

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127393.D
 Acq On : 18 Mar 2022 15:51
 Operator : CG\JU
 Sample : N1949-15MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMS

Quant Time: Mar 19 01:51:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	88399	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	332235	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	201001	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	377438	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	249580	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	224459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	453309	82.436	ng	0.00
7) Phenol-d6	6.498	99	629133	83.168	ng	0.00
23) Nitrobenzene-d5	7.428	82	431027	53.578	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	175740	81.220	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	765933	53.874	ng	0.00
79) Terphenyl-d14	12.974	244	929079	64.101	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	81961	28.746	ng	# 81
3) Pyridine	3.428	79	245478	32.353	ng	# 75
4) n-Nitrosodimethylamine	3.399	42	157109	37.373	ng	# 64
6) Aniline	6.522	93	301462	33.346	ng	# 90
8) 2-Chlorophenol	6.645	128	240231	42.229	ng	94
9) Benzaldehyde	6.410	77	152696	37.713	ng	92
10) Phenol	6.510	94	339034	40.799	ng	81
11) bis(2-Chloroethyl)ether	6.593	93	255431	41.392	ng	91
12) 1,3-Dichlorobenzene	6.798	146	252254	39.503	ng	98
13) 1,4-Dichlorobenzene	6.875	146	253109	39.511	ng	98
14) 1,2-Dichlorobenzene	7.028	146	244591	40.568	ng	97
15) Benzyl Alcohol	7.004	79	239677	42.271	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.128	45	456385	39.409	ng	94
17) 2-Methylphenol	7.116	107	199258	41.202	ng	# 90
18) Hexachloroethane	7.363	117	97118	39.466	ng	# 86
19) n-Nitroso-di-n-propyla...	7.275	70	187991	39.824	ng	89
20) 3+4-Methylphenols	7.269	107	236645	37.731	ng	# 85
22) Acetophenone	7.269	105	327322	35.984	ng	# 82
24) Nitrobenzene	7.445	77	293667	38.595	ng	94
25) Isophorone	7.681	82	541541	41.864	ng	97
26) 2-Nitrophenol	7.763	139	124501	39.511	ng	# 82
27) 2,4-Dimethylphenol	7.798	122	207031	43.768	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	319619	38.995	ng	99
29) 2,4-Dichlorophenol	8.004	162	212864	39.294	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	231974	37.562	ng	98
31) Naphthalene	8.163	128	689129	38.884	ng	100
32) Benzoic acid	7.945	122	112948	36.236	ng	92
33) 4-Chloroaniline	8.216	127	131910	19.202	ng	# 94
34) Hexachlorobutadiene	8.275	225	150510	36.547	ng	99
35) Caprolactam	8.639	113	33230	20.534	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	238789	40.670	ng	99
37) 2-Methylnaphthalene	8.857	142	454544	39.251	ng	96
38) 1-Methylnaphthalene	8.957	142	433562	38.944	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	236713	37.201	ng	# 94
41) Hexachlorocyclopentadiene	9.004	237	199465	75.487	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	152595	37.997	ng	99

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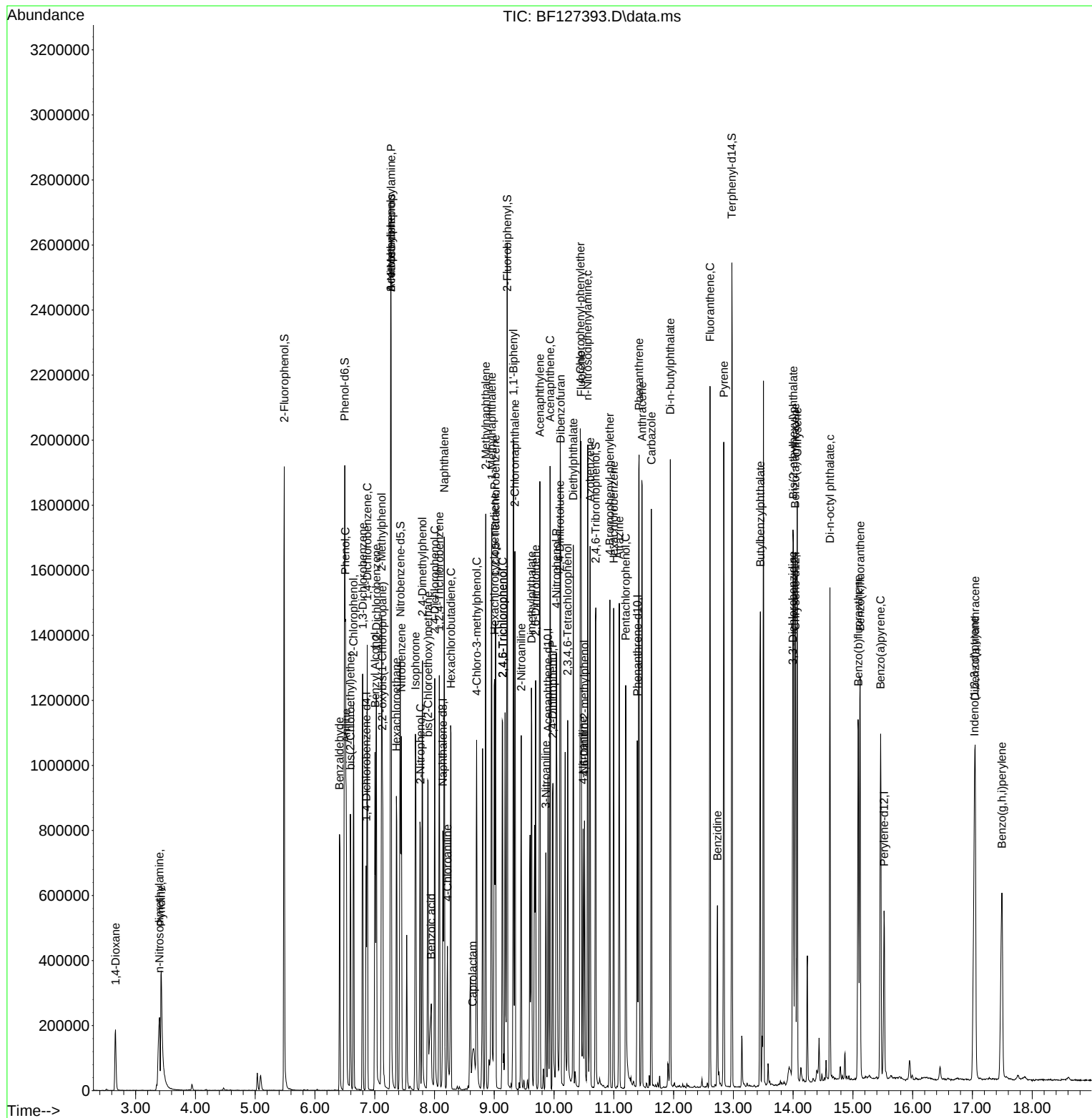
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	152595	35.801	ng	93
46) 1,1'-Biphenyl	9.322	154	574765	37.887	ng	97
47) 2-Chloronaphthalene	9.345	162	445969	37.765	ng	100
48) 2-Nitroaniline	9.451	65	179663	39.542	ng	91
49) Acenaphthylene	9.763	152	730700	40.433	ng	98
50) Dimethylphthalate	9.622	163	559728	38.862	ng	99
51) 2,6-Dinitrotoluene	9.692	165	120545	41.375	ng	91
52) Acenaphthene	9.934	154	410595	38.115	ng	98
53) 3-Nitroaniline	9.863	138	86781	27.333	ng	91
54) 2,4-Dinitrophenol	9.981	184	116549	72.946	ng	88
55) Dibenzofuran	10.110	168	613380	36.651	ng	99
56) 4-Nitrophenol	10.039	139	153628	79.610	ng	# 71
57) 2,4-Dinitrotoluene	10.098	165	157476	41.081	ng	# 91
58) Fluorene	10.451	166	496296	38.244	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	141479	39.943	ng	# 77
60) Diethylphthalate	10.322	149	518028	39.430	ng	97
61) 4-Chlorophenyl-phenylether	10.439	204	261122	37.130	ng	90
62) 4-Nitroaniline	10.486	138	117667	37.192	ng	# 79
63) Azobenzene	10.604	77	579772	38.390	ng	89
65) 4,6-Dinitro-2-methylph...	10.510	198	88571	38.060	ng	85
66) n-Nitrosodiphenylamine	10.563	169	433392	36.972	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	165759	36.432	ng	92
68) Hexachlorobenzene	10.998	284	183960	37.100	ng	90
69) Atrazine	11.092	200	168525	41.663	ng	95
70) Pentachlorophenol	11.198	266	162656	81.245	ng	98
71) Phenanthrene	11.422	178	738122	37.046	ng	99
72) Anthracene	11.475	178	758462	38.438	ng	99
73) Carbazole	11.628	167	690409	37.155	ng	99
74) Di-n-butylphthalate	11.945	149	833344	38.343	ng	99
75) Fluoranthene	12.610	202	841707	37.782	ng	92
77) Benzidine	12.733	184	205938	32.448	ng	# 97
78) Pyrene	12.839	202	838077	43.112	ng	99
80) Butylbenzylphthalate	13.451	149	306765	41.003	ng	# 89
81) Benzo(a)anthracene	14.033	228	647369	38.523	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	124351	23.799	ng	# 96
83) Chrysene	14.069	228	594357	38.026	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	395913	39.311	ng	# 96
85) Di-n-octyl phthalate	14.616	149	617885	40.535	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	592035	43.784	ng	# 84
88) Benzo(b)fluoranthene	15.092	252	585746	39.756	ng	# 91
89) Benzo(k)fluoranthene	15.121	252	536231	38.708	ng	# 92
90) Benzo(a)pyrene	15.463	252	546477	47.102	ng	# 93
91) Dibenzo(a,h)anthracene	17.045	278	525512	46.696	ng	# 90
92) Benzo(g,h,i)perylene	17.492	276	516109	47.014	ng	# 84

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

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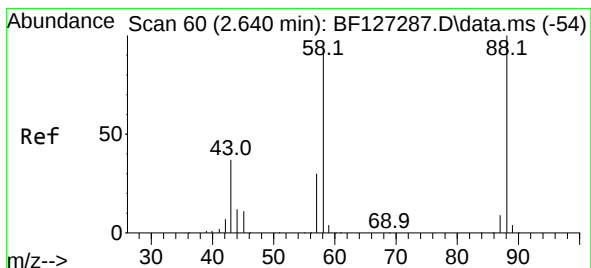
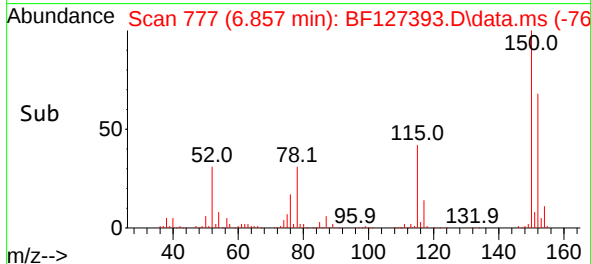
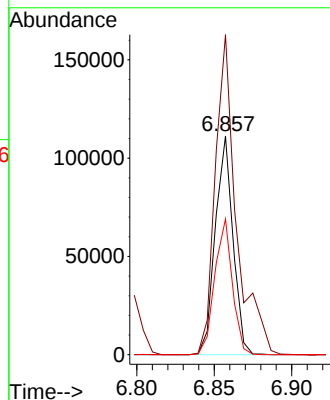
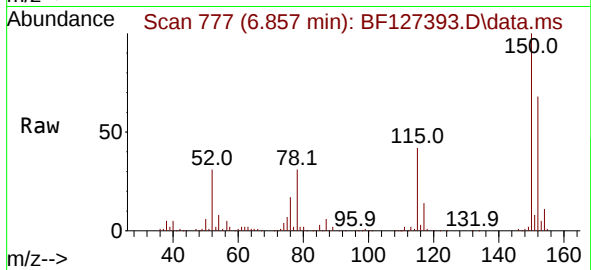




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127393.D
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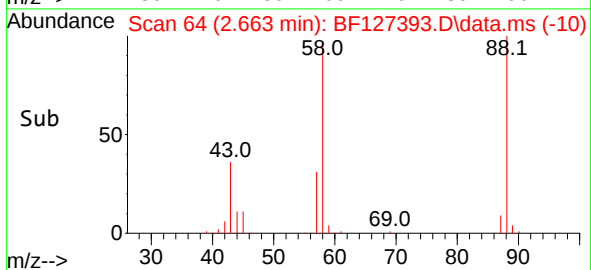
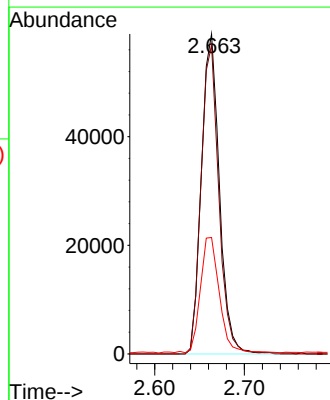
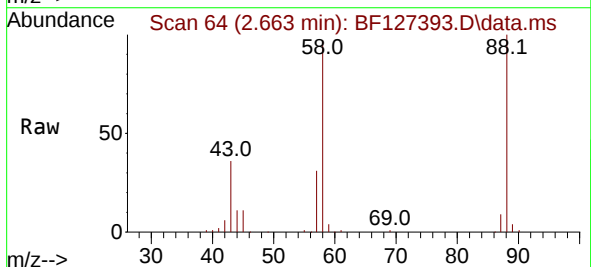
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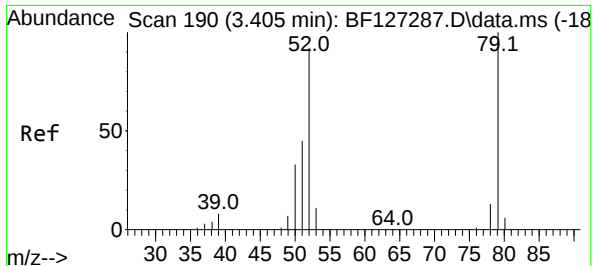
Tgt Ion:152 Resp: 88399
 Ion Ratio Lower Upper
 152 100
 150 146.2 128.1 192.1
 115 62.0 56.7 85.1



#2
 1,4-Dioxane
 Concen: 28.746 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.018 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

Tgt Ion: 88 Resp: 81961
 Ion Ratio Lower Upper
 88 100
 58 95.0 62.8 94.2#
 43 38.1 22.3 33.5#

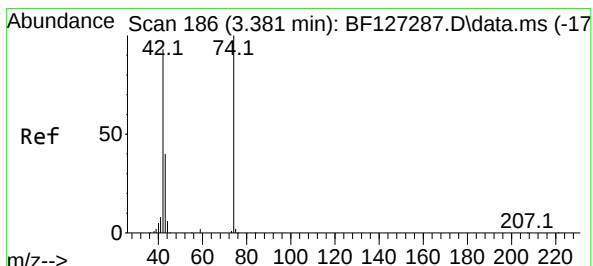
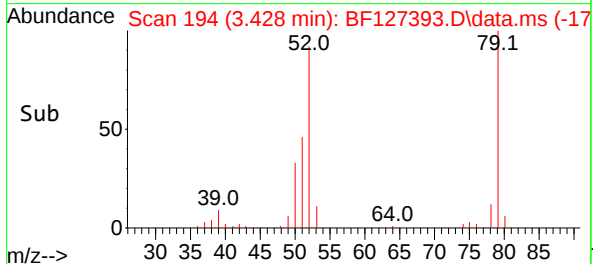
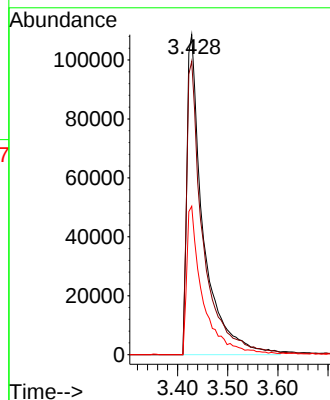
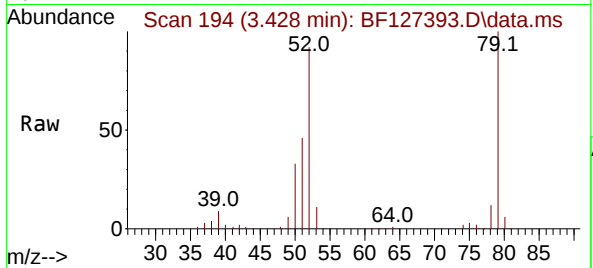




#3
Pyridine
Concen: 32.353 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.024 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

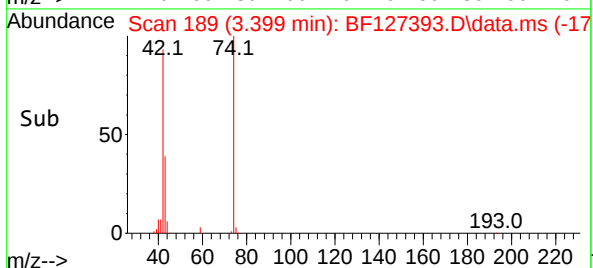
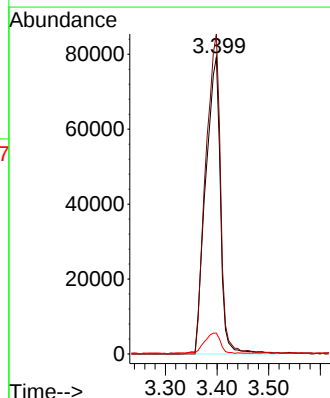
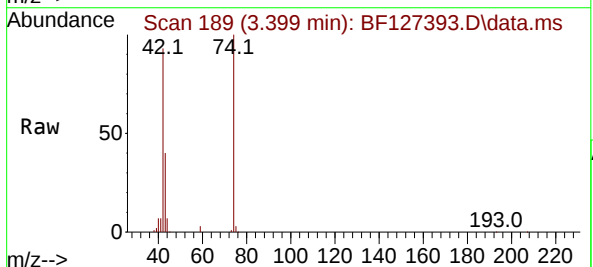
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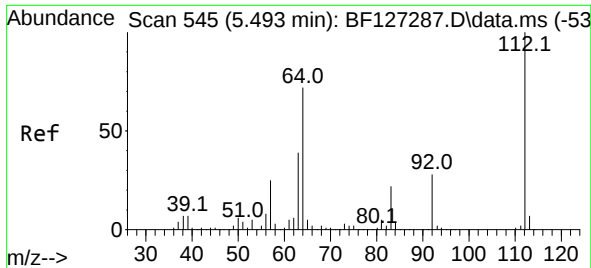
Tgt Ion: 79 Resp: 245478
Ion Ratio Lower Upper
79 100
52 91.7 56.2 84.4#
51 46.4 26.7 40.1#



#4
n-Nitrosodimethylamine
Concen: 37.373 ng
RT: 3.399 min Scan# 189
Delta R.T. 0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 42 Resp: 157109
Ion Ratio Lower Upper
42 100
74 107.8 125.6 188.4#
44 7.0 5.7 8.5

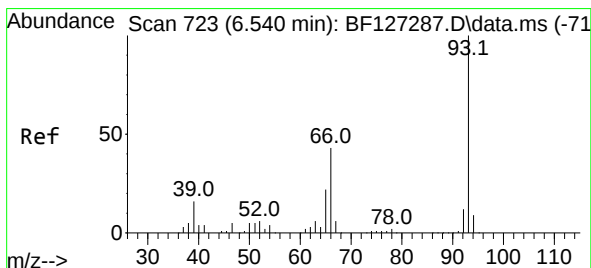
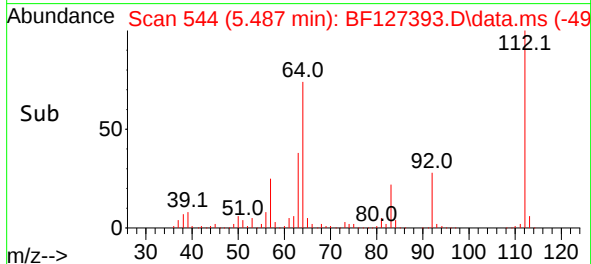
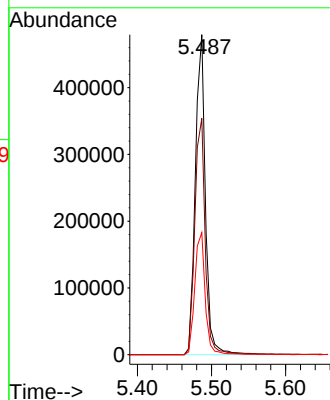
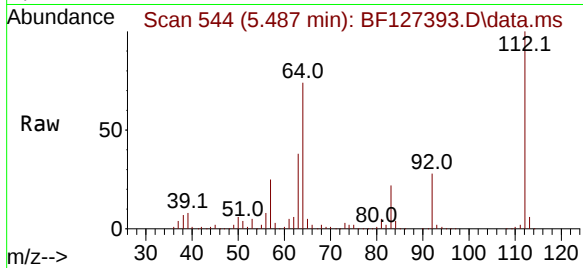




#5
2-Fluorophenol
Concen: 82.436 ng
RT: 5.487 min Scan# 54
Delta R.T. 0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

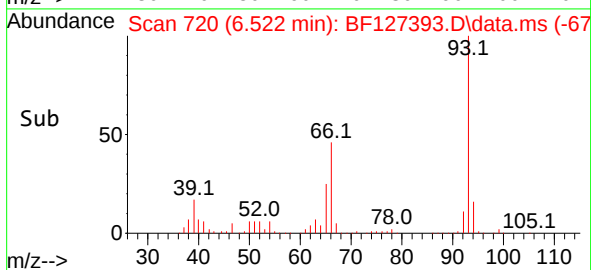
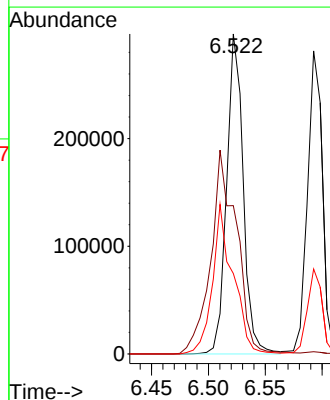
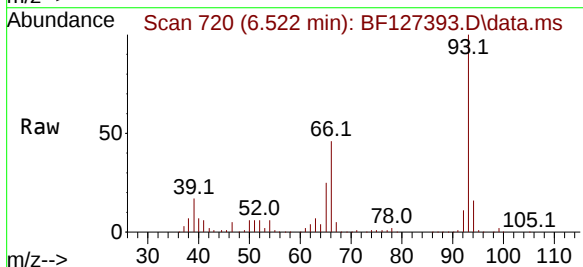
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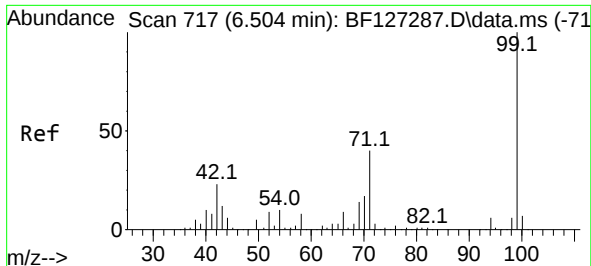
Tgt Ion:112 Resp: 453309
Ion Ratio Lower Upper
112 100
64 73.8 49.5 74.3
63 38.1 23.9 35.9#



#6
Aniline
Concen: 33.346 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 93 Resp: 301462
Ion Ratio Lower Upper
93 100
66 46.4 32.2 48.4
65 25.2 16.3 24.5#

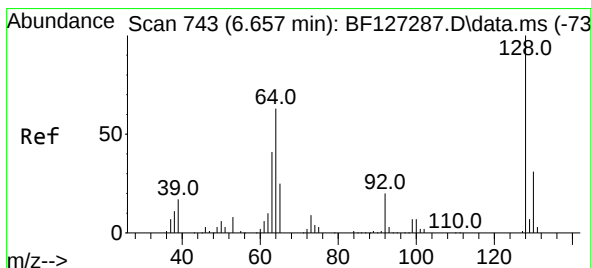
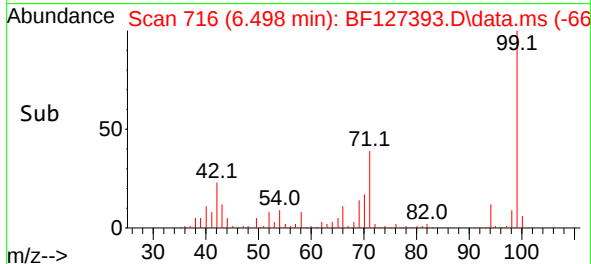
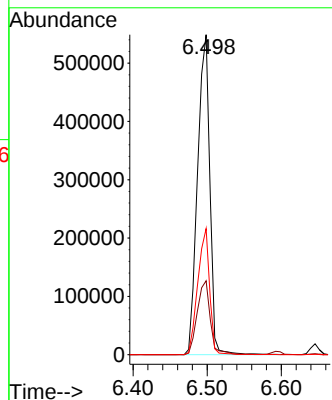
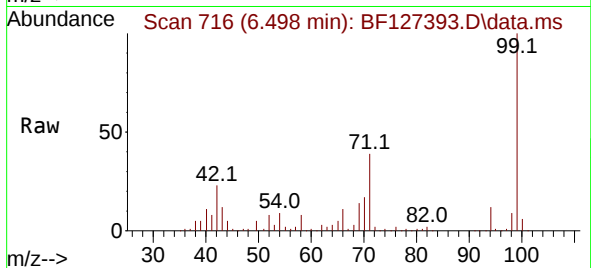




