

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127951.D
 Acq On : 27 Apr 2022 18:02
 Operator : CG\JU
 Sample : N2572-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-14SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 05:16:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	110065	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	411102	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	208507	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	308285	20.000	ng	0.00
76) Chrysene-d12	14.110	240	197940	20.000	ng	0.00
86) Perylene-d12	15.621	264	265190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	939191	135.913	ng	0.01
7) Phenol-d6	6.563	99	1208352	134.763	ng	0.00
23) Nitrobenzene-d5	7.498	82	871300	99.664	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	264846	126.179	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1282166	104.030	ng	0.00
79) Terphenyl-d14	13.051	244	903688	83.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	138734	42.079	ng	98
3) Pyridine	3.587	79	364464	43.143	ng	98
4) n-Nitrosodimethylamine	3.551	42	205166	50.174	ng	98
6) Aniline	6.598	93	464293	43.583	ng	99
8) 2-Chlorophenol	6.716	128	355800	49.609	ng	98
9) Benzaldehyde	6.486	77	236571	42.649	ng	96
10) Phenol	6.575	94	428556m	47.389	ng	
11) bis(2-Chloroethyl)ether	6.669	93	363800	48.495	ng	99
12) 1,3-Dichlorobenzene	6.875	146	387795	46.973	ng	98
13) 1,4-Dichlorobenzene	6.951	146	388815	47.183	ng	98
14) 1,2-Dichlorobenzene	7.104	146	372973	48.891	ng	100
15) Benzyl Alcohol	7.075	79	277253	45.470	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	543669	47.418	ng	96
17) 2-Methylphenol	7.181	107	322004	52.035	ng	97
18) Hexachloroethane	7.445	117	150154	49.564	ng	99
19) n-Nitroso-di-n-propyla...	7.345	70	262131	47.758	ng	98
20) 3+4-Methylphenols	7.333	107	343982	46.015	ng	96
22) Acetophenone	7.345	105	477612	47.666	ng	96
24) Nitrobenzene	7.516	77	419815	49.835	ng	99
25) Isophorone	7.751	82	730422	49.641	ng	98
26) 2-Nitrophenol	7.833	139	183084	51.002	ng	94
27) 2,4-Dimethylphenol	7.863	122	311390	52.224	ng	98
28) bis(2-Chloroethoxy)met...	7.963	93	434055	46.030	ng	99
29) 2,4-Dichlorophenol	8.069	162	281801	45.113	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	327352	46.135	ng	99
31) Naphthalene	8.239	128	983714	46.982	ng	100
32) Benzoic acid	7.957	122	83729	19.591	ng	99
33) 4-Chloroaniline	8.286	127	215309	25.989	ng	99
34) Hexachlorobutadiene	8.351	225	210819	47.170	ng	97
35) Caprolactam	8.651	113	73628m	36.515	ng	
36) 4-Chloro-3-methylphenol	8.763	107	295815	44.342	ng	98
37) 2-Methylnaphthalene	8.928	142	636427	45.992	ng	100
38) 1-Methylnaphthalene	9.027	142	604465	44.941	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	303275	49.347	ng	98
41) Hexachlorocyclopentadiene	9.080	237	381727	114.642	ng	97
43) 2,4,6-Trichlorophenol	9.204	196	187476	46.361	ng	99

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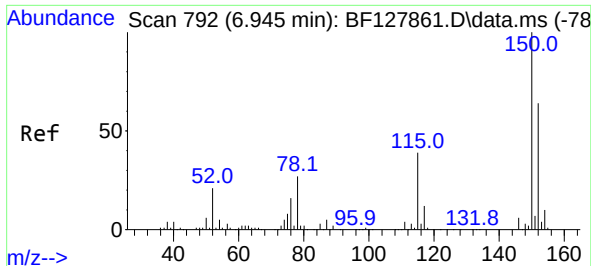
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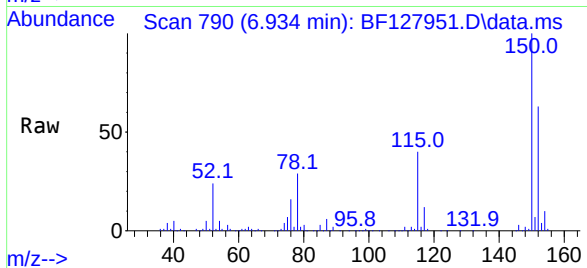
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	199801	45.450	ng	97
46) 1,1'-Biphenyl	9.392	154	759471	49.172	ng	99
47) 2-Chloronaphthalene	9.422	162	565946	48.134	ng	98
48) 2-Nitroaniline	9.516	65	188995	47.519	ng	97
49) Acenaphthylene	9.839	152	894305	49.724	ng	100
50) Dimethylphthalate	9.692	163	615042	43.983	ng	100
51) 2,6-Dinitrotoluene	9.757	165	141586	46.765	ng	97
52) Acenaphthene	10.010	154	595308m	49.233	ng	
53) 3-Nitroaniline	9.927	138	92895	27.631	ng	98
54) 2,4-Dinitrophenol	10.033	184	100808	63.224	ng	89
55) Dibenzofuran	10.180	168	785281	45.013	ng	99
56) 4-Nitrophenol	10.086	139	183101	71.322	ng	96
57) 2,4-Dinitrotoluene	10.163	165	178777	44.578	ng	94
58) Fluorene	10.527	166	577254	44.344	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	152770	41.326	ng	99
60) Diethylphthalate	10.392	149	584836	42.651	ng	100
61) 4-Chlorophenyl-phenyle...	10.516	204	284836	44.032	ng	100
62) 4-Nitroaniline	10.545	138	120931	36.792	ng	98
63) Azobenzene	10.674	77	646974	42.879	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	76539	41.784	ng	96
66) n-Nitrosodiphenylamine	10.633	169	491480	51.235	ng	99
67) 4-Bromophenyl-phenylether	11.010	248	172159	50.375	ng	# 90
68) Hexachlorobenzene	11.069	284	188238	52.279	ng	100
69) Atrazine	11.157	200	149818	50.508	ng	97
70) Pentachlorophenol	11.269	266	158574	74.860	ng	96
71) Phenanthrene	11.492	178	761736	47.203	ng	99
72) Anthracene	11.545	178	776156	48.283	ng	100
73) Carbazole	11.698	167	629619	40.639	ng	98
74) Di-n-butylphthalate	12.021	149	758743	43.553	ng	99
75) Fluoranthene	12.680	202	676277	39.819	ng	98
77) Benzidine	12.804	184	380124	101.493	ng	99
78) Pyrene	12.910	202	672074	42.061	ng	99
80) Butylbenzylphthalate	13.521	149	250960	40.071	ng	99
81) Benzo(a)anthracene	14.098	228	632268	47.923	ng	99
82) 3,3'-Dichlorobenzidine	14.062	252	153620	36.672	ng	100
83) Chrysene	14.139	228	589415	46.779	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	353904	42.611	ng	100
85) Di-n-octyl phthalate	14.698	149	651490	50.617	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	931654	52.633	ng	98
88) Benzo(b)fluoranthene	15.174	252	797564	47.884	ng	100
89) Benzo(k)fluoranthene	15.209	252	707601	42.167	ng	99
90) Benzo(a)pyrene	15.562	252	781062	56.532	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	786999	55.438	ng	97
92) Benzo(g,h,i)perylene	17.645	276	803325	53.696	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

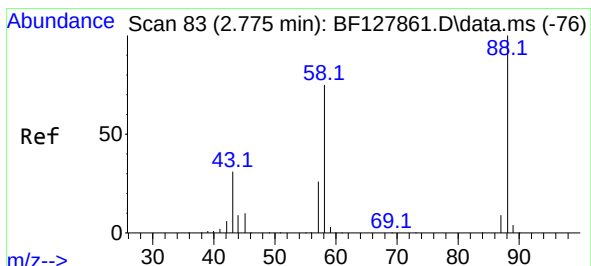
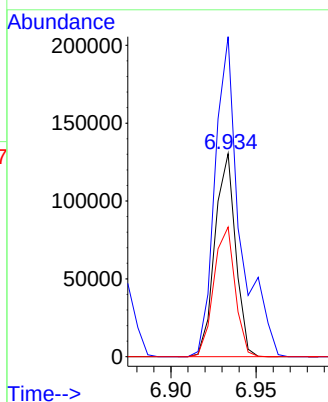
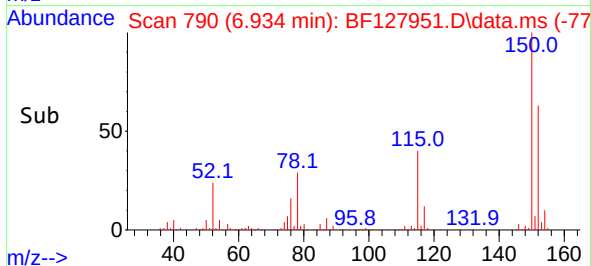
Instrument :
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ClientSampleId :
MH-14SMSD



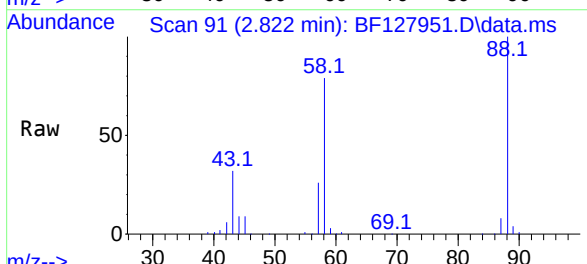
Tgt Ion:152 Resp: 11065
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 63.8 48.8 73.2

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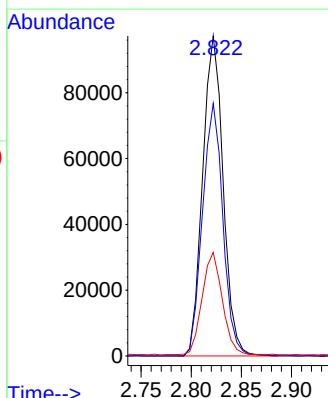
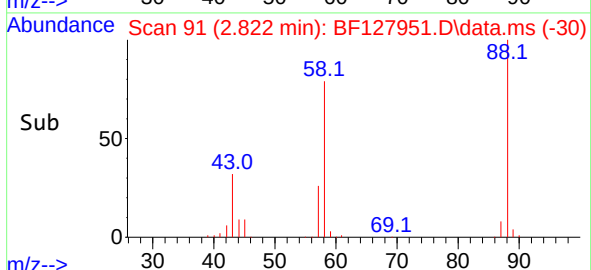
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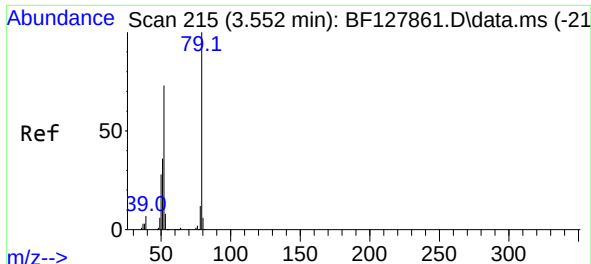


#2
1,4-Dioxane
Concen: 42.079 ng
RT: 2.822 min Scan# 91
Delta R.T. 0.059 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



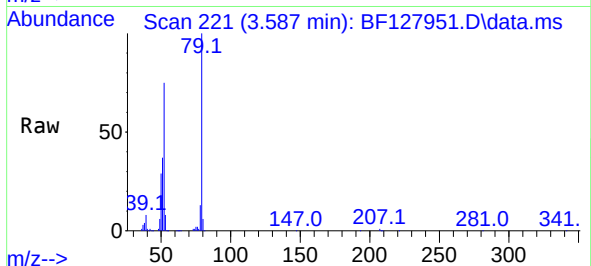
Tgt Ion: 88 Resp: 138734
Ion Ratio Lower Upper
88 100
58 78.7 61.0 91.4
43 31.3 24.9 37.3





#3
Pyridine
Concen: 43.143 ng
RT: 3.587 min Scan# 215
Delta R.T. 0.047 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

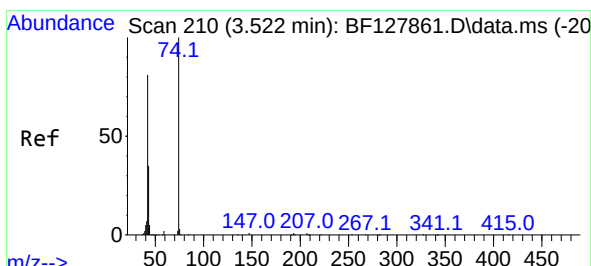
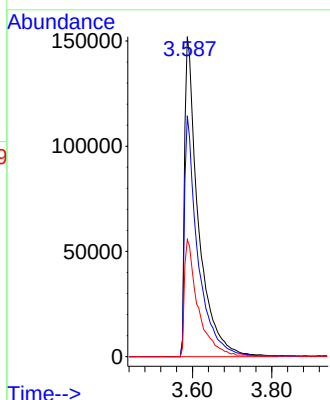
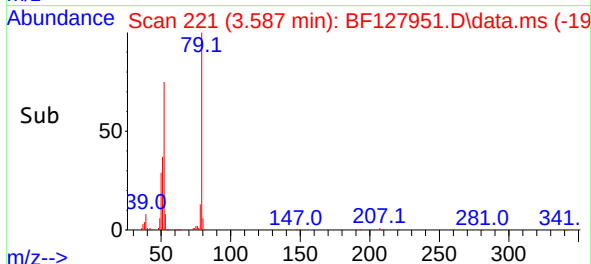
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



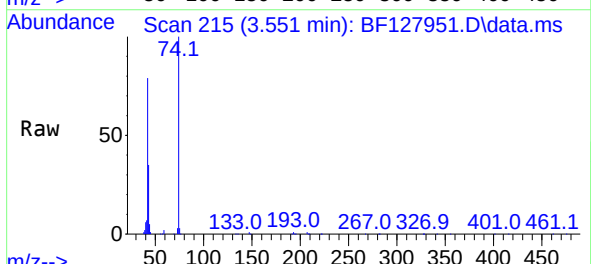
Tgt Ion: 79 Resp: 364464
Ion Ratio Lower Upper
79 100
52 75.3 58.3 87.5
51 36.6 28.6 42.8

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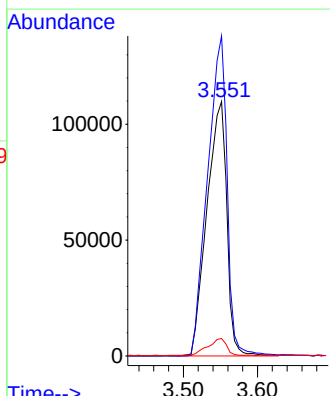
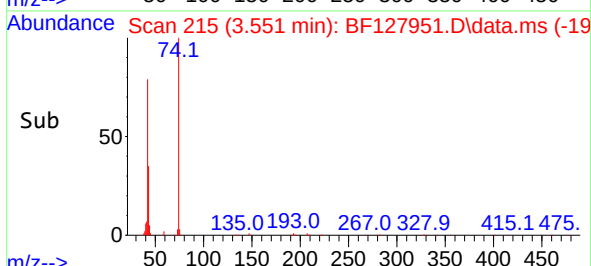
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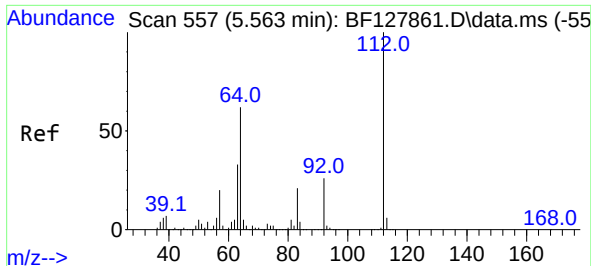


#4
n-Nitrosodimethylamine
Concen: 50.174 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion: 42 Resp: 205166
Ion Ratio Lower Upper
42 100
74 125.8 99.0 148.4
44 6.8 5.2 7.8





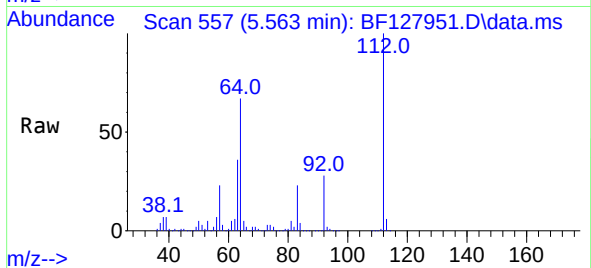
#5
2-Fluorophenol
Concen: 135.913 ng
RT: 5.563 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

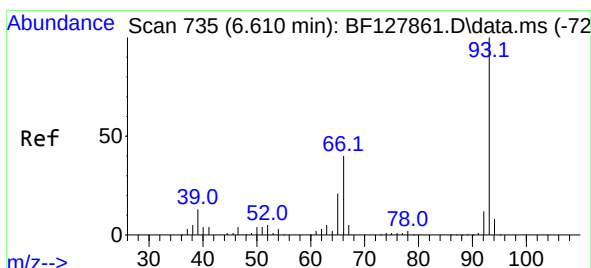
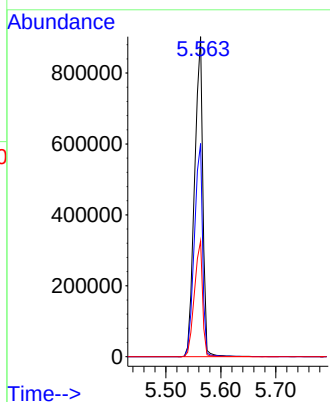
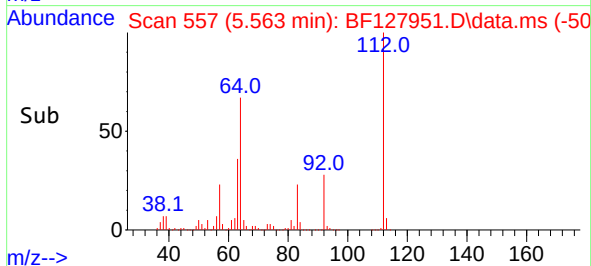


Tgt Ion:112 Resp: 93919
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 36.2 26.3 39.5

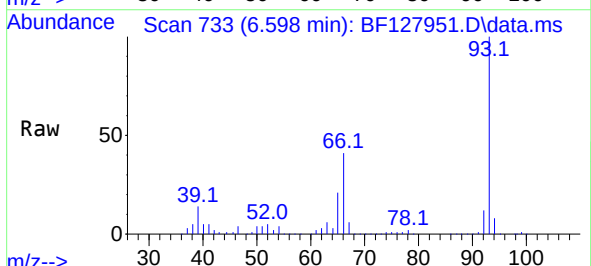
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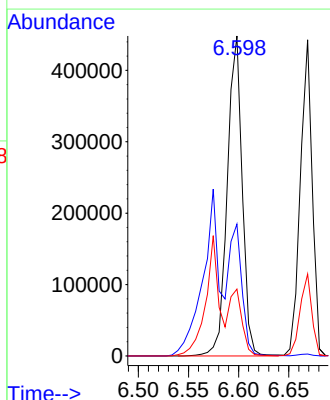
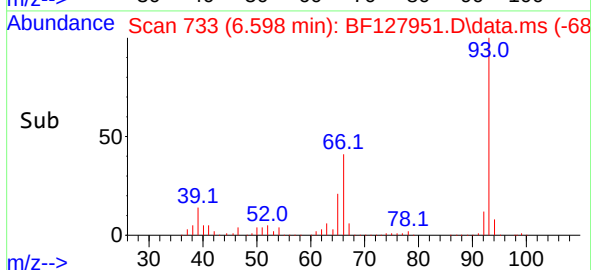
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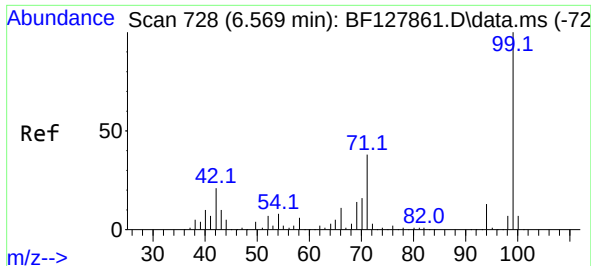


#6
Aniline
Concen: 43.583 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion: 93 Resp: 464293
Ion Ratio Lower Upper
93 100
66 41.2 32.2 48.4
65 20.9 16.7 25.1





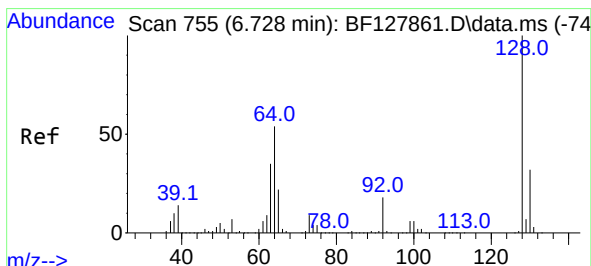
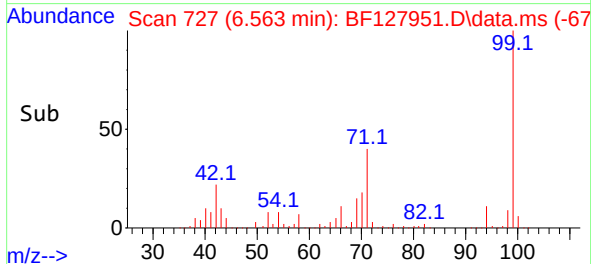
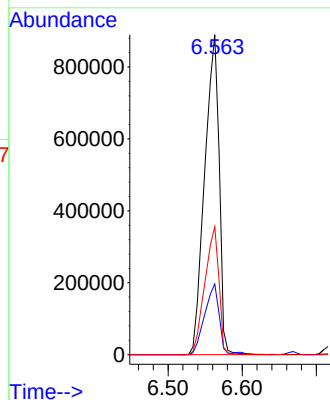
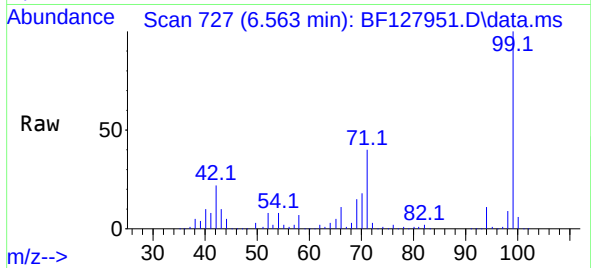
#7
Phenol-d6
Concen: 134.763 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion: 99 Resp: 120835
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 40.0 30.0 45.0

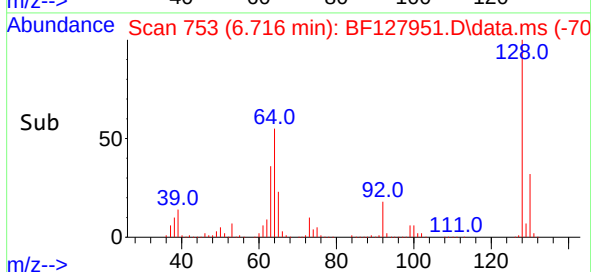
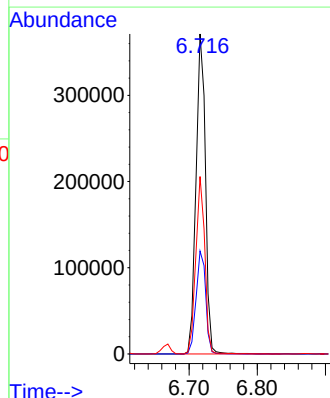
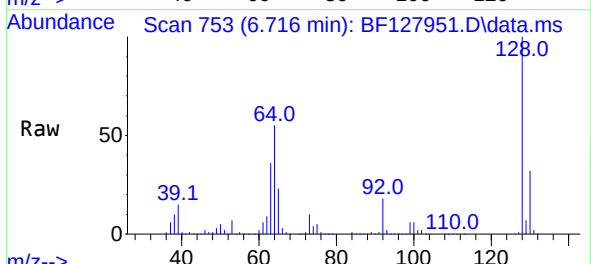
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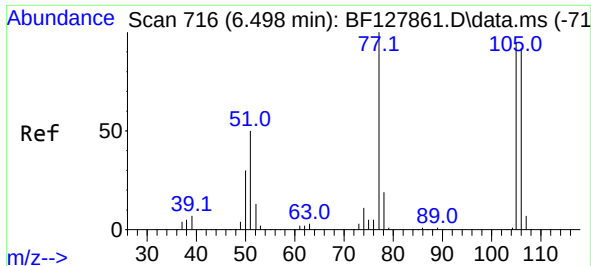
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#8
2-Chlorophenol
Concen: 49.609 ng
RT: 6.716 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:128 Resp: 355800
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 55.4 33.8 73.8





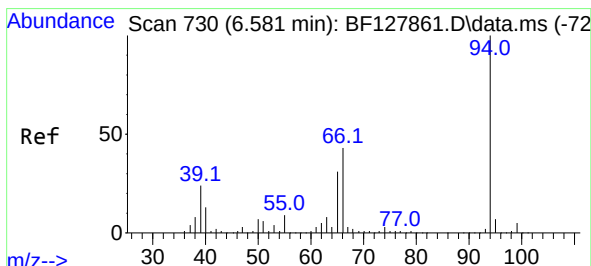
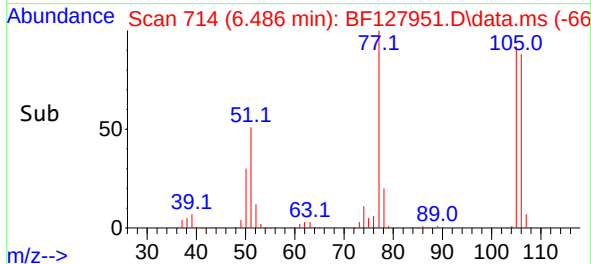
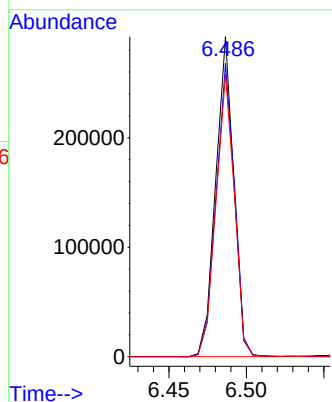
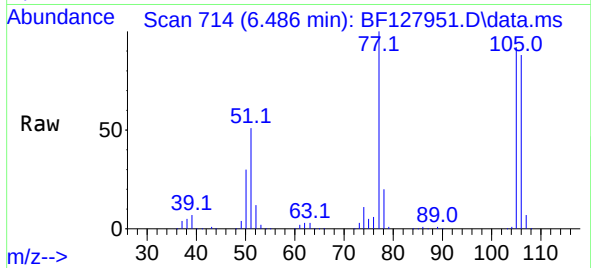
#9
Benzaldehyde
Concen: 42.649 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion: 77 Resp: 23657
Ion Ratio Lower Upper
77 100
105 91.6 74.9 114.9
106 88.4 72.2 112.2

