

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133029.D
 Acq On : 25 Apr 2023 13:38
 Operator : CG\JU
 Sample : PB152297BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152297BSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 14:37:05 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	222984	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	922250	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	507832	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	908075	20.000	ng	0.00
76) Chrysene-d12	13.904	240	560042	20.000	ng	0.00
86) Perylene-d12	15.321	264	441841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1885351	127.724	ng	0.02
7) Phenol-d6	6.392	99	2278696	124.371	ng	0.00
23) Nitrobenzene-d5	7.316	82	1406251	82.304	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	675380	132.240	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2438177	80.323	ng	0.00
79) Terphenyl-d14	12.857	244	2922270	89.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	245749	35.893	ng	98
3) Pyridine	3.187	79	653113	35.915	ng	99
4) n-Nitrosodimethylamine	3.151	42	386160	40.997	ng	99
6) Aniline	6.410	93	858249	36.370	ng	# 44
8) 2-Chlorophenol	6.534	128	703852	46.963	ng	96
9) Benzaldehyde	6.292	77	390197	50.444	ng	97
10) Phenol	6.410	94	832920	41.209	ng	# 67
11) bis(2-Chloroethyl)ether	6.481	93	682831	45.020	ng	99
12) 1,3-Dichlorobenzene	6.686	146	736587	46.226	ng	99
13) 1,4-Dichlorobenzene	6.763	146	741736	46.446	ng	99
14) 1,2-Dichlorobenzene	6.916	146	708247	48.105	ng	97
15) Benzyl Alcohol	6.892	79	558514	44.130	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1113108	42.253	ng	96
17) 2-Methylphenol	7.010	107	590983	43.063	ng	97
18) Hexachloroethane	7.257	117	249295	44.901	ng	92
19) n-Nitroso-di-n-propyla...	7.169	70	461310	40.444	ng	99
20) 3+4-Methylphenols	7.163	107	674215	41.716	ng	98
22) Acetophenone	7.157	105	939283	43.967	ng	# 97
24) Nitrobenzene	7.333	77	693086	40.031	ng	98
25) Isophorone	7.575	82	1324846	40.839	ng	100
26) 2-Nitrophenol	7.645	139	391404	46.870	ng	99
27) 2,4-Dimethylphenol	7.692	122	621066	43.372	ng	99
28) bis(2-Chloroethoxy)met...	7.786	93	786805	40.998	ng	99
29) 2,4-Dichlorophenol	7.892	162	569584	43.694	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	589665	43.663	ng	99
31) Naphthalene	8.057	128	1925863	41.767	ng	99
32) Benzoic acid	7.833	122	474485	53.644	ng	96
33) 4-Chloroaniline	8.104	127	415616	22.309	ng	97
34) Hexachlorobutadiene	8.175	225	328350	43.868	ng	99
35) Caprolactam	8.480	113	214499m	48.982	ng	
36) 4-Chloro-3-methylphenol	8.592	107	653642	46.498	ng	96
37) 2-Methylnaphthalene	8.745	142	1313084	41.653	ng	99
38) 1-Methylnaphthalene	8.845	142	1235036	41.880	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	549545	40.247	ng	99
41) Hexachlorocyclopentadiene	8.904	237	741154	93.073	ng	97
43) 2,4,6-Trichlorophenol	9.022	196	405684	42.962	ng	99

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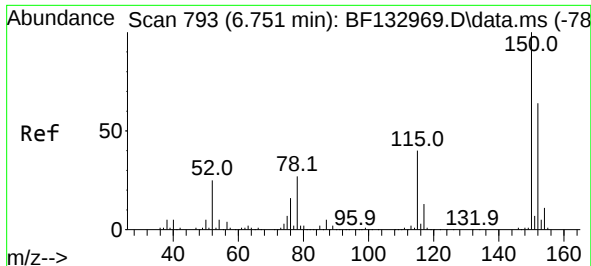
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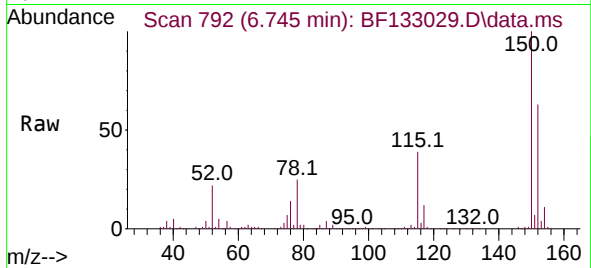
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	439192	40.216	ng	99
46) 1,1'-Biphenyl	9.210	154	1620972	40.254	ng	100
47) 2-Chloronaphthalene	9.233	162	1218163	41.330	ng	100
48) 2-Nitroaniline	9.327	65	407880	41.872	ng	97
49) Acenaphthylene	9.645	152	1899090	40.325	ng	99
50) Dimethylphthalate	9.516	163	1490937	42.105	ng	99
51) 2,6-Dinitrotoluene	9.569	165	354810	44.519	ng	98
52) Acenaphthene	9.822	154	1420532m	45.036	ng	
53) 3-Nitroaniline	9.739	138	298513	31.501	ng	100
54) 2,4-Dinitrophenol	9.845	184	434917	108.565	ng	96
55) Dibenzofuran	9.992	168	1722672	40.038	ng	100
56) 4-Nitrophenol	9.910	139	673231	91.725	ng	90
57) 2,4-Dinitrotoluene	9.974	165	467682	46.014	ng	93
58) Fluorene	10.333	166	1274829	40.441	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	379985	44.881	ng	98
60) Diethylphthalate	10.216	149	1420058	42.457	ng	98
61) 4-Chlorophenyl-phenyle...	10.327	204	616998	40.165	ng	99
62) 4-Nitroaniline	10.363	138	406528	46.675	ng	95
63) Azobenzene	10.486	77	1427690	40.294	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	278071	50.521	ng	95
66) n-Nitrosodiphenylamine	10.445	169	1206500	40.960	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	411825	41.816	ng	99
68) Hexachlorobenzene	10.880	284	461012	45.682	ng	99
69) Atrazine	10.974	200	417857	49.232	ng	98
70) Pentachlorophenol	11.074	266	562539	78.269	ng	98
71) Phenanthrene	11.292	178	1990151	40.776	ng	99
72) Anthracene	11.345	178	2019303	40.428	ng	100
73) Carbazole	11.498	167	1865245	41.939	ng	99
74) Di-n-butylphthalate	11.833	149	2213465	43.978	ng	99
75) Fluoranthene	12.474	202	2037571	41.598	ng	99
77) Benzidine	12.598	184	971354	102.565	ng	# 93
78) Pyrene	12.704	202	2117760	44.112	ng	99
80) Butylbenzylphthalate	13.327	149	901130	53.012	ng	94
81) Benzo(a)anthracene	13.892	228	1632818	42.397	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	428313	40.258	ng	99
83) Chrysene	13.933	228	1634405	42.449	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	964663	45.212	ng	100
85) Di-n-octyl phthalate	14.504	149	1556076	44.728	ng	98
87) Indeno(1,2,3-cd)pyrene	16.709	276	1356989	53.993	ng	99
88) Benzo(b)fluoranthene	14.915	252	1406515	50.037	ng	98
89) Benzo(k)fluoranthene	14.945	252	1207906	43.349	ng	98
90) Benzo(a)pyrene	15.262	252	1092481	42.699	ng	98
91) Dibenzo(a,h)anthracene	16.727	278	1149110	54.819	ng	99
92) Benzo(g,h,i)perylene	17.127	276	1147583	55.453	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# 793
 Delta R.T. -0.006 min
 Lab File: BF133029.D
 Acq: 25 Apr 2023 13:38

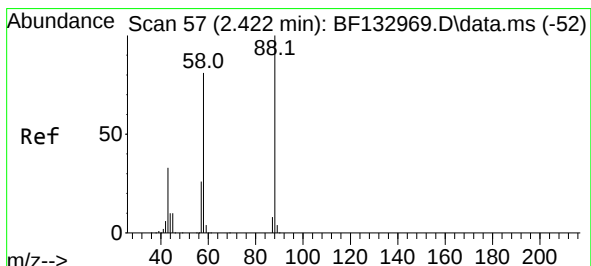
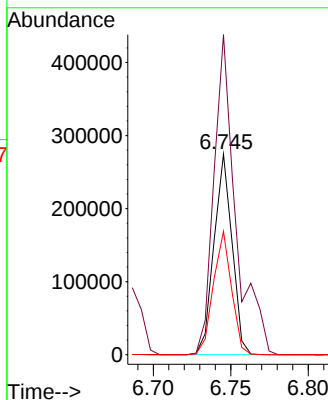
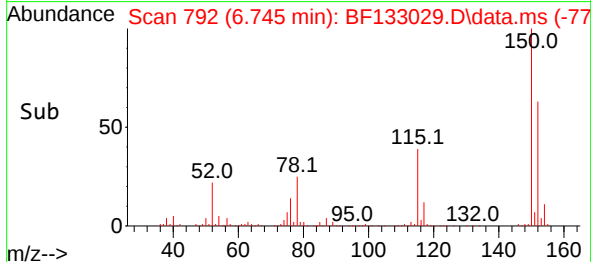
Instrument :
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 ClientSampleId :
 PB152297BSD



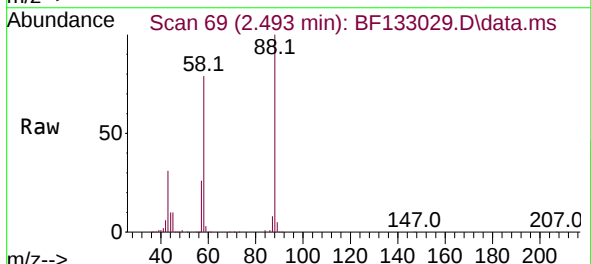
Tgt Ion: 152 Resp: 222984
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.8 187.2
 115 61.5 49.9 74.9

Manual Integrations
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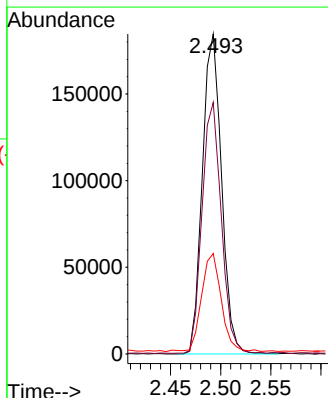
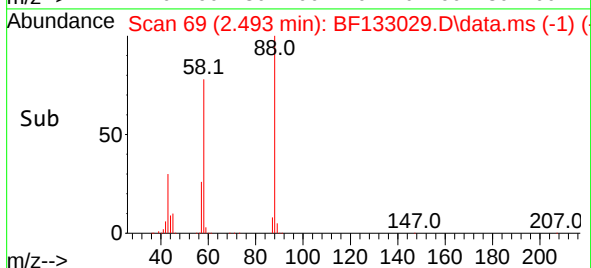
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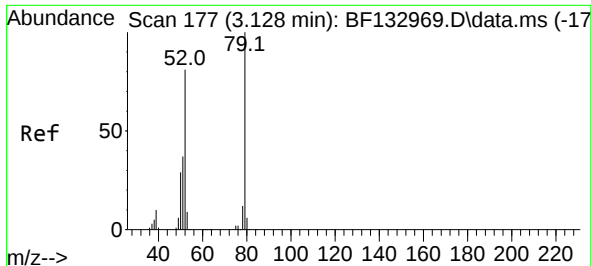


#2
 1,4-Dioxane
 Concen: 35.893 ng
 RT: 2.493 min Scan# 69
 Delta R.T. 0.070 min
 Lab File: BF133029.D
 Acq: 25 Apr 2023 13:38



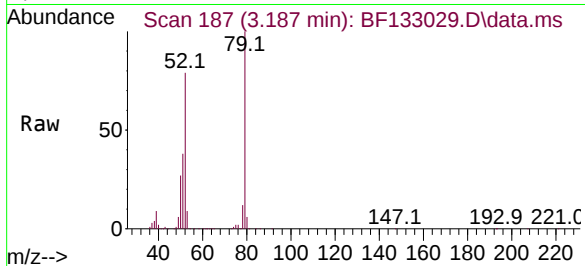
Tgt Ion: 88 Resp: 245749
 Ion Ratio Lower Upper
 88 100
 58 78.6 64.7 97.1
 43 31.6 26.2 39.2





#3
Pyridine
Concen: 35.915 ng
RT: 3.187 min Scan# 181
Delta R.T. 0.059 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

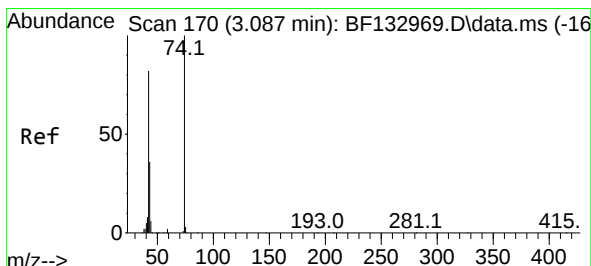
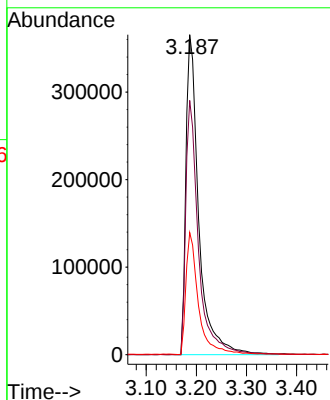
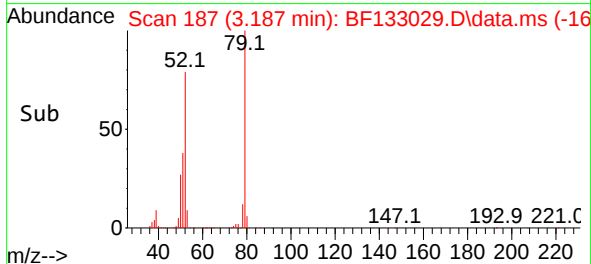
Instrument :
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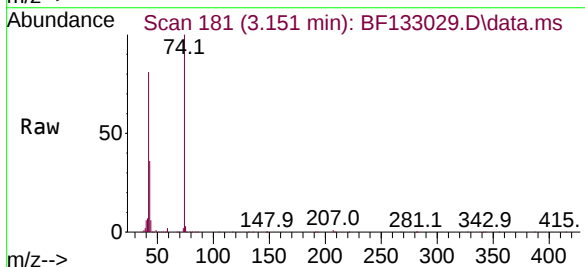
Tgt Ion: 79 Resp: 65311
Ion Ratio Lower Upper
79 100
52 79.4 64.6 96.8
51 38.1 30.0 45.0

Manual Integrations
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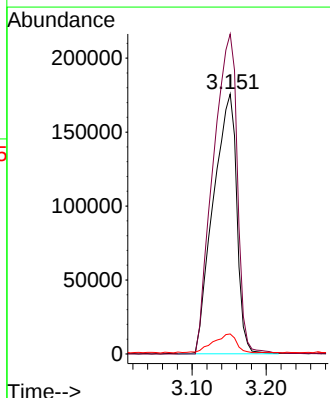
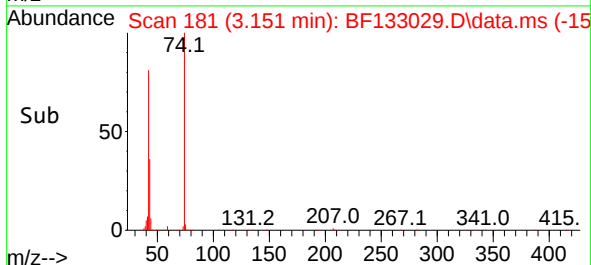
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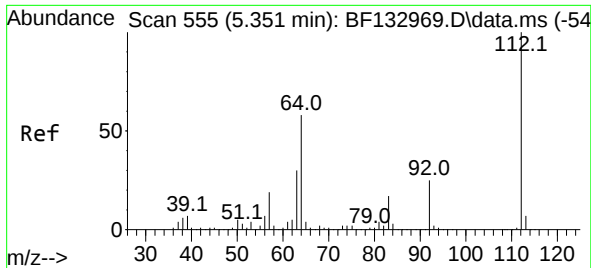


#4
n-Nitrosodimethylamine
Concen: 40.997 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.065 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



Tgt Ion: 42 Resp: 386160
Ion Ratio Lower Upper
42 100
74 123.1 98.0 147.0
44 7.7 5.8 8.8





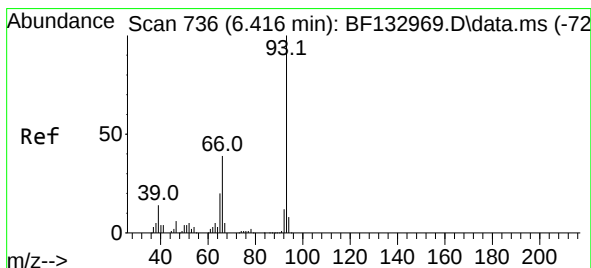
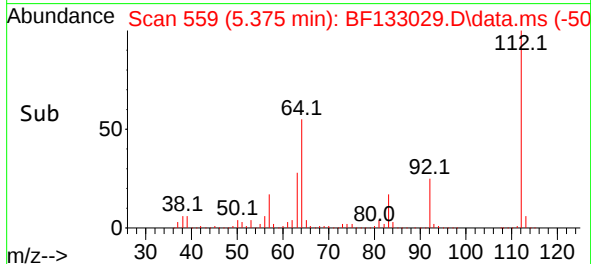
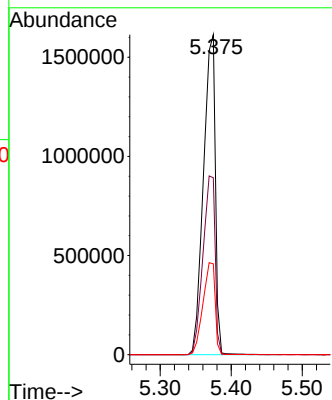
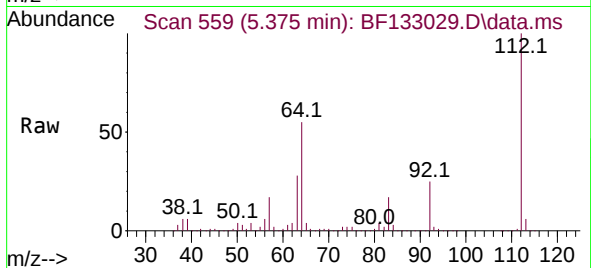
#5
2-Fluorophenol
Concen: 127.724 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 188535
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.4 23.8 35.8

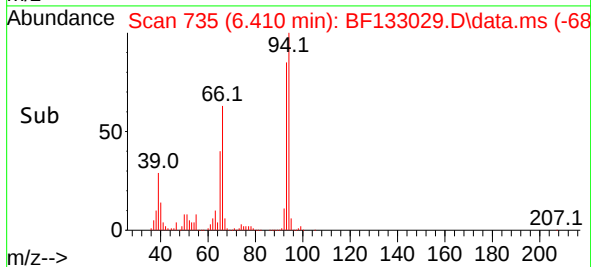
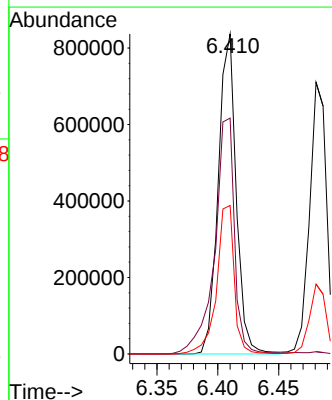
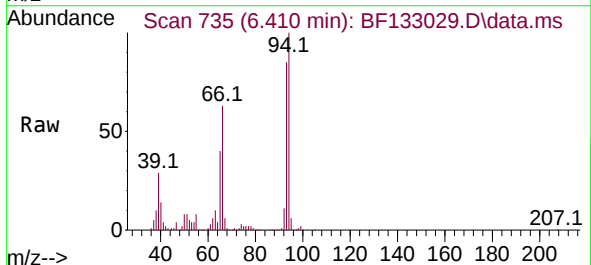
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#6
Aniline
Concen: 36.370 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

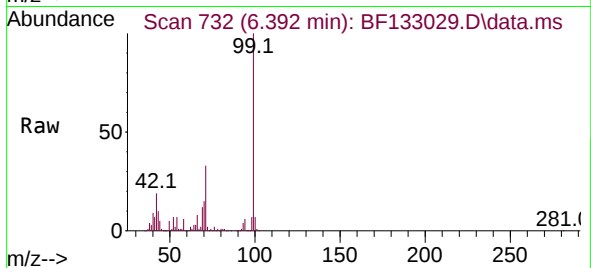
Tgt Ion: 93 Resp: 858249
Ion Ratio Lower Upper
93 100
66 73.7 31.5 47.3#
65 46.4 16.4 24.6#





#7
Phenol-d6
Concen: 124.371 ng
RT: 6.392 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

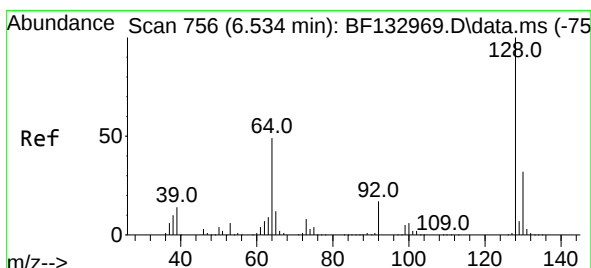
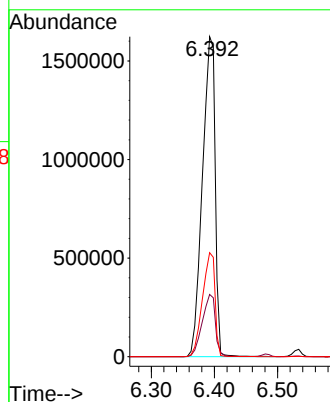
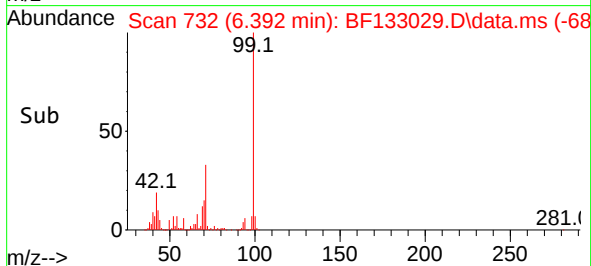
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Tgt Ion: 99 Resp: 2278690
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 32.5 25.6 38.4

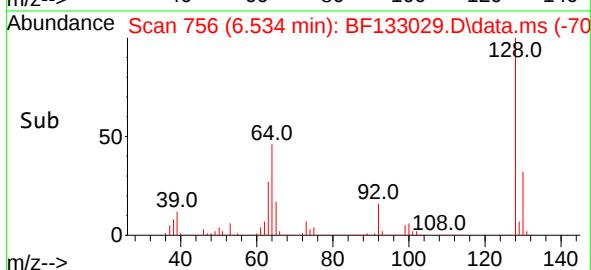
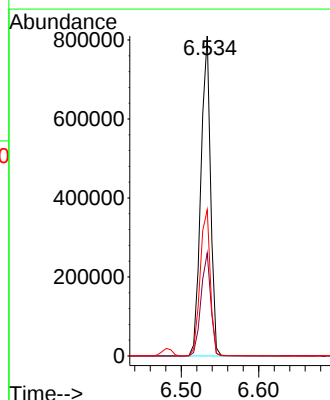
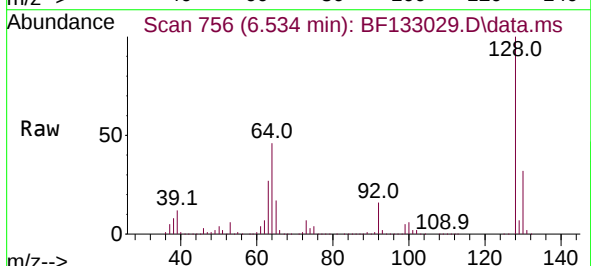
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#8
2-Chlorophenol
Concen: 46.963 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

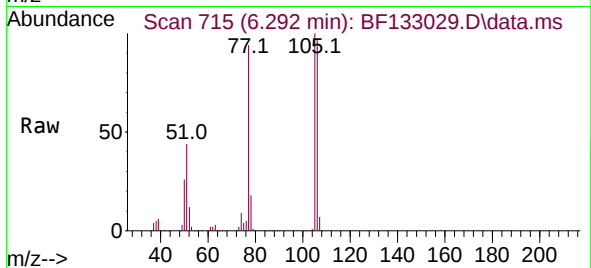
Tgt Ion:128 Resp: 703852
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 45.7 30.3 70.3





#9
Benzaldehyde
Concen: 50.444 ng
RT: 6.292 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

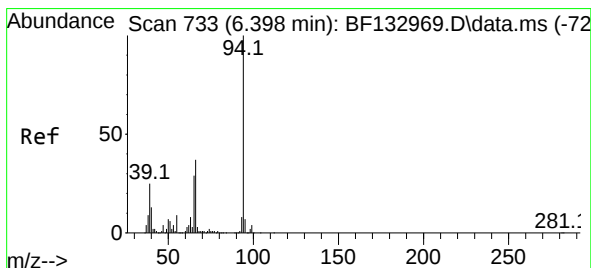
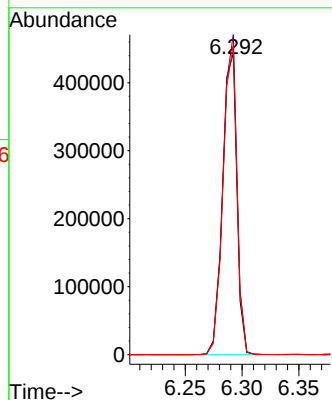
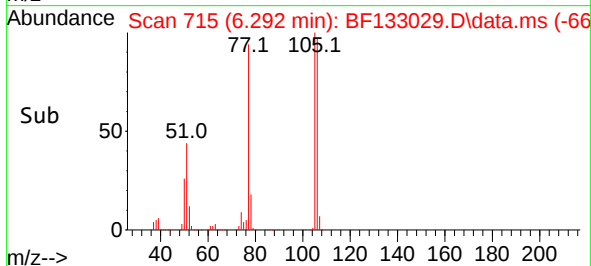
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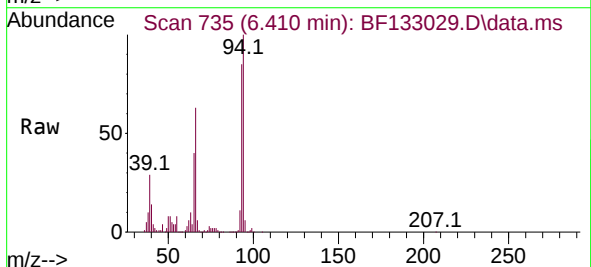
Tgt Ion: 77 Resp: 39019
Ion Ratio Lower Upper
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105 106.1 82.3 122.3
106 102.8 80.8 120.8