#7
Phenol-d6
Concen: 83.168 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127393.D
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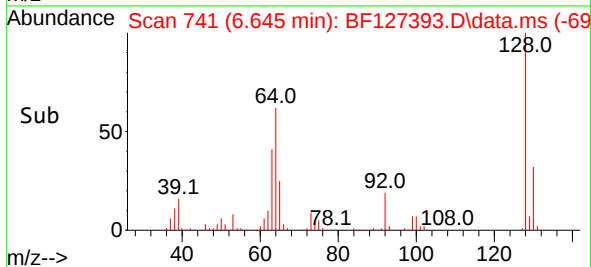
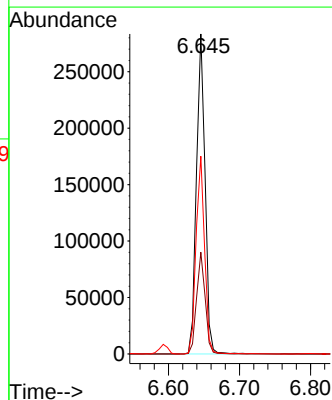
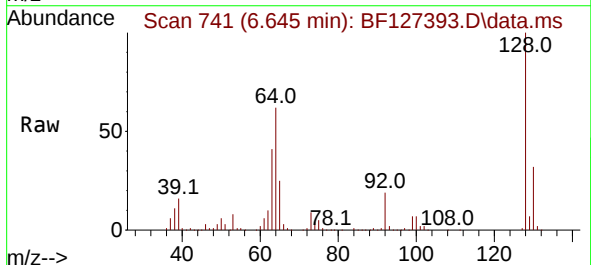
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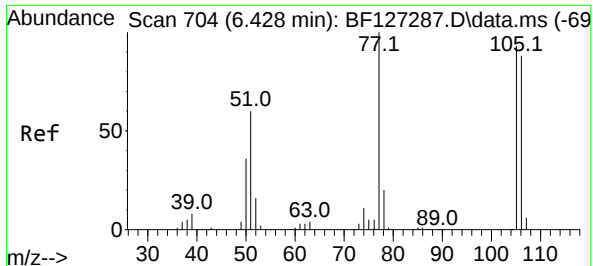
Tgt Ion: 99 Resp: 629133
Ion Ratio Lower Upper
99 100
42 23.1 14.2 21.4#
71 39.4 24.3 36.5#



#8
2-Chlorophenol
Concen: 42.229 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 128 Resp: 240231
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 61.8 35.6 75.6

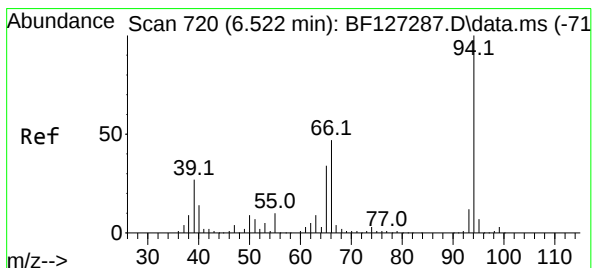
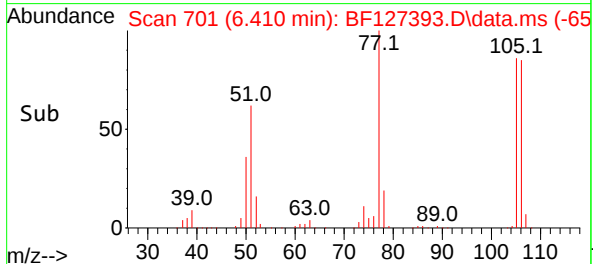
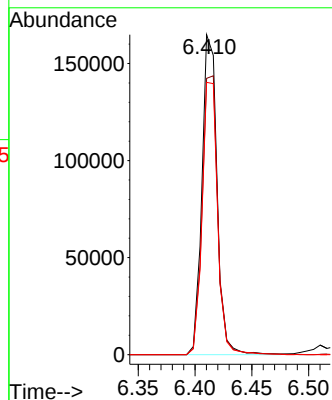
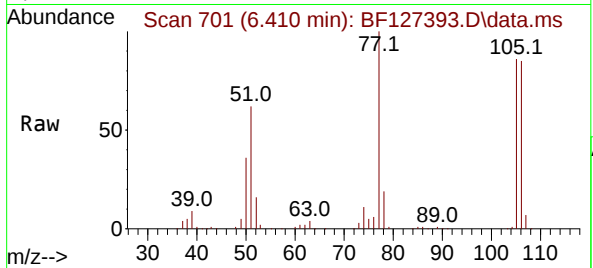




#9
Benzaldehyde
Concen: 37.713 ng
RT: 6.410 min Scan# 704
Delta R.T. -0.006 min
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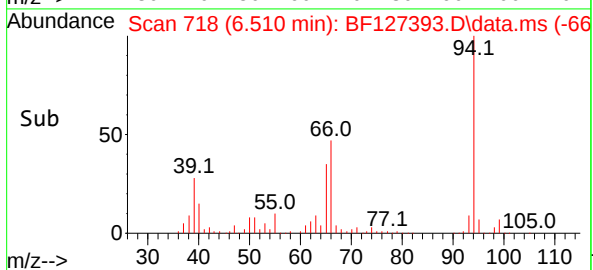
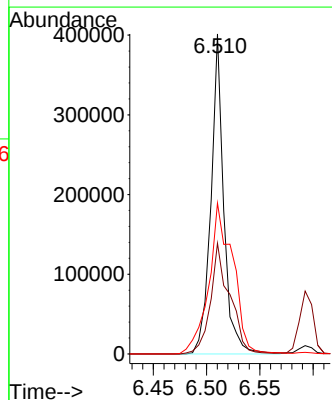
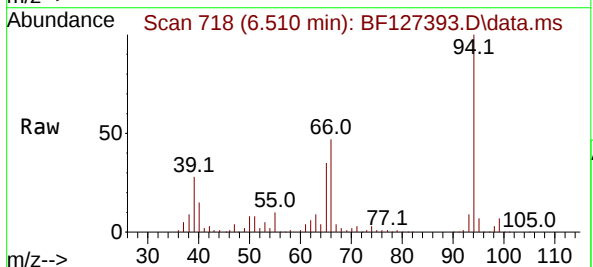
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Tgt Ion: 77 Resp: 152696
Ion Ratio Lower Upper
77 100
105 86.4 74.9 114.9
106 85.1 72.4 112.4



#10
Phenol
Concen: 40.799 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 339034
Ion Ratio Lower Upper
94 100
65 34.6 7.2 47.2
66 47.1 14.5 54.5

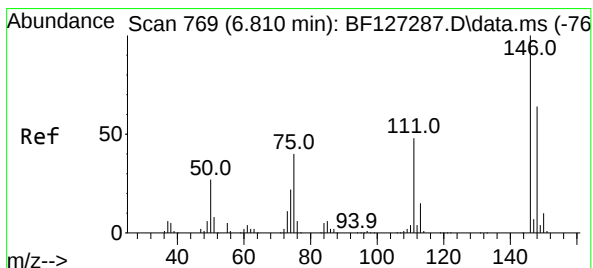
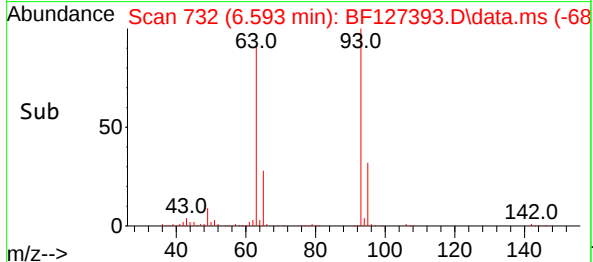
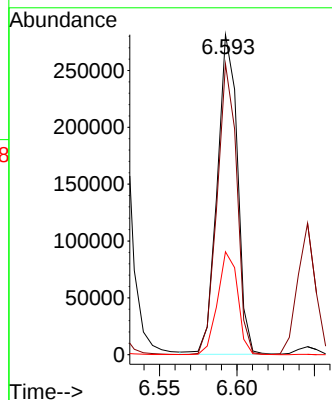
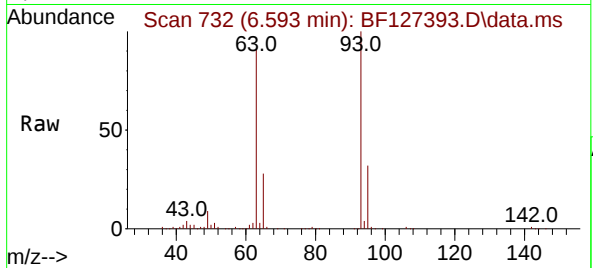




#11
bis(2-Chloroethyl)ether
Concen: 41.392 ng
RT: 6.593 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

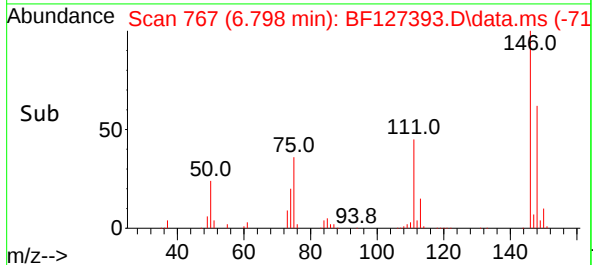
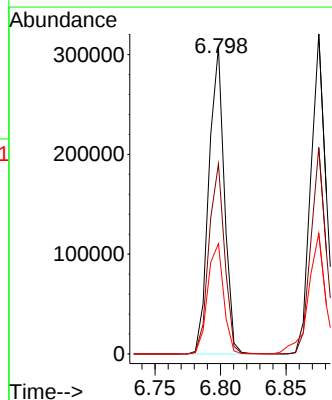
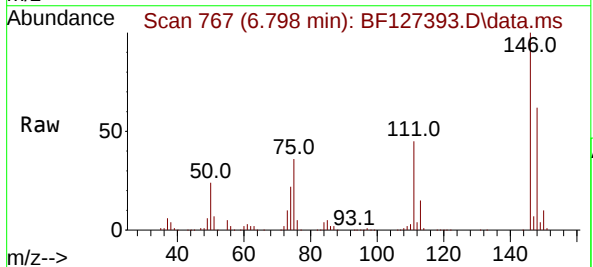
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

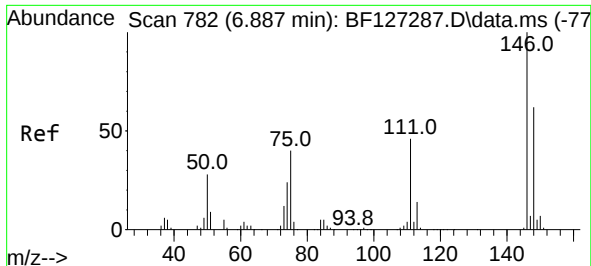
Tgt Ion: 93 Resp: 255431
Ion Ratio Lower Upper
93 100
63 90.8 60.5 100.5
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.503 ng
RT: 6.798 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:146 Resp: 252254
Ion Ratio Lower Upper
146 100
148 61.9 50.9 76.3
75 36.0 28.4 42.6

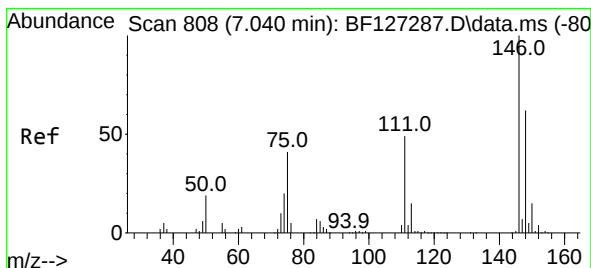
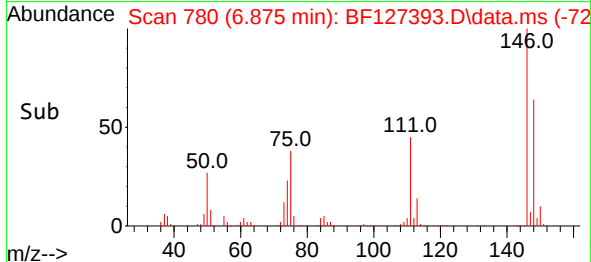
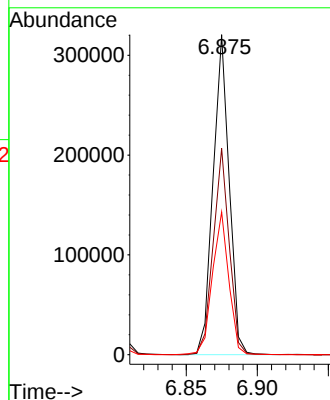
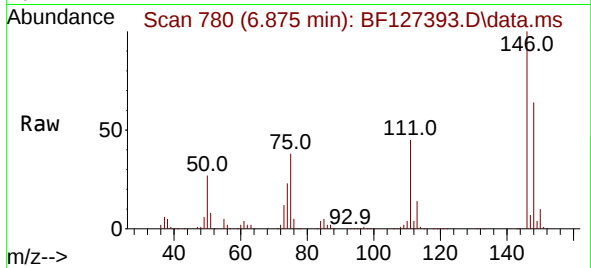




#13
1,4-Dichlorobenzene
Concen: 39.511 ng
RT: 6.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

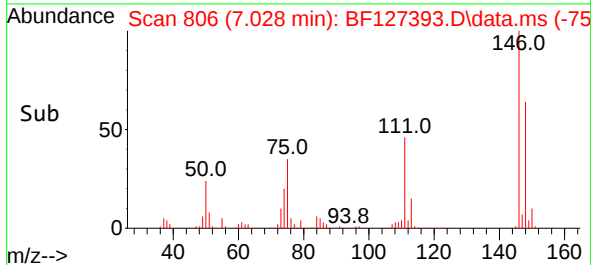
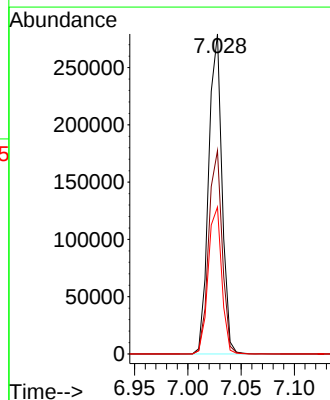
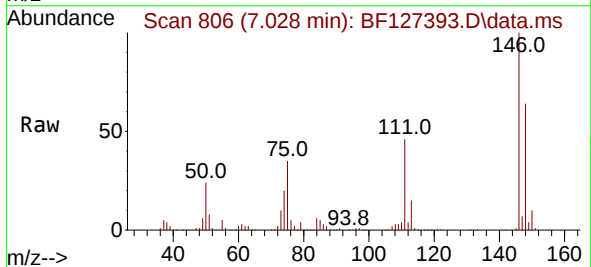
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion:146 Resp: 253109
Ion Ratio Lower Upper
146 100
148 64.5 49.8 74.6
111 44.6 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 40.568 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:146 Resp: 244591
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 45.9 40.2 60.2

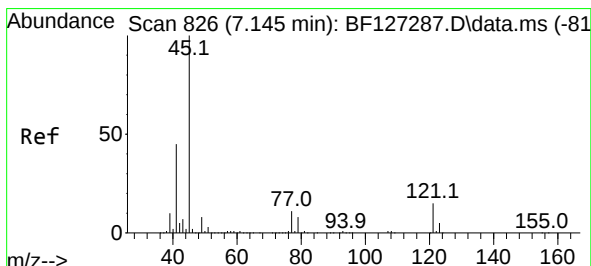
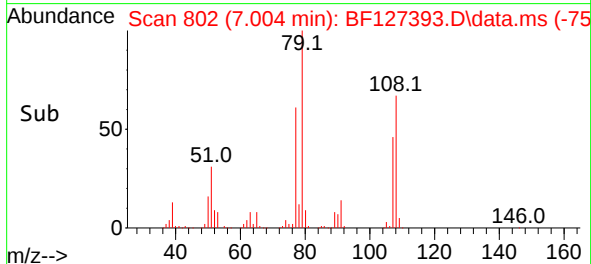
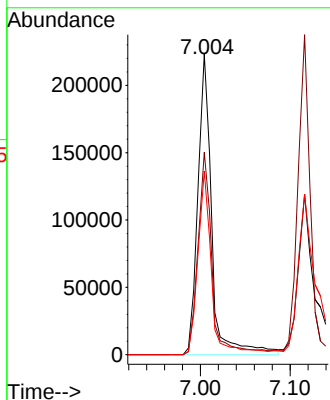
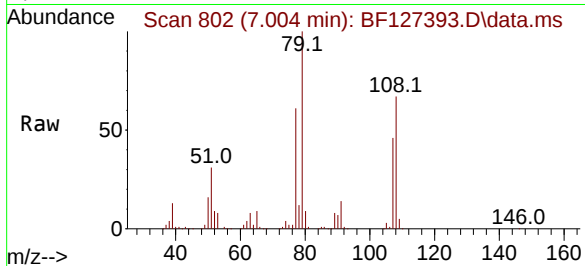




#15
Benzyl Alcohol
Concen: 42.271 ng
RT: 7.004 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

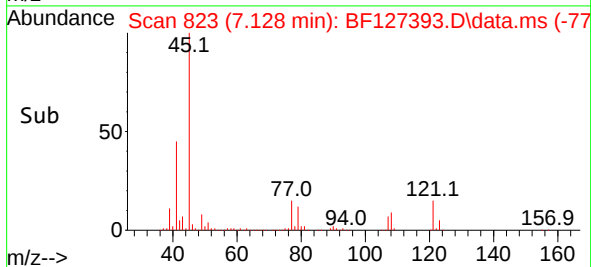
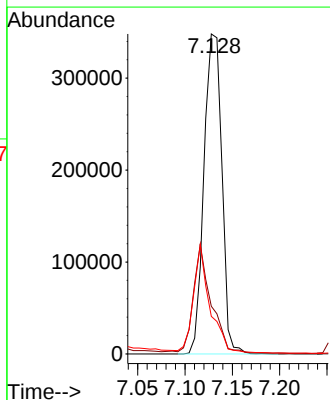
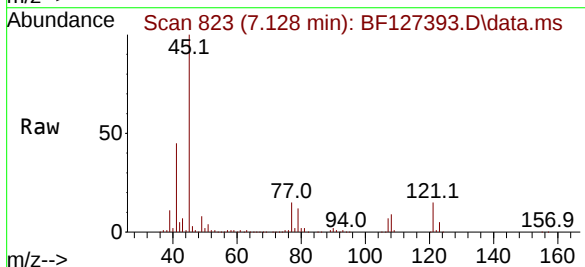
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

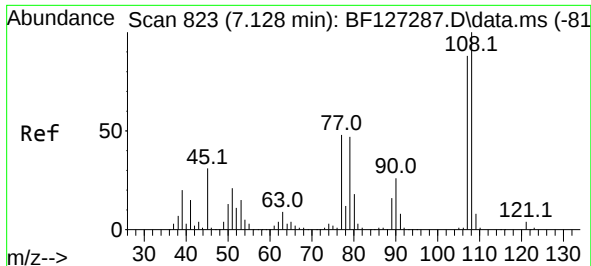
Tgt Ion: 79 Resp: 239677
Ion Ratio Lower Upper
79 100
108 67.3 63.2 94.8
77 61.0 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.409 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 45 Resp: 456385
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.4
79 11.8 0.0 29.8

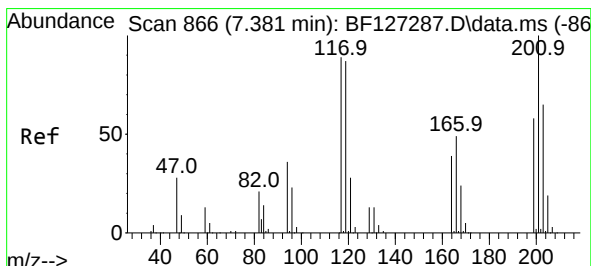
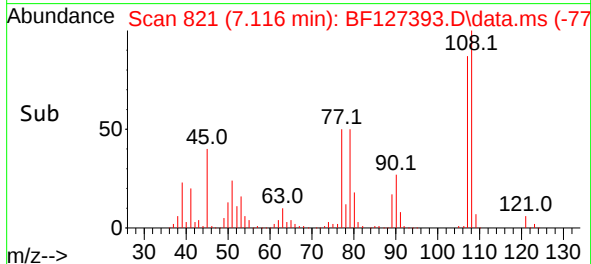
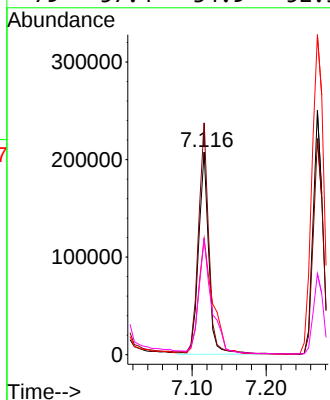
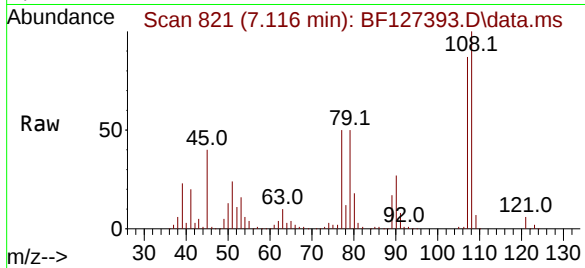




#17
2-Methylphenol
Concen: 41.202 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

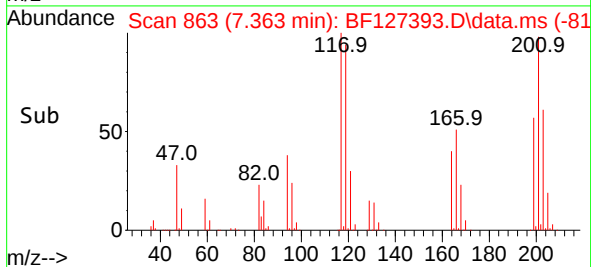
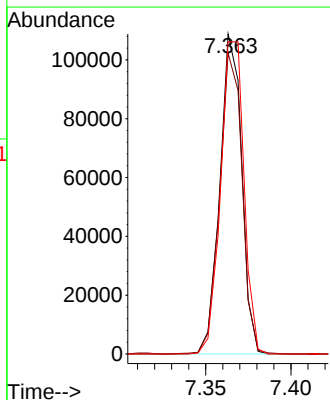
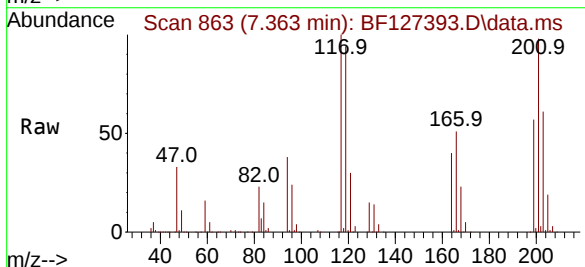
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

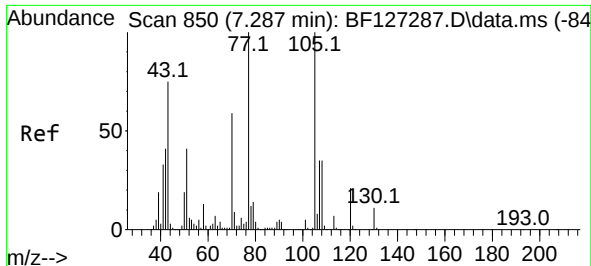
Tgt Ion:107 Resp: 199258
Ion Ratio Lower Upper
107 100
108 114.5 93.4 140.0
77 57.5 36.1 54.1#
79 57.4 34.9 52.3#



#18
Hexachloroethane
Concen: 39.466 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:117 Resp: 97118
Ion Ratio Lower Upper
117 100
119 94.0 75.4 113.0
201 97.5 56.8 85.2#



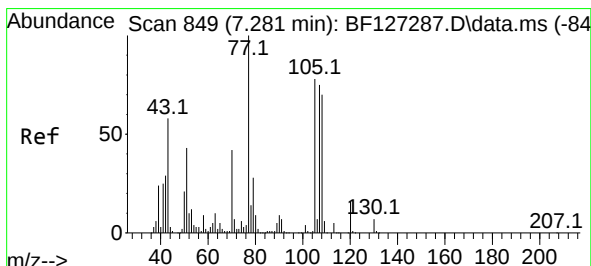
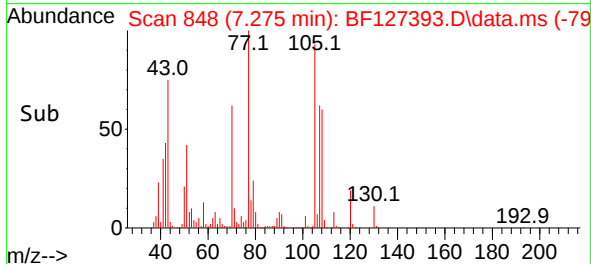
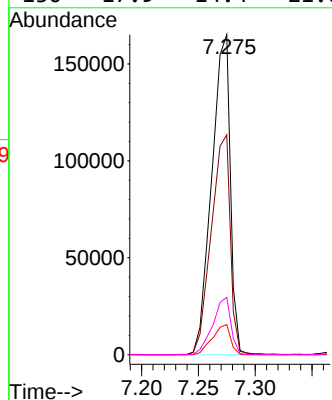
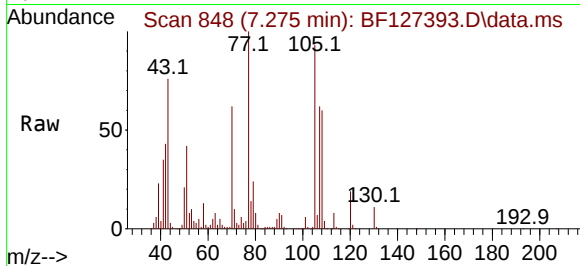


#19
n-Nitroso-di-n-propylamine
Concen: 39.824 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion: 70 Resp: 187991