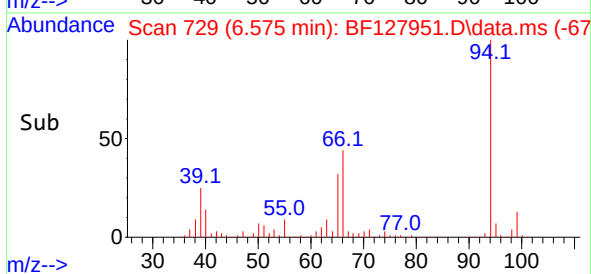
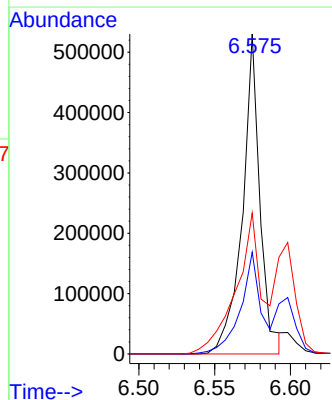
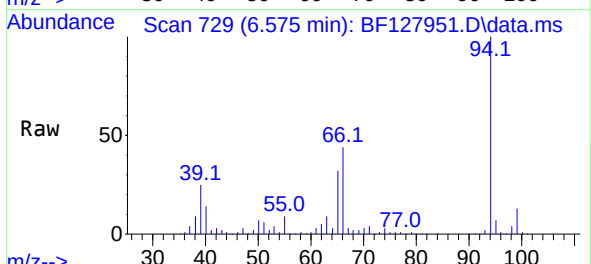
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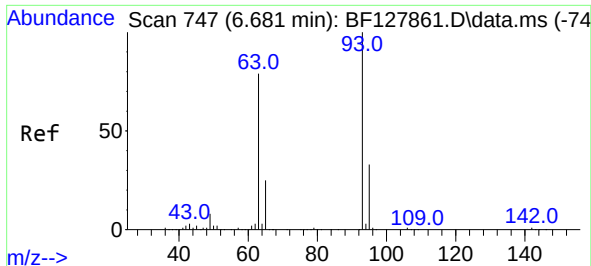
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#10
Phenol
Concen: 47.389 ng m
RT: 6.575 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion: 94 Resp: 428556
Ion Ratio Lower Upper
94 100
65 31.8 10.6 50.6
66 44.1 22.6 62.6





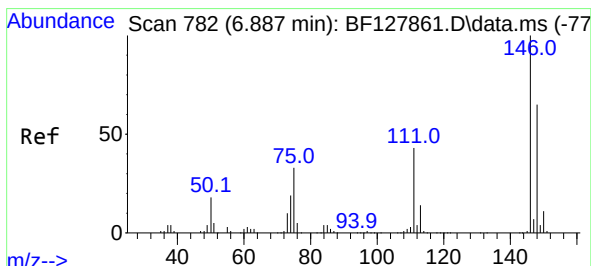
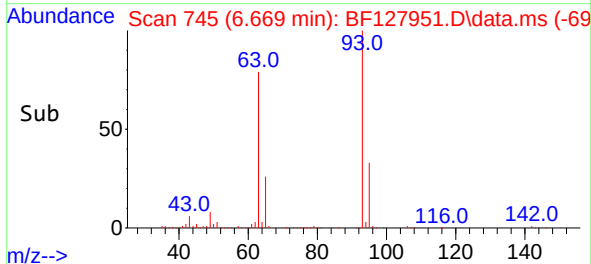
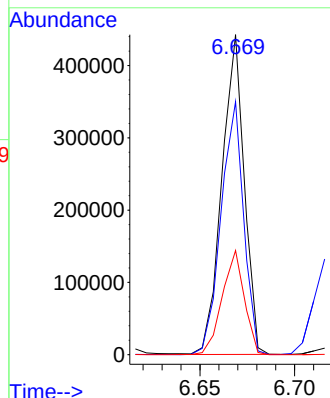
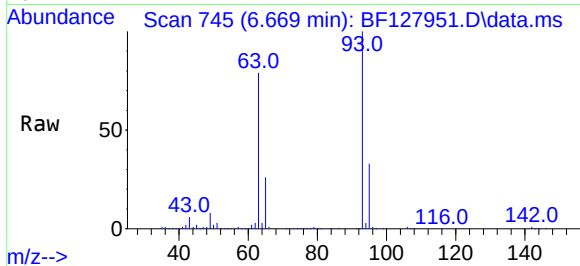
#11
bis(2-Chloroethyl)ether
Concen: 48.495 ng
RT: 6.669 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion: 93 Resp: 363800
Ion Ratio Lower Upper
93 100
63 79.1 58.6 98.6
95 32.5 12.9 52.9

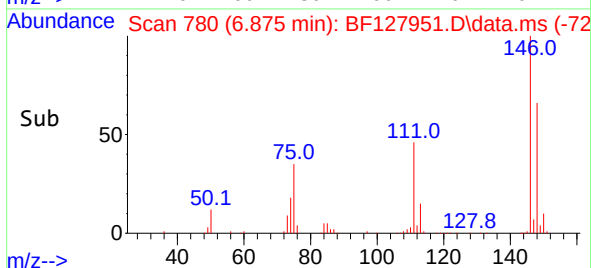
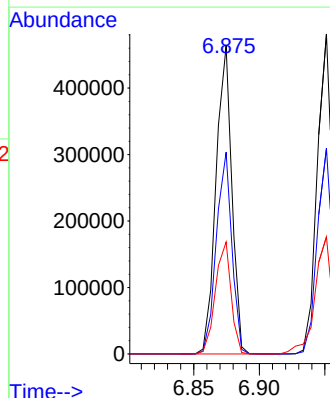
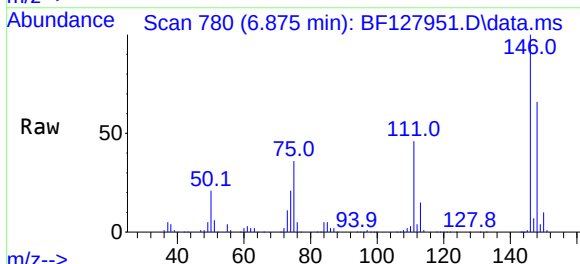
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

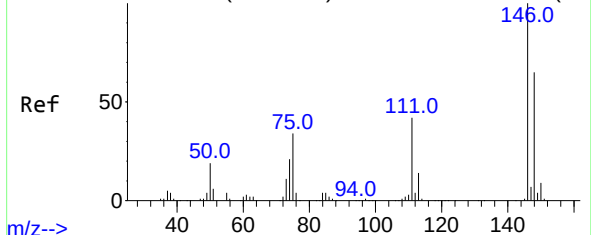


#12
1,3-Dichlorobenzene
Concen: 46.973 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

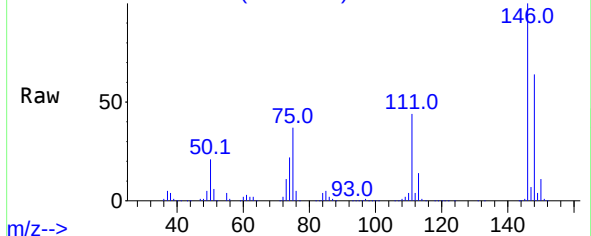
Tgt Ion:146 Resp: 387795
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
75 36.4 26.2 39.4



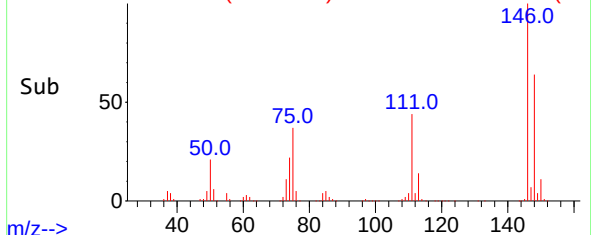
Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



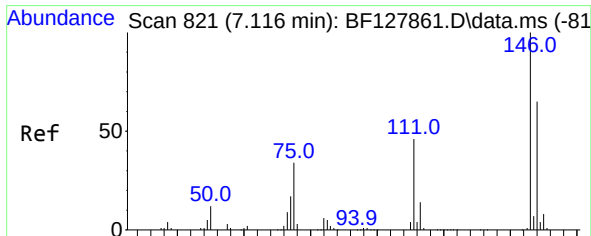
m/z--> Abundance Scan 793 (6.951 min): BF127951.D\data.ms



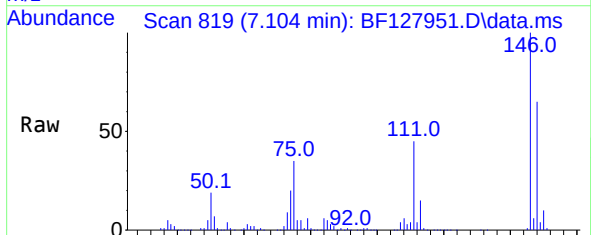
m/z--> Abundance Scan 793 (6.951 min): BF127951.D\data.ms (-74



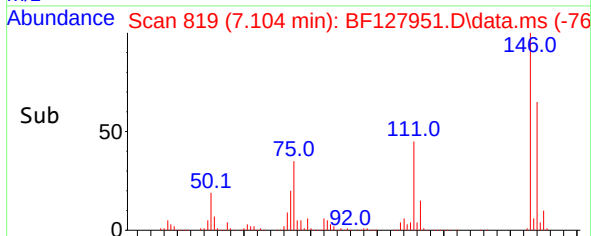
m/z--> Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



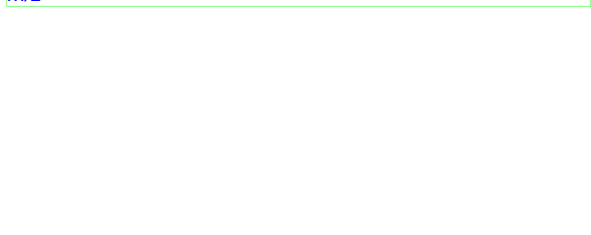
m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms



m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76



m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76



m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

m/z--> Abundance Scan 819 (7.104 min): BF127951.D\data.ms (-76

#13
1,4-Dichlorobenzene
Concen: 47.183 ng
RT: 6.951 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:146 Resp: 388815
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
111 43.8 33.9 50.9

Instrument :

BNA_F

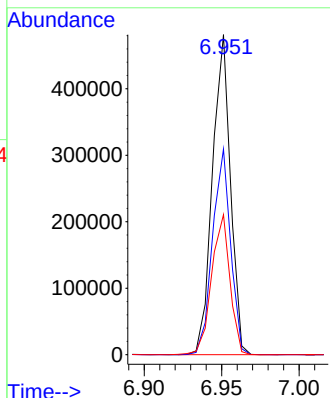
ClientSampleId :

MH-14SMSD

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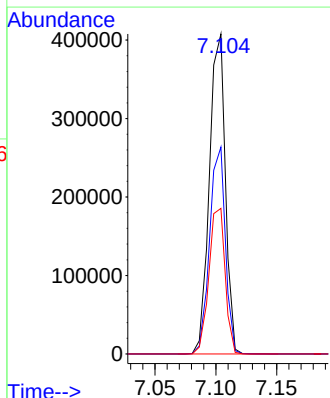
APPROVED

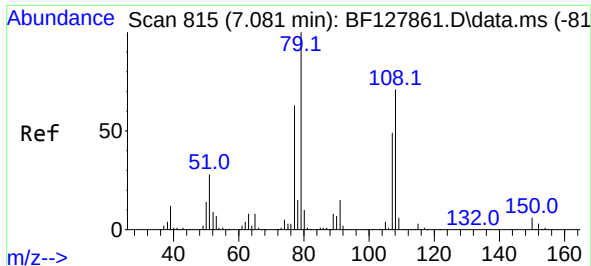
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#14
1,2-Dichlorobenzene
Concen: 48.891 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

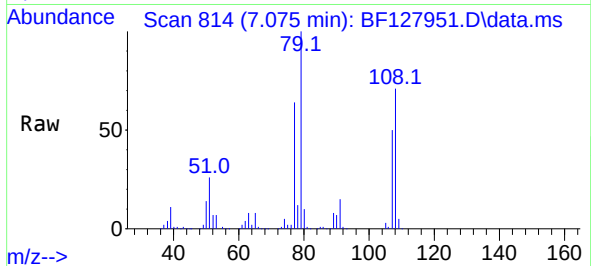
Tgt Ion:146 Resp: 372973
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 45.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 45.470 ng
RT: 7.075 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

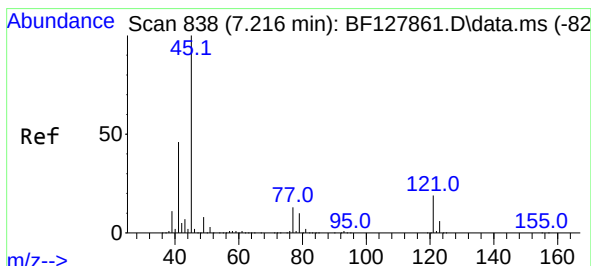
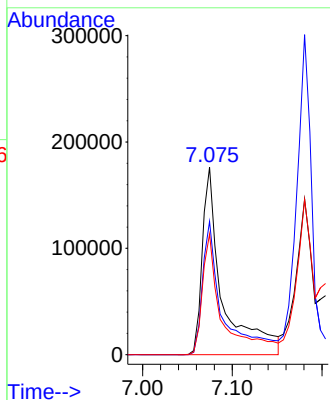
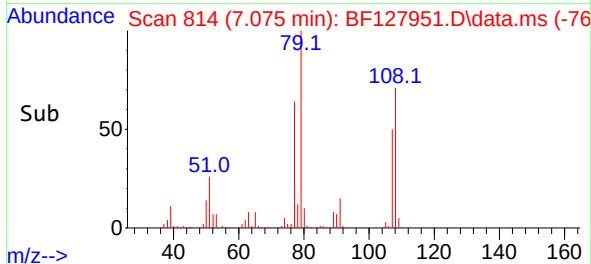
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



Tgt Ion: 79 Resp: 27725
Ion Ratio Lower Upper
79 100
108 71.1 57.0 85.6
77 64.3 50.2 75.4

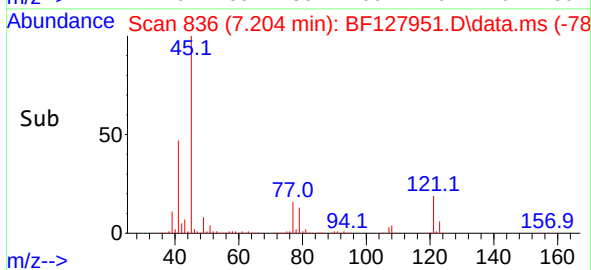
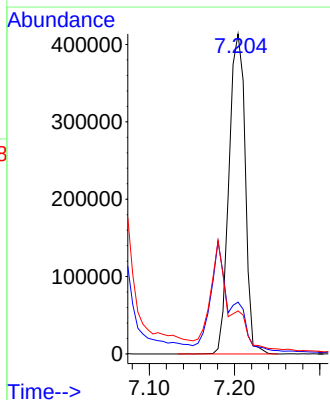
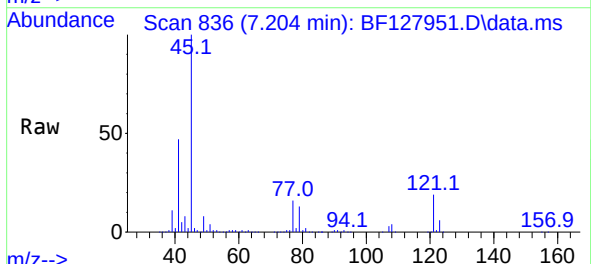
Manual Integrations
APPROVED

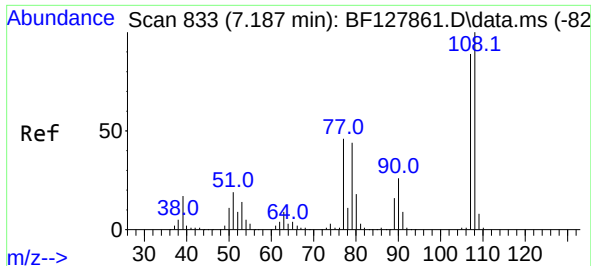
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.418 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion: 45 Resp: 543669
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.9
79 13.4 0.0 31.6





#17
2-Methylphenol
Concen: 52.035 ng
RT: 7.181 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

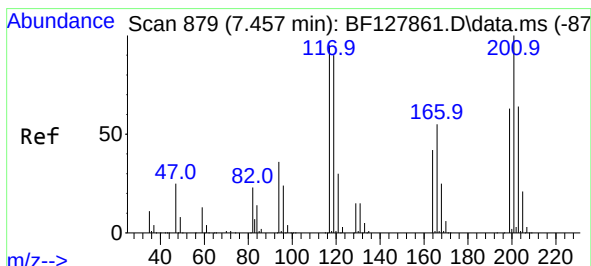
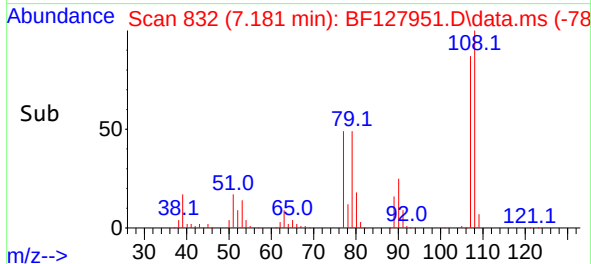
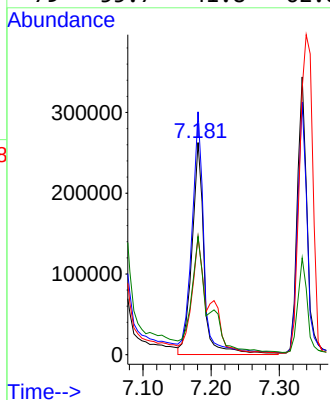
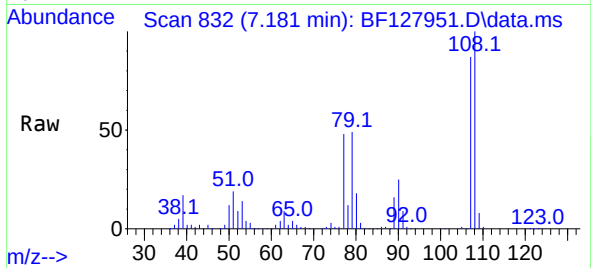
MH-14SMSD

Tgt Ion:107 Resp: 322004
Ion Ratio Lower Upper
107 100
108 114.5 90.2 135.2
77 55.5 41.9 62.9
79 55.7 41.8 62.8

Manual Integrations

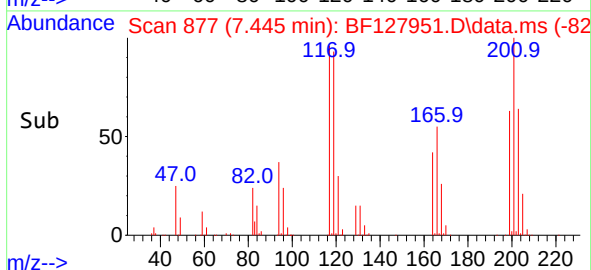
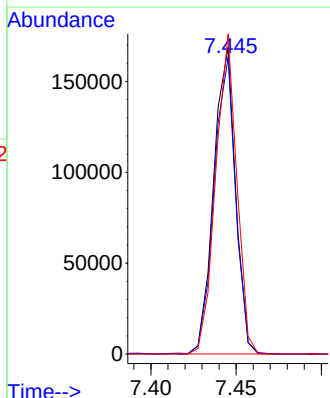
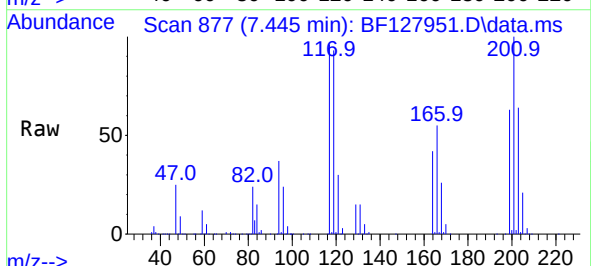
APPROVED

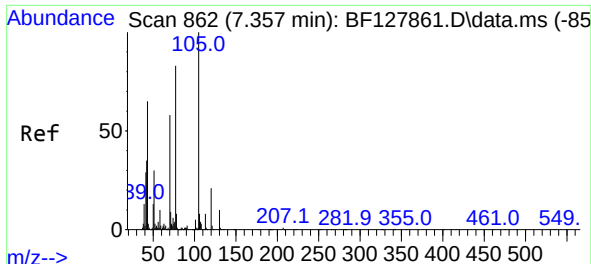
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#18
Hexachloroethane
Concen: 49.564 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

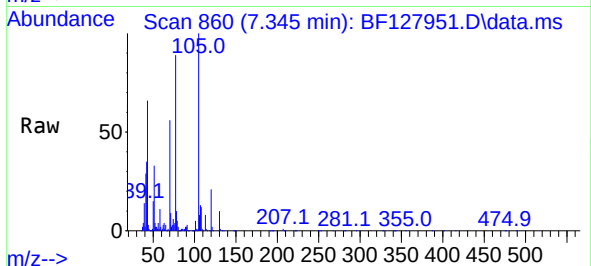
Tgt Ion:117 Resp: 150154
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4
201 104.4 84.4 126.6





#19
n-Nitroso-di-n-propylamine
Concen: 47.758 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

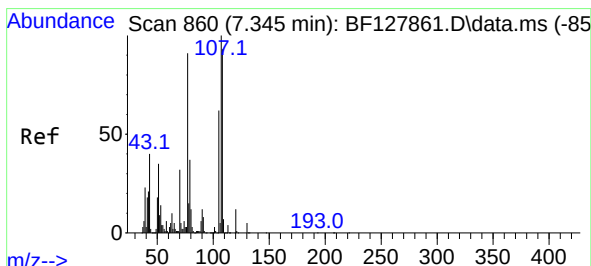
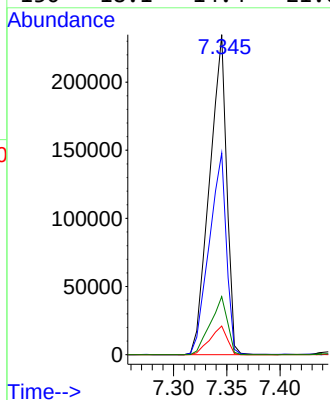
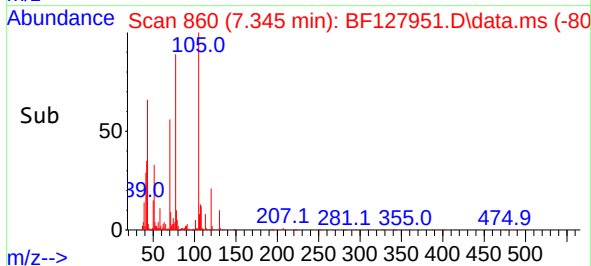
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



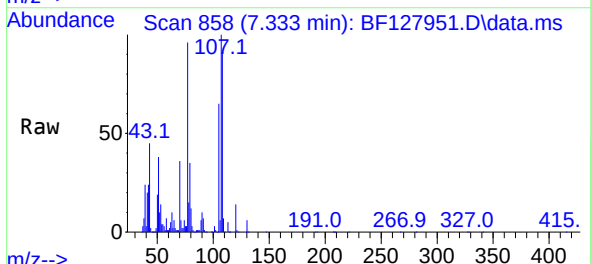
Tgt Ion: 70 Resp: 26213
Ion Ratio Lower Upper
70 100
42 63.0 48.7 73.1
101 9.0 7.2 10.8
130 18.1 14.4 21.6

Manual Integrations
APPROVED

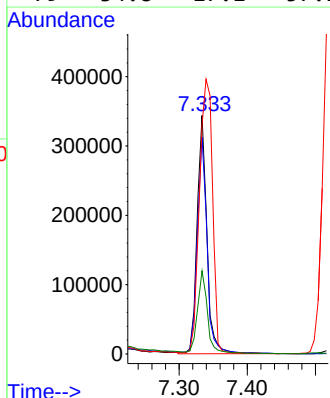
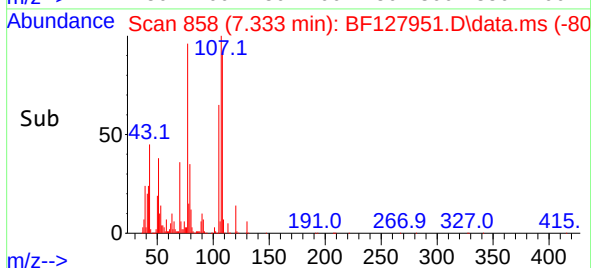
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

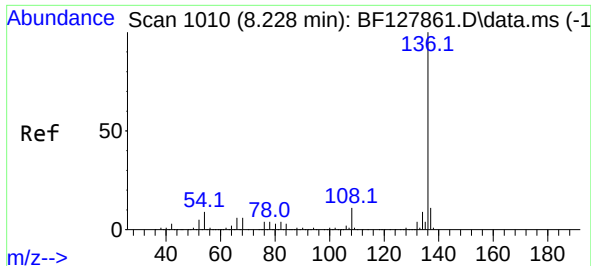


#20
3+4-Methylphenols
Concen: 46.015 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



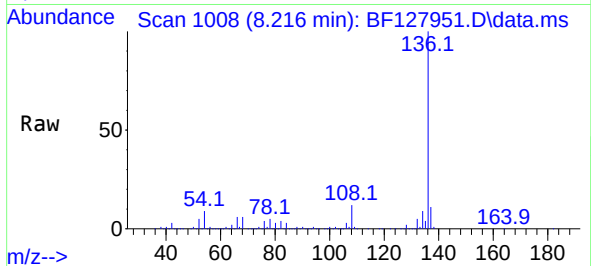
Tgt Ion:107 Resp: 343982
Ion Ratio Lower Upper
107 100
108 90.9 73.4 113.4
77 95.9 71.1 111.1
79 34.8 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

