

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133028.D
 Acq On : 25 Apr 2023 13:07
 Operator : CG\JU
 Sample : PB152297BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152297BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 13:44:06 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	238710	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	943399	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	512804	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	908149	20.000	ng	0.00
76) Chrysene-d12	13.904	240	563474	20.000	ng	0.00
86) Perylene-d12	15.321	264	452165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1976353	125.068	ng	0.02
7) Phenol-d6	6.398	99	2365682	120.613	ng	0.01
23) Nitrobenzene-d5	7.316	82	1457109	83.369	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	670724	130.055	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2483369	81.019	ng	0.00
79) Terphenyl-d14	12.857	244	2893179	88.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	254375	34.705	ng	98
3) Pyridine	3.199	79	685132	35.194	ng	96
4) n-Nitrosodimethylamine	3.163	42	406451	40.309	ng	96
6) Aniline	6.410	93	879386	34.811	ng	# 27
8) 2-Chlorophenol	6.534	128	740719	46.167	ng	95
9) Benzaldehyde	6.293	77	412082	49.291	ng	98
10) Phenol	6.410	94	867072	40.072	ng	# 71
11) bis(2-Chloroethyl)ether	6.487	93	714948	44.032	ng	96
12) 1,3-Dichlorobenzene	6.687	146	765169	44.857	ng	100
13) 1,4-Dichlorobenzene	6.763	146	776714	45.433	ng	100
14) 1,2-Dichlorobenzene	6.916	146	744145	47.213	ng	97
15) Benzyl Alcohol	6.898	79	586726	43.305	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1157411	41.040	ng	95
17) 2-Methylphenol	7.010	107	612702	41.704	ng	99
18) Hexachloroethane	7.257	117	259766	43.704	ng	93
19) n-Nitroso-di-n-propyla...	7.175	70	482664	39.528	ng	95
20) 3+4-Methylphenols	7.169	107	689479	39.850	ng	# 75
22) Acetophenone	7.157	105	958193	43.846	ng	# 97
24) Nitrobenzene	7.334	77	725784	40.980	ng	98
25) Isophorone	7.575	82	1385731	41.758	ng	100
26) 2-Nitrophenol	7.651	139	403363	47.219	ng	91
27) 2,4-Dimethylphenol	7.692	122	648548	44.276	ng	99
28) bis(2-Chloroethoxy)met...	7.787	93	815771	41.554	ng	99
29) 2,4-Dichlorophenol	7.892	162	598450	44.879	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	616705	44.642	ng	100
31) Naphthalene	8.057	128	1978515	41.947	ng	99
32) Benzoic acid	7.834	122	492326	54.413	ng	99
33) 4-Chloroaniline	8.104	127	420443	22.062	ng	98
34) Hexachlorobutadiene	8.175	225	338975	44.272	ng	98
35) Caprolactam	8.481	113	218396m	48.754	ng	
36) 4-Chloro-3-methylphenol	8.592	107	669700	46.573	ng	99
37) 2-Methylnaphthalene	8.745	142	1339142	41.528	ng	99
38) 1-Methylnaphthalene	8.845	142	1249280	41.413	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	557673	40.447	ng	99
41) Hexachlorocyclopentadiene	8.904	237	765975	95.257	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	411452	43.151	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	444897	40.343	ng	98
46) 1,1'-Biphenyl	9.210	154	1643100	40.408	ng	99
47) 2-Chloronaphthalene	9.234	162	1252599	42.086	ng	100
48) 2-Nitroaniline	9.328	65	407466	41.424	ng	97
49) Acenaphthylene	9.645	152	1943861	40.875	ng	99
50) Dimethylphthalate	9.516	163	1493429	41.766	ng	99
51) 2,6-Dinitrotoluene	9.569	165	353201	43.887	ng	98
52) Acenaphthene	9.822	154	1431669m	44.949	ng	
53) 3-Nitroaniline	9.739	138	295104	30.839	ng	99
54) 2,4-Dinitrophenol	9.845	184	426663	105.472	ng	96
55) Dibenzofuran	9.992	168	1731594	39.855	ng	98
56) 4-Nitrophenol	9.910	139	672256	90.705	ng	93
57) 2,4-Dinitrotoluene	9.975	165	469754	45.770	ng	92
58) Fluorene	10.334	166	1272108	39.964	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	376972	44.093	ng	98
60) Diethylphthalate	10.216	149	1400738	41.473	ng	98
61) 4-Chlorophenyl-phenyle...	10.328	204	620299	39.988	ng	98
62) 4-Nitroaniline	10.357	138	408545	46.452	ng	99
63) Azobenzene	10.486	77	1430587	39.984	ng	98
65) 4,6-Dinitro-2-methylph...	10.381	198	273599	49.705	ng	79
66) n-Nitrosodiphenylamine	10.445	169	1205835	40.934	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	416774	42.315	ng	97
68) Hexachlorobenzene	10.881	284	451967	44.782	ng	100
69) Atrazine	10.975	200	411954	48.533	ng	99
70) Pentachlorophenol	11.075	266	562551	78.264	ng	97
71) Phenanthrene	11.292	178	1971608	40.393	ng	100
72) Anthracene	11.345	178	1987693	39.792	ng	99
73) Carbazole	11.498	167	1852702	41.654	ng	99
74) Di-n-butylphthalate	11.833	149	2218391	44.073	ng	100
75) Fluoranthene	12.475	202	2045008	41.746	ng	100
77) Benzidine	12.598	184	970818	101.884	ng	# 93
78) Pyrene	12.704	202	2079410	43.050	ng	98
80) Butylbenzylphthalate	13.327	149	887311	51.881	ng	93
81) Benzo(a)anthracene	13.892	228	1634929	42.194	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	428702	40.050	ng	99
83) Chrysene	13.933	228	1618846	41.789	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	964154	44.913	ng	100
85) Di-n-octyl phthalate	14.504	149	1553680	44.387	ng	98
87) Indeno(1,2,3-cd)pyrene	16.710	276	1378555	53.598	ng	100
88) Benzo(b)fluoranthene	14.916	252	1447687m	50.326	ng	
89) Benzo(k)fluoranthene	14.945	252	1207217	42.335	ng	98
90) Benzo(a)pyrene	15.263	252	1112233	42.479	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	1151718	53.689	ng	99
92) Benzo(g,h,i)perylene	17.127	276	1164586	54.989	ng	99

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

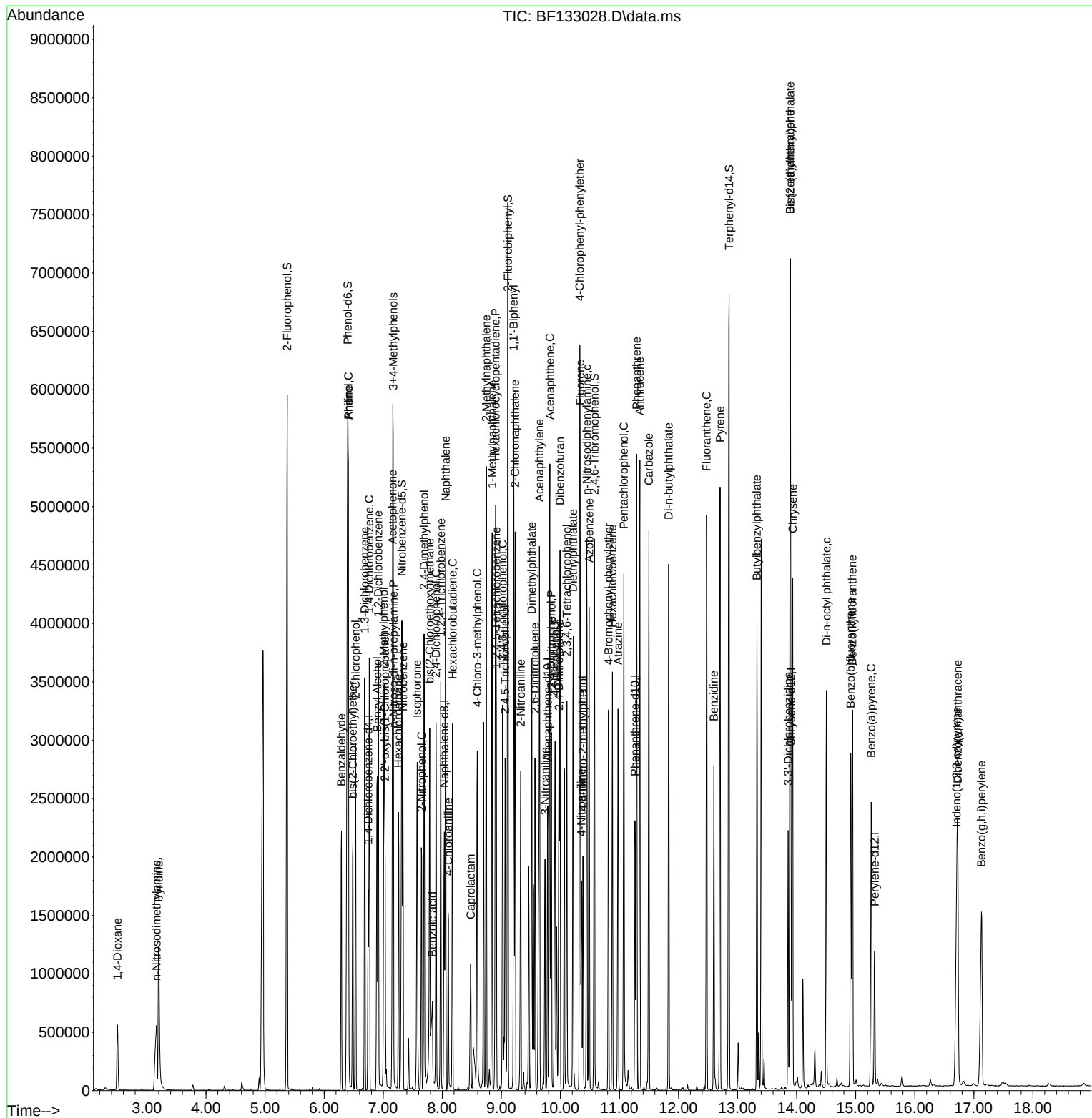
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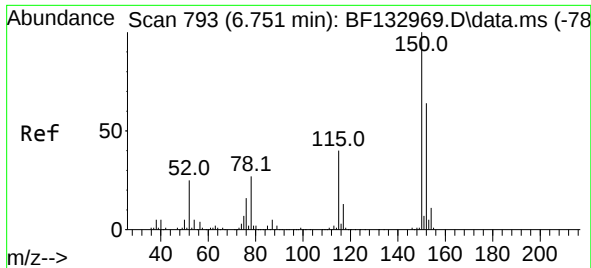
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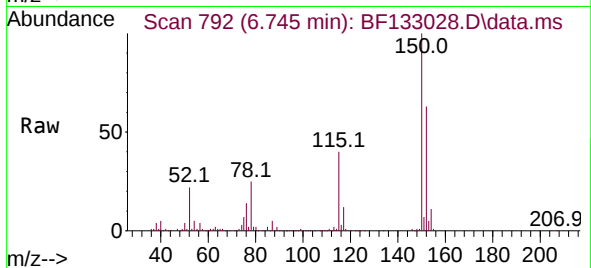
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

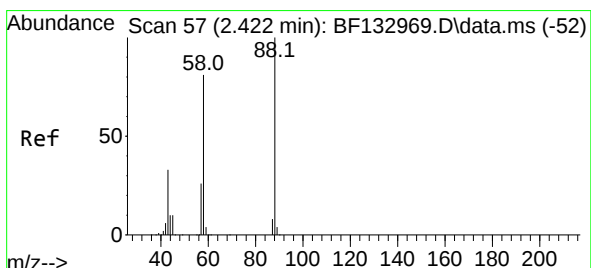
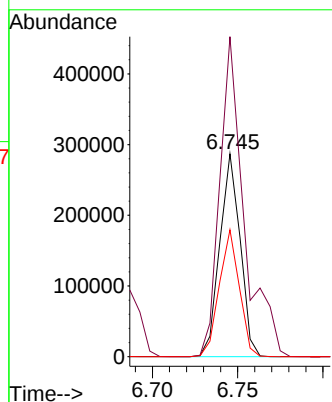
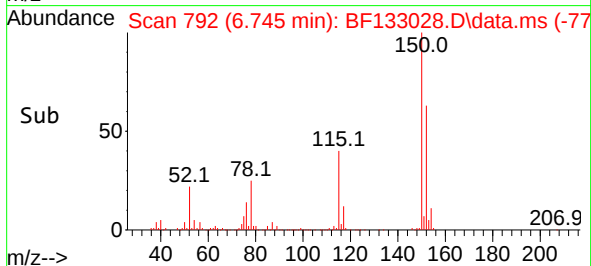


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Ion Ratio Lower Upper
152 100
150 157.7 124.8 187.2
115 62.5 49.9 74.9

Manual Integrations

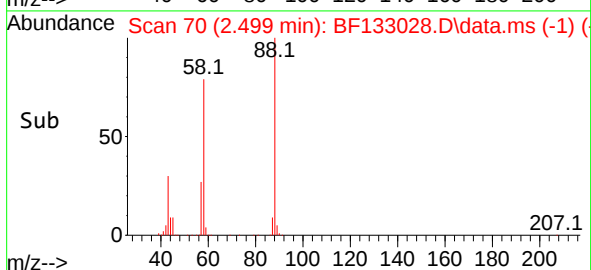
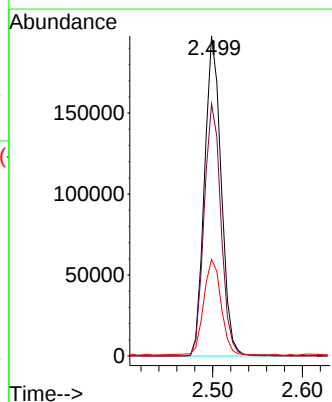
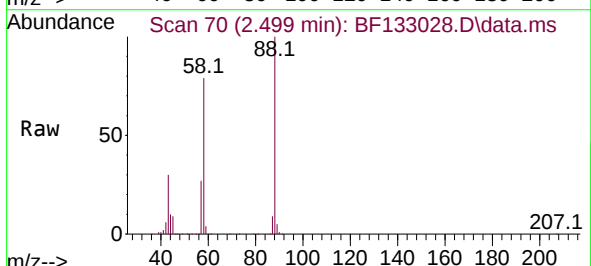
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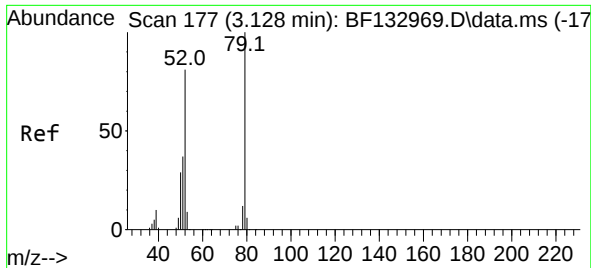
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#2
1,4-Dioxane
Concen: 34.705 ng
RT: 2.499 min Scan# 70
Delta R.T. 0.077 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

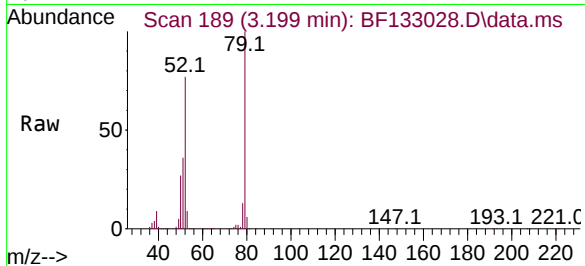
Tgt Ion: 88 Resp: 254375
Ion Ratio Lower Upper
88 100
58 79.7 64.7 97.1
43 30.9 26.2 39.2





#3
Pyridine
Concen: 35.194 ng
RT: 3.199 min Scan# 181
Delta R.T. 0.071 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

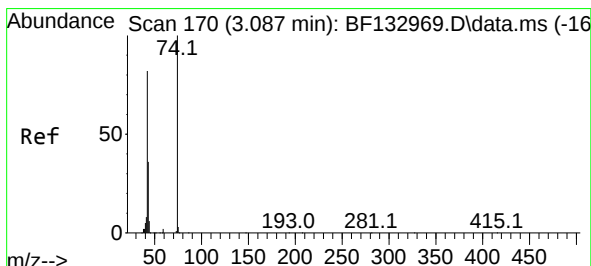
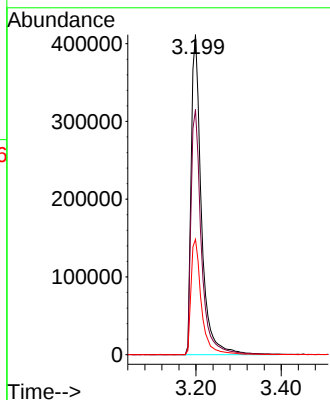
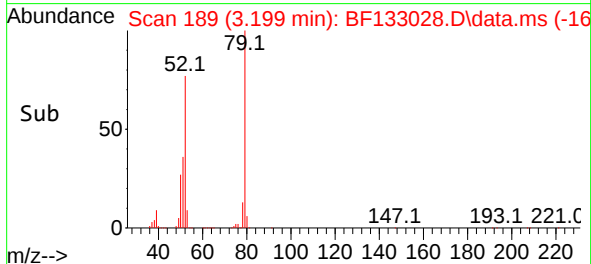
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ClientSampleId :
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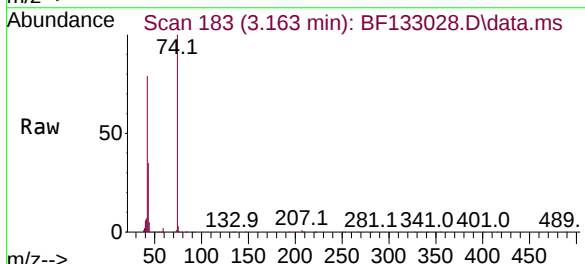
Tgt Ion: 79 Resp: 685132
Ion Ratio Lower Upper
79 100
52 76.6 64.6 96.8
51 36.0 30.0 45.0

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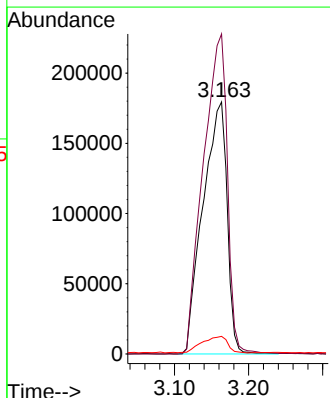
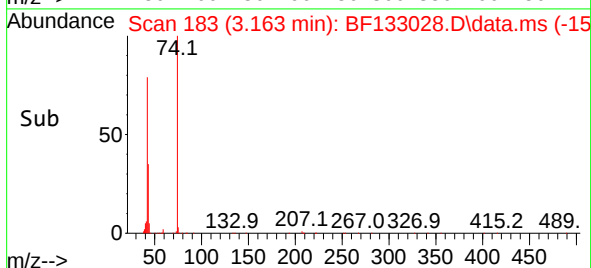
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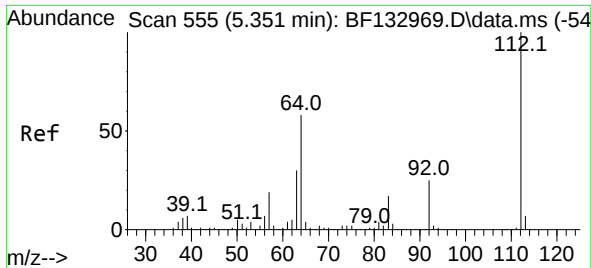


#4
n-Nitrosodimethylamine
Concen: 40.309 ng
RT: 3.163 min Scan# 183
Delta R.T. 0.077 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



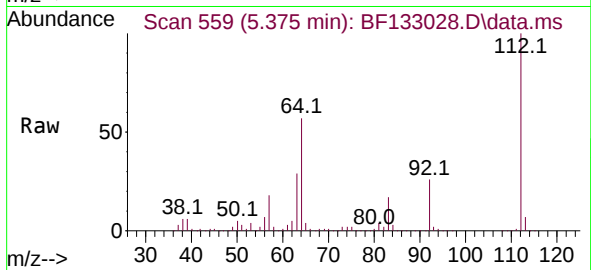
Tgt Ion: 42 Resp: 406451
Ion Ratio Lower Upper
42 100
74 127.0 98.0 147.0
44 7.0 5.8 8.8





#5
2-Fluorophenol
Concen: 125.068 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

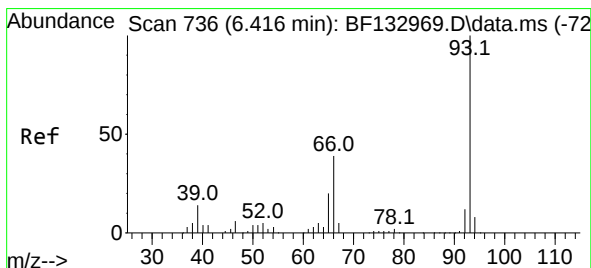
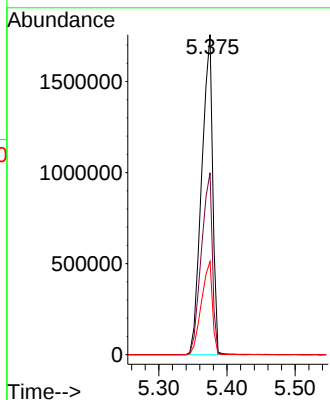
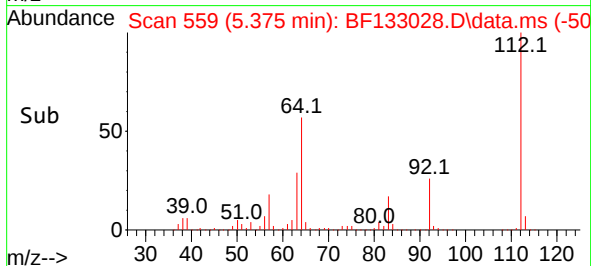
Instrument :
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Tgt Ion:112 Resp: 197635
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.1 23.8 35.8

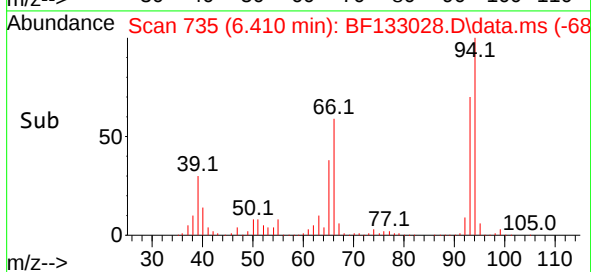
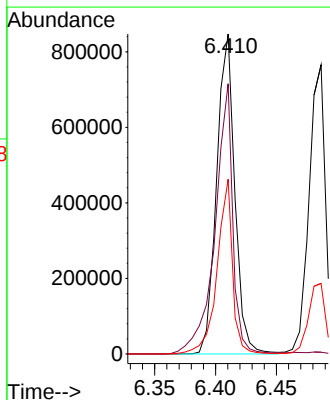
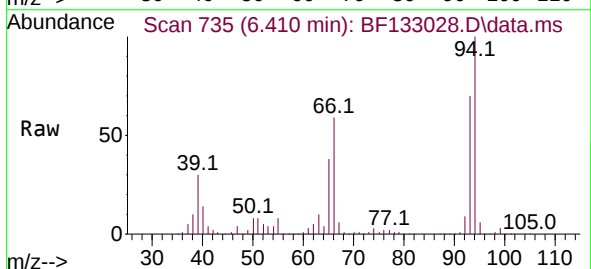
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#6
Aniline
Concen: 34.811 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

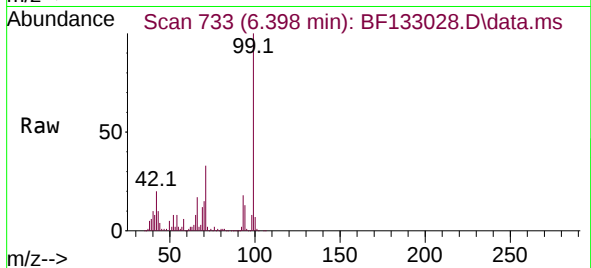
Tgt Ion: 93 Resp: 879386
Ion Ratio Lower Upper
93 100
66 84.4 31.5 47.3#
65 54.6 16.4 24.6#





#7
Phenol-d6
Concen: 120.613 ng
RT: 6.398 min Scan# 713
Delta R.T. 0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

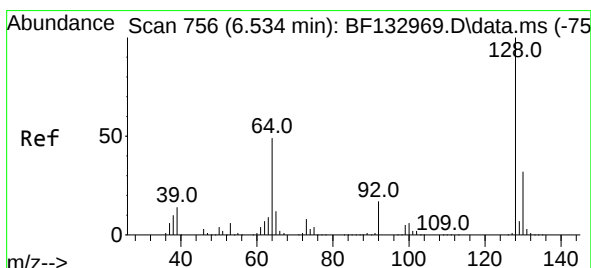
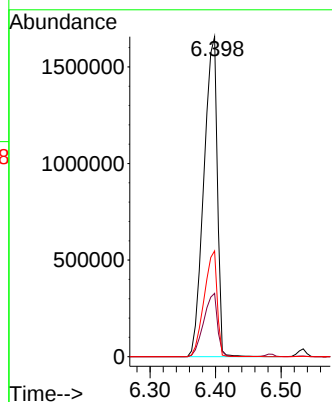
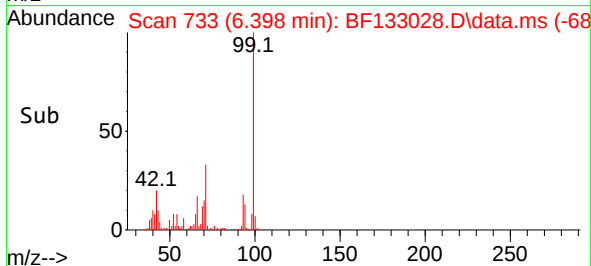
Instrument :
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Tgt Ion: 99 Resp: 236568
Ion Ratio Lower Upper
99 100
42 19.8 16.3 24.5
71 33.0 25.6 38.4

