

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129779.D
 Acq On : 15 Aug 2022 00:03
 Operator : CG\JU
 Sample : PB146737BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146737BS

Quant Time: Aug 15 03:04:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	175709	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	729847	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	390825	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	673929	20.000	ng	0.00
76) Chrysene-d12	14.004	240	416684	20.000	ng	0.00
86) Perylene-d12	15.468	264	333699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1268746	119.553	ng	0.01
7) Phenol-d6	6.487	99	1561938	117.530	ng	0.00
23) Nitrobenzene-d5	7.398	82	1040129	76.290	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	459755	117.209	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1949671	75.767	ng	0.00
79) Terphenyl-d14	12.939	244	2118189	84.585	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	148443	33.905	ng	99
3) Pyridine	3.434	79	408067	35.615	ng	98
4) n-Nitrosodimethylamine	3.381	42	228447	43.264	ng	100
6) Aniline	6.493	93	601413	39.706	ng	90
8) 2-Chlorophenol	6.622	128	517509	43.804	ng	99
9) Benzaldehyde	6.381	77	337395	48.906	ng	99
10) Phenol	6.498	94	613404	42.078	ng	84
11) bis(2-Chloroethyl)ether	6.563	93	484750	43.790	ng	99
12) 1,3-Dichlorobenzene	6.763	146	542753	42.555	ng	99
13) 1,4-Dichlorobenzene	6.840	146	545574	41.864	ng	99
14) 1,2-Dichlorobenzene	6.993	146	514760	42.530	ng	99
15) Benzyl Alcohol	6.981	79	424897	42.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.093	45	638452	43.042	ng	99
17) 2-Methylphenol	7.098	107	406088	42.809	ng	99
18) Hexachloroethane	7.328	117	210120	42.936	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	363366	43.257	ng	99
20) 3+4-Methylphenols	7.251	107	532744	41.838	ng	98
22) Acetophenone	7.240	105	729480	41.015	ng	99
24) Nitrobenzene	7.416	77	538866	39.196	ng	99
25) Isophorone	7.651	82	1000448	42.634	ng	100
26) 2-Nitrophenol	7.728	139	283450	41.916	ng	99
27) 2,4-Dimethylphenol	7.775	122	447528	46.147	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	617560	45.073	ng	99
29) 2,4-Dichlorophenol	7.981	162	432651	40.799	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	437506	39.108	ng	97
31) Naphthalene	8.128	128	1493085	39.126	ng	99
32) Benzoic acid	7.922	122	175972	42.171	ng	94
33) 4-Chloroaniline	8.187	127	550427	36.679	ng	99
34) Hexachlorobutadiene	8.239	225	268200	39.372	ng	100
35) Caprolactam	8.575	113	68071	20.642	ng	100
36) 4-Chloro-3-methylphenol	8.687	107	475256	41.543	ng	97
37) 2-Methylnaphthalene	8.822	142	990630	39.552	ng	99
38) 1-Methylnaphthalene	8.922	142	947965	38.945	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	444142	40.859	ng	99
41) Hexachlorocyclopentadiene	8.969	237	367620	94.125	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	276097	39.093	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	294466	38.754	ng	100
46) 1,1'-Biphenyl	9.286	154	1209984	40.753	ng	99
47) 2-Chloronaphthalene	9.310	162	934021	39.759	ng	97
48) 2-Nitroaniline	9.422	65	299002	40.275	ng	87
49) Acenaphthylene	9.728	152	1396485	39.201	ng	100
50) Dimethylphthalate	9.592	163	1117373	39.882	ng	99
51) 2,6-Dinitrotoluene	9.663	165	247992	40.805	ng	# 86
52) Acenaphthene	9.898	154	848168	39.243	ng	100
53) 3-Nitroaniline	9.834	138	213641	31.787	ng	95
54) 2,4-Dinitrophenol	9.951	184	221382	80.529	ng	94
55) Dibenzofuran	10.075	168	1270193	39.119	ng	98
56) 4-Nitrophenol	10.028	139	243862	81.558	ng	91
57) 2,4-Dinitrotoluene	10.069	165	318881	40.419	ng	95
58) Fluorene	10.416	166	1055166	38.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	229452	41.148	ng	# 81
60) Diethylphthalate	10.286	149	1103807	39.512	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	485771	39.926	ng	98
62) 4-Nitroaniline	10.457	138	243060	35.847	ng	99
63) Azobenzene	10.563	77	1066304	39.933	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	158432	40.045	ng	89
66) n-Nitrosodiphenylamine	10.528	169	916723	40.302	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	320209	40.566	ng	100
68) Hexachlorobenzene	10.963	284	349300	40.852	ng	99
69) Atrazine	11.057	200	310037	44.409	ng	98
70) Pentachlorophenol	11.169	266	199348	77.922	ng	96
71) Phenanthrene	11.380	178	1454758	38.651	ng	99
72) Anthracene	11.433	178	1502260	40.135	ng	100
73) Carbazole	11.592	167	1374510	40.454	ng	99
74) Di-n-butylphthalate	11.904	149	1721312	39.363	ng	100
75) Fluoranthene	12.575	202	1494310	38.798	ng	99
77) Benzidine	12.698	184	871360	92.818	ng	100
78) Pyrene	12.804	202	1485793	41.033	ng	99
80) Butylbenzylphthalate	13.410	149	642489	41.933	ng	97
81) Benzo(a)anthracene	13.992	228	1130561	39.442	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	310247	34.948	ng	100
83) Chrysene	14.033	228	1048604	39.081	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	784630	43.164	ng	98
85) Di-n-octyl phthalate	14.574	149	1061796	42.313	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	969586	42.324	ng	99
88) Benzo(b)fluoranthene	15.045	252	952723	41.694	ng	99
89) Benzo(k)fluoranthene	15.074	252	873478	39.860	ng	99
90) Benzo(a)pyrene	15.410	252	785288	43.641	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	845319	44.720	ng	98
92) Benzo(g,h,i)perylene	17.404	276	844809	44.798	ng	97