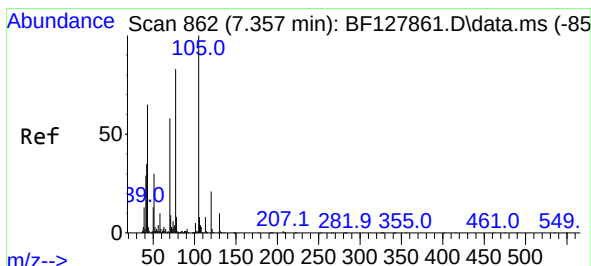
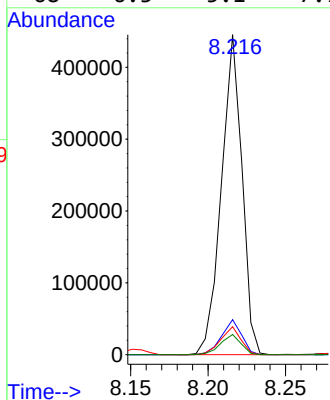
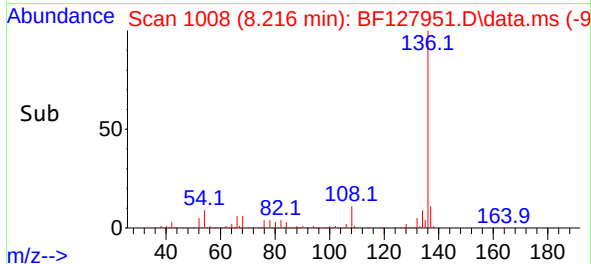
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



Tgt Ion:136 Resp: 41110
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.8 10.2
68 6.3 5.1 7.7

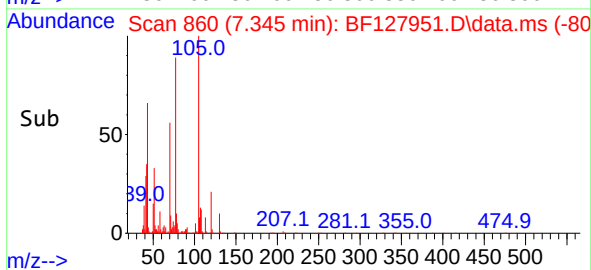
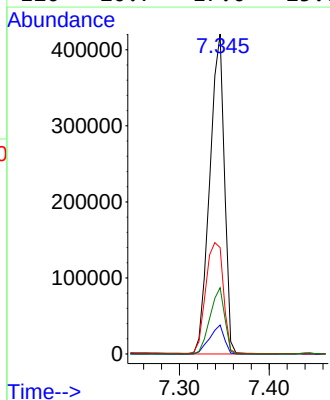
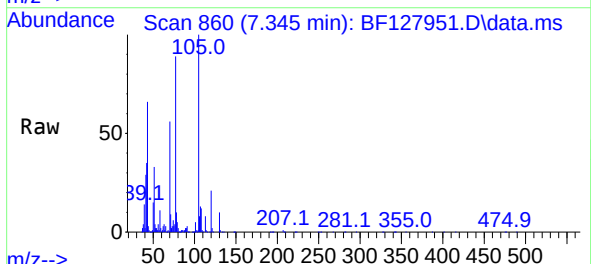
Manual Integrations
APPROVED

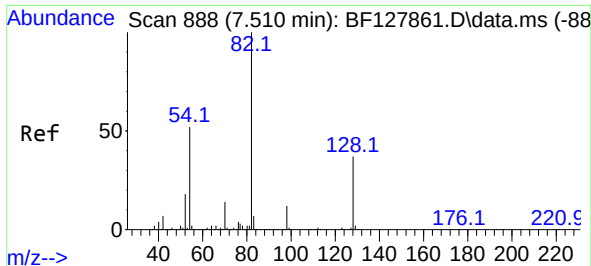
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#22
Acetophenone
Concen: 47.666 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

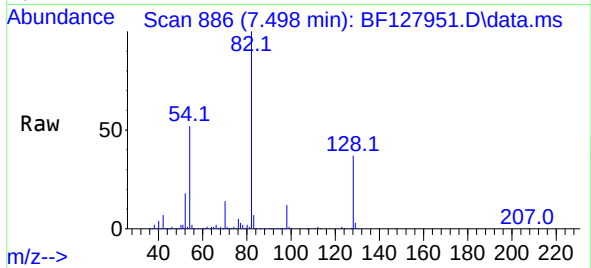
Tgt Ion:105 Resp: 477612
Ion Ratio Lower Upper
105 100
71 9.1 7.3 10.9
51 33.2 23.7 35.5
120 20.7 17.0 25.6





#23
Nitrobenzene-d5
Concen: 99.664 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

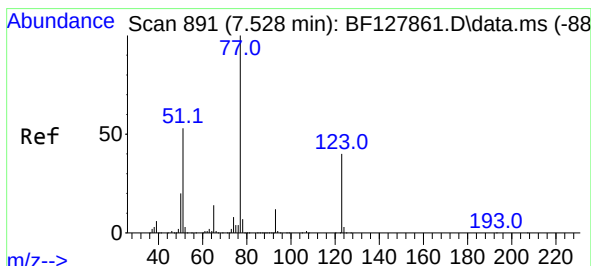
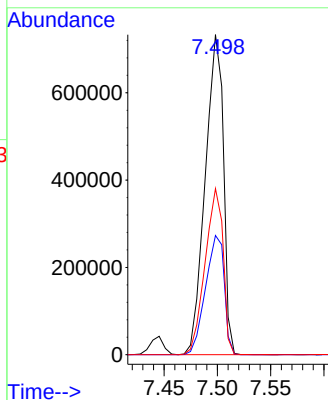
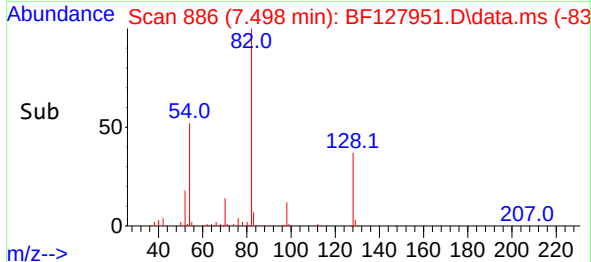
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



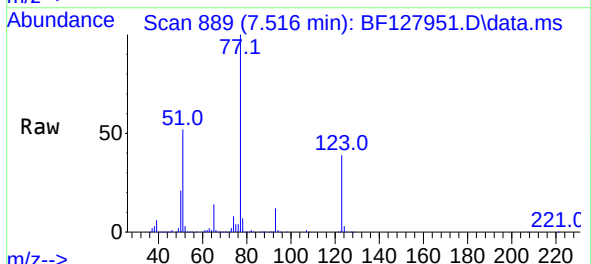
Tgt Ion: 82 Resp: 871300
Ion Ratio Lower Upper
82 100
128 37.3 30.0 45.0
54 51.9 41.3 61.9

Manual Integrations
APPROVED

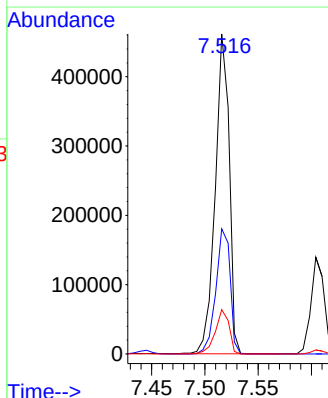
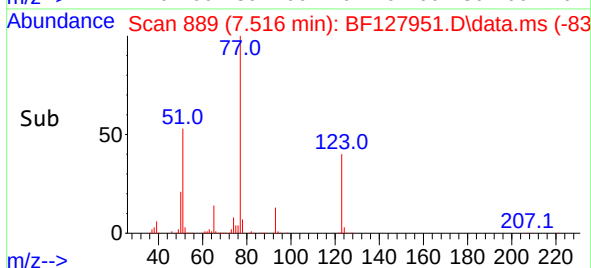
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

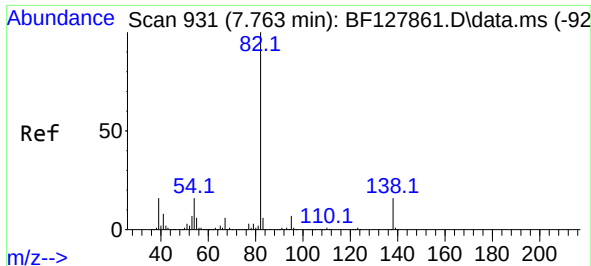


#24
Nitrobenzene
Concen: 49.835 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



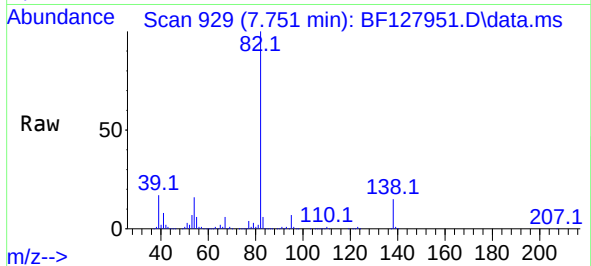
Tgt Ion: 77 Resp: 419815
Ion Ratio Lower Upper
77 100
123 39.1 32.0 48.0
65 13.9 11.0 16.6





#25
Isophorone
Concen: 49.641 ng
RT: 7.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

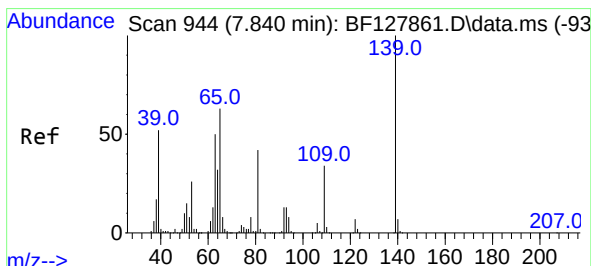
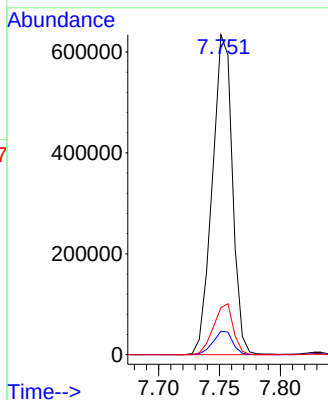
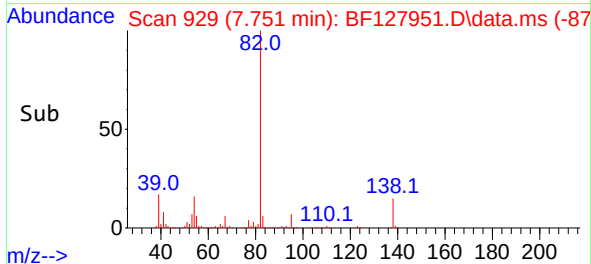
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



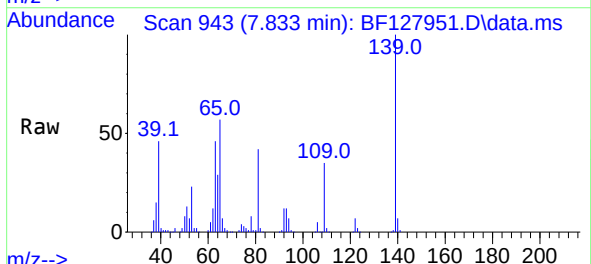
Tgt Ion: 82 Resp: 73042
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 14.8 12.5 18.7

Manual Integrations
APPROVED

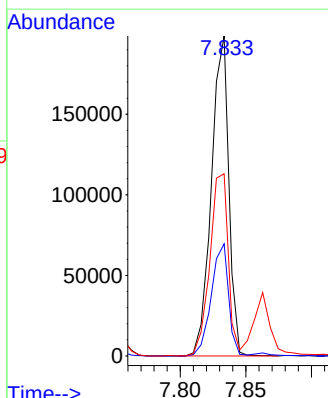
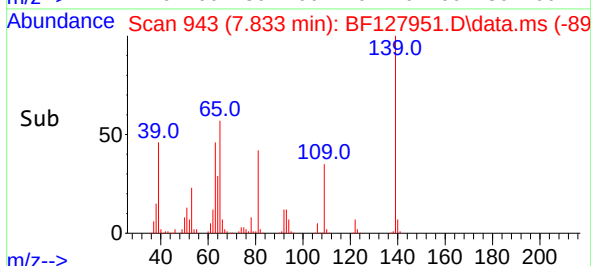
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

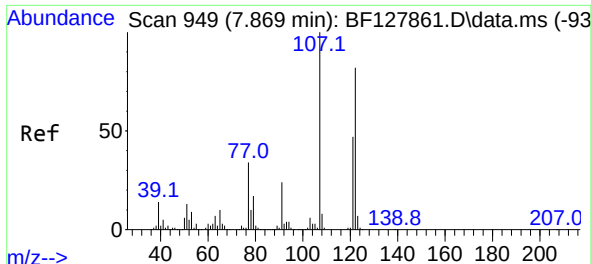


#26
2-Nitrophenol
Concen: 51.002 ng
RT: 7.833 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



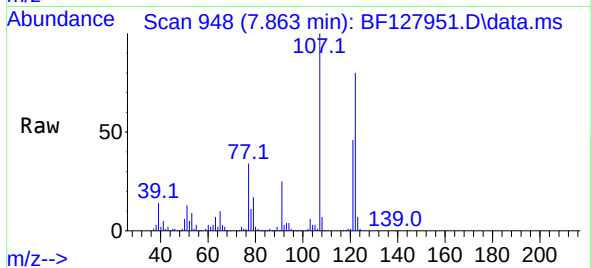
Tgt Ion:139 Resp: 183084
Ion Ratio Lower Upper
139 100
109 35.1 27.4 41.2
65 56.9 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 52.224 ng
RT: 7.863 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

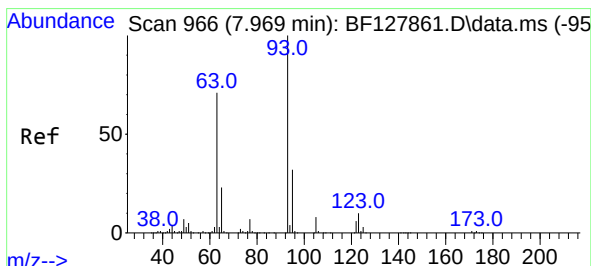
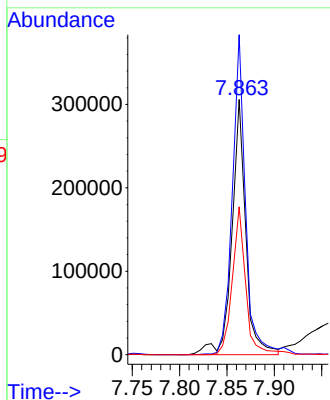
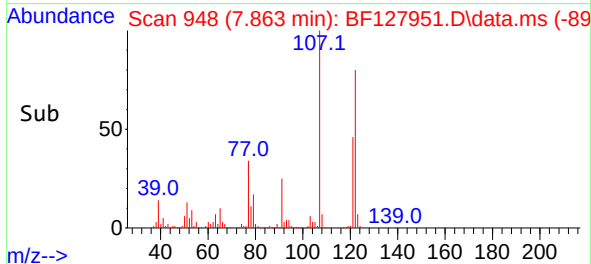
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



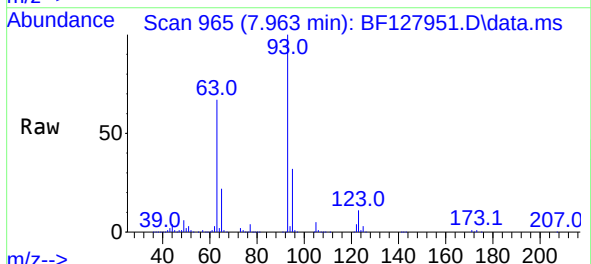
Tgt Ion:122 Resp: 311390
Ion Ratio Lower Upper
122 100
107 125.4 97.5 146.3
121 57.9 46.0 69.0

Manual Integrations
APPROVED

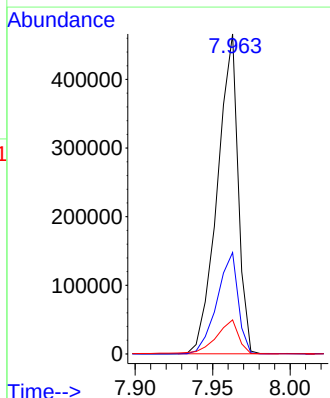
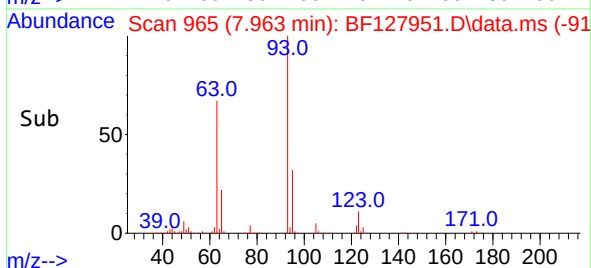
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

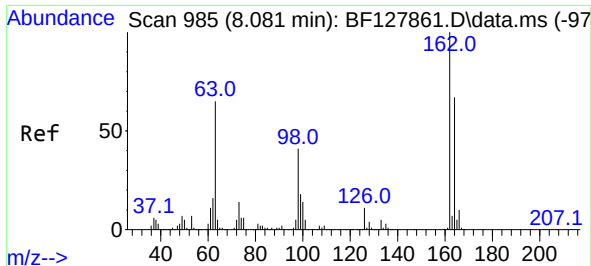


#28
bis(2-Chloroethoxy)methane
Concen: 46.030 ng
RT: 7.963 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion: 93 Resp: 434055
Ion Ratio Lower Upper
93 100
95 31.7 25.7 38.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.113 ng

RT: 8.069 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

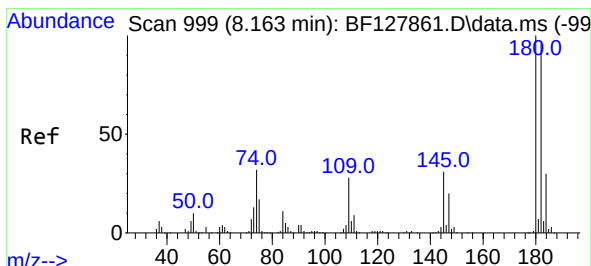
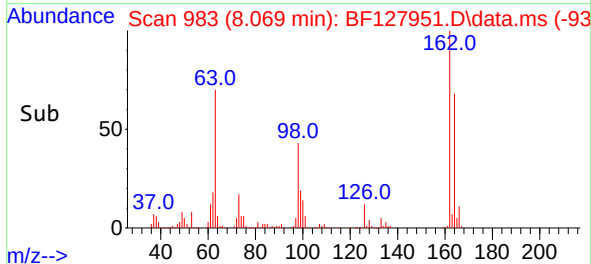
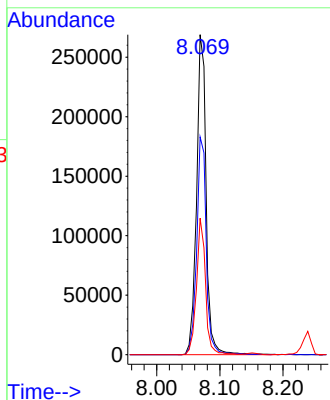
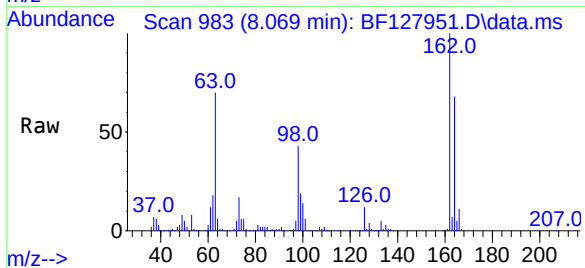
Tgt Ion:162 Resp: 28180

Ion	Ratio	Lower	Upper
162	100		
164	68.1	47.1	87.1
98	42.6	20.7	60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.135 ng

RT: 8.157 min Scan# 998

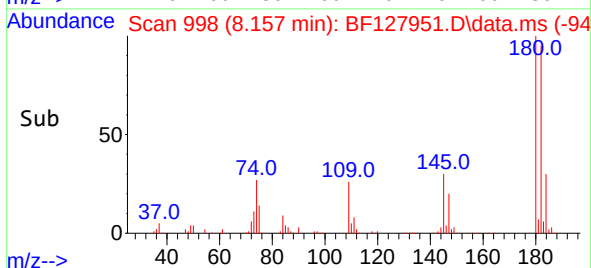
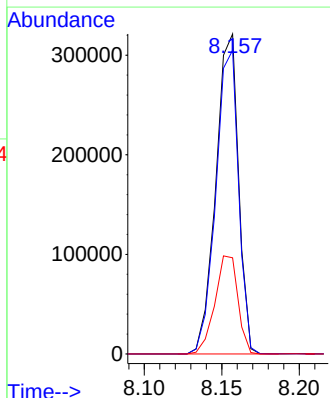
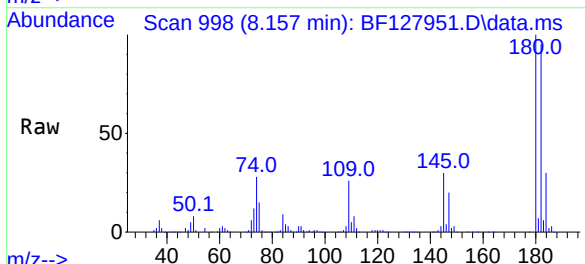
Delta R.T. -0.000 min

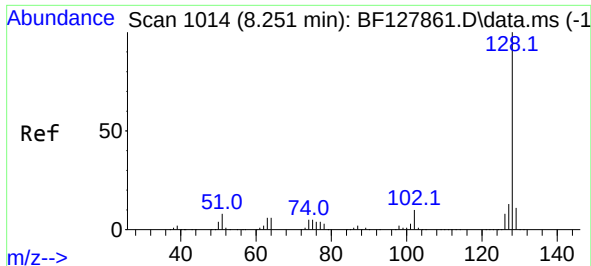
Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

Tgt Ion:180 Resp: 327352

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	30.0	25.1	37.7





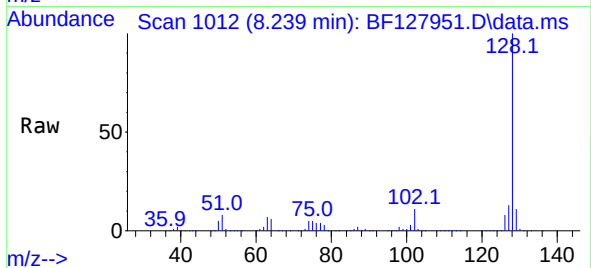
#31
Naphthalene
Concen: 46.982 ng
RT: 8.239 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

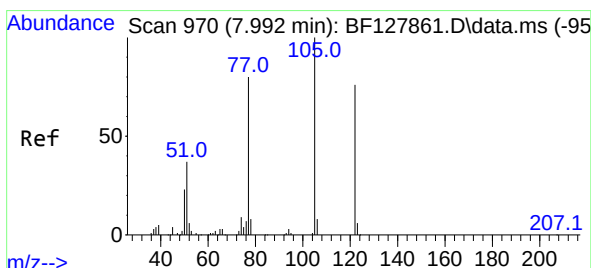
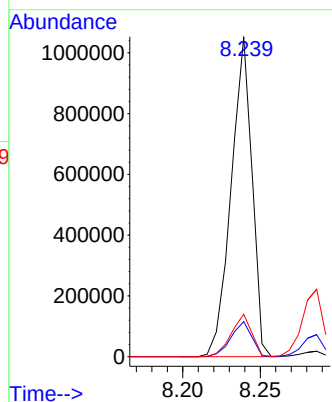
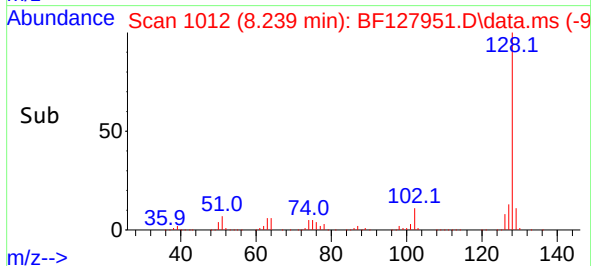


Tgt Ion:128 Resp: 983714
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.6 16.0

Manual Integrations

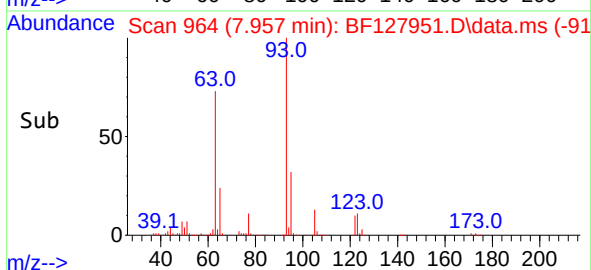
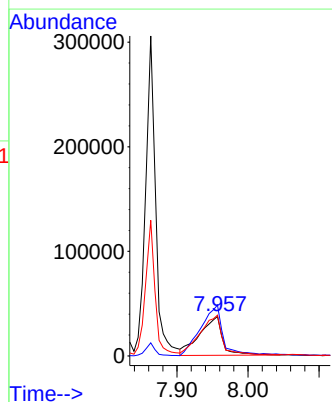
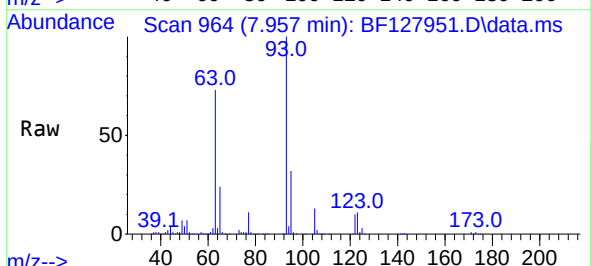
APPROVED

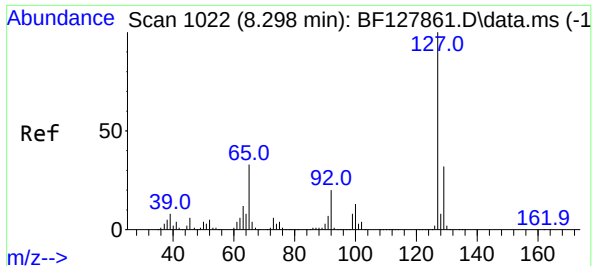
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#32
Benzoic acid
Concen: 19.591 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.029 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:122 Resp: 83729
Ion Ratio Lower Upper
122 100
105 128.6 107.9 147.9
77 103.0 82.5 122.5





#33
4-Chloroaniline
Concen: 25.989 ng
RT: 8.286 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

