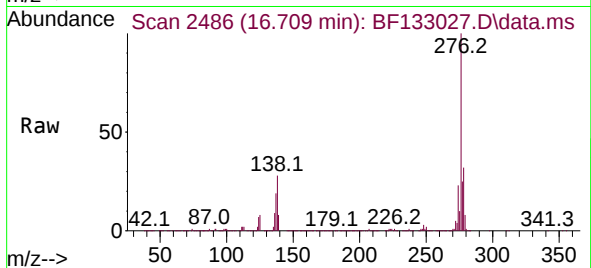
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#88

Benzo(b)fluoranthene

Concen: 46.886 ng

RT: 14.915 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF133027.D

Acq: 25 Apr 2023 12:36

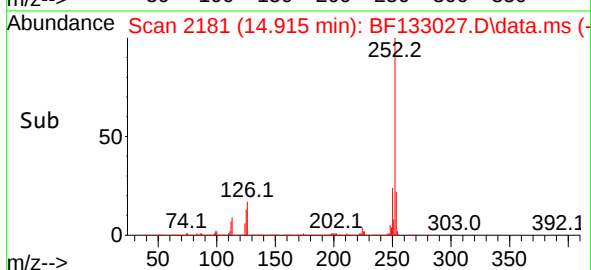
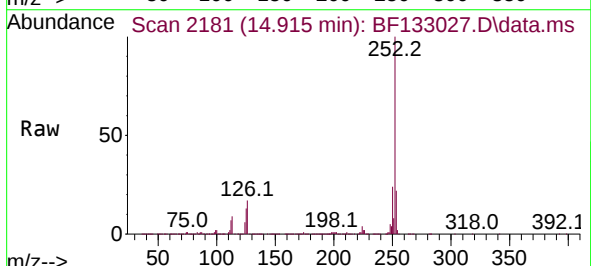
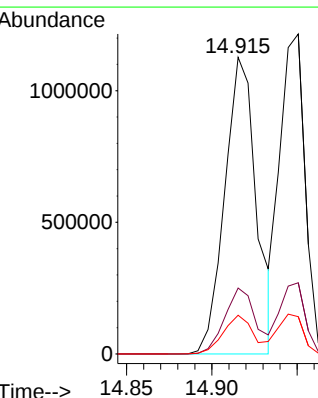
Tgt Ion:252 Resp: 1455485

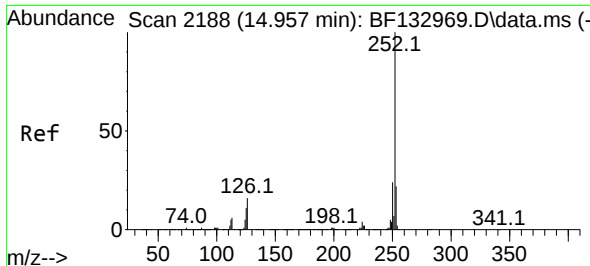
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

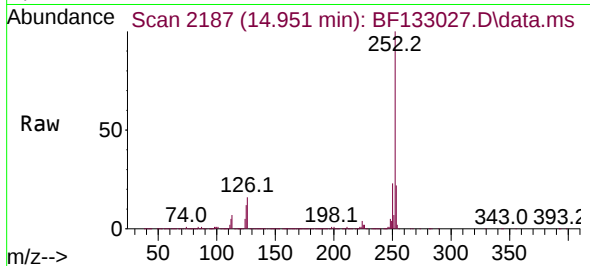
125 13.0 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 40.788 ng
RT: 14.951 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

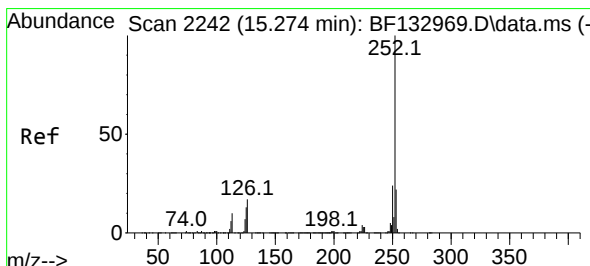
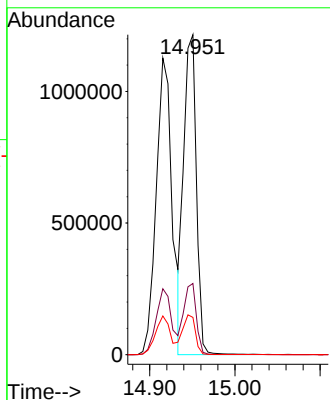
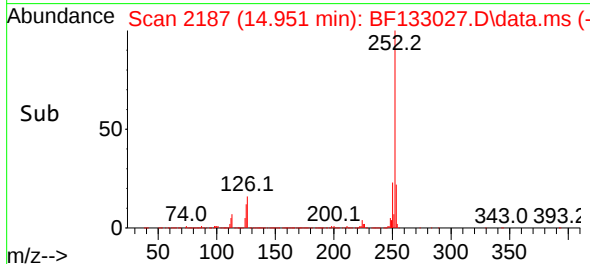
Instrument :
BNA_F
ClientSampleId :
PB152211BS



Tgt Ion:252 Resp: 125515
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.6 9.0 13.4