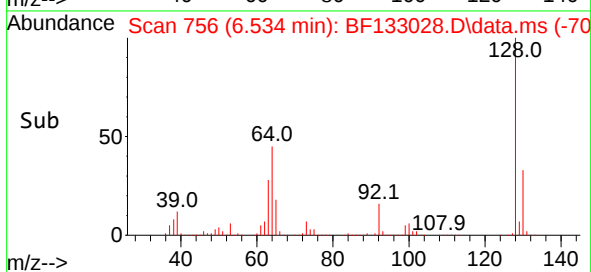
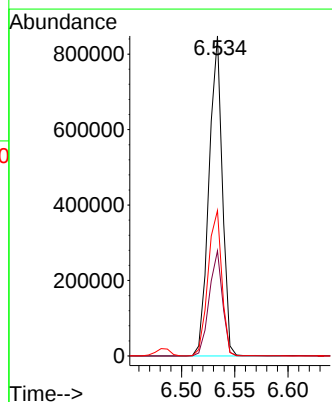
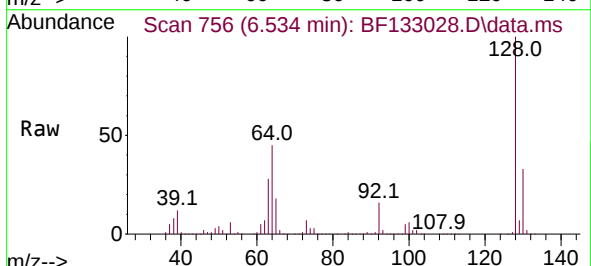
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#8
2-Chlorophenol
Concen: 46.167 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

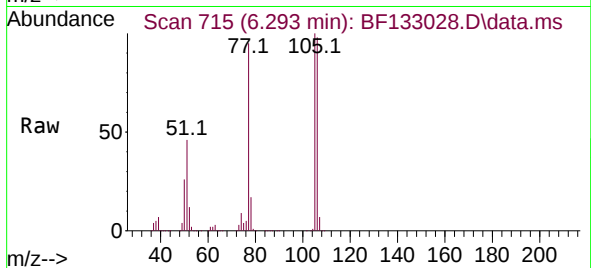
Tgt Ion:128 Resp: 740719
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 45.4 30.3 70.3





#9
Benzaldehyde
Concen: 49.291 ng
RT: 6.293 min Scan# 716
Delta R.T. -0.005 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

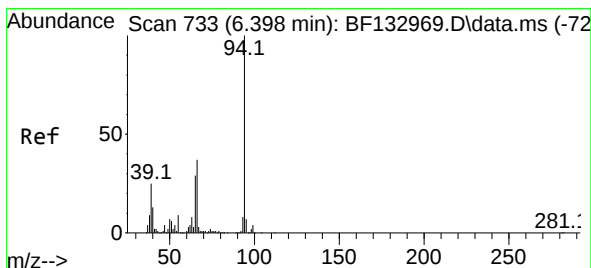
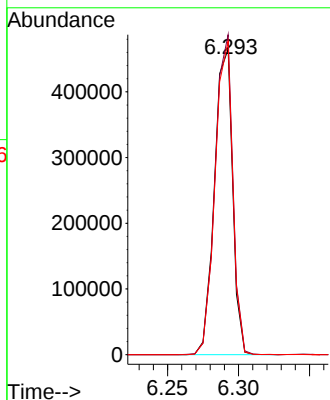
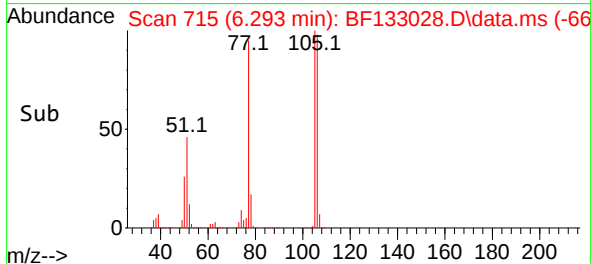
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Tgt Ion: 77 Resp: 41208
Ion Ratio Lower Upper
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105 104.8 82.3 122.3
106 102.6 80.8 120.8

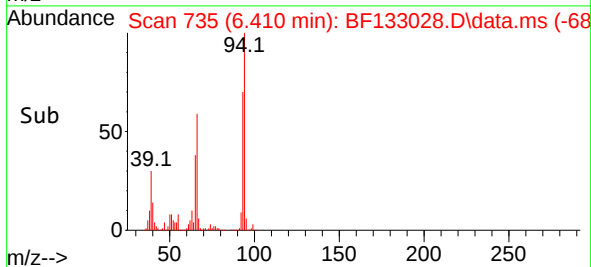
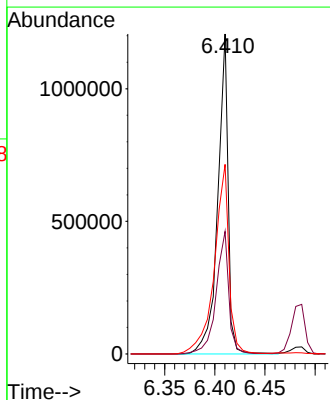
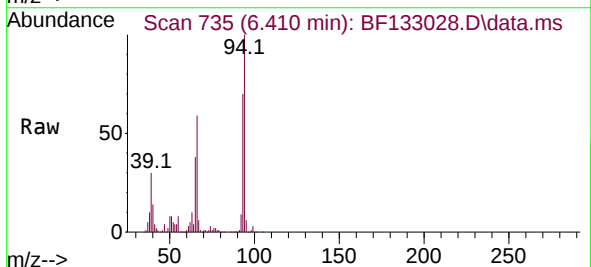
Manual Integrations
APPROVED

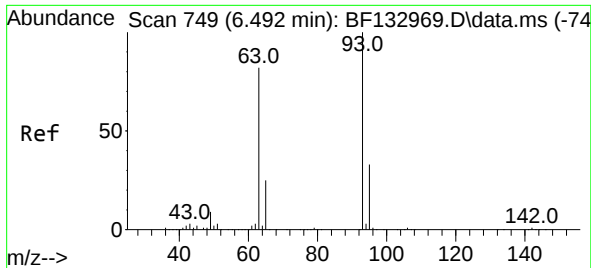
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#10
Phenol
Concen: 40.072 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

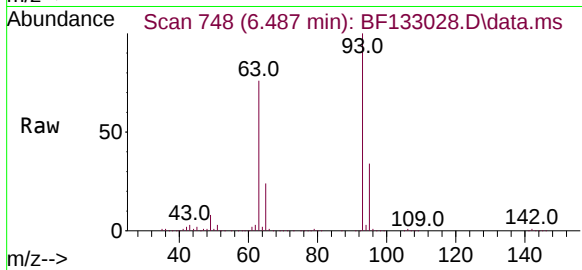
Tgt Ion: 94 Resp: 867072
Ion Ratio Lower Upper
94 100
65 38.3 8.6 48.6
66 59.3 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 44.032 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

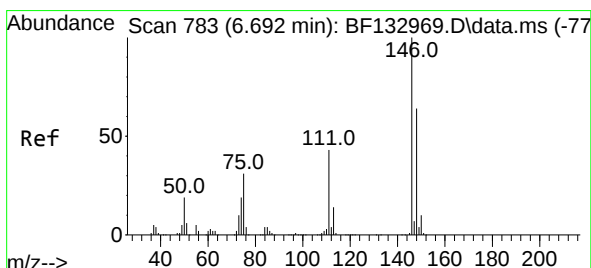
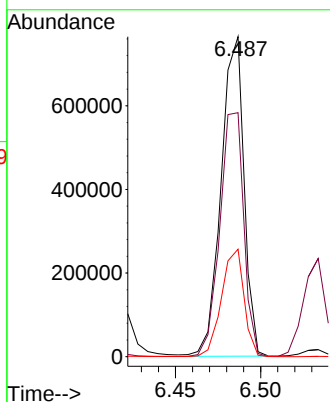
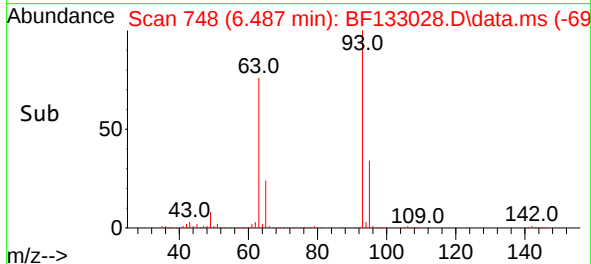
Instrument :
BNA_F
ClientSampleId :
PB152297BS



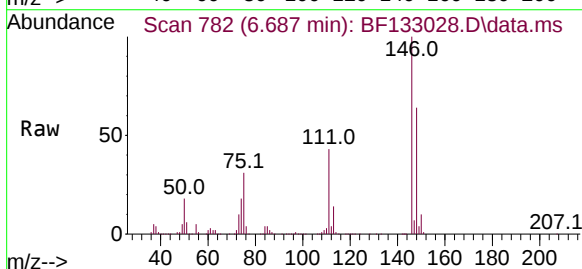
Tgt Ion: 93 Resp: 714948
Ion Ratio Lower Upper
93 100
63 76.3 60.6 100.6
95 33.6 12.9 52.9

Manual Integrations
APPROVED

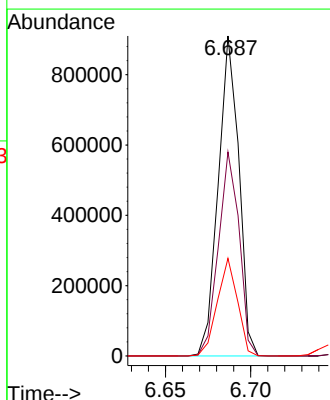
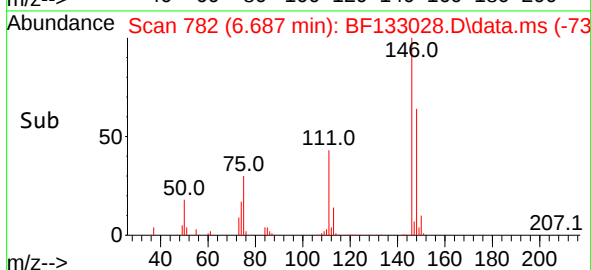
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

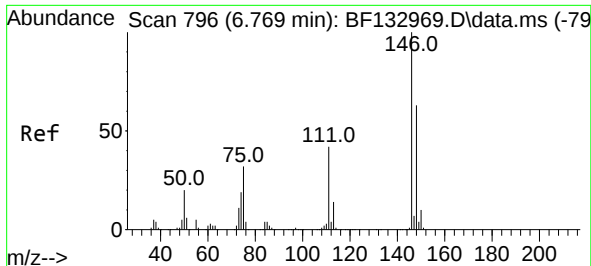


#12
1,3-Dichlorobenzene
Concen: 44.857 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



Tgt Ion:146 Resp: 765169
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.5 24.8 37.2





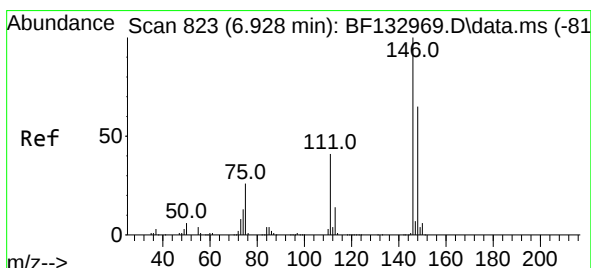
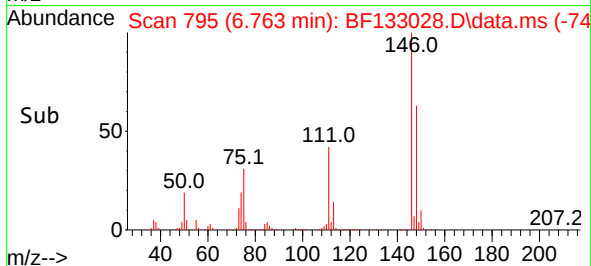
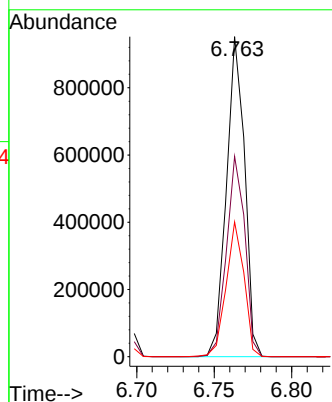
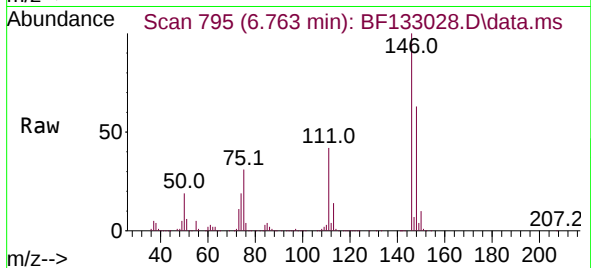
#13
1,4-Dichlorobenzene
Concen: 45.433 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :
BNA_F
ClientSampleId :
PB152297BS

Tgt Ion:146 Resp: 776714
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
111 42.1 33.8 50.6

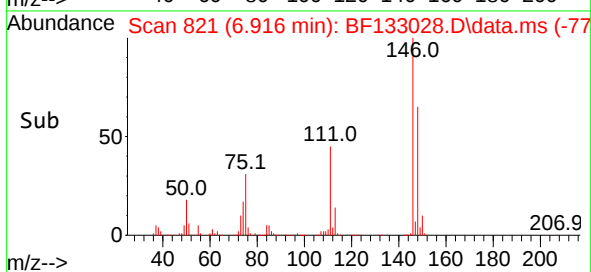
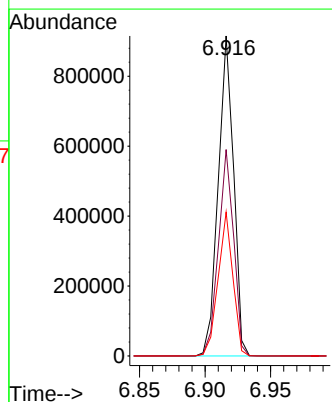
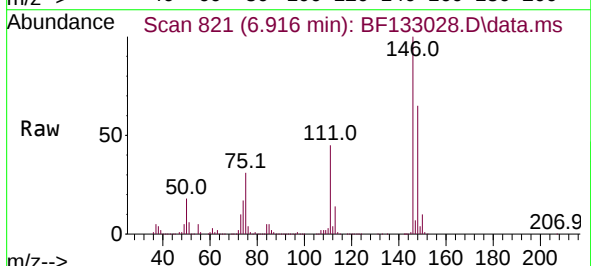
Manual Integrations
APPROVED

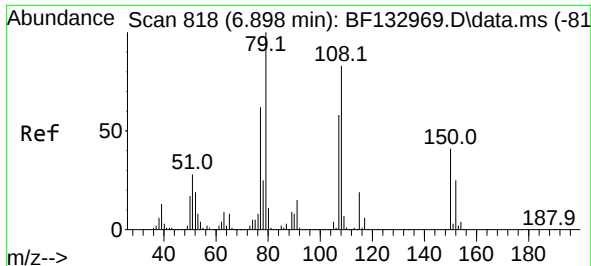
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#14
1,2-Dichlorobenzene
Concen: 47.213 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

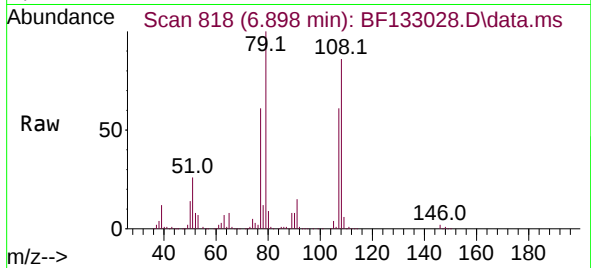
Tgt Ion:146 Resp: 744145
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.2
111 44.9 32.8 49.2





#15
Benzyl Alcohol
Concen: 43.305 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

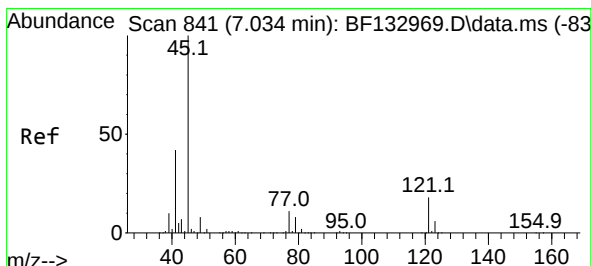
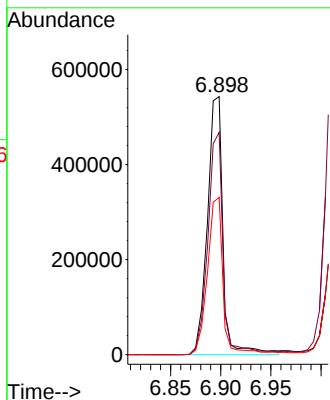
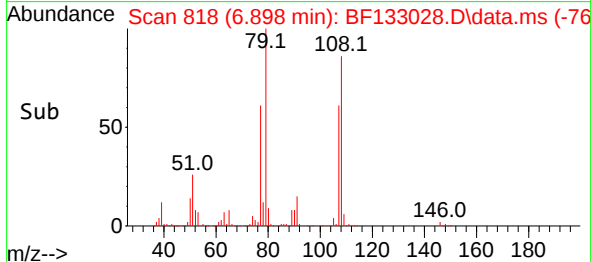
Instrument :
BNA_F
ClientSampleId :
PB152297BS



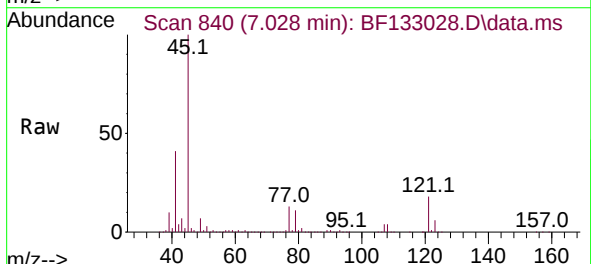
Tgt Ion: 79 Resp: 586720
Ion Ratio Lower Upper
79 100
108 86.1 66.6 99.8
77 60.9 49.2 73.8

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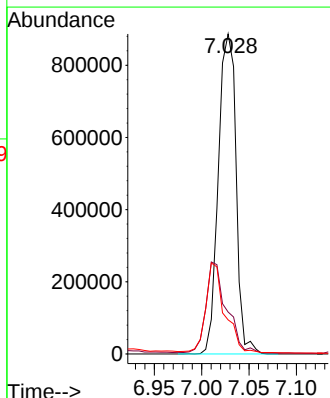
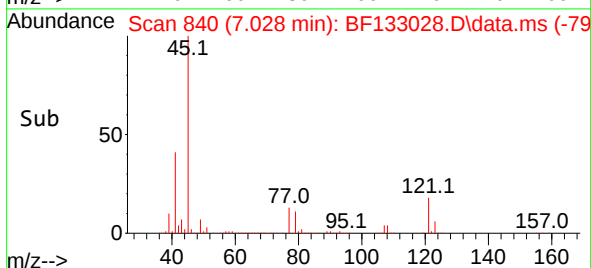
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

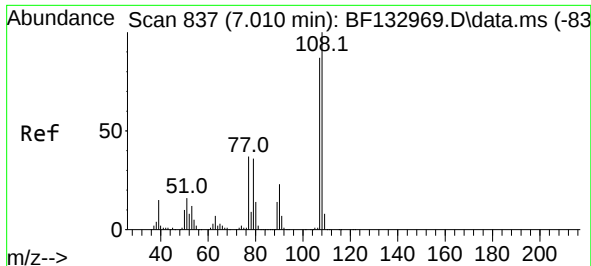


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.040 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



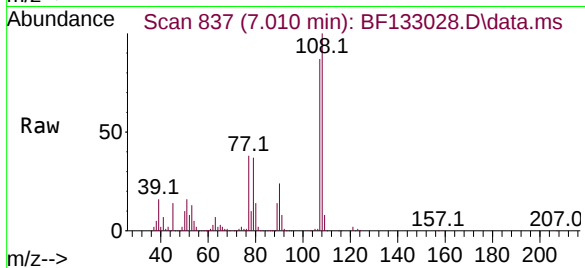
Tgt Ion: 45 Resp: 1157411
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 10.7 0.0 28.7





#17
2-Methylphenol
Concen: 41.704 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

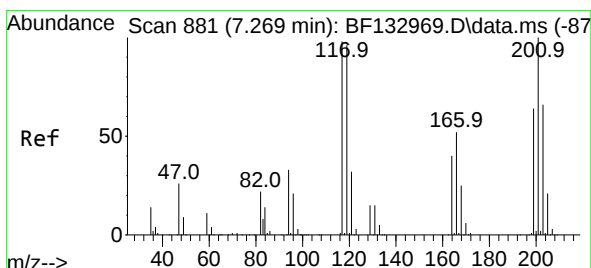
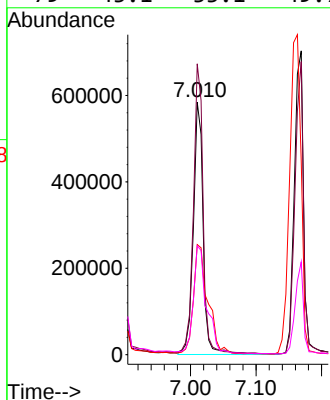
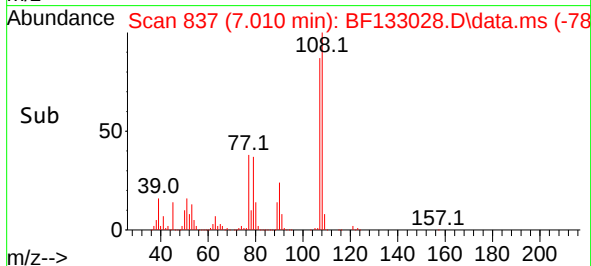
Instrument :
BNA_F
ClientSampleId :
PB152297BS



Tgt Ion:	107	Resp:	612702
Ion Ratio	Lower	Upper	
107	100		
108	115.2	92.4	138.6
77	43.6	33.8	50.8
79	43.1	33.1	49.7

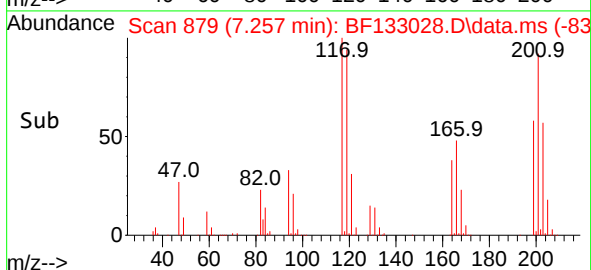
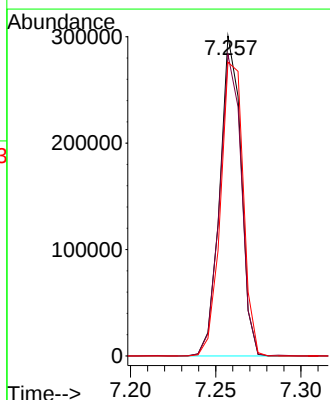
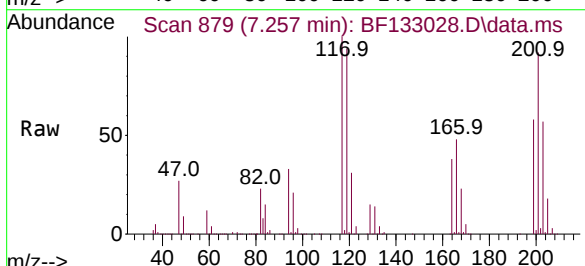
Manual Integrations
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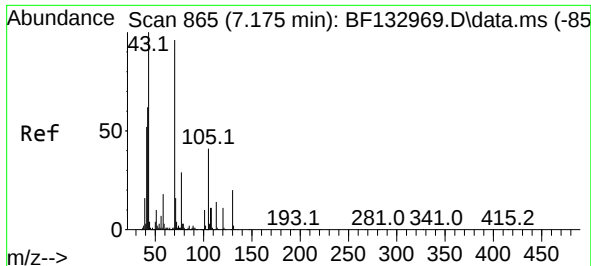
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#18
Hexachloroethane
Concen: 43.704 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:	117	Resp:	259766
Ion Ratio	Lower	Upper	
117	100		
119	94.2	78.2	117.4
201	91.8	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.528 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

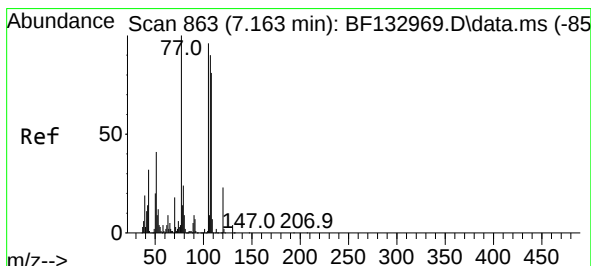
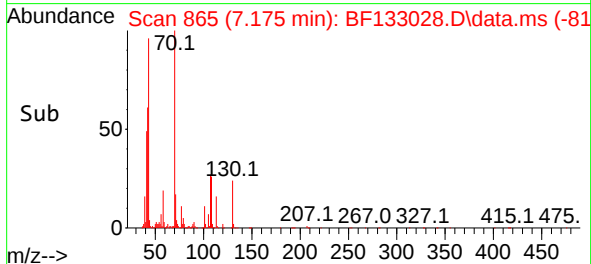
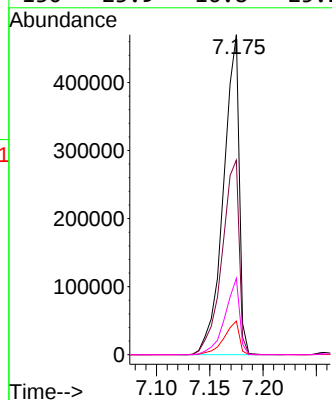
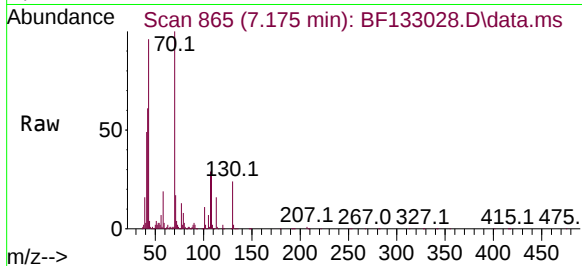
ClientSampleId :

PB152297BS

Tgt Ion: 70 Resp: 482664
Ion Ratio Lower Upper
70 100
42 60.8 51.8 77.6
101 10.5 8.0 12.0
130 23.9 16.8 25.2