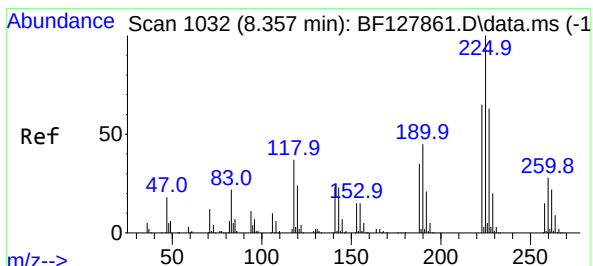
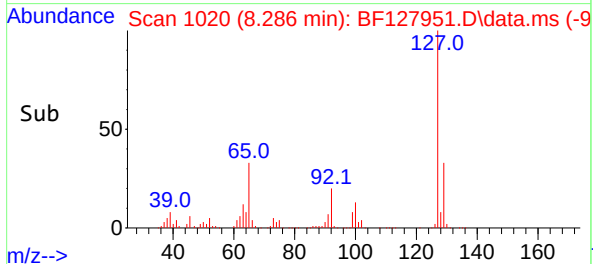
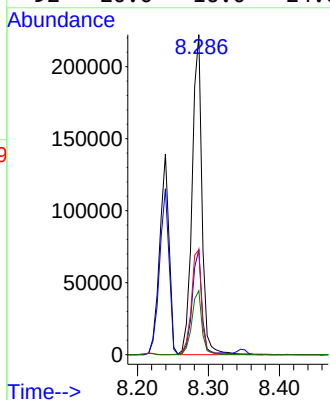
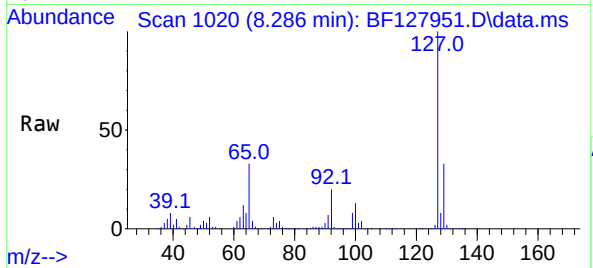
MH-14SMSD

Tgt Ion:127 Resp: 215309
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 32.8 26.7 40.1
92 20.0 16.0 24.0

Manual Integrations

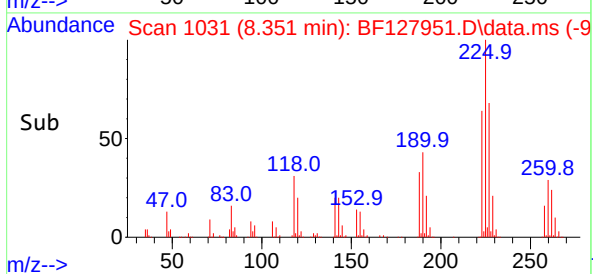
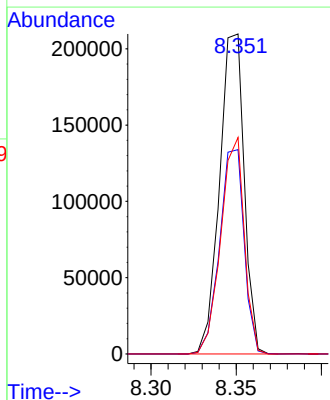
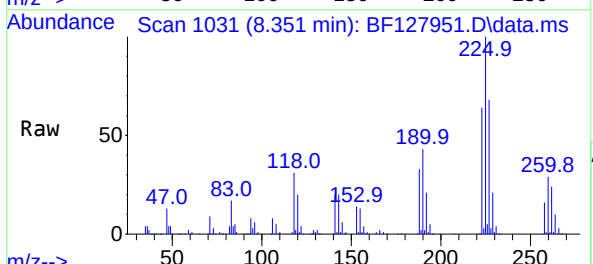
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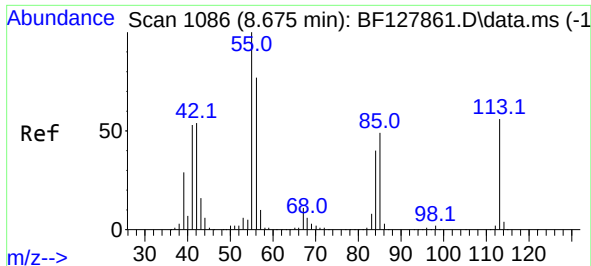
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#34
Hexachlorobutadiene
Concen: 47.170 ng
RT: 8.351 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:225 Resp: 210819
Ion Ratio Lower Upper
225 100
223 63.9 52.0 78.0
227 67.7 50.7 76.1





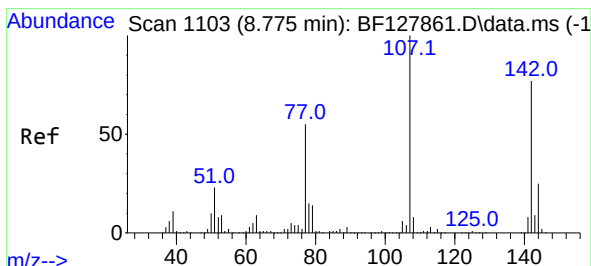
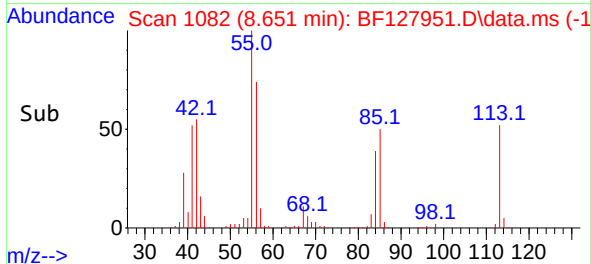
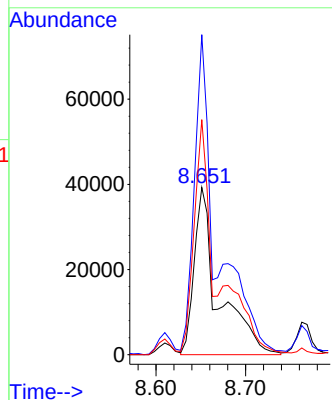
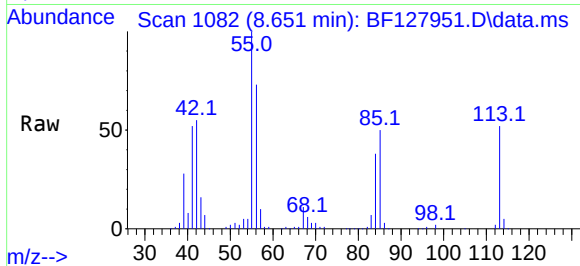
#35
Caprolactam
Concen: 36.515 ng m
RT: 8.651 min Scan# 1101
Delta R.T. -0.018 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion:113 Resp: 73628
Ion Ratio Lower Upper
113 100
55 191.3 157.4 197.4
56 140.5 116.1 156.1

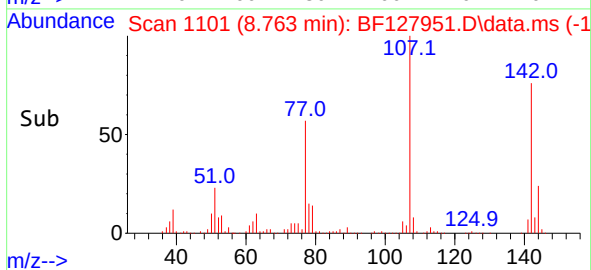
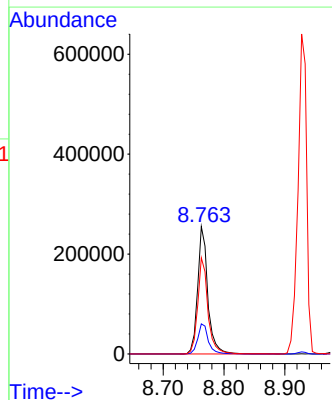
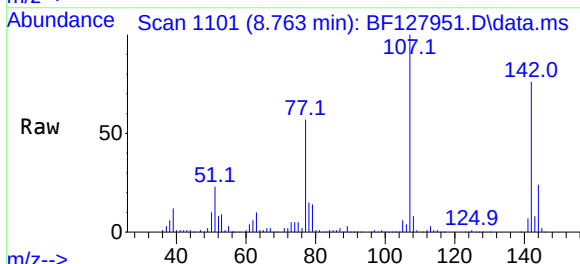
Manual Integrations
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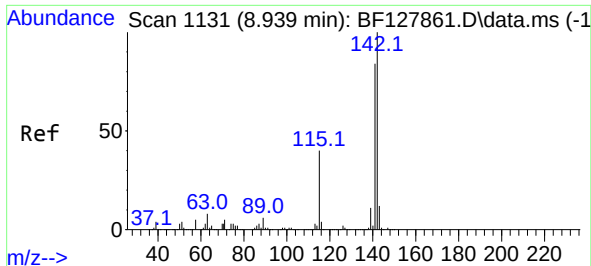
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#36
4-Chloro-3-methylphenol
Concen: 44.342 ng
RT: 8.763 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:107 Resp: 295815
Ion Ratio Lower Upper
107 100
144 23.6 20.2 30.4
142 75.6 61.5 92.3





#37

2-Methylnaphthalene

Concen: 45.992 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

Tgt Ion:142 Resp: 63642

Ion Ratio Lower Upper

142 100

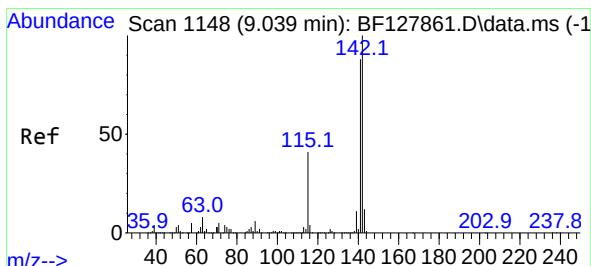
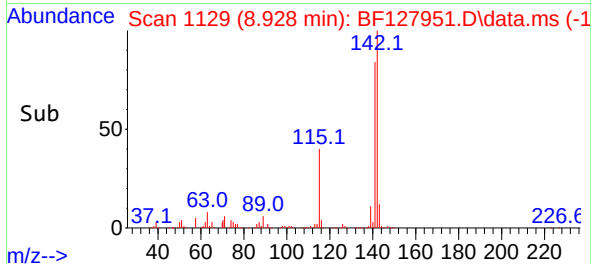
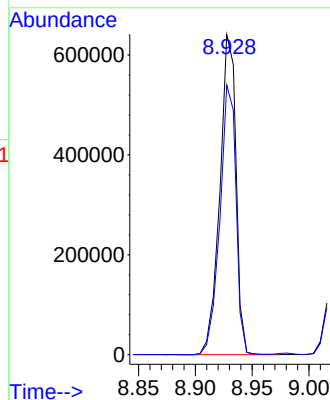
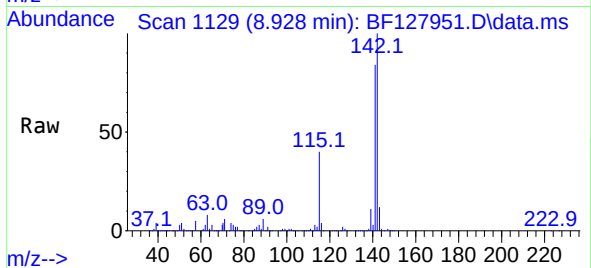
141 84.3 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2022

Supervised By :Jagrut Upadhyay 04/28/2022



#38

1-Methylnaphthalene

Concen: 44.941 ng

RT: 9.027 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127951.D

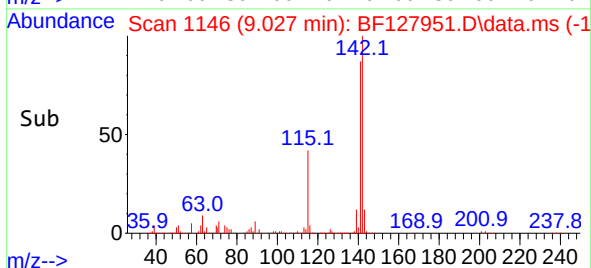
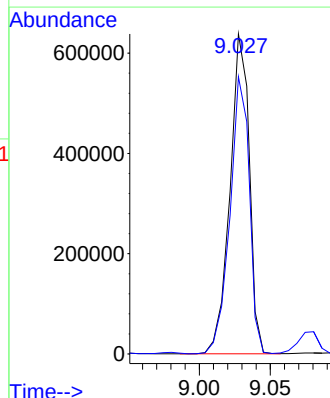
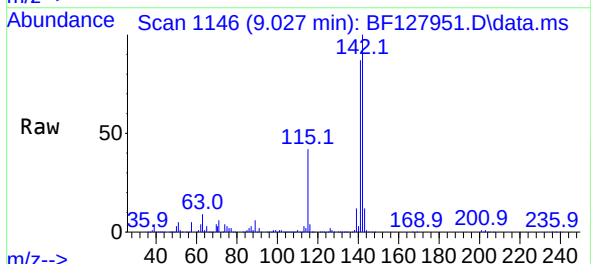
Acq: 27 Apr 2022 18:02

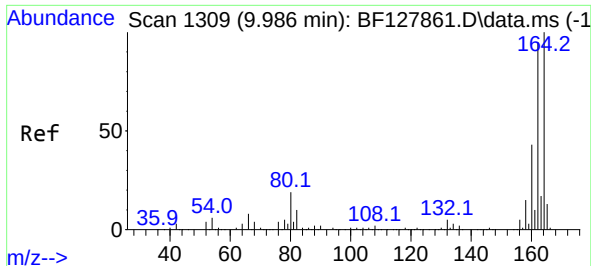
Tgt Ion:142 Resp: 604465

Ion Ratio Lower Upper

142 100

141 86.6 70.1 105.1





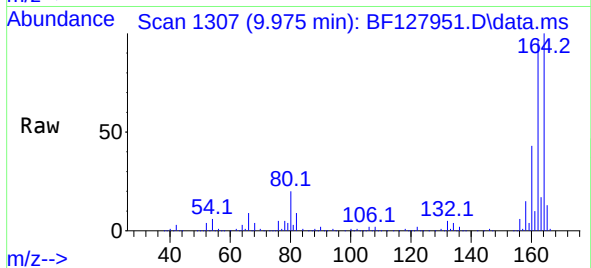
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

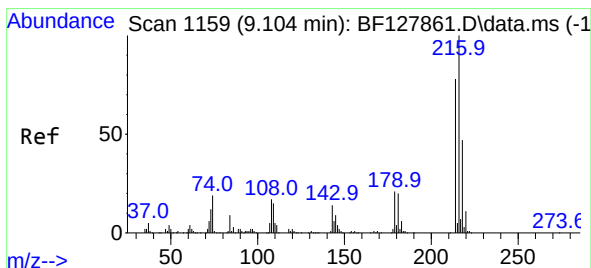
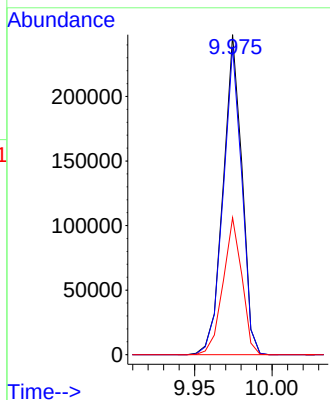
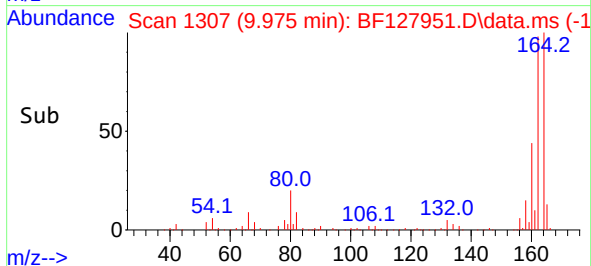


Tgt Ion:164 Resp: 20850
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 42.8 34.8 52.2

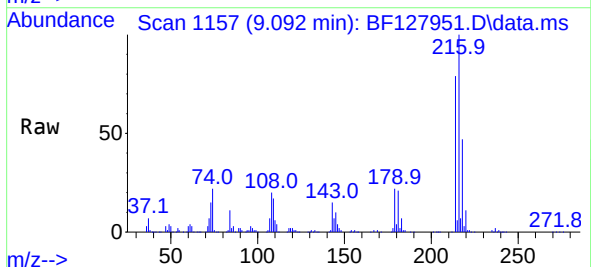
Manual Integrations

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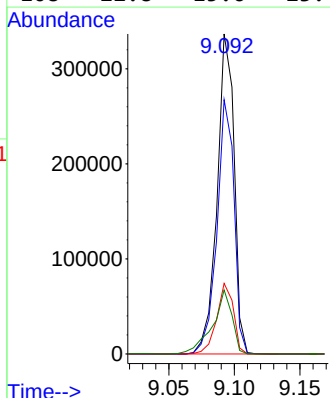
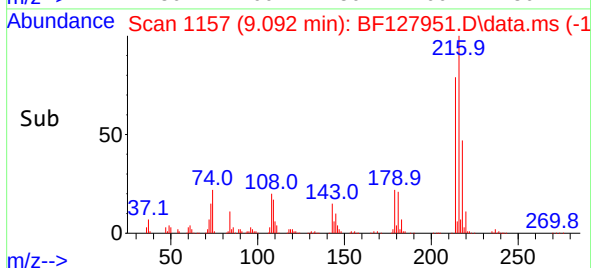
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

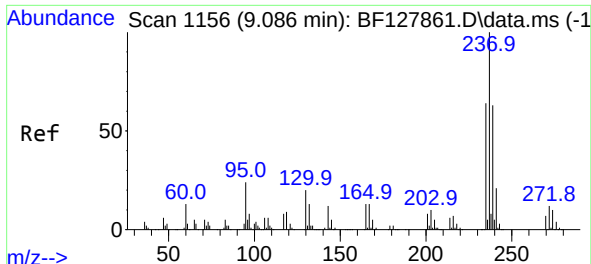


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.347 ng
RT: 9.092 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



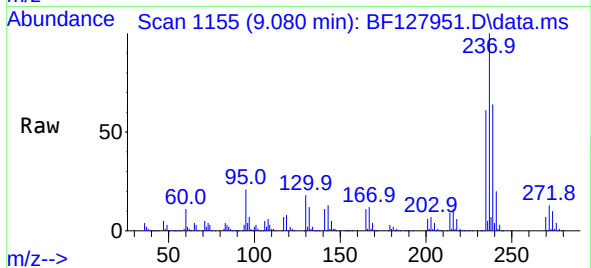
Tgt Ion:216 Resp: 303275
Ion Ratio Lower Upper
216 100
214 79.3 62.6 94.0
179 21.7 16.9 25.3
108 22.8 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 114.642 ng
RT: 9.080 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

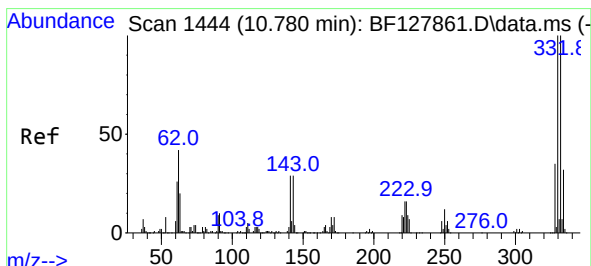
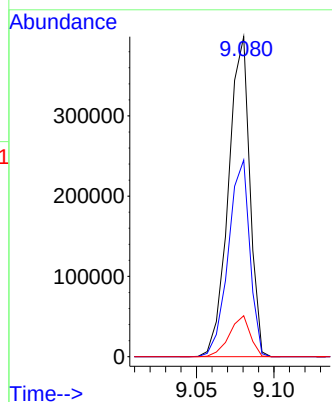
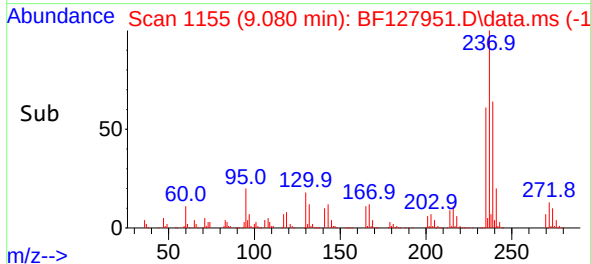
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



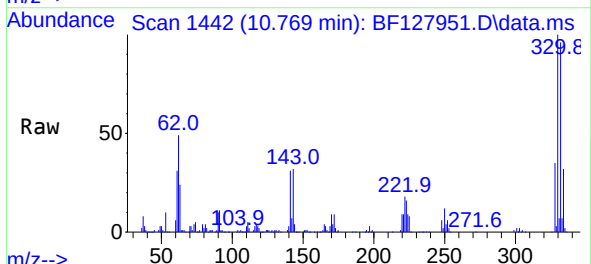
Tgt Ion:237 Resp: 38172
Ion Ratio Lower Upper
237 100
235 61.5 43.6 83.6
272 12.8 0.0 32.1

Manual Integrations
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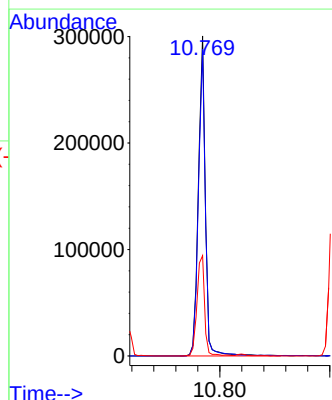
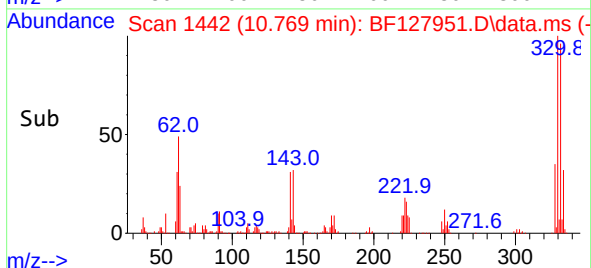
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

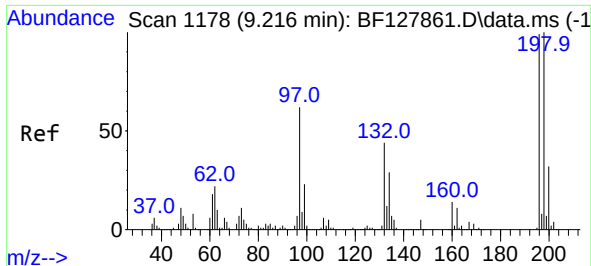


#42
2,4,6-Tribromophenol
Concen: 126.179 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



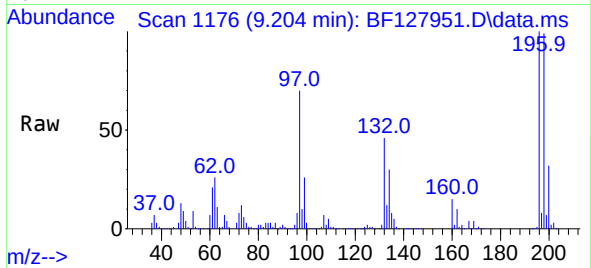
Tgt Ion:330 Resp: 264846
Ion Ratio Lower Upper
330 100
332 95.3 79.0 118.4
141 34.2 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 46.361 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

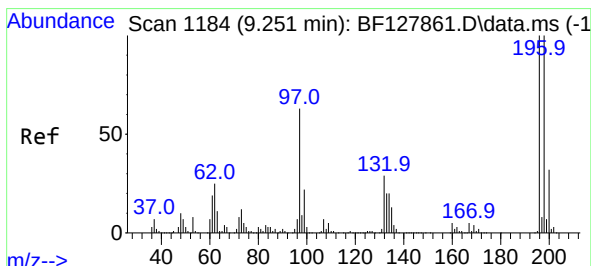
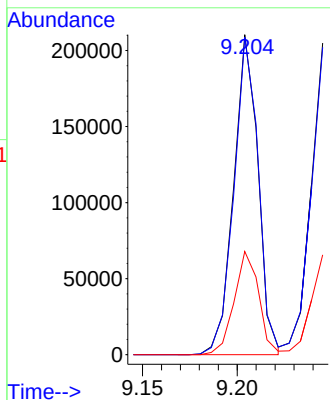
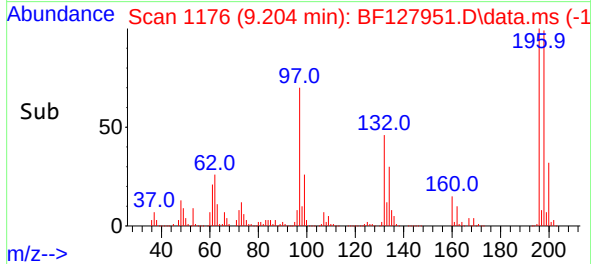
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



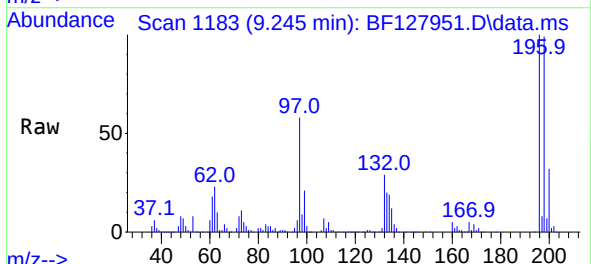
Tgt Ion:196 Resp: 187470
Ion Ratio Lower Upper
196 100
198 99.2 80.4 120.6
200 32.2 25.9 38.9

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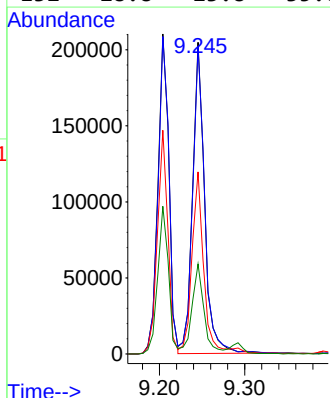
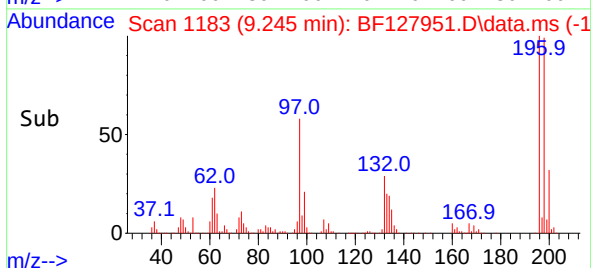
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

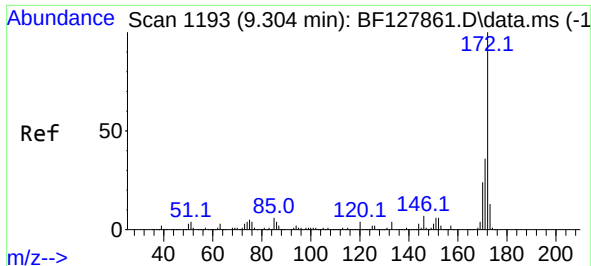


#44
2,4,5-Trichlorophenol
Concen: 45.450 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion:196 Resp: 199801
Ion Ratio Lower Upper
196 100
198 98.6 80.2 120.2
97 58.4 50.3 75.5
132 28.8 23.8 35.6