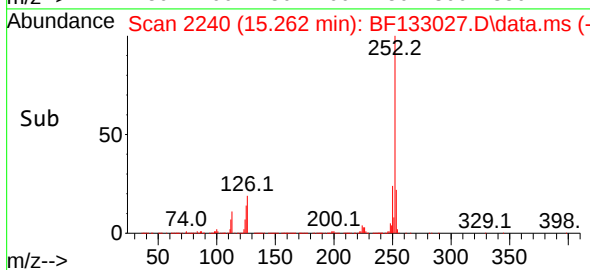
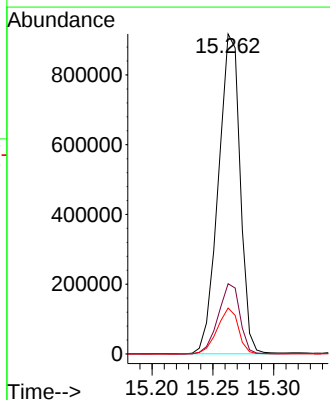
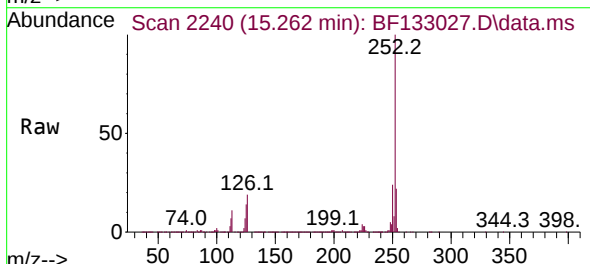
Manual Integrations
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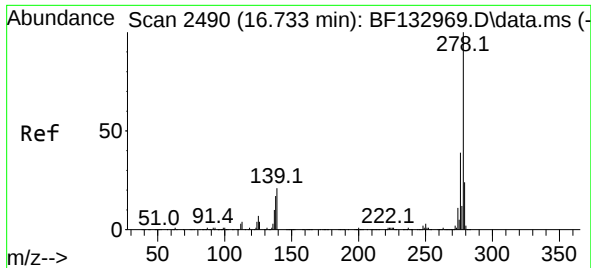
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#90
Benzo(a)pyrene
Concen: 40.523 ng
RT: 15.262 min Scan# 2240
Delta R.T. -0.012 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Tgt Ion:252 Resp: 1145018
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 14.4 10.5 15.7





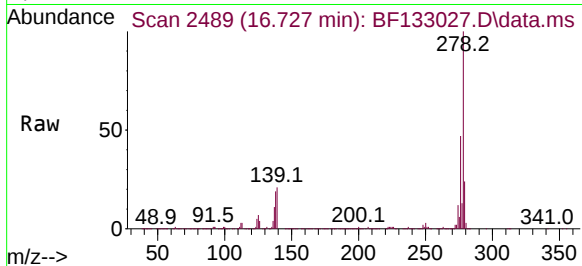
#91
Dibenzo(a,h)anthracene
Concen: 50.401 ng
RT: 16.727 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36

Instrument :

BNA_F

ClientSampleId :

PB152211BS

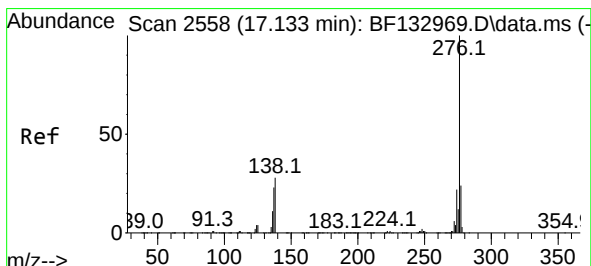
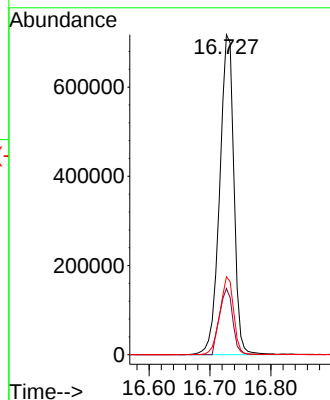
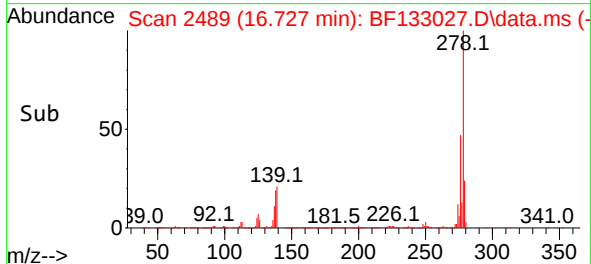


Tgt Ion:278 Resp: 1166780
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 24.3 18.8 28.2

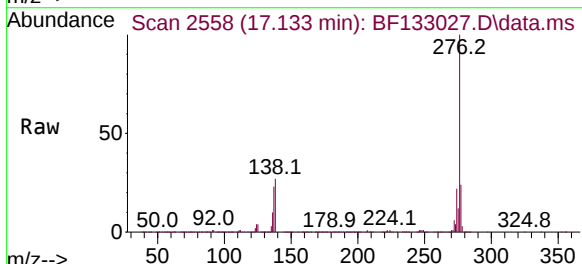
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#92
Benzo(g,h,i)perylene
Concen: 51.826 ng
RT: 17.133 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BF133027.D
Acq: 25 Apr 2023 12:36



Tgt Ion:276 Resp: 1184478
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 27.2 22.7 34.1