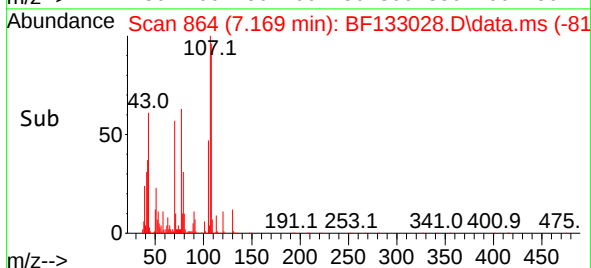
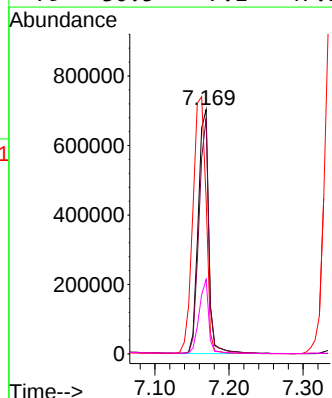
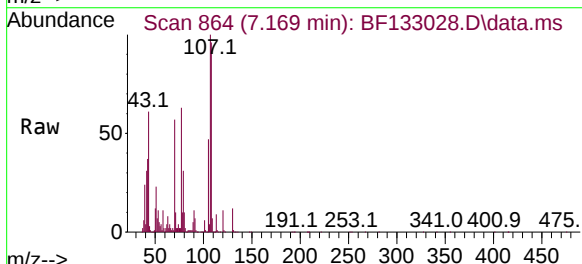
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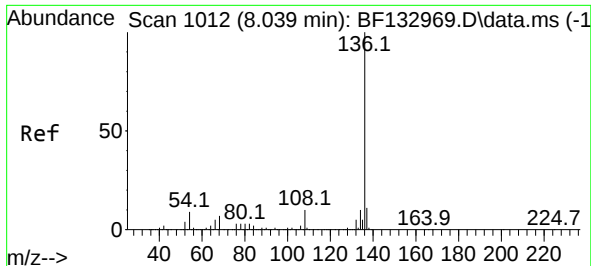
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#20
3+4-Methylphenols
Concen: 39.850 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:107 Resp: 689479
Ion Ratio Lower Upper
107 100
108 96.5 70.5 110.5
77 63.5 91.7 131.7#
79 30.5 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

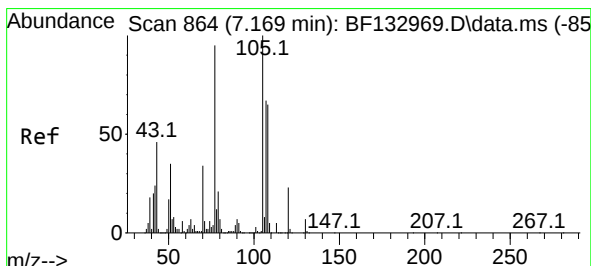
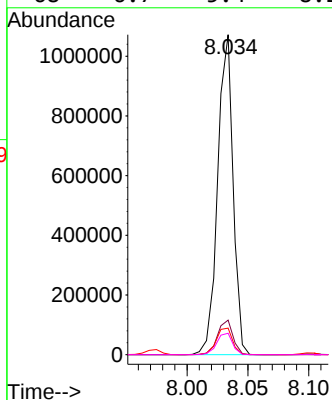
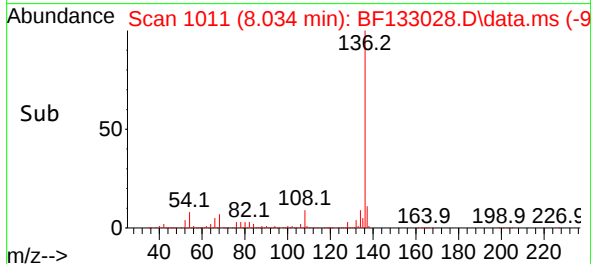
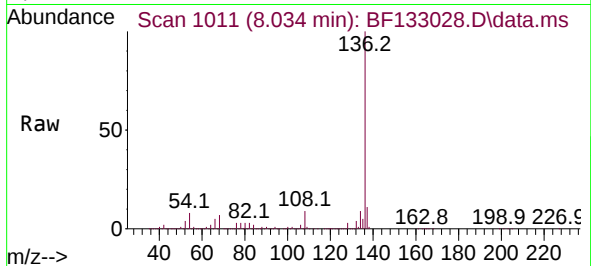
ClientSampleId :

PB152297BS

Tgt Ion:136 Resp: 943395
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 7.0 10.4
68 6.7 5.4 8.2

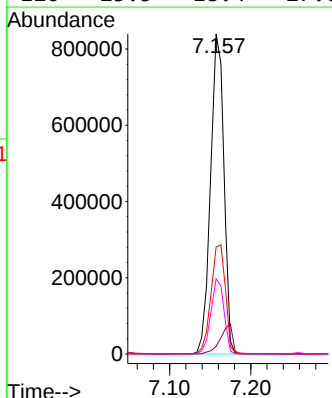
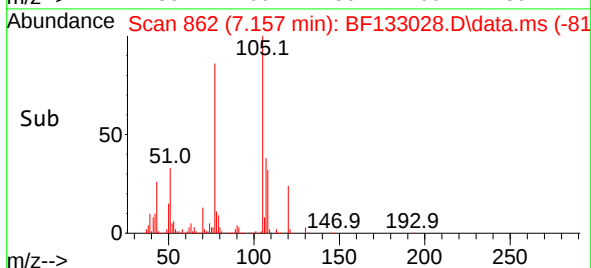
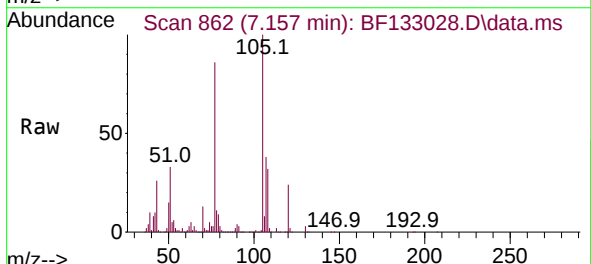
Manual Integrations
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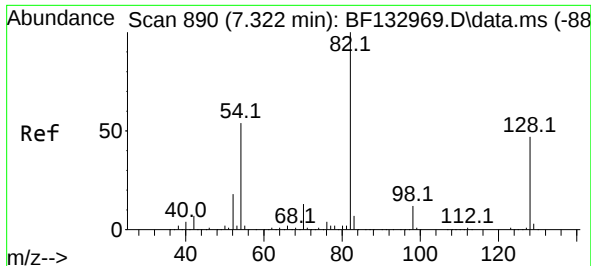
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 43.846 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:105 Resp: 958193
Ion Ratio Lower Upper
105 100
71 2.4 4.6 7.0#
51 33.4 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 83.369 ng

RT: 7.316 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

Tgt Ion: 82 Resp: 1457109

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

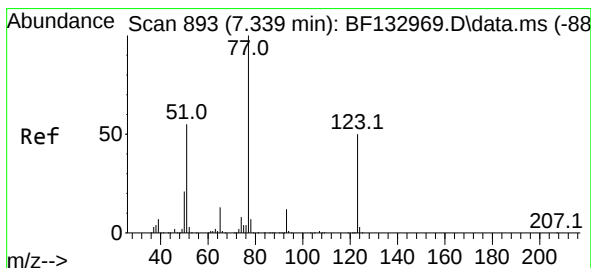
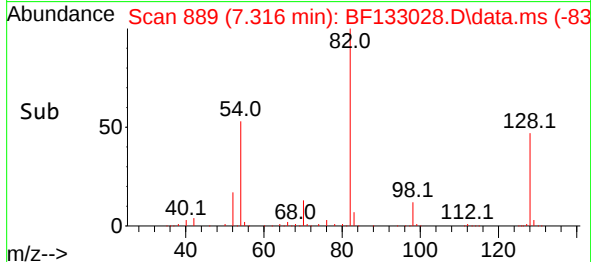
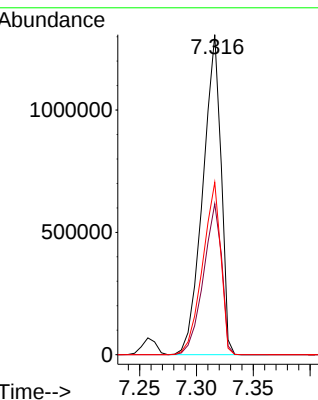
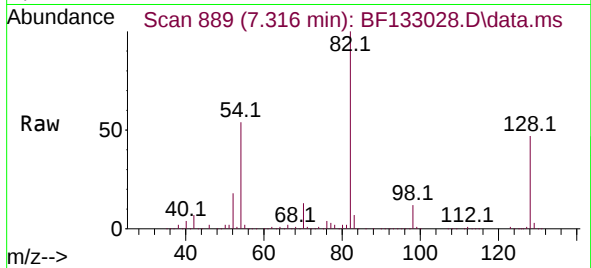
54 53.9 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#24

Nitrobenzene

Concen: 40.980 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

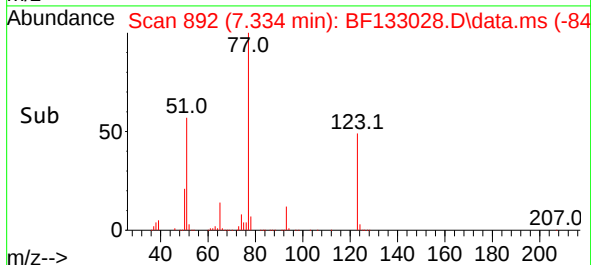
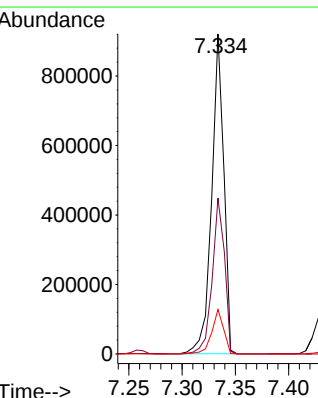
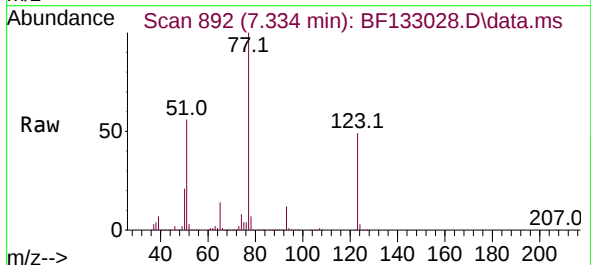
Tgt Ion: 77 Resp: 725784

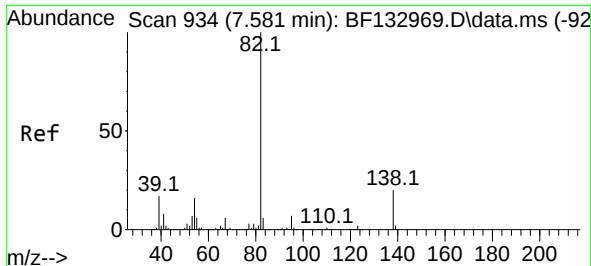
Ion Ratio Lower Upper

77 100

123 48.7 39.9 59.9

65 13.9 10.7 16.1





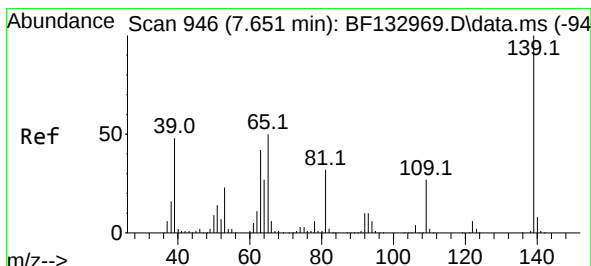
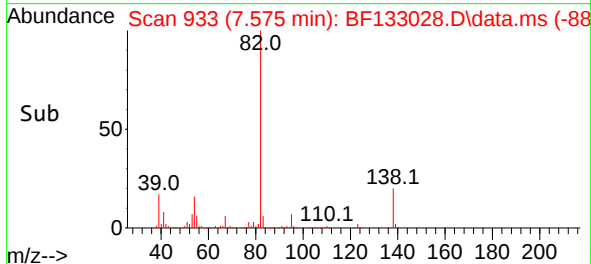
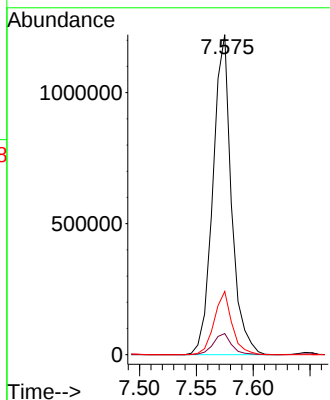
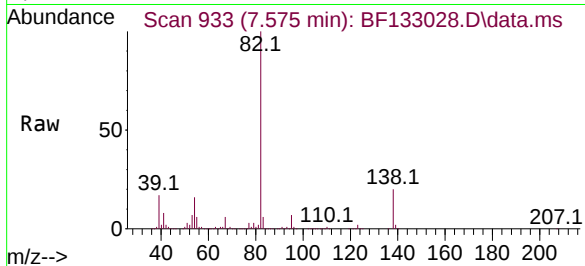
#25
Isophorone
Concen: 41.758 ng
RT: 7.575 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :
BNA_F
ClientSampleId :
PB152297BS

Tgt Ion: 82 Resp: 138573
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.8 16.0 24.0

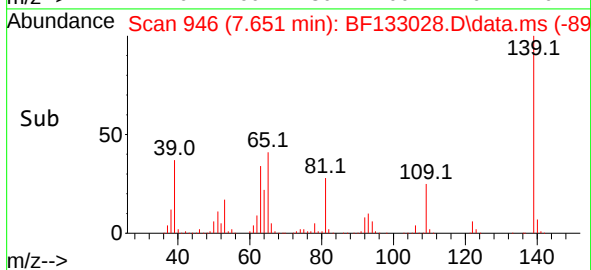
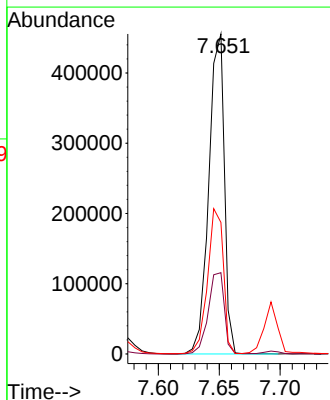
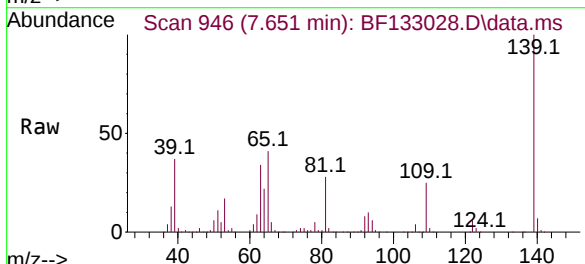
Manual Integrations
APPROVED

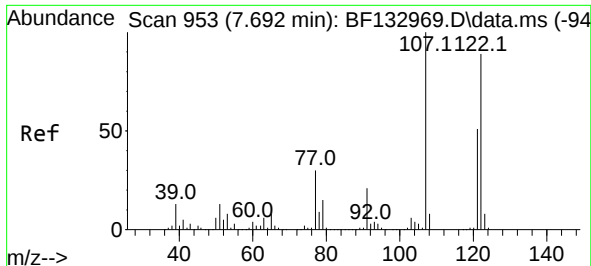
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 47.219 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:139 Resp: 403363
Ion Ratio Lower Upper
139 100
109 25.4 21.6 32.4
65 41.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.276 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133028.D

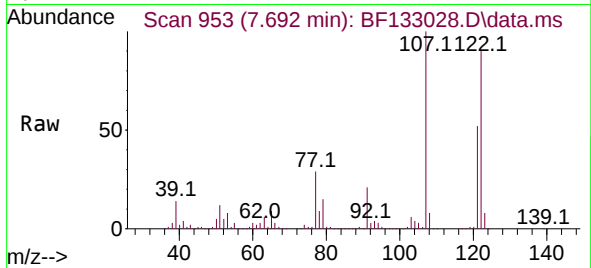
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS



Tgt Ion:122 Resp: 64854

Ion Ratio Lower Upper

122 100

107 111.1 89.7 134.5

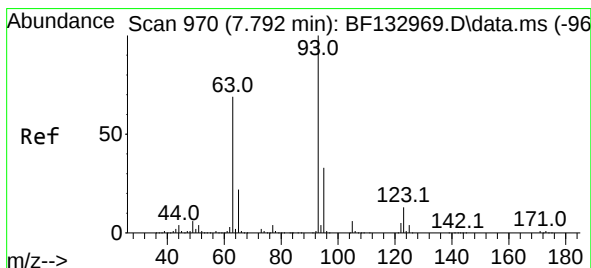
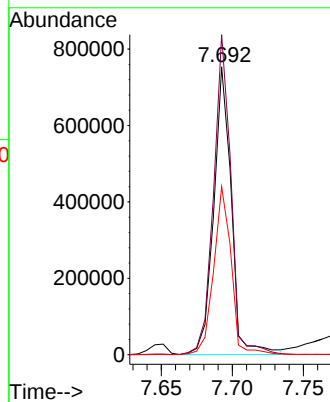
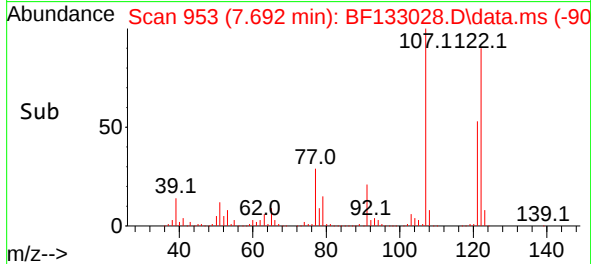
121 58.3 46.0 69.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.554 ng

RT: 7.787 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

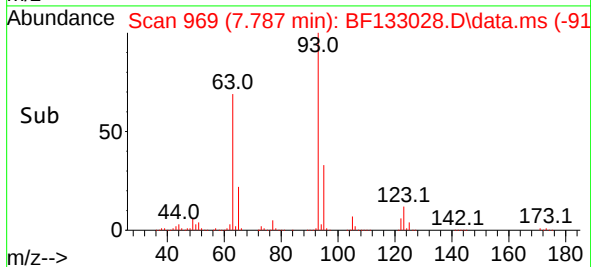
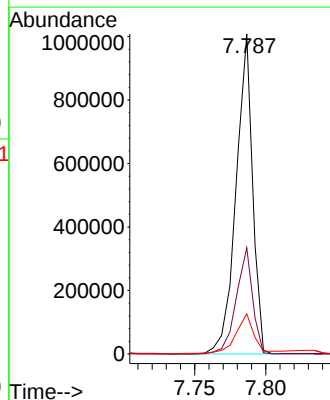
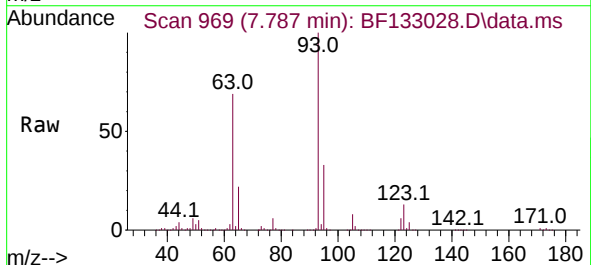
Tgt Ion: 93 Resp: 815771

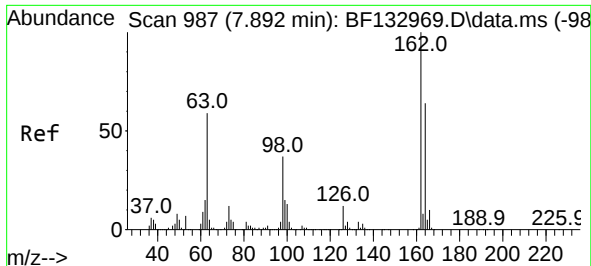
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.879 ng

RT: 7.892 min Scan# 98

Delta R.T. 0.000 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

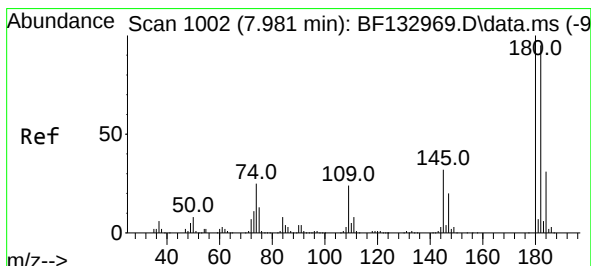
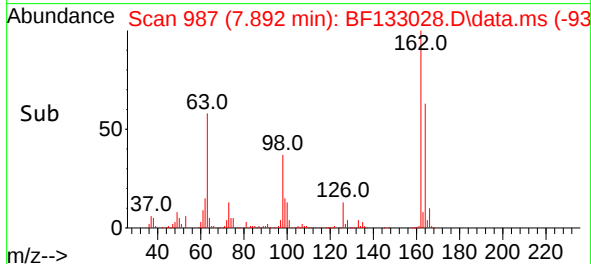
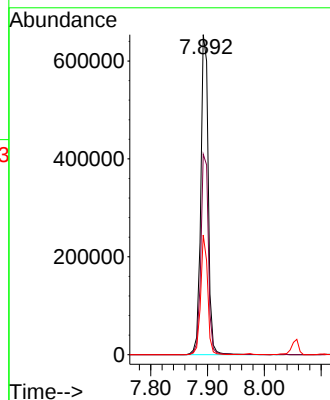
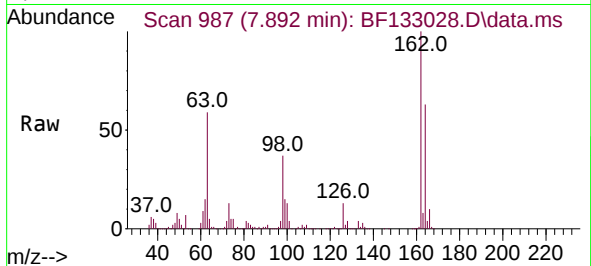
PB152297BS

Tgt Ion:162 Resp: 598450
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.9 83.9
 98 37.4 17.0 57.0

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 44.642 ng

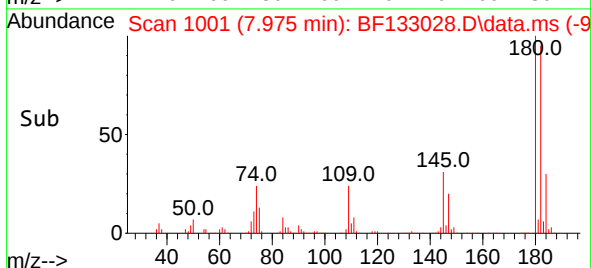
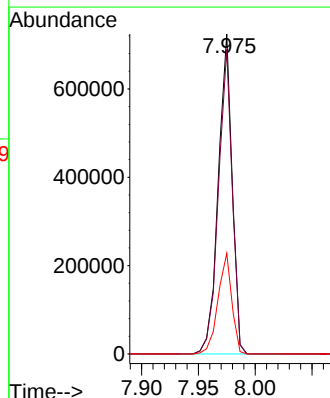
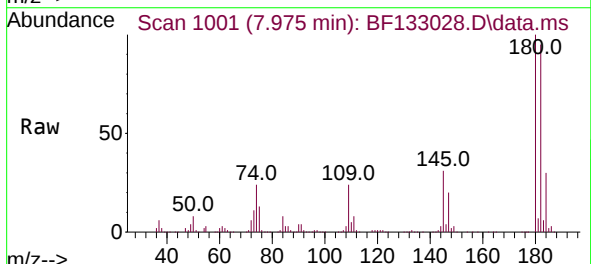
RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

Tgt Ion:180 Resp: 616705
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 145 31.5 25.3 37.9





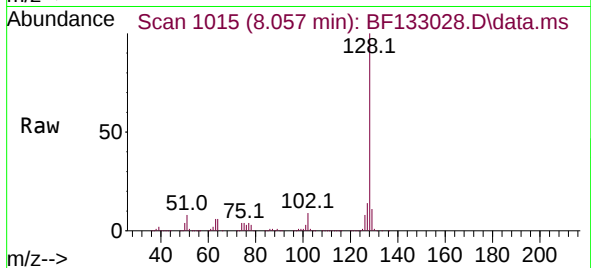
#31
Naphthalene
Concen: 41.947 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

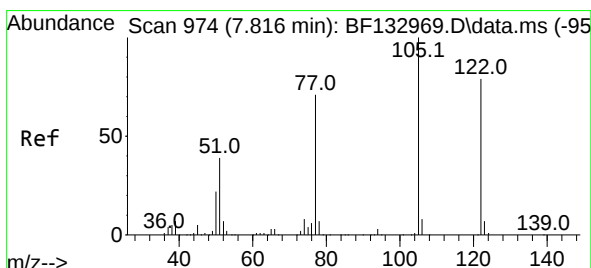
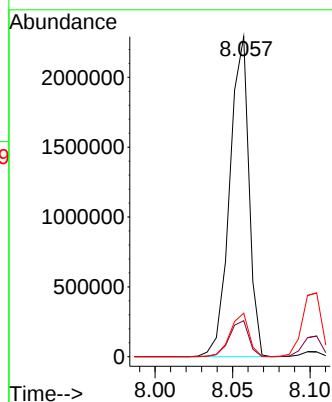
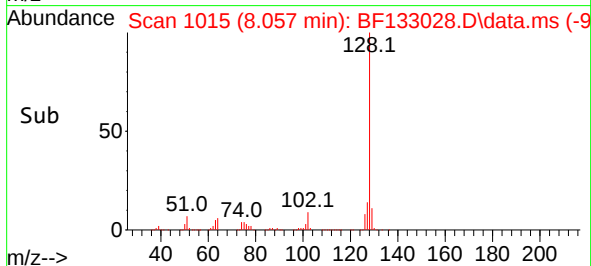


Tgt Ion:128 Resp: 197851
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1

Manual Integrations

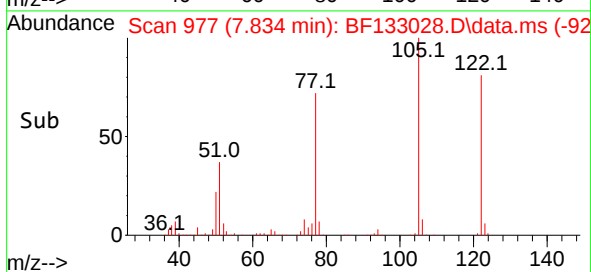
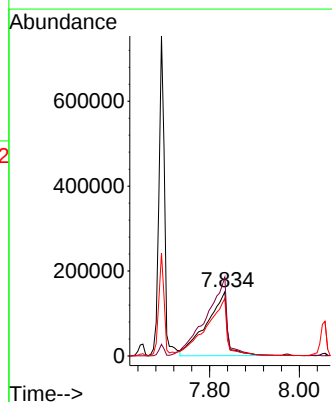
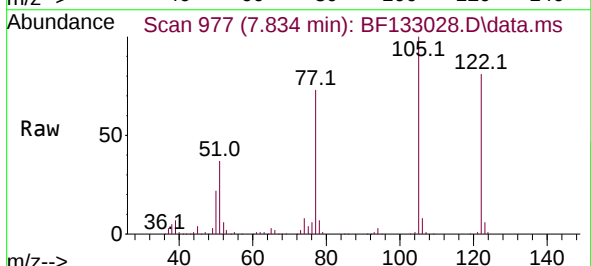
APPROVED