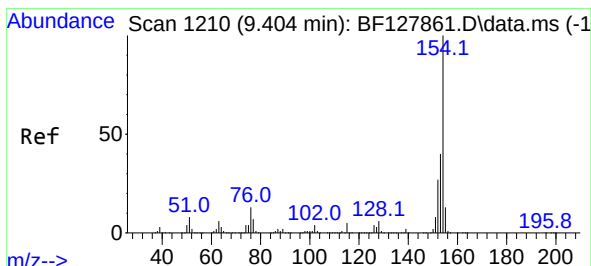
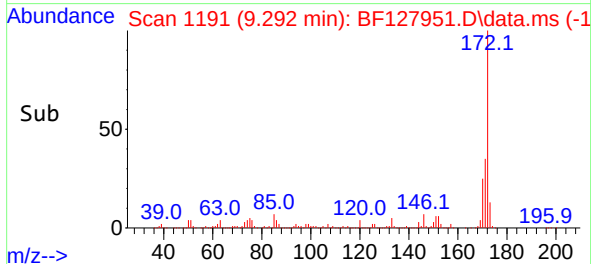
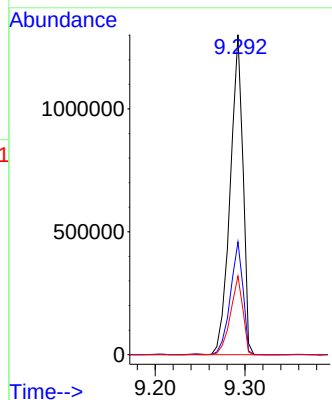
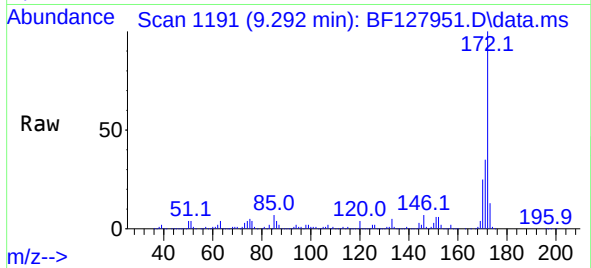
#45
2-Fluorobiphenyl
Concen: 104.030 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion:172 Resp: 1282160
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 24.6 19.1 28.7

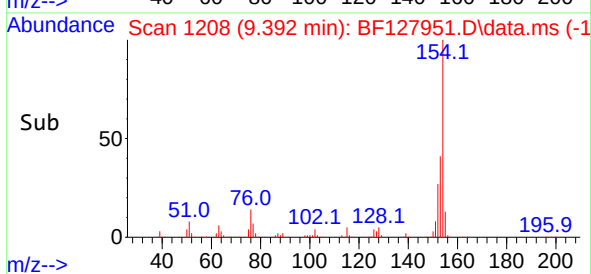
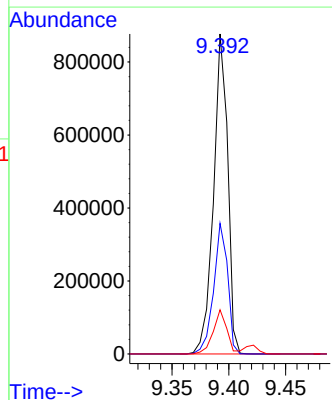
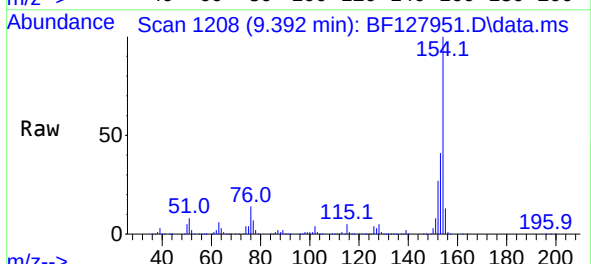
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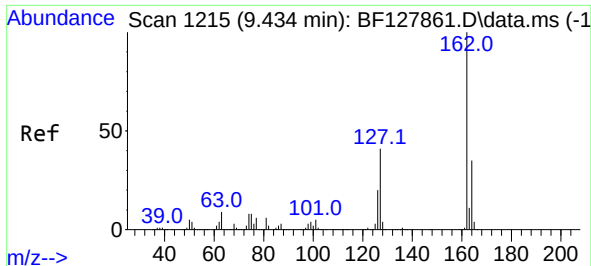
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#46
1,1'-Biphenyl
Concen: 49.172 ng
RT: 9.392 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:154 Resp: 759471
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 13.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 48.134 ng

RT: 9.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

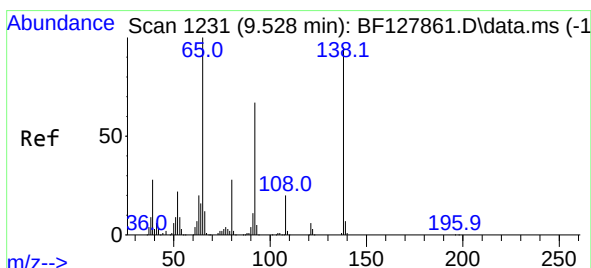
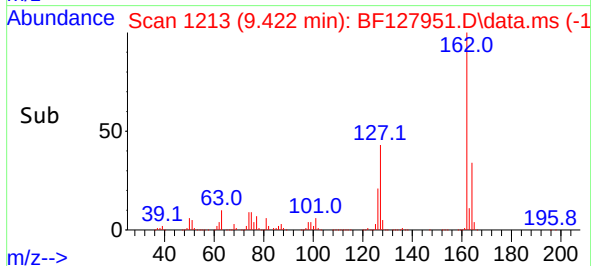
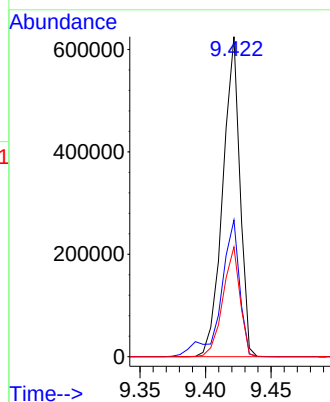
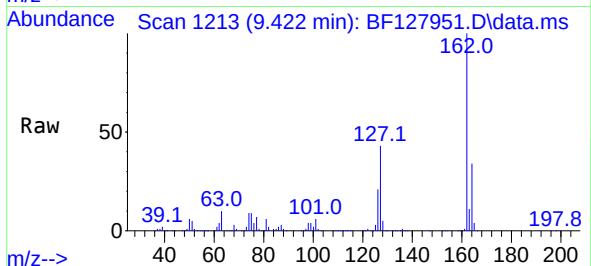
MH-14SMSD

Tgt Ion:162 Resp: 565940
 Ion Ratio Lower Upper
 162 100
 127 42.7 32.9 49.3
 164 34.3 28.2 42.2

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Reviewed By :Christian Giraldo 04/28/2022
 Supervised By :Jagrut Upadhyay 04/28/2022



#48

2-Nitroaniline

Concen: 47.519 ng

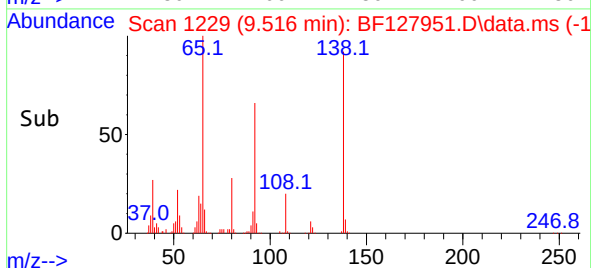
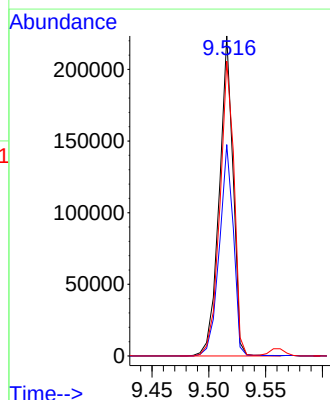
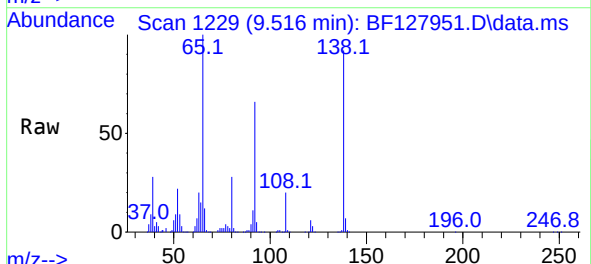
RT: 9.516 min Scan# 1229

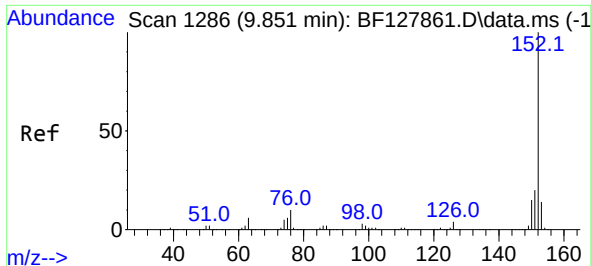
Delta R.T. -0.006 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

Tgt Ion: 65 Resp: 188995
 Ion Ratio Lower Upper
 65 100
 92 66.1 53.7 80.5
 138 92.1 76.4 114.6





#49

Acenaphthylene

Concen: 49.724 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF127951.D

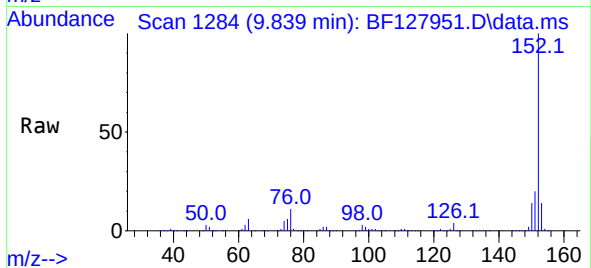
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD



Tgt Ion:152 Resp: 894308

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

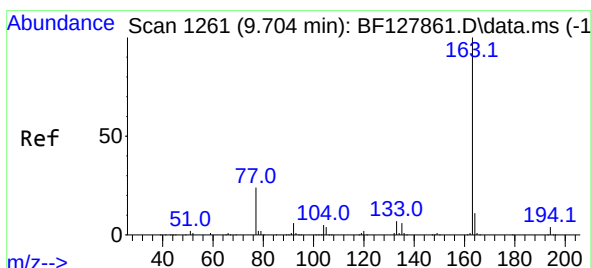
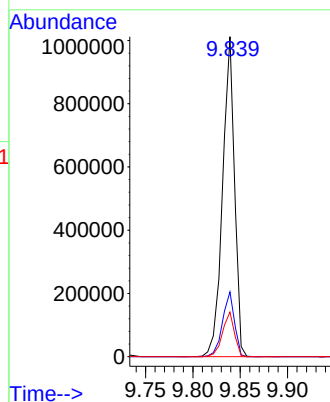
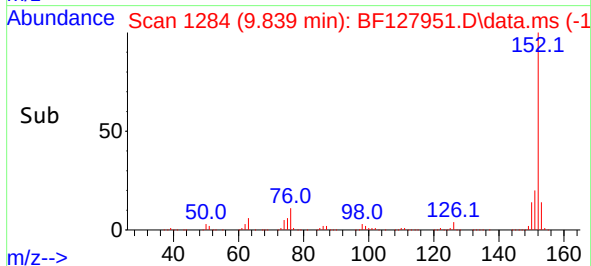
153 14.0 11.2 16.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2022

Supervised By :Jagrut Upadhyay 04/28/2022



#50

Dimethylphthalate

Concen: 43.983 ng

RT: 9.692 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

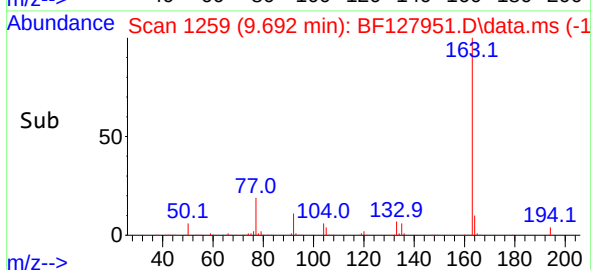
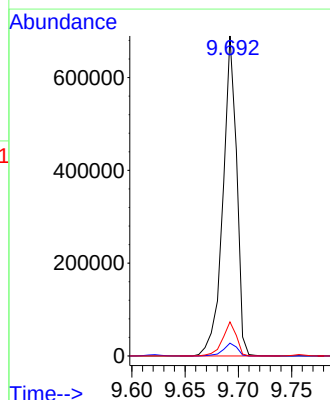
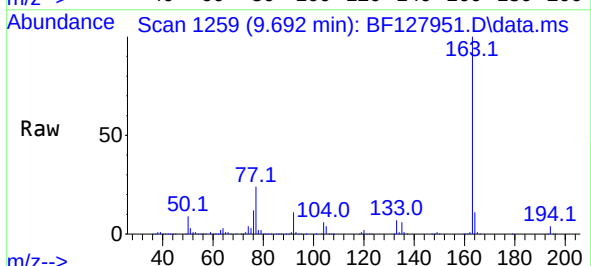
Tgt Ion:163 Resp: 615042

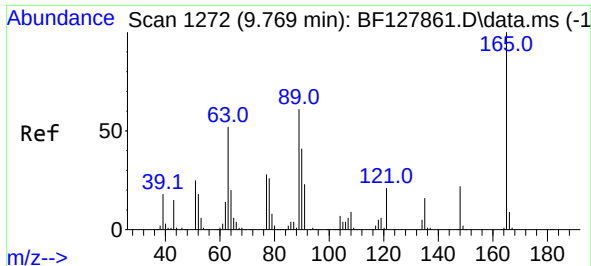
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

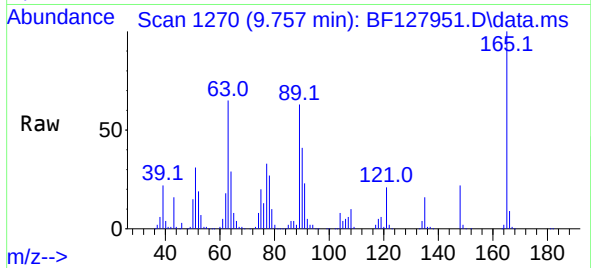
164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 46.765 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

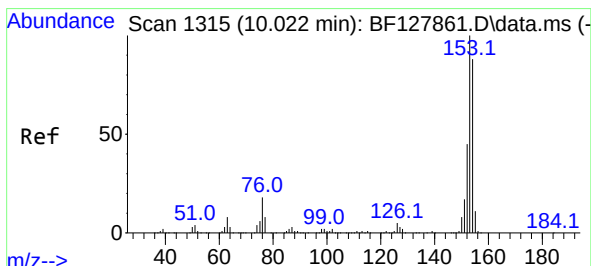
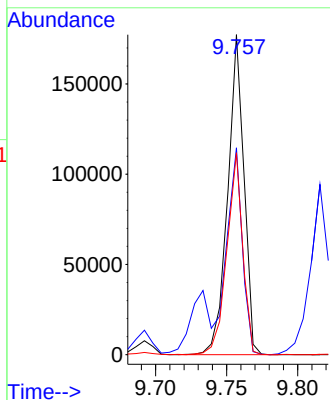
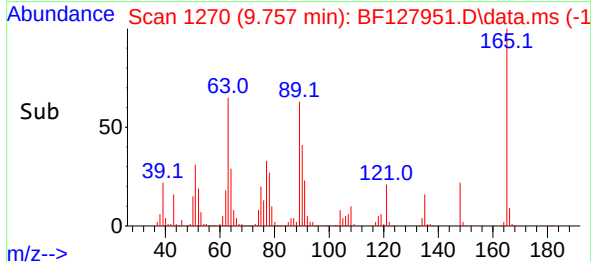
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



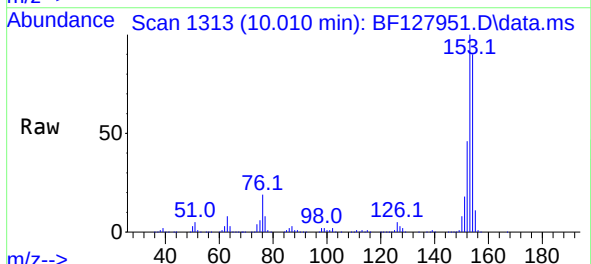
Tgt Ion:165 Resp: 141580
Ion Ratio Lower Upper
165 100
63 64.7 49.5 74.3
89 63.1 49.0 73.4

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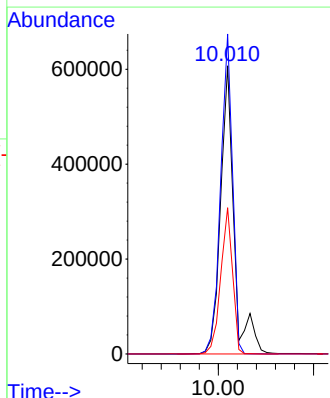
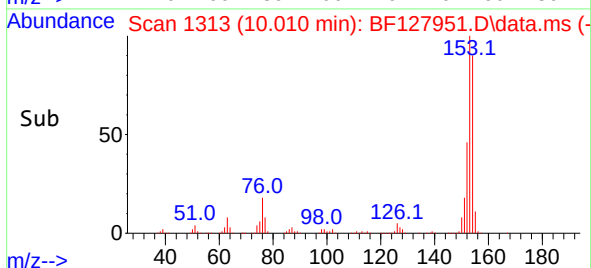
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

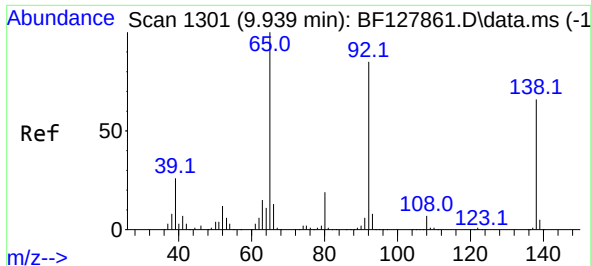


#52
Acenaphthene
Concen: 49.233 ng m
RT: 10.010 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion:154 Resp: 595308
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 50.8 41.0 61.6





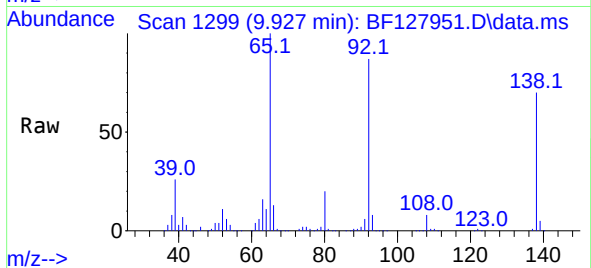
#53
3-Nitroaniline
Concen: 27.631 ng
RT: 9.927 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

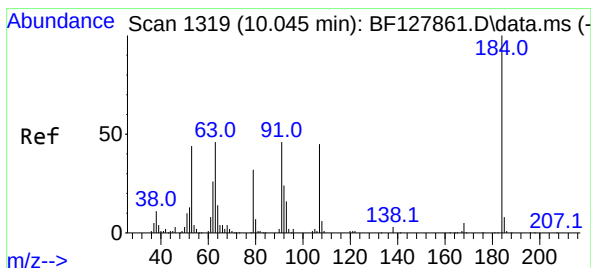
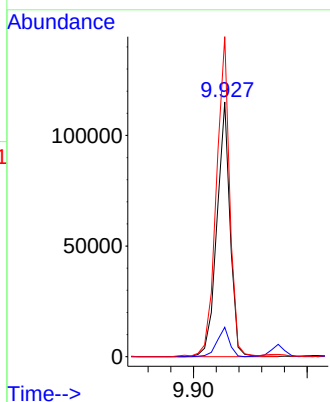
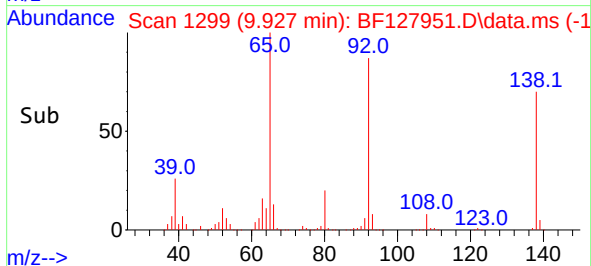


Tgt Ion:138 Resp: 9289
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 125.6 102.7 154.1

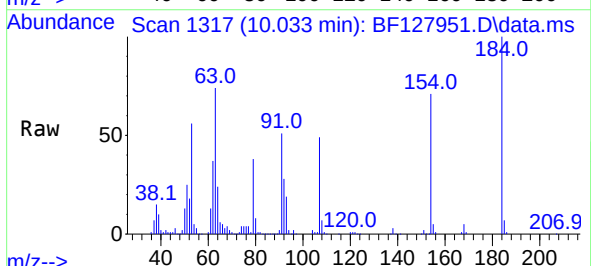
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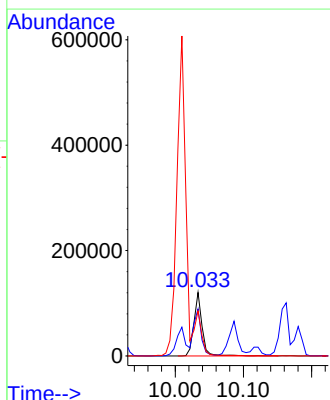
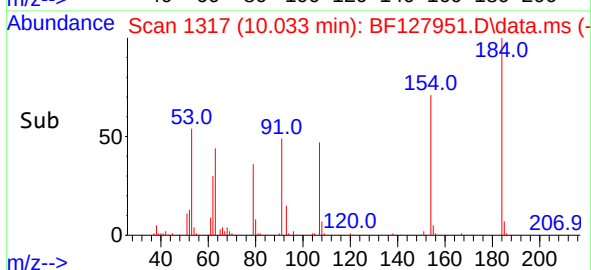
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

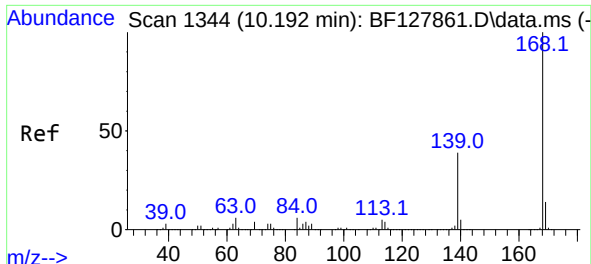


#54
2,4-Dinitrophenol
Concen: 63.224 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



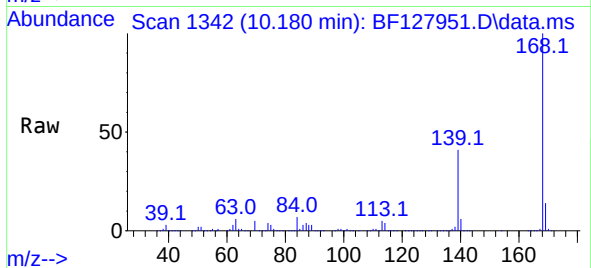
Tgt Ion:184 Resp: 100808
Ion Ratio Lower Upper
184 100
63 74.0 50.0 75.0
154 70.7 51.7 77.5





#55
Dibenzenofuran
Concen: 45.013 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

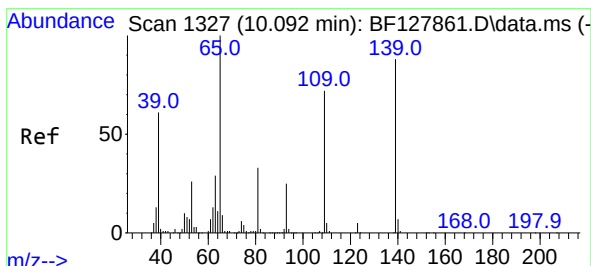
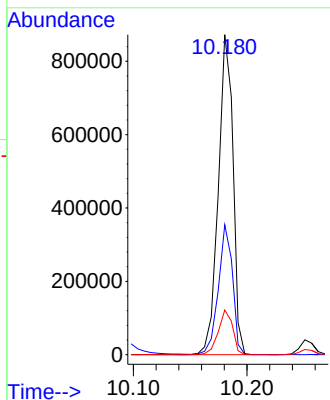
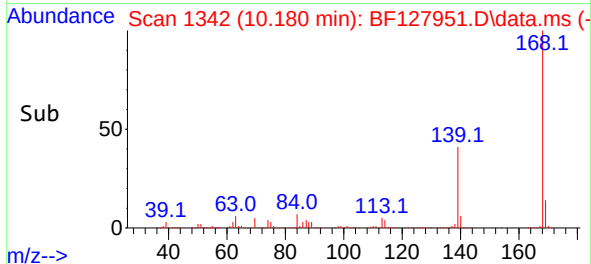
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



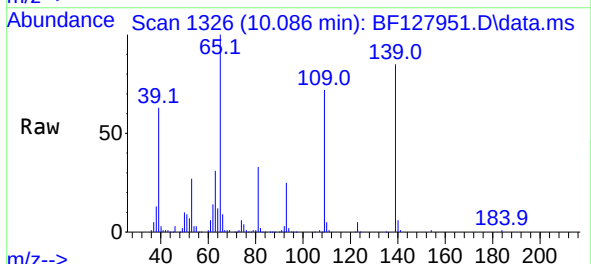
Tgt Ion:168 Resp: 78528
Ion Ratio Lower Upper
168 100
139 40.6 31.7 47.5
169 14.0 10.9 16.3

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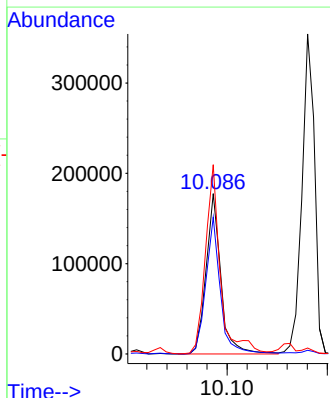
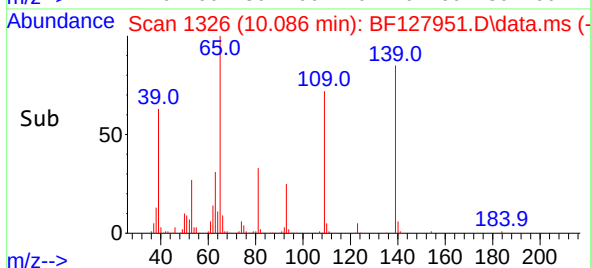
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