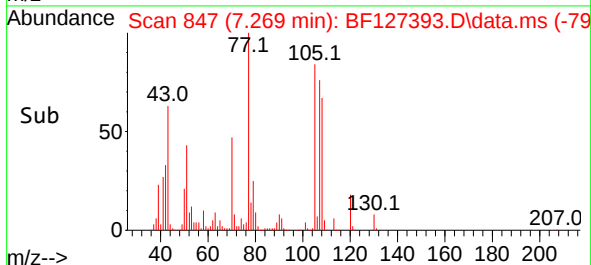
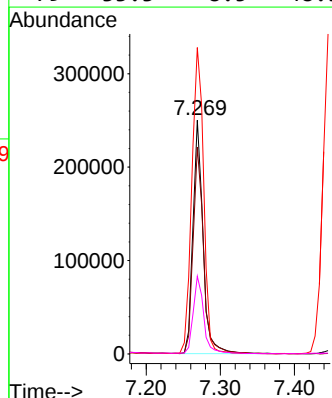
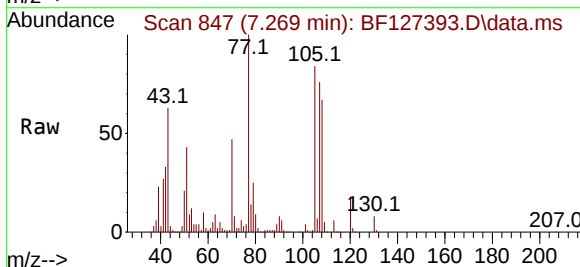
Ion	Ratio	Lower	Upper
70	100		
42	68.7	45.8	68.8
101	9.4	6.9	10.3
130	17.9	14.4	21.6

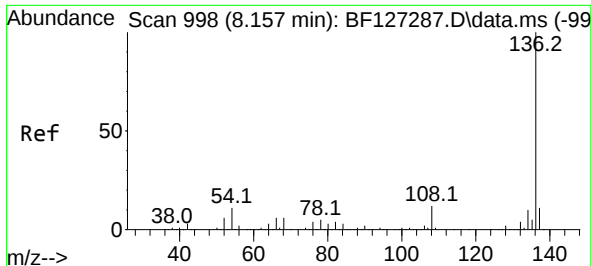


#20
3+4-Methylphenols
Concen: 37.731 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 107 Resp: 236645

Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.4	112.4
77	131.1	83.8	123.8#
79	33.3	8.5	48.5

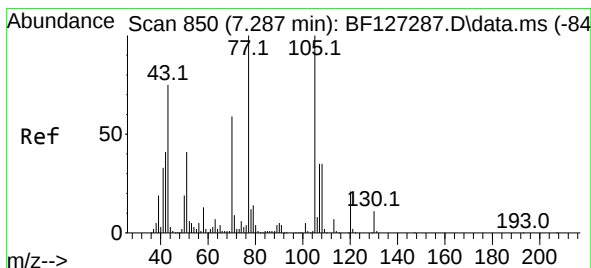
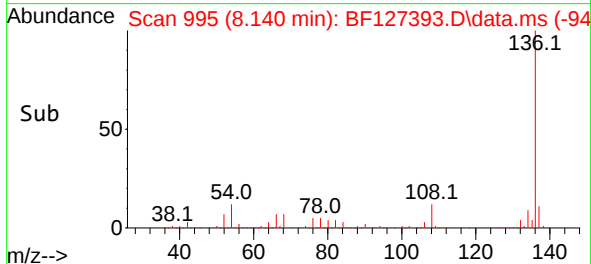
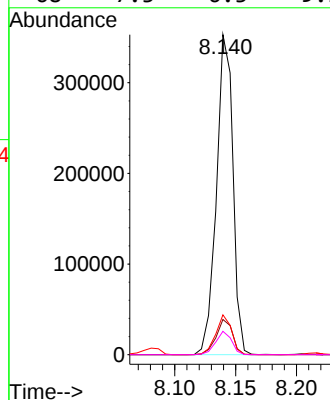
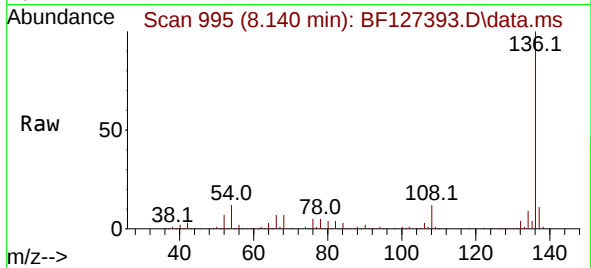




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

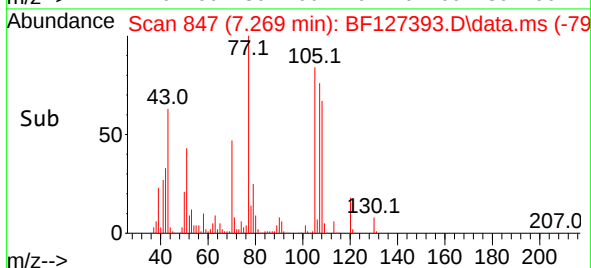
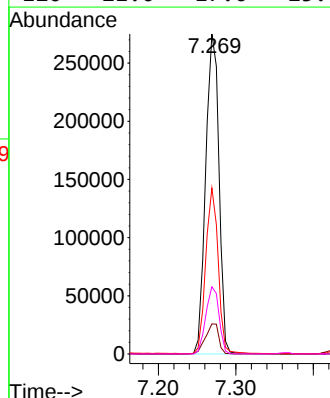
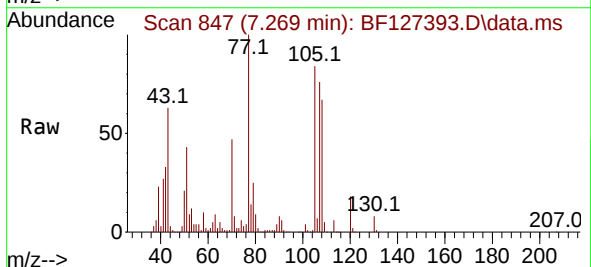
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion:136 Resp: 332235
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.5 7.8 11.6#
68 7.3 6.3 9.5



#22
Acetophenone
Concen: 35.984 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:105 Resp: 327322
Ion Ratio Lower Upper
105 100
71 9.4 5.4 8.0#
51 51.9 27.4 41.0#
120 21.0 17.0 25.6

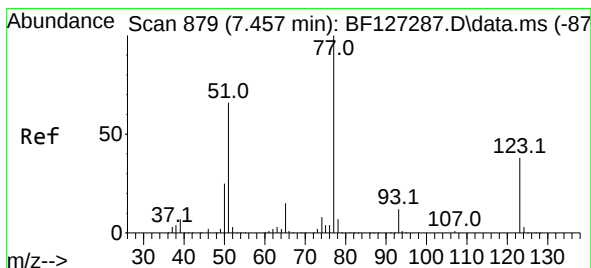
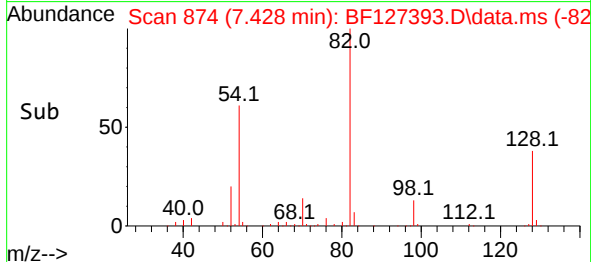
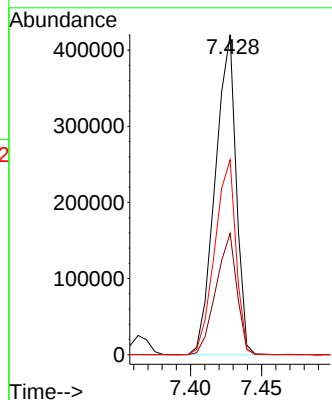
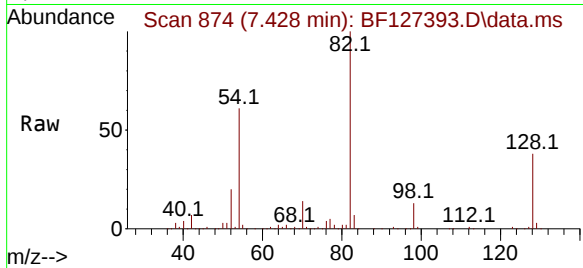




#23
Nitrobenzene-d5
Concen: 53.578 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

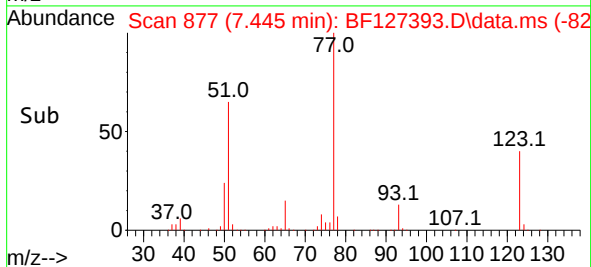
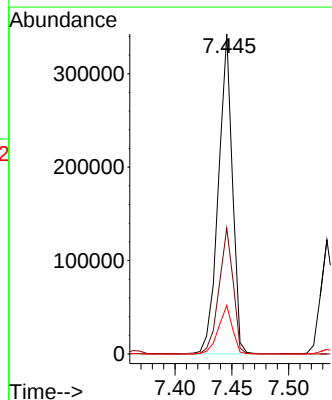
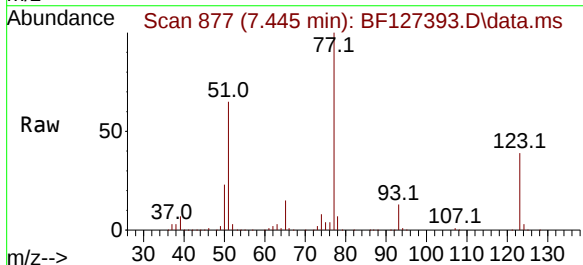
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion: 82 Resp: 431027
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 61.0 41.7 62.5



#24
Nitrobenzene
Concen: 38.595 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 77 Resp: 293667
Ion Ratio Lower Upper
77 100
123 39.4 34.6 52.0
65 15.1 10.6 15.8

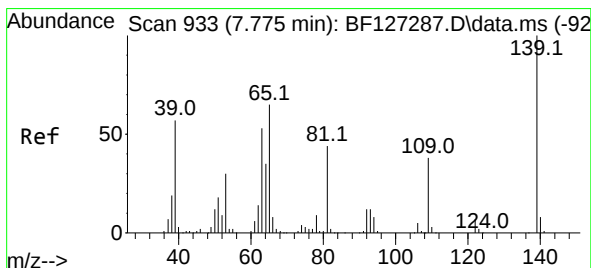
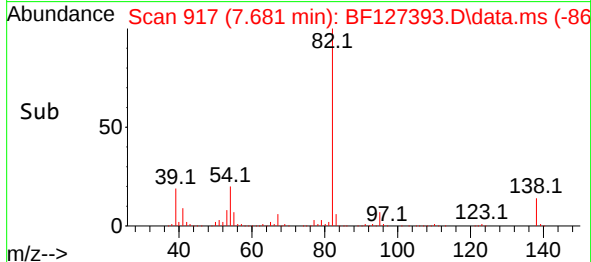
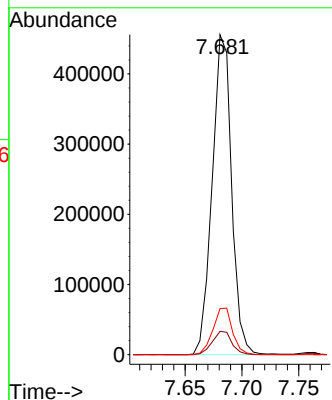
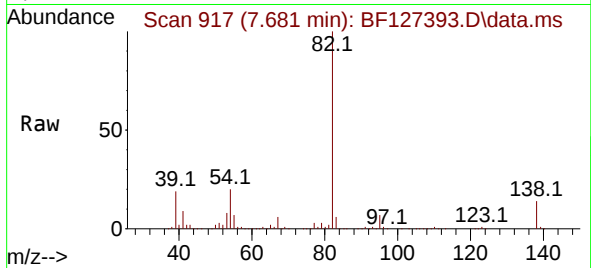




#25
Isophorone
Concen: 41.864 ng
RT: 7.681 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

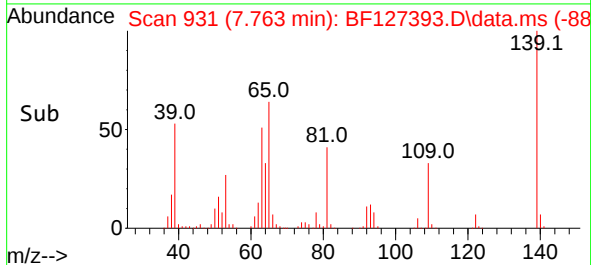
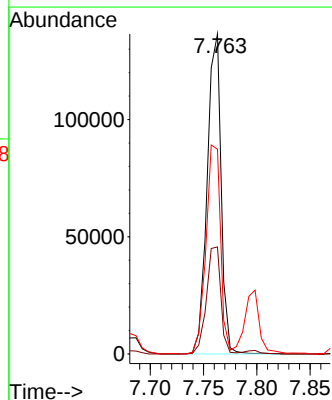
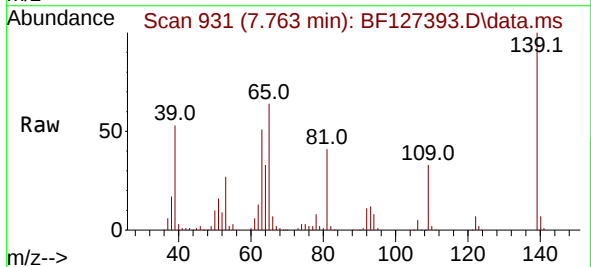
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

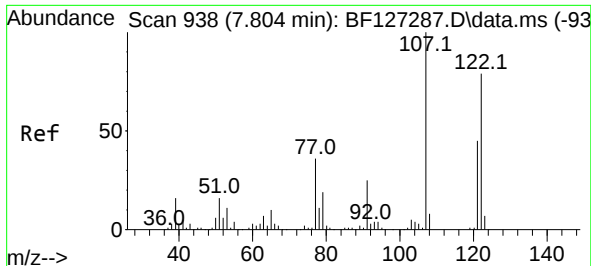
Tgt Ion: 82 Resp: 541541
Ion Ratio Lower Upper
82 100
95 7.3 5.0 7.4
138 14.4 12.3 18.5



#26
2-Nitrophenol
Concen: 39.511 ng
RT: 7.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:139 Resp: 124501
Ion Ratio Lower Upper
139 100
109 33.4 20.0 30.0#
65 64.0 40.8 61.2#

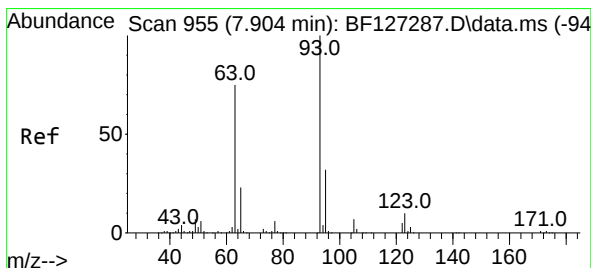
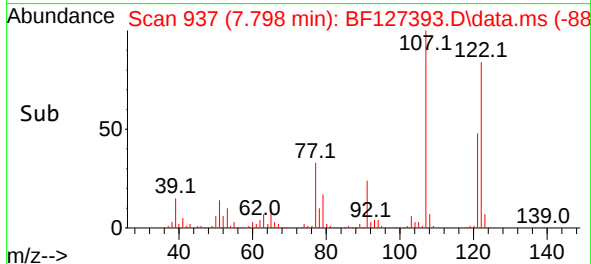
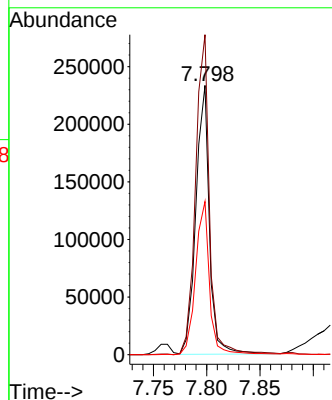
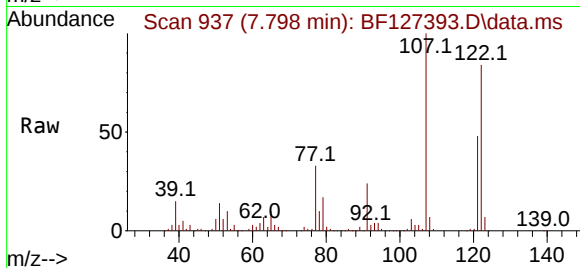




#27
 2,4-Dimethylphenol
 Concen: 43.768 ng
 RT: 7.798 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

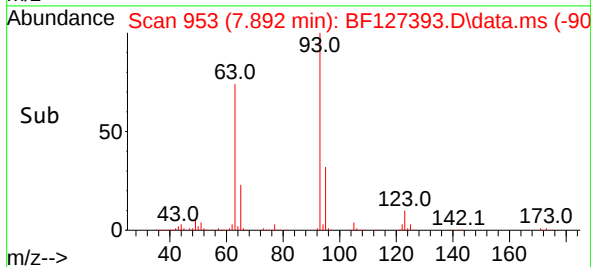
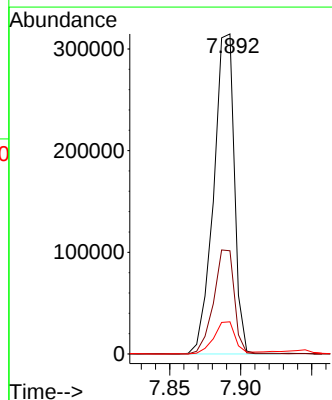
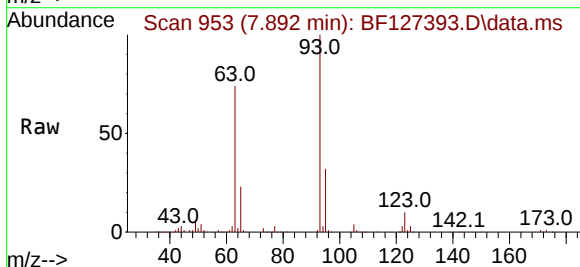
Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMS

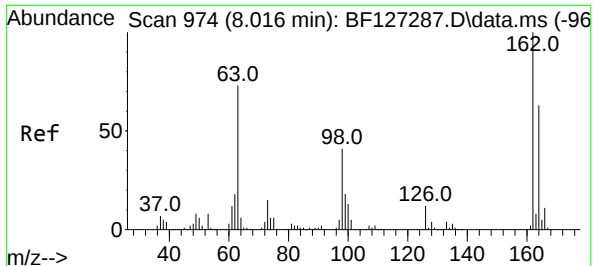
Tgt Ion:	122	Resp:	207031
Ion	Ratio	Lower	Upper
122	100		
107	118.8	91.2	136.8
121	56.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.995 ng
 RT: 7.892 min Scan# 953
 Delta R.T. 0.000 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

Tgt Ion:	93	Resp:	319619
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.1	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 39.294 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

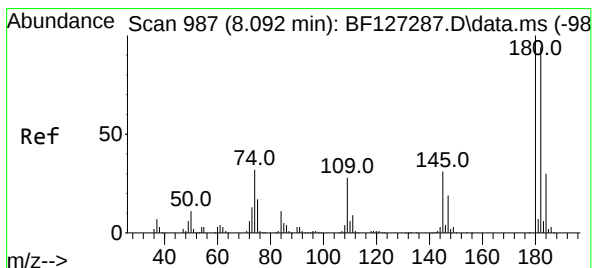
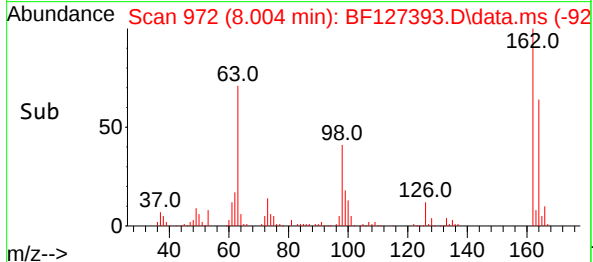
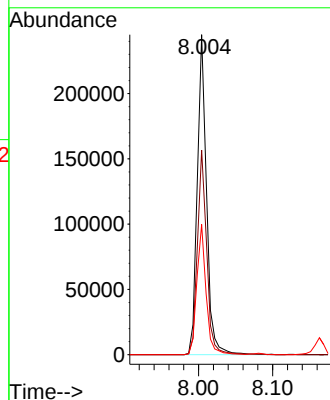
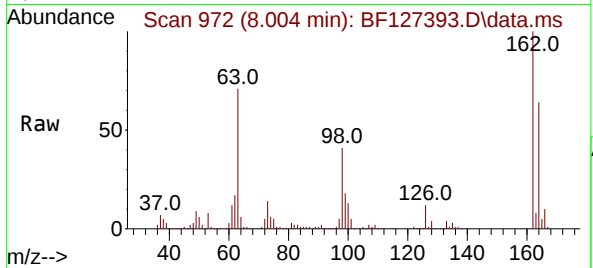
Tgt Ion:162 Resp: 212864

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 40.7 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 37.562 ng

RT: 8.081 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

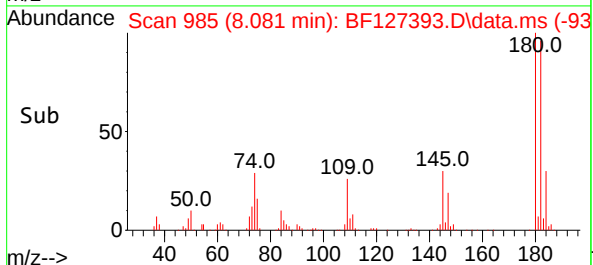
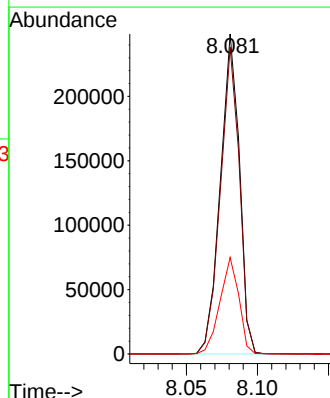
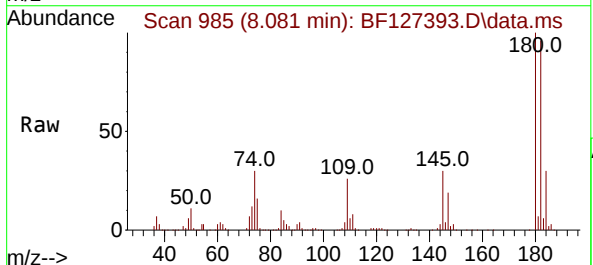
Tgt Ion:180 Resp: 231974

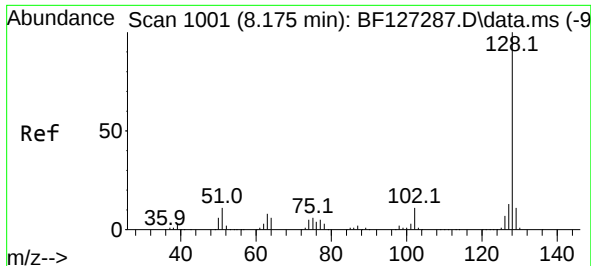
Ion Ratio Lower Upper

180 100

182 95.8 75.5 113.3

145 30.2 26.2 39.2

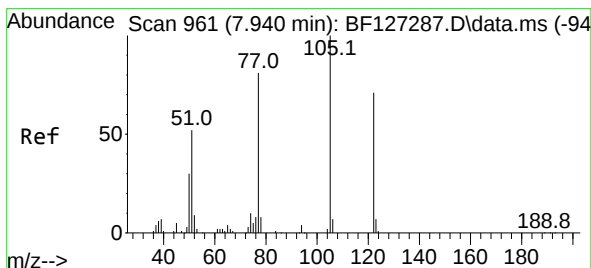
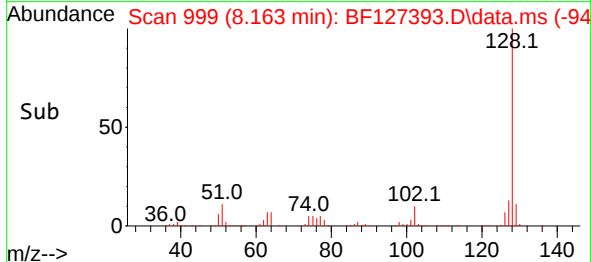
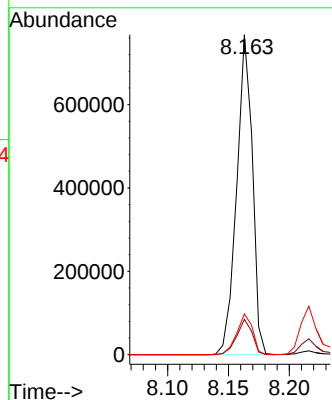
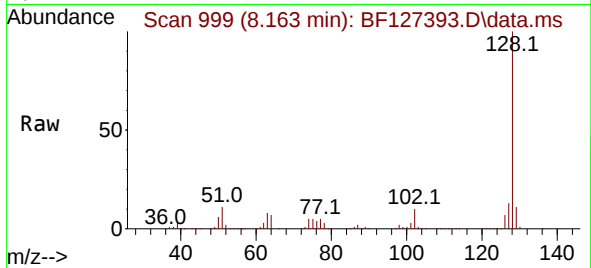




#31
Naphthalene
Concen: 38.884 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

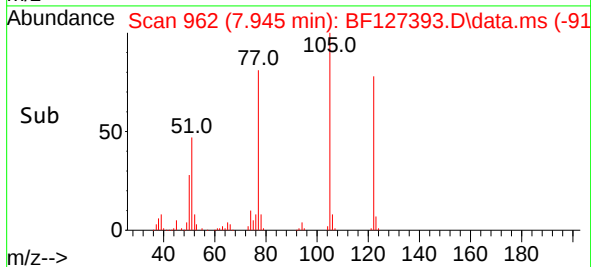
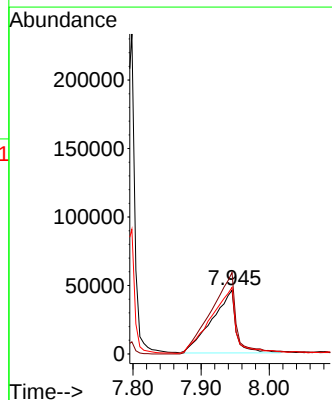
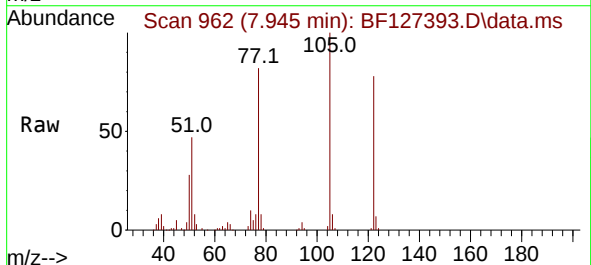
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