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

RNA F

BNA F

ClientSampleId :

PB146737BS

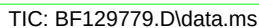
Quant Time: Aug 15 03:04:09 2022

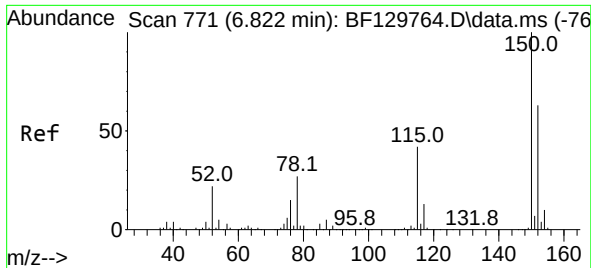
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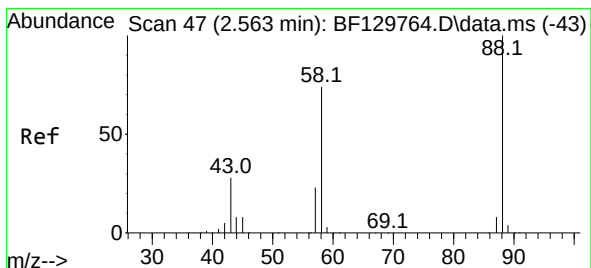
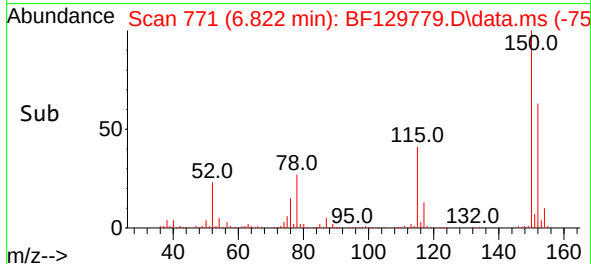
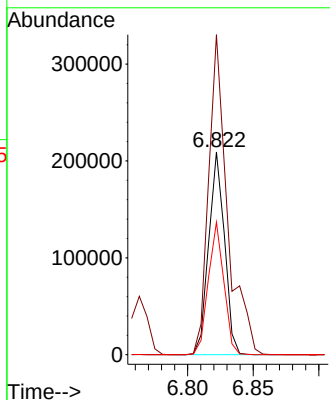
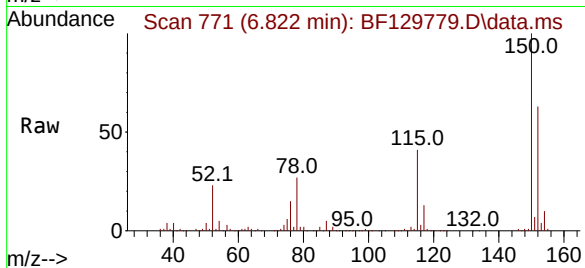




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129779.D
 Acq: 15 Aug 2022 00:03