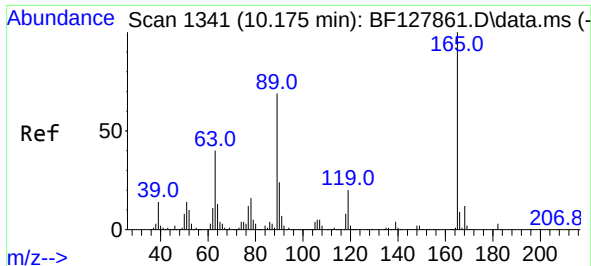


#56
4-Nitrophenol
Concen: 71.322 ng
RT: 10.086 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



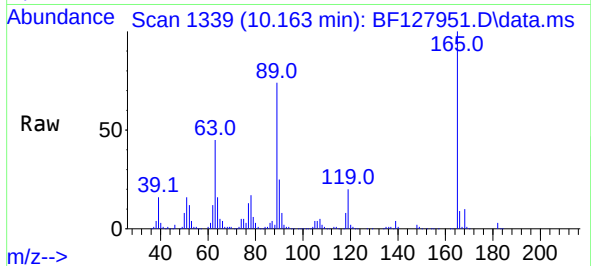
Tgt Ion:139 Resp: 183101
Ion Ratio Lower Upper
139 100
109 85.3 61.9 101.9
65 118.1 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 44.578 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

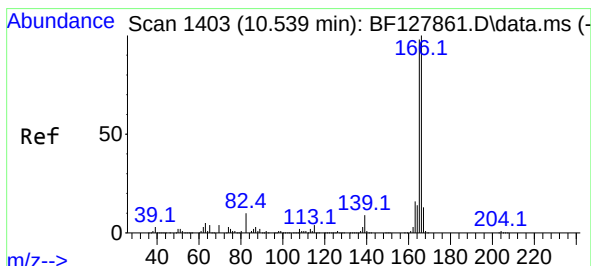
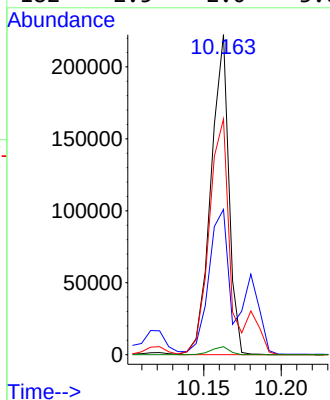
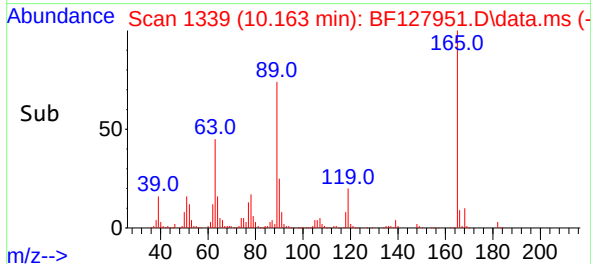
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



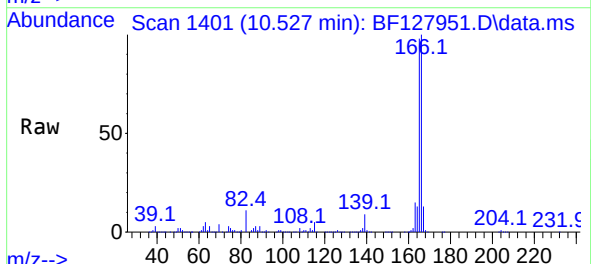
Tgt Ion:165 Resp: 178777
Ion Ratio Lower Upper
165 100
63 45.4 32.6 49.0
89 73.6 55.2 82.8
182 2.5 2.0 3.0

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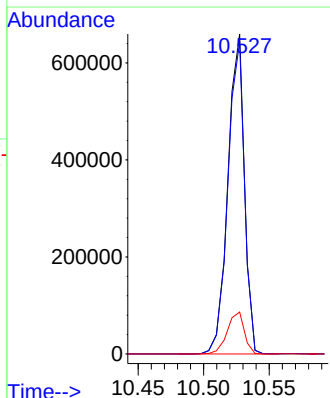
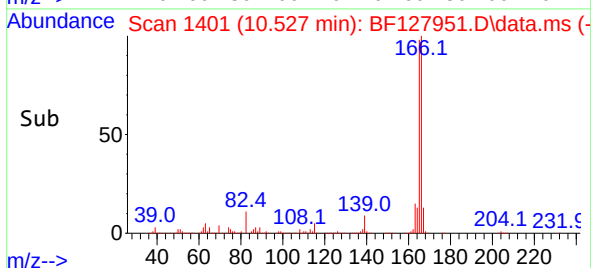
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

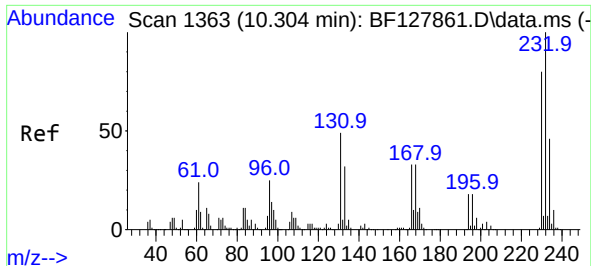


#58
Fluorene
Concen: 44.344 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



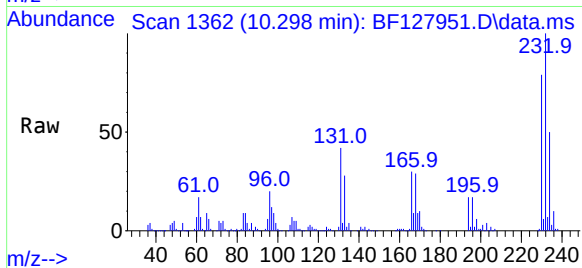
Tgt Ion:166 Resp: 577254
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.326 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

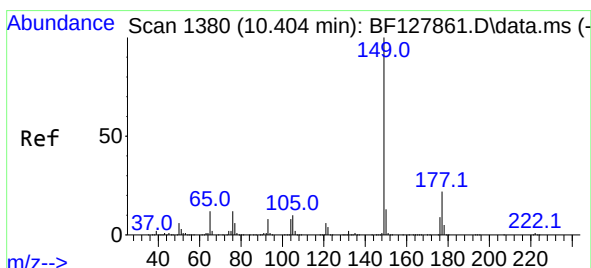
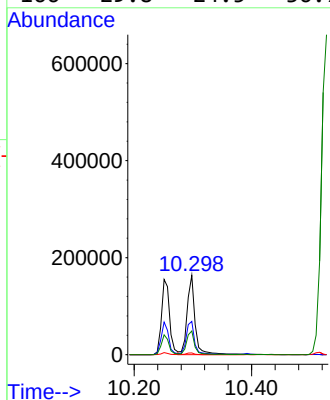
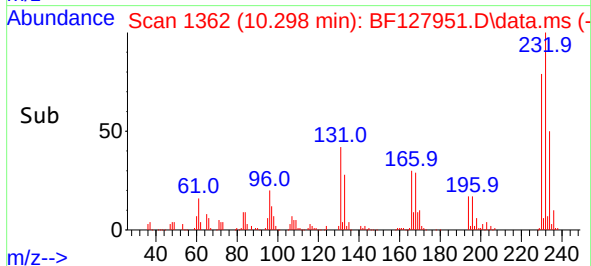
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



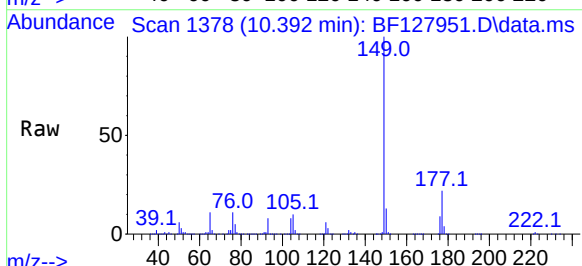
Tgt Ion:232 Resp: 152770
Ion Ratio Lower Upper
232 100
131 44.8 35.4 53.2
130 2.2 1.9 2.9
166 29.8 24.5 36.7

Manual Integrations
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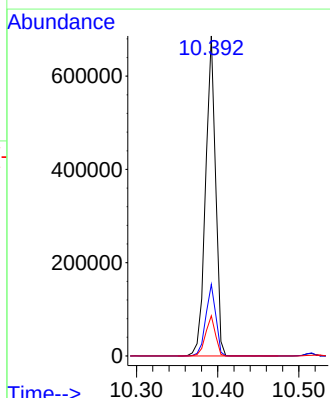
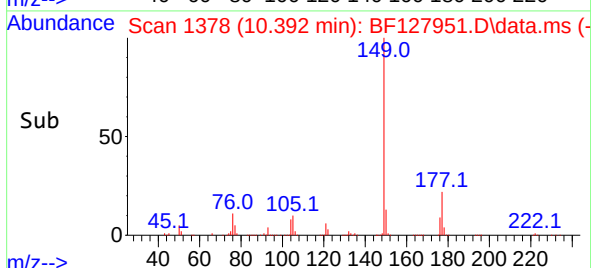
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

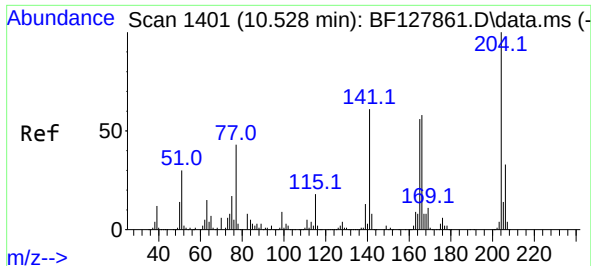


#60
Diethylphthalate
Concen: 42.651 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion:149 Resp: 584836
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.6 10.2 15.2





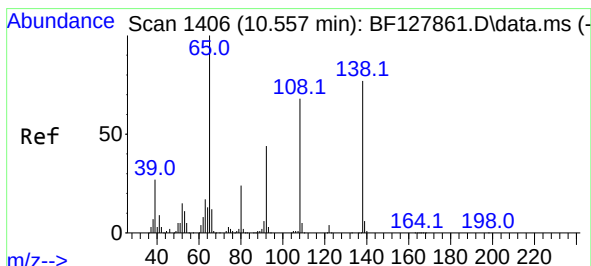
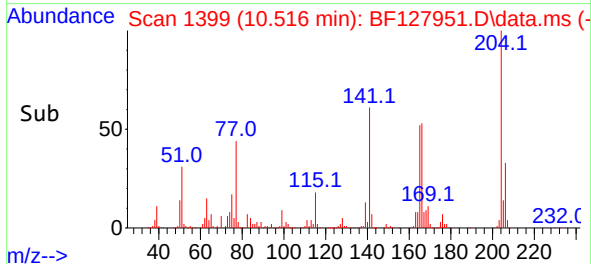
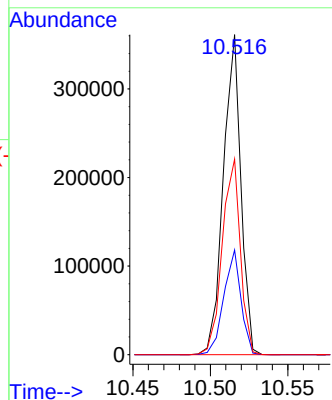
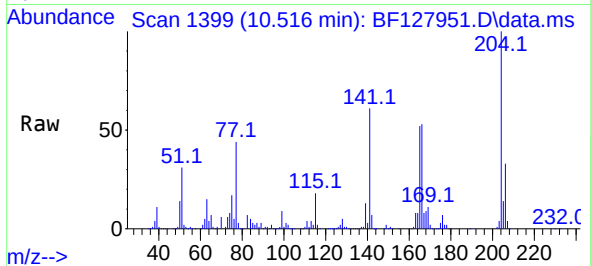
#61
4-Chlorophenyl-phenylether
Concen: 44.032 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion:204 Resp: 284830
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 61.1 48.7 73.1

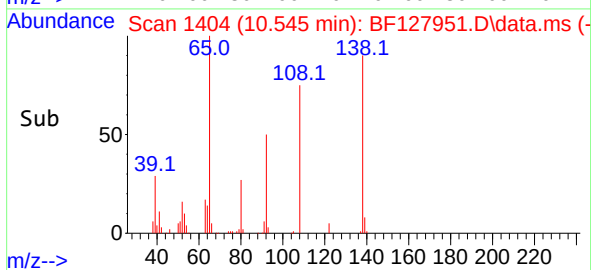
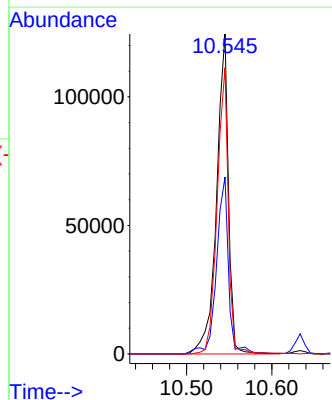
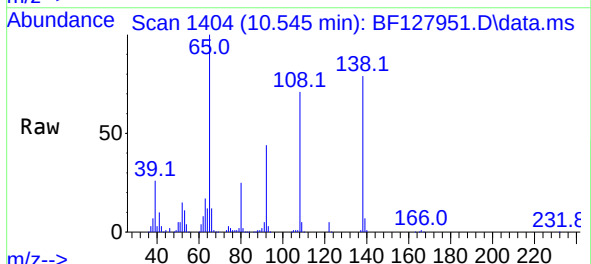
Manual Integrations
APPROVED

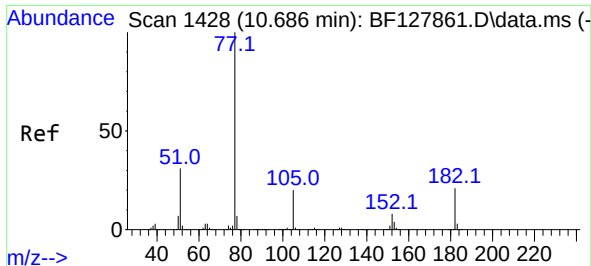
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#62
4-Nitroaniline
Concen: 36.792 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

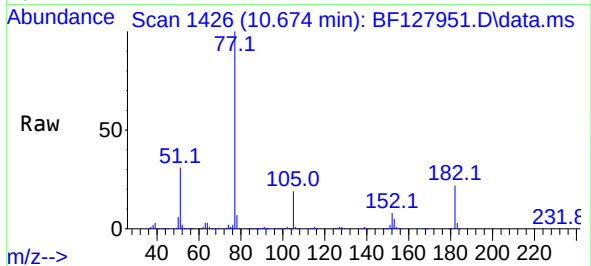
Tgt Ion:138 Resp: 120931
Ion Ratio Lower Upper
138 100
92 55.3 37.4 77.4
108 89.5 68.4 108.4





#63
Azobenzene
Concen: 42.879 ng
RT: 10.674 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

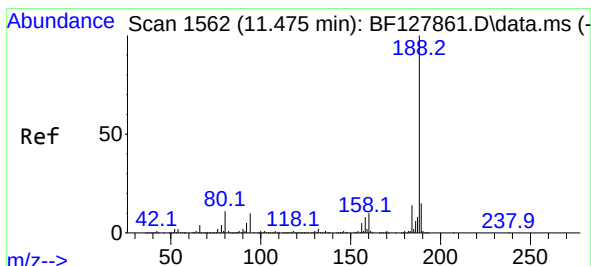
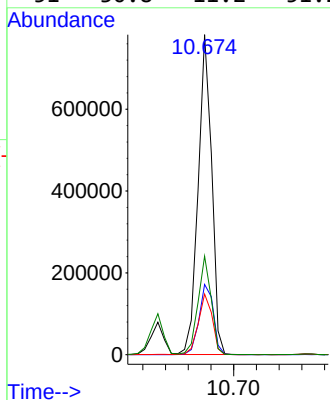
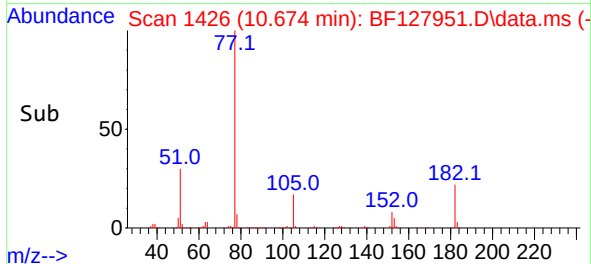
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



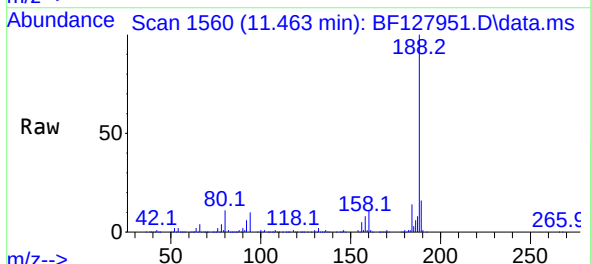
Tgt Ion: 77 Resp: 646974
Ion Ratio Lower Upper
77 100
182 21.9 1.2 41.2
105 18.9 0.0 39.8
51 30.8 11.2 51.2

Manual Integrations
APPROVED

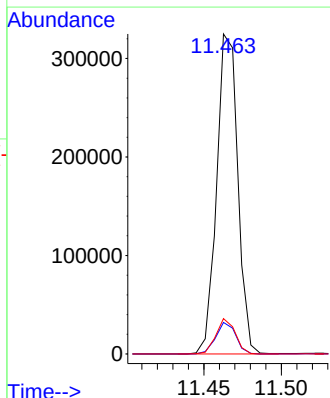
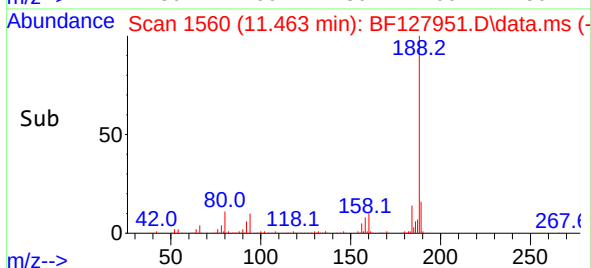
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

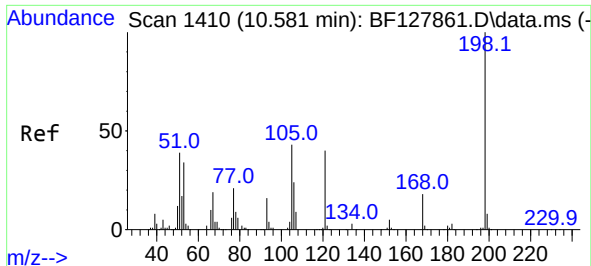


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion:188 Resp: 308285
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 11.1 8.9 13.3





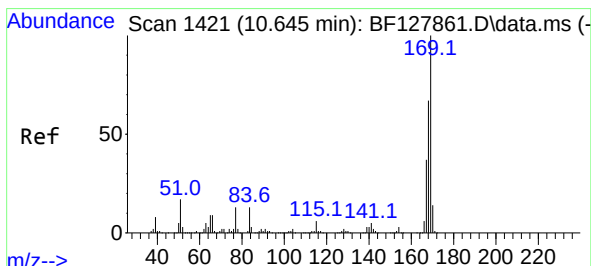
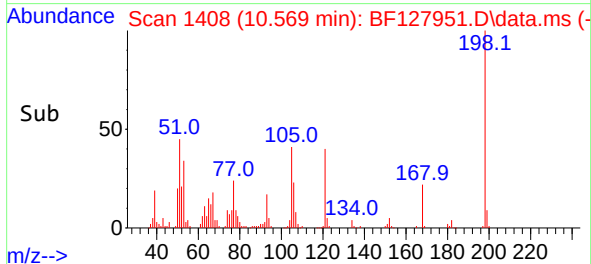
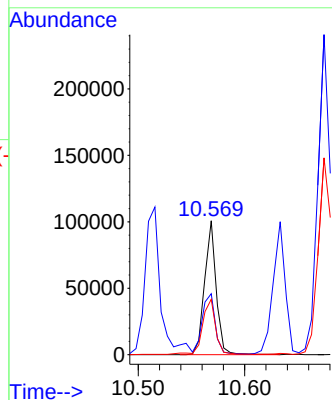
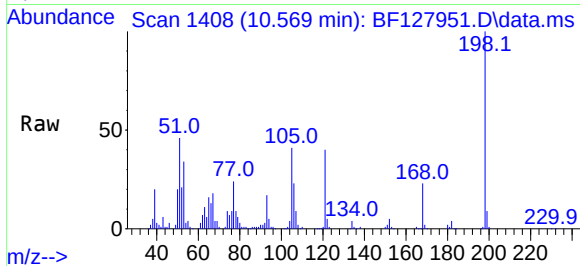
#65
4,6-Dinitro-2-methylphenol
Concen: 41.784 ng
RT: 10.569 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion:198 Resp: 76539
Ion Ratio Lower Upper
198 100
51 45.5 28.4 68.4
105 41.3 23.4 63.4

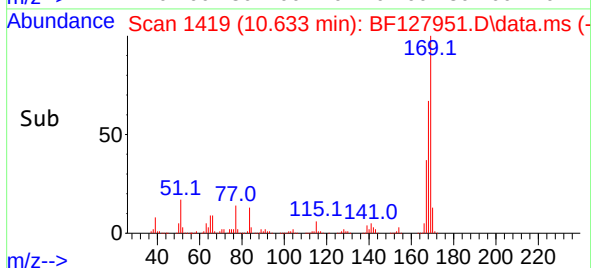
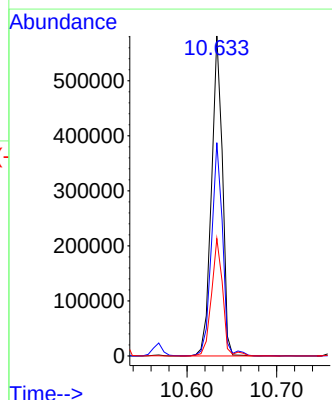
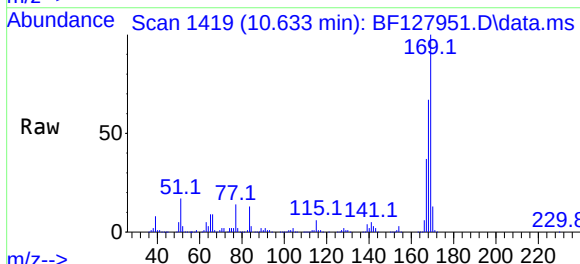
Manual Integrations
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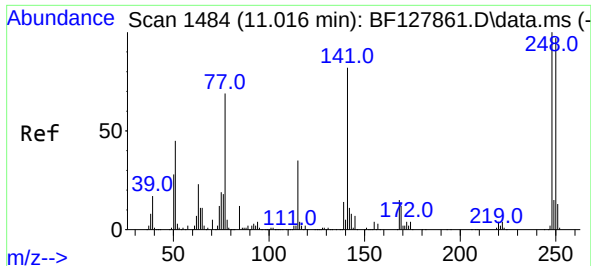
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#66
n-Nitrosodiphenylamine
Concen: 51.235 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

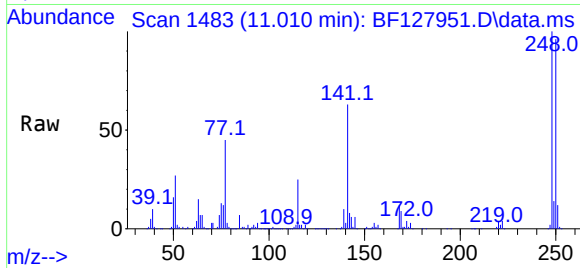
Tgt Ion:169 Resp: 491480
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 36.7 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 50.375 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

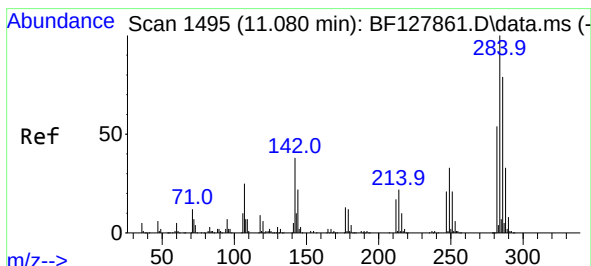
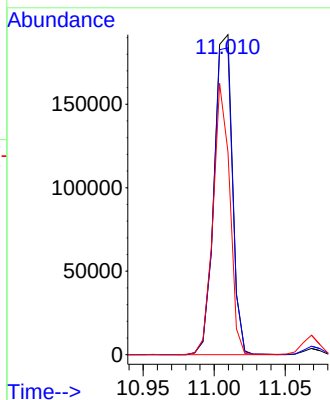
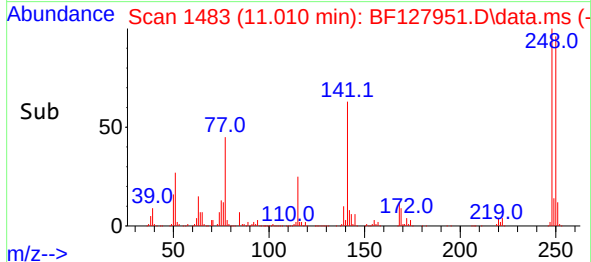
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



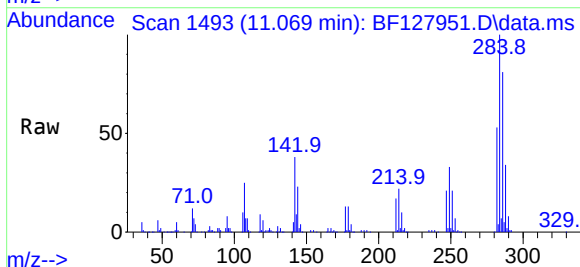
Tgt Ion:248 Resp: 172159
Ion Ratio Lower Upper
248 100
250 95.9 77.7 116.5
141 63.4 65.6 98.4

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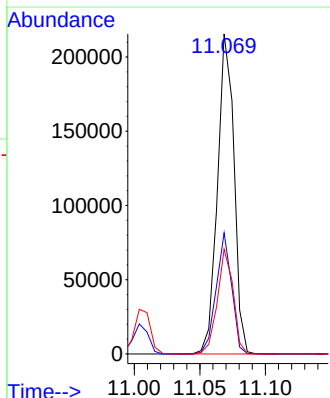
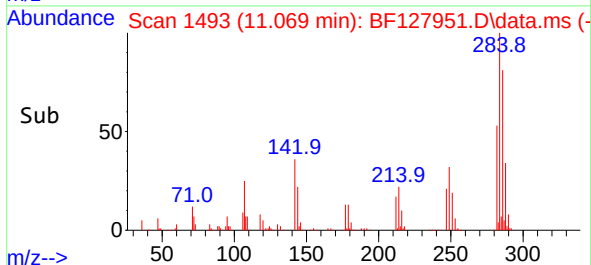
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