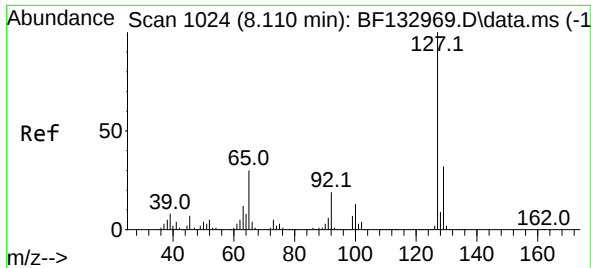
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#32
Benzoic acid
Concen: 54.413 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:122 Resp: 492326
Ion Ratio Lower Upper
122 100
105 123.0 104.2 144.2
77 89.5 69.7 109.7





#33
4-Chloroaniline
Concen: 22.062 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

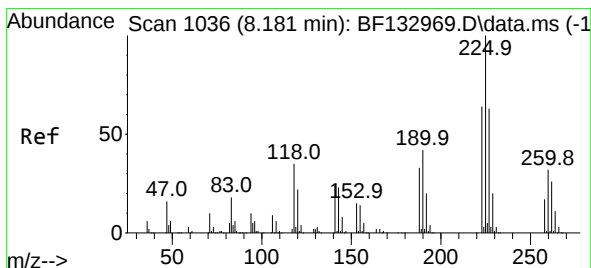
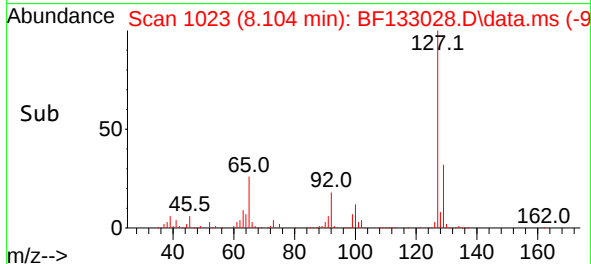
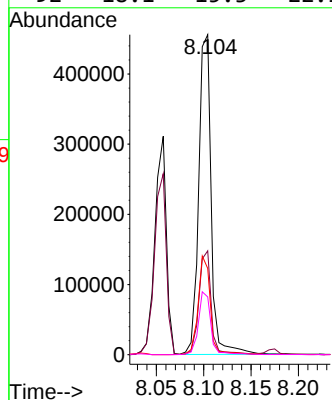
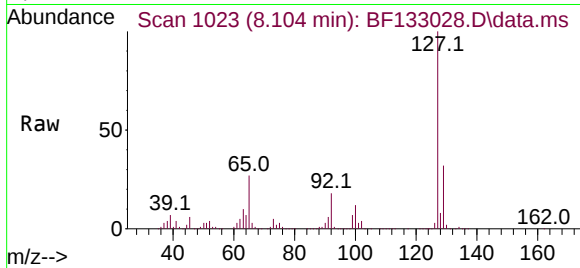
ClientSampleId :

PB152297BS

Tgt Ion:127 Resp: 42044
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 27.0 23.6 35.4
92 18.1 15.3 22.9

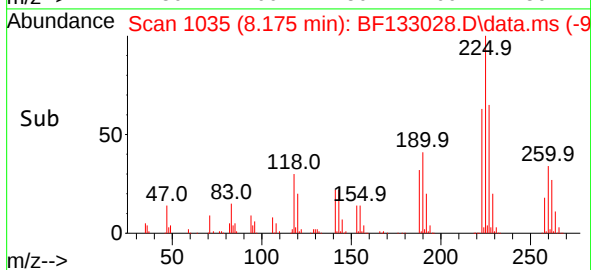
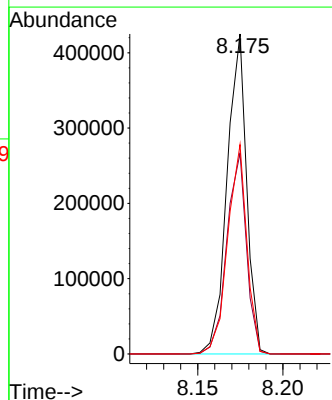
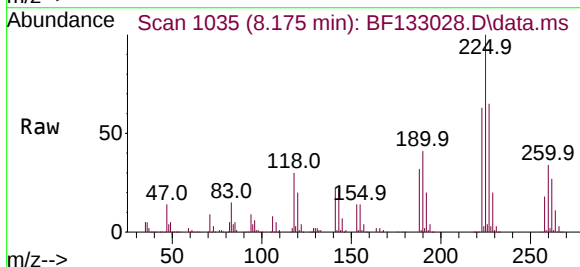
Manual Integrations
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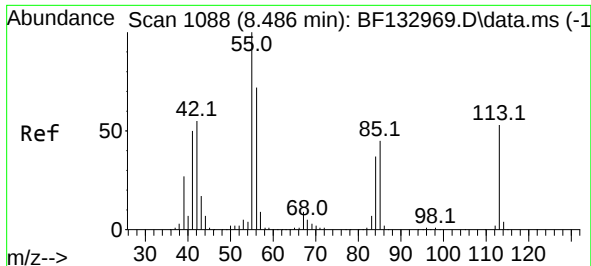
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 44.272 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

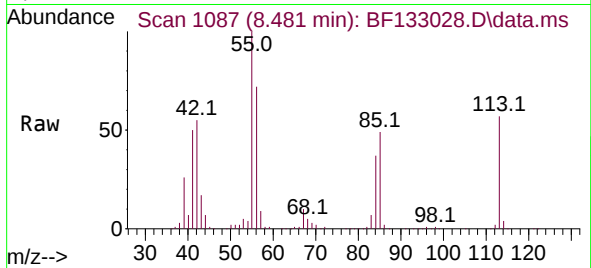
Tgt Ion:225 Resp: 338975
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 65.4 50.3 75.5





#35
 Caprolactam
 Concen: 48.754 ng m
 RT: 8.481 min Scan# 1087
 Delta R.T. -0.006 min
 Lab File: BF133028.D
 Acq: 25 Apr 2023 13:07

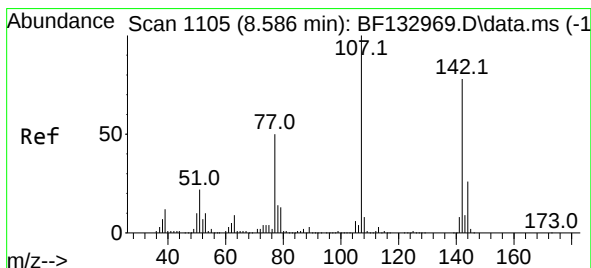
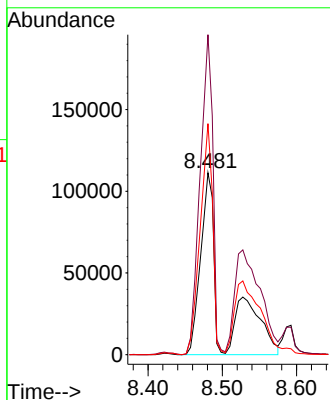
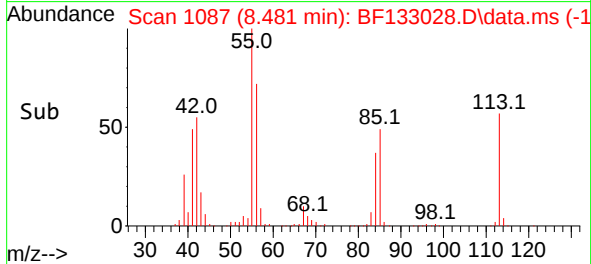
Instrument :
 BNA_F
 ClientSampleId :
 PB152297BS



Tgt Ion:113 Resp: 218390
 Ion Ratio Lower Upper
 113 100
 55 175.9 167.1 207.1
 56 127.0 114.5 154.5

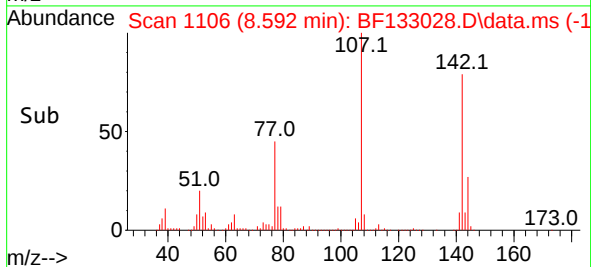
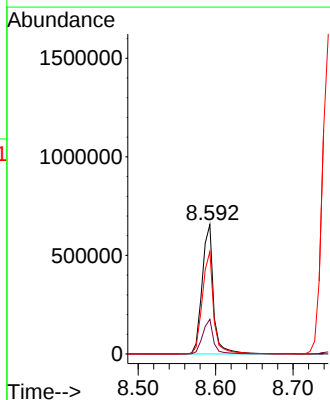
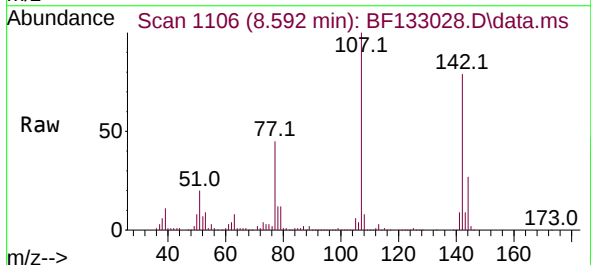
Manual Integrations
 APPROVED

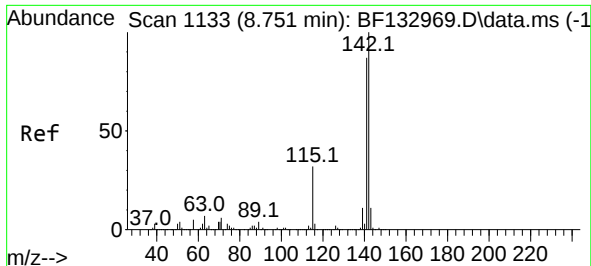
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.573 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF133028.D
 Acq: 25 Apr 2023 13:07

Tgt Ion:107 Resp: 669700
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.6 30.8
 142 79.1 62.8 94.2





#37
2-Methylnaphthalene
Concen: 41.528 ng
RT: 8.745 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

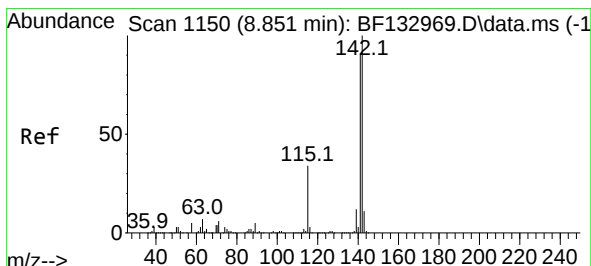
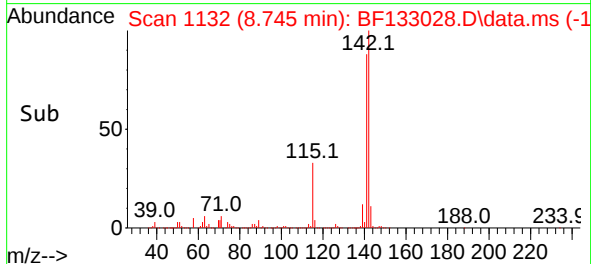
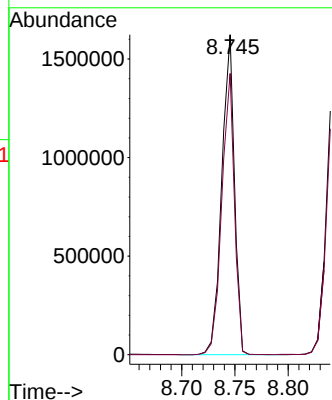
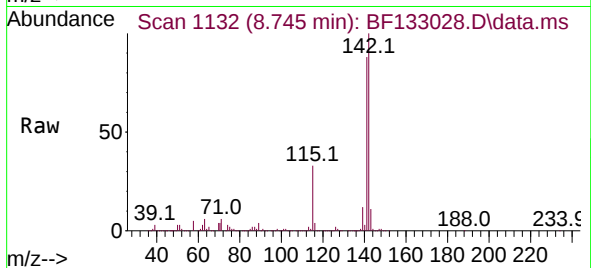
PB152297BS

Tgt Ion:142 Resp: 133914
Ion Ratio Lower Upper
142 100
141 87.9 69.4 104.0

Manual Integrations

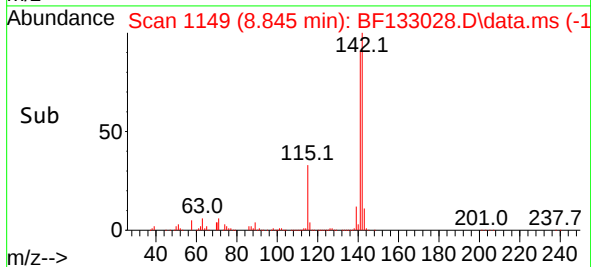
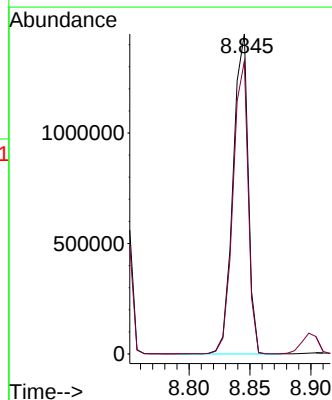
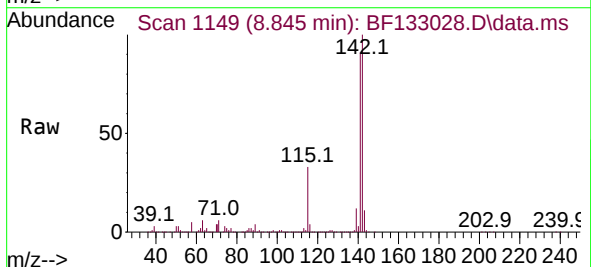
APPROVED

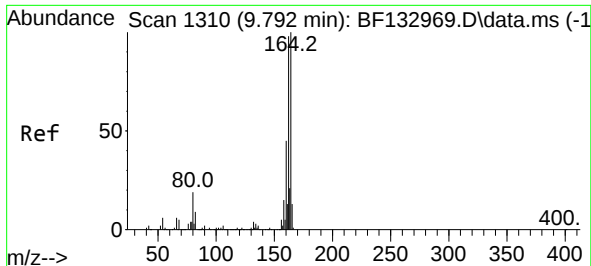
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#38
1-Methylnaphthalene
Concen: 41.413 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:142 Resp: 1249280
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7





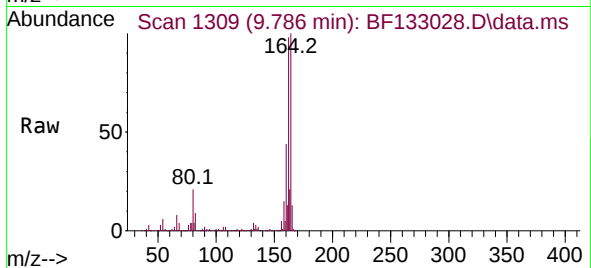
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 11309
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

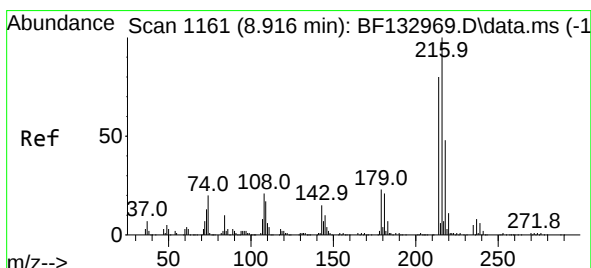
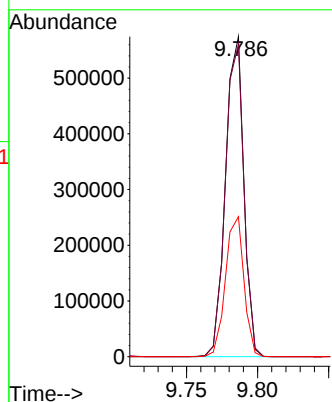
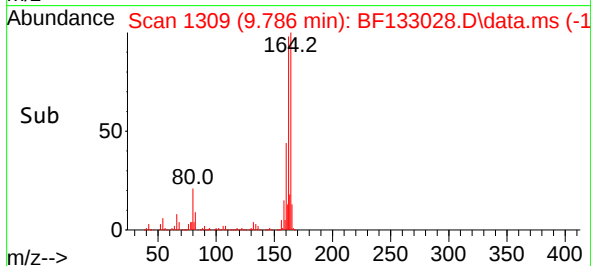


Tgt Ion:164 Resp: 512804
Ion Ratio Lower Upper
164 100
162 97.6 78.7 118.1
160 43.7 35.8 53.6

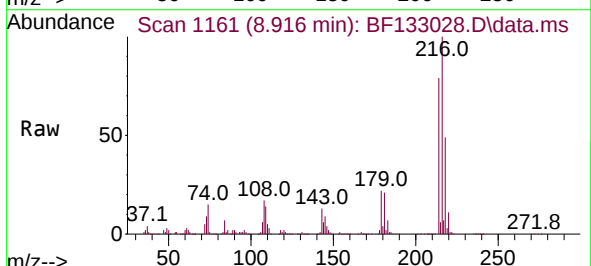
Manual Integrations

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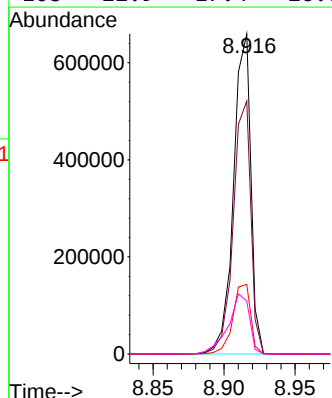
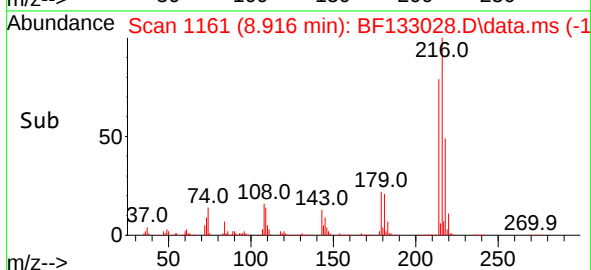
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.447 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



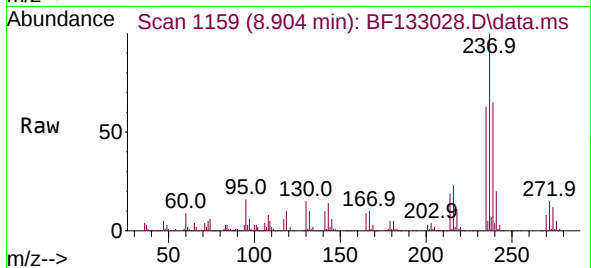
Tgt Ion:216 Resp: 557673
Ion Ratio Lower Upper
216 100
214 80.3 63.5 95.3
179 22.5 17.4 26.2
108 22.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 95.257 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

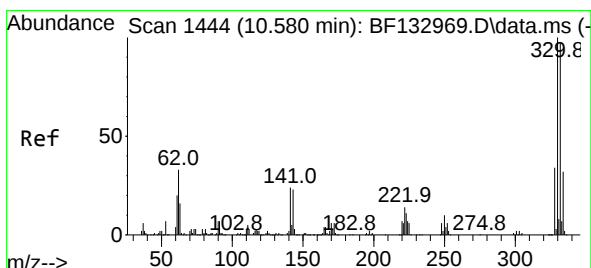
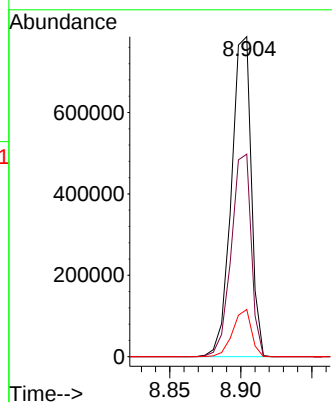
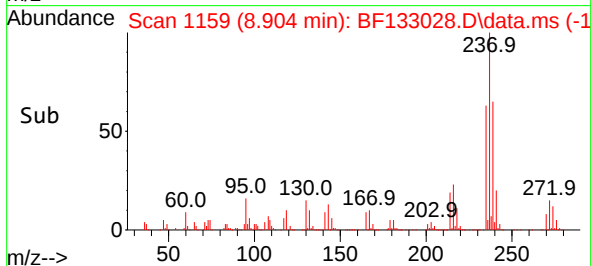
Instrument :
BNA_F
ClientSampleId :
PB152297BS



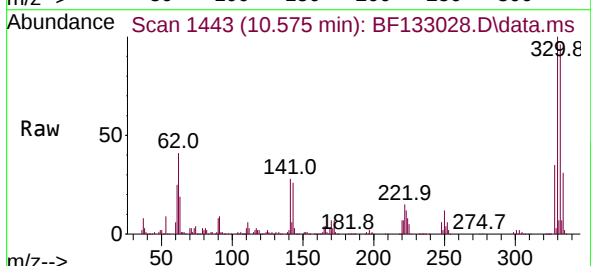
Tgt Ion:237 Resp: 76597
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 14.8 0.0 32.7

Manual Integrations
APPROVED

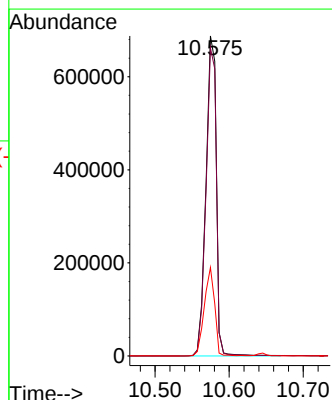
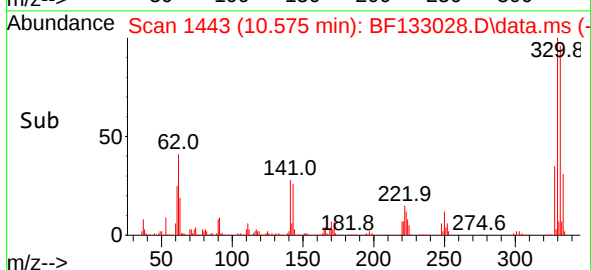
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

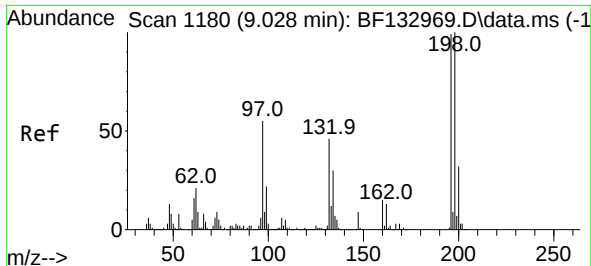


#42
2,4,6-Tribromophenol
Concen: 130.055 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



Tgt Ion:330 Resp: 670724
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 27.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 43.151 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

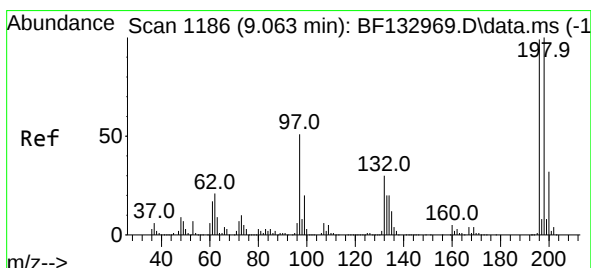
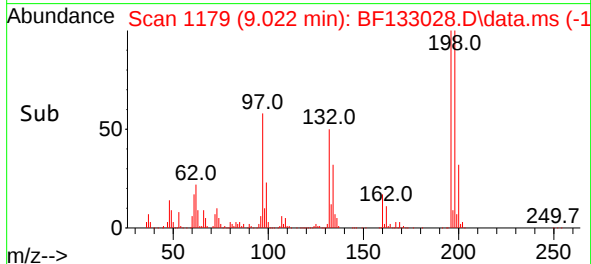
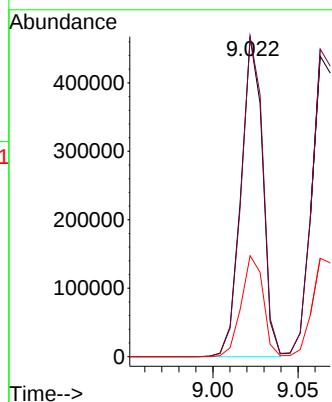
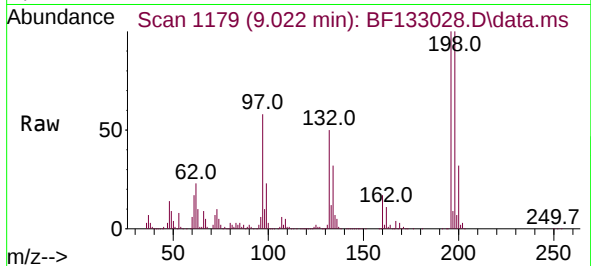
PB152297BS

Tgt Ion:196 Resp: 411452
Ion Ratio Lower Upper
196 100
198 100.3 81.0 121.6
200 31.7 26.1 39.1

Manual Integrations

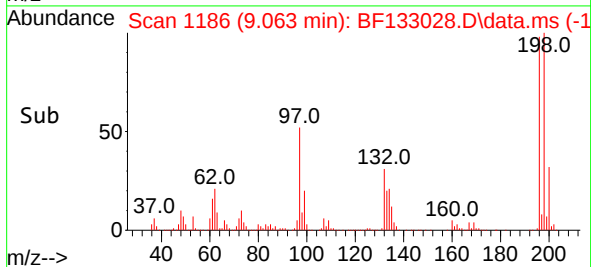
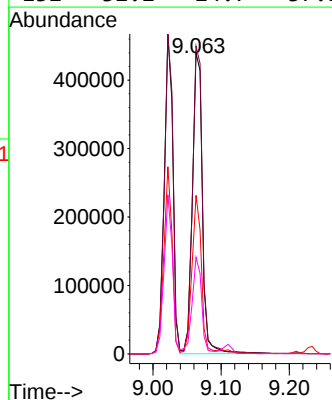
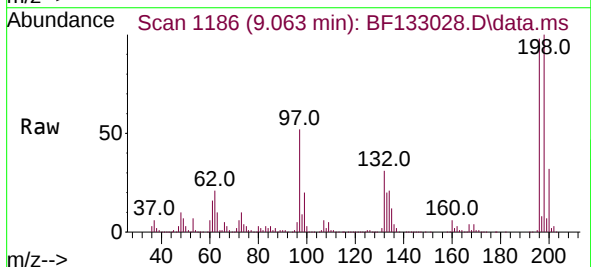
APPROVED