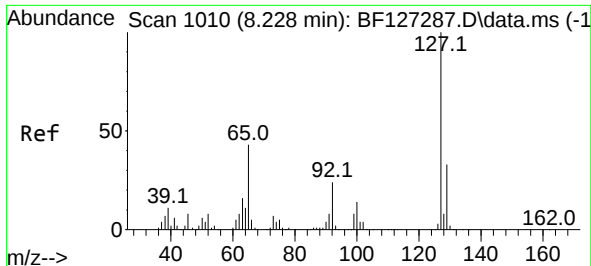
Tgt Ion:128 Resp: 689129
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 36.236 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:122 Resp: 112948
Ion Ratio Lower Upper
122 100
105 128.0 101.0 141.0
77 104.4 74.5 114.5

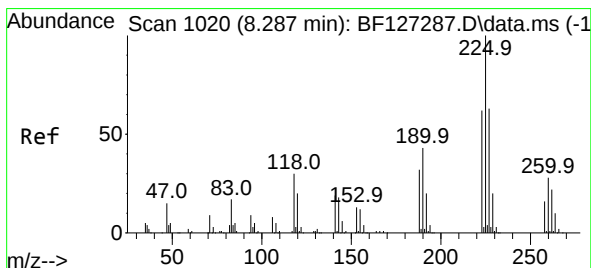
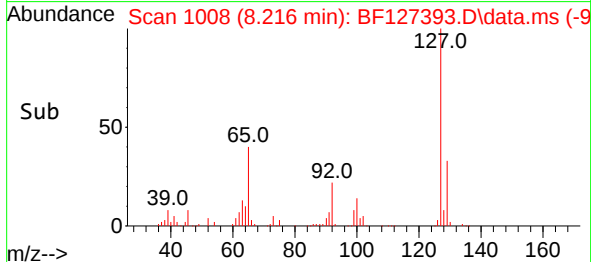
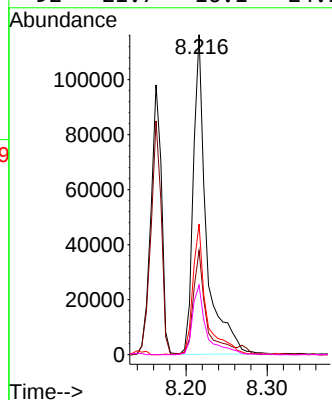
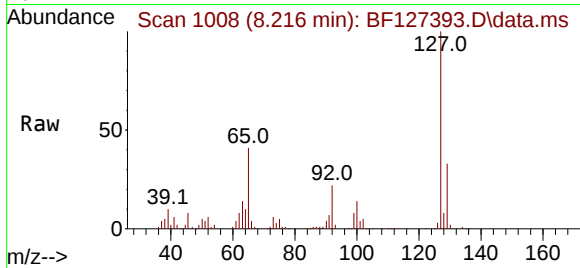




#33
4-Chloroaniline
Concen: 19.202 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

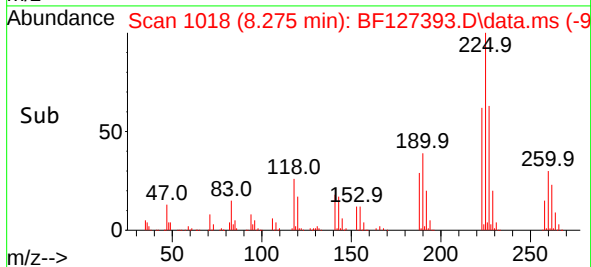
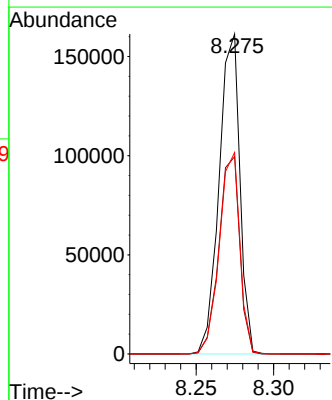
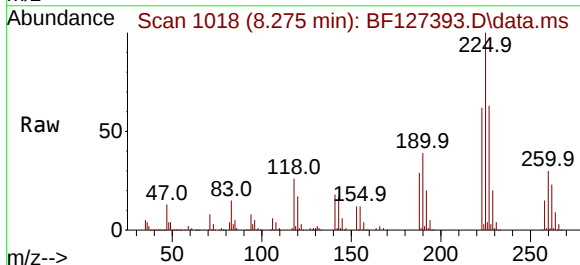
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion:	127	Resp:	131910
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	40.8	26.6	39.8#
92	21.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 36.547 ng
RT: 8.275 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:	225	Resp:	150510
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.6	73.0
227	63.0	51.4	77.0

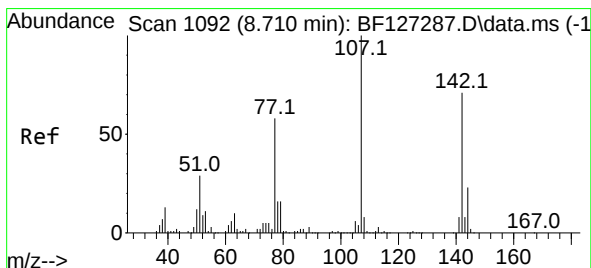
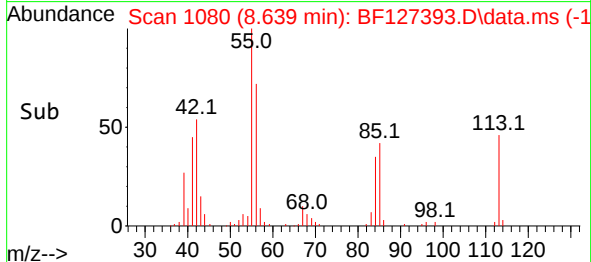
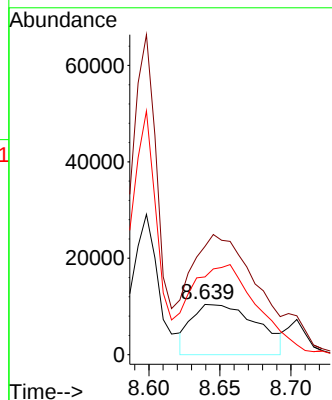
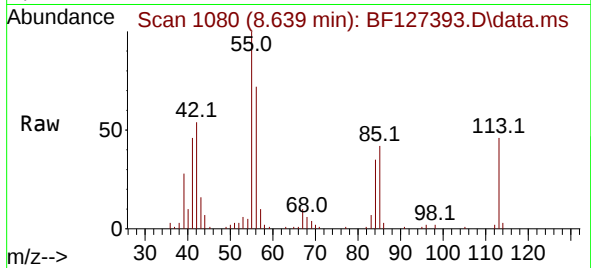




#35
 Caprolactam
 Concen: 20.534 ng
 RT: 8.639 min Scan# 1080
 Delta R.T. 0.035 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

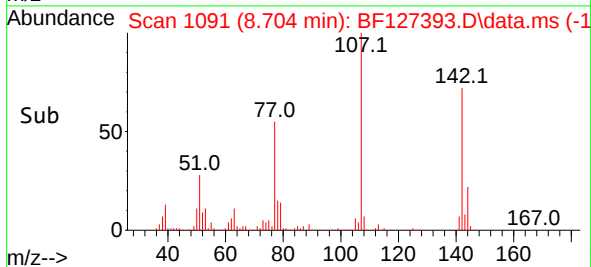
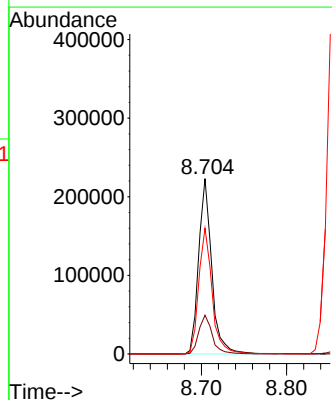
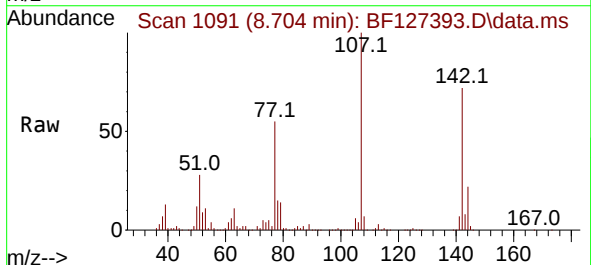
Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMS

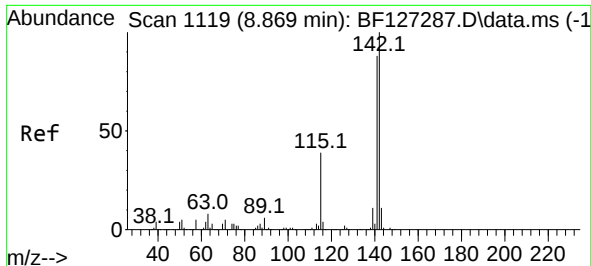
Tgt Ion:113 Resp: 33230
 Ion Ratio Lower Upper
 113 100
 55 215.3 183.9 223.9
 56 154.7 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.670 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

Tgt Ion:107 Resp: 238789
 Ion Ratio Lower Upper
 107 100
 144 22.1 18.5 27.7
 142 71.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 39.251 ng

RT: 8.857 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

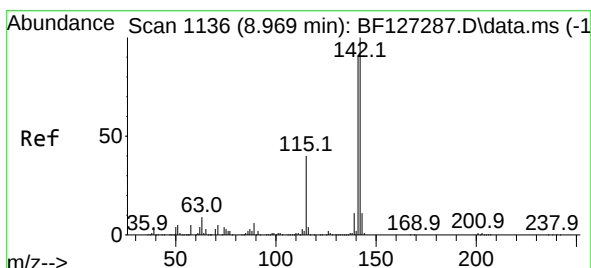
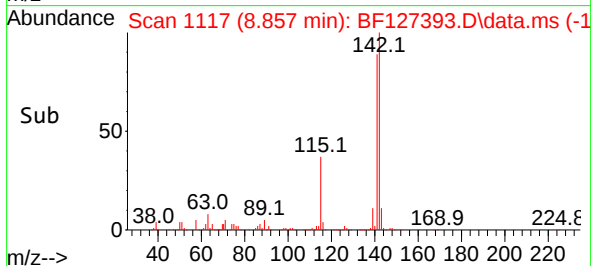
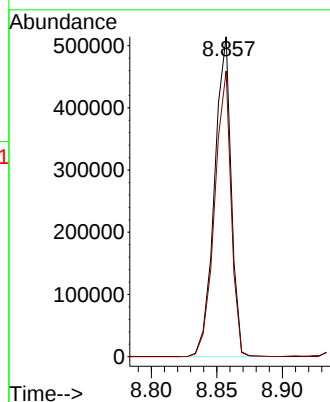
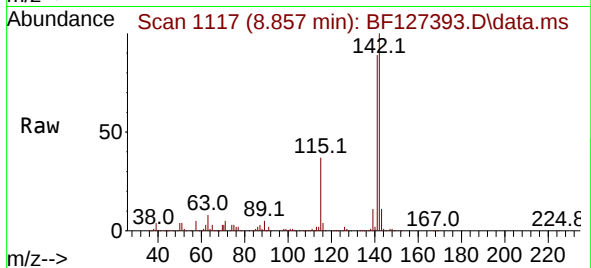
CP-BH1-031422-4-6-DUPMS

Tgt Ion:142 Resp: 454544

Ion Ratio Lower Upper

142 100

141 89.3 68.6 102.8



#38

1-Methylnaphthalene

Concen: 38.944 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF127393.D

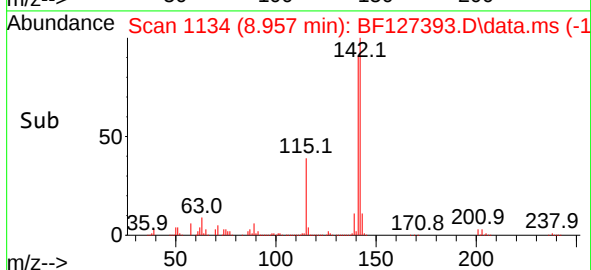
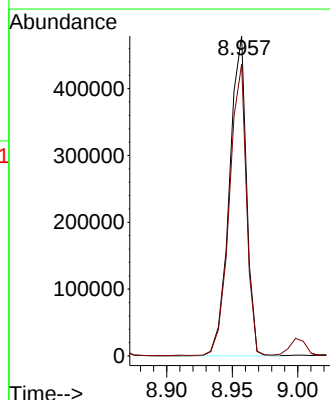
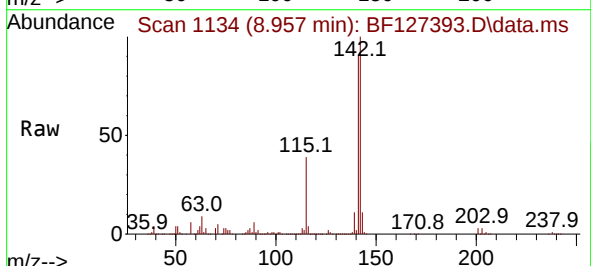
Acq: 18 Mar 2022 15:51

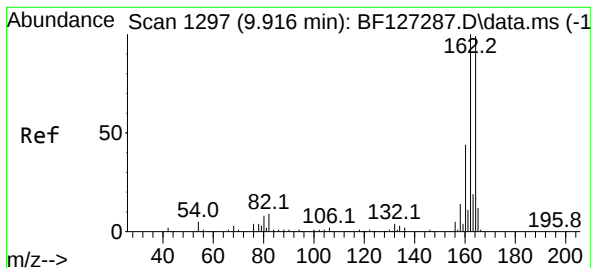
Tgt Ion:142 Resp: 433562

Ion Ratio Lower Upper

142 100

141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

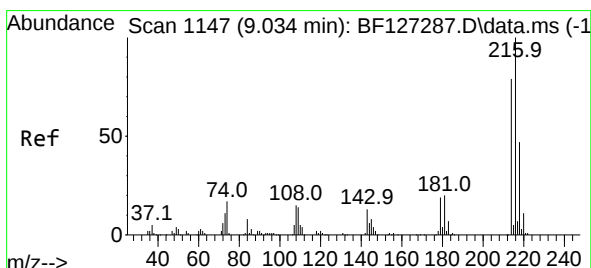
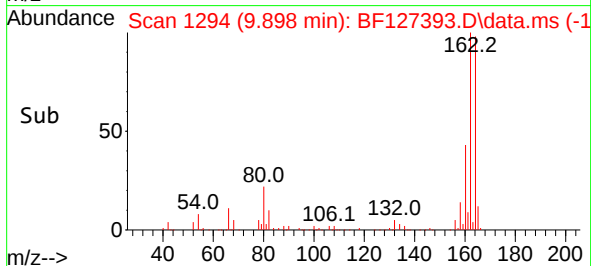
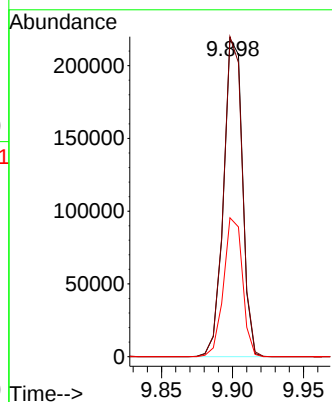
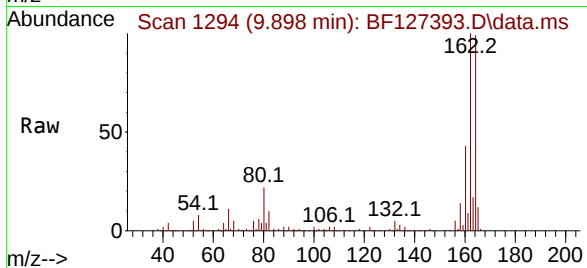
Tgt Ion:164 Resp: 201001

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

160 43.6 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.201 ng

RT: 9.022 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Tgt Ion:216 Resp: 236713

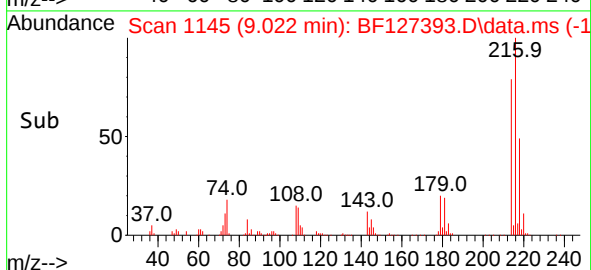
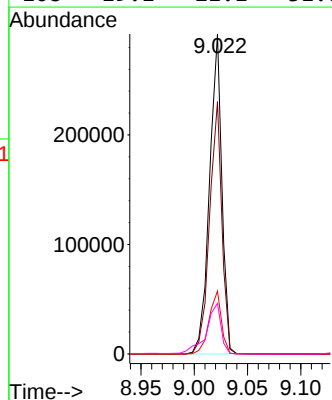
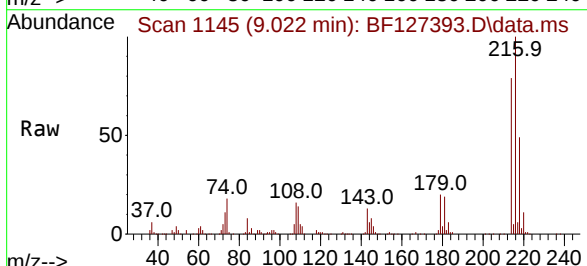
Ion Ratio Lower Upper

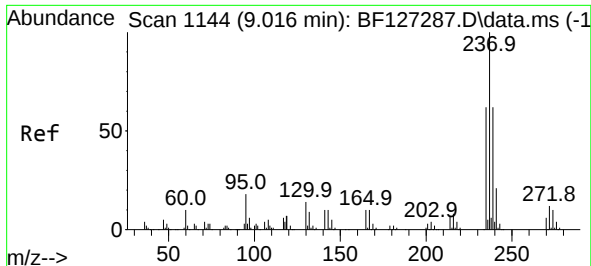
216 100

214 78.4 64.6 96.8

179 19.6 19.5 29.3

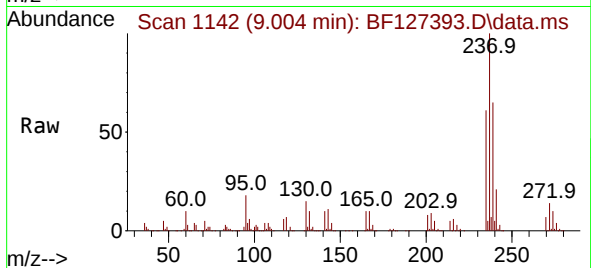
108 19.1 21.1 31.7#



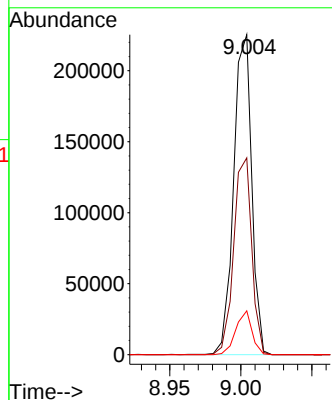
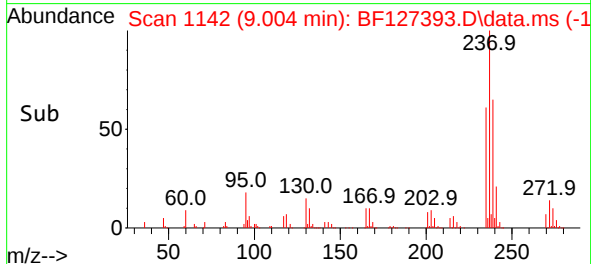


#41
Hexachlorocyclopentadiene
Concen: 75.487 ng
RT: 9.004 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

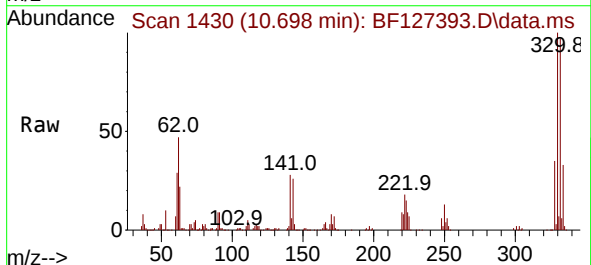
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS



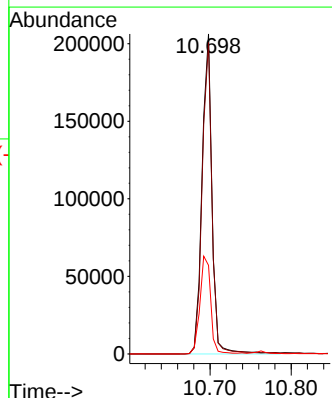
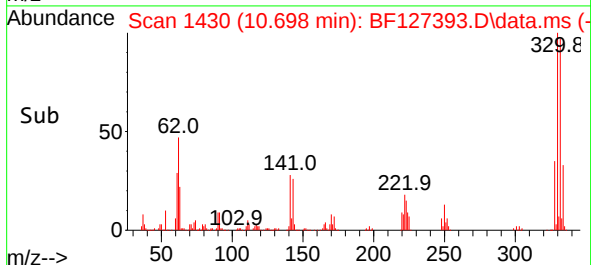
Tgt Ion:237 Resp: 199465
Ion Ratio Lower Upper
237 100
235 61.5 38.9 78.9
272 13.7 0.0 33.5

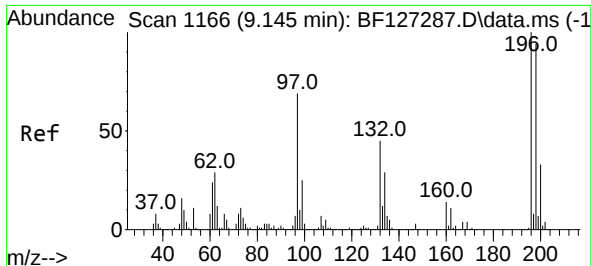


#42
2,4,6-Tribromophenol
Concen: 81.220 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51



Tgt Ion:330 Resp: 175740
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 33.1 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 37.997 ng

RT: 9.139 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

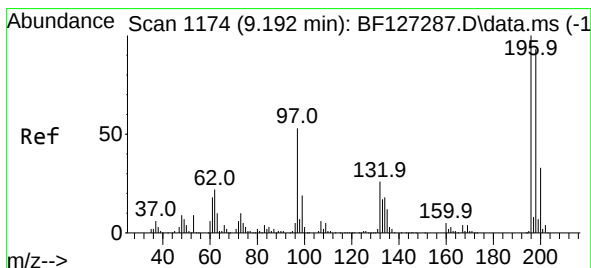
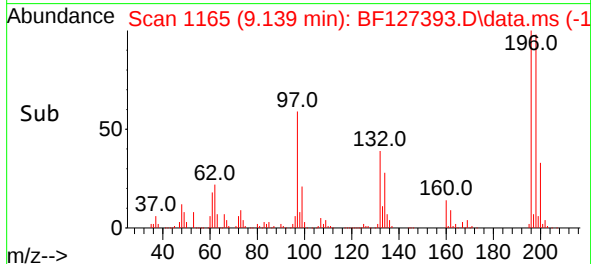
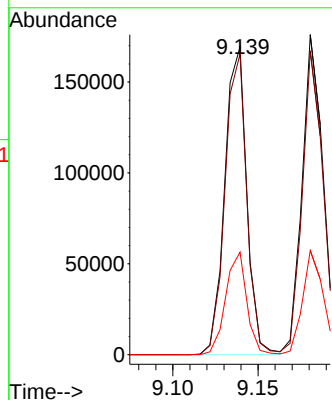
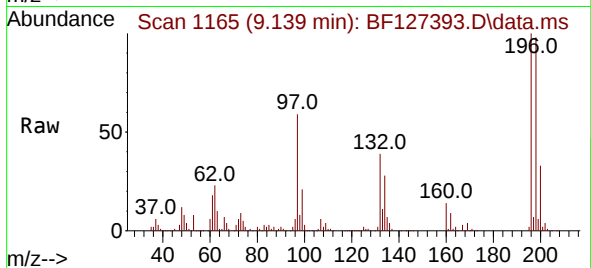
Tgt Ion:196 Resp: 152595

Ion Ratio Lower Upper

196 100

198 97.7 78.5 117.7

200 33.3 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 35.801 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.041 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Tgt Ion:196 Resp: 152595

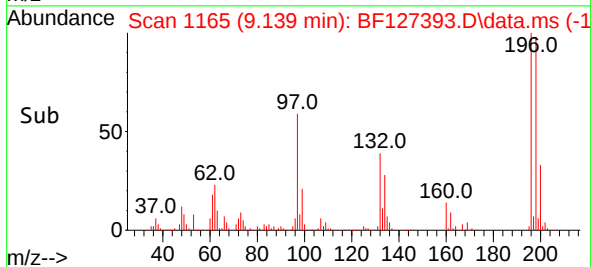
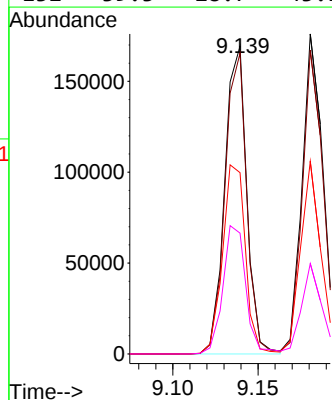
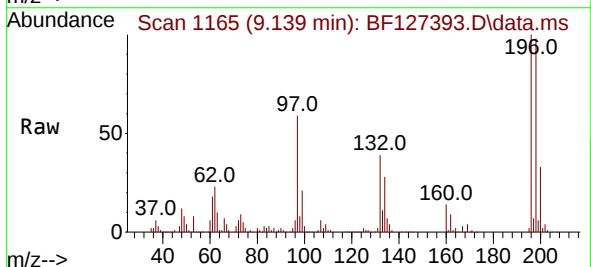
Ion Ratio Lower Upper