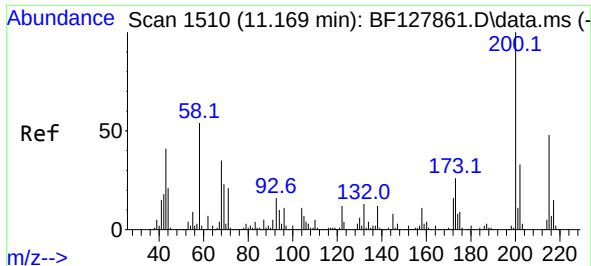


#68
Hexachlorobenzene
Concen: 52.279 ng
RT: 11.069 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



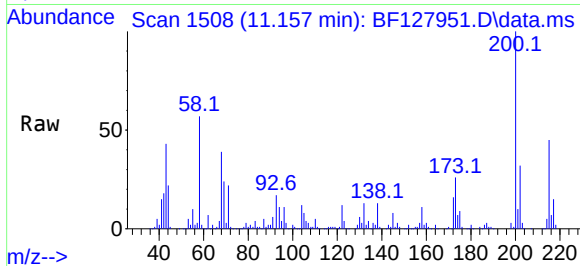
Tgt Ion:284 Resp: 188238
Ion Ratio Lower Upper
284 100
142 37.8 30.2 45.4
249 32.8 26.1 39.1





#69
Atrazine
Concen: 50.508 ng
RT: 11.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

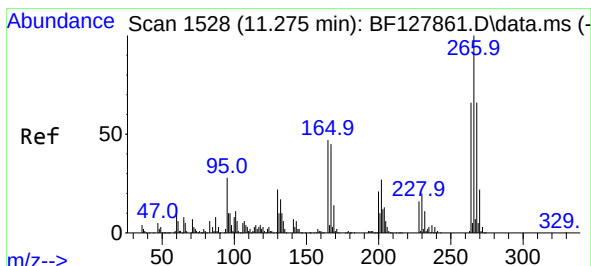
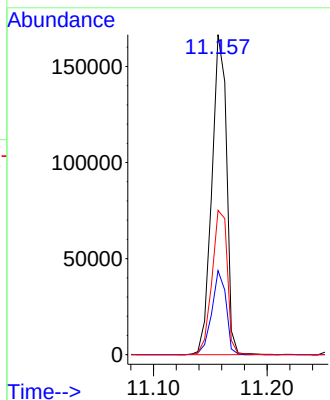
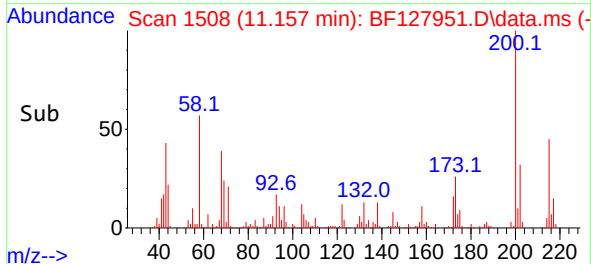
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



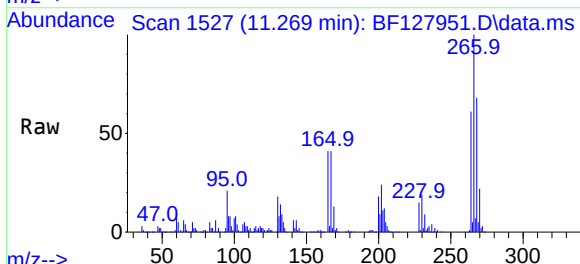
Tgt Ion:200 Resp: 149818
Ion Ratio Lower Upper
200 100
173 26.3 6.0 46.0
215 45.1 28.1 68.1

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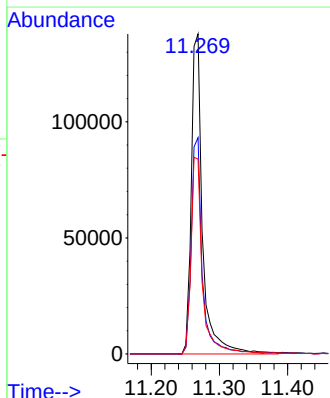
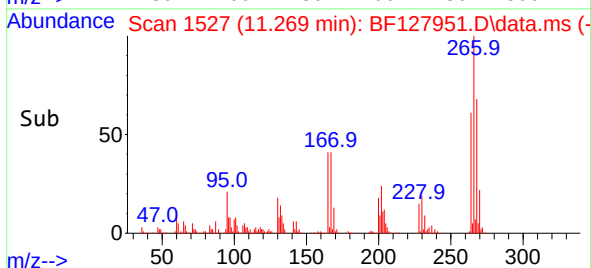
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

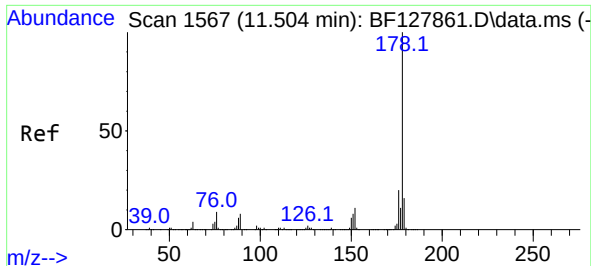


#70
Pentachlorophenol
Concen: 74.860 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



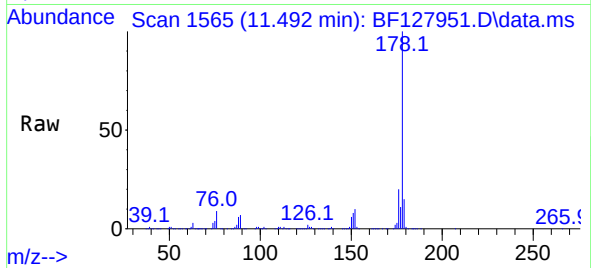
Tgt Ion:266 Resp: 158574
Ion Ratio Lower Upper
266 100
268 67.6 53.0 79.6
264 60.9 53.1 79.7





#71
Phenanthrene
Concen: 47.203 ng
RT: 11.492 min Scan# 11574
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

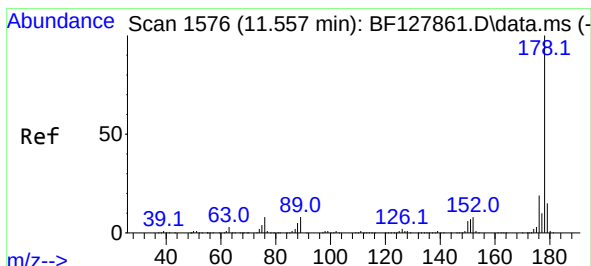
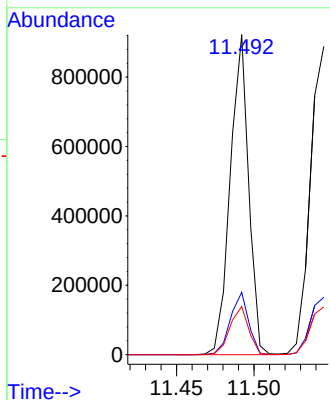
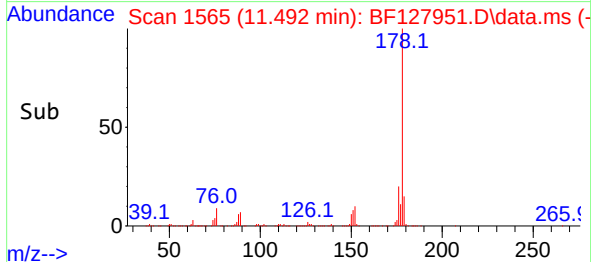
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



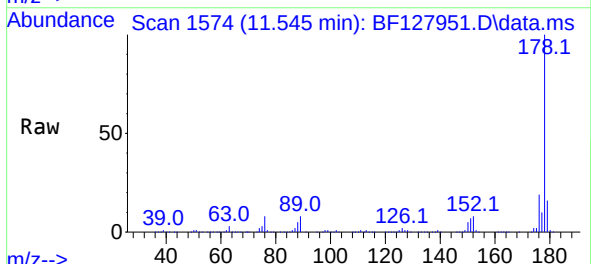
Tgt Ion:178 Resp: 761730
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.1 12.6 19.0

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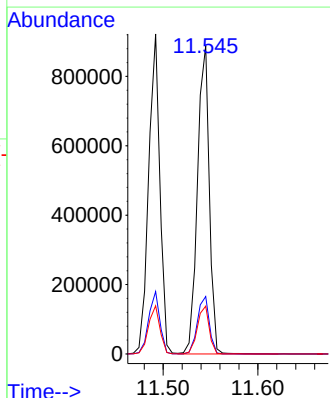
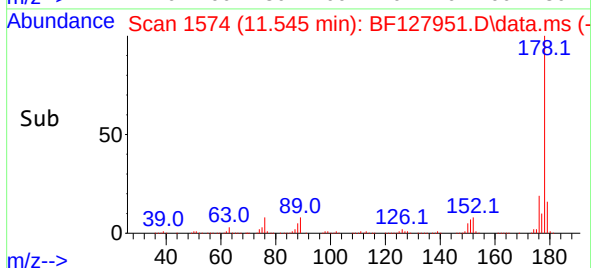
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

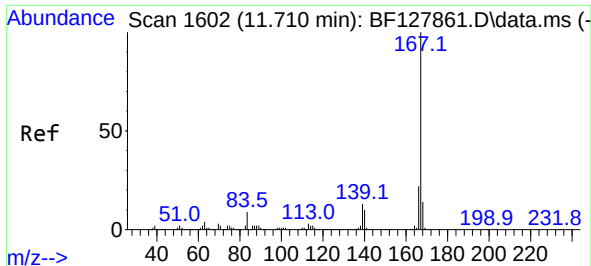


#72
Anthracene
Concen: 48.283 ng
RT: 11.545 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



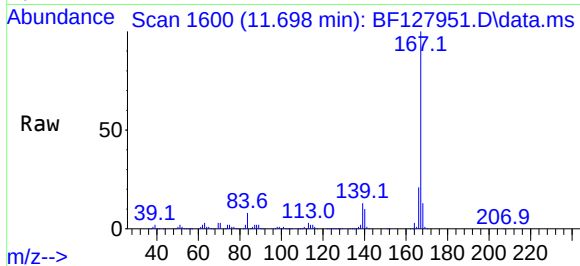
Tgt Ion:178 Resp: 776156
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 40.639 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: BF127951.D
 Acq: 27 Apr 2022 18:02

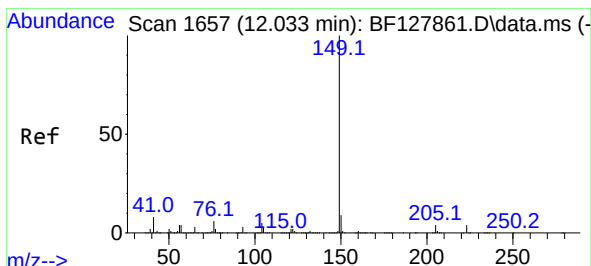
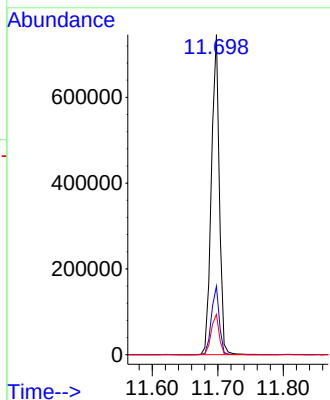
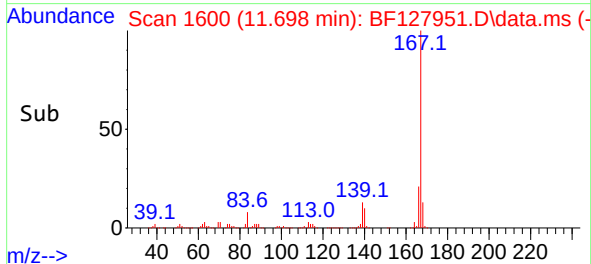
Instrument :
 BNA_F
 ClientSampleId :
 MH-14SMSD



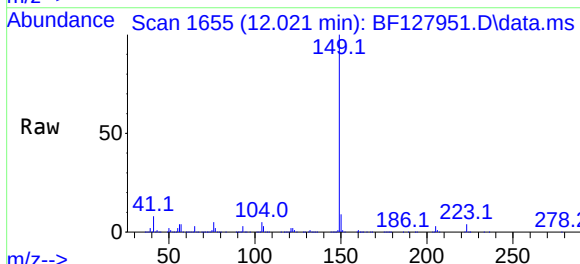
Tgt Ion:167 Resp: 629619
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.6 10.7 16.1

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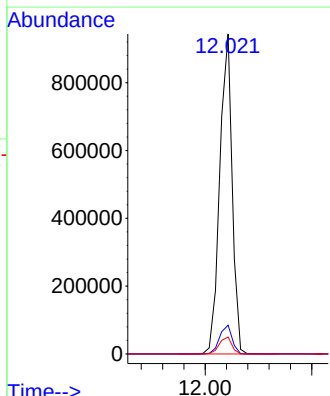
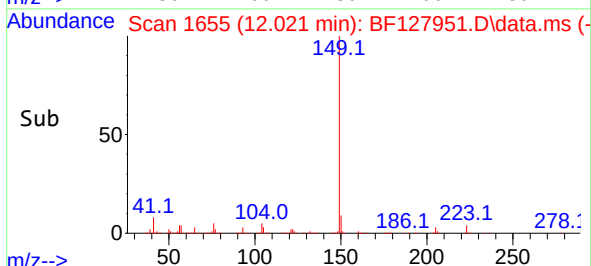
Reviewed By :Christian Giraldo 04/28/2022
 Supervised By :Jagrut Upadhyay 04/28/2022

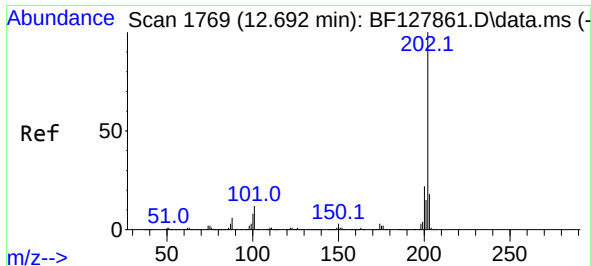


#74
 Di-n-butylphthalate
 Concen: 43.553 ng
 RT: 12.021 min Scan# 1655
 Delta R.T. -0.000 min
 Lab File: BF127951.D
 Acq: 27 Apr 2022 18:02



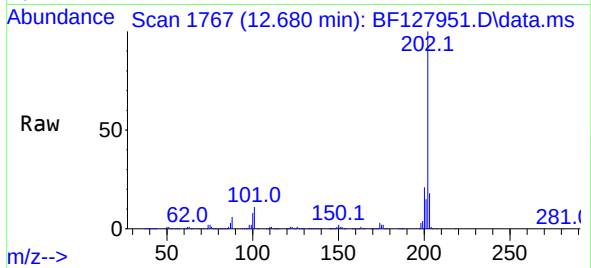
Tgt Ion:149 Resp: 758743
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 39.819 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

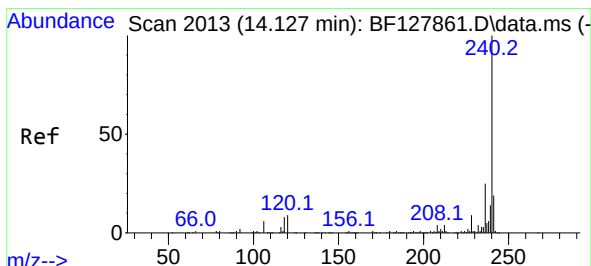
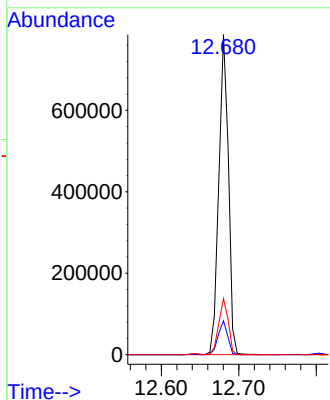
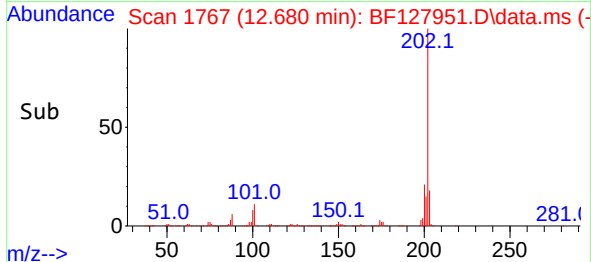
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



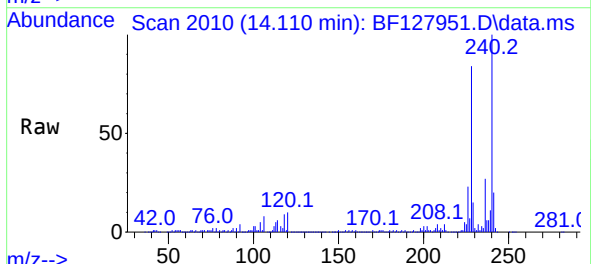
Tgt Ion:202 Resp: 67627
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.6
203 17.6 0.0 38.1

Manual Integrations
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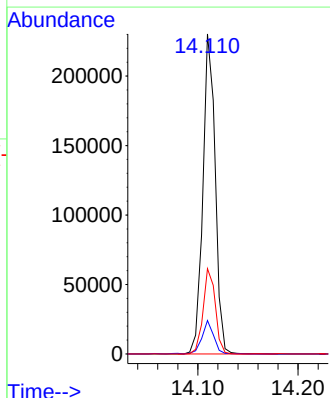
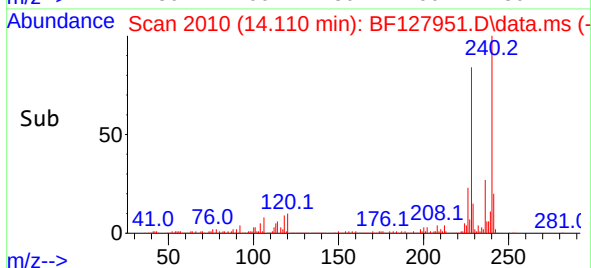
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

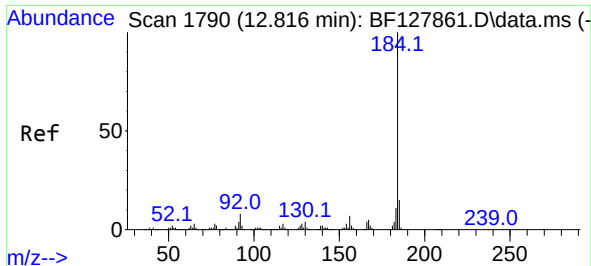


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



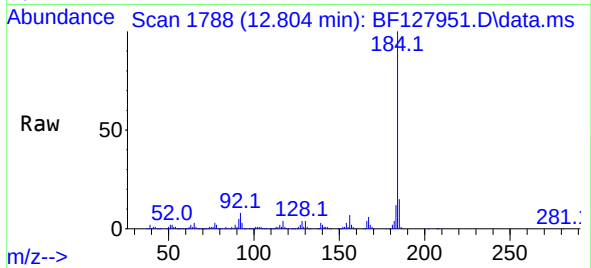
Tgt Ion:240 Resp: 197940
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 26.6 20.3 30.5





#77
Benzidine
Concen: 101.493 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

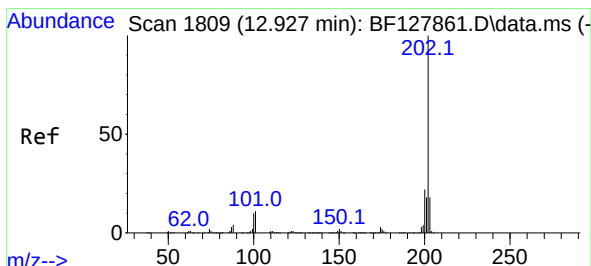
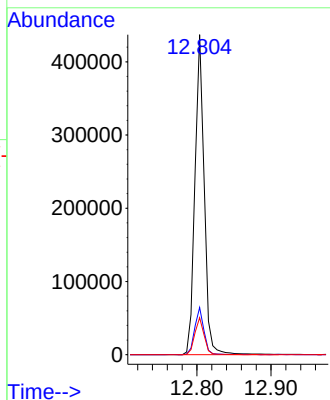
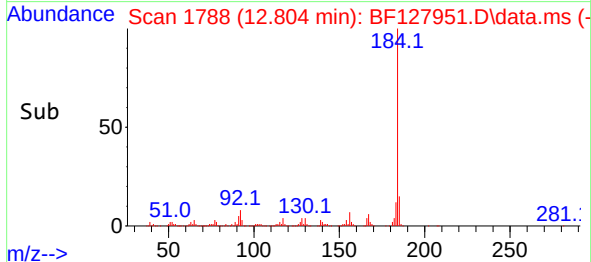
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



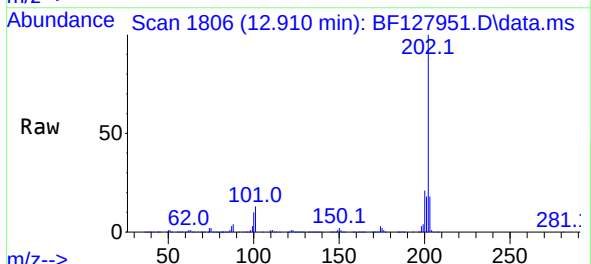
Tgt Ion:184 Resp: 380124
Ion Ratio Lower Upper
184 100
185 14.8 12.1 18.1
183 11.6 9.0 13.4

Manual Integrations
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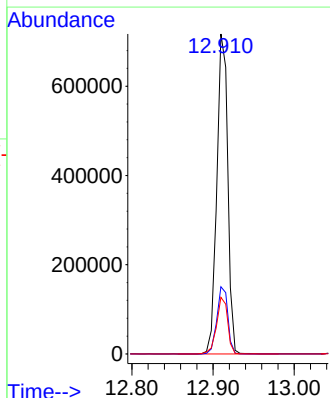
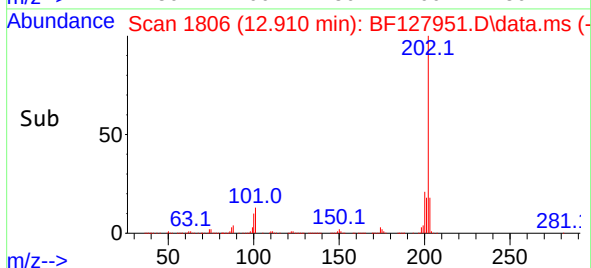
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

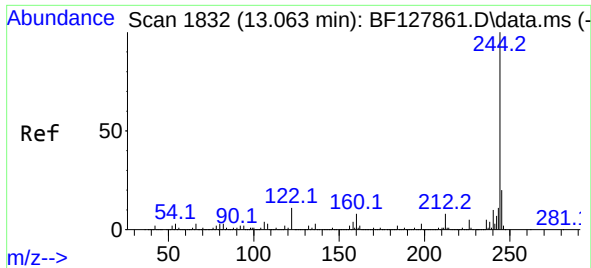


#78
Pyrene
Concen: 42.061 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion:202 Resp: 672074
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.7 14.0 21.0





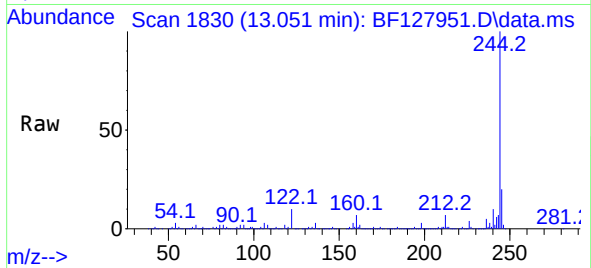
#79
Terphenyl-d14
Concen: 83.482 ng
RT: 13.051 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

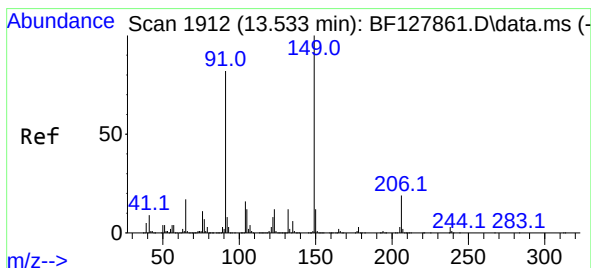
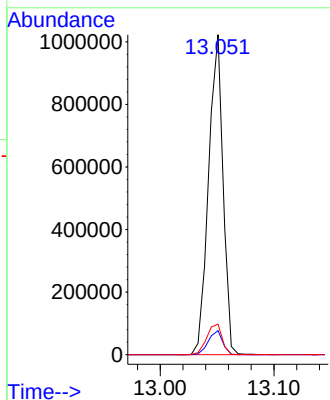
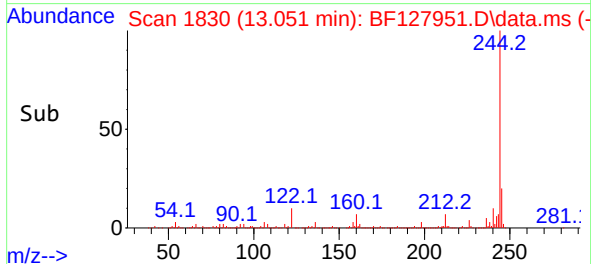


Tgt Ion:244 Resp: 903688
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.5 8.6 12.8

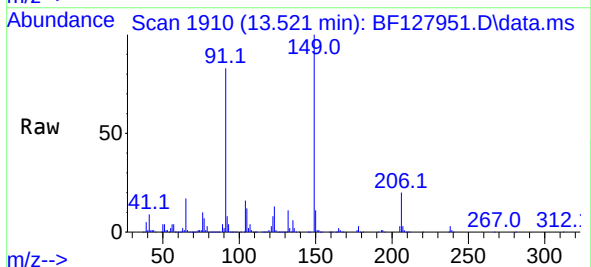
Manual Integrations

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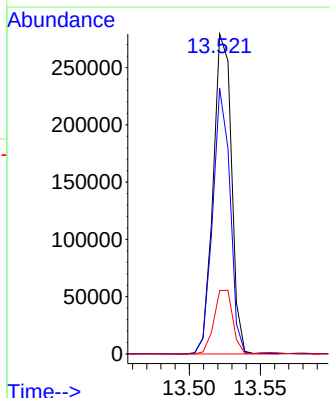
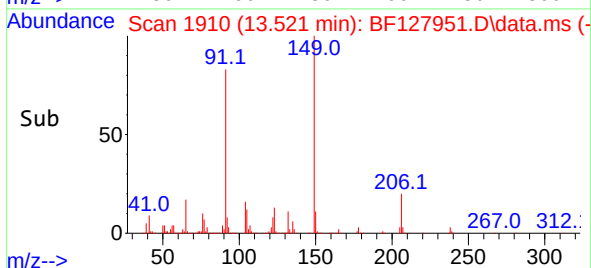
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