Manual Integrations
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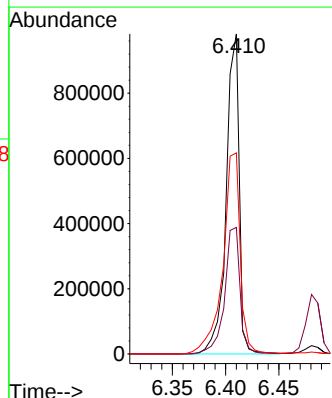
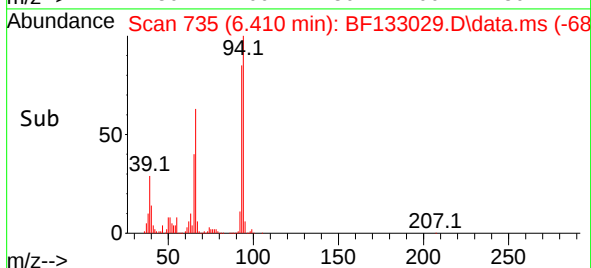
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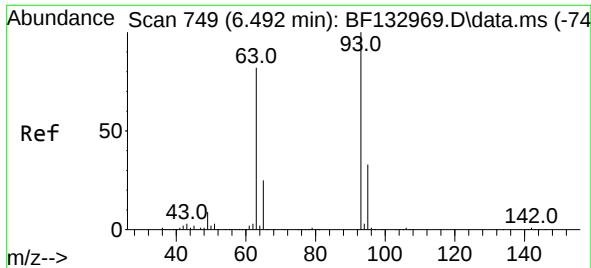


#10
Phenol
Concen: 41.209 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



Tgt Ion: 94 Resp: 832920
Ion Ratio Lower Upper
94 100
65 39.5 8.6 48.6
66 62.8 17.3 57.3#





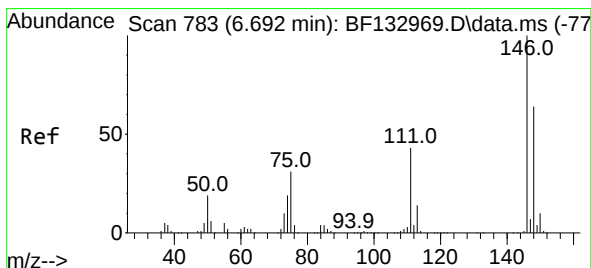
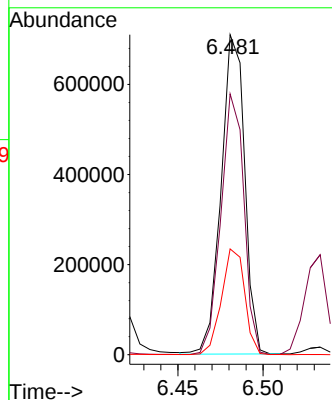
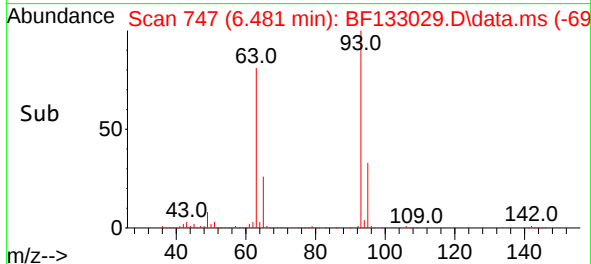
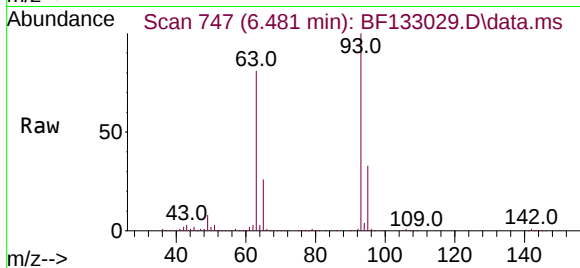
#11
bis(2-Chloroethyl)ether
Concen: 45.020 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion: 93 Resp: 68283
Ion Ratio Lower Upper
93 100
63 81.5 60.6 100.6
95 33.0 12.9 52.9

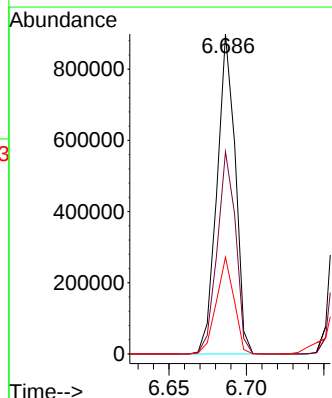
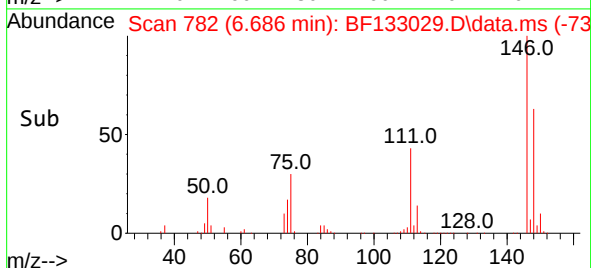
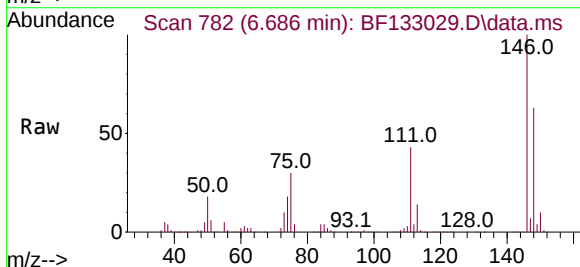
Manual Integrations
APPROVED

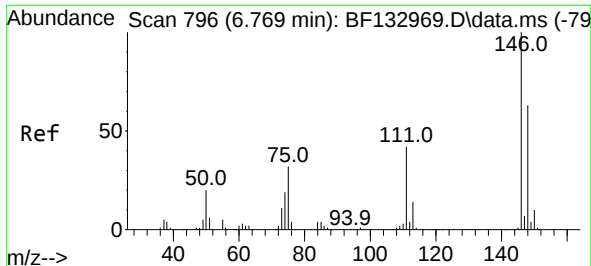
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 46.226 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:146 Resp: 736587
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 30.2 24.8 37.2





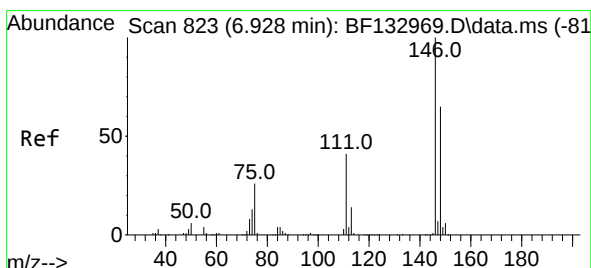
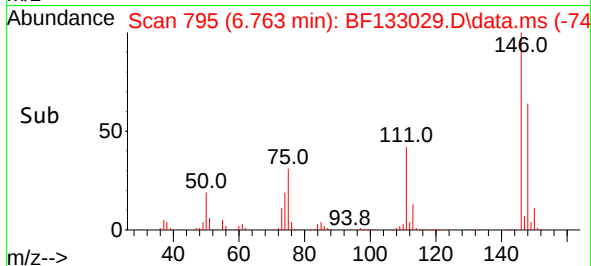
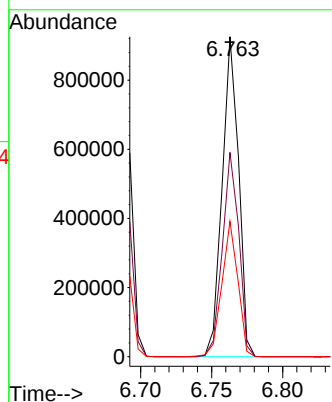
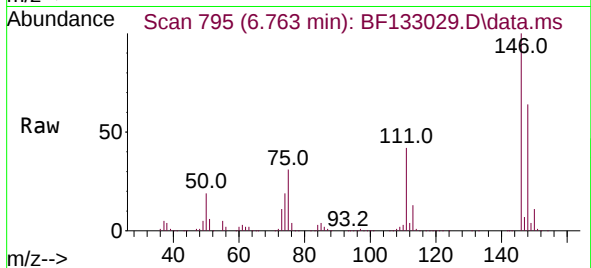
#13
1,4-Dichlorobenzene
Concen: 46.446 ng
RT: 6.763 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion:146 Resp: 741730
Ion Ratio Lower Upper
146 100
148 63.8 50.3 75.5
111 42.3 33.8 50.6

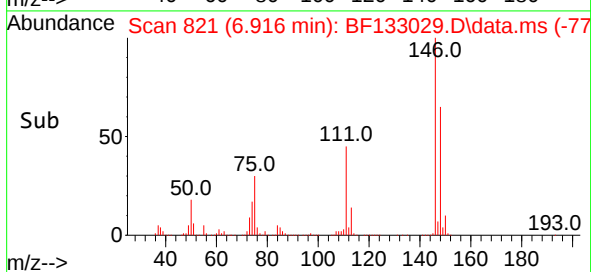
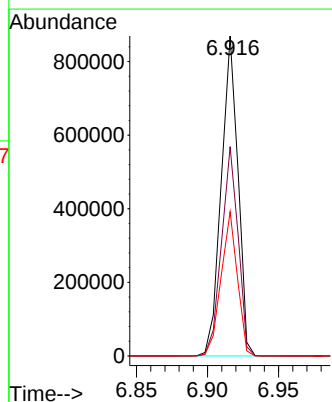
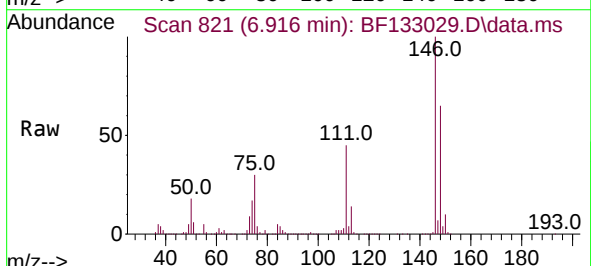
Manual Integrations
APPROVED

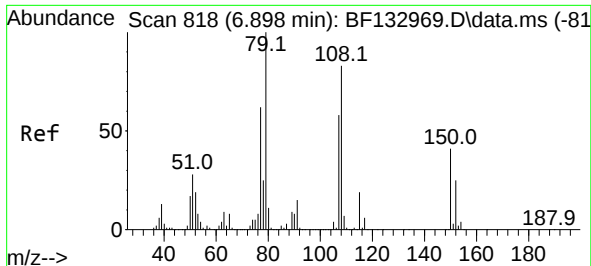
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#14
1,2-Dichlorobenzene
Concen: 48.105 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

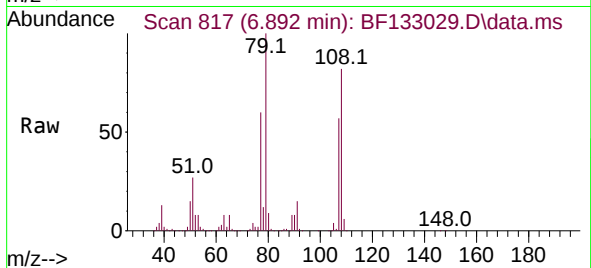
Tgt Ion:146 Resp: 708247
Ion Ratio Lower Upper
146 100
148 65.4 52.2 78.2
111 45.1 32.8 49.2





#15
Benzyl Alcohol
Concen: 44.130 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

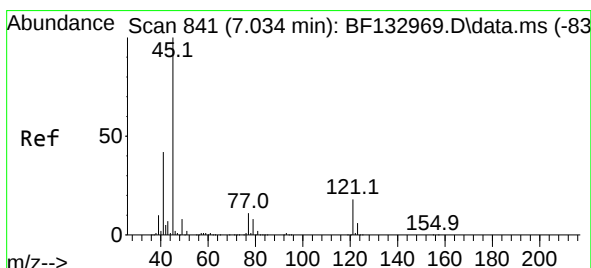
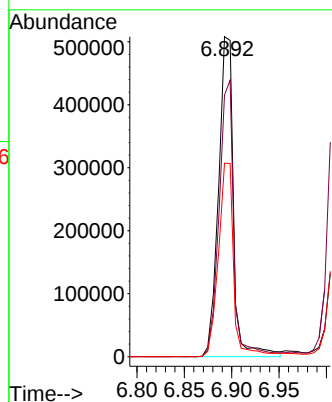
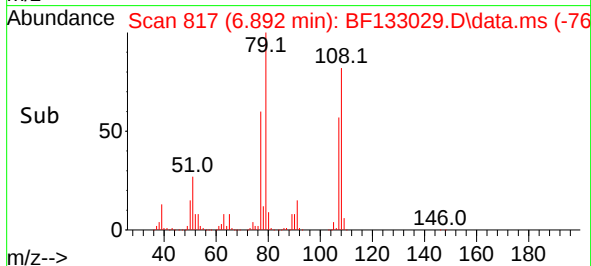
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion: 79 Resp: 558514
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 60.4 49.2 73.8

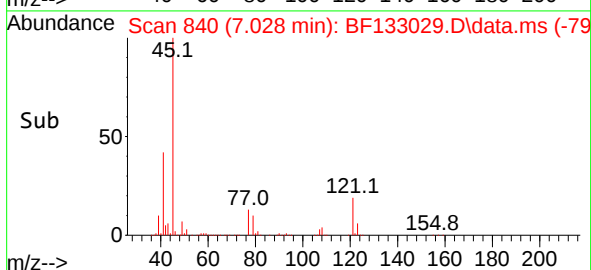
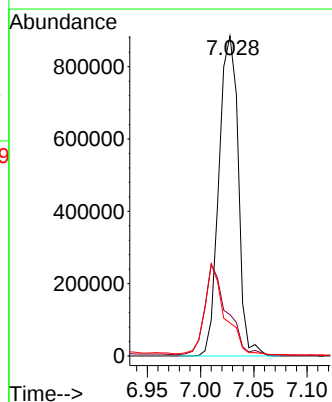
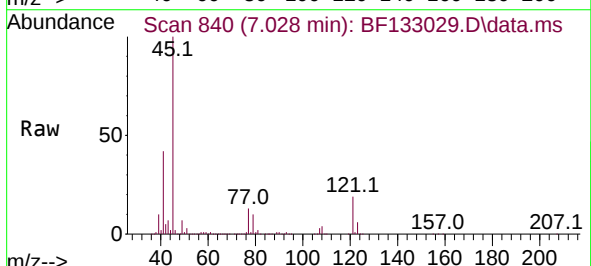
Manual Integrations
APPROVED

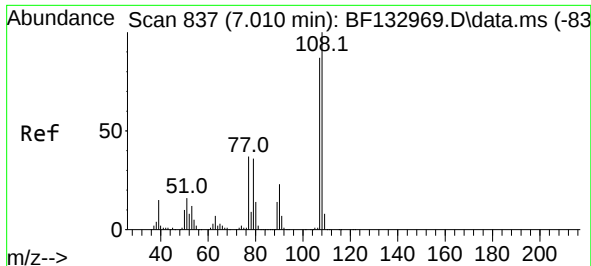
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.253 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

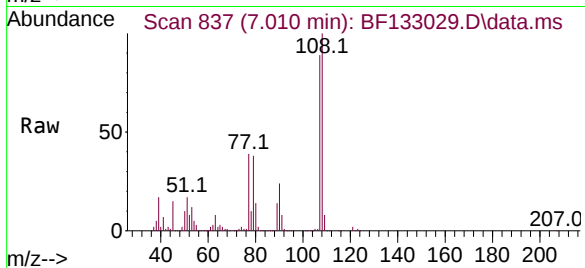
Tgt Ion: 45 Resp: 1113108
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 10.3 0.0 28.7





#17
2-Methylphenol
Concen: 43.063 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

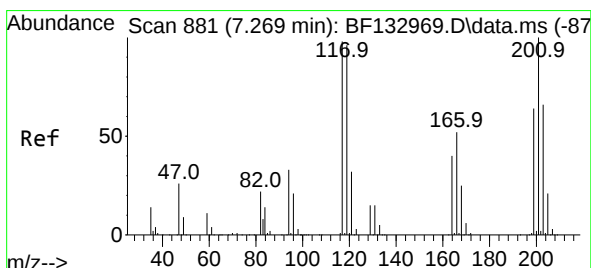
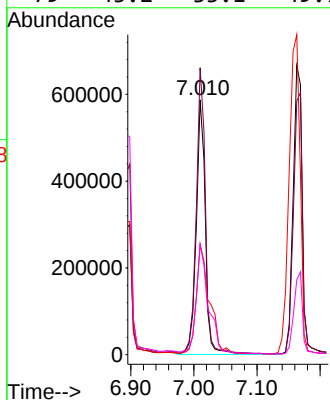
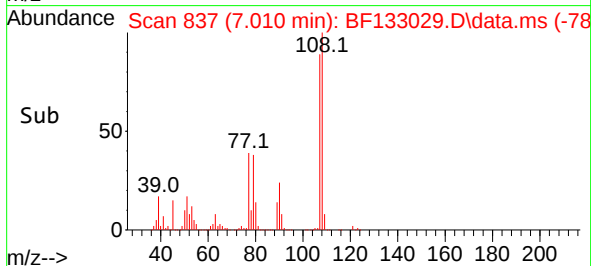
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:	107	Resp:	59098
Ion Ratio	Lower	Upper	
107	100		
108	112.6	92.4	138.6
77	43.4	33.8	50.8
79	43.2	33.1	49.7

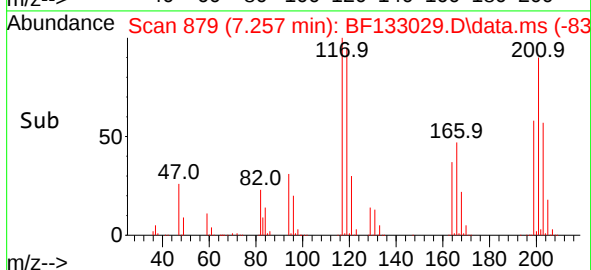
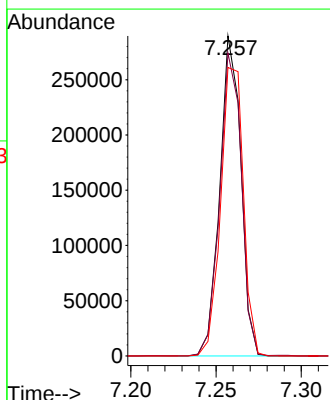
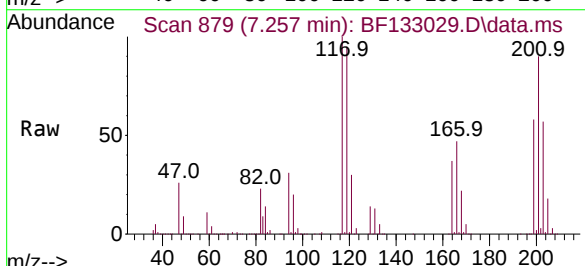
Manual Integrations
APPROVED

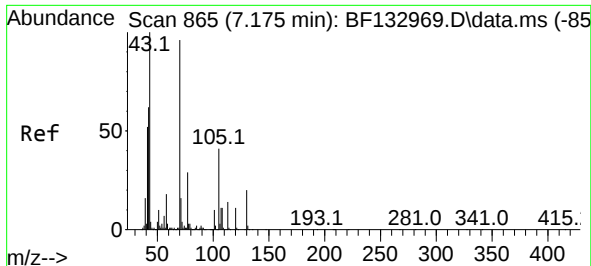
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#18
Hexachloroethane
Concen: 44.901 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:	117	Resp:	249295
Ion Ratio	Lower	Upper	
117	100		
119	94.7	78.2	117.4
201	90.1	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.444 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF133029.D

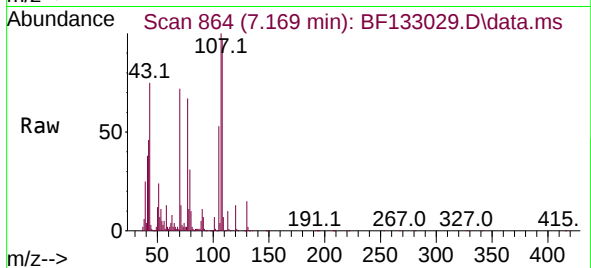
Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD



Tgt Ion: 70 Resp: 461310

Ion Ratio Lower Upper

70 100

42 64.1 51.8 77.6

101 9.8 8.0 12.0

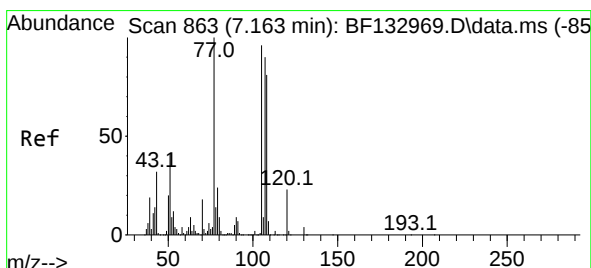
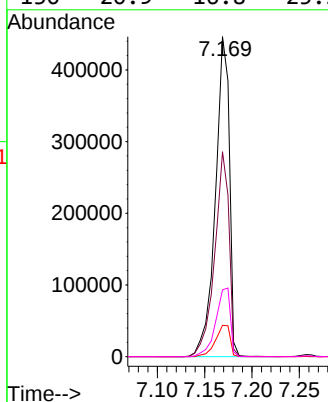
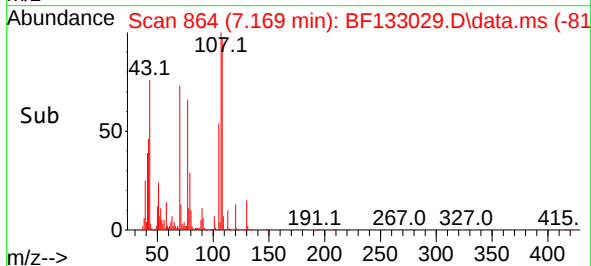
130 20.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#20

3+4-Methylphenols

Concen: 41.716 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Tgt Ion:107 Resp: 674215

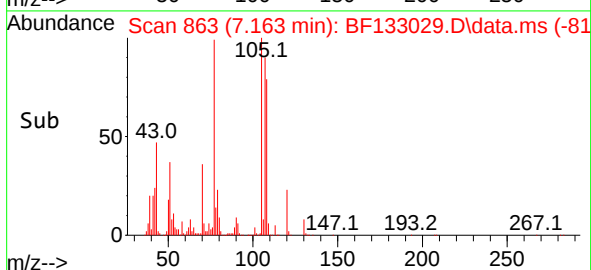
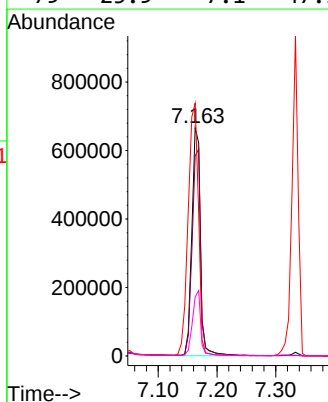
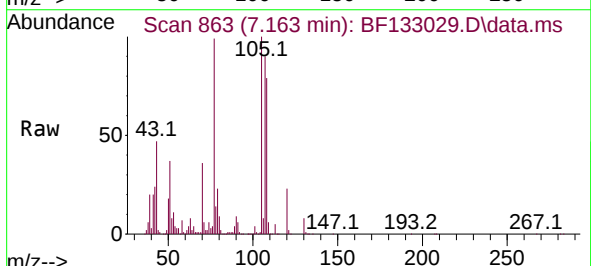
Ion Ratio Lower Upper

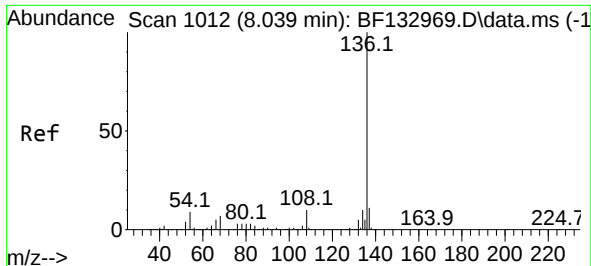
107 100

108 87.7 70.5 110.5

77 110.7 91.7 131.7

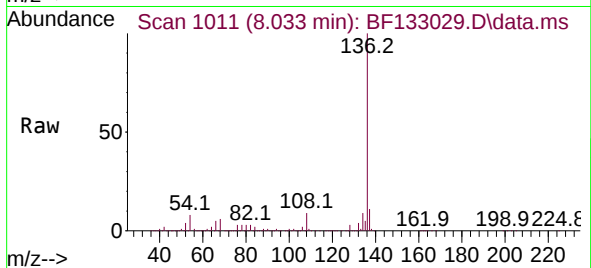
79 25.9 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