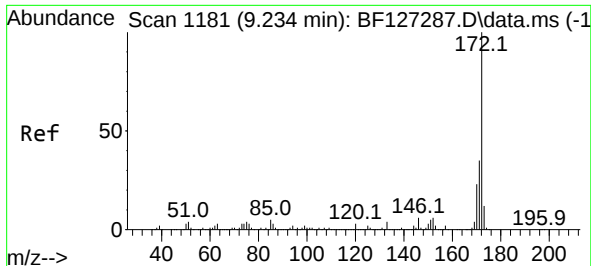
196 100

198 97.7 82.0 123.0

97 58.9 53.5 80.3

132 39.3 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 53.874 ng

RT: 9.216 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

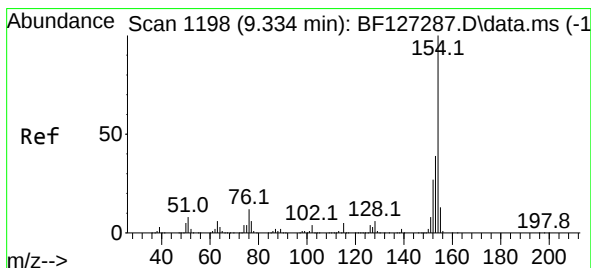
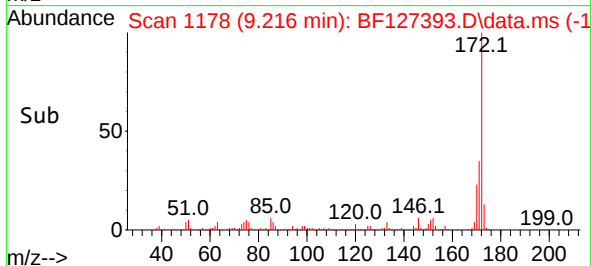
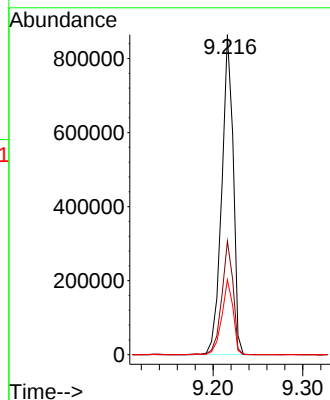
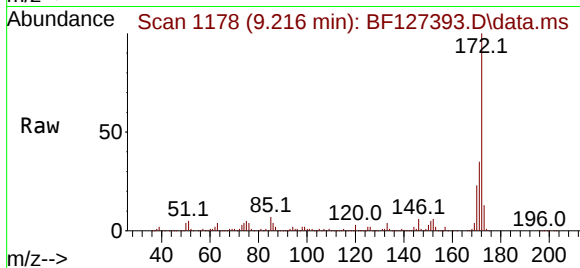
Tgt Ion:172 Resp: 765933

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 37.887 ng

RT: 9.322 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

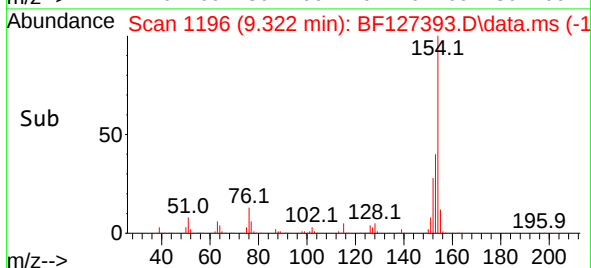
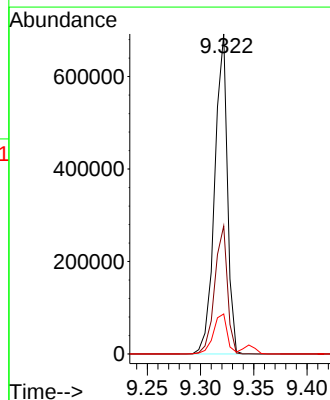
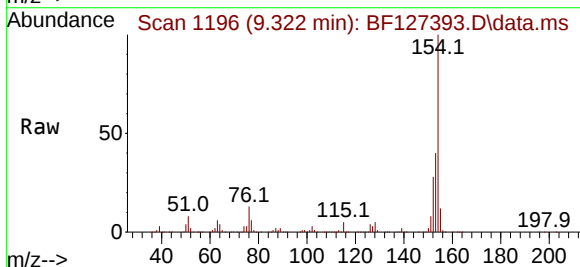
Tgt Ion:154 Resp: 574765

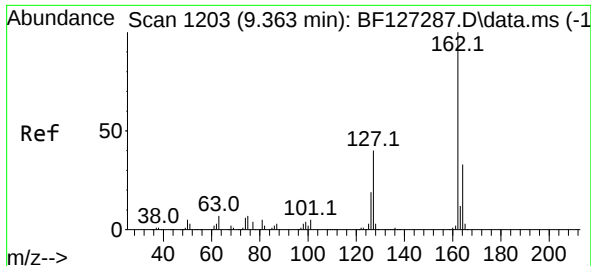
Ion Ratio Lower Upper

154 100

153 40.0 19.0 59.0

76 12.5 0.0 34.5

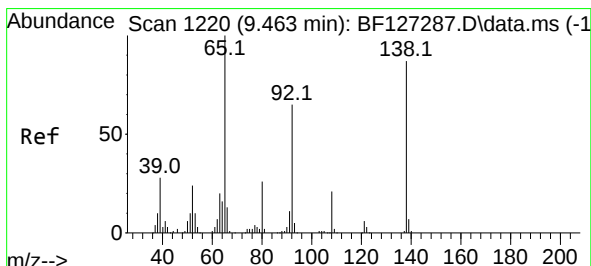
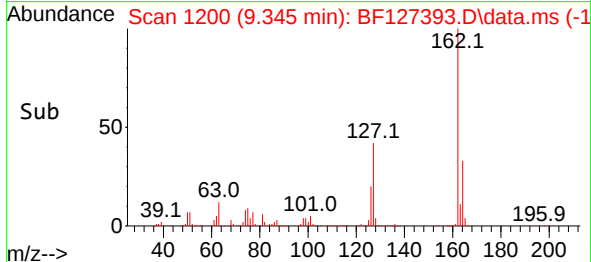
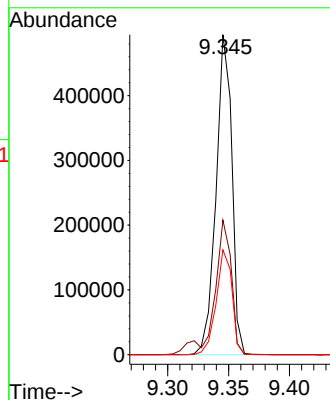
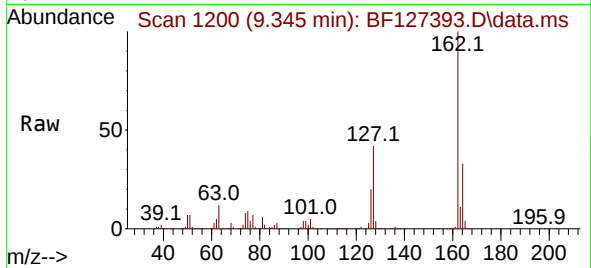




#47
2-Chloronaphthalene
Concen: 37.765 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

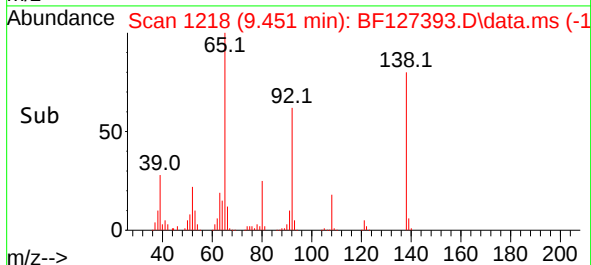
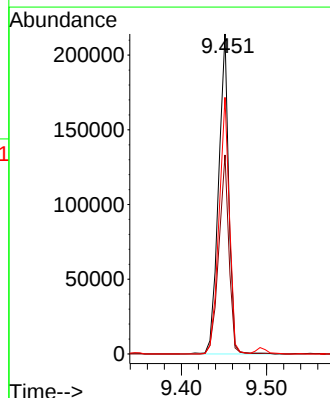
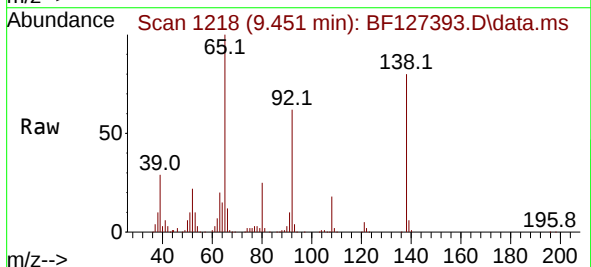
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

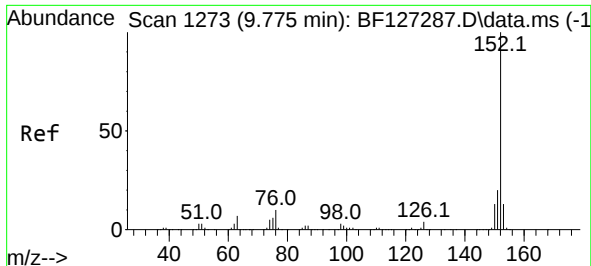
Tgt Ion:162 Resp: 445969
Ion Ratio Lower Upper
162 100
127 42.0 33.5 50.3
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 39.542 ng
RT: 9.451 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion: 65 Resp: 179663
Ion Ratio Lower Upper
65 100
92 62.2 54.4 81.6
138 80.2 72.5 108.7

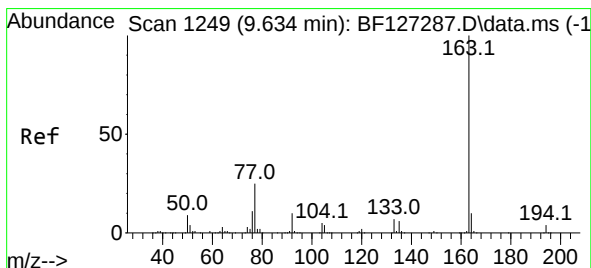
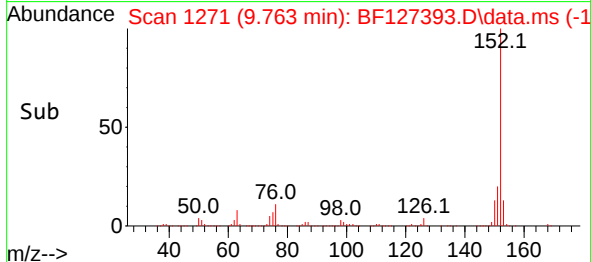
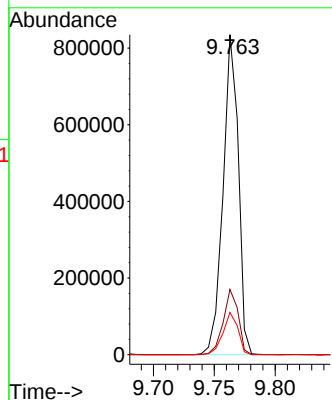
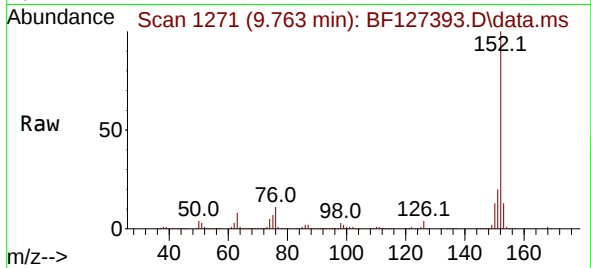




#49
Acenaphthylene
Concen: 40.433 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

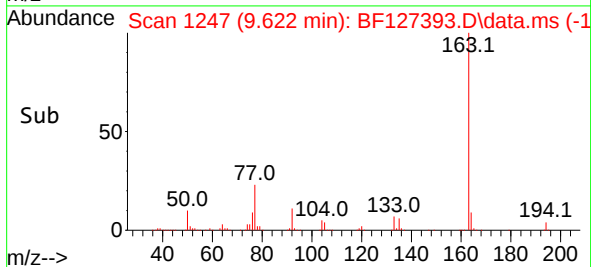
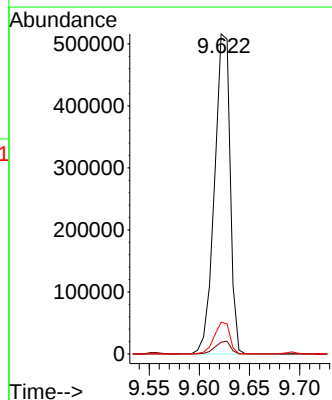
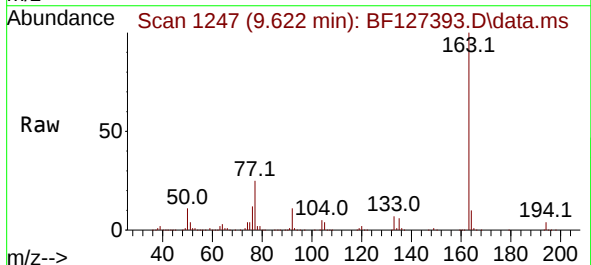
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

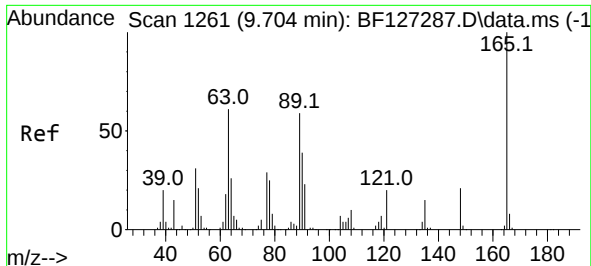
Tgt Ion:152 Resp: 730700
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.2 11.4 17.0



#50
Dimethylphthalate
Concen: 38.862 ng
RT: 9.622 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:163 Resp: 559728
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.0 7.8 11.8

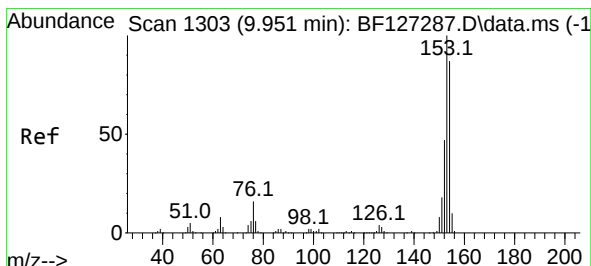
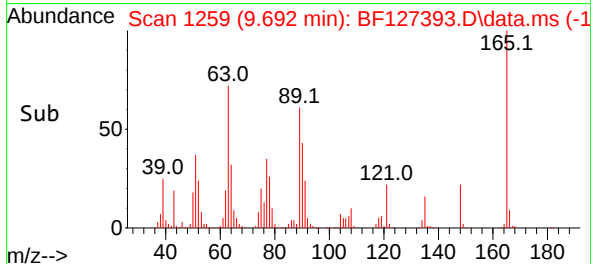
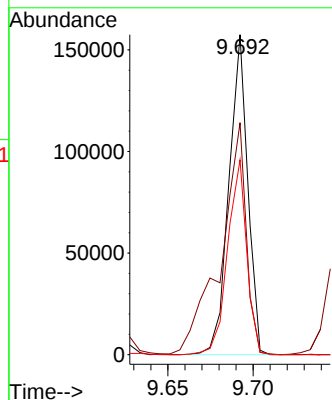
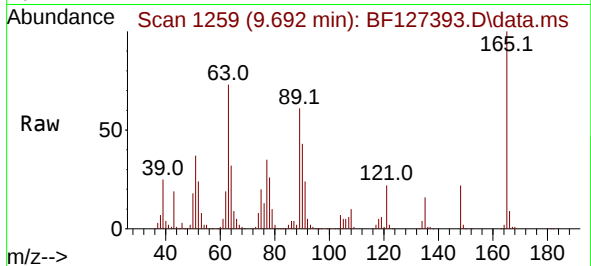




#51
2,6-Dinitrotoluene
Concen: 41.375 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

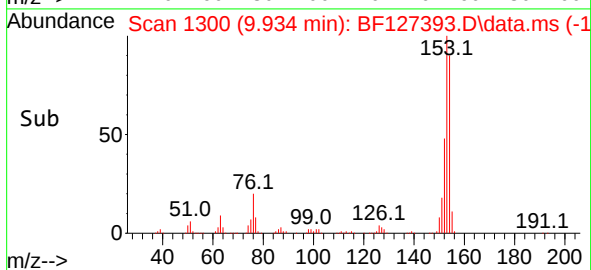
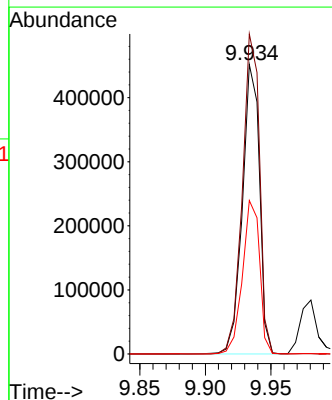
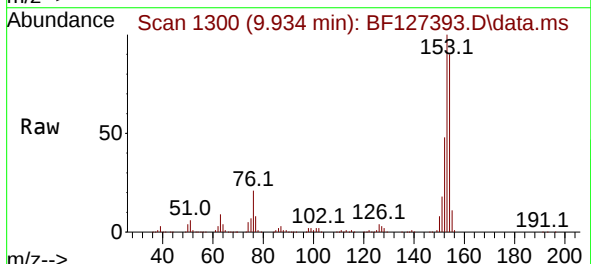
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

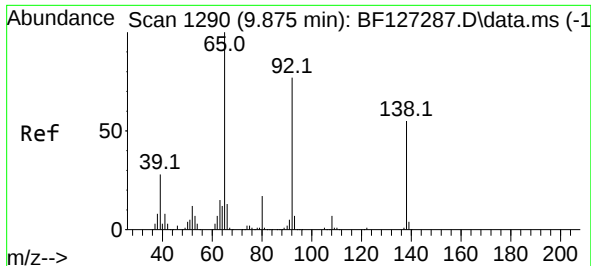
Tgt Ion:165 Resp: 120545
Ion Ratio Lower Upper
165 100
63 72.5 48.4 72.6
89 60.9 50.5 75.7



#52
Acenaphthene
Concen: 38.115 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:154 Resp: 410595
Ion Ratio Lower Upper
154 100
153 110.6 87.8 131.6
152 53.0 39.4 59.2

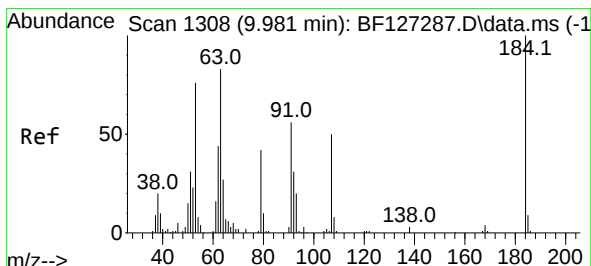
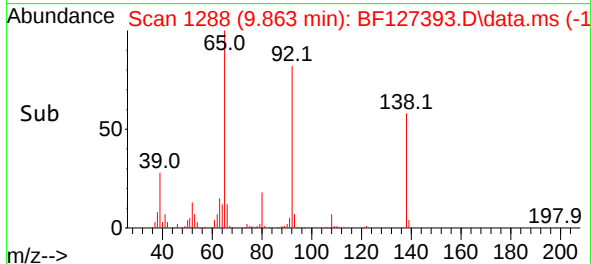
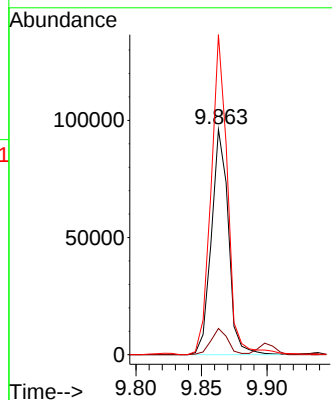
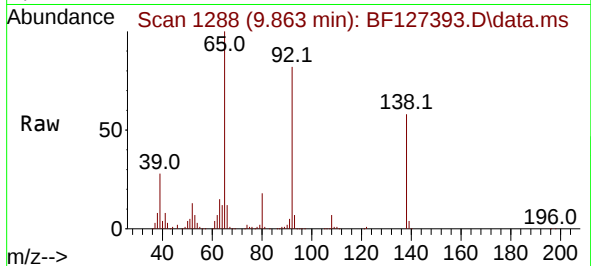




#53
3-Nitroaniline
Concen: 27.333 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

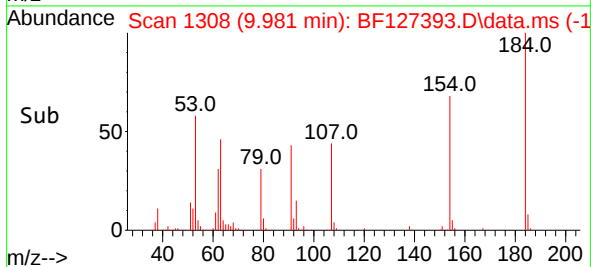
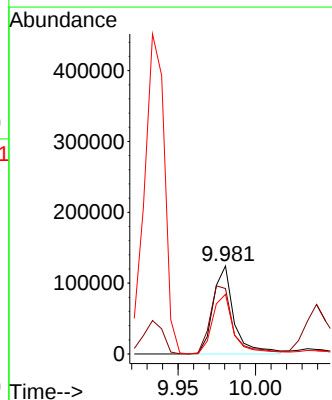
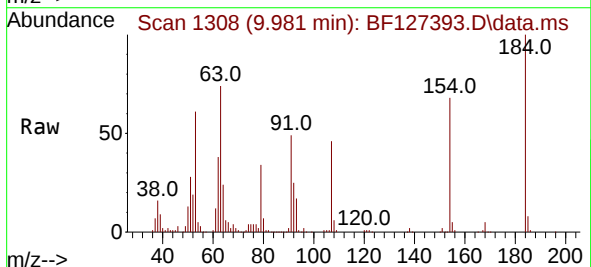
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

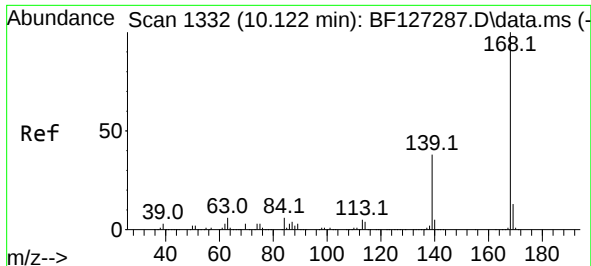
Tgt Ion:138 Resp: 86781
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 142.0 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 72.946 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:184 Resp: 116549
Ion Ratio Lower Upper
184 100
63 74.4 70.4 105.6
154 67.8 49.7 74.5

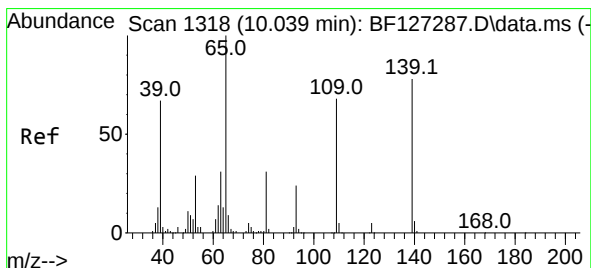
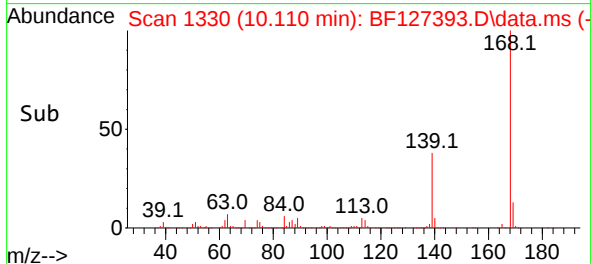
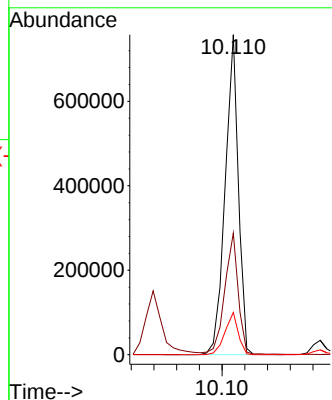
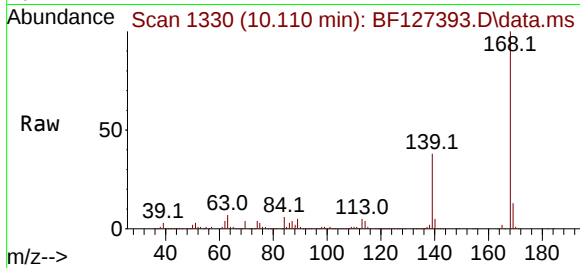




#55
Dibenzenofuran
Concen: 36.651 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

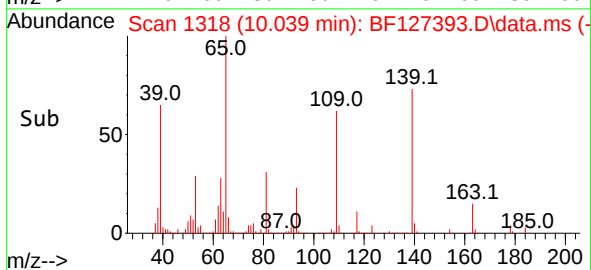
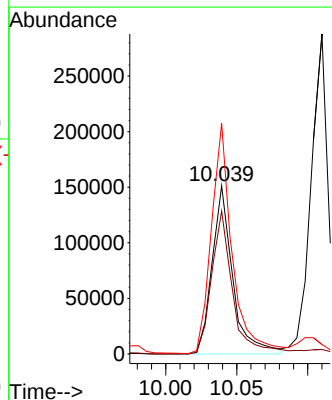
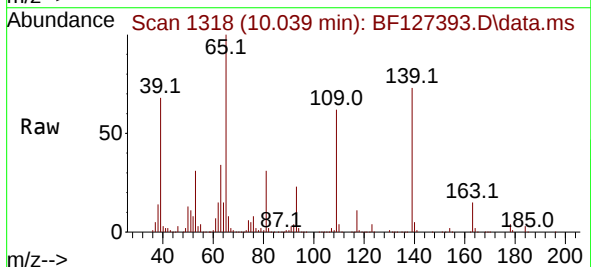
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