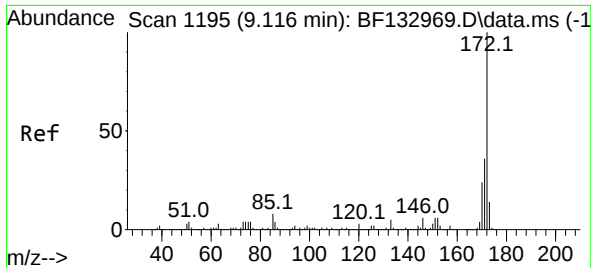
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#44
2,4,5-Trichlorophenol
Concen: 40.343 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:196 Resp: 444897
Ion Ratio Lower Upper
196 100
198 102.3 80.9 121.3
97 52.7 41.3 61.9
132 32.2 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 81.019 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

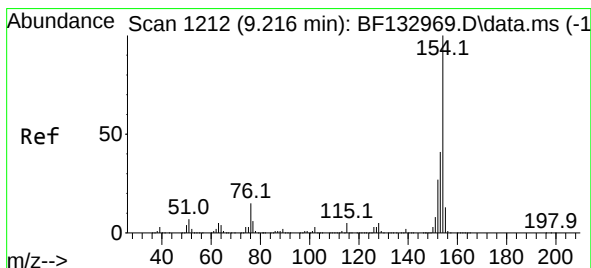
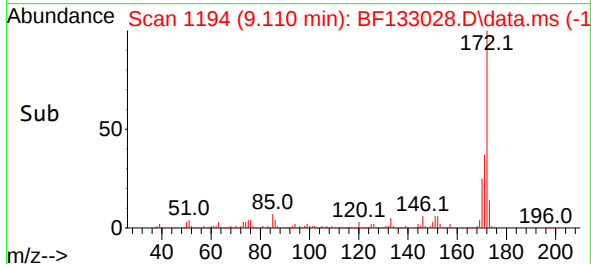
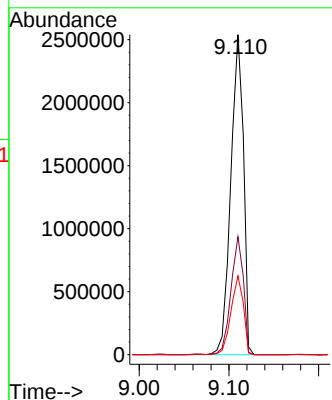
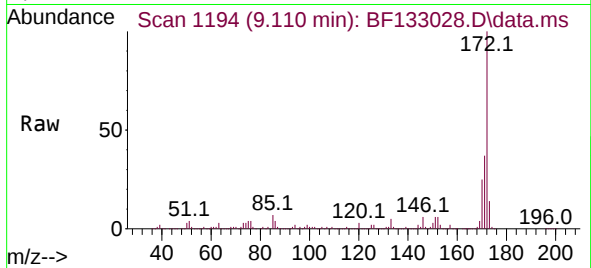
PB152297BS

Tgt Ion:172 Resp: 248336
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.6 19.4 29.2

Manual Integrations

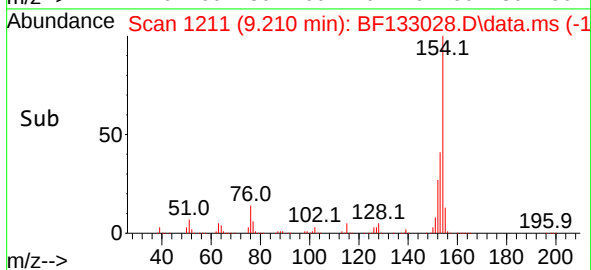
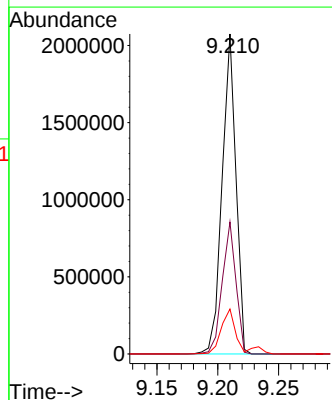
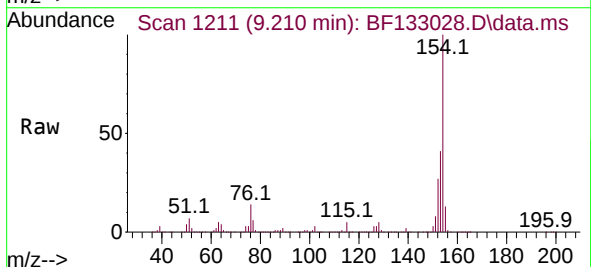
APPROVED

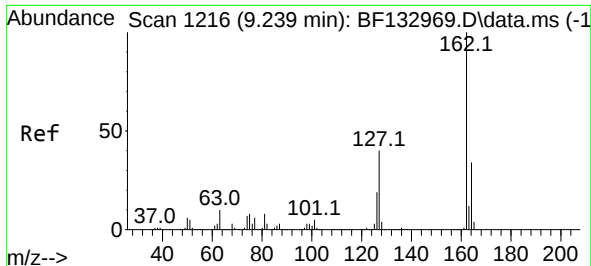
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#46
1,1'-Biphenyl
Concen: 40.408 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:154 Resp: 1643100
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 14.1 0.0 34.5





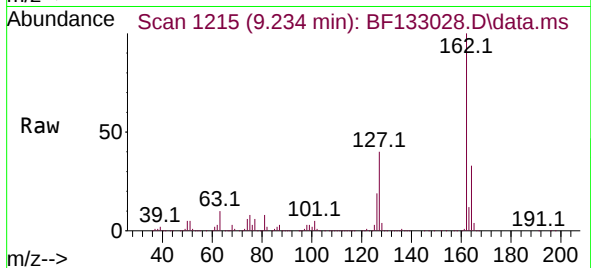
#47
2-Chloronaphthalene
Concen: 42.086 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

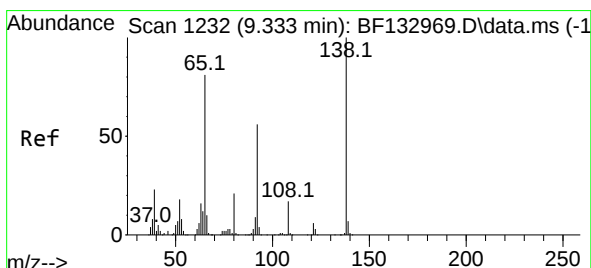
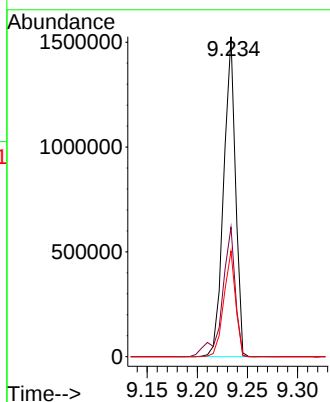
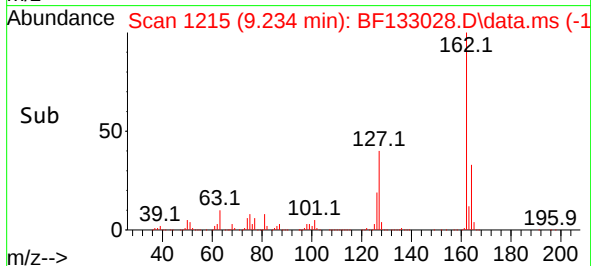
PB152297BS



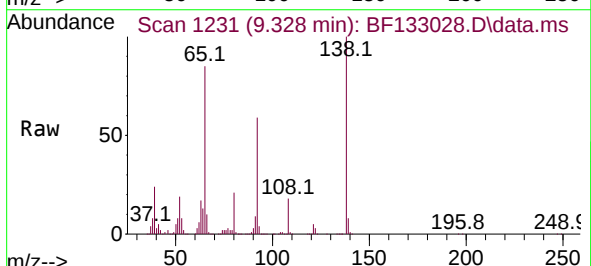
Tgt Ion:162 Resp: 1252599
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 33.1 26.8 40.2

Manual Integrations
APPROVED

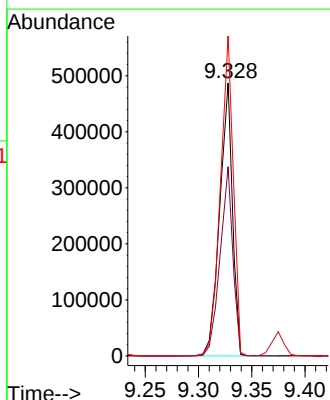
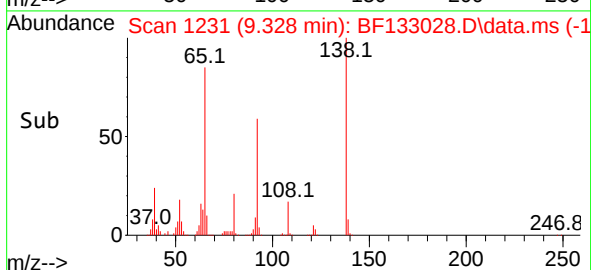
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

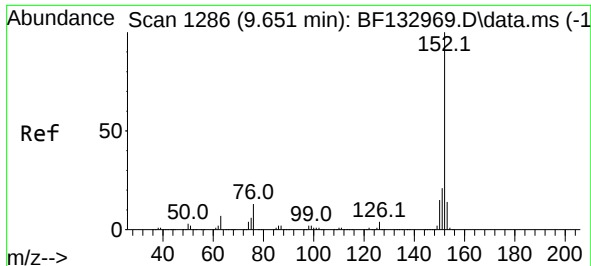


#48
2-Nitroaniline
Concen: 41.424 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



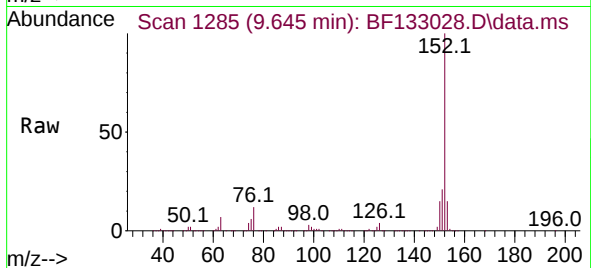
Tgt Ion: 65 Resp: 407466
Ion Ratio Lower Upper
65 100
92 69.3 55.4 83.0
138 117.2 98.2 147.2





#49
Acenaphthylene
Concen: 40.875 ng
RT: 9.645 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

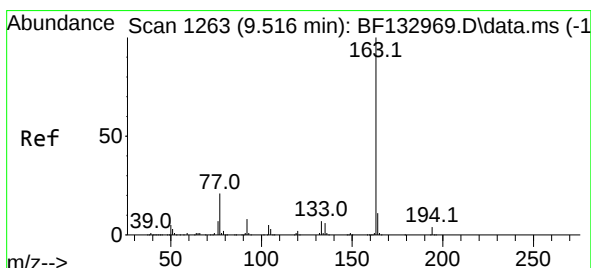
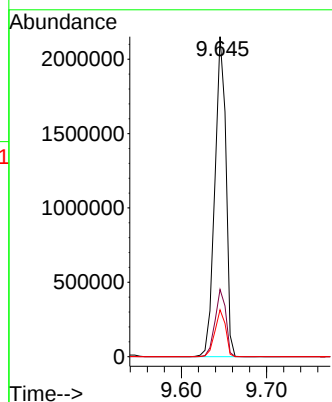
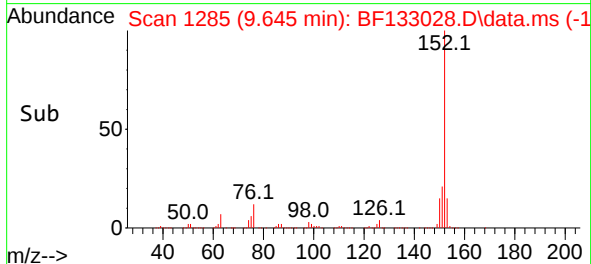
Instrument :
BNA_F
ClientSampleId :
PB152297BS



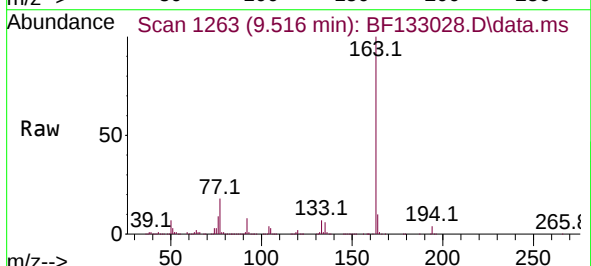
Tgt Ion:152 Resp: 194386
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.7 11.5 17.3

Manual Integrations
APPROVED

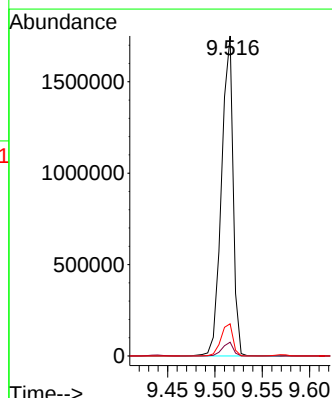
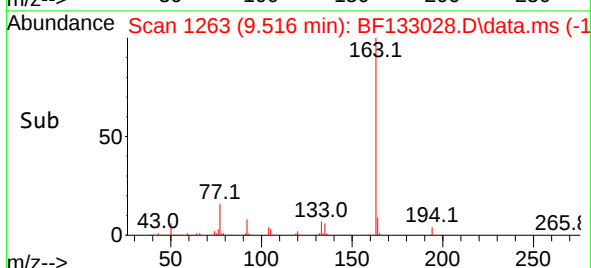
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

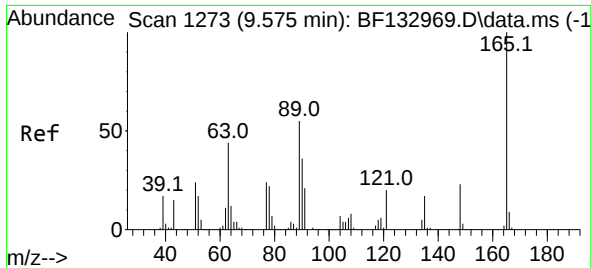


#50
Dimethylphthalate
Concen: 41.766 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



Tgt Ion:163 Resp: 1493429
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.887 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

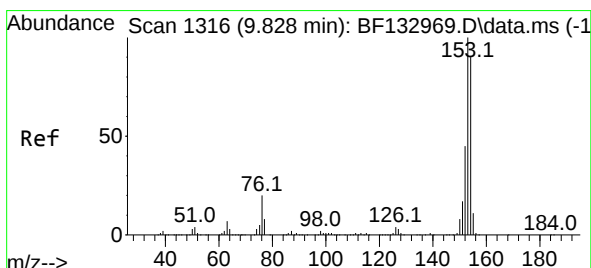
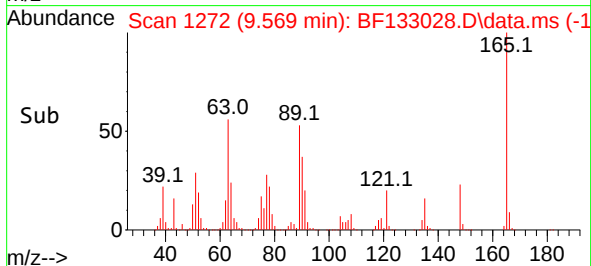
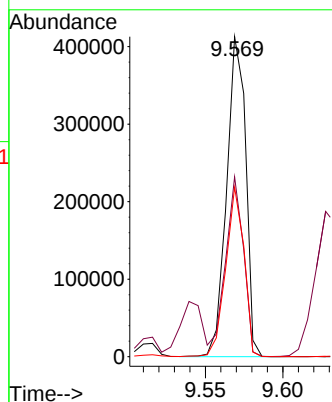
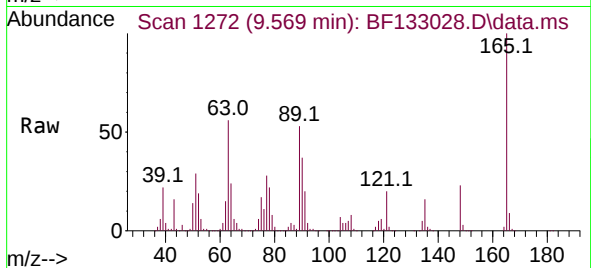
ClientSampleId :

PB152297BS

Tgt Ion:165 Resp: 35320
Ion Ratio Lower Upper
165 100
63 56.2 45.9 68.9
89 52.9 44.0 66.0

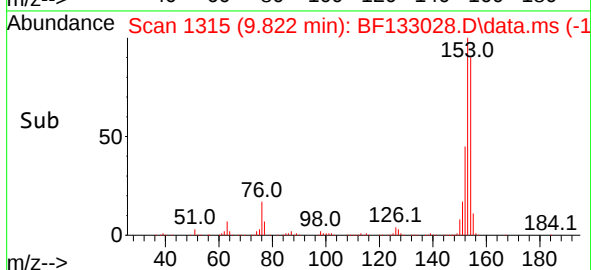
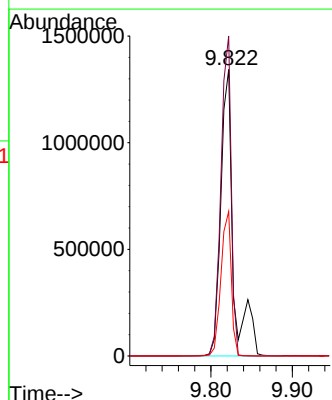
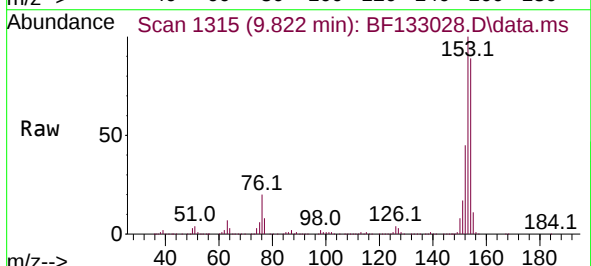
Manual Integrations
APPROVED

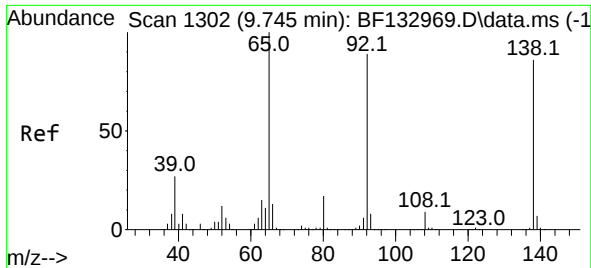
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#52
Acenaphthene
Concen: 44.949 ng m
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

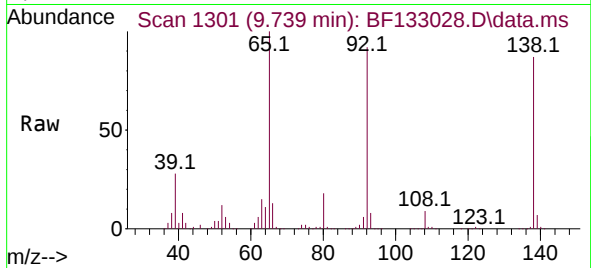
Tgt Ion:154 Resp: 1431669
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.6
152 50.5 40.4 60.6





#53
3-Nitroaniline
Concen: 30.839 ng
RT: 9.739 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

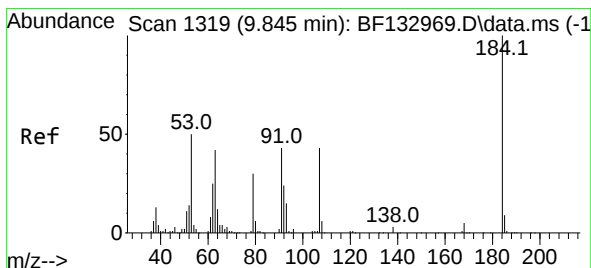
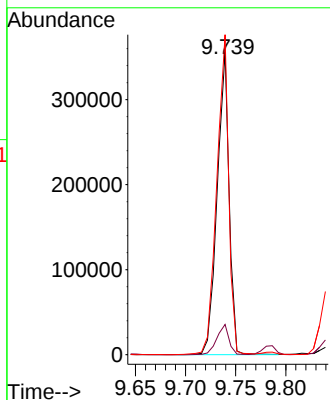
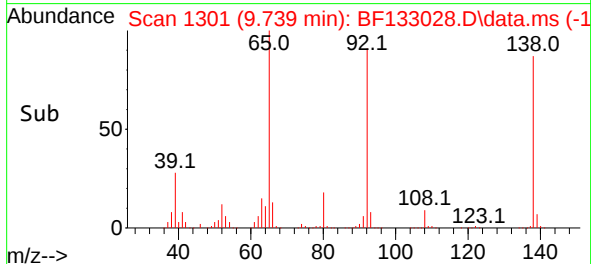
Instrument :
BNA_F
ClientSampleId :
PB152297BS



Tgt Ion:138 Resp: 295104
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 105.8 83.6 125.4

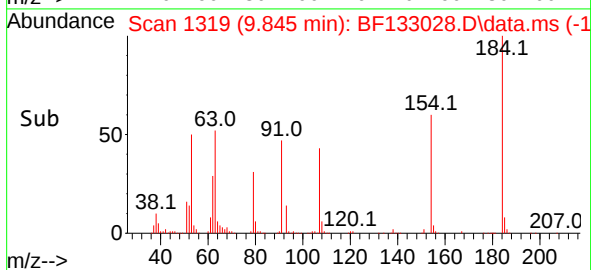
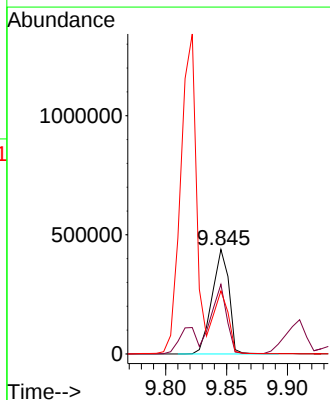
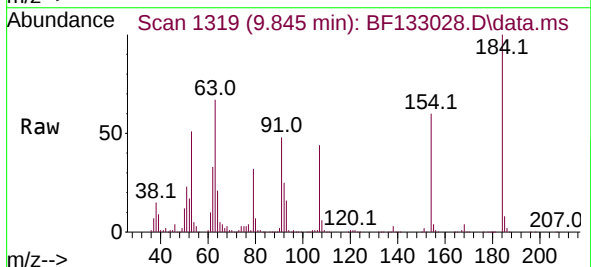
Manual Integrations
APPROVED

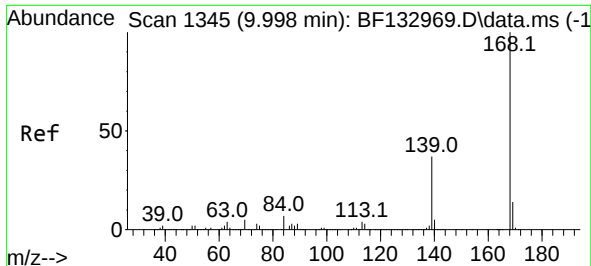
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#54
2,4-Dinitrophenol
Concen: 105.472 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:184 Resp: 426663
Ion Ratio Lower Upper
184 100
63 66.6 49.8 74.8
154 60.3 49.5 74.3





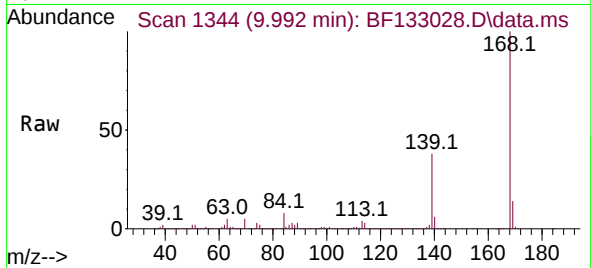
#55
Dibenzofuran
Concen: 39.855 ng
RT: 9.992 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

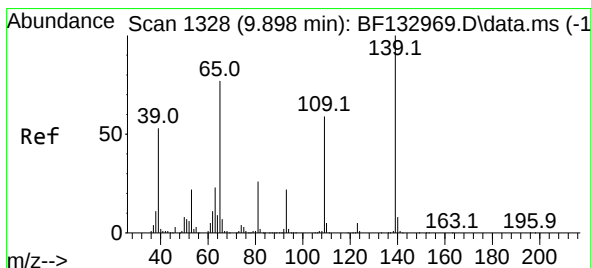
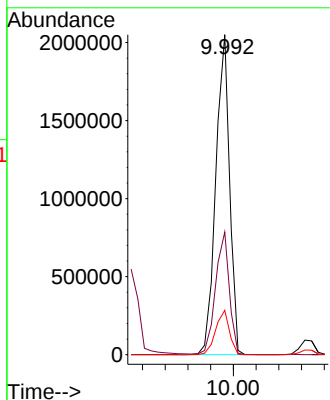
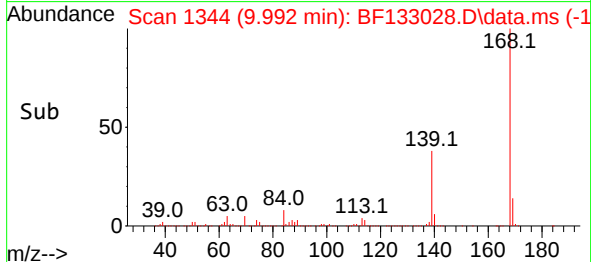


Tgt Ion:168 Resp: 1731594
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.8
169 13.9 10.8 16.2

Manual Integrations

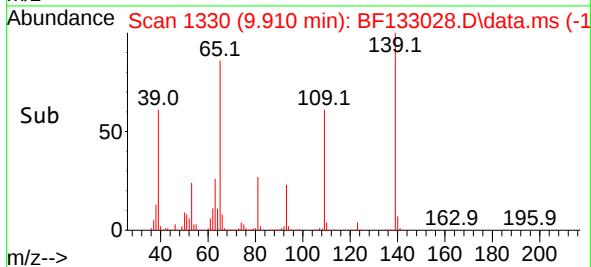
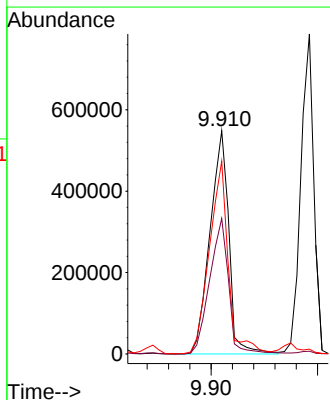
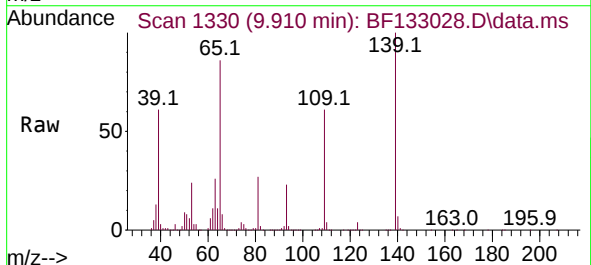
APPROVED