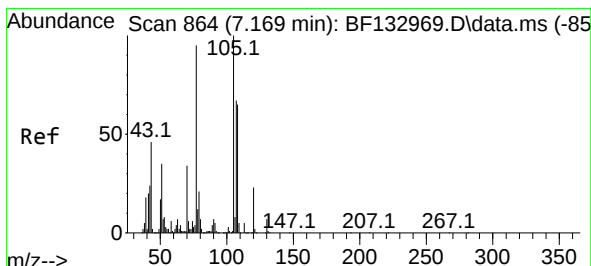
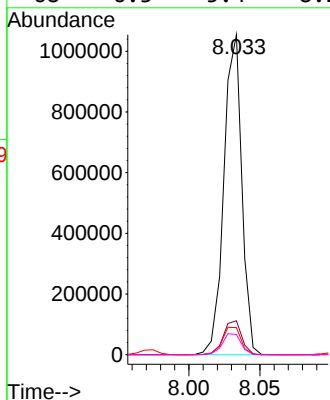
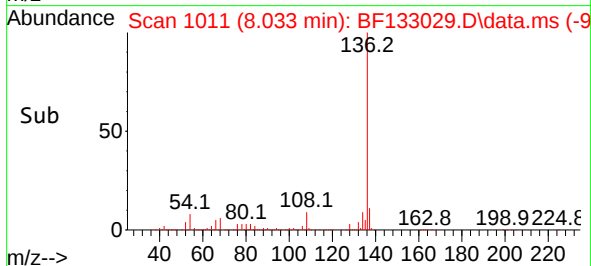
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:136 Resp: 922250
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.0 10.4
68 6.3 5.4 8.2

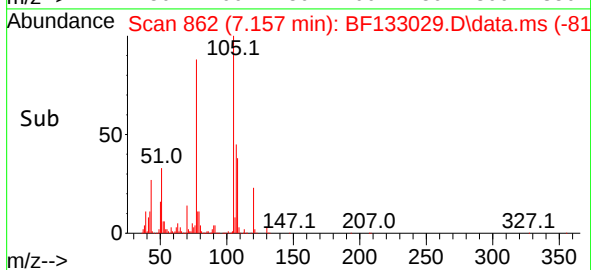
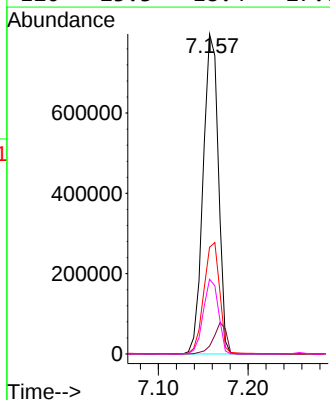
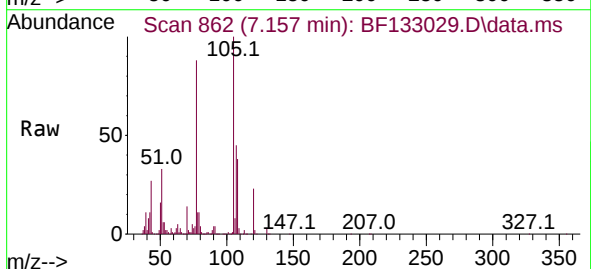
Manual Integrations
APPROVED

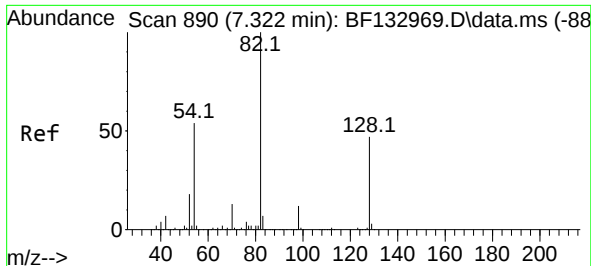
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 43.967 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:105 Resp: 939283
Ion Ratio Lower Upper
105 100
71 2.4 4.6 7.0#
51 33.4 28.2 42.2
120 23.3 18.4 27.6





#23
Nitrobenzene-d5
Concen: 82.304 ng
RT: 7.316 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

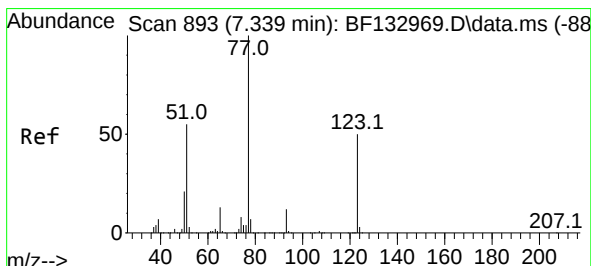
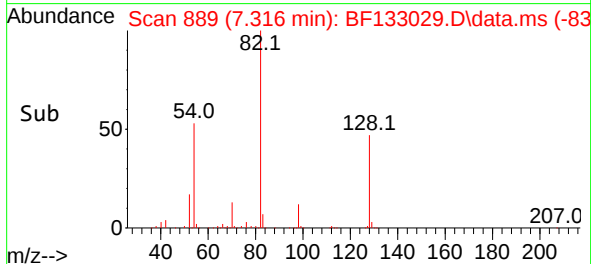
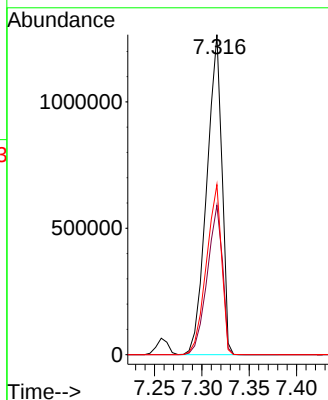
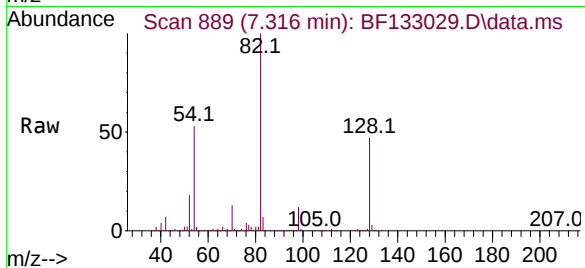
ClientSampleId :

PB152297BSD

Tgt Ion: 82 Resp: 140625
Ion Ratio Lower Upper
82 100
128 46.7 37.7 56.5
54 53.2 43.0 64.4

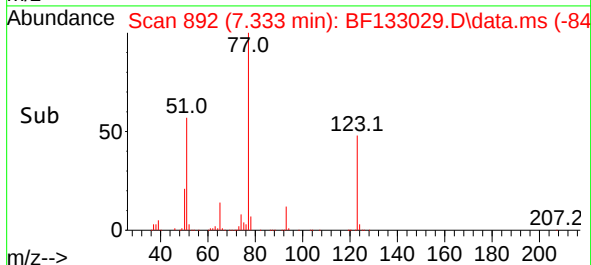
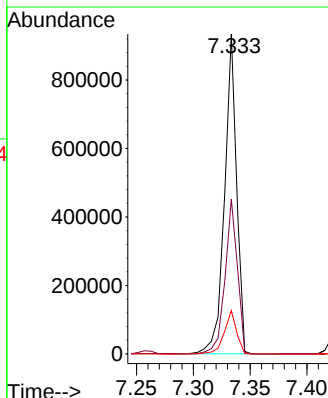
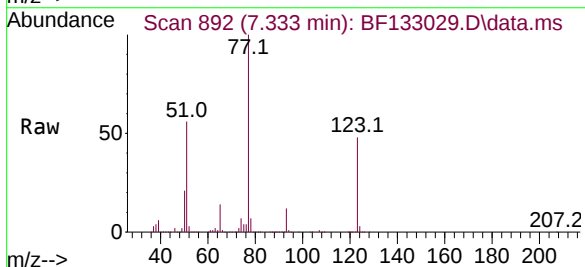
Manual Integrations
APPROVED

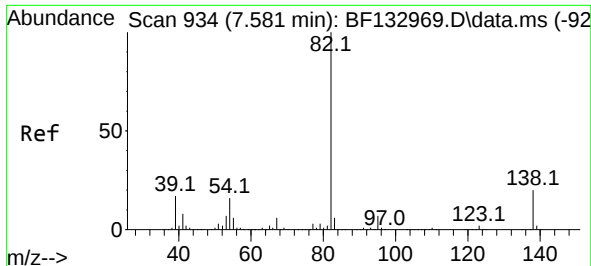
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 40.031 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion: 77 Resp: 693086
Ion Ratio Lower Upper
77 100
123 48.4 39.9 59.9
65 13.5 10.7 16.1





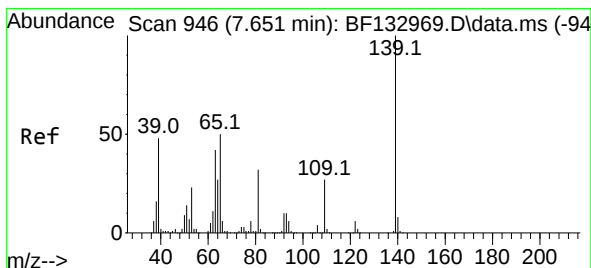
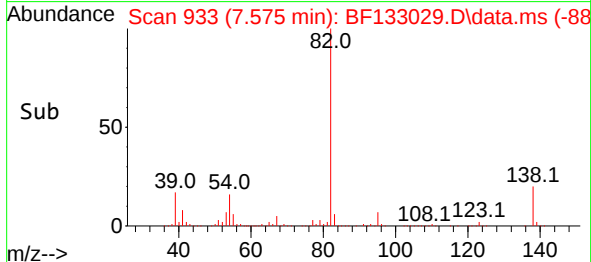
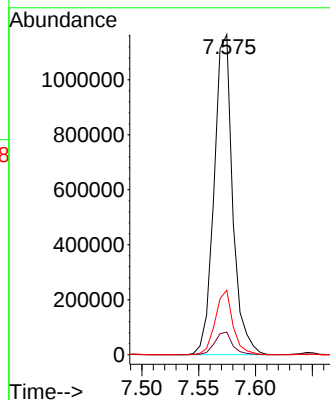
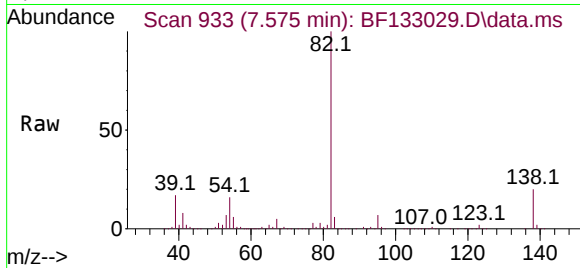
#25
Isophorone
Concen: 40.839 ng
RT: 7.575 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion: 82 Resp: 132484
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.1 16.0 24.0

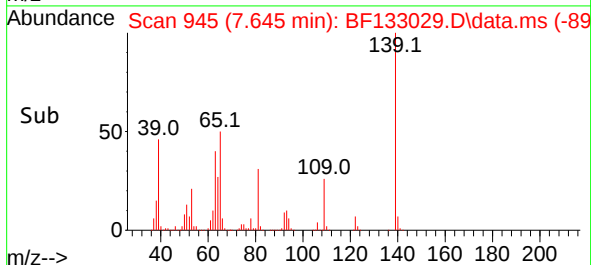
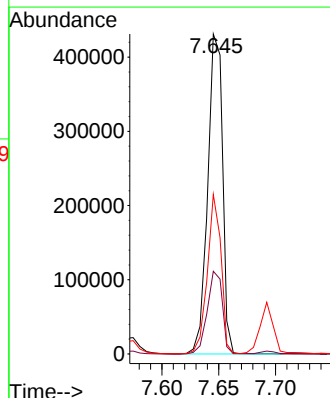
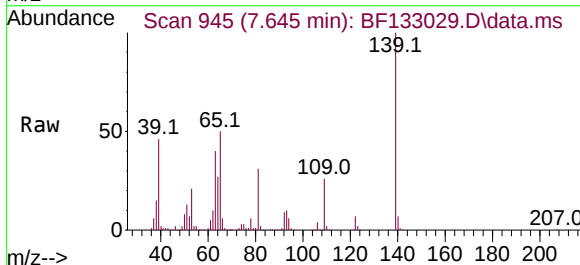
Manual Integrations
APPROVED

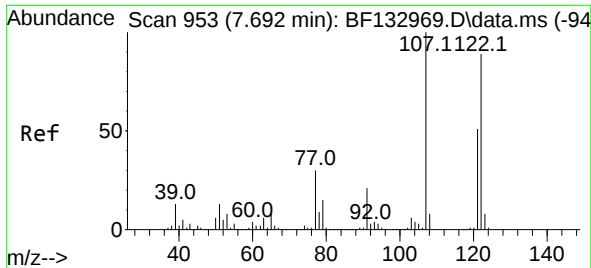
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 46.870 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:139 Resp: 391404
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 49.8 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 43.372 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

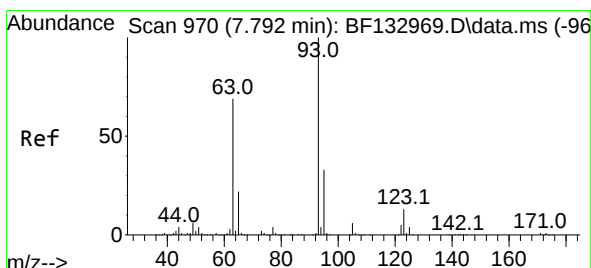
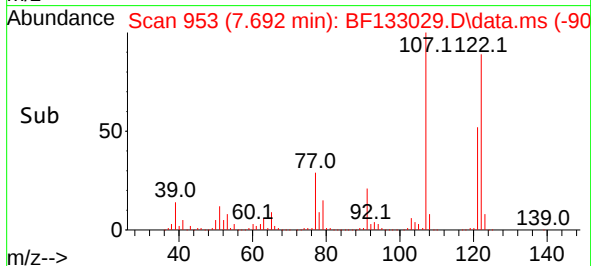
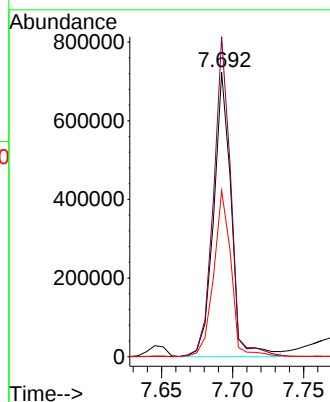
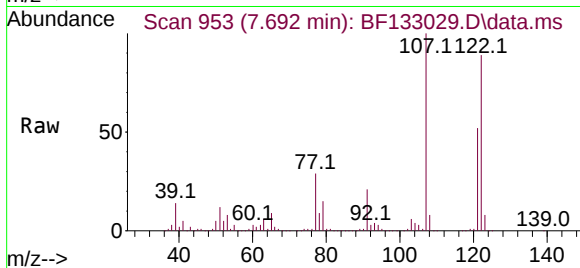
PB152297BSD

Tgt Ion:122 Resp: 621060
Ion Ratio Lower Upper
122 100
107 112.5 89.7 134.5
121 58.4 46.0 69.0

Manual Integrations

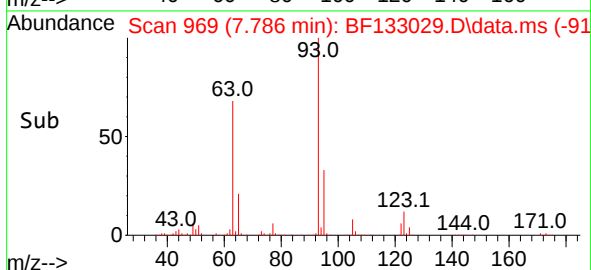
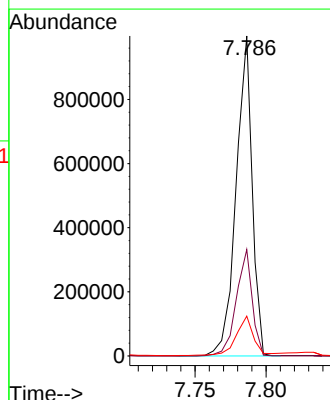
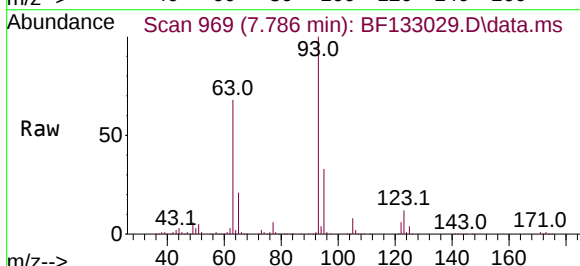
APPROVED

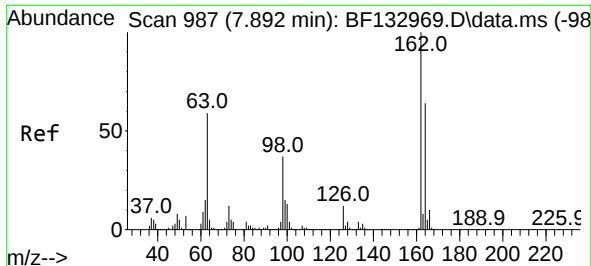
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.998 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion: 93 Resp: 786805
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.694 ng

RT: 7.892 min Scan# 98

Delta R.T. -0.000 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

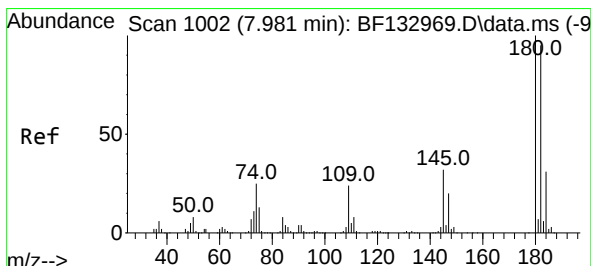
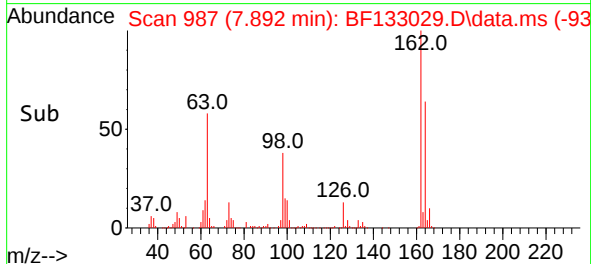
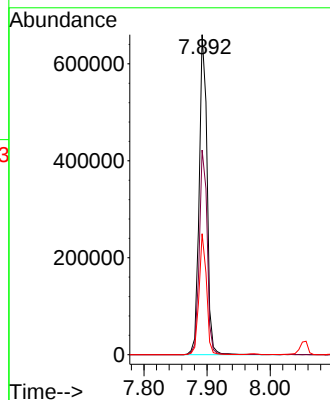
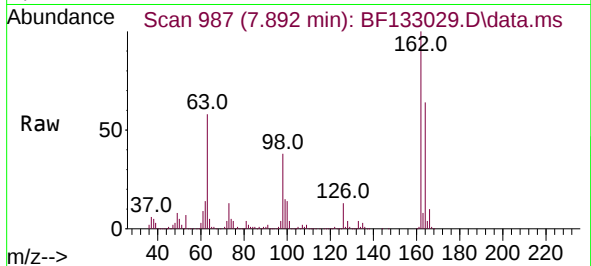
Tgt Ion:162	Resp: 56958
Ion Ratio	Lower Upper
162 100	
164 63.9	43.9 83.9
98 37.8	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.663 ng

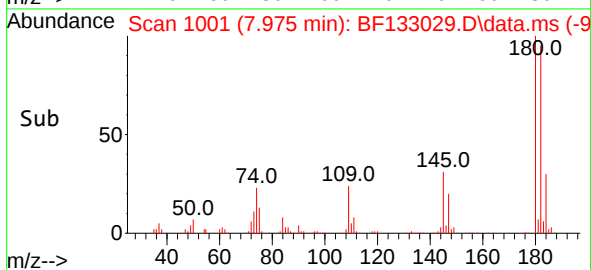
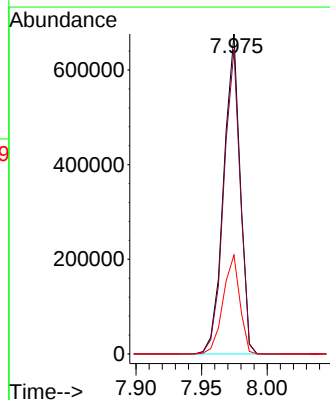
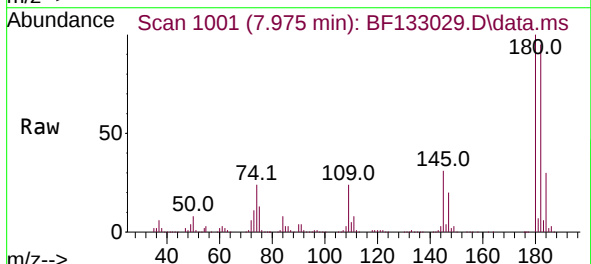
RT: 7.975 min Scan# 1001

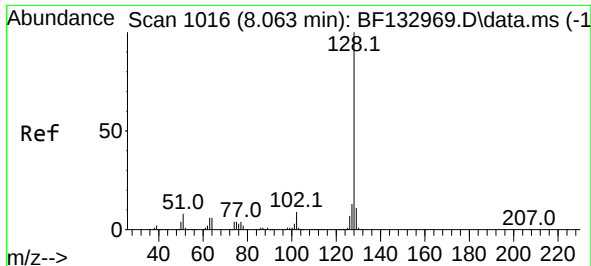
Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

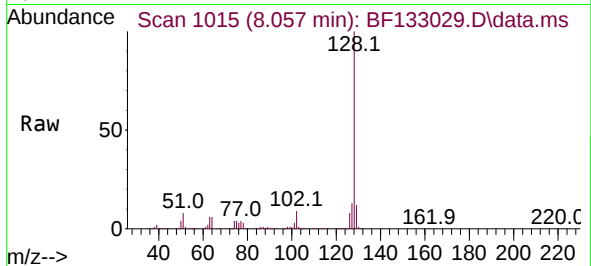
Tgt Ion:180	Resp: 589665
Ion Ratio	Lower Upper
180 100	
182 95.2	75.9 113.9
145 30.9	25.3 37.9





#31
Naphthalene
Concen: 41.767 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

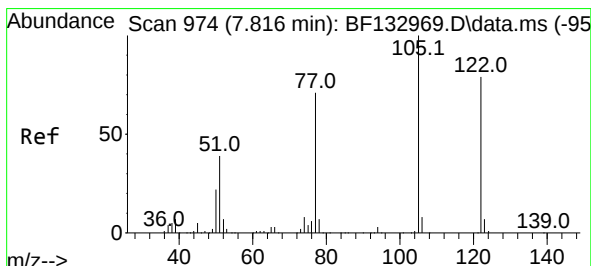
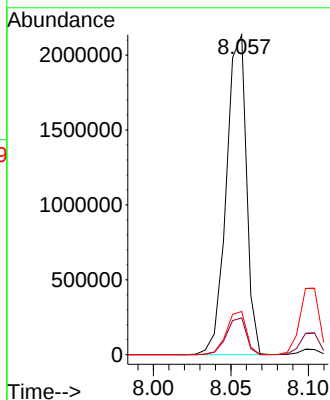
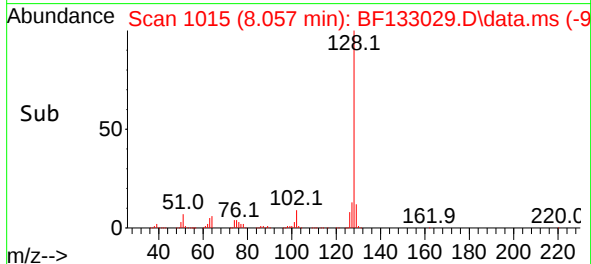
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:128 Resp: 192586
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.7 16.1

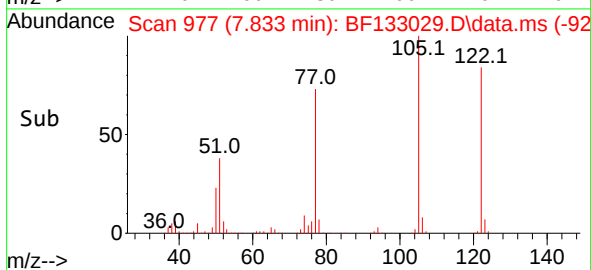
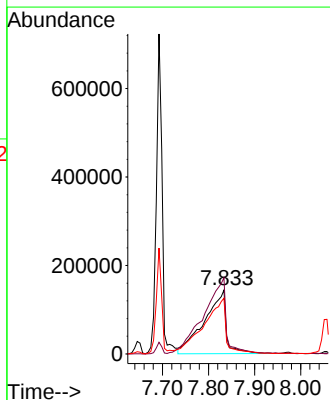
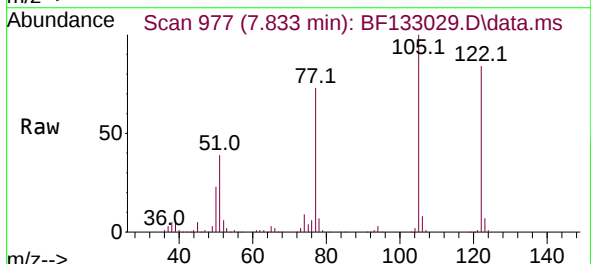
Manual Integrations
APPROVED

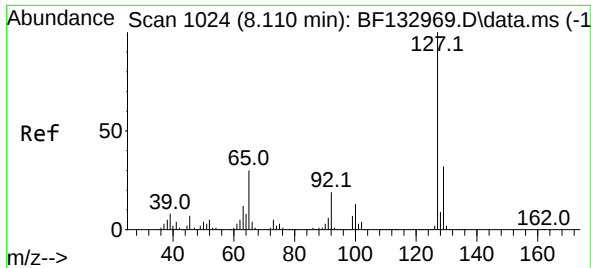
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#32
Benzoic acid
Concen: 53.644 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.017 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:122 Resp: 474485
Ion Ratio Lower Upper
122 100
105 119.3 104.2 144.2
77 87.3 69.7 109.7