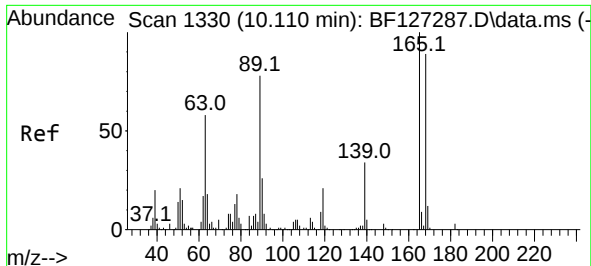
Tgt Ion:168 Resp: 613380
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0
169 13.2 10.0 15.0



#56
4-Nitrophenol
Concen: 79.610 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:139 Resp: 153628
Ion Ratio Lower Upper
139 100
109 85.1 44.1 84.1#
65 137.2 85.5 125.5#

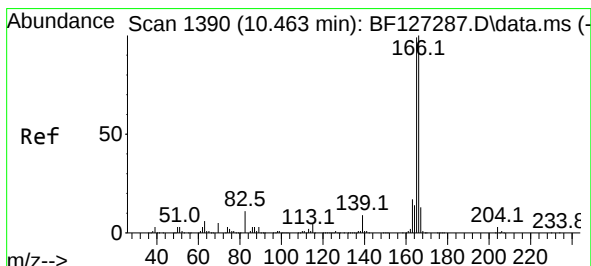
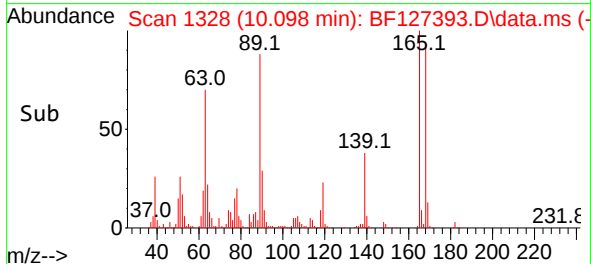
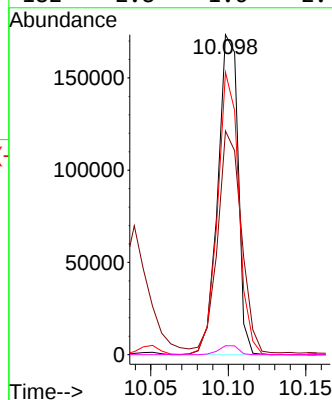
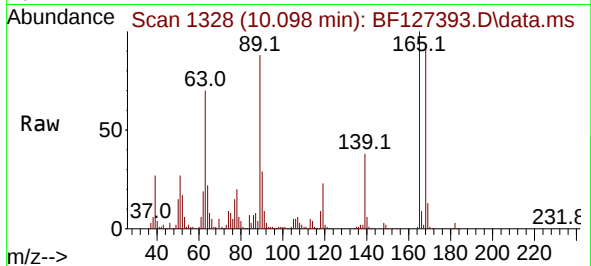




#57
2,4-Dinitrotoluene
Concen: 41.081 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

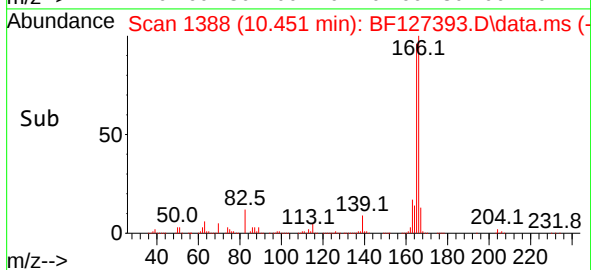
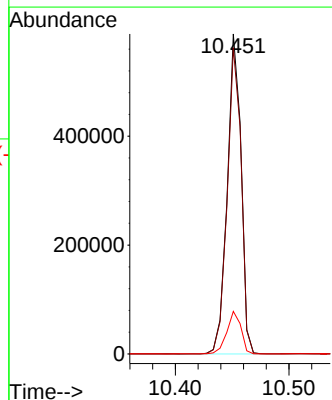
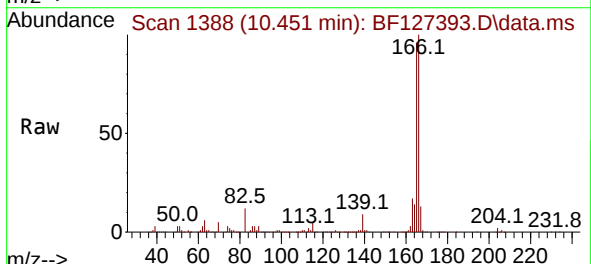
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion:165 Resp: 157476
Ion Ratio Lower Upper
165 100
63 69.9 43.0 64.6#
89 88.3 71.0 106.4
182 2.8 1.6 2.4#



#58
Fluorene
Concen: 38.244 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:166 Resp: 496296
Ion Ratio Lower Upper
166 100
165 95.7 77.7 116.5
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.943 ng

RT: 10.228 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

Tgt Ion:232 Resp: 141479

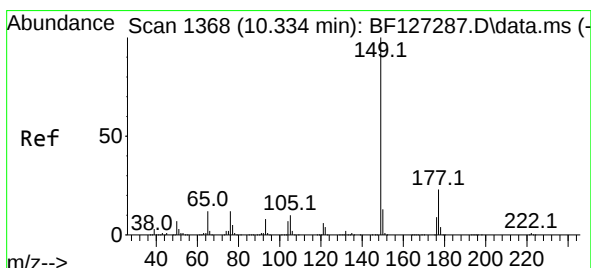
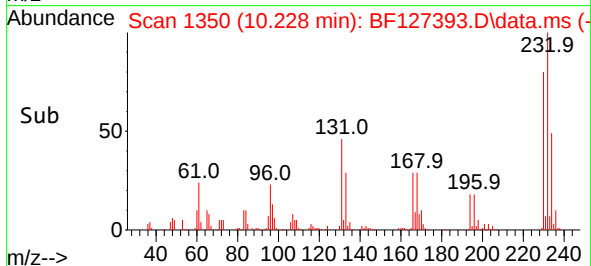
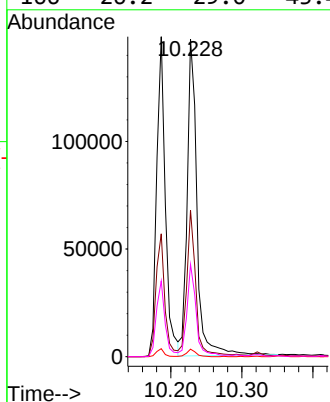
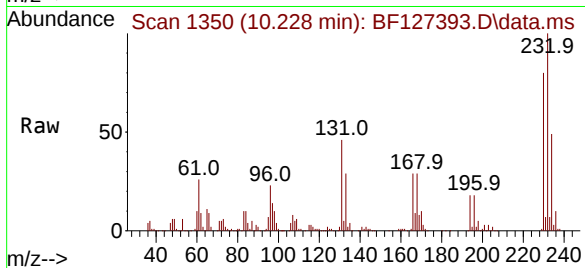
Ion Ratio Lower Upper

232 100

131 41.7 50.0 75.0#

130 2.2 2.2 3.2

166 26.2 29.0 43.4#



#60

Diethylphthalate

Concen: 39.430 ng

RT: 10.322 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

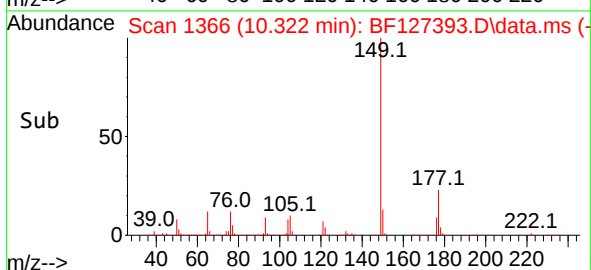
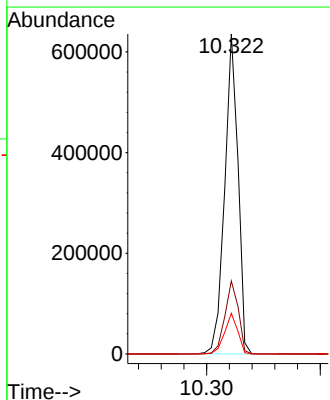
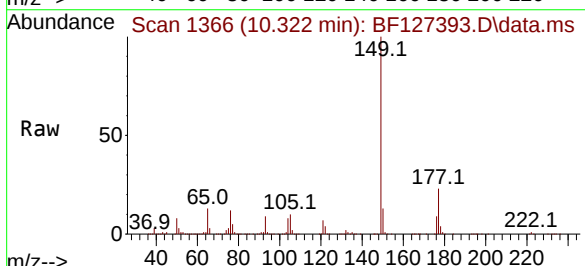
Tgt Ion:149 Resp: 518028

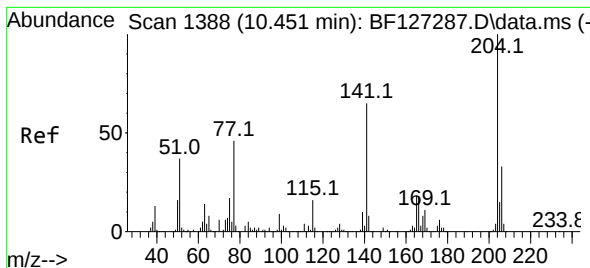
Ion Ratio Lower Upper

149 100

177 22.8 16.7 25.1

150 12.7 9.8 14.8

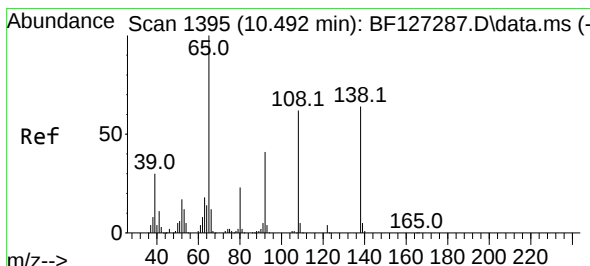
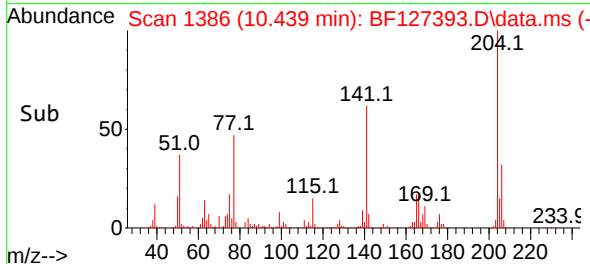
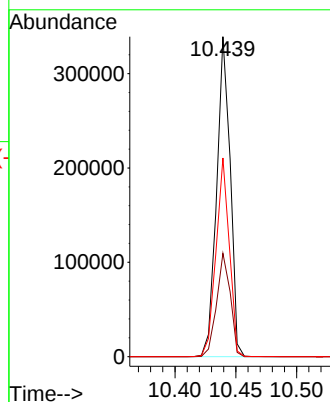
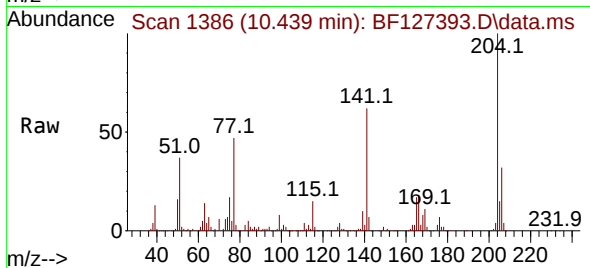




#61
4-Chlorophenyl-phenylether
Concen: 37.130 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

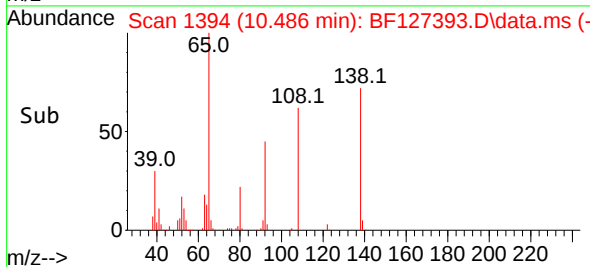
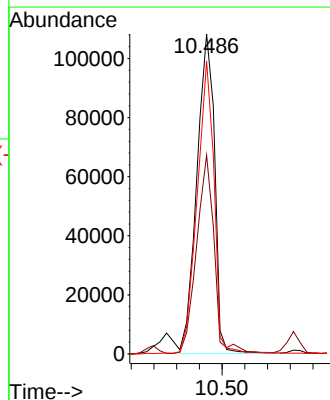
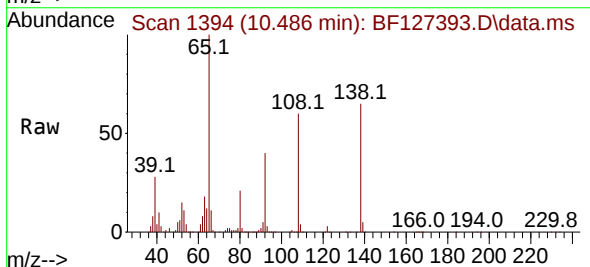
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

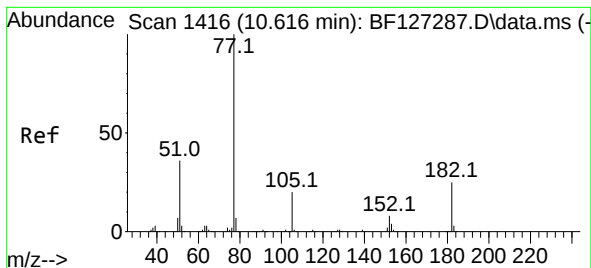
Tgt Ion:204 Resp: 261122
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 62.1 59.0 88.6



#62
4-Nitroaniline
Concen: 37.192 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:138 Resp: 117667
Ion Ratio Lower Upper
138 100
92 62.1 36.2 76.2
108 91.6 46.7 86.7#





#63

Azobenzene

Concen: 38.390 ng

RT: 10.604 min Scan# 1416

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

Tgt Ion: 77 Resp: 579772

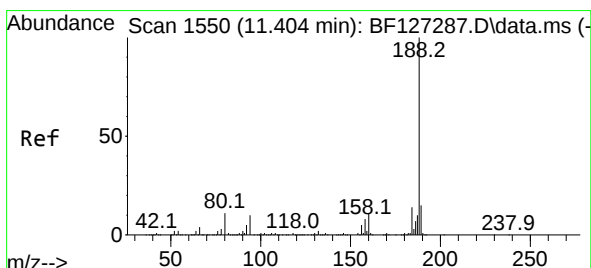
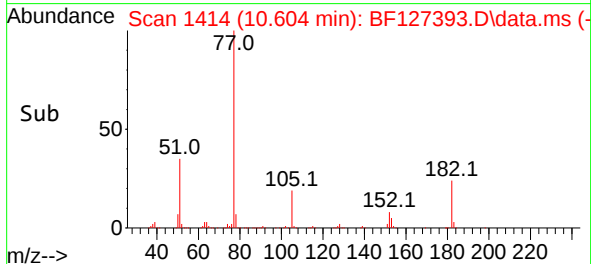
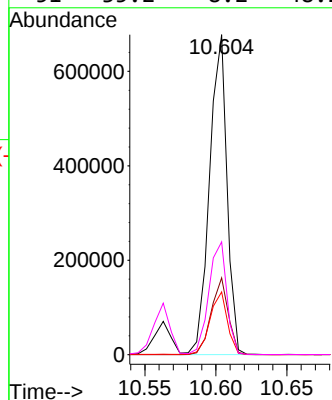
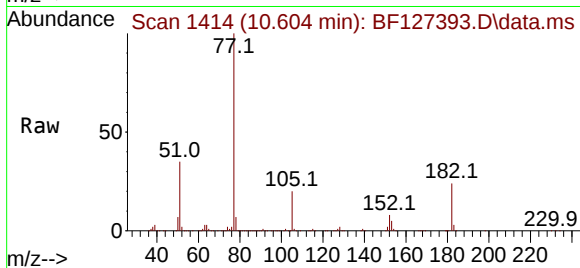
Ion Ratio Lower Upper

77 100

182 24.0 0.0 39.0

105 19.6 3.2 43.2

51 35.2 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

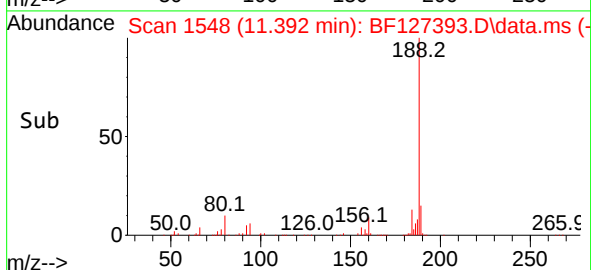
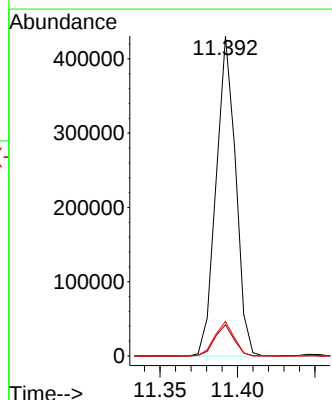
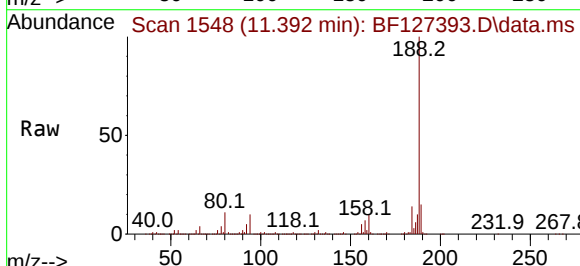
Tgt Ion: 188 Resp: 377438

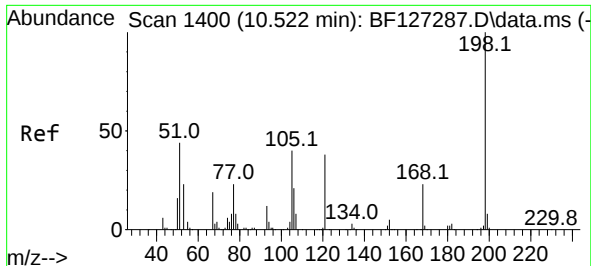
Ion Ratio Lower Upper

188 100

94 9.8 10.1 15.1#

80 10.8 11.8 17.6#

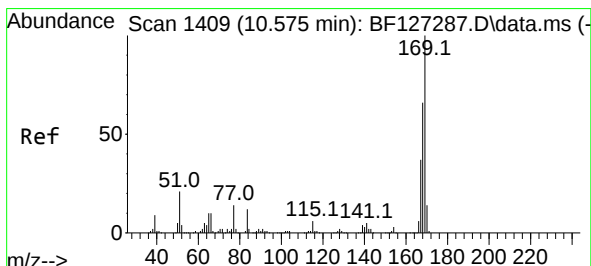
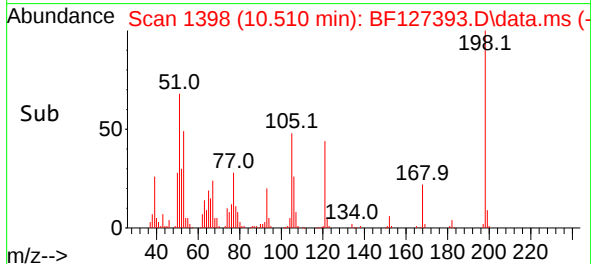
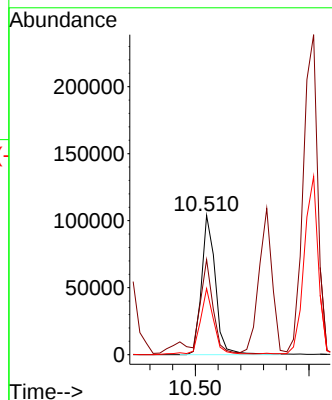
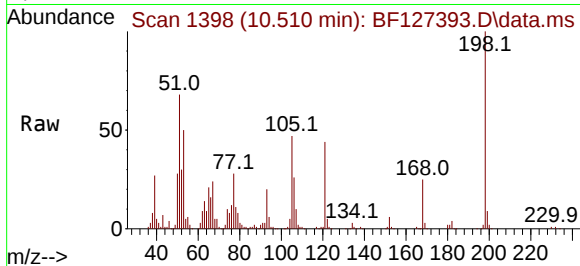




#65
4,6-Dinitro-2-methylphenol
Concen: 38.060 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

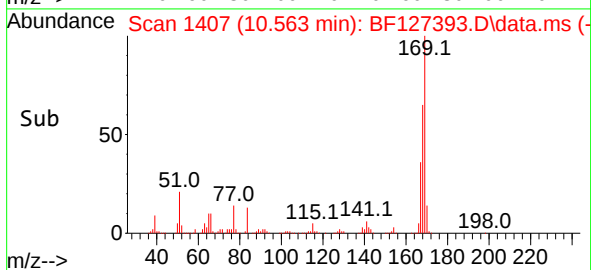
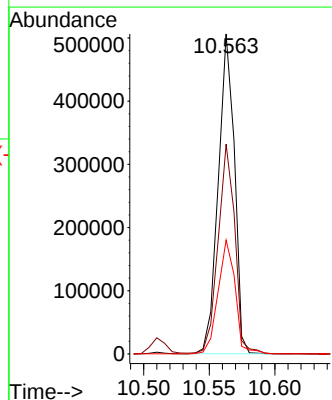
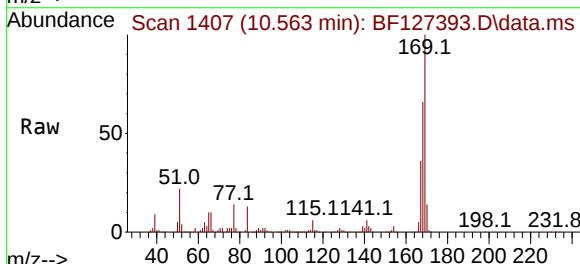
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

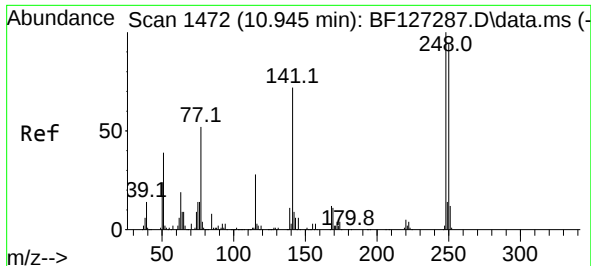
Tgt Ion:198 Resp: 88571
Ion Ratio Lower Upper
198 100
51 68.2 32.0 72.0
105 47.5 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 36.972 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:169 Resp: 433392
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.6 29.4 44.0

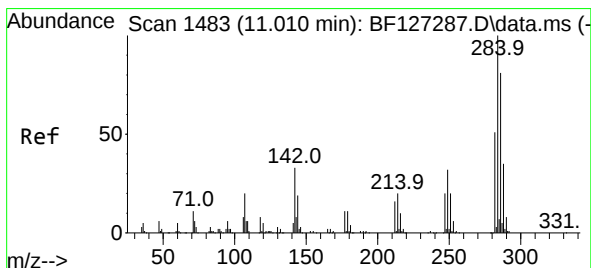
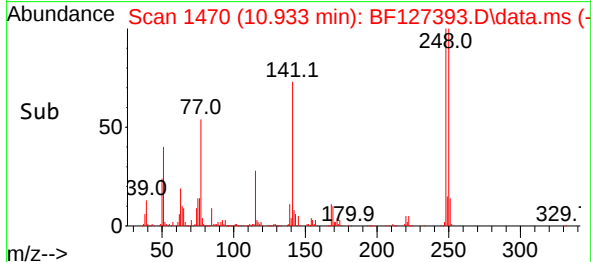
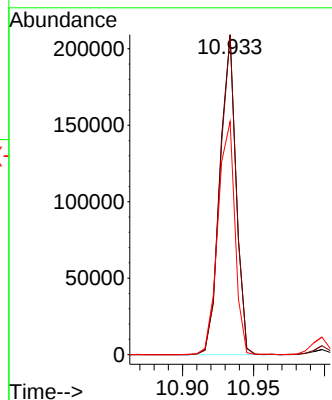
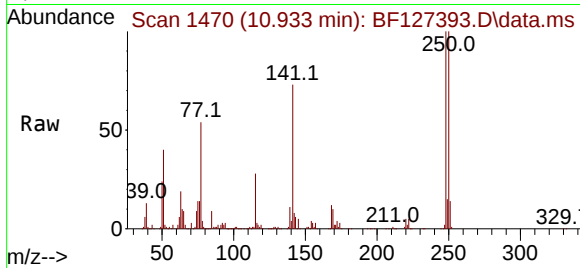




#67
4-Bromophenyl-phenylether
Concen: 36.432 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