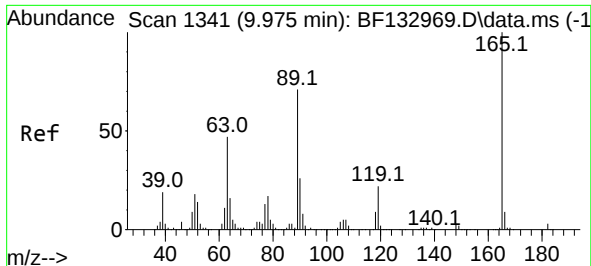
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 90.705 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:139 Resp: 672256
Ion Ratio Lower Upper
139 100
109 60.7 39.4 79.4
65 86.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.770 ng

RT: 9.975 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133028.D

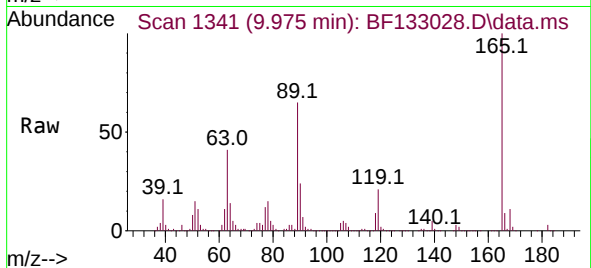
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS



Tgt Ion:165 Resp: 469754

Ion Ratio Lower Upper

165 100

63 41.0 37.7 56.5

89 64.6 57.0 85.4

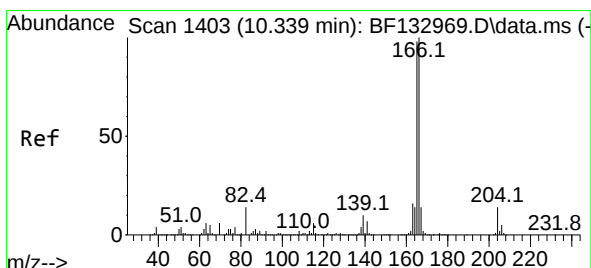
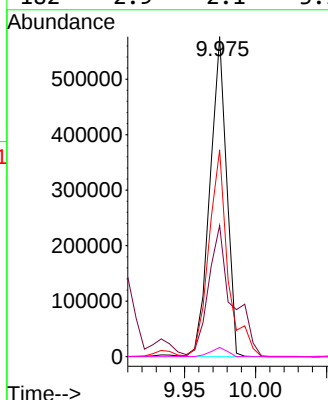
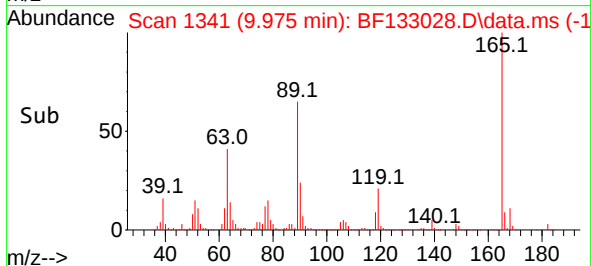
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#58

Fluorene

Concen: 39.964 ng

RT: 10.334 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

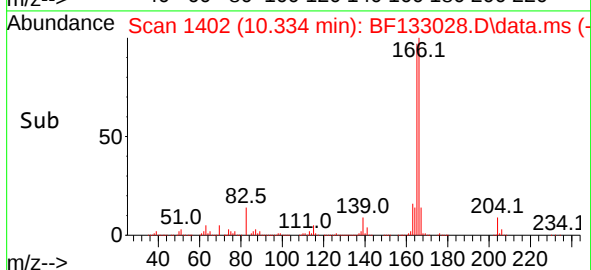
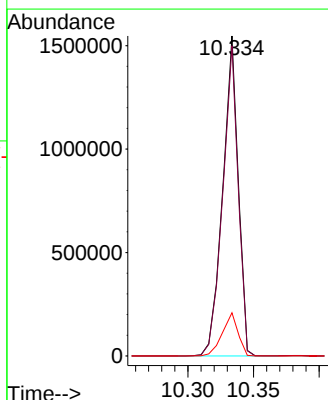
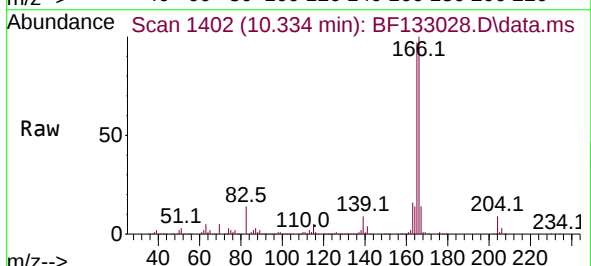
Tgt Ion:166 Resp: 1272108

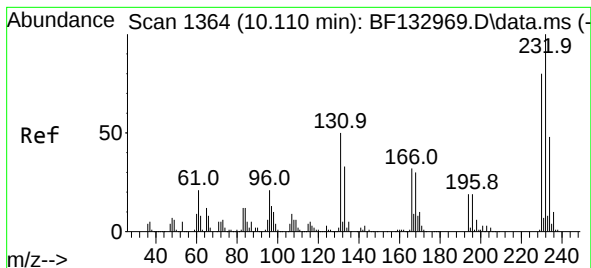
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

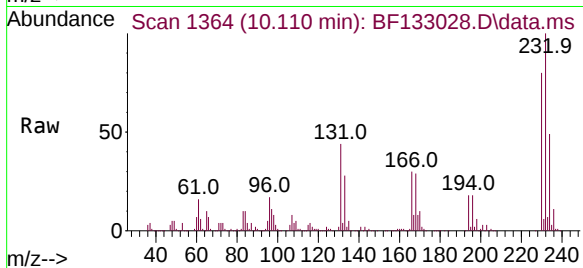
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.093 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

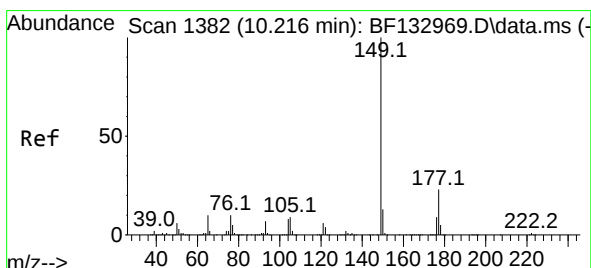
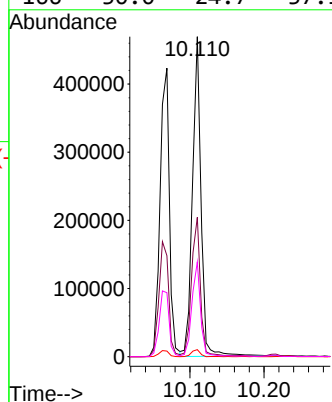
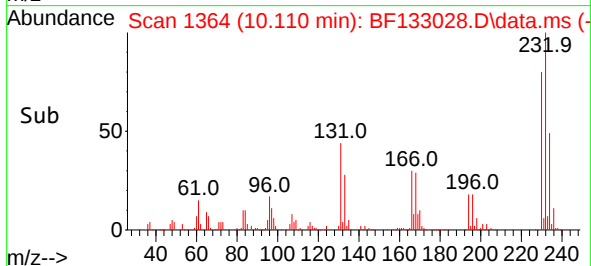
Instrument :
BNA_F
ClientSampleId :
PB152297BS



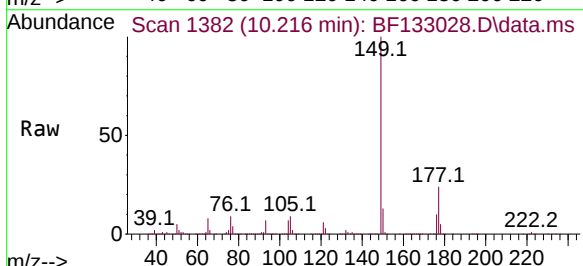
Tgt Ion:232 Resp: 376972
Ion Ratio Lower Upper
232 100
131 45.4 38.0 57.0
130 2.3 1.8 2.8
166 30.0 24.7 37.1

Manual Integrations
APPROVED

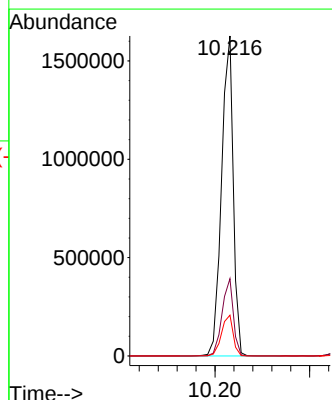
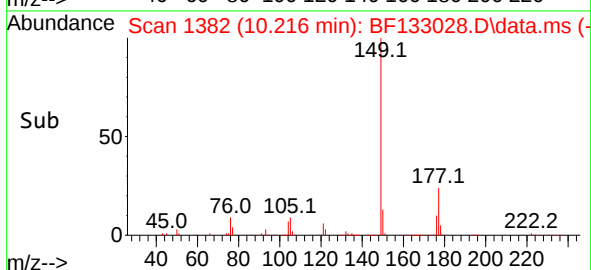
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

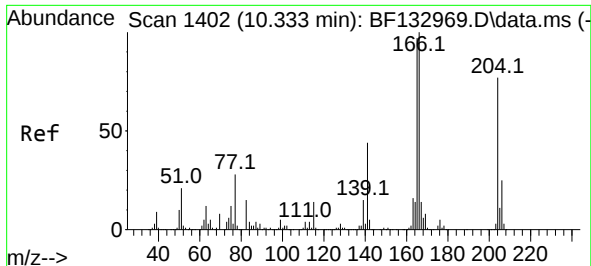


#60
Diethylphthalate
Concen: 41.473 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



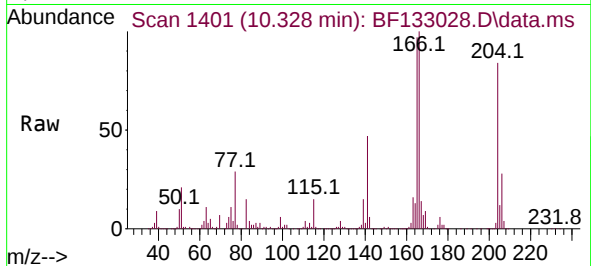
Tgt Ion:149 Resp: 1400738
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.988 ng
RT: 10.328 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

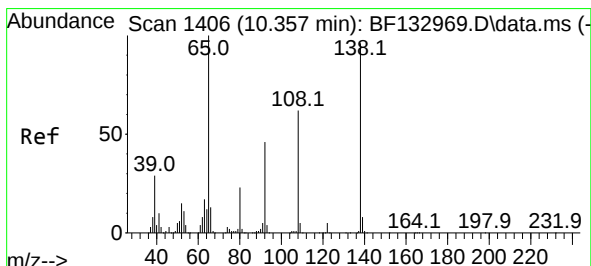
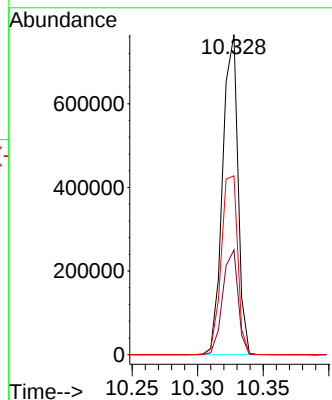
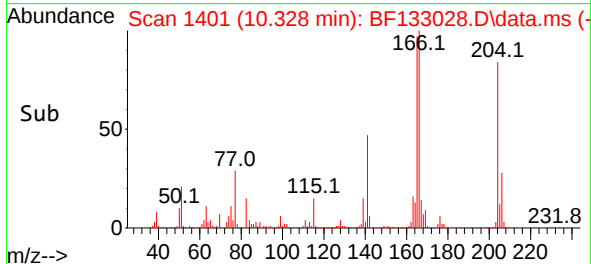
Instrument :
BNA_F
ClientSampleId :
PB152297BS



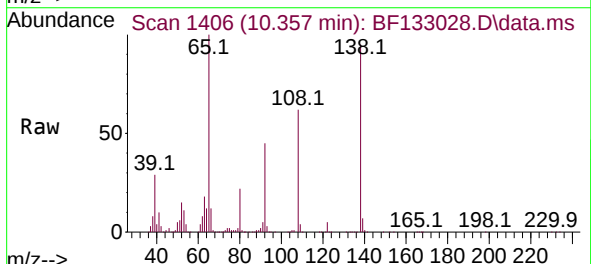
Tgt Ion:204 Resp: 620299
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 55.9 46.1 69.1

Manual Integrations
APPROVED

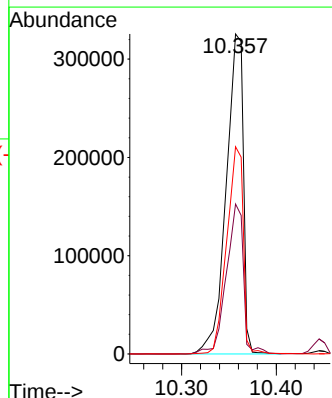
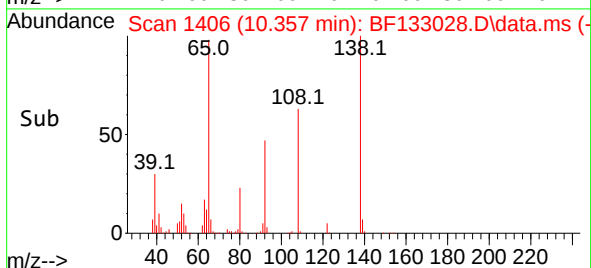
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

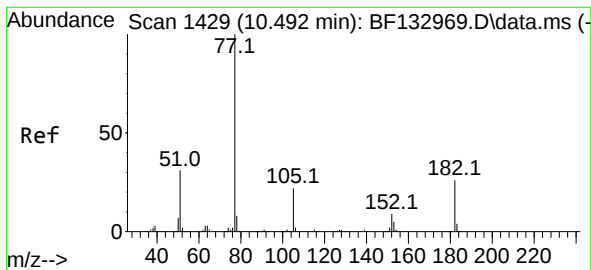


#62
4-Nitroaniline
Concen: 46.452 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



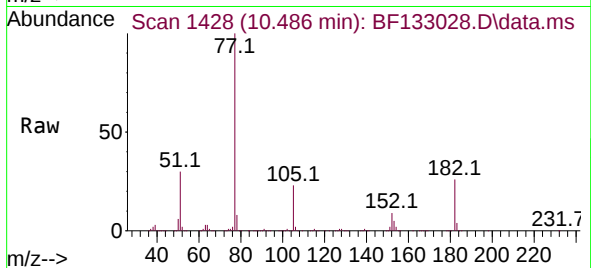
Tgt Ion:138 Resp: 408545
Ion Ratio Lower Upper
138 100
92 46.9 27.7 67.7
108 64.7 45.2 85.2





#63
Azobenzene
Concen: 39.984 ng
RT: 10.486 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

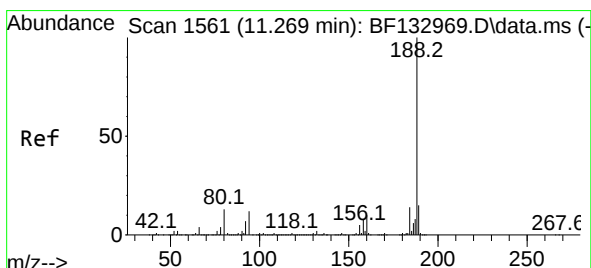
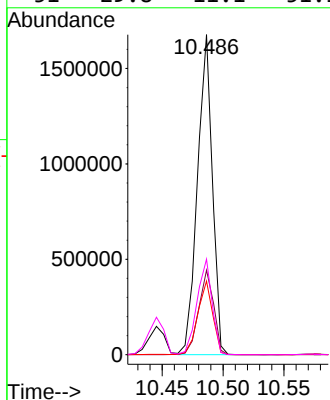
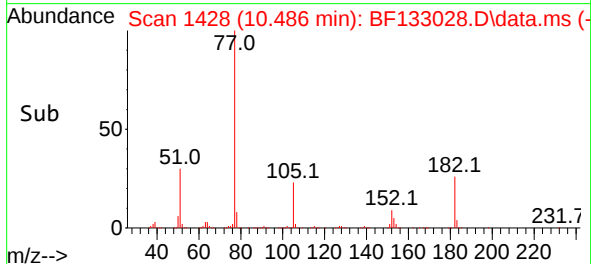
Instrument :
BNA_F
ClientSampleId :
PB152297BS



Tgt Ion: 77 Resp: 143058
Ion Ratio Lower Upper
77 100
182 26.4 5.9 45.9
105 23.0 2.3 42.3
51 29.8 11.1 51.1

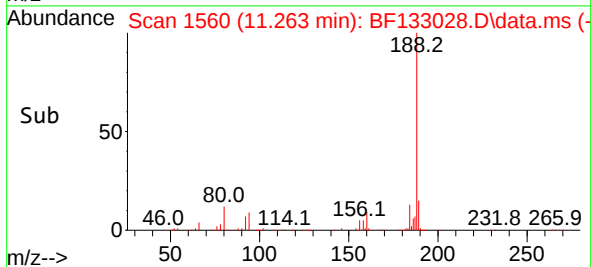
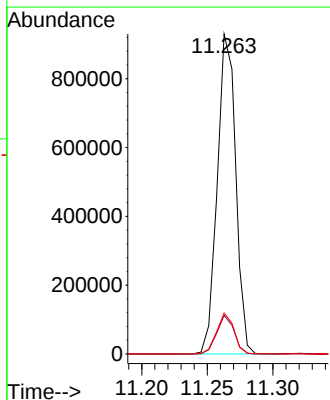
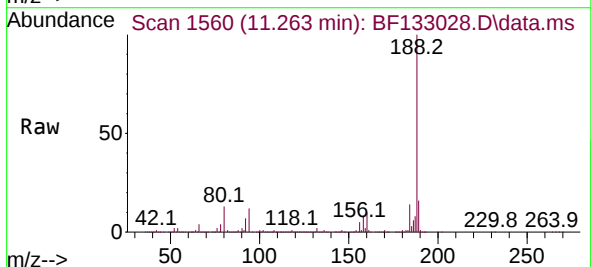
Manual Integrations
APPROVED

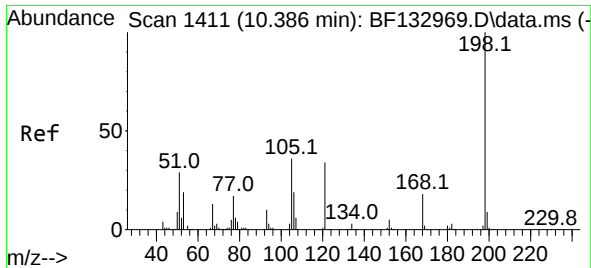
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:188 Resp: 908149
Ion Ratio Lower Upper
188 100
94 12.0 9.7 14.5
80 12.8 10.4 15.6





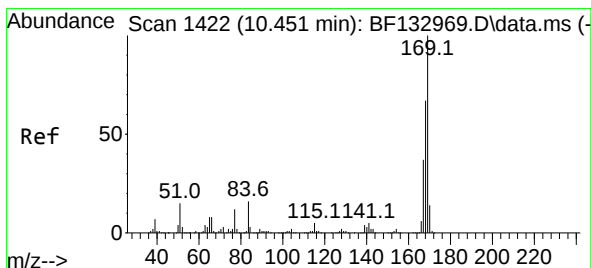
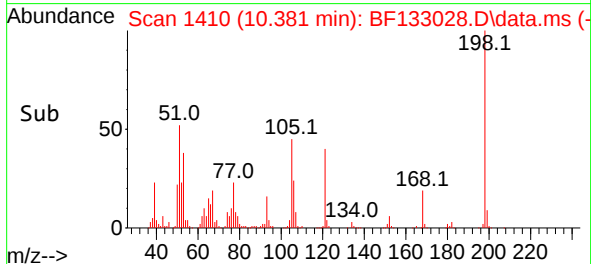
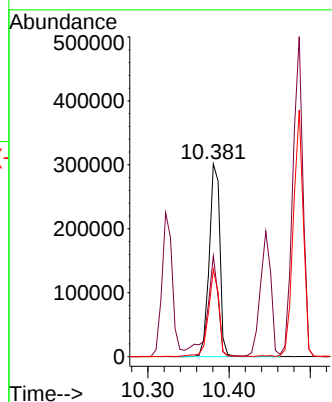
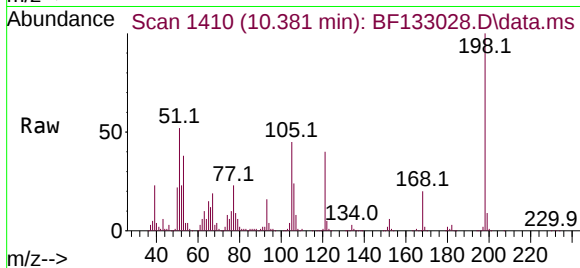
#65
4,6-Dinitro-2-methylphenol
Concen: 49.705 ng
RT: 10.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :
BNA_F
ClientSampleId :
PB152297BS

Tgt Ion:198 Resp: 273598
Ion Ratio Lower Upper
198 100
51 52.3 15.5 55.5
105 45.2 16.7 56.7

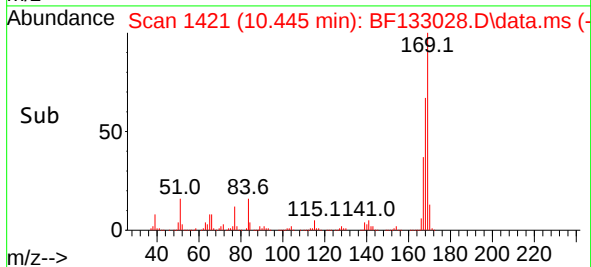
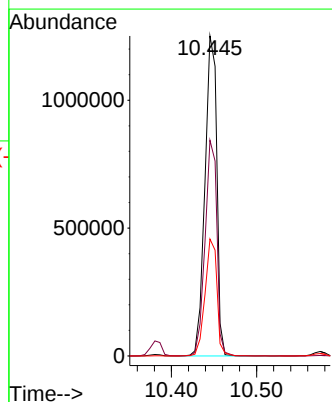
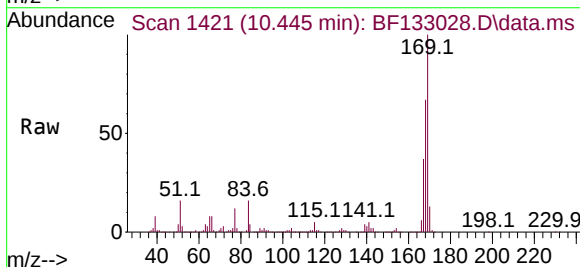
Manual Integrations
APPROVED

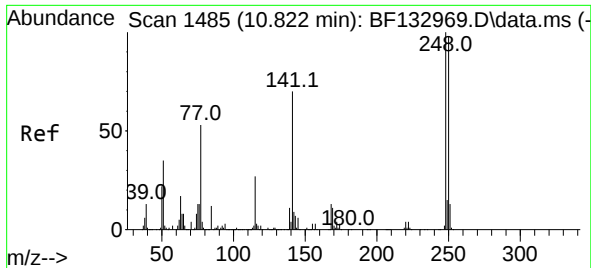
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#66
n-Nitrosodiphenylamine
Concen: 40.934 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

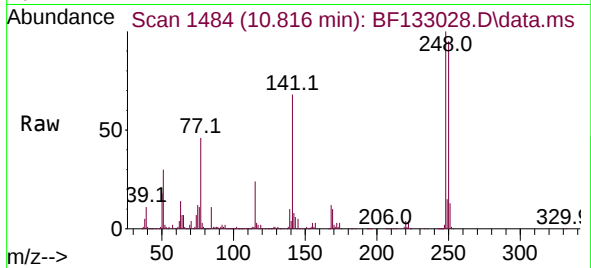
Tgt Ion:169 Resp: 1205835
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 36.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.315 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

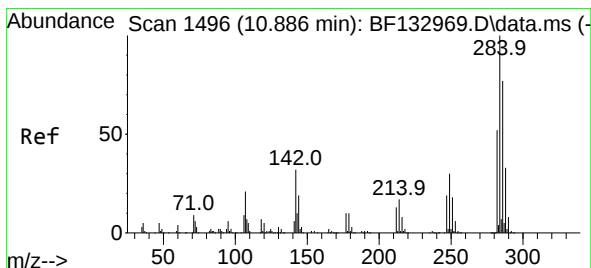
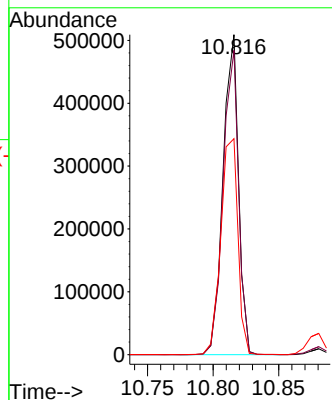
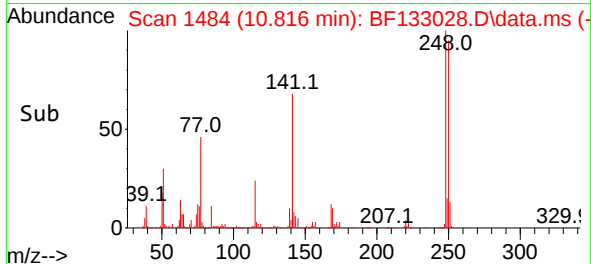
Instrument :
BNA_F
ClientSampleId :
PB152297BS



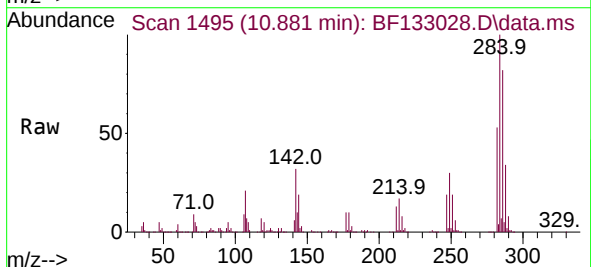
Tgt Ion:248 Resp: 416774
Ion Ratio Lower Upper
248 100
250 95.1 78.7 118.1
141 67.5 56.3 84.5