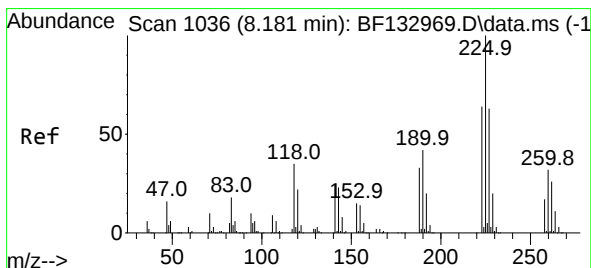
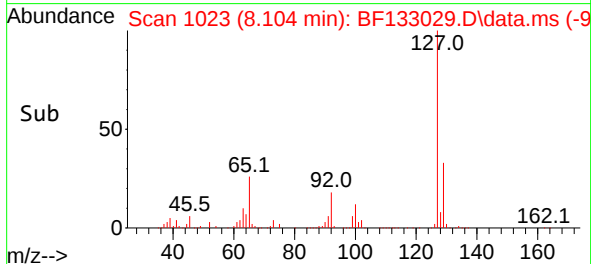
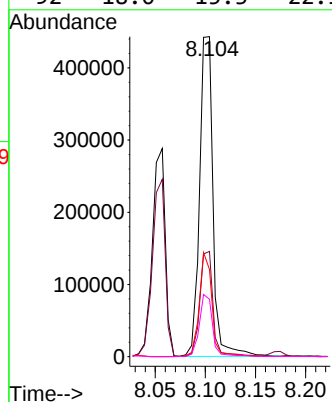
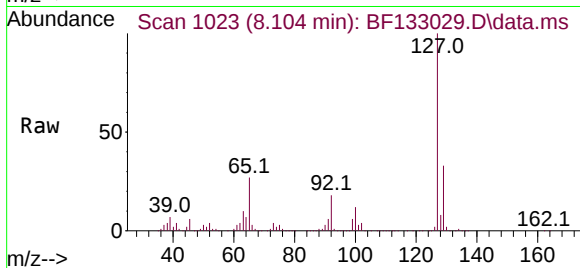
#33
4-Chloroaniline
Concen: 22.309 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion:	127	Resp:	415610
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	27.2	23.6	35.4
92	18.0	15.3	22.9

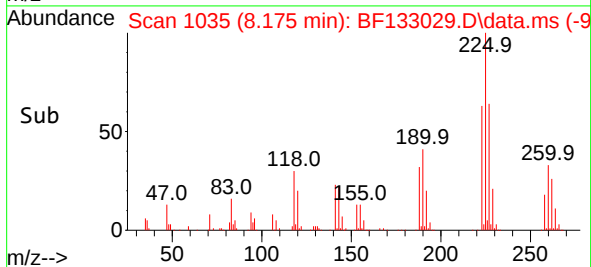
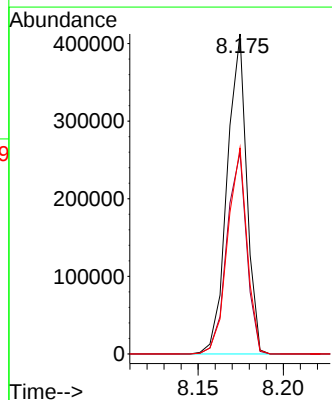
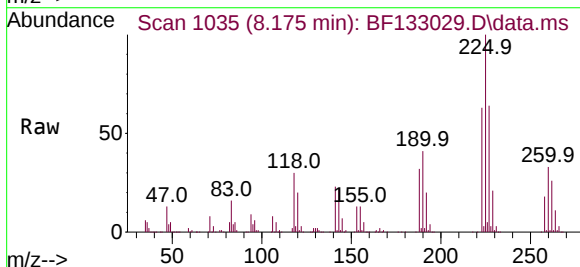
Manual Integrations
APPROVED

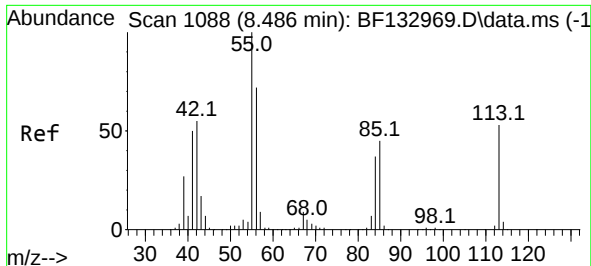
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 43.868 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

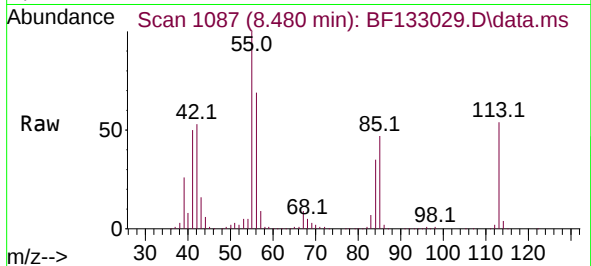
Tgt Ion:	225	Resp:	328350
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	64.4	50.3	75.5





#35
Caprolactam
Concen: 48.982 ng m
RT: 8.480 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

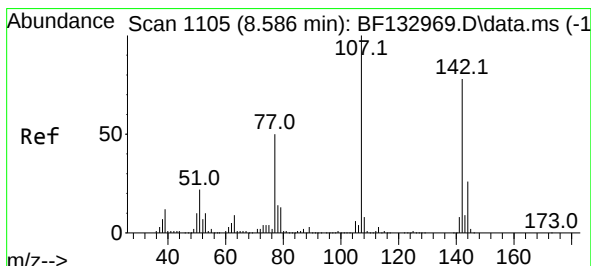
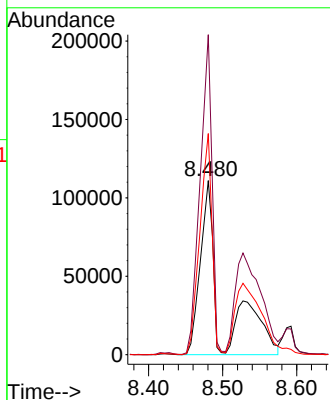
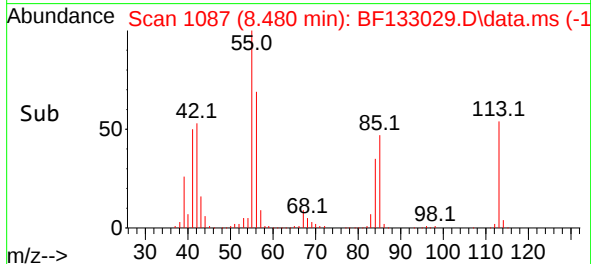
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:113 Resp: 214498
Ion Ratio Lower Upper
113 100
55 183.9 167.1 207.1
56 127.1 114.5 154.5

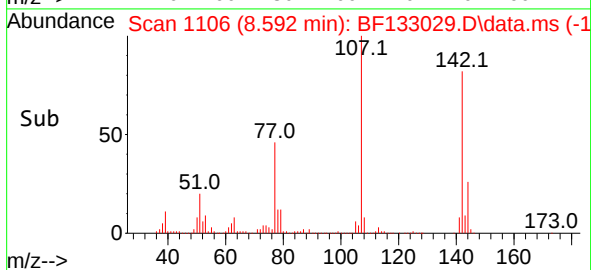
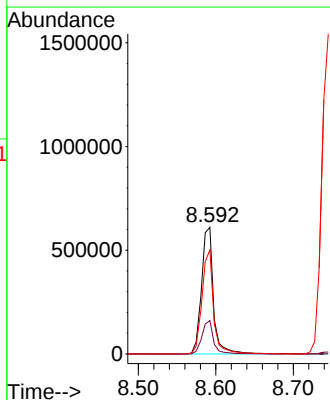
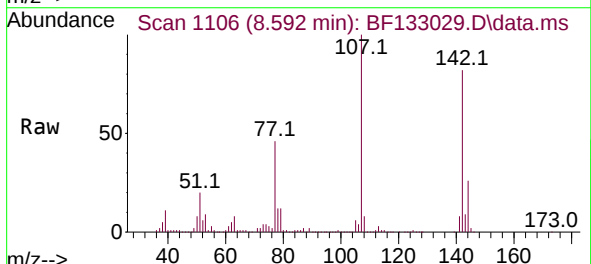
Manual Integrations
APPROVED

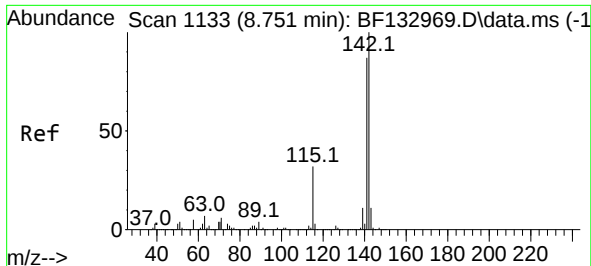
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#36
4-Chloro-3-methylphenol
Concen: 46.498 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:107 Resp: 653642
Ion Ratio Lower Upper
107 100
144 26.5 20.6 30.8
142 82.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.653 ng

RT: 8.745 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:142 Resp: 1313084

Ion Ratio Lower Upper

142 100

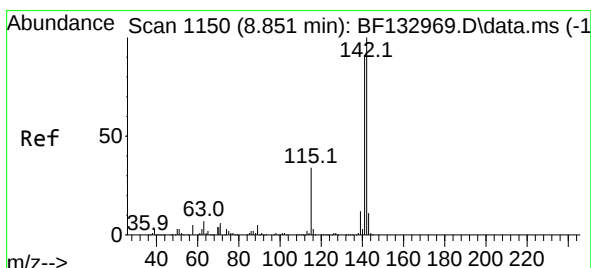
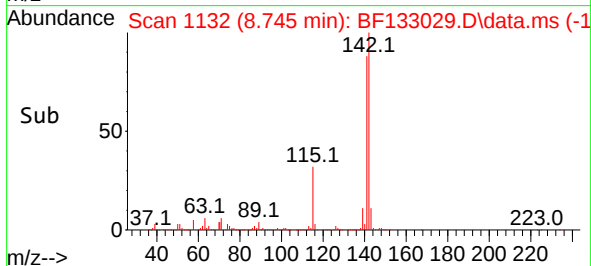
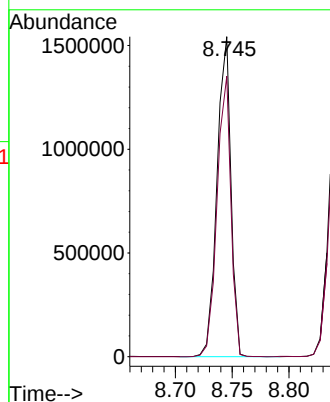
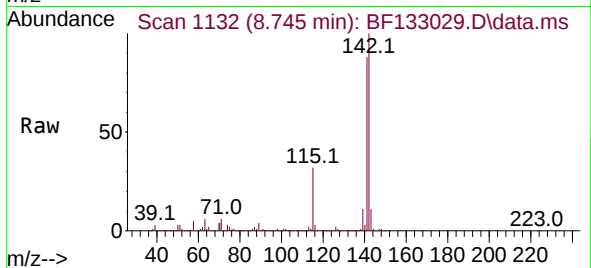
141 87.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#38

1-Methylnaphthalene

Concen: 41.880 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF133029.D

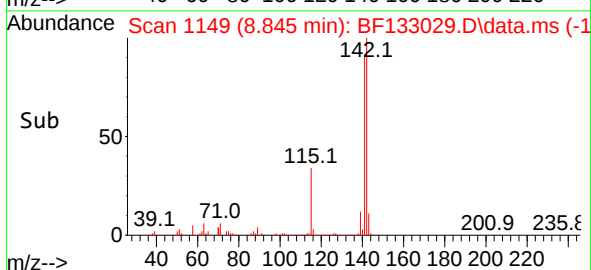
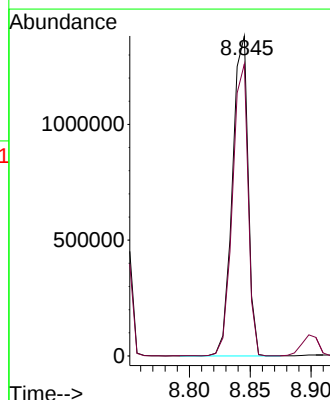
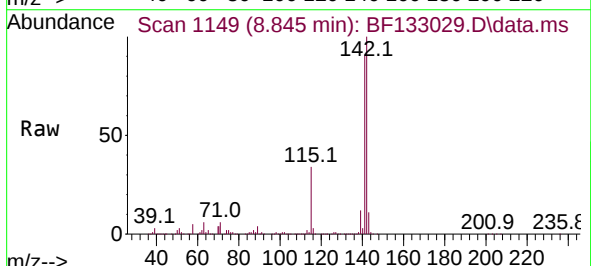
Acq: 25 Apr 2023 13:38

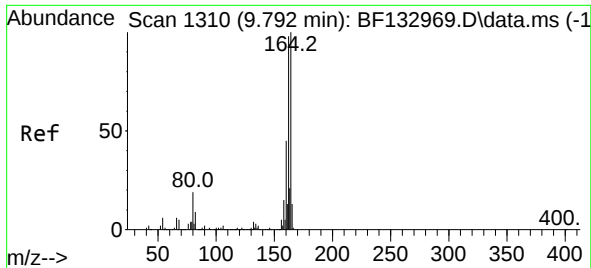
Tgt Ion:142 Resp: 1235036

Ion Ratio Lower Upper

142 100

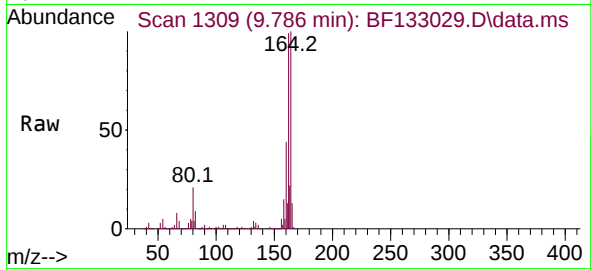
141 91.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11309
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

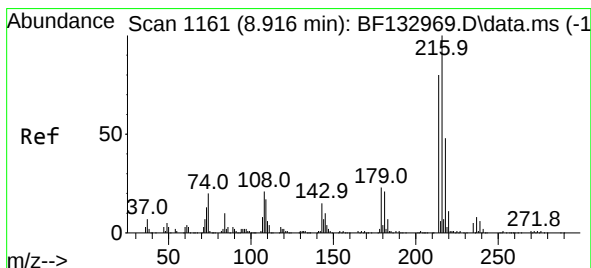
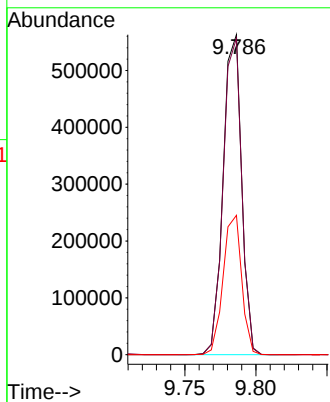
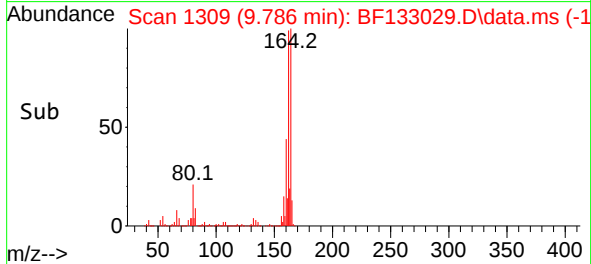
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:164 Resp: 507832
Ion Ratio Lower Upper
164 100
162 98.9 78.7 118.1
160 43.6 35.8 53.6

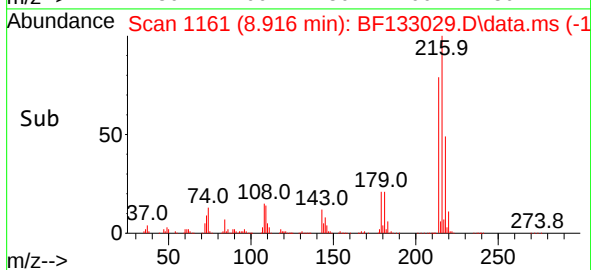
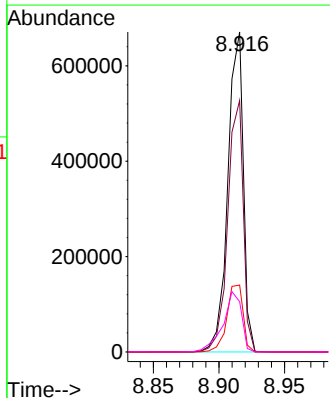
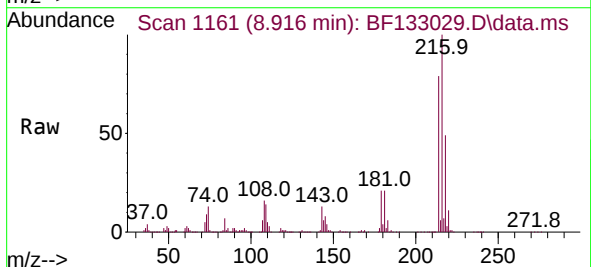
Manual Integrations
APPROVED

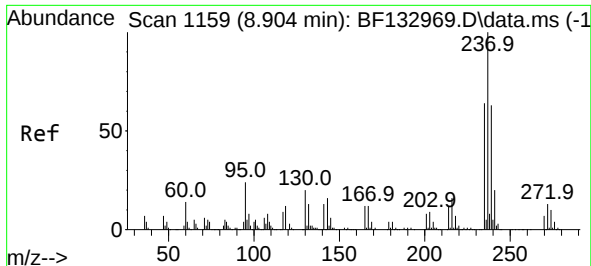
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.247 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

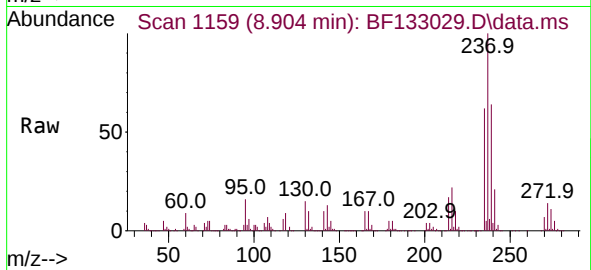
Tgt Ion:216 Resp: 549545
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.1 17.4 26.2
108 22.7 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 93.073 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

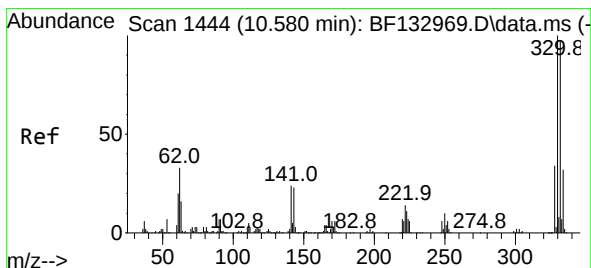
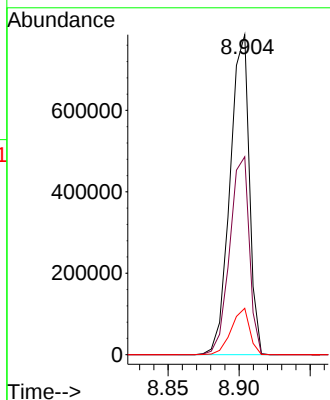
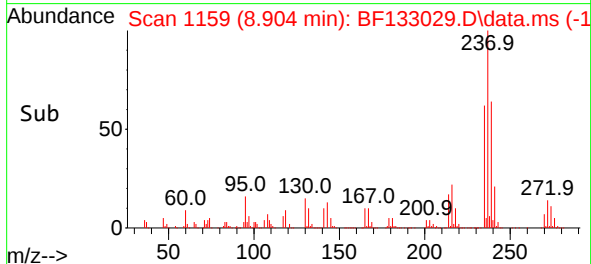
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



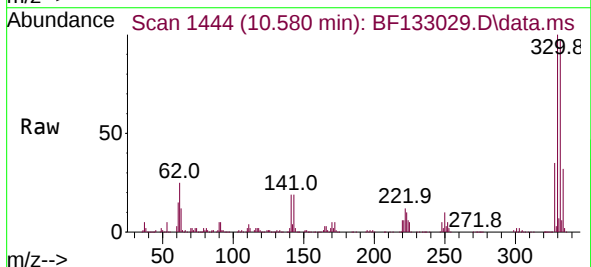
Tgt Ion:237 Resp: 741154
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 14.5 0.0 32.7

Manual Integrations
APPROVED

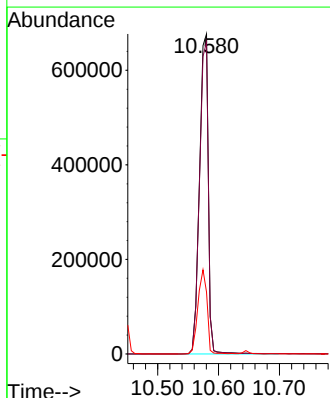
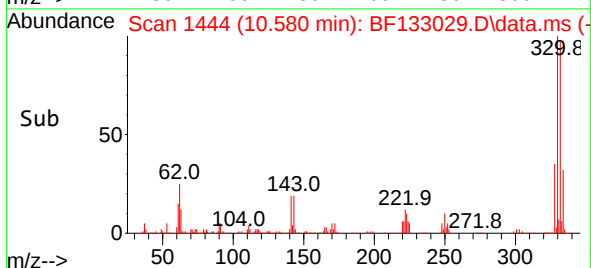
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

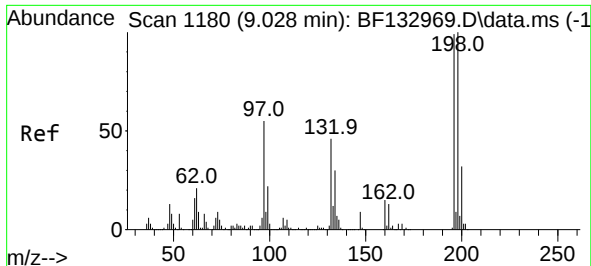


#42
2,4,6-Tribromophenol
Concen: 132.240 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



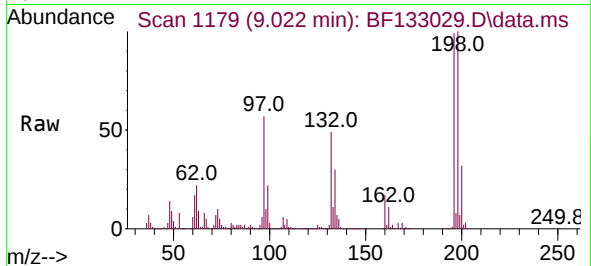
Tgt Ion:330 Resp: 675380
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 27.4 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 42.962 ng
RT: 9.022 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

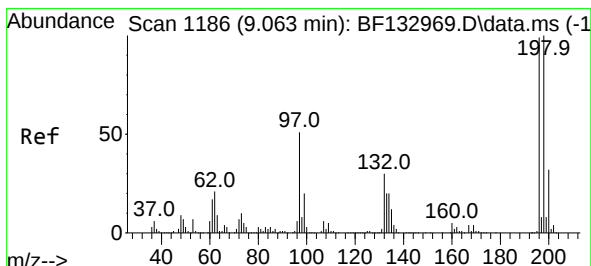
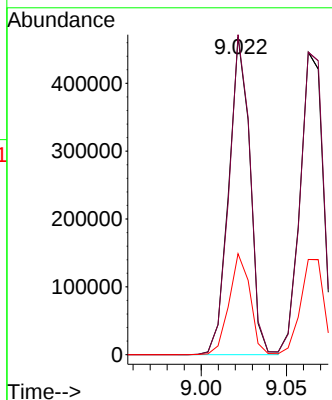
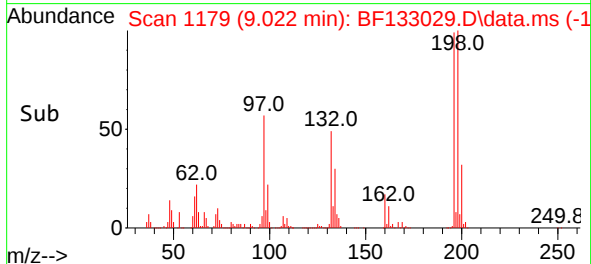
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:196 Resp: 405684
Ion Ratio Lower Upper
196 100
198 100.8 81.0 121.6
200 31.8 26.1 39.1

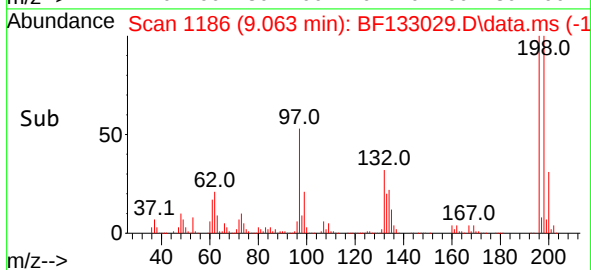
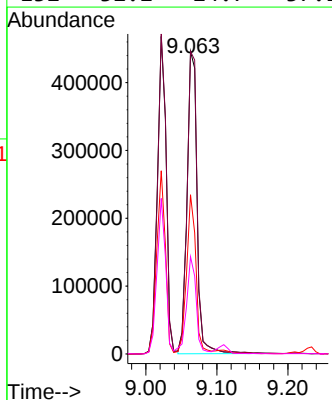
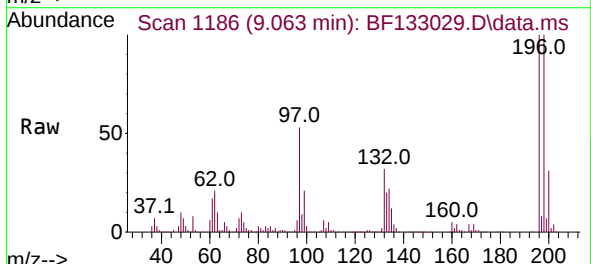
Manual Integrations
APPROVED

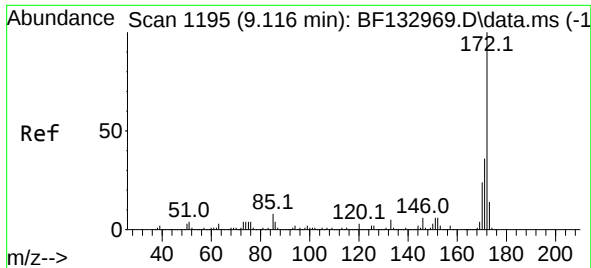
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#44
2,4,5-Trichlorophenol
Concen: 40.216 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