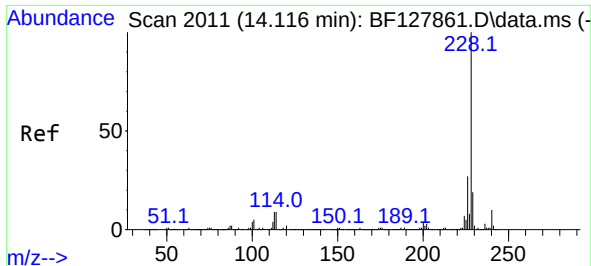


#80
Butylbenzylphthalate
Concen: 40.071 ng
RT: 13.521 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



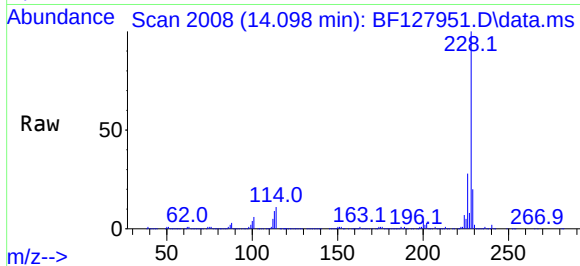
Tgt Ion:149 Resp: 250960
Ion Ratio Lower Upper
149 100
91 83.0 65.8 98.6
206 19.8 15.4 23.2





#81
Benzo(a)anthracene
Concen: 47.923 ng
RT: 14.098 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

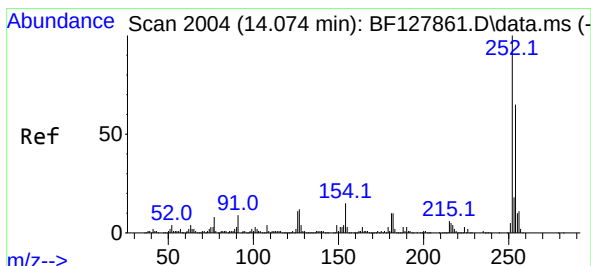
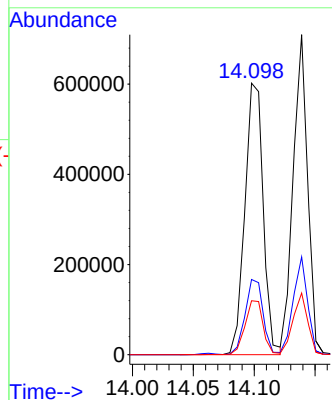
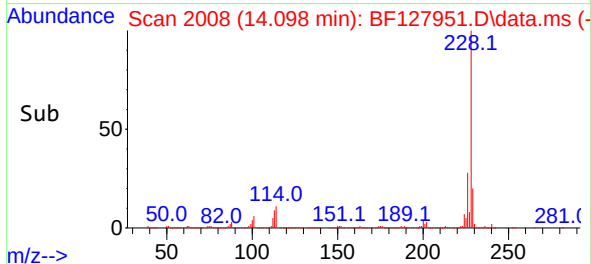
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



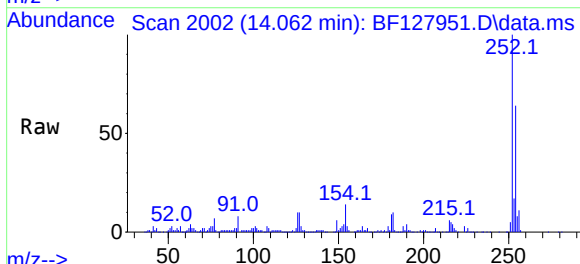
Tgt Ion:228 Resp: 632268
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.9 15.4 23.2

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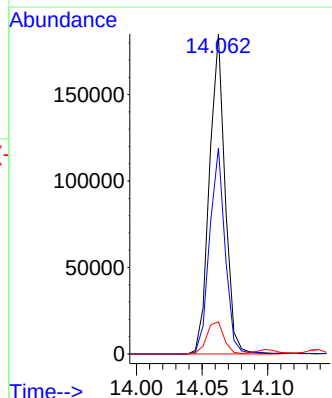
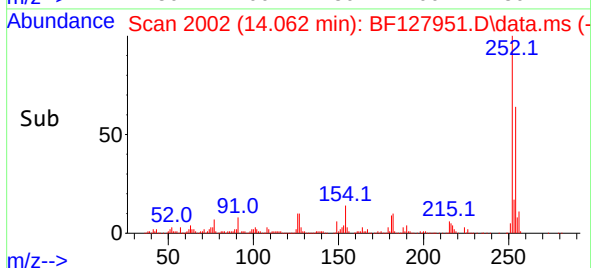
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

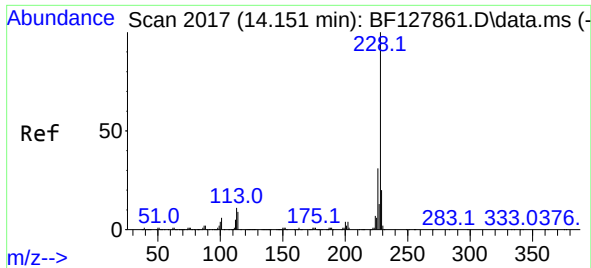


#82
3,3'-Dichlorobenzidine
Concen: 36.672 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion:252 Resp: 153620
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 10.1 8.8 13.2





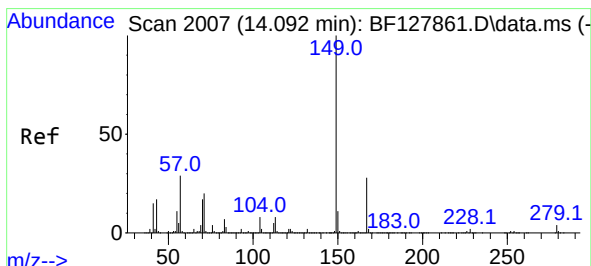
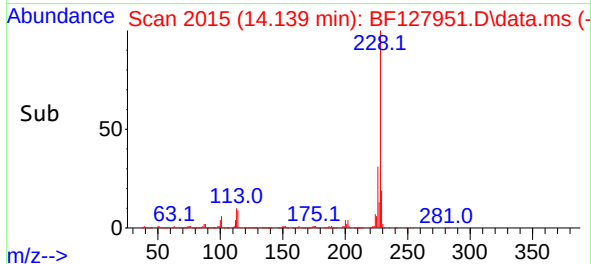
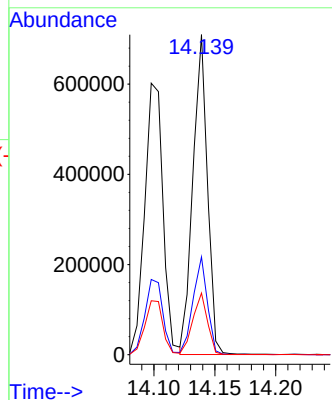
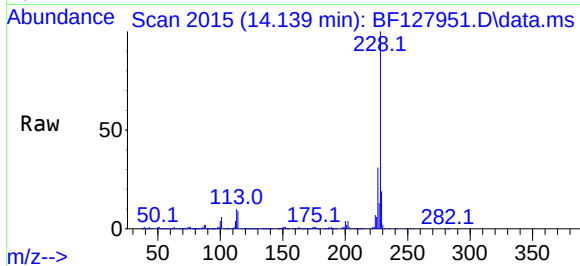
#83
Chrysene
Concen: 46.779 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :
BNA_F
ClientSampleId :
MH-14SMSD

Tgt Ion:228	Resp: 58941
Ion Ratio	Lower Upper
228 100	
226 30.5	24.4 36.6
229 19.3	15.8 23.8

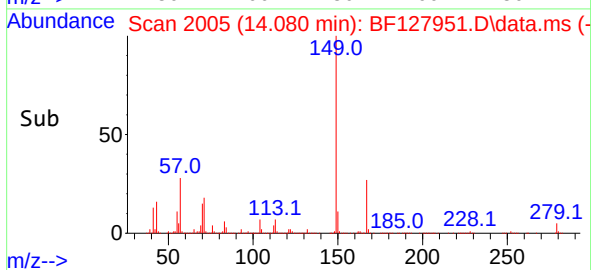
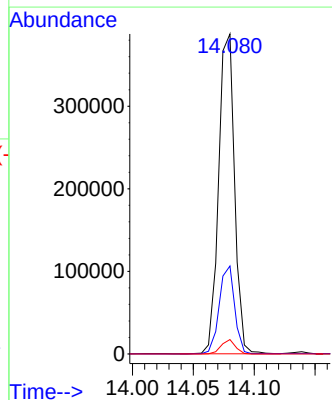
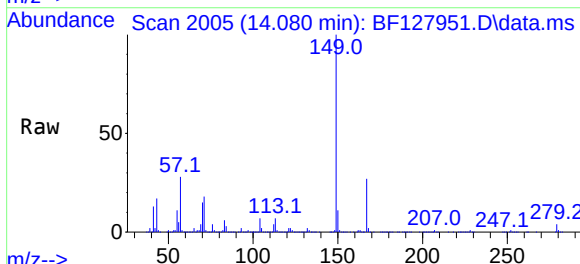
Manual Integrations
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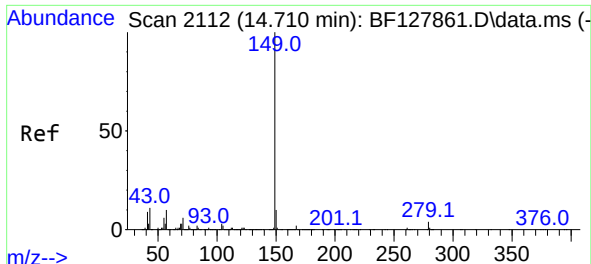
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.611 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

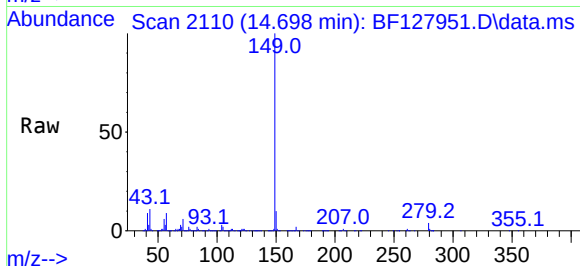
Tgt Ion:149	Resp: 353904
Ion Ratio	Lower Upper
149 100	
167 27.5	22.0 33.0
279 4.5	3.4 5.0





#85
Di-n-octyl phthalate
Concen: 50.617 ng
RT: 14.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

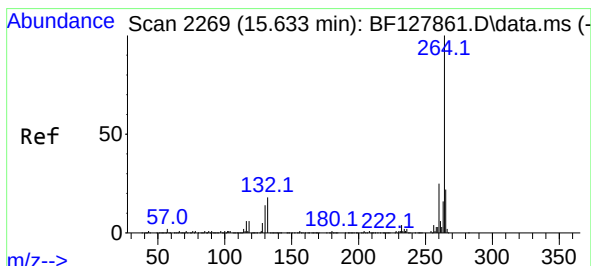
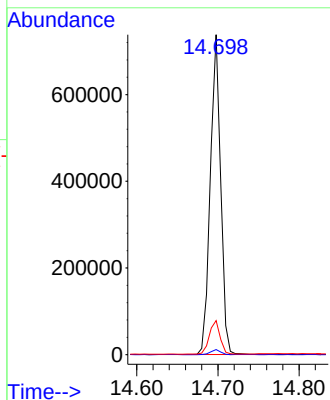
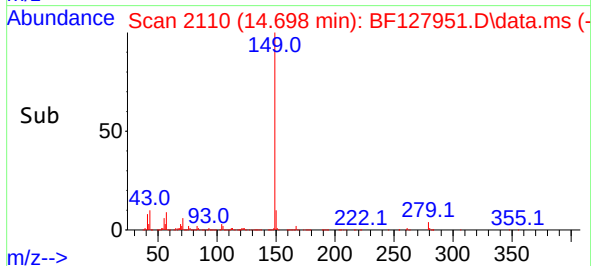
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



Tgt Ion:149 Resp: 651490
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 8.9 13.3

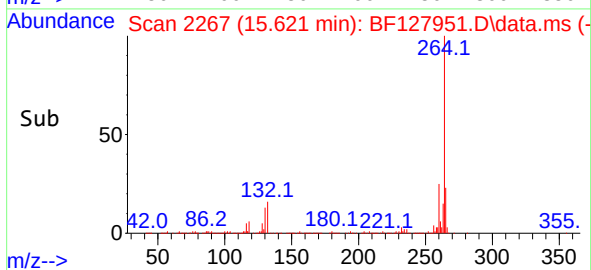
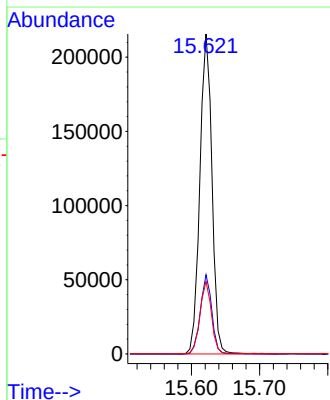
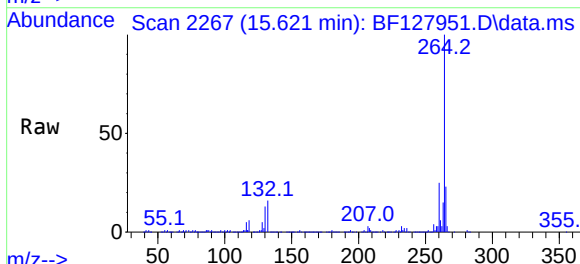
Manual Integrations
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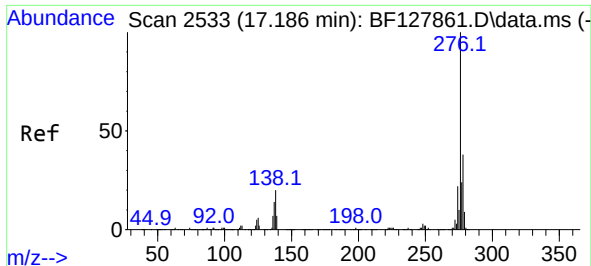
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:264 Resp: 265190
Ion Ratio Lower Upper
264 100
260 24.8 20.1 30.1
265 22.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.633 ng
RT: 17.168 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

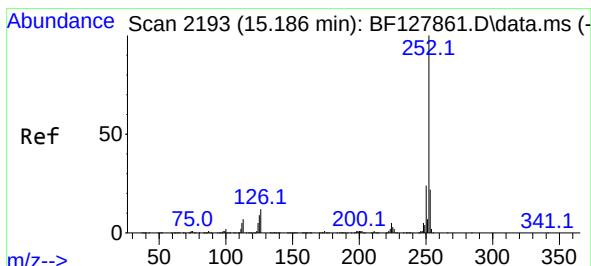
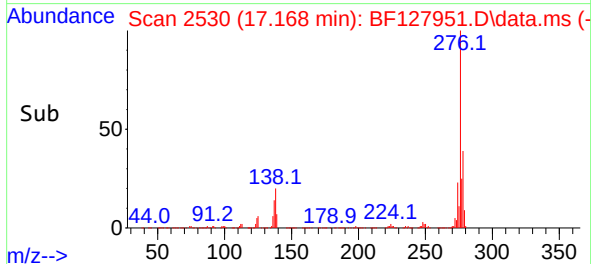
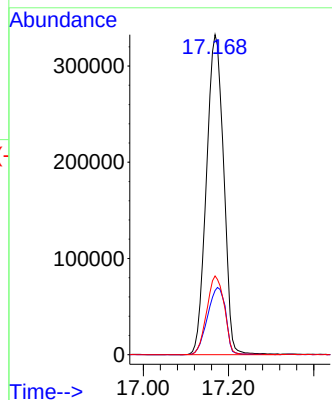
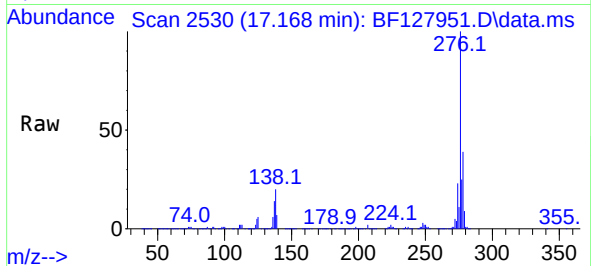
MH-14SMSD

Tgt Ion:276 Resp: 931654
Ion Ratio Lower Upper
276 100
138 22.3 19.0 28.4
277 25.2 20.1 30.1

Manual Integrations

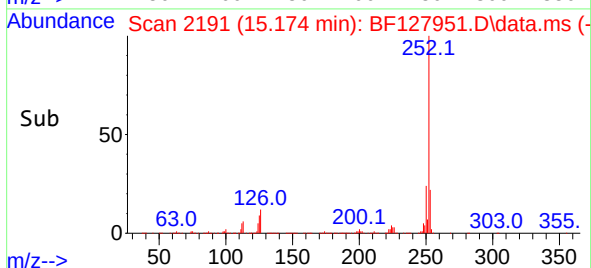
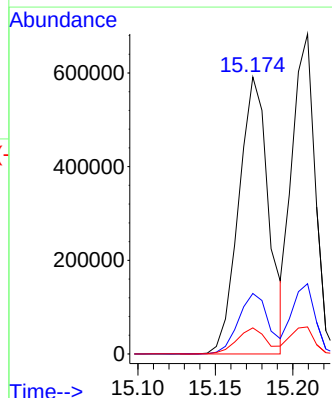
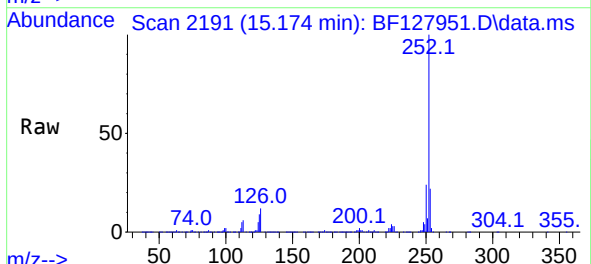
APPROVED

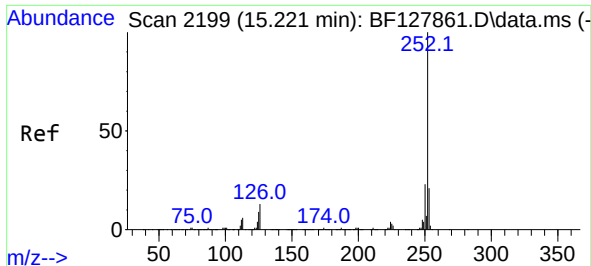
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#88
Benzo(b)fluoranthene
Concen: 47.884 ng
RT: 15.174 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

Tgt Ion:252 Resp: 797564
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.167 ng

RT: 15.209 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

Instrument :

BNA_F

ClientSampleId :

MH-14SMSD

Tgt Ion:252 Resp: 70760

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

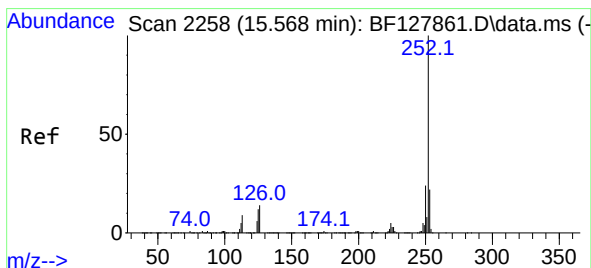
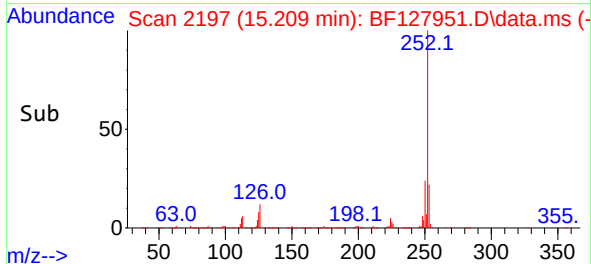
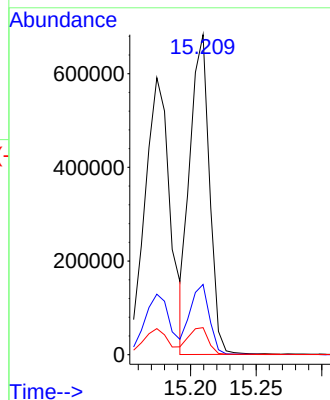
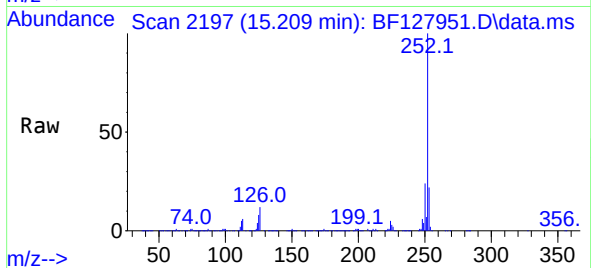
125 8.4 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2022

Supervised By :Jagrut Upadhyay 04/28/2022



#90

Benzo(a)pyrene

Concen: 56.532 ng

RT: 15.562 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF127951.D

Acq: 27 Apr 2022 18:02

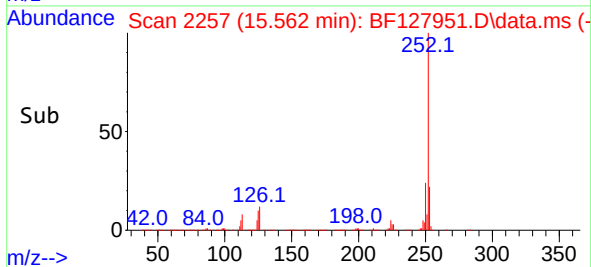
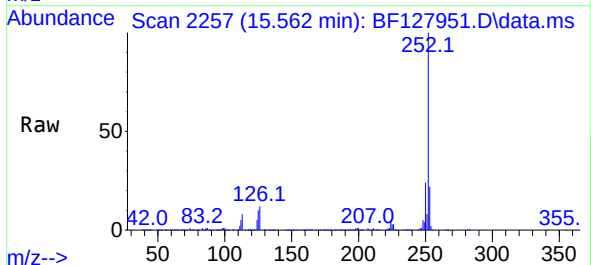
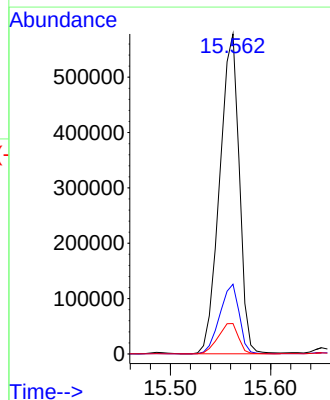
Tgt Ion:252 Resp: 781062

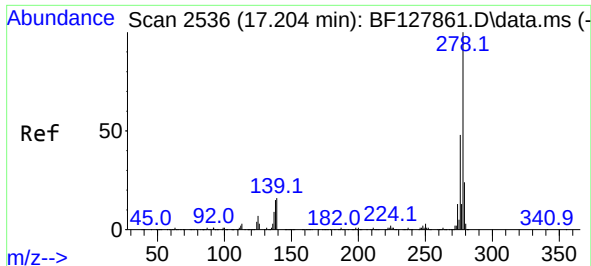
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

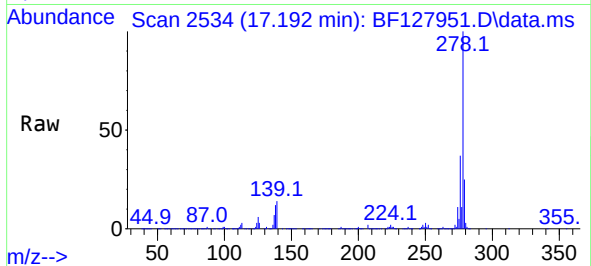
125 9.5 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 55.438 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02

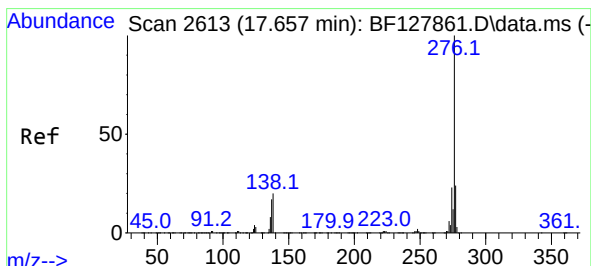
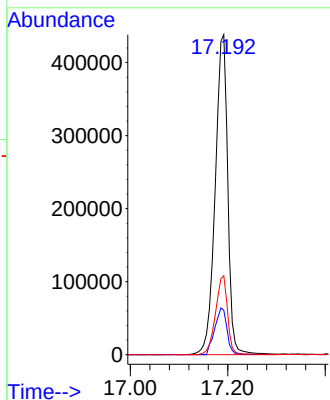
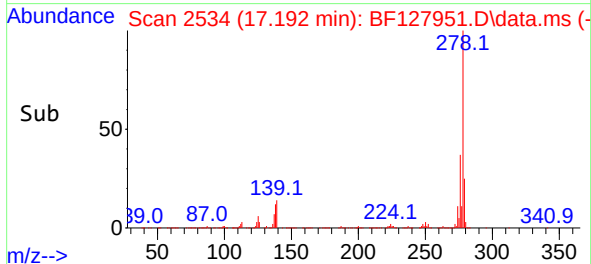
Instrument :
BNA_F
ClientSampleId :
MH-14SMSD



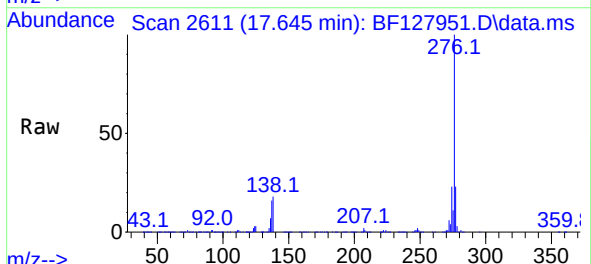
Tgt Ion: 278 Resp: 786999
Ion Ratio Lower Upper
278 100
139 13.9 12.6 19.0
279 24.6 18.9 28.3

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/28/2022
Supervised By : Jagrut Upadhyay 04/28/2022



#92
Benzo(g,h,i)perylene
Concen: 53.696 ng
RT: 17.645 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF127951.D
Acq: 27 Apr 2022 18:02



Tgt Ion: 276 Resp: 803325
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 18.0 16.2 24.2