Manual Integrations
APPROVED

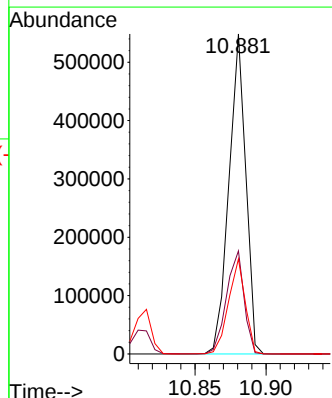
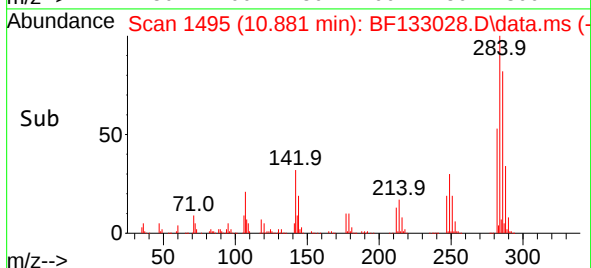
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

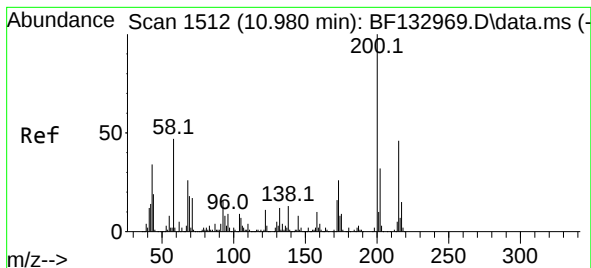


#68
Hexachlorobenzene
Concen: 44.782 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



Tgt Ion:284 Resp: 451967
Ion Ratio Lower Upper
284 100
142 32.2 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 48.533 ng

RT: 10.975 min Scan# 1511

Delta R.T. -0.006 min

Lab File: BF133028.D

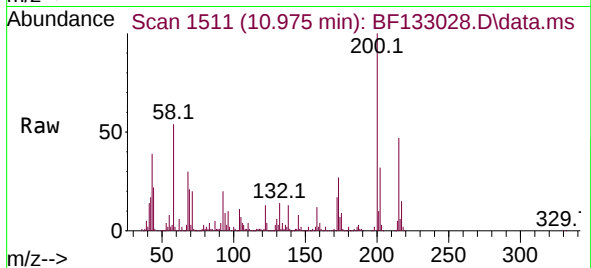
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

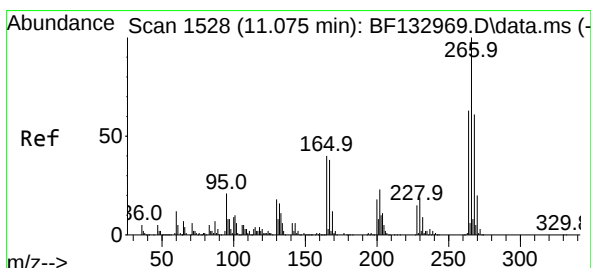
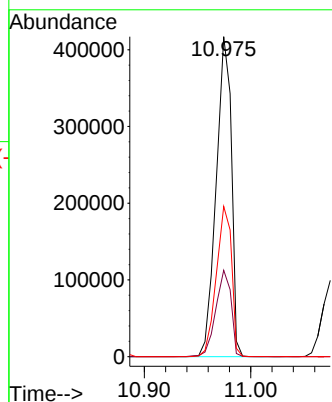
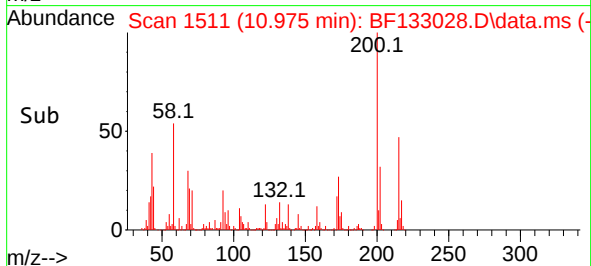


Tgt Ion:	200	Resp:	411954
Ion Ratio	Lower	Upper	
200	100		
173	27.0	6.2	46.2
215	47.0	26.3	66.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 78.264 ng

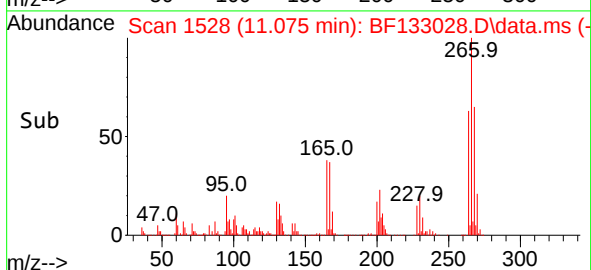
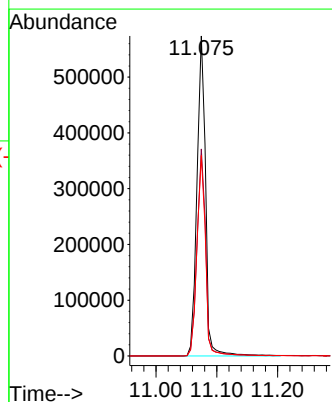
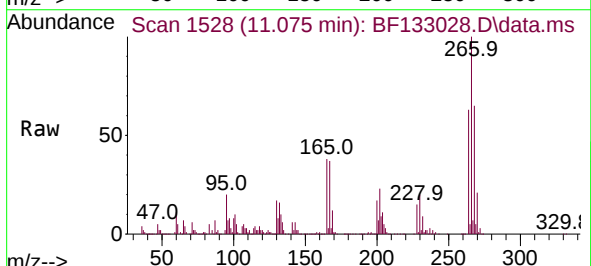
RT: 11.075 min Scan# 1528

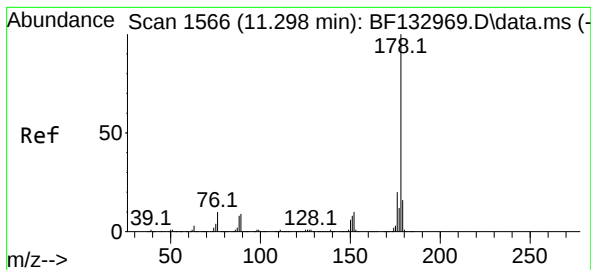
Delta R.T. 0.000 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

Tgt Ion:	266	Resp:	562551
Ion Ratio	Lower	Upper	
266	100		
268	64.7	48.8	73.2
264	62.7	50.6	76.0





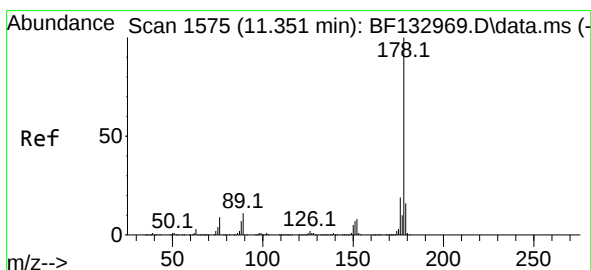
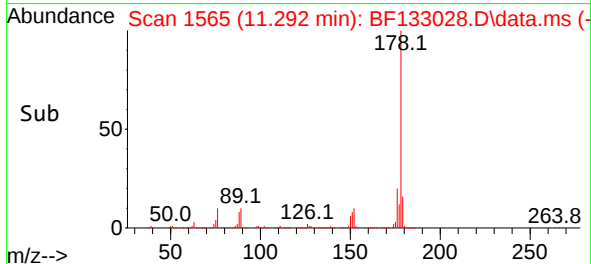
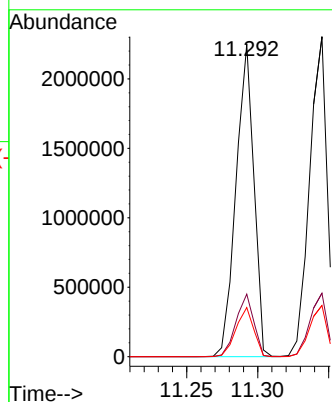
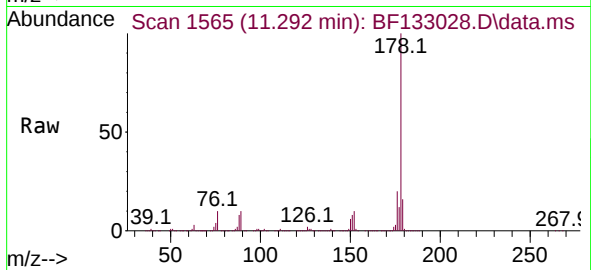
#71
Phenanthrene
Concen: 40.393 ng
RT: 11.292 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :
BNA_F
ClientSampleId :
PB152297BS

Tgt Ion:178 Resp: 1971608
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.7 12.5 18.7

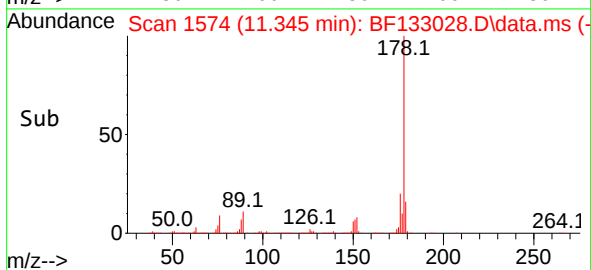
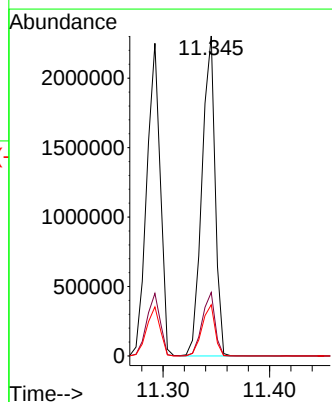
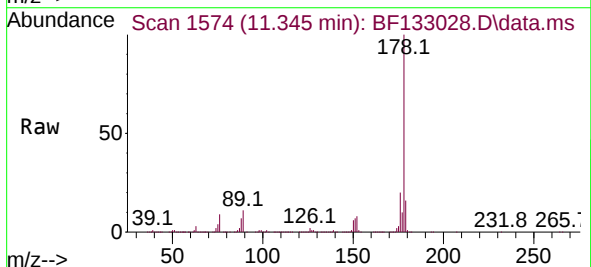
Manual Integrations
APPROVED

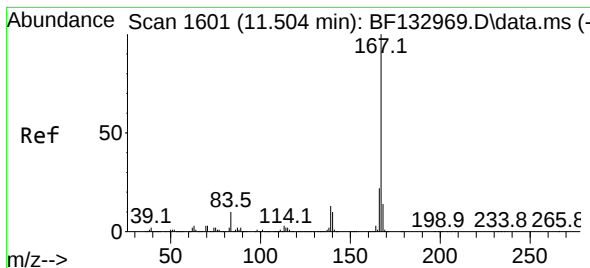
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 39.792 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:178 Resp: 1987693
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.0 12.4 18.6





#73

Carbazole

Concen: 41.654 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

Tgt Ion:167 Resp: 185270

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

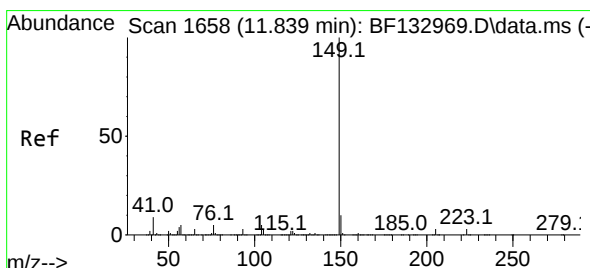
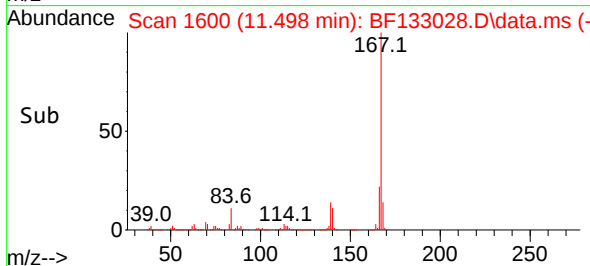
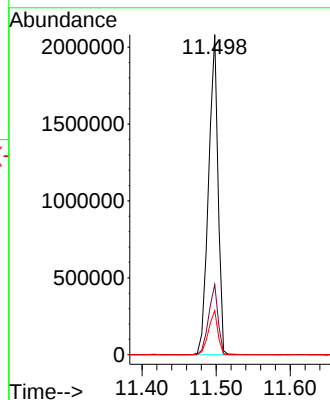
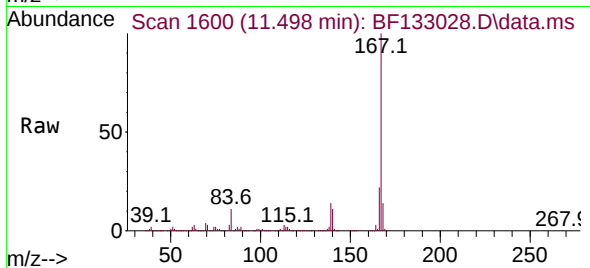
139 13.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#74

Di-n-butylphthalate

Concen: 44.073 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BF133028.D

Acq: 25 Apr 2023 13:07

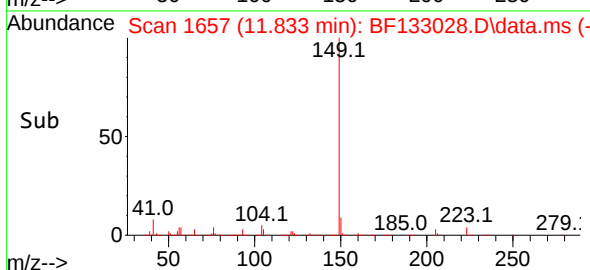
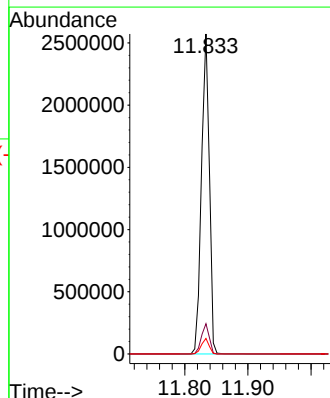
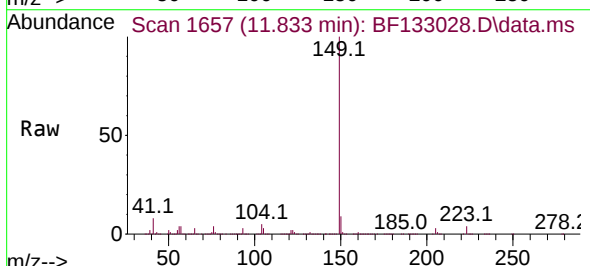
Tgt Ion:149 Resp: 2218391

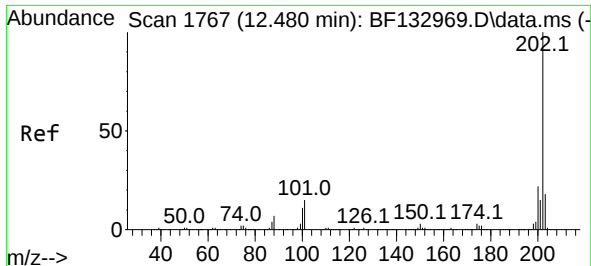
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 41.746 ng
RT: 12.475 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

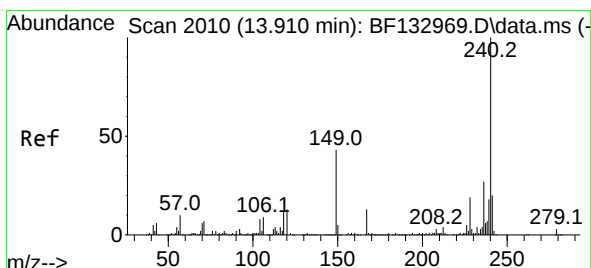
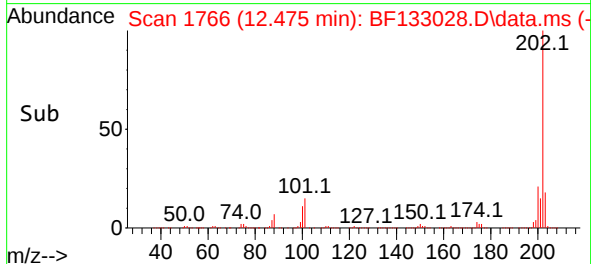
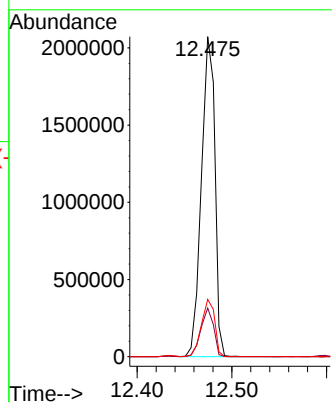
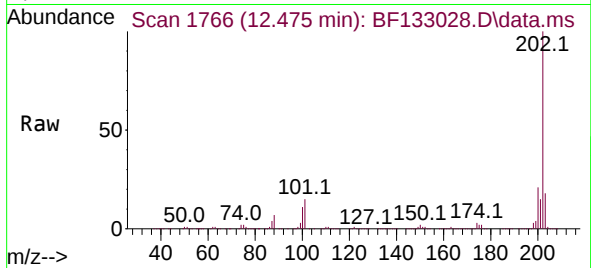
PB152297BS

Tgt Ion:202 Resp: 2045008
Ion Ratio Lower Upper
202 100
101 15.2 0.0 35.3
203 17.9 0.0 38.1

Manual Integrations

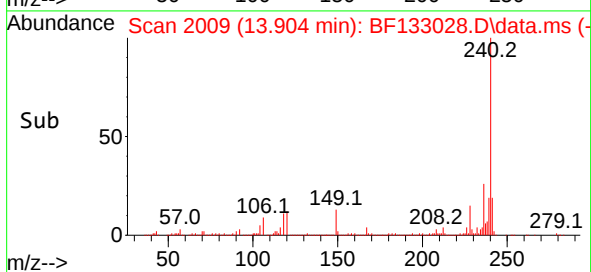
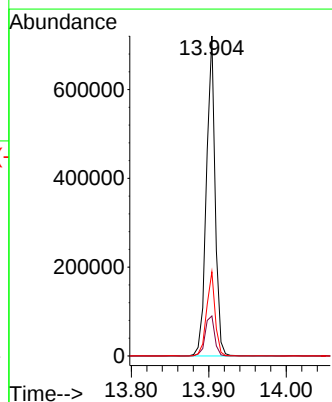
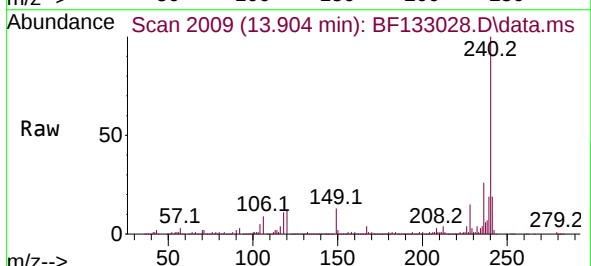
APPROVED

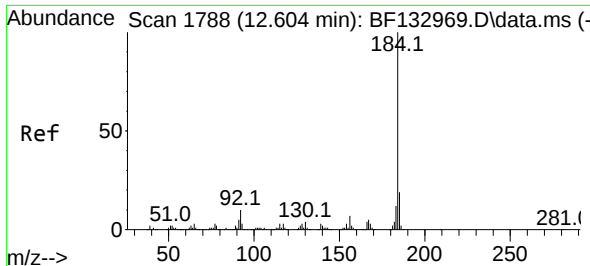
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

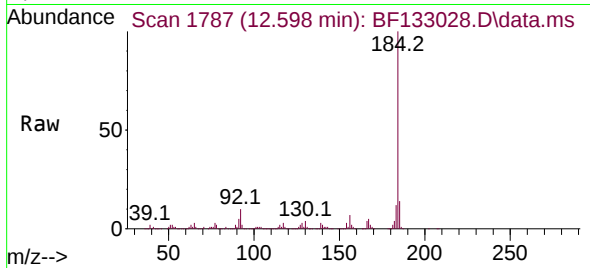
Tgt Ion:240 Resp: 563474
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 26.3 21.5 32.3





#77
Benzidine
Concen: 101.884 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

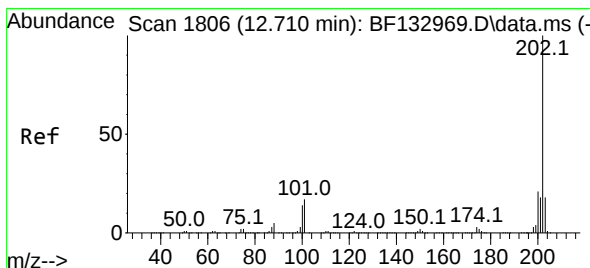
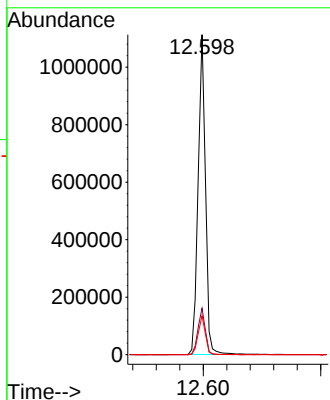
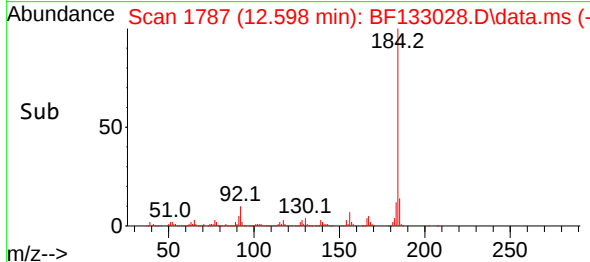
Instrument :
BNA_F
ClientSampleId :
PB152297BS



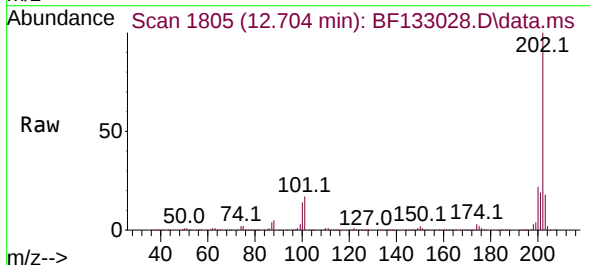
Tgt Ion:184 Resp: 970818
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2
183 12.2 9.4 14.0

Manual Integrations
APPROVED

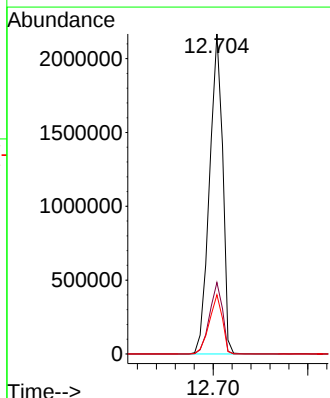
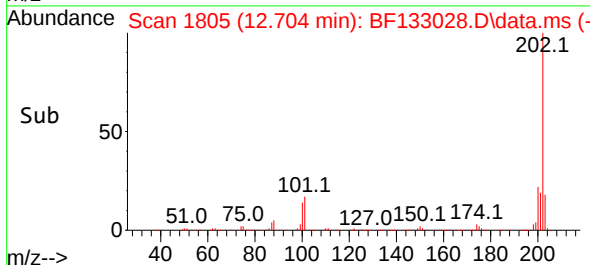
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

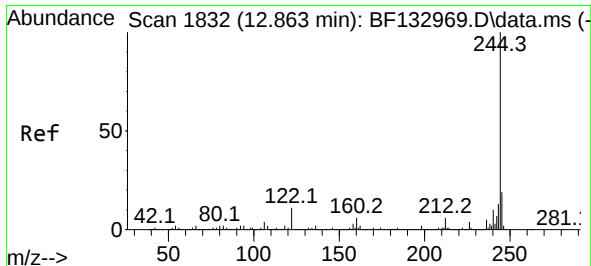


#78
Pyrene
Concen: 43.050 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



Tgt Ion:202 Resp: 2079410
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 18.5 14.1 21.1





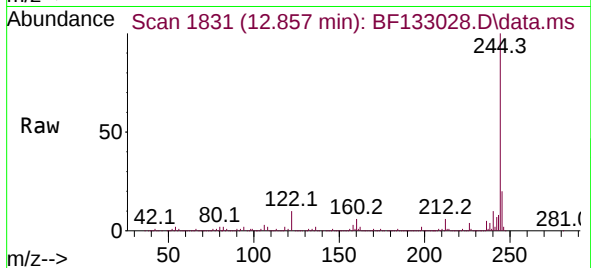
#79
Terphenyl-d14
Concen: 88.554 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

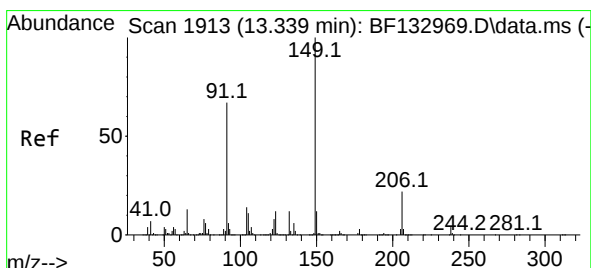
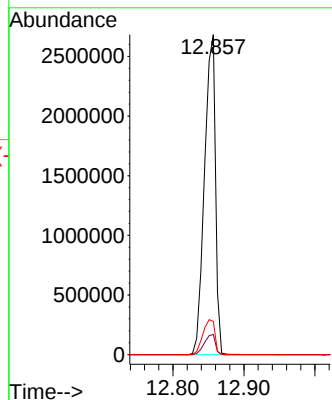
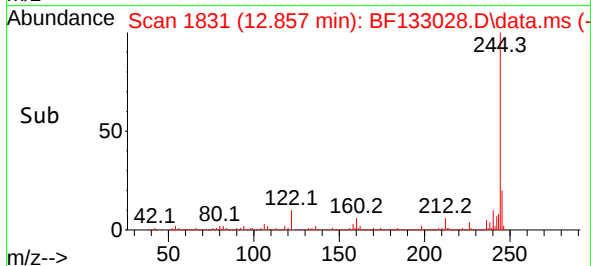


Tgt Ion:244 Resp: 2893179
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 10.4 8.6 13.0