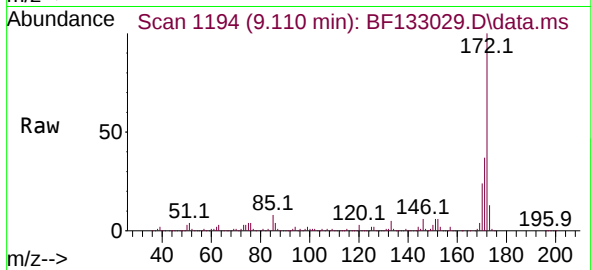
Tgt Ion:196 Resp: 439192
Ion Ratio Lower Upper
196 100
198 100.0 80.9 121.3
97 52.6 41.3 61.9
132 32.2 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 80.323 ng
RT: 9.110 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

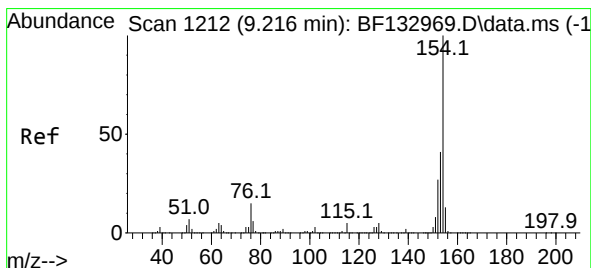
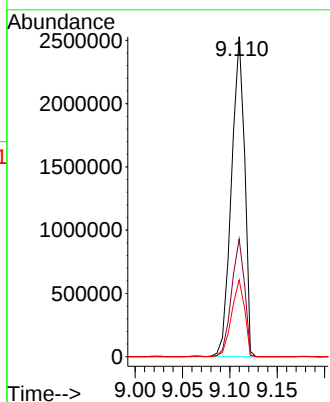
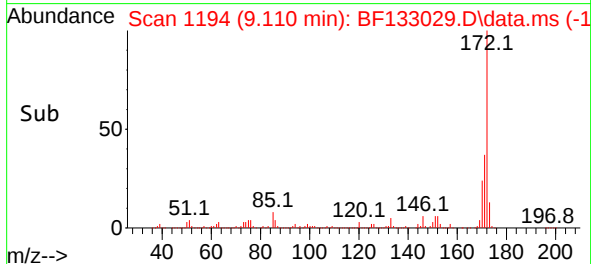
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:172 Resp: 243817
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.0 19.4 29.2

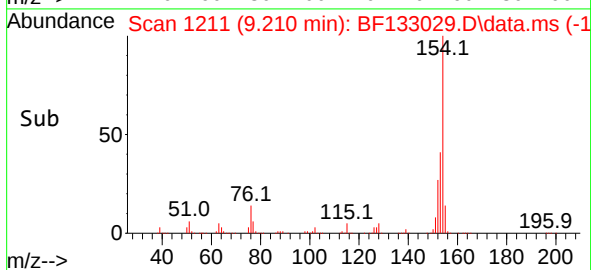
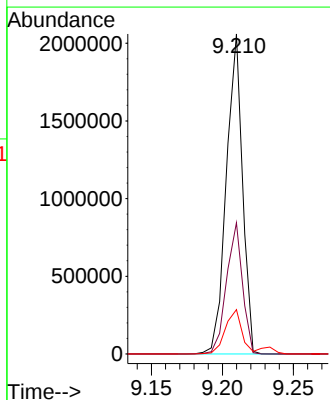
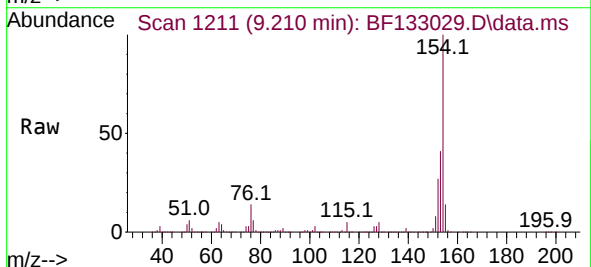
Manual Integrations
APPROVED

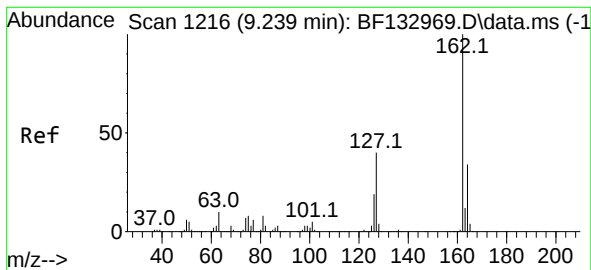
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#46
1,1'-Biphenyl
Concen: 40.254 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:154 Resp: 1620972
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 13.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 41.330 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:162 Resp: 121816

Ion Ratio Lower Upper

162 100

127 40.3 32.3 48.5

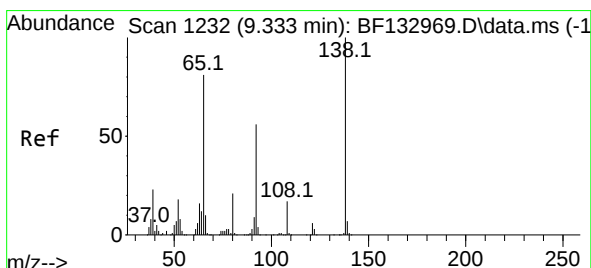
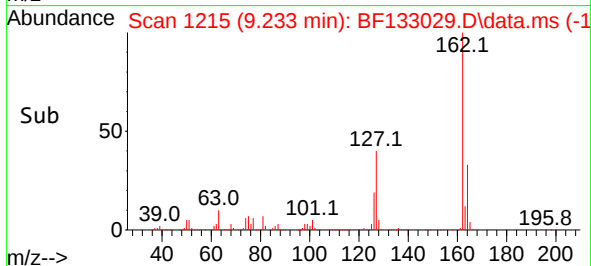
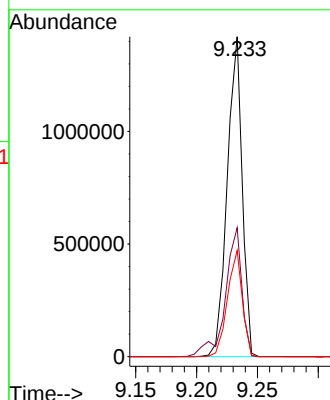
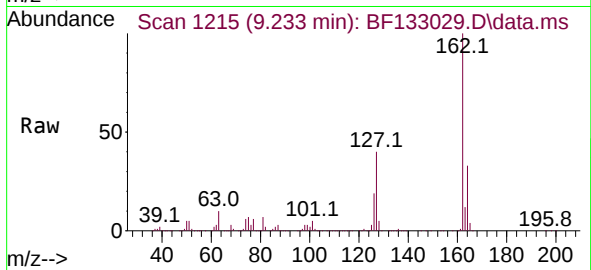
164 33.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#48

2-Nitroaniline

Concen: 41.872 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

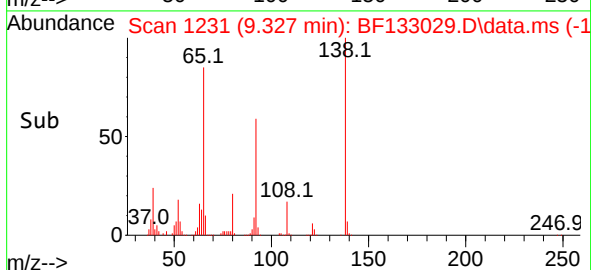
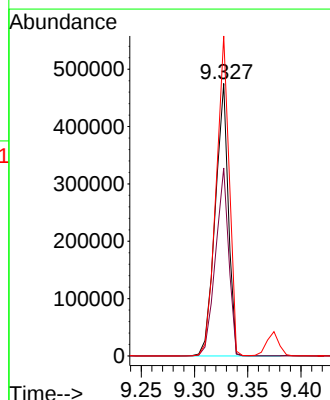
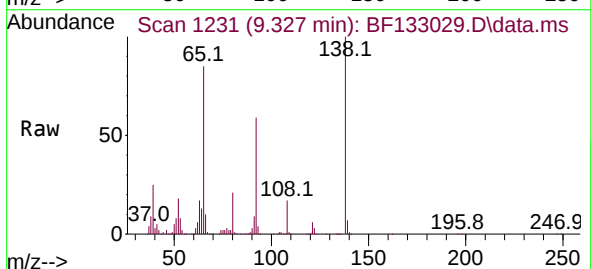
Tgt Ion: 65 Resp: 407880

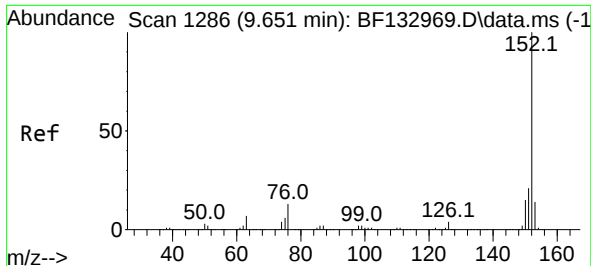
Ion Ratio Lower Upper

65 100

92 69.0 55.4 83.0

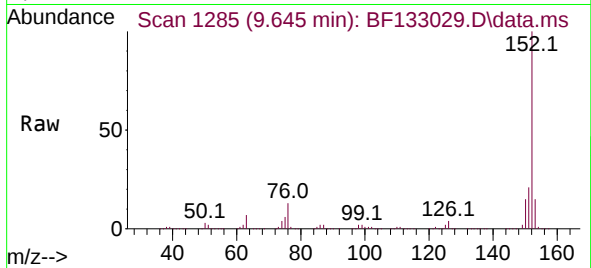
138 117.4 98.2 147.2





#49
Acenaphthylene
Concen: 40.325 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

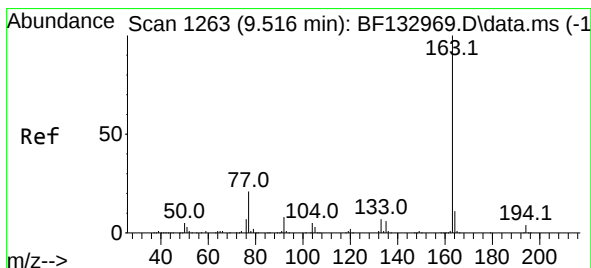
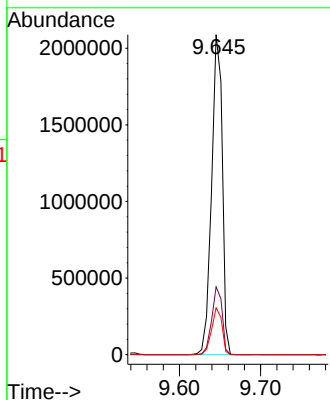
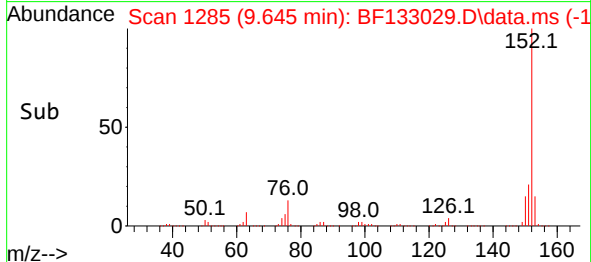
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



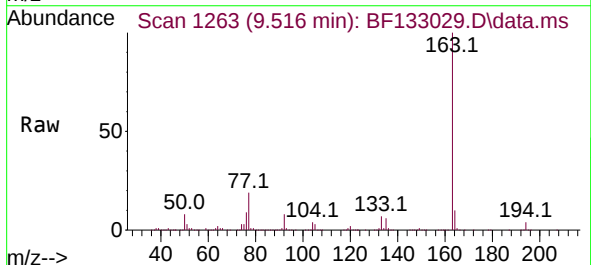
Tgt Ion:152 Resp: 1899090
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 14.7 11.5 17.3

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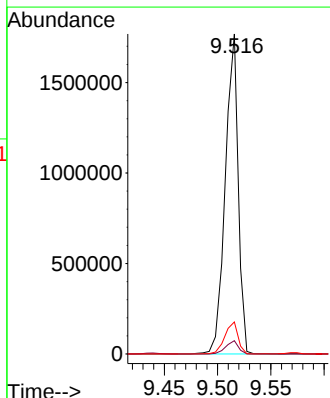
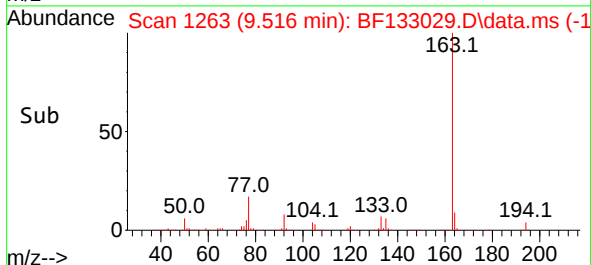
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

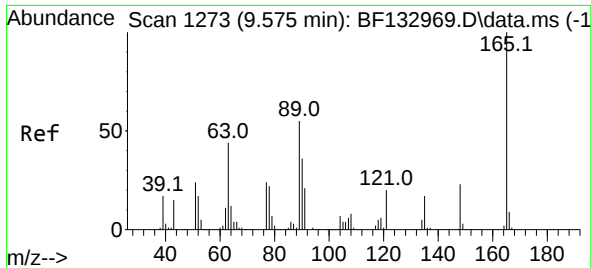


#50
Dimethylphthalate
Concen: 42.105 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



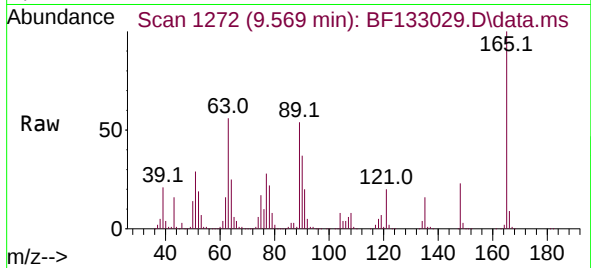
Tgt Ion:163 Resp: 1490937
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.519 ng
RT: 9.569 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

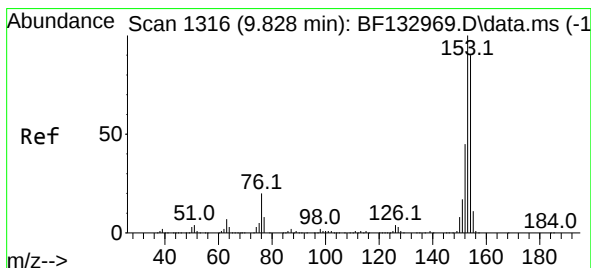
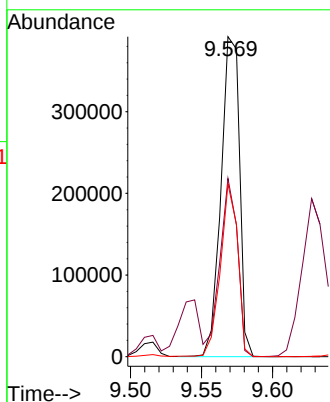
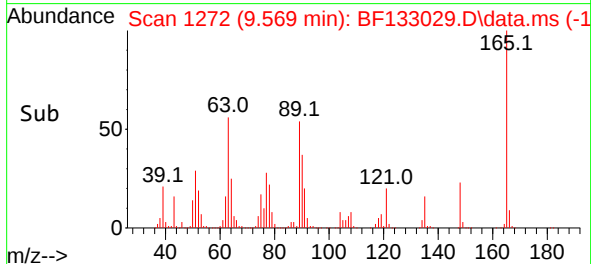
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:165 Resp: 354810
Ion Ratio Lower Upper
165 100
63 55.7 45.9 68.9
89 54.0 44.0 66.0

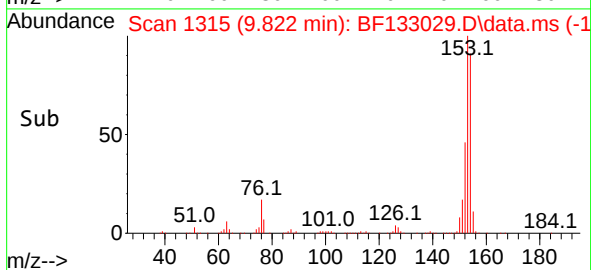
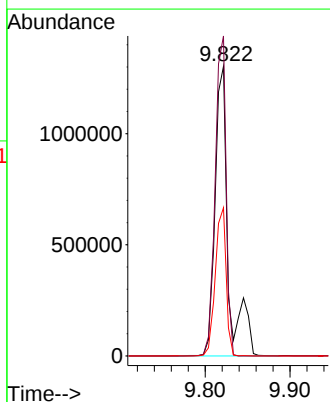
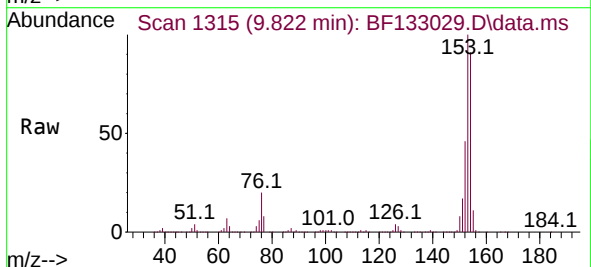
Manual Integrations
APPROVED

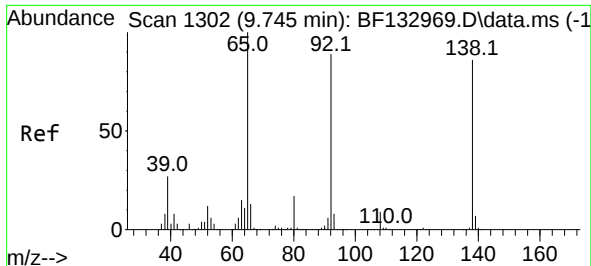
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#52
Acenaphthene
Concen: 45.036 ng m
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:154 Resp: 1420532
Ion Ratio Lower Upper
154 100
153 110.5 89.0 133.6
152 51.2 40.4 60.6





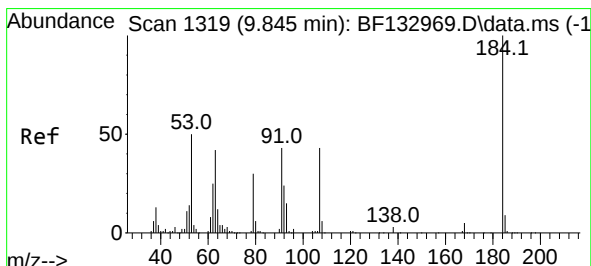
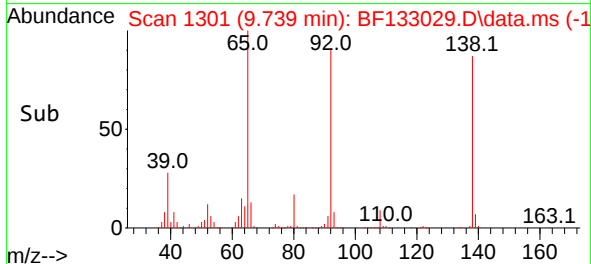
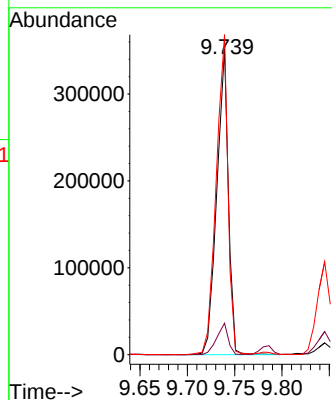
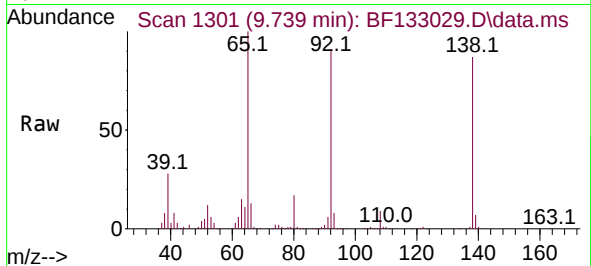
#53
3-Nitroaniline
Concen: 31.501 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion:138 Resp: 29851
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 104.7 83.6 125.4

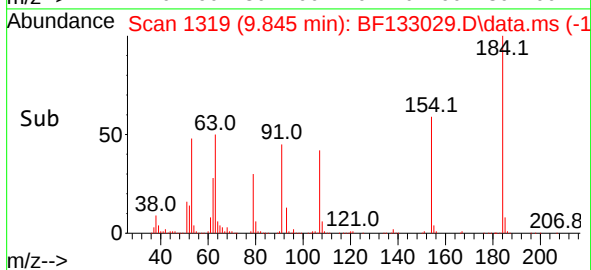
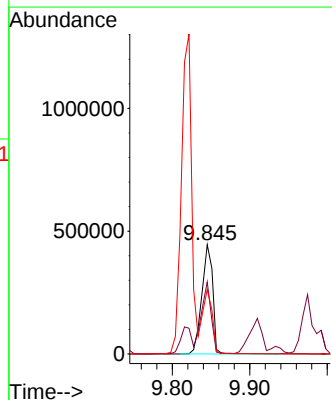
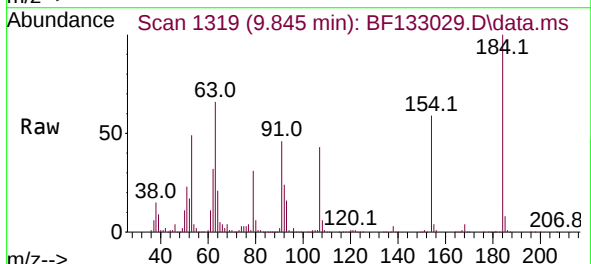
Manual Integrations
APPROVED

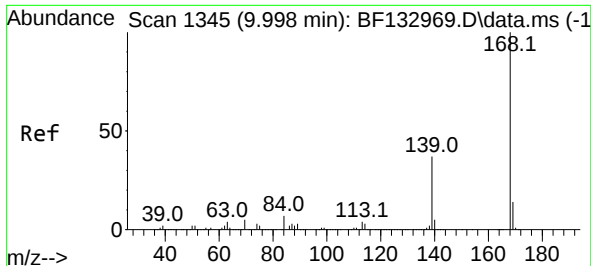
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#54
2,4-Dinitrophenol
Concen: 108.565 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

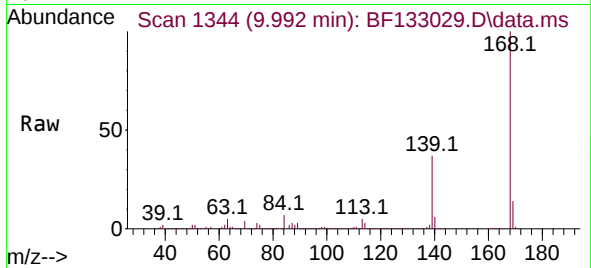
Tgt Ion:184 Resp: 434917
Ion Ratio Lower Upper
184 100
63 65.9 49.8 74.8
154 58.8 49.5 74.3





#55
Dibenzenofuran
Concen: 40.038 ng
RT: 9.992 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

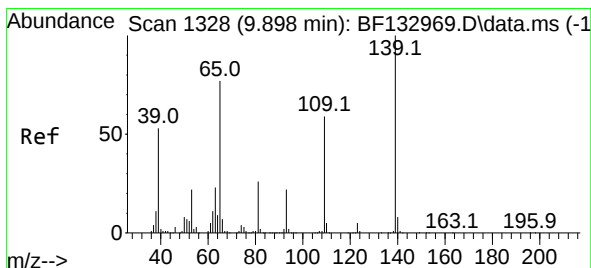
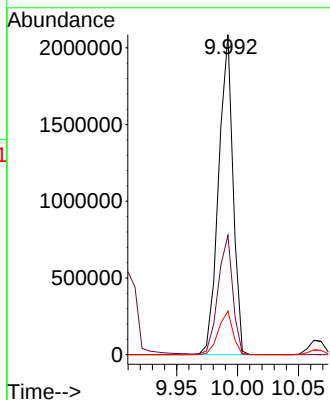
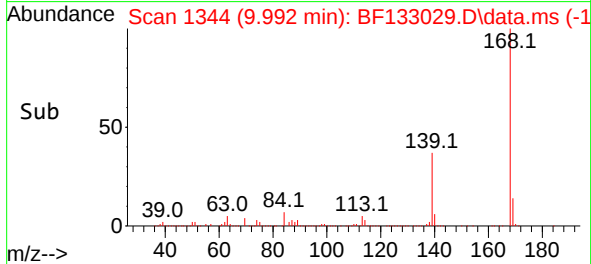
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:168 Resp: 1722672
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.7 10.8 16.2

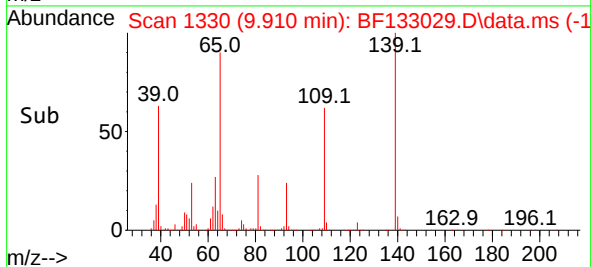
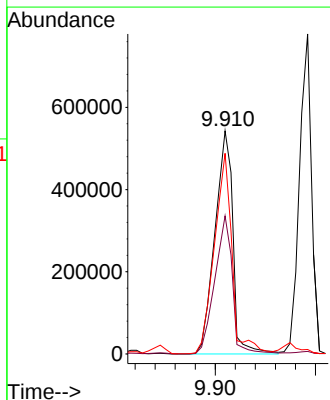
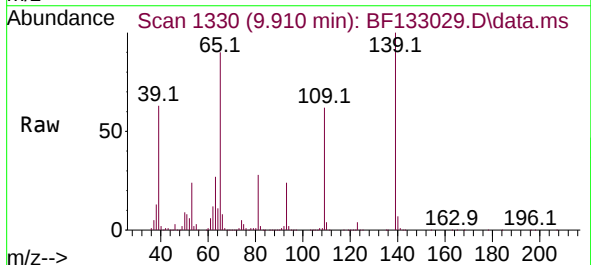
Manual Integrations
APPROVED