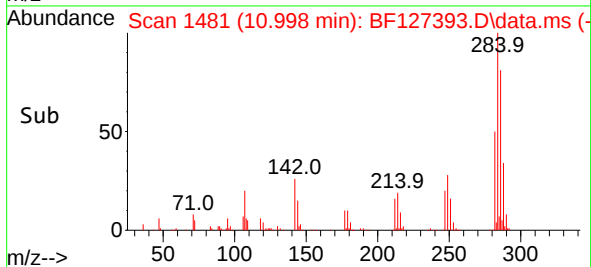
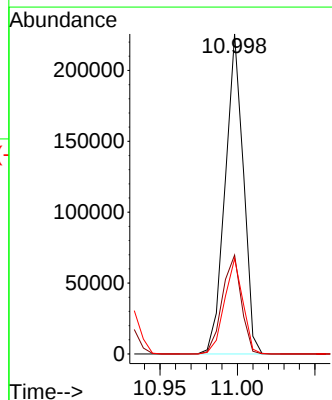
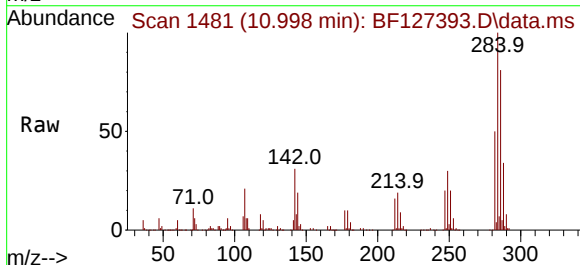
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

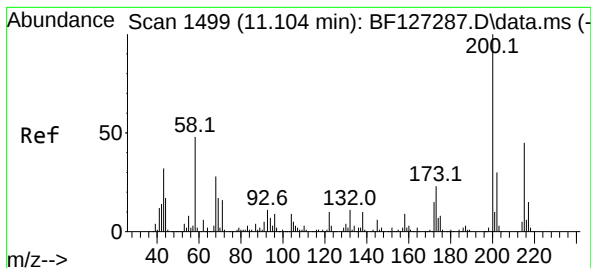
Tgt Ion:248 Resp: 165759
Ion Ratio Lower Upper
248 100
250 99.9 76.2 114.4
141 72.9 66.2 99.4



#68
Hexachlorobenzene
Concen: 37.100 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:284 Resp: 183960
Ion Ratio Lower Upper
284 100
142 30.9 30.7 46.1
249 29.8 21.1 31.7





#69

Atrazine

Concen: 41.663 ng

RT: 11.092 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

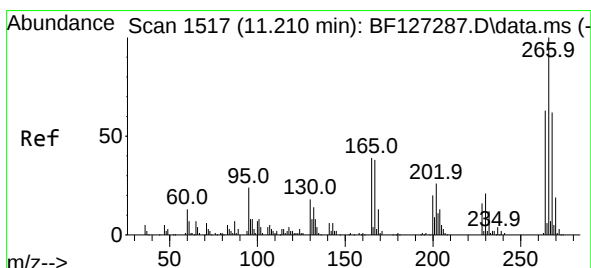
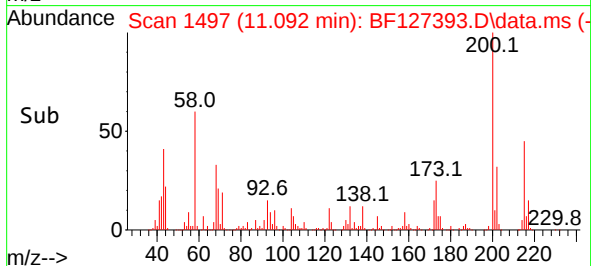
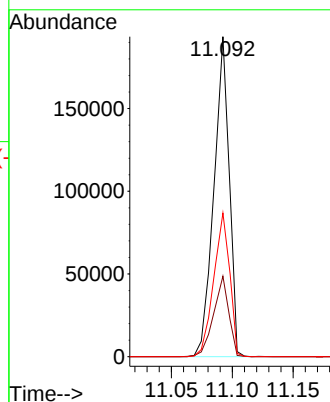
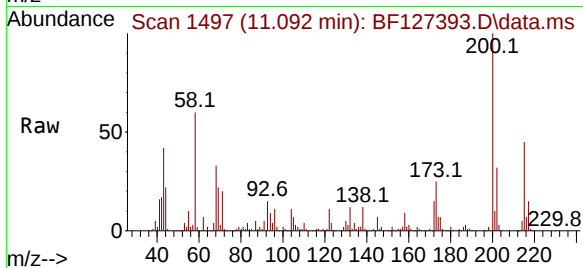
Tgt Ion:200 Resp: 168525

Ion Ratio Lower Upper

200 100

173 25.1 9.2 49.2

215 44.9 23.2 63.2



#70

Pentachlorophenol

Concen: 81.245 ng

RT: 11.198 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

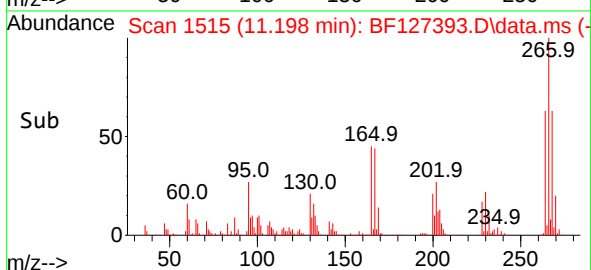
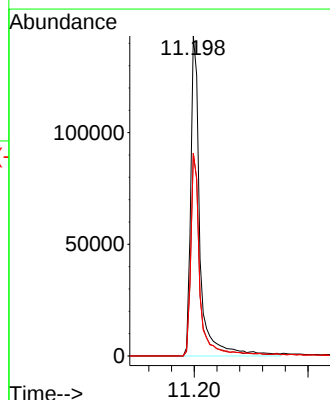
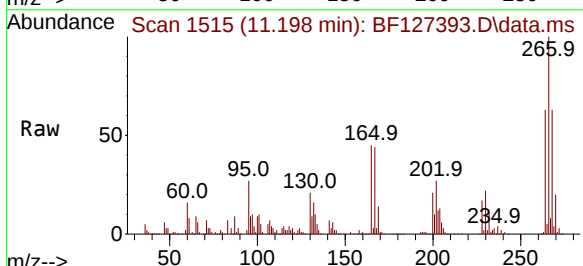
Tgt Ion:266 Resp: 162656

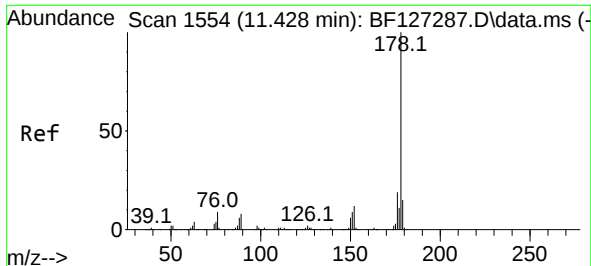
Ion Ratio Lower Upper

266 100

268 63.3 52.3 78.5

264 63.4 50.4 75.6

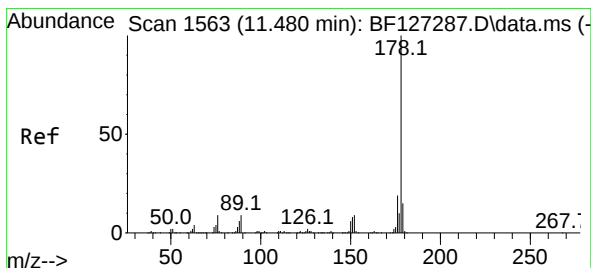
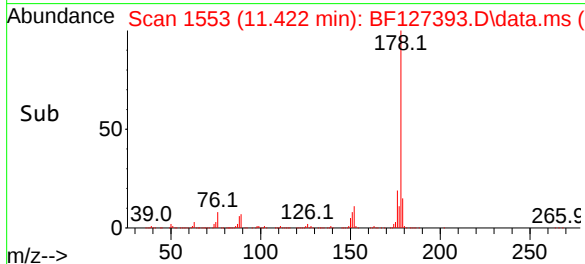
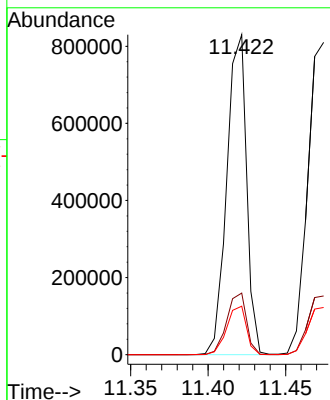
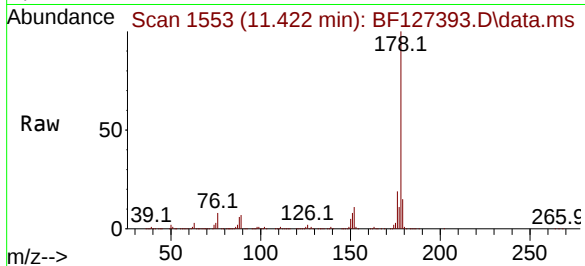




#71
Phenanthrene
Concen: 37.046 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

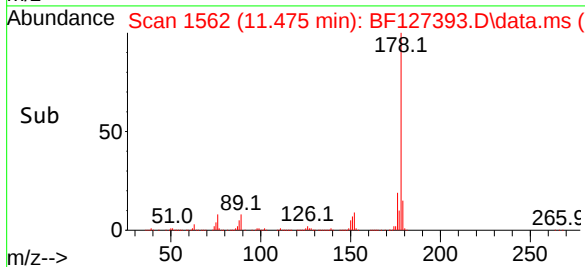
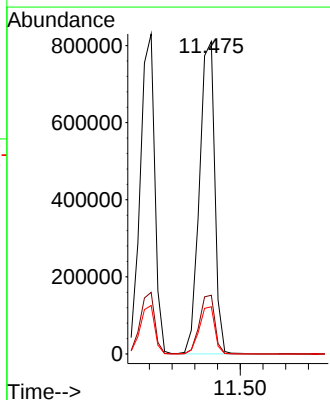
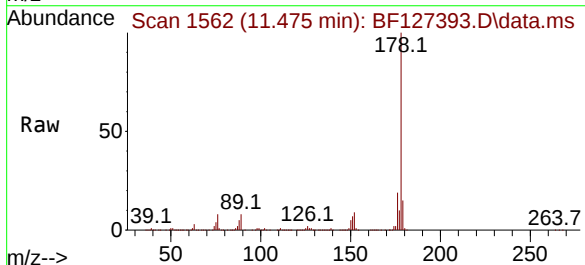
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

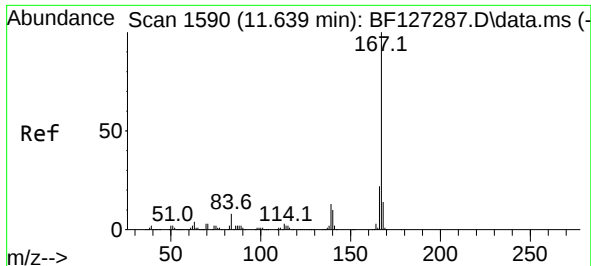
Tgt Ion:178 Resp: 738122
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.1 12.3 18.5



#72
Anthracene
Concen: 38.438 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:178 Resp: 758462
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.5 18.7

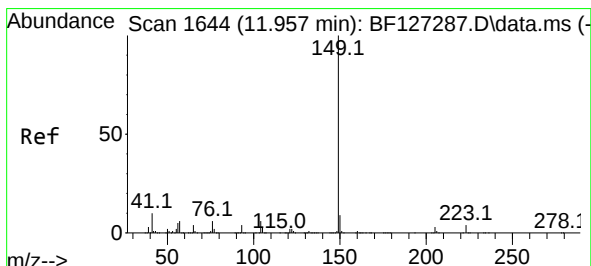
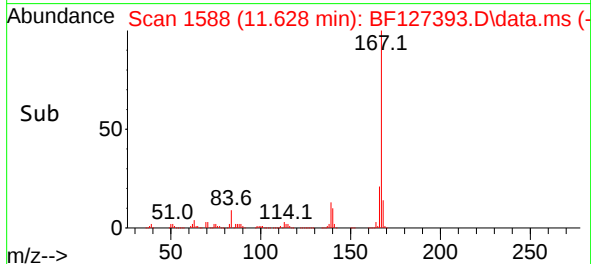
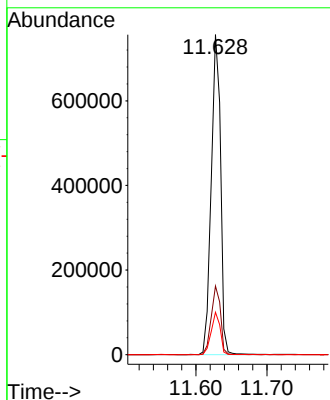
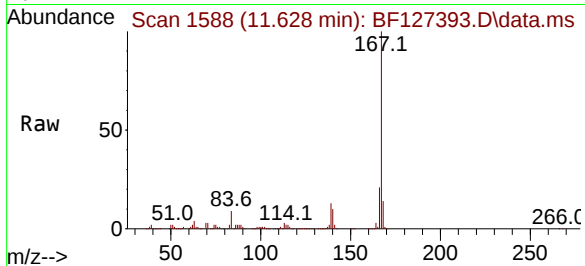




#73
Carbazole
Concen: 37.155 ng
RT: 11.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

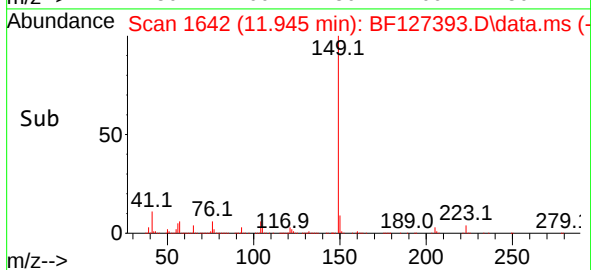
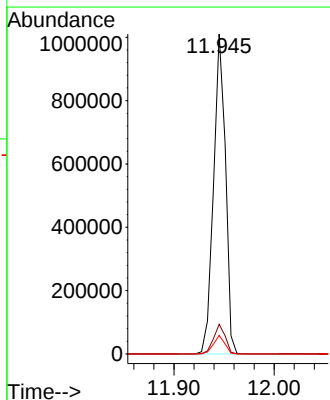
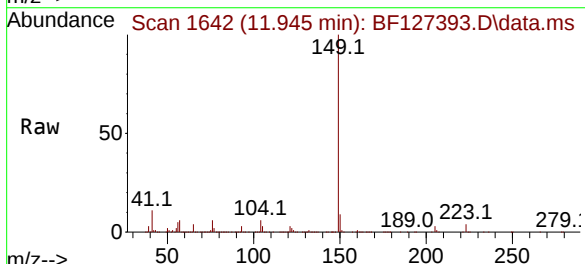
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

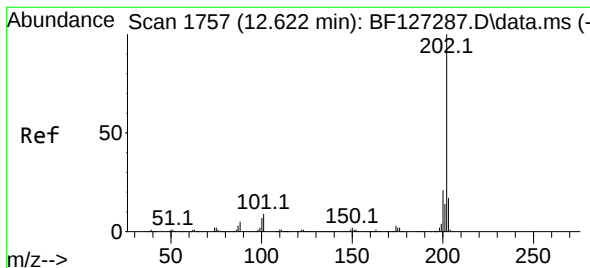
Tgt Ion:167 Resp: 690409
Ion Ratio Lower Upper
167 100
166 21.5 16.9 25.3
139 13.2 11.3 16.9



#74
Di-n-butylphthalate
Concen: 38.343 ng
RT: 11.945 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:149 Resp: 833344
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.8 4.2 6.2





#75

Fluoranthene

Concen: 37.782 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

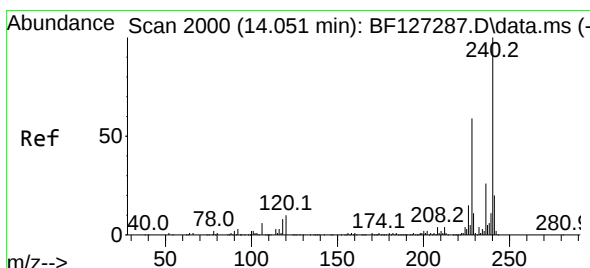
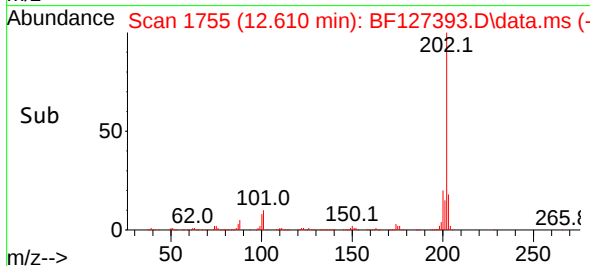
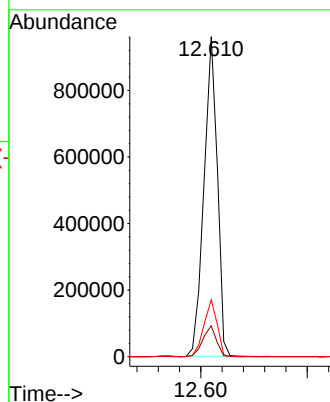
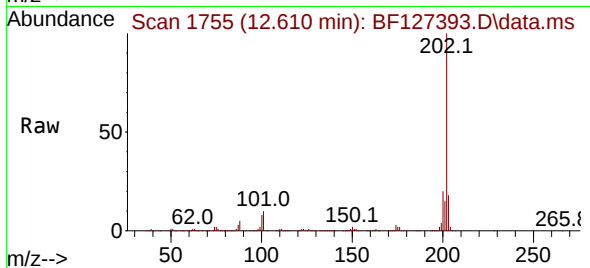
Tgt Ion:202 Resp: 841707

Ion Ratio Lower Upper

202 100

101 9.7 0.0 35.7

203 17.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

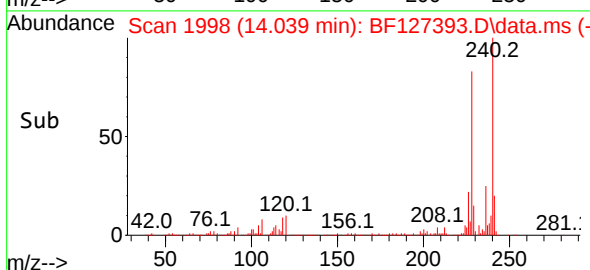
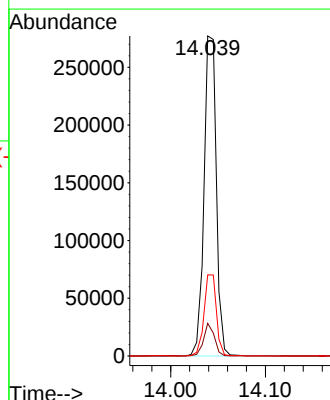
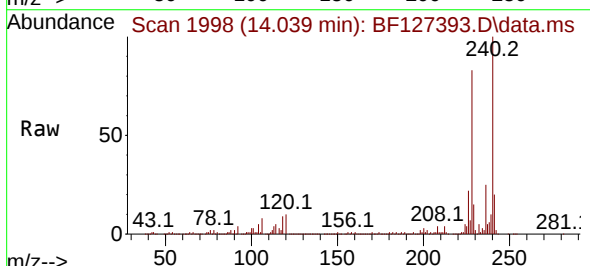
Tgt Ion:240 Resp: 249580

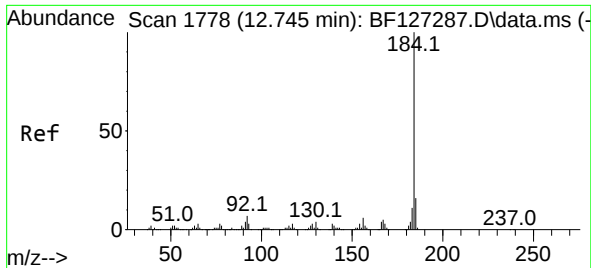
Ion Ratio Lower Upper

240 100

120 10.2 14.4 21.6#

236 25.3 20.5 30.7

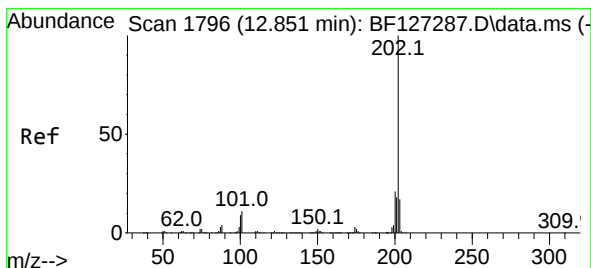
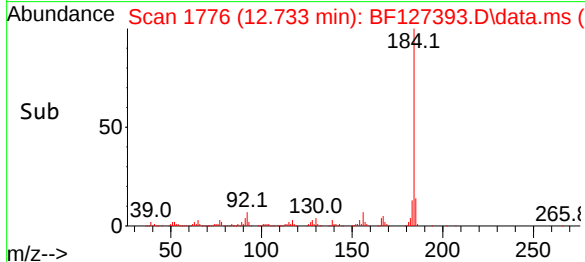
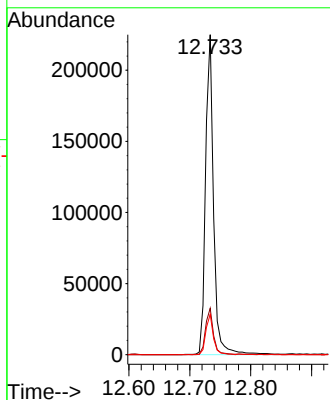
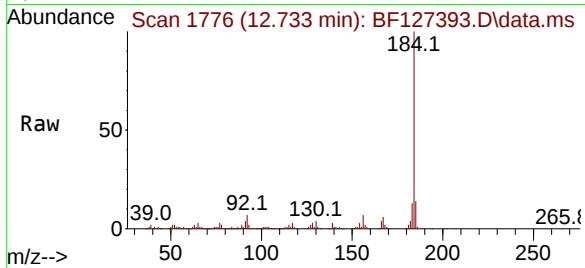




#77
Benzidine
Concen: 32.448 ng
RT: 12.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

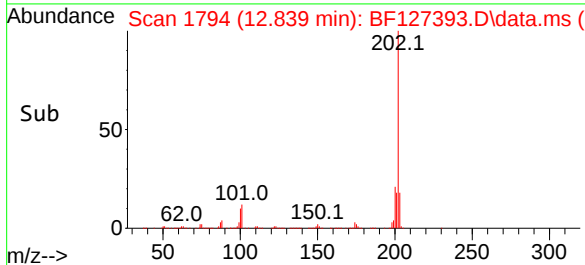
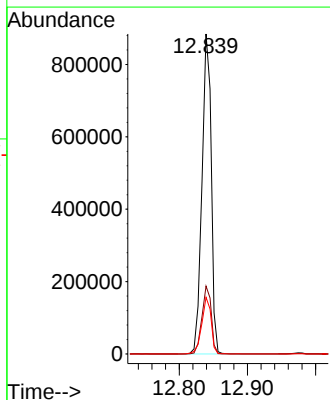
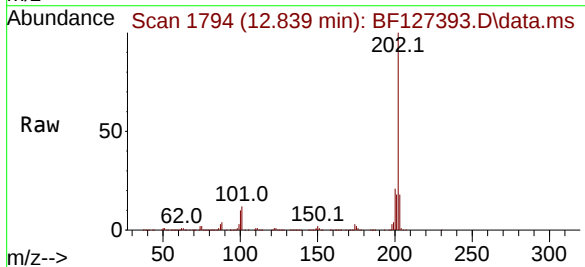
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

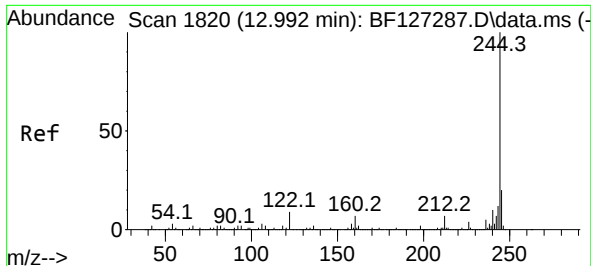
Tgt Ion:184 Resp: 205938
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 12.6 8.2 12.2#



#78
Pyrene
Concen: 43.112 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:202 Resp: 838077
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.7 13.8 20.8

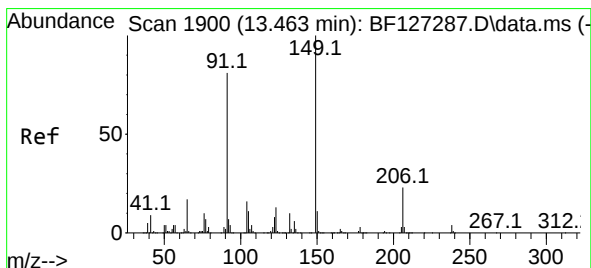
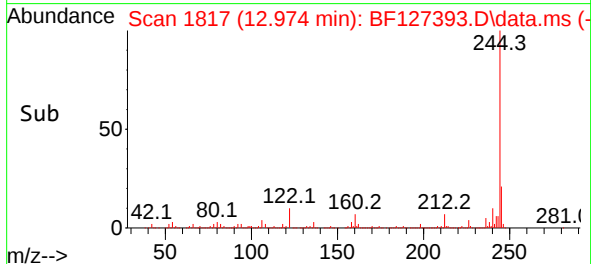
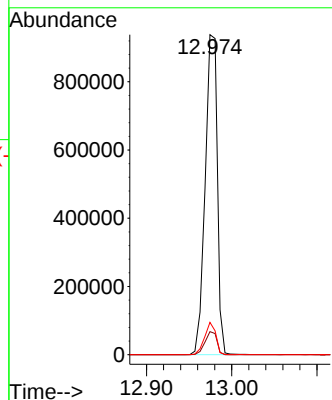
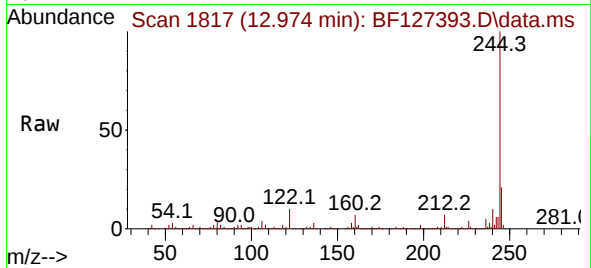




#79
 Terphenyl-d14
 Concen: 64.101 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