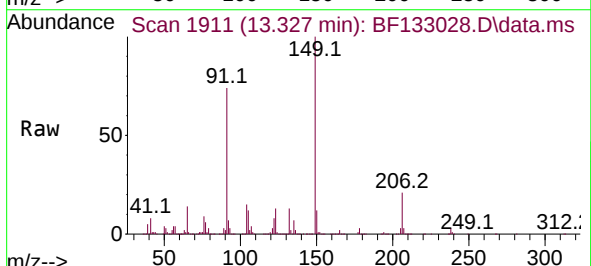
Manual Integrations

APPROVED

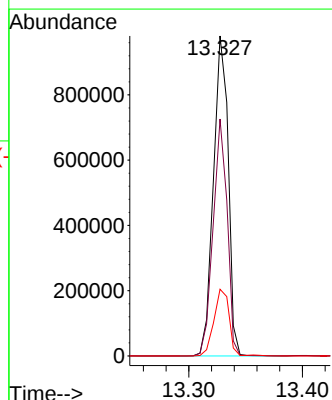
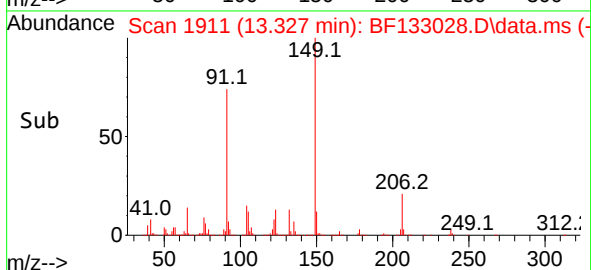
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

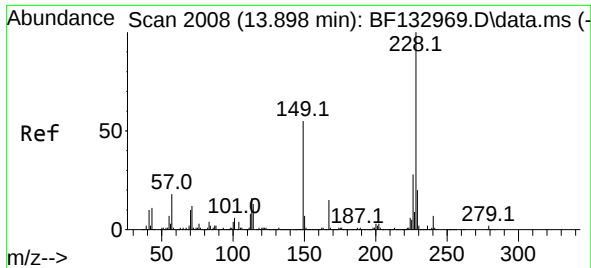


#80
Butylbenzylphthalate
Concen: 51.881 ng
RT: 13.327 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07



Tgt Ion:149 Resp: 887311
Ion Ratio Lower Upper
149 100
91 74.1 53.8 80.6
206 20.9 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.194 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

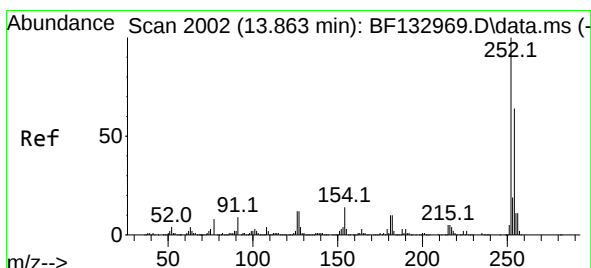
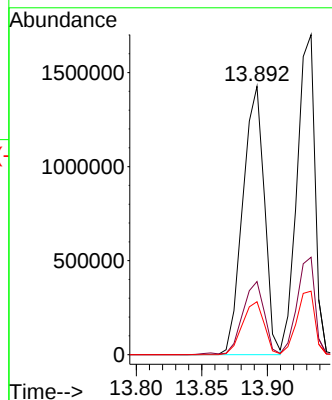
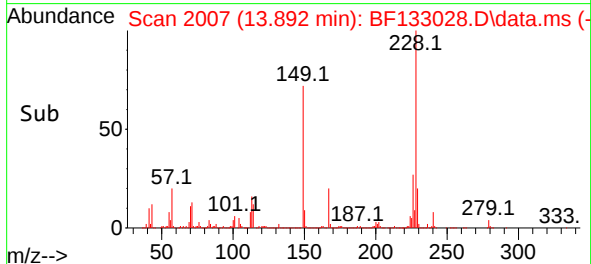
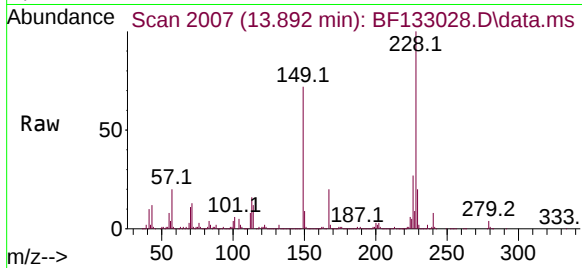
PB152297BS

Tgt Ion:228 Resp: 1634929
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.7 16.0 24.0

Manual Integrations

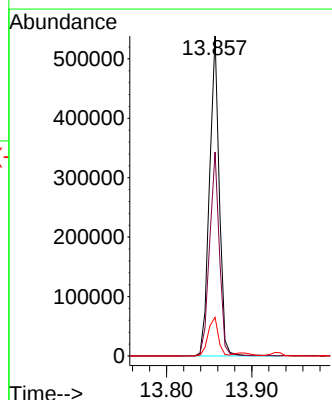
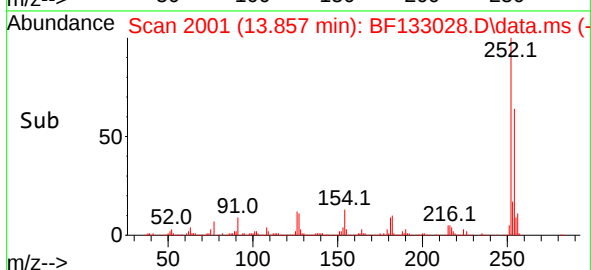
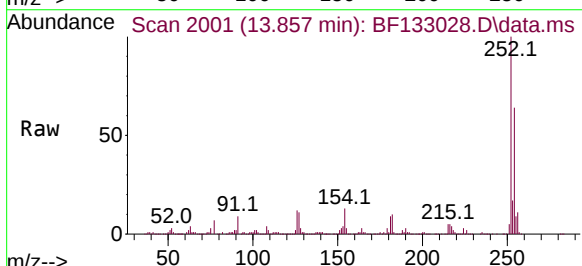
APPROVED

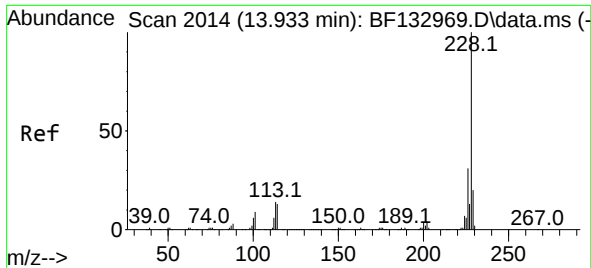
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.050 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

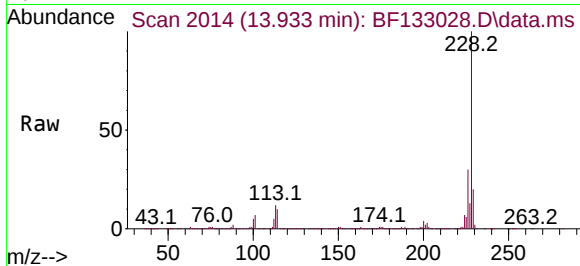
Tgt Ion:252 Resp: 428702
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 12.0 9.5 14.3





#83
Chrysene
Concen: 41.789 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

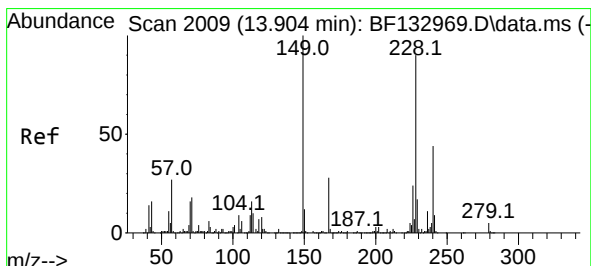
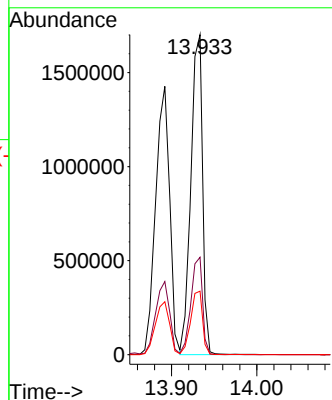
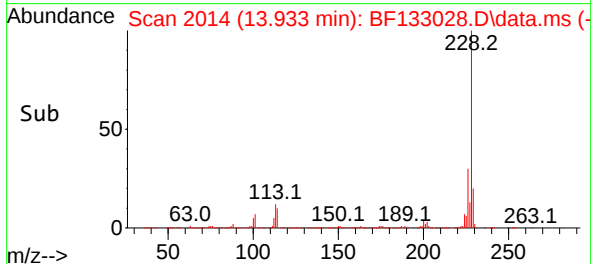
Instrument :
BNA_F
ClientSampleId :
PB152297BS



Tgt Ion:228 Resp: 1618840
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.9 16.1 24.1

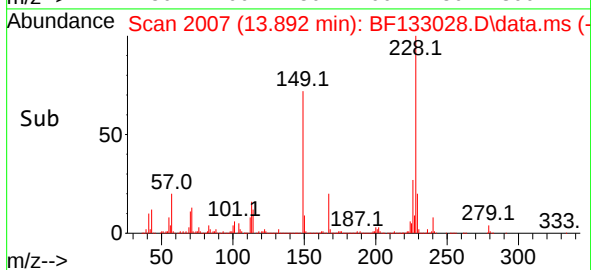
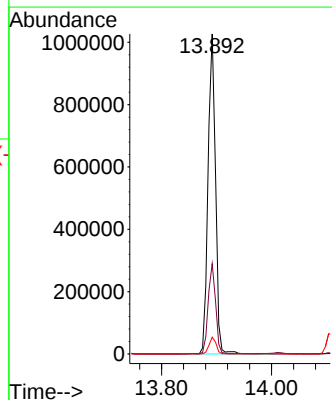
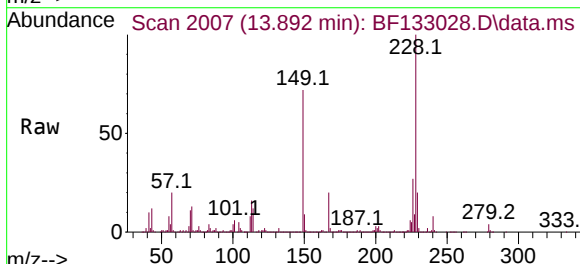
Manual Integrations
APPROVED

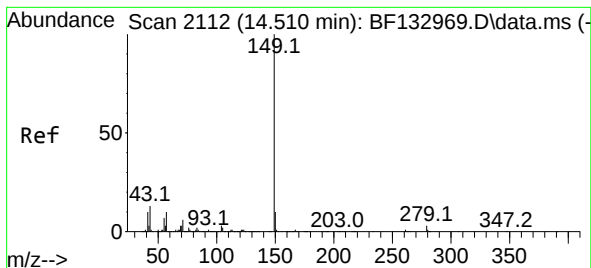
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.913 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:149 Resp: 964154
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: 44.387 ng

RT: 14.504 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF133028.D

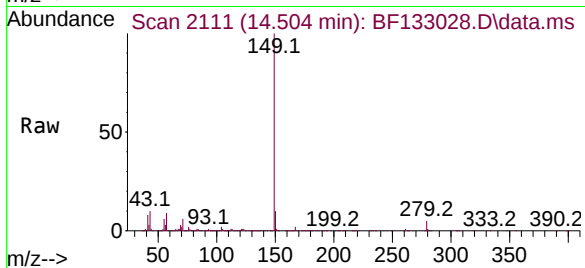
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS



Tgt Ion:149 Resp: 1553680

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

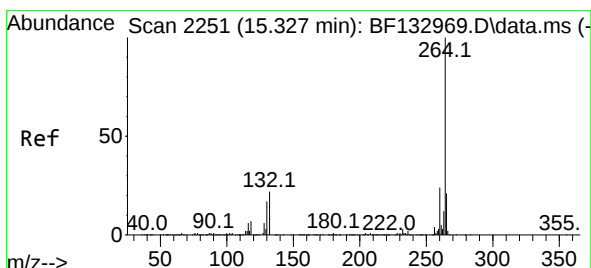
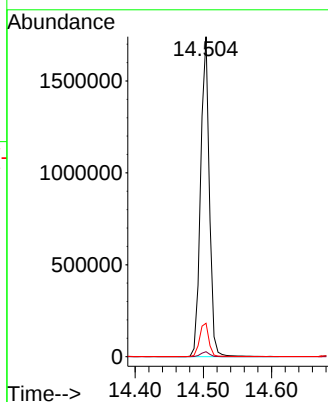
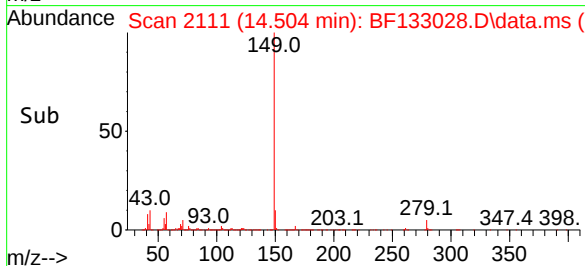
43 11.1 9.5 14.3

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: BF133028.D

Acq: 25 Apr 2023 13:07

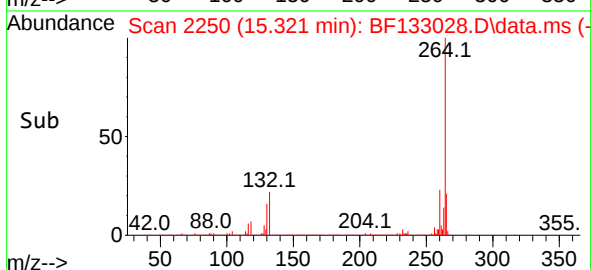
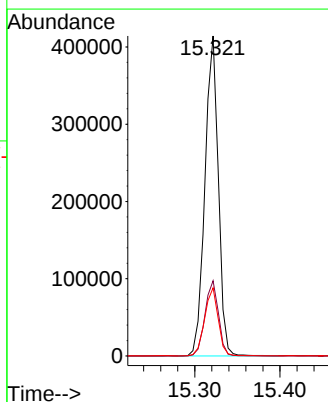
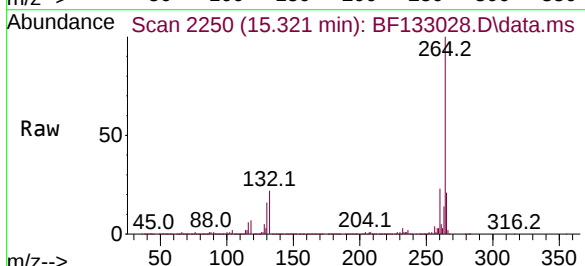
Tgt Ion:264 Resp: 452165

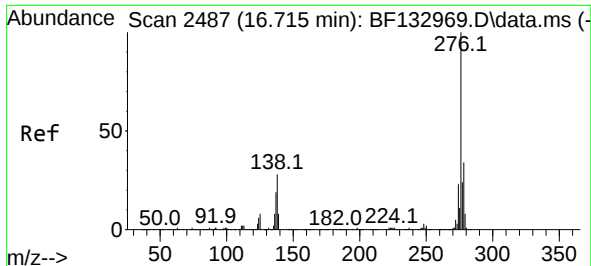
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

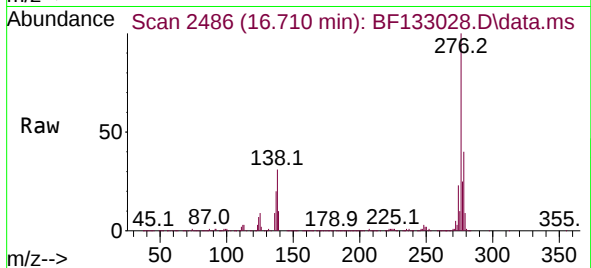
265 21.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.598 ng
RT: 16.710 min Scan# 2487
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

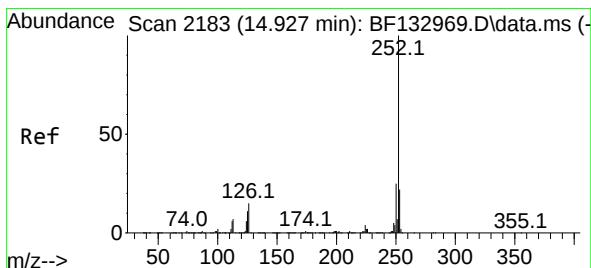
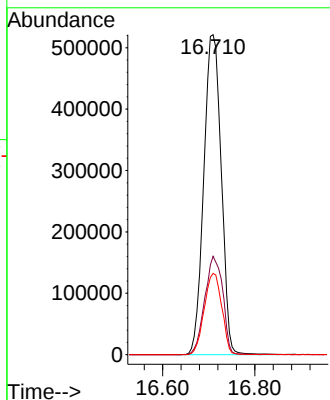
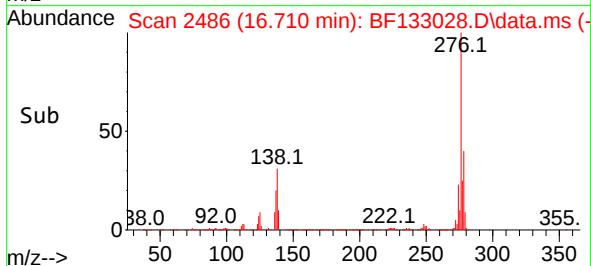
Instrument :
BNA_F
ClientSampleId :
PB152297BS



Tgt Ion:276 Resp: 137855
Ion Ratio Lower Upper
276 100
138 31.7 25.5 38.3
277 25.5 20.4 30.6

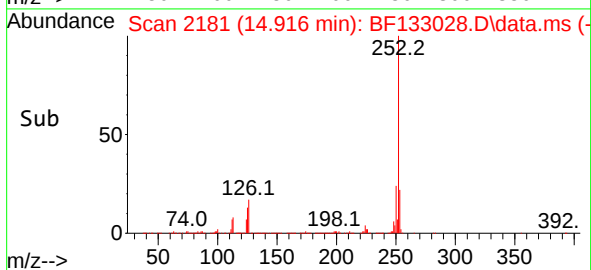
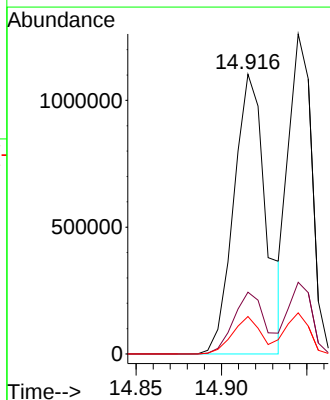
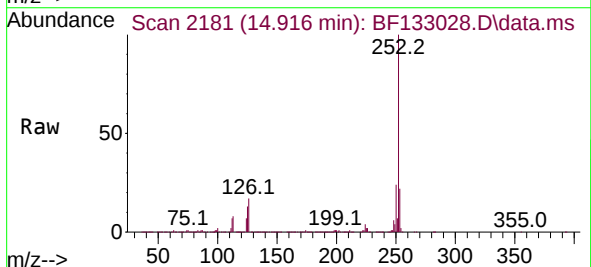
Manual Integrations
APPROVED

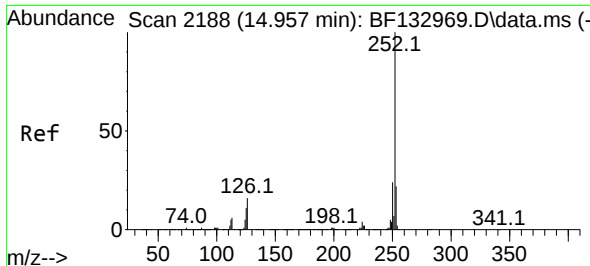
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#88
Benzo(b)fluoranthene
Concen: 50.326 ng m
RT: 14.916 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:252 Resp: 1447687
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 13.4 8.9 13.3#





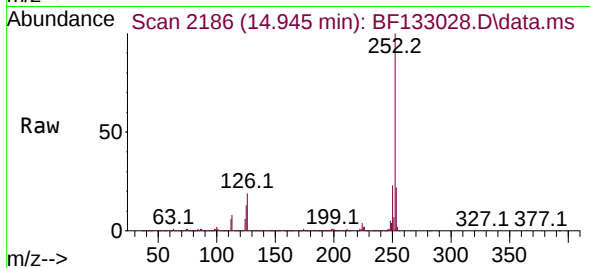
#89
Benzo(k)fluoranthene
Concen: 42.335 ng
RT: 14.945 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

PB152297BS

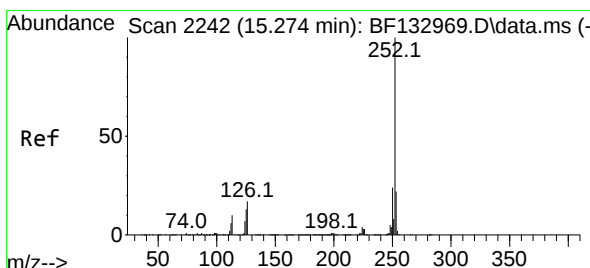
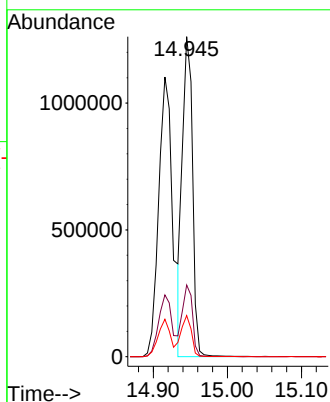
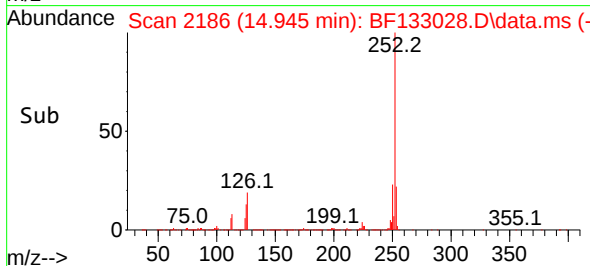


Tgt Ion:252 Resp: 120721
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.8 9.0 13.4

Manual Integrations

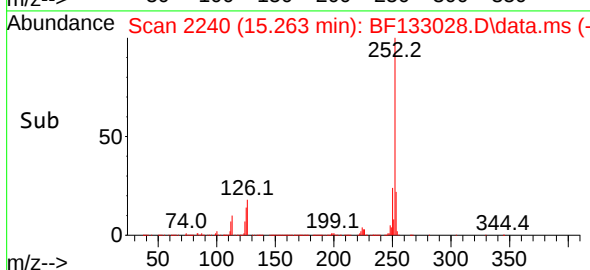
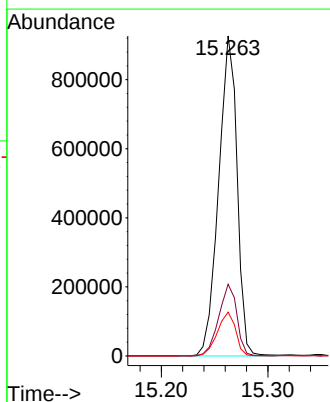
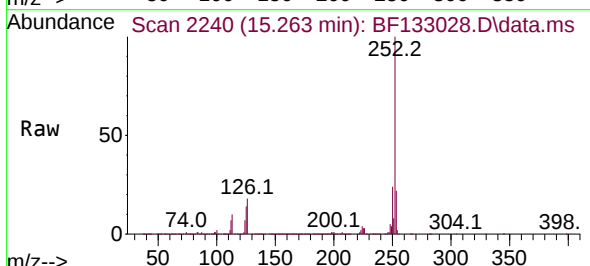
APPROVED

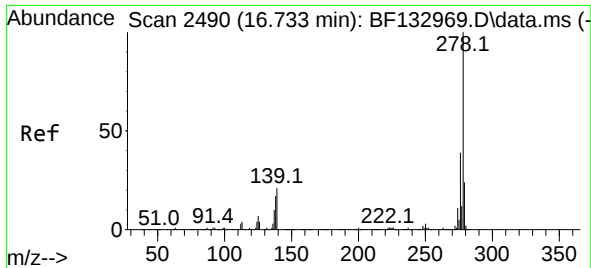
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#90
Benzo(a)pyrene
Concen: 42.479 ng
RT: 15.263 min Scan# 2240
Delta R.T. -0.012 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:252 Resp: 1112233
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 53.689 ng
RT: 16.727 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Instrument :

BNA_F

ClientSampleId :

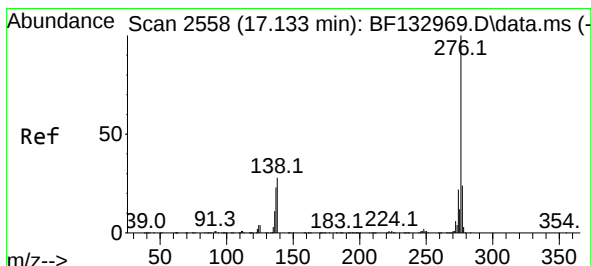
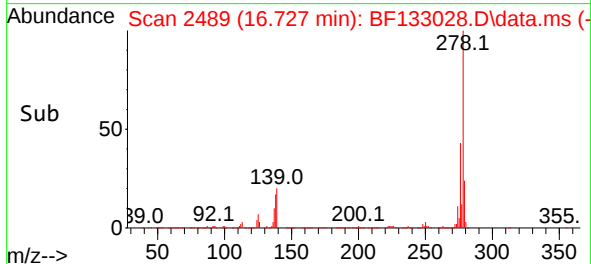
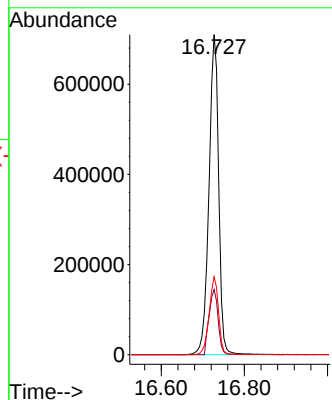
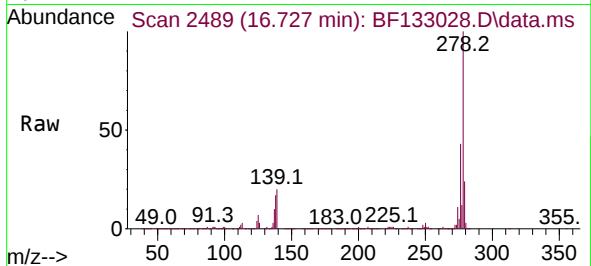
PB152297BS

Tgt Ion:278 Resp: 1151718
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 24.3 18.8 28.2

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 54.989 ng
RT: 17.127 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BF133028.D
Acq: 25 Apr 2023 13:07

Tgt Ion:276 Resp: 1164586
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 27.9 22.7 34.1