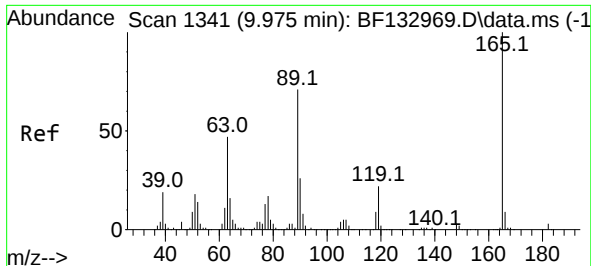
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 91.725 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:139 Resp: 673231
Ion Ratio Lower Upper
139 100
109 61.9 39.4 79.4
65 89.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 46.014 ng

RT: 9.974 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:165 Resp: 46768

Ion Ratio Lower Upper

165 100

63 42.4 37.7 56.5

89 65.9 57.0 85.4

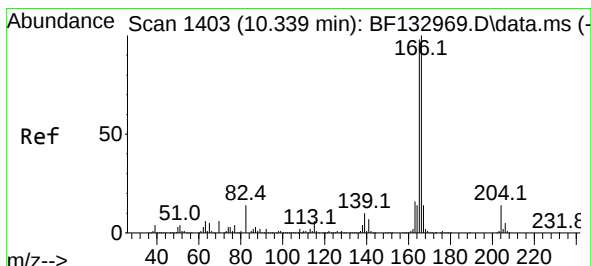
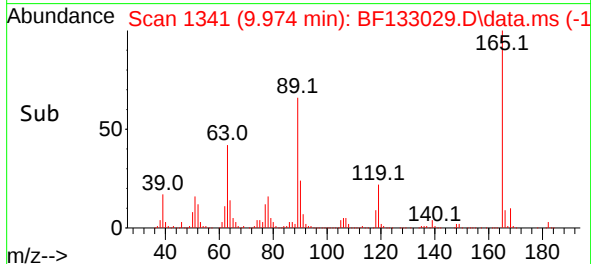
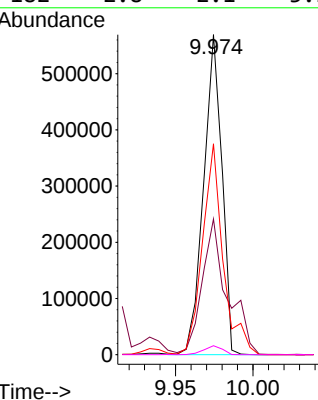
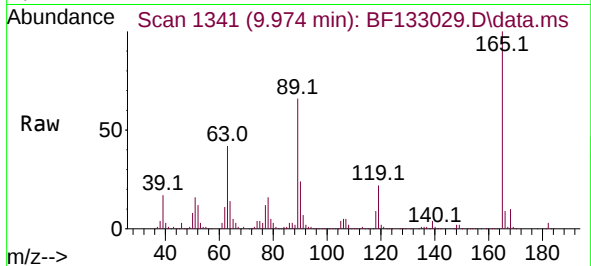
182 2.8 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#58

Fluorene

Concen: 40.441 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

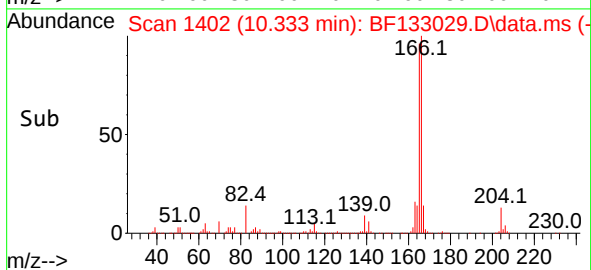
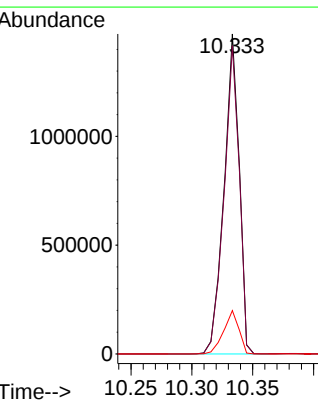
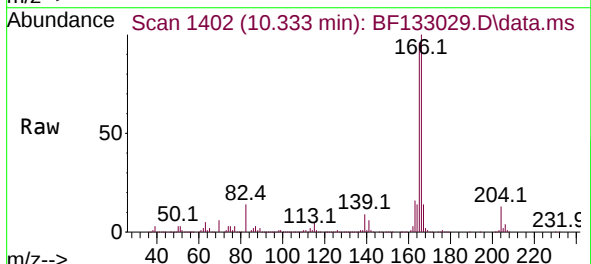
Tgt Ion:166 Resp: 1274829

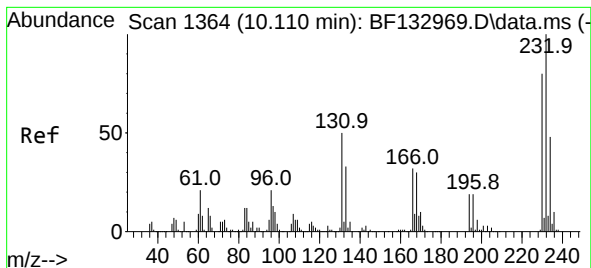
Ion Ratio Lower Upper

166 100

165 96.3 78.6 117.8

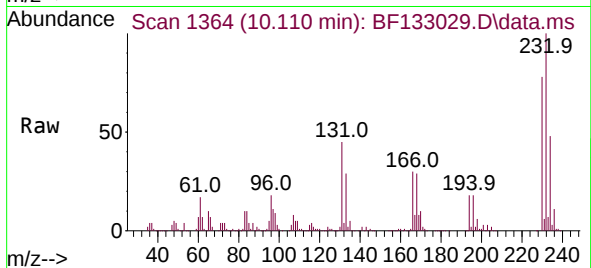
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.881 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

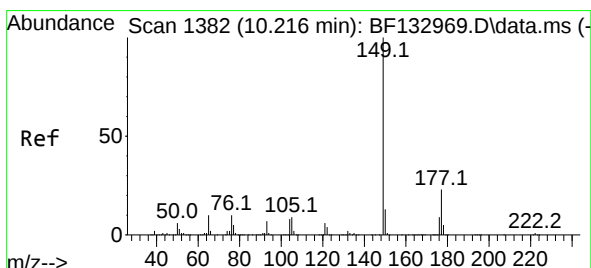
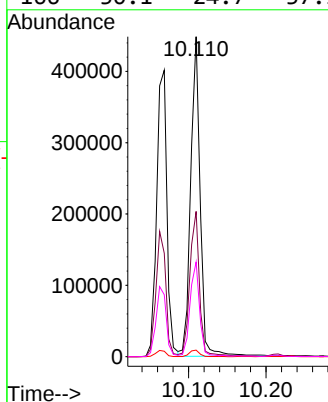
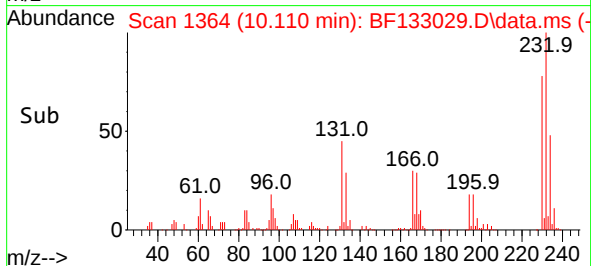
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



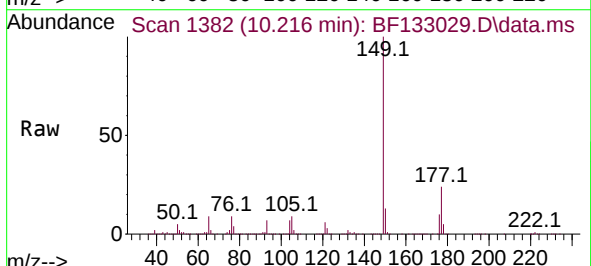
Tgt Ion:232 Resp: 37998
Ion Ratio Lower Upper
232 100
131 46.2 38.0 57.0
130 2.2 1.8 2.8
166 30.1 24.7 37.1

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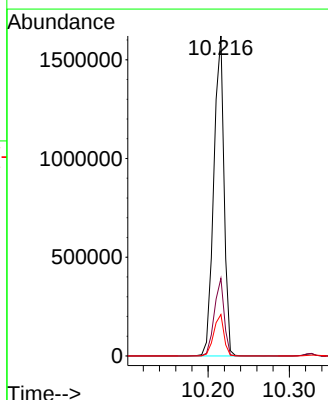
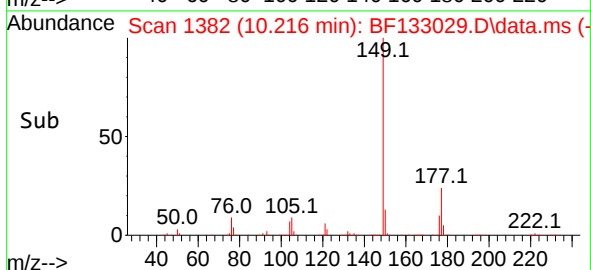
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

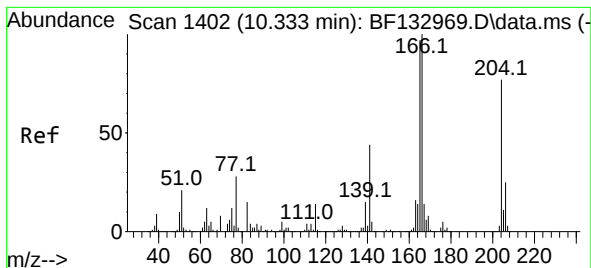


#60
Diethylphthalate
Concen: 42.457 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



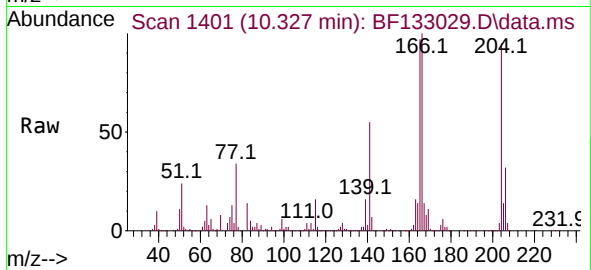
Tgt Ion:149 Resp: 1420058
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.165 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

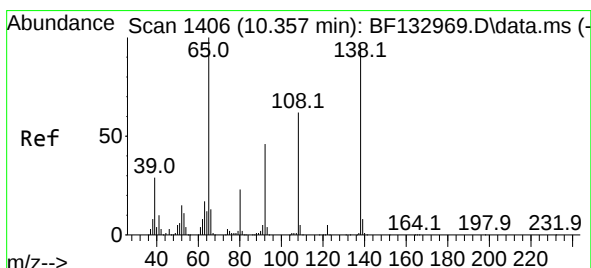
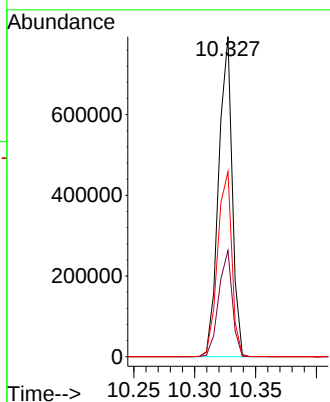
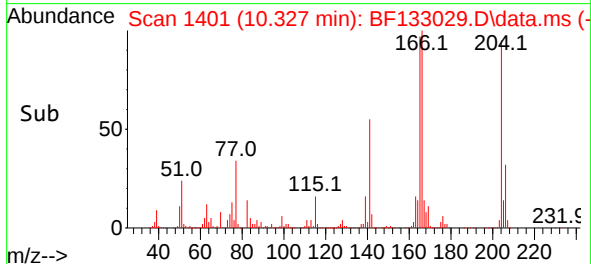
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



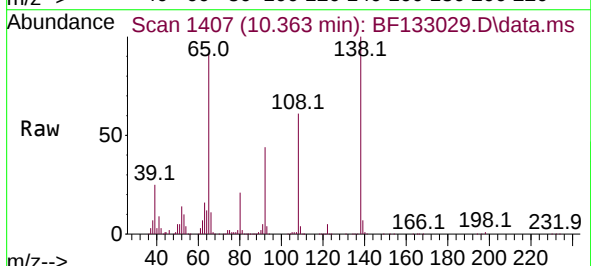
Tgt Ion:204 Resp: 616998
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 57.8 46.1 69.1

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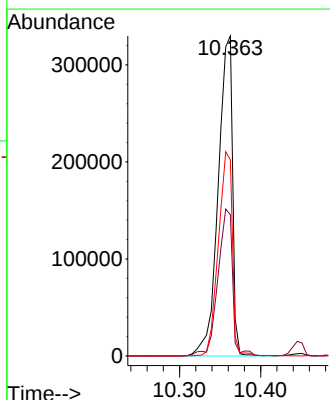
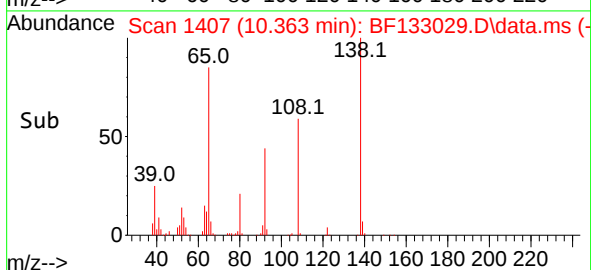
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

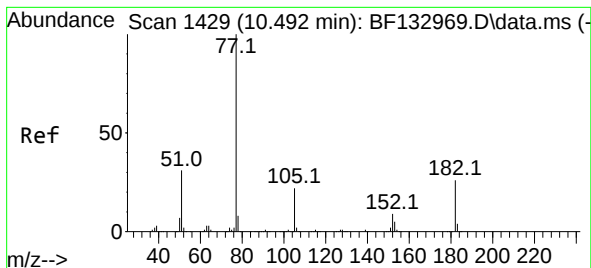


#62
4-Nitroaniline
Concen: 46.675 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



Tgt Ion:138 Resp: 406528
Ion Ratio Lower Upper
138 100
92 44.1 27.7 67.7
108 61.3 45.2 85.2





#63

Azobenzene

Concen: 40.294 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF133029.D

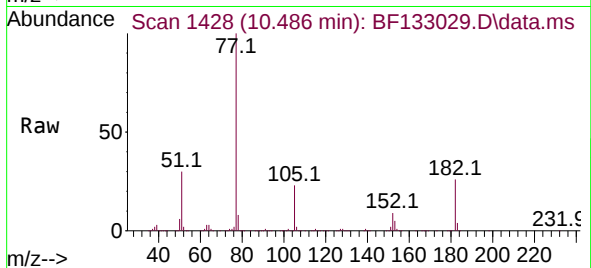
Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD



Tgt Ion: 77 Resp: 1427690

Ion Ratio Lower Upper

77 100

182 25.8 5.9 45.9

105 22.8 2.3 42.3

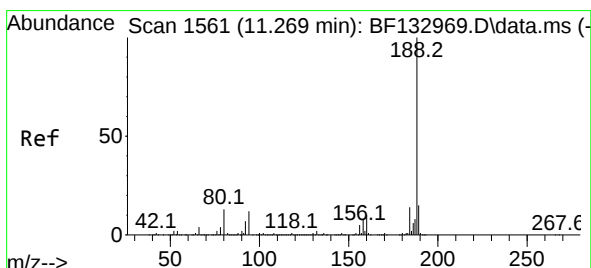
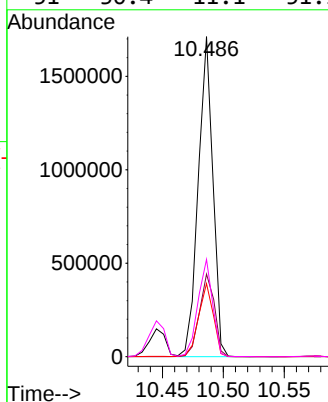
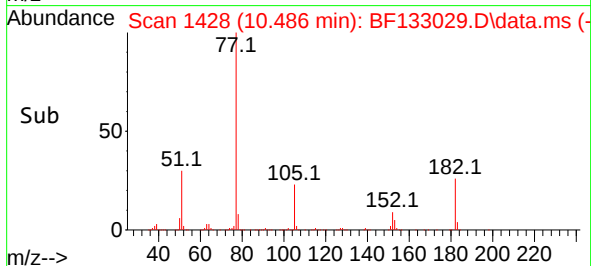
51 30.4 11.1 51.1

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: BF133029.D

Acq: 25 Apr 2023 13:38

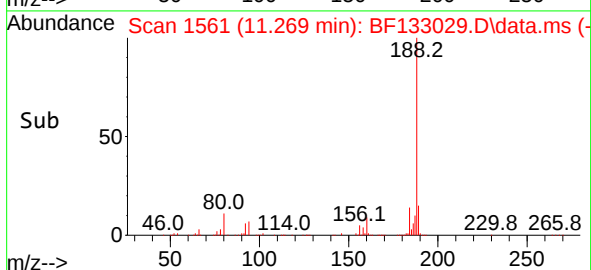
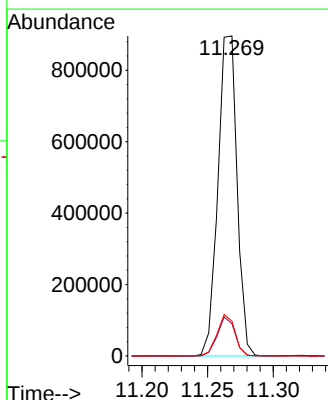
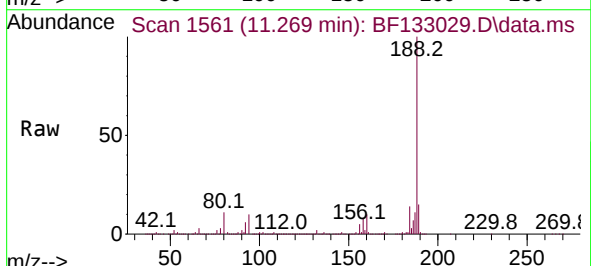
Tgt Ion:188 Resp: 908075

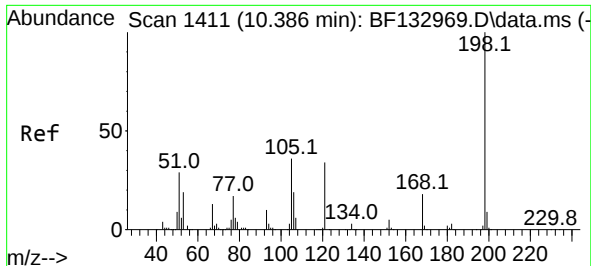
Ion Ratio Lower Upper

188 100

94 10.1 9.7 14.5

80 10.9 10.4 15.6





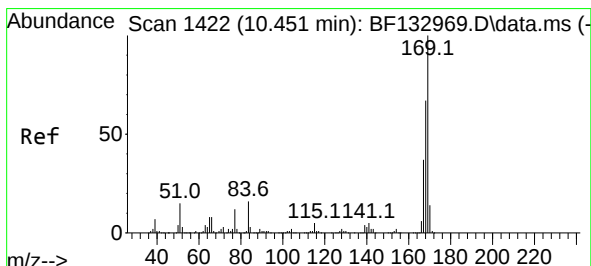
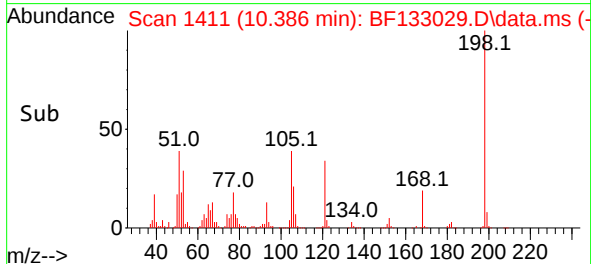
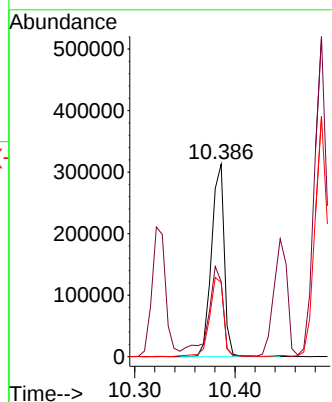
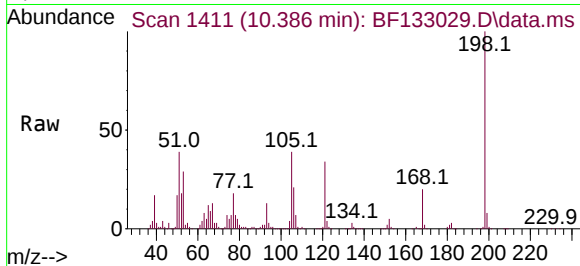
#65
4,6-Dinitro-2-methylphenol
Concen: 50.521 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion:198 Resp: 27807
Ion Ratio Lower Upper
198 100
51 39.0 15.5 55.5
105 38.6 16.7 56.7

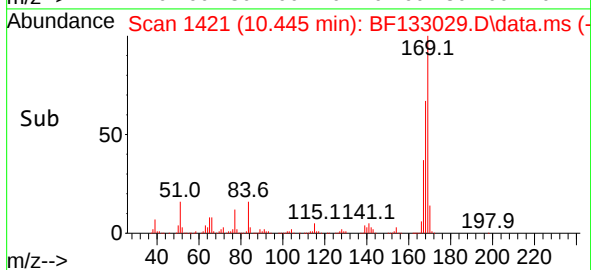
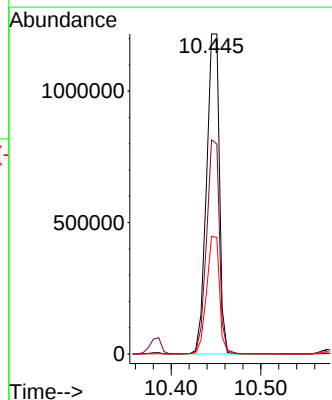
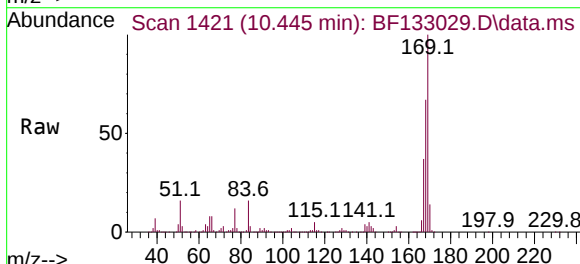
Manual Integrations
APPROVED

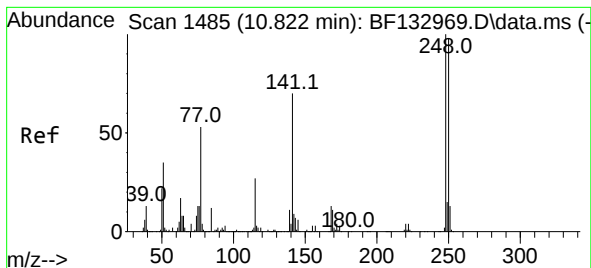
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#66
n-Nitrosodiphenylamine
Concen: 40.960 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

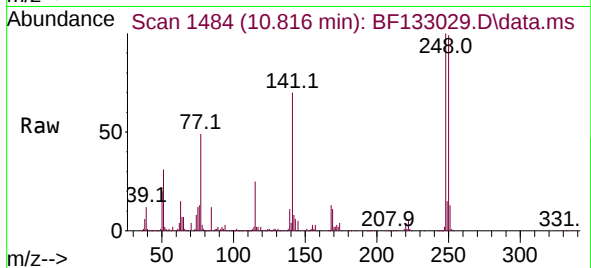
Tgt Ion:169 Resp: 1206500
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.8 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 41.816 ng
RT: 10.816 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

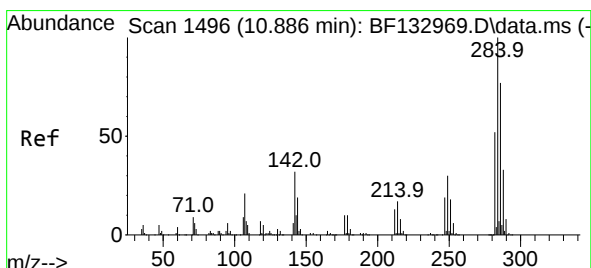
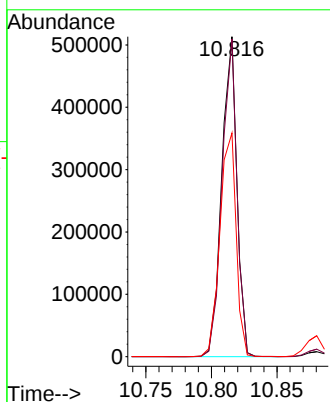
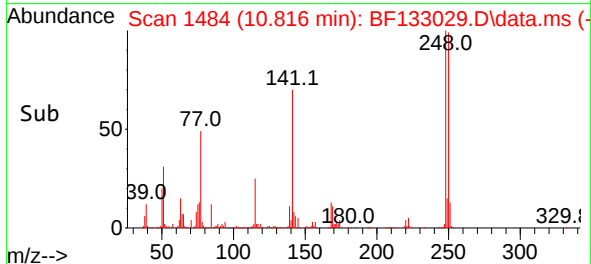
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



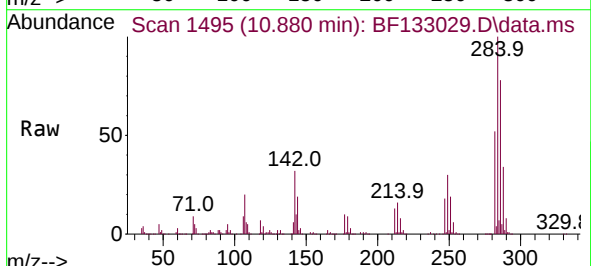
Tgt Ion:248 Resp: 411825
Ion Ratio Lower Upper
248 100
250 99.3 78.7 118.1
141 69.9 56.3 84.5

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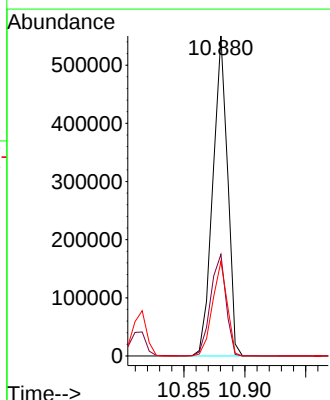
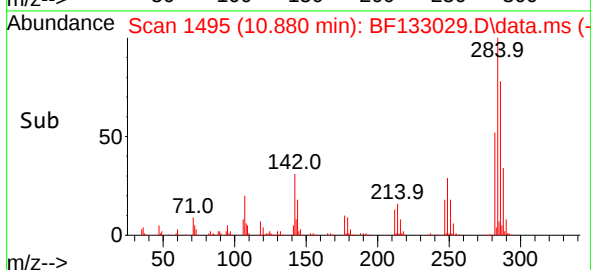
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