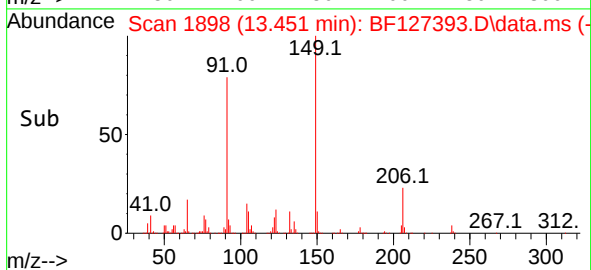
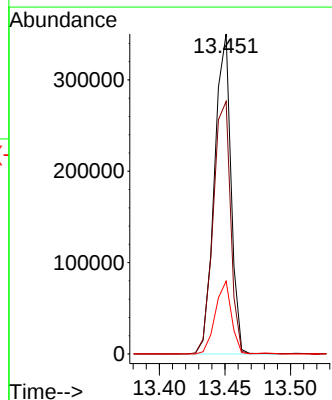
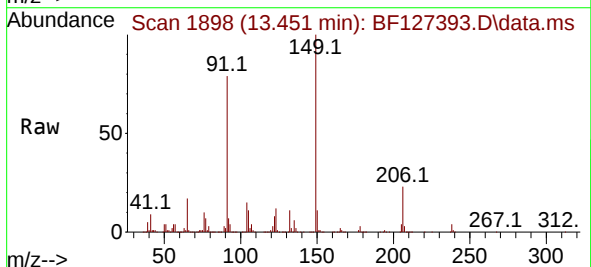
Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMS

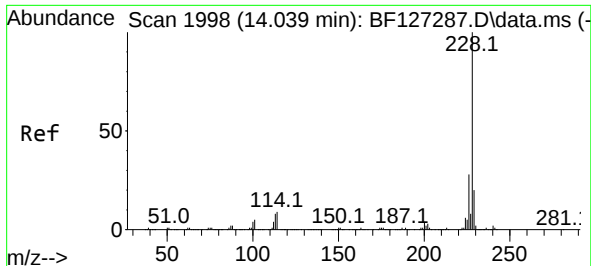
Tgt Ion:244 Resp: 929079
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 10.1 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 41.003 ng
 RT: 13.451 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

Tgt Ion:149 Resp: 306765
 Ion Ratio Lower Upper
 149 100
 91 78.9 70.5 105.7
 206 22.8 12.6 19.0#

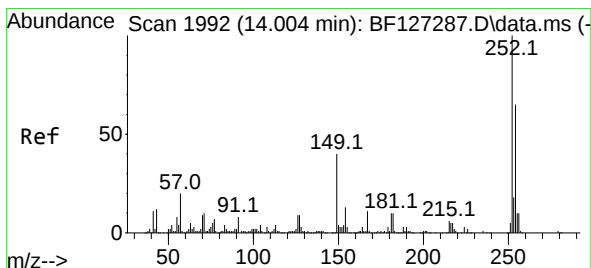
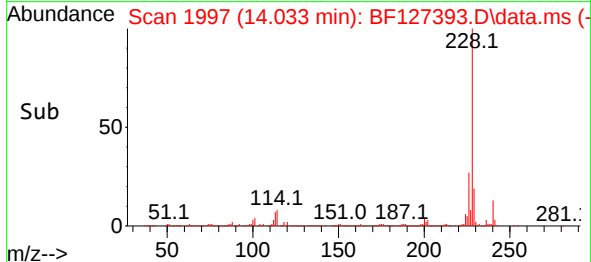
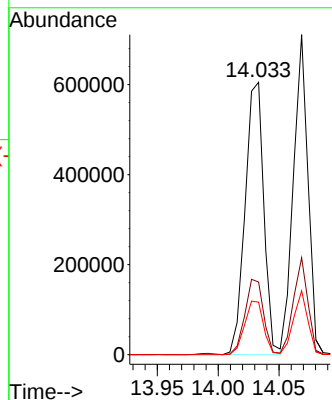
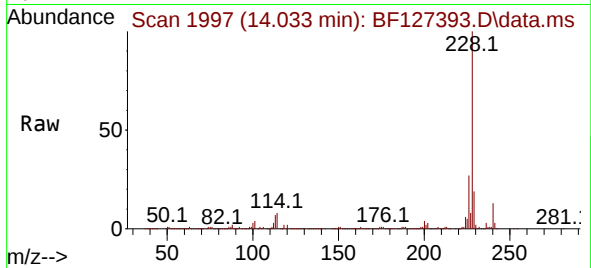




#81
Benzo(a)anthracene
Concen: 38.523 ng
RT: 14.033 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

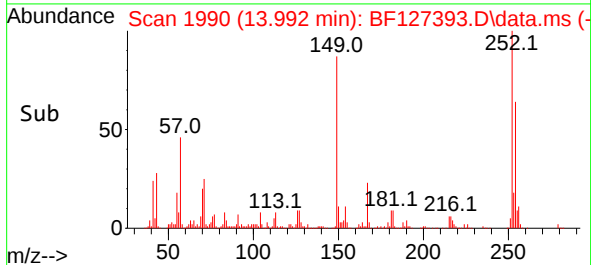
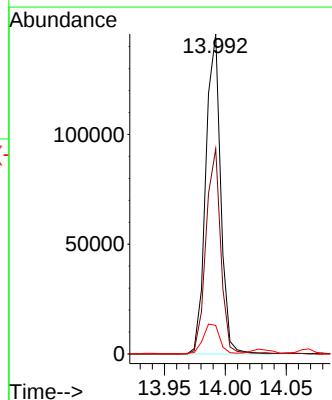
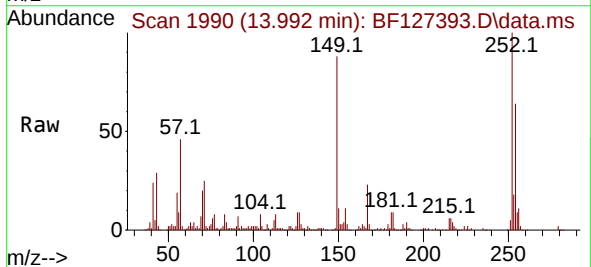
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

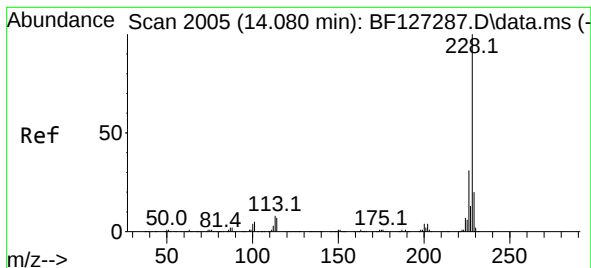
Tgt Ion:228 Resp: 647369
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 23.799 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:252 Resp: 124351
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 8.9 13.4 20.0#





#83

Chrysene

Concen: 38.026 ng

RT: 14.069 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

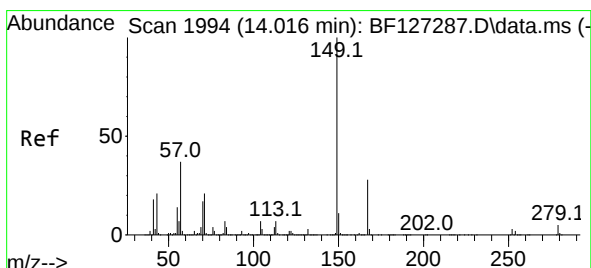
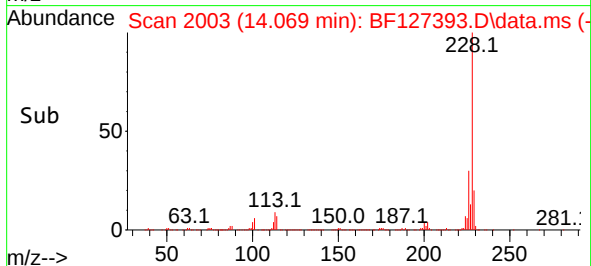
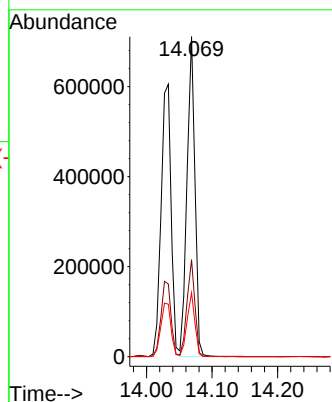
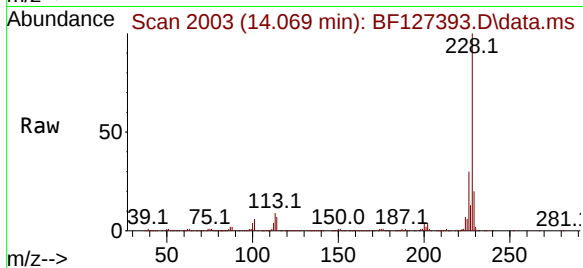
Tgt Ion:228 Resp: 594357

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.311 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

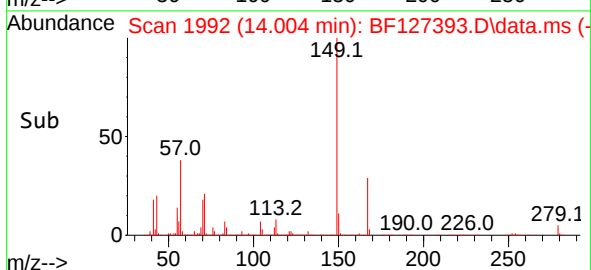
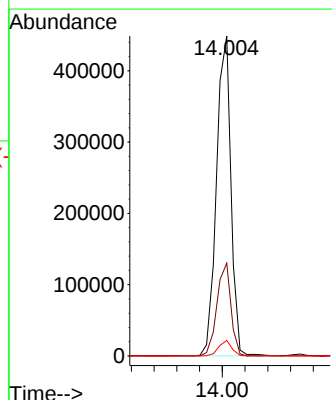
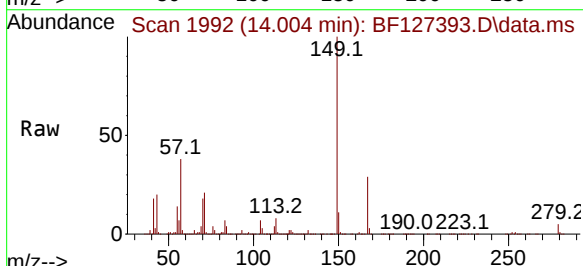
Tgt Ion:149 Resp: 395913

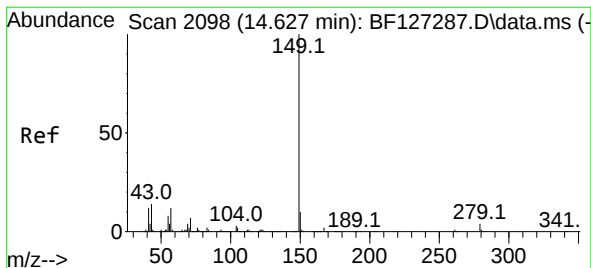
Ion Ratio Lower Upper

149 100

167 29.0 21.4 32.2

279 4.8 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 40.535 ng

RT: 14.616 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

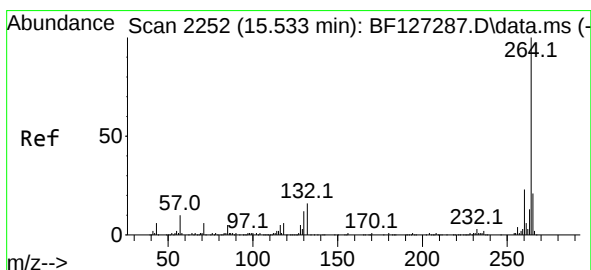
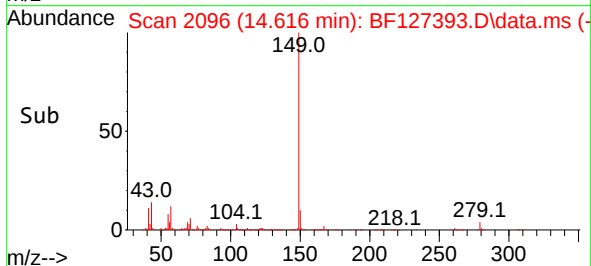
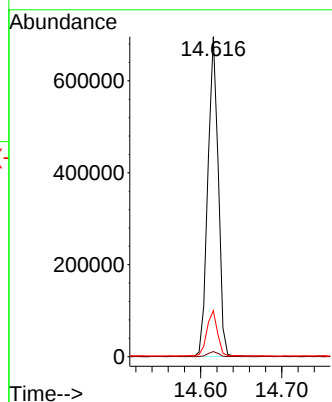
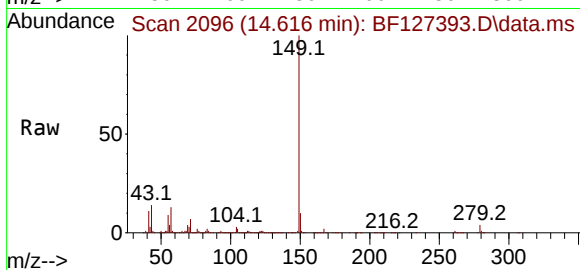
Tgt Ion:149 Resp: 617885

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 14.5 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

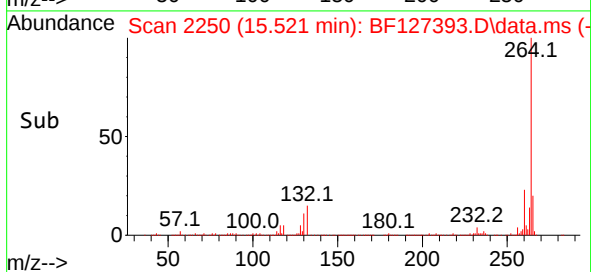
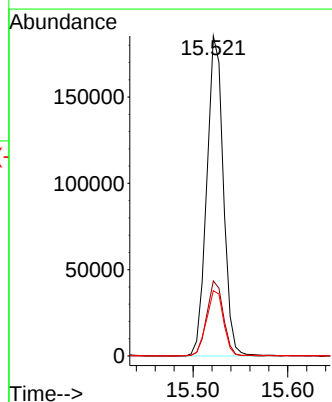
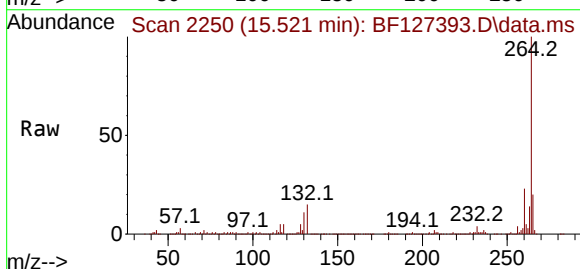
Tgt Ion:264 Resp: 224459

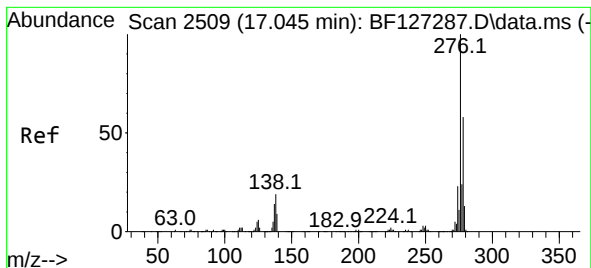
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.784 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMS

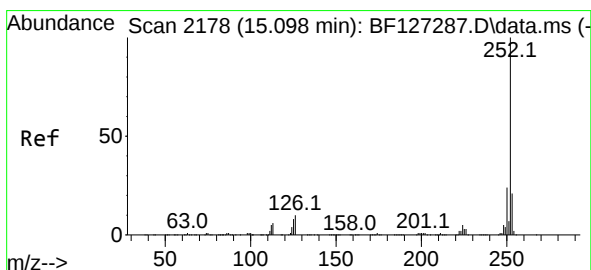
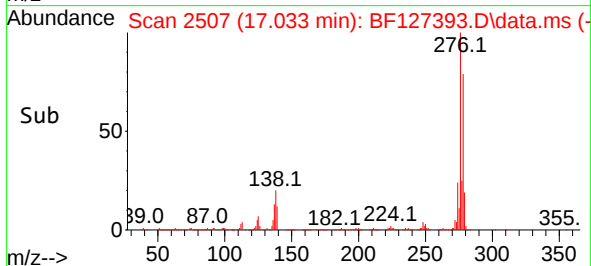
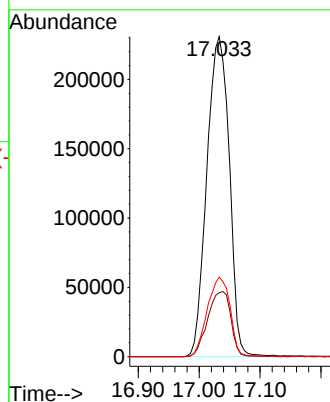
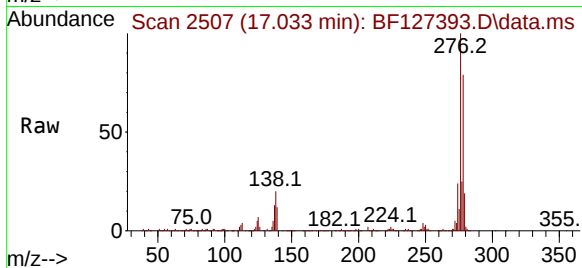
Tgt Ion:276 Resp: 592035

Ion Ratio Lower Upper

276 100

138 21.0 29.2 43.8#

277 25.3 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 39.756 ng

RT: 15.092 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF127393.D

Acq: 18 Mar 2022 15:51

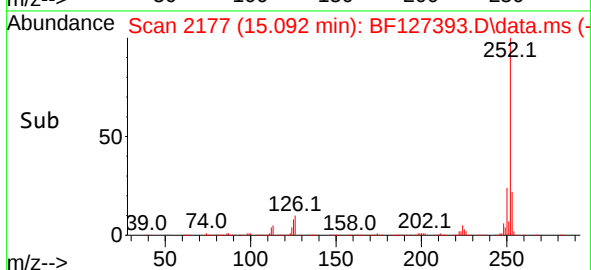
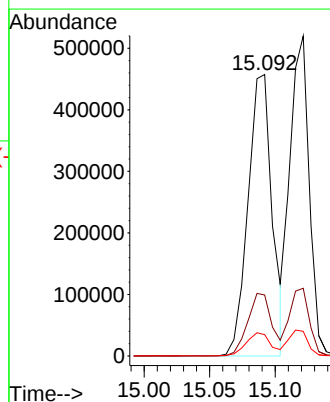
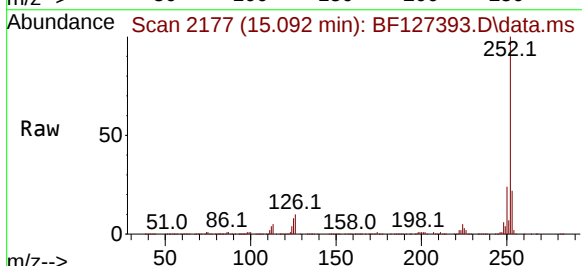
Tgt Ion:252 Resp: 585746

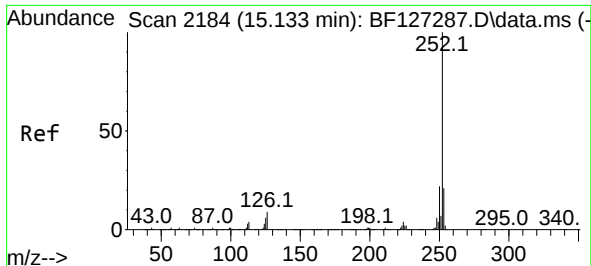
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 7.6 12.4 18.6#

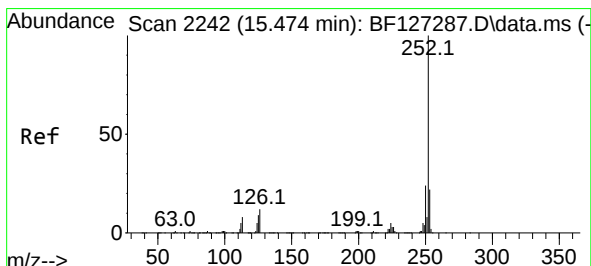
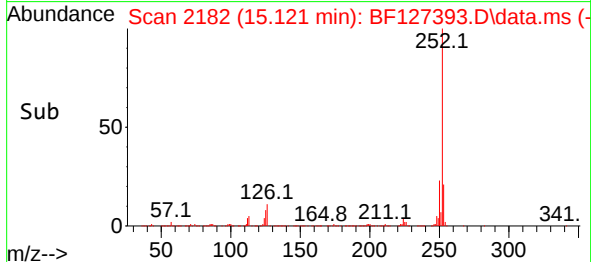
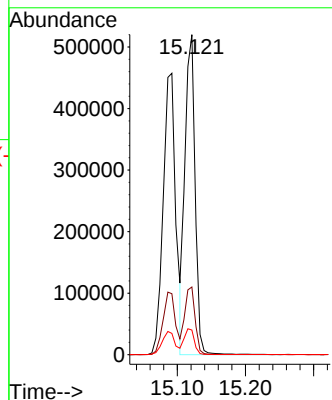
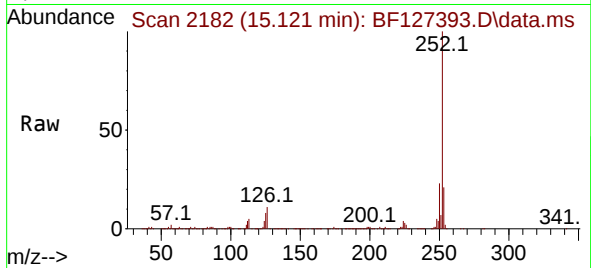




#89
Benzo(k)fluoranthene
Concen: 38.708 ng
RT: 15.121 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

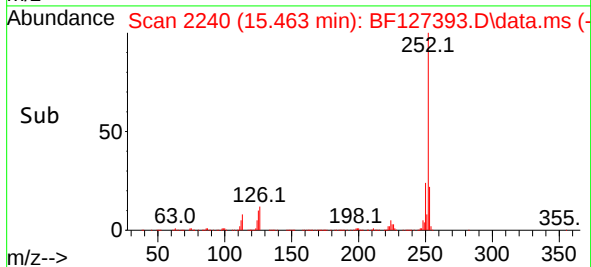
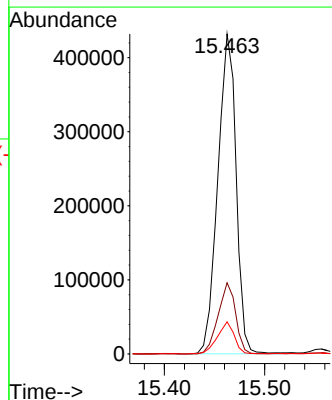
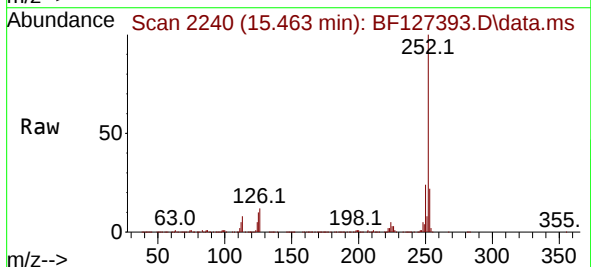
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Tgt Ion:252 Resp: 536231
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 7.7 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 47.102 ng
RT: 15.463 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BF127393.D
Acq: 18 Mar 2022 15:51

Tgt Ion:252 Resp: 546477
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.1 13.0 19.6#

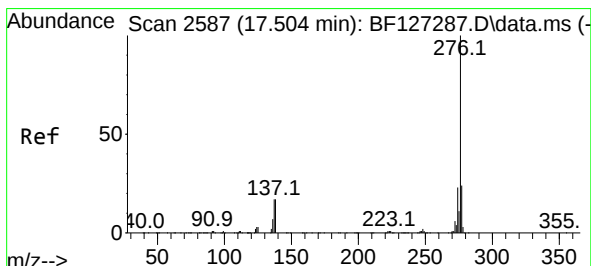
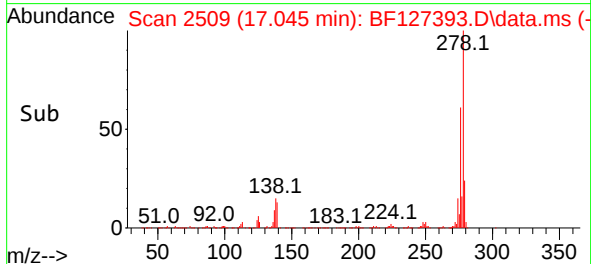
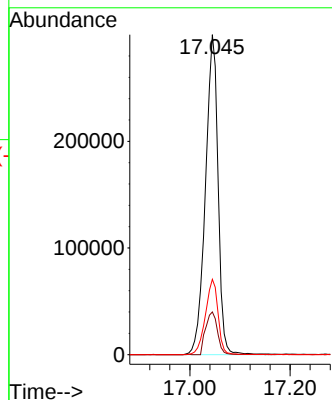
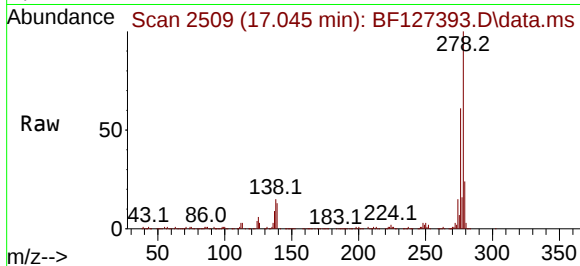




#91
 Dibenzo(a,h)anthracene
 Concen: 46.696 ng
 RT: 17.045 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMS

Tgt Ion:278 Resp: 525512
 Ion Ratio Lower Upper
 278 100
 139 13.3 18.0 27.0#
 279 23.5 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 47.014 ng
 RT: 17.492 min Scan# 2585
 Delta R.T. 0.000 min
 Lab File: BF127393.D
 Acq: 18 Mar 2022 15:51

Tgt Ion:276 Resp: 516109
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.5 27.7
 138 18.0 25.9 38.9#