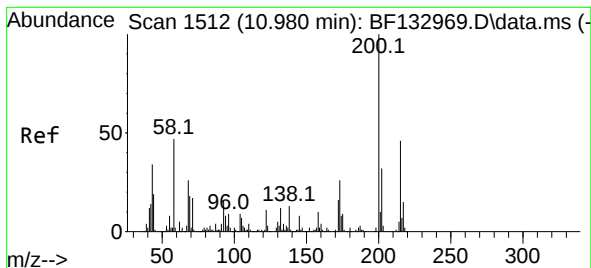


#68
Hexachlorobenzene
Concen: 45.682 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



Tgt Ion:284 Resp: 461012
Ion Ratio Lower Upper
284 100
142 31.8 26.0 39.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 49.232 ng

RT: 10.974 min Scan# 1511

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

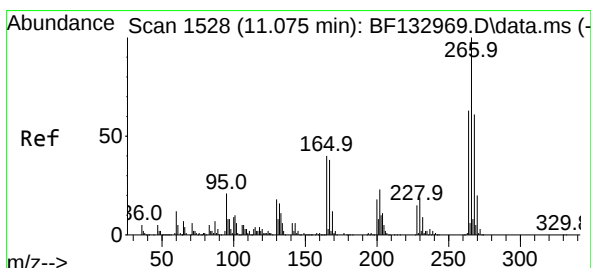
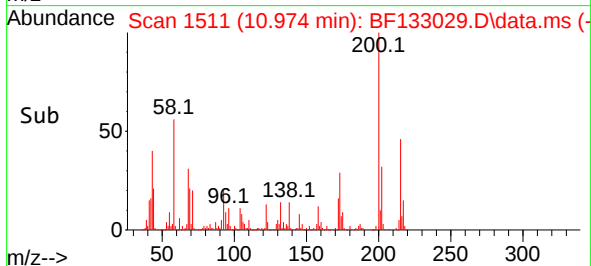
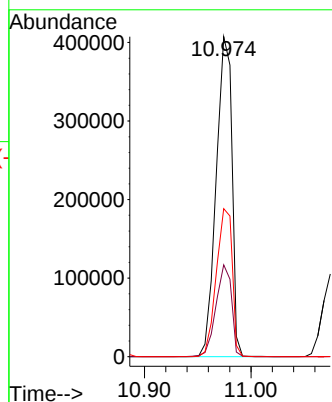
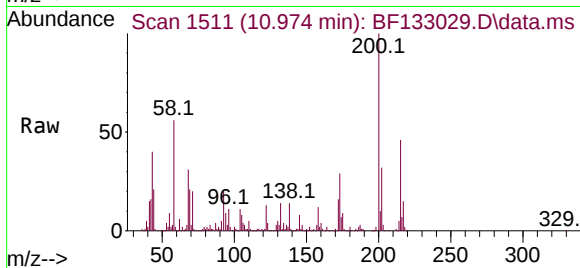
PB152297BSD

Tgt Ion:	200	Resp:	41785
Ion Ratio	Lower	Upper	
200	100		
173	28.7	6.2	46.2
215	46.3	26.3	66.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 78.269 ng

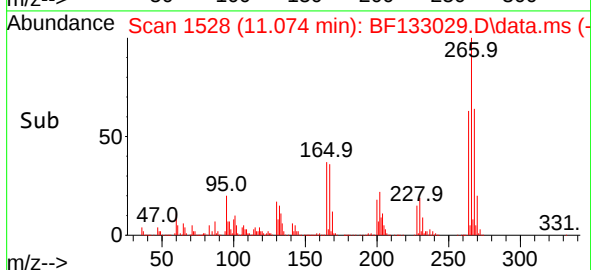
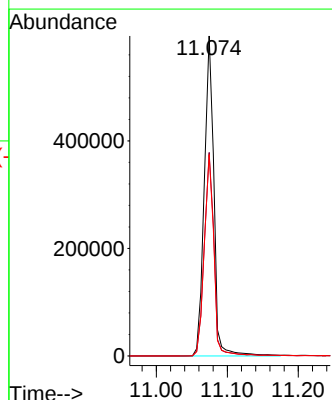
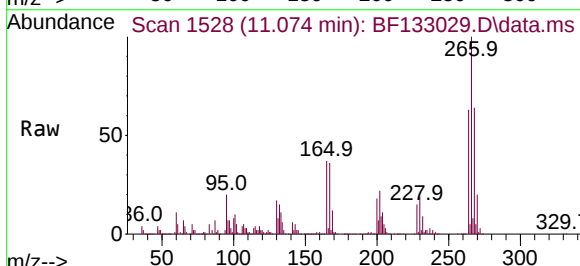
RT: 11.074 min Scan# 1528

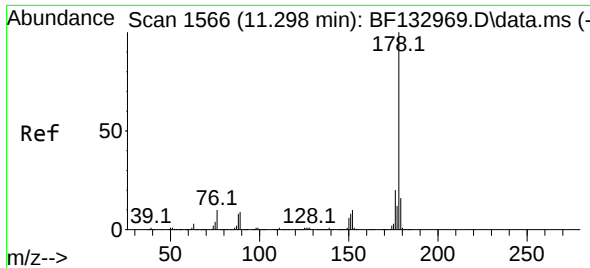
Delta R.T. -0.000 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Tgt Ion:	266	Resp:	562539
Ion Ratio	Lower	Upper	
266	100		
268	63.6	48.8	73.2
264	63.0	50.6	76.0





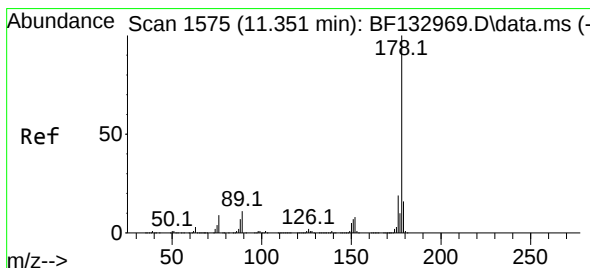
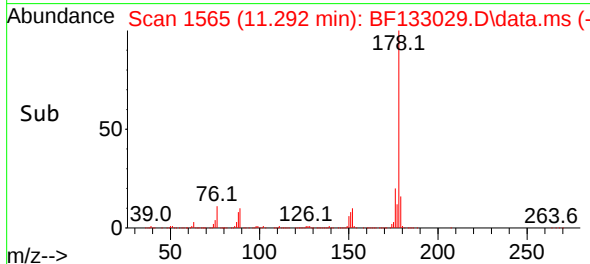
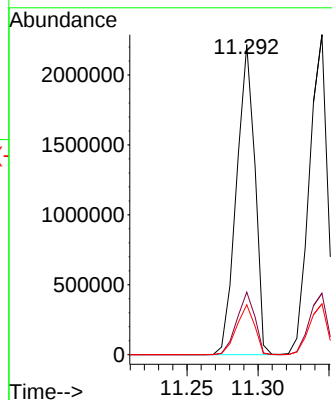
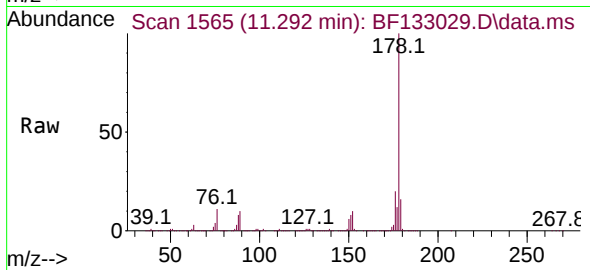
#71
Phenanthrene
Concen: 40.776 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Tgt Ion:178 Resp: 199015
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.1 12.5 18.7

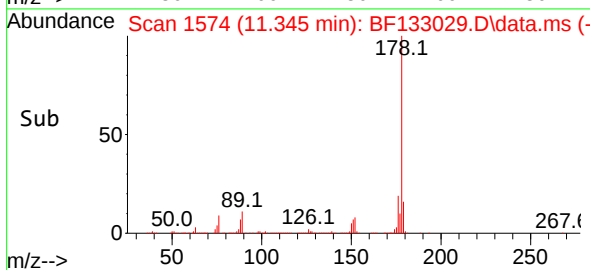
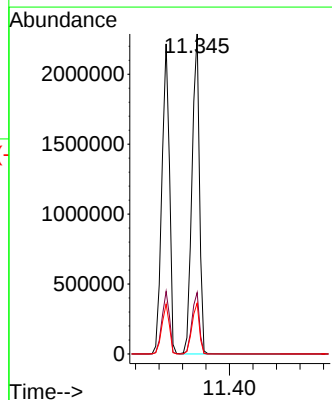
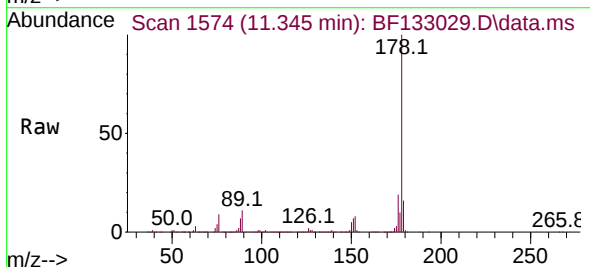
Manual Integrations
APPROVED

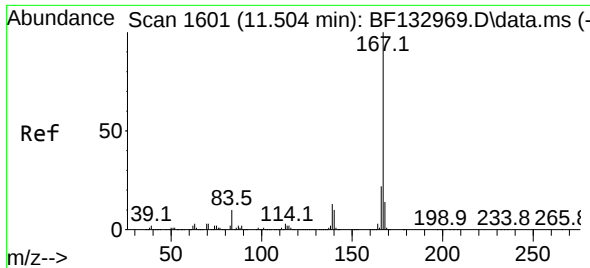
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 40.428 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

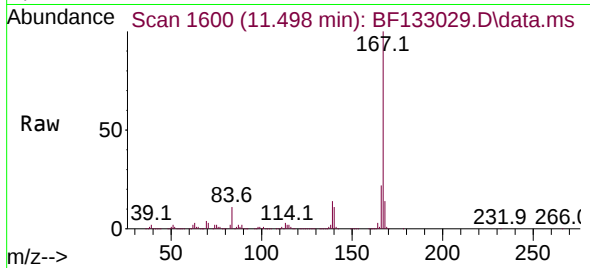
Tgt Ion:178 Resp: 2019303
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 41.939 ng
 RT: 11.498 min Scan# 1600
 Delta R.T. -0.006 min
 Lab File: BF133029.D
 Acq: 25 Apr 2023 13:38

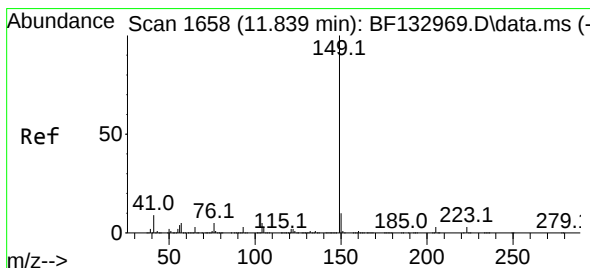
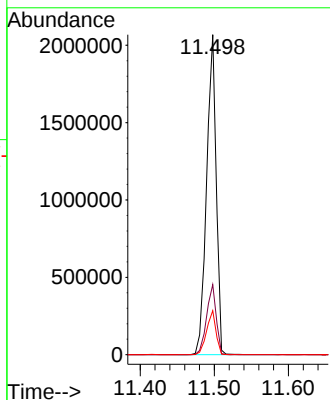
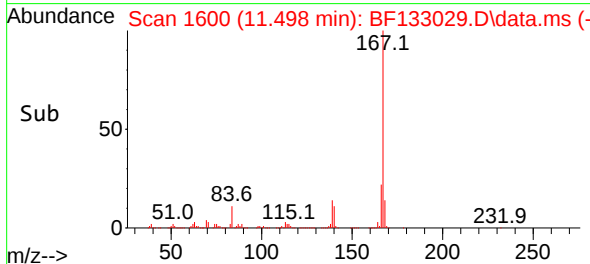
Instrument :
 BNA_F
 ClientSampleId :
 PB152297BSD



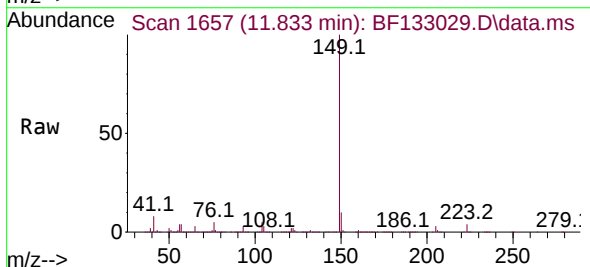
Tgt Ion:167 Resp: 1865245
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.7 10.6 16.0

Manual Integrations
 APPROVED

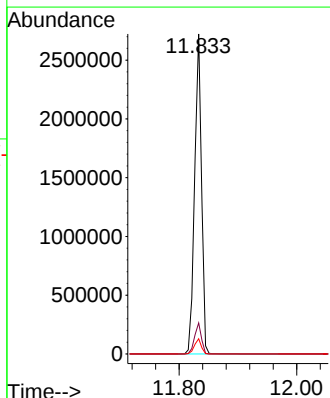
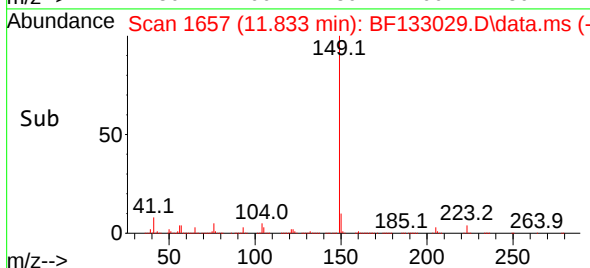
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

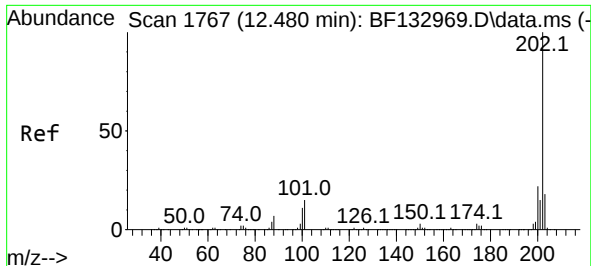


#74
 Di-n-butylphthalate
 Concen: 43.978 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.006 min
 Lab File: BF133029.D
 Acq: 25 Apr 2023 13:38



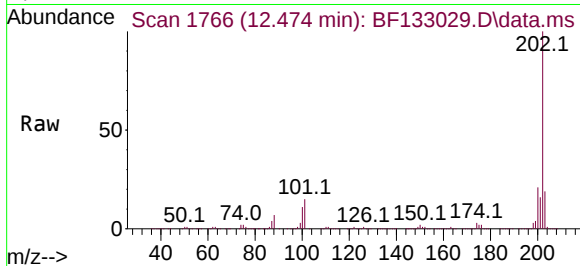
Tgt Ion:149 Resp: 2213465
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 41.598 ng
RT: 12.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

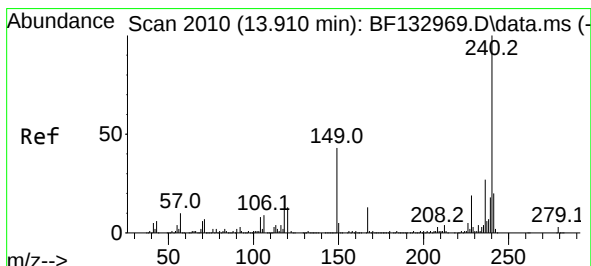
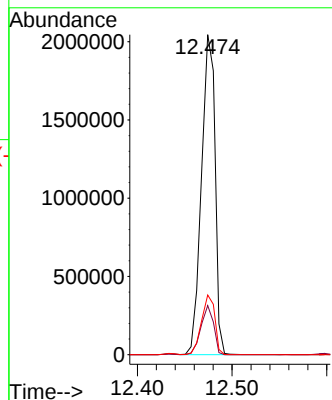
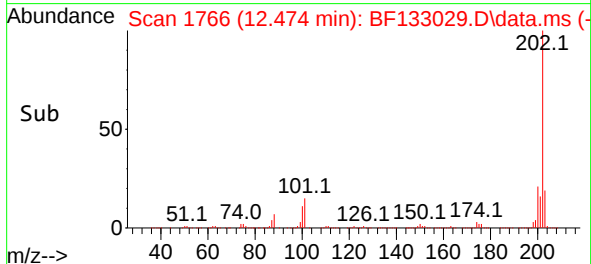
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



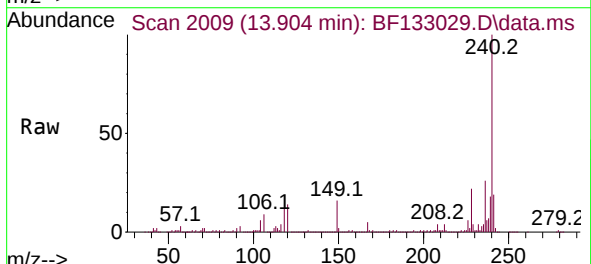
Tgt Ion:202 Resp: 203757
Ion Ratio Lower Upper
202 100
101 15.3 0.0 35.3
203 18.6 0.0 38.1

Manual Integrations
APPROVED

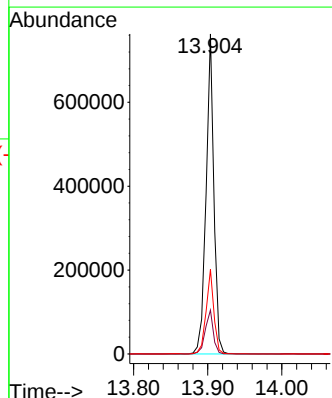
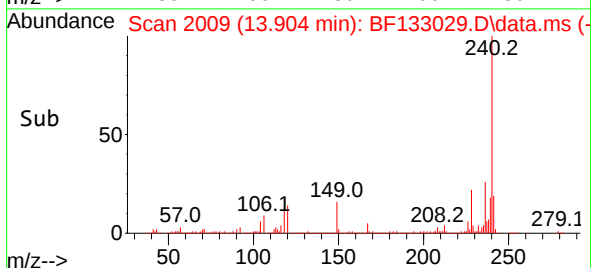
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

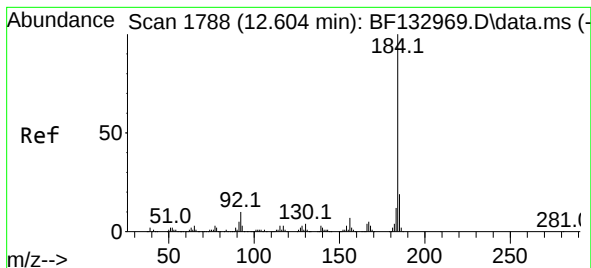


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



Tgt Ion:240 Resp: 560042
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.4 21.5 32.3





#77

Benzidine

Concen: 102.565 ng

RT: 12.598 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:184 Resp: 971354

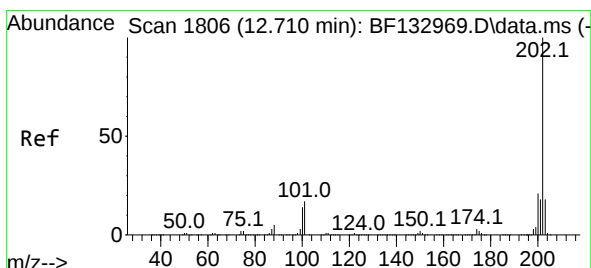
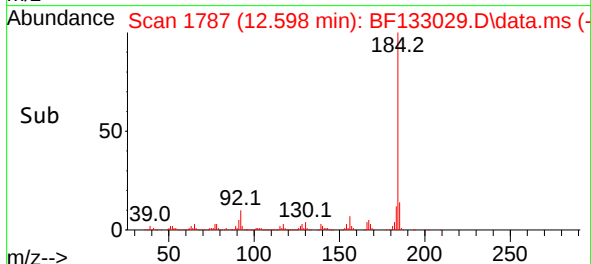
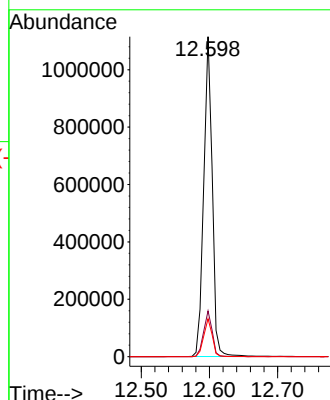
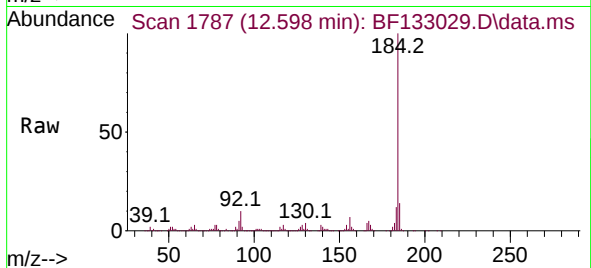
Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.4	23.2
183	11.8	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#78

Pyrene

Concen: 44.112 ng

RT: 12.704 min Scan# 1805

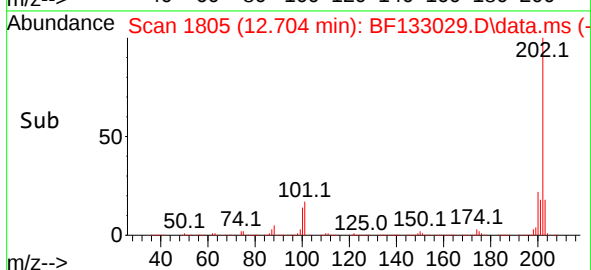
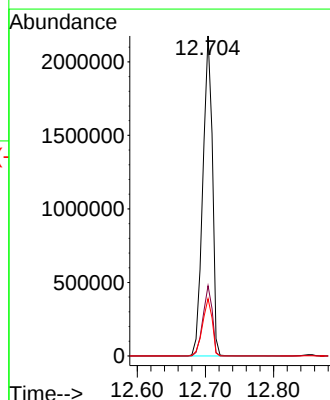
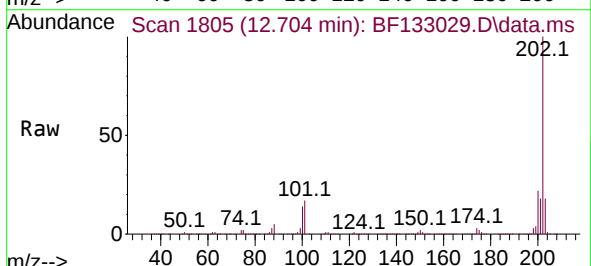
Delta R.T. -0.006 min

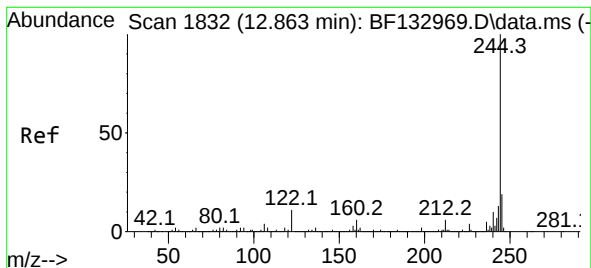
Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Tgt Ion:202 Resp: 2117760

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.1	25.7
203	17.9	14.1	21.1





#79

Terphenyl-d14

Concen: 89.992 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133029.D

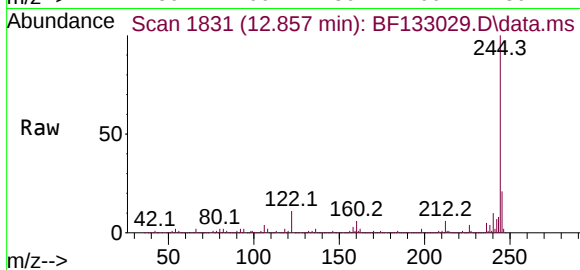
Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD



Tgt Ion:244 Resp: 2922270

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

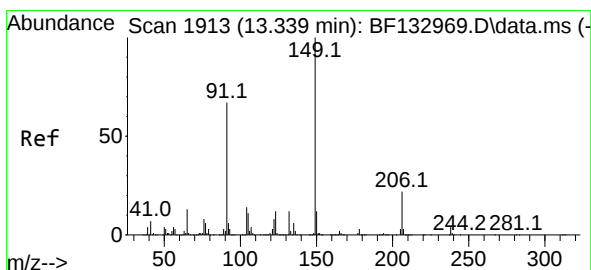
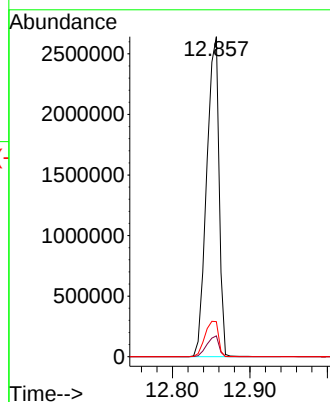
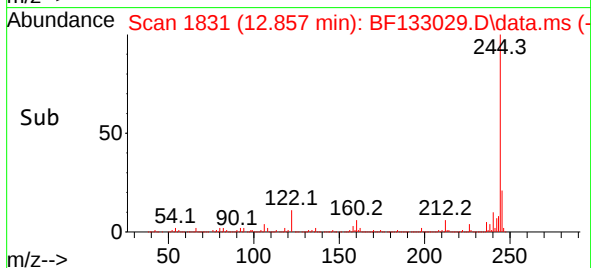
122 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#80

Butylbenzylphthalate

Concen: 53.012 ng

RT: 13.327 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

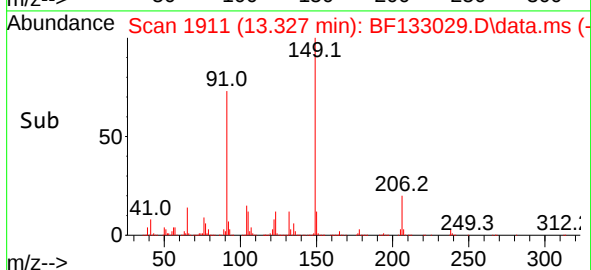
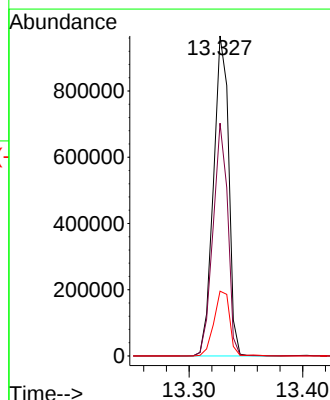
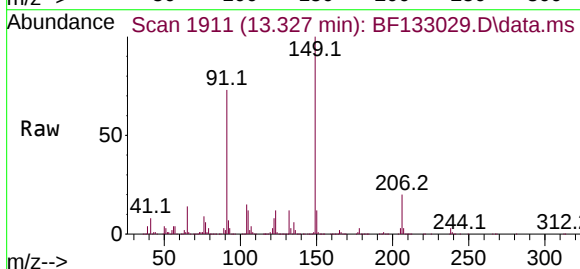
Tgt Ion:149 Resp: 901130

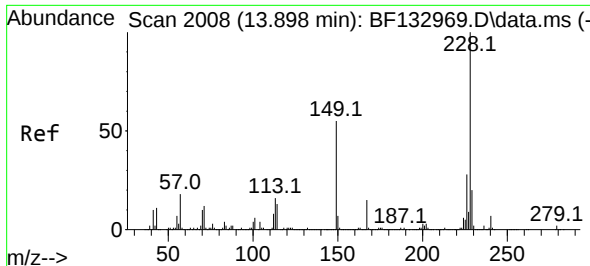
Ion Ratio Lower Upper

149 100

91 72.7 53.8 80.6

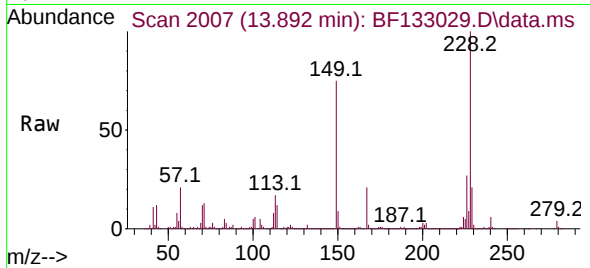
206 20.3 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.397 ng
RT: 13.892 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

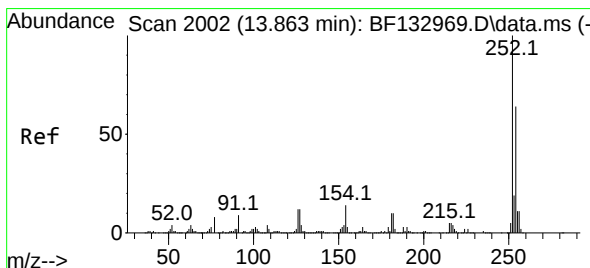
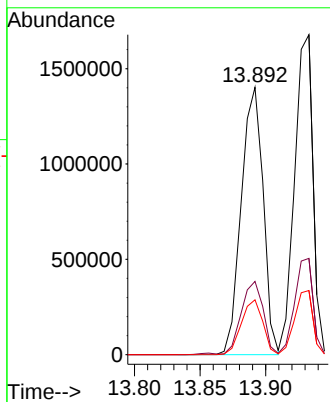
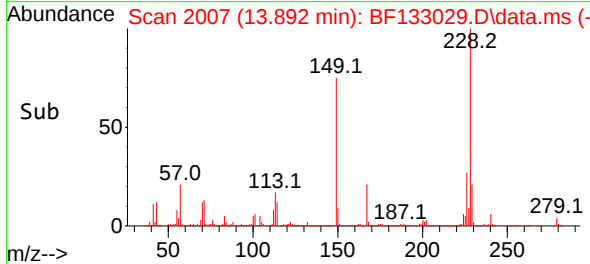
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



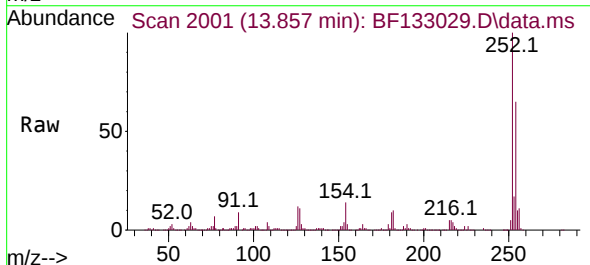
Tgt Ion:228 Resp: 1632818
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.5 16.0 24.0

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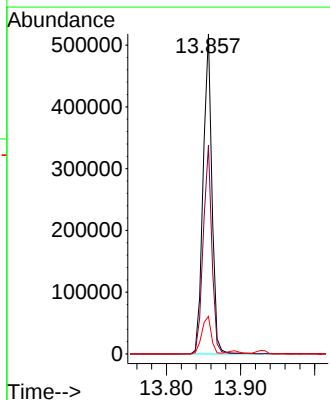
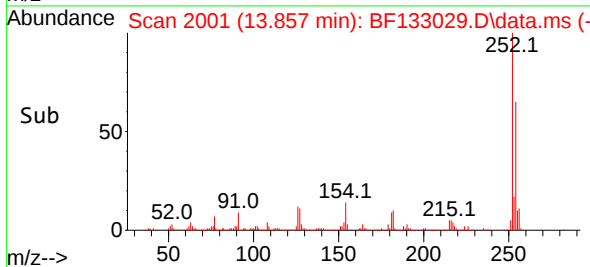
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

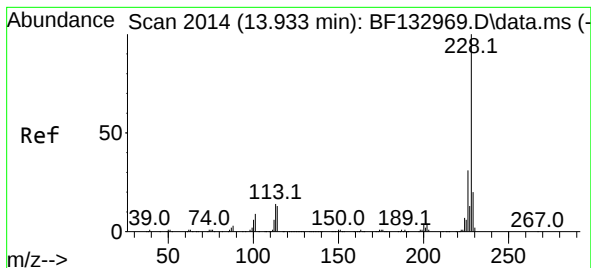


#82
3,3'-Dichlorobenzidine
Concen: 40.258 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38



Tgt Ion:252 Resp: 428313
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 11.7 9.5 14.3





#83

Chrysene

Concen: 42.449 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:228 Resp: 163440

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

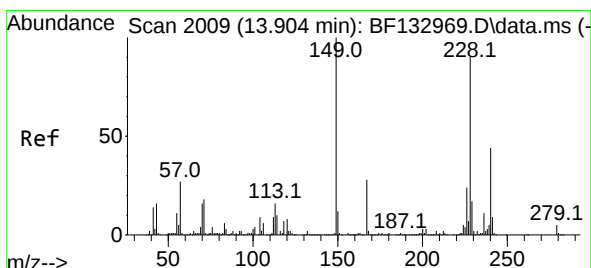
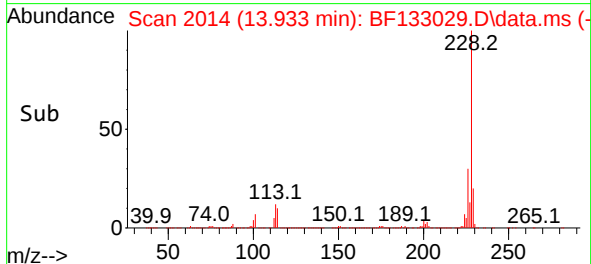
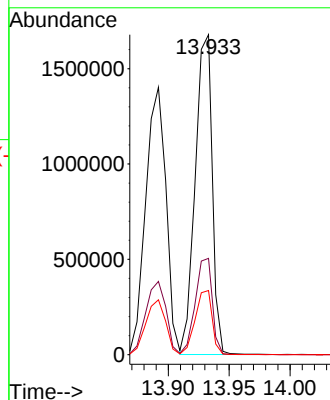
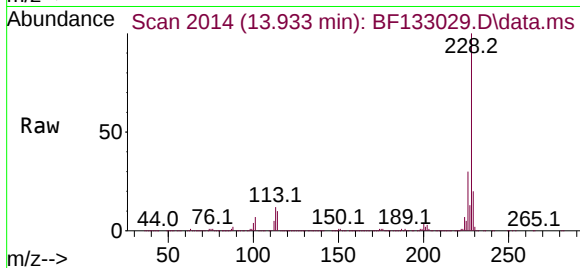
229 20.1 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.212 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

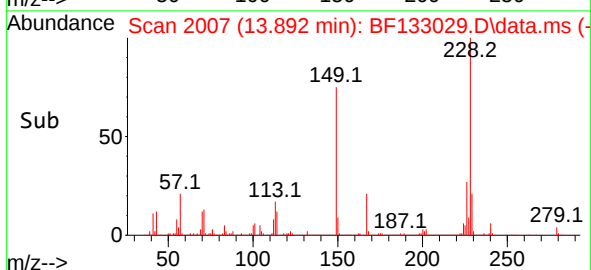
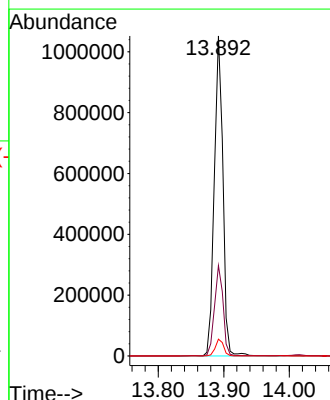
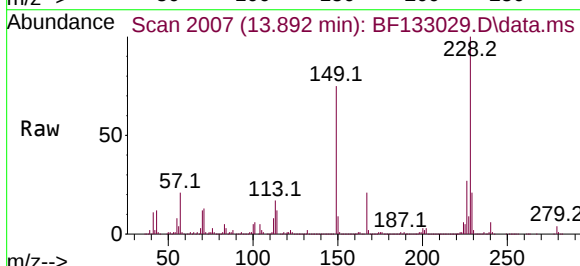
Tgt Ion:149 Resp: 964663

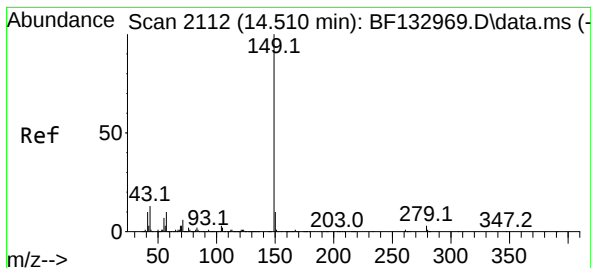
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.728 ng

RT: 14.504 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:149 Resp: 1556070

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

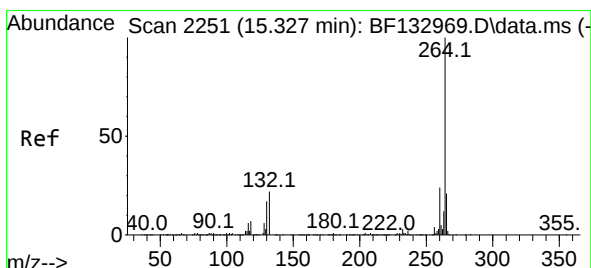
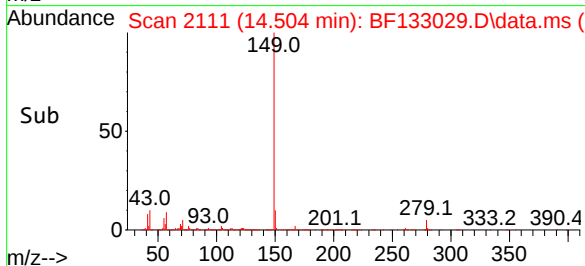
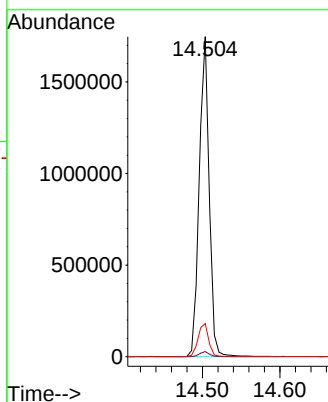
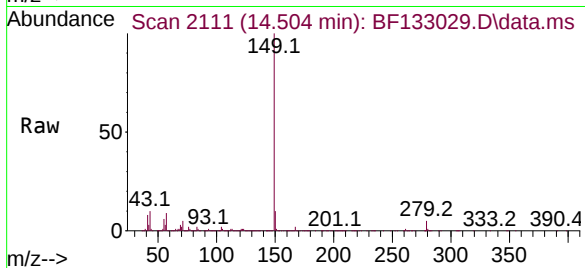
43 11.0 9.5 14.3

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: BF133029.D

Acq: 25 Apr 2023 13:38

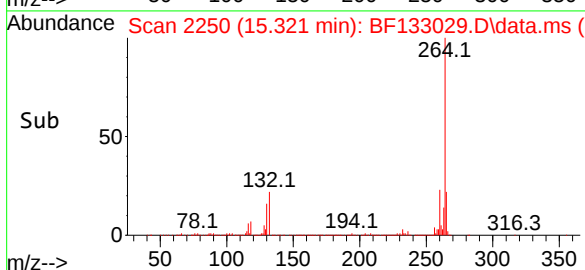
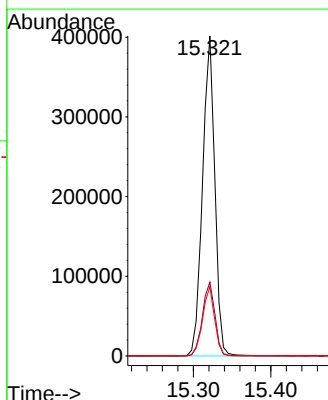
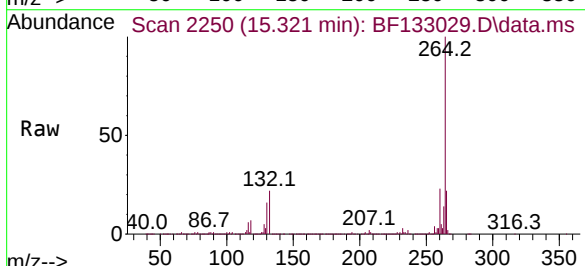
Tgt Ion:264 Resp: 441841

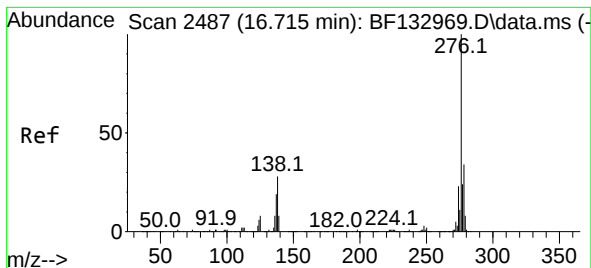
Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.993 ng

RT: 16.709 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

Instrument :

BNA_F

ClientSampleId :

PB152297BSD

Tgt Ion:276 Resp: 1356989

Ion Ratio Lower Upper

276 100

138 31.4 25.5 38.3

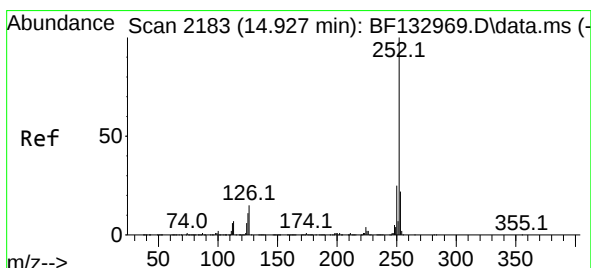
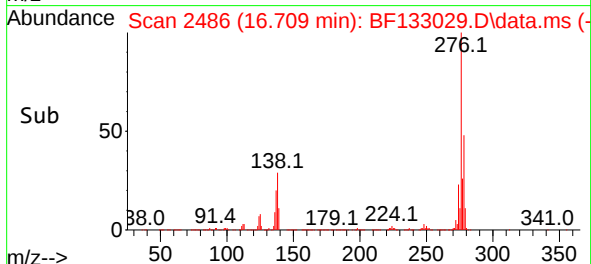
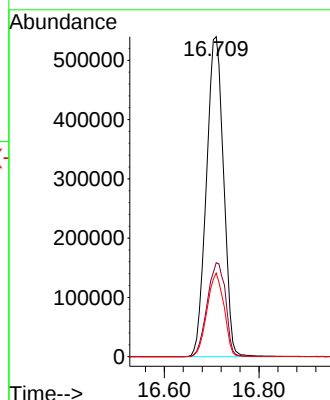
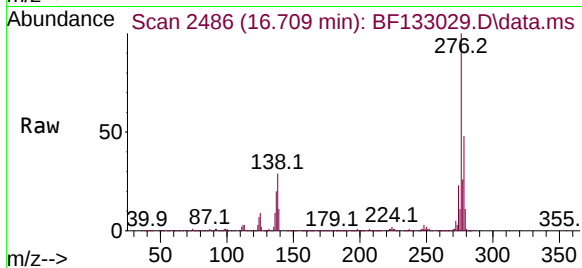
277 25.9 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#88

Benzo(b)fluoranthene

Concen: 50.037 ng

RT: 14.915 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF133029.D

Acq: 25 Apr 2023 13:38

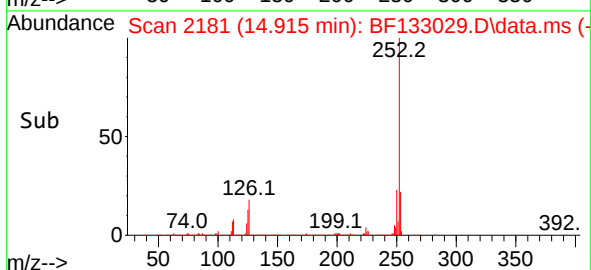
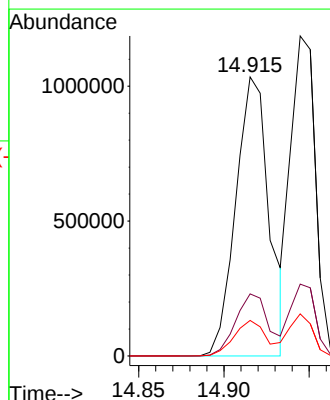
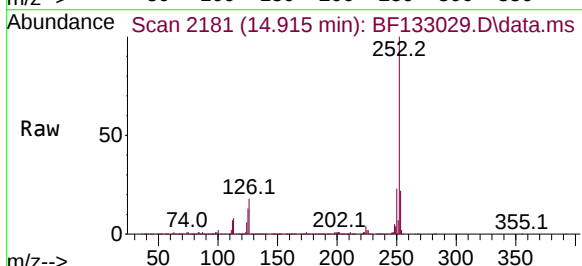
Tgt Ion:252 Resp: 1406515

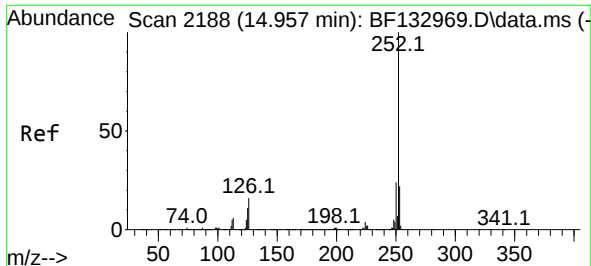
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

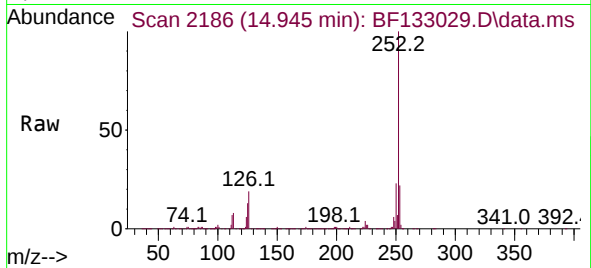
125 12.7 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 43.349 ng
RT: 14.945 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

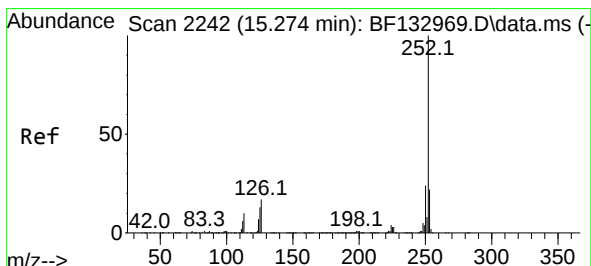
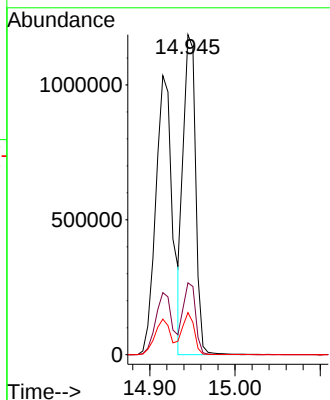
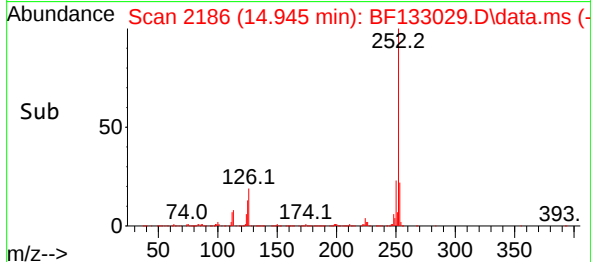
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:252 Resp: 1207900
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 13.2 9.0 13.4

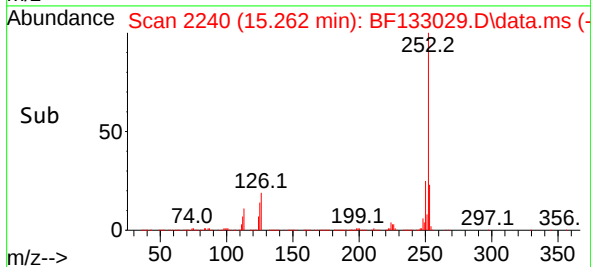
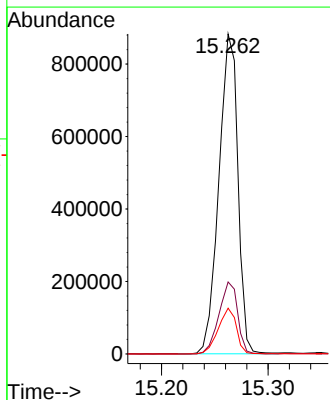
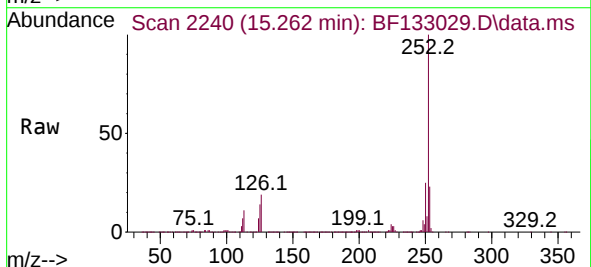
Manual Integrations
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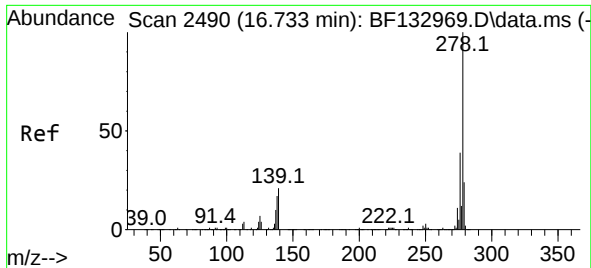
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#90
Benzo(a)pyrene
Concen: 42.699 ng
RT: 15.262 min Scan# 2240
Delta R.T. -0.012 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

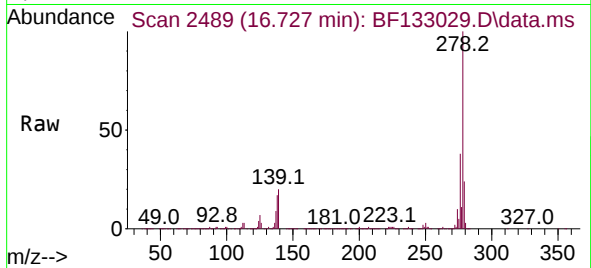
Tgt Ion:252 Resp: 1092481
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 14.3 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 54.819 ng
RT: 16.727 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

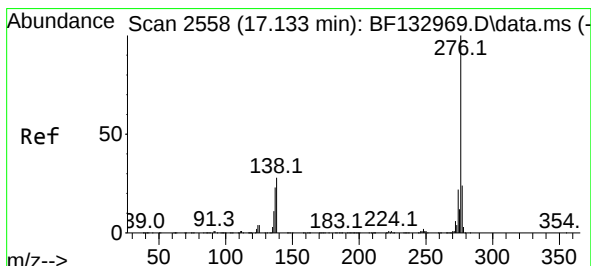
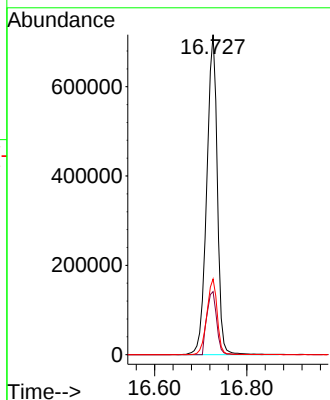
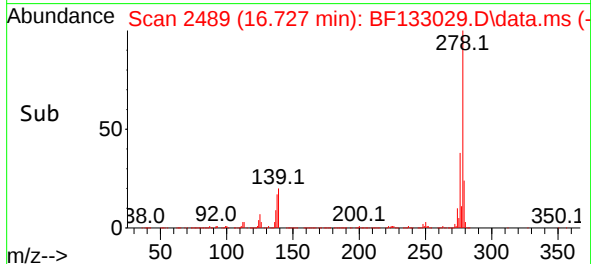
Instrument :
BNA_F
ClientSampleId :
PB152297BSD



Tgt Ion:278 Resp: 1149110
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 23.7 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: 55.453 ng
RT: 17.127 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BF133029.D
Acq: 25 Apr 2023 13:38

Tgt Ion:276 Resp: 1147583
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 29.0 22.7 34.1