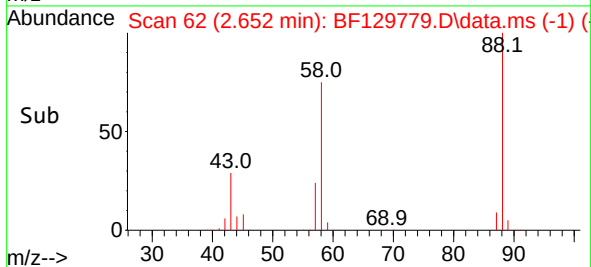
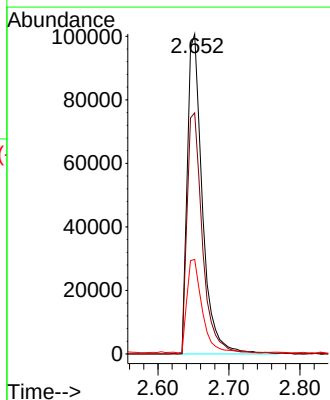
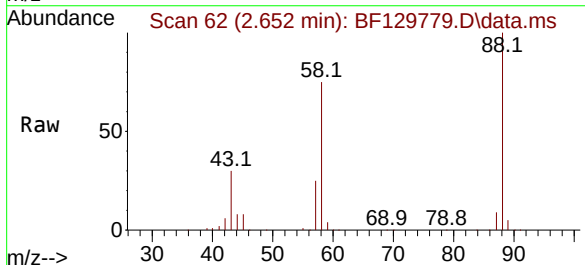
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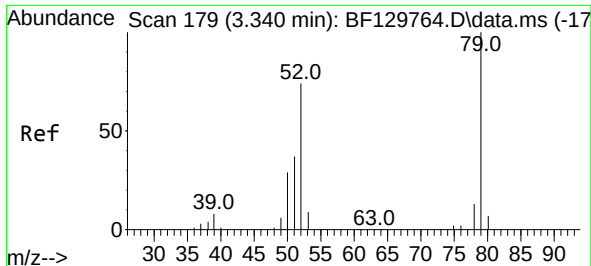
Tgt Ion:152 Resp: 175709
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.9 190.3
 115 65.4 53.4 80.0



#2
 1,4-Dioxane
 Concen: 33.905 ng
 RT: 2.652 min Scan# 62
 Delta R.T. 0.088 min
 Lab File: BF129779.D
 Acq: 15 Aug 2022 00:03

Tgt Ion: 88 Resp: 148443
 Ion Ratio Lower Upper
 88 100
 58 77.5 60.9 91.3
 43 29.5 23.6 35.4

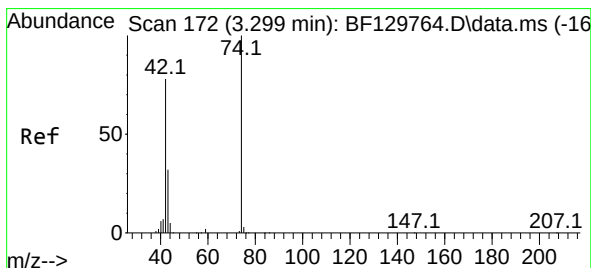
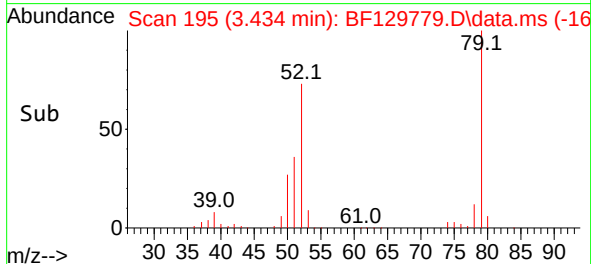
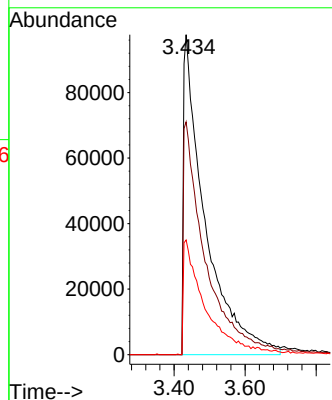
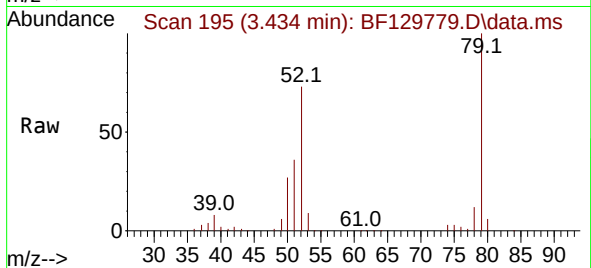




#3
Pyridine
Concen: 35.615 ng
RT: 3.434 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

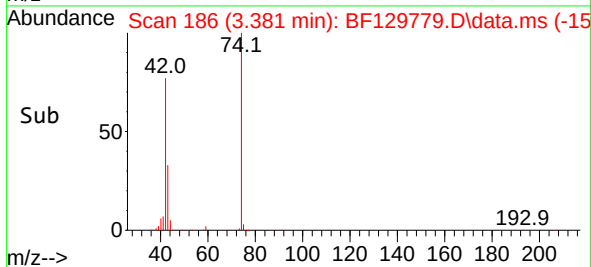
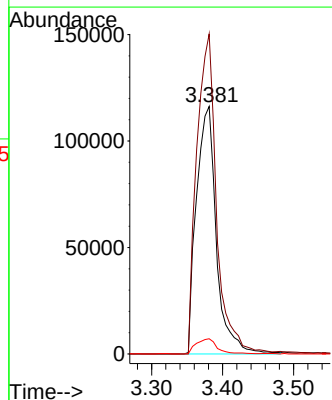
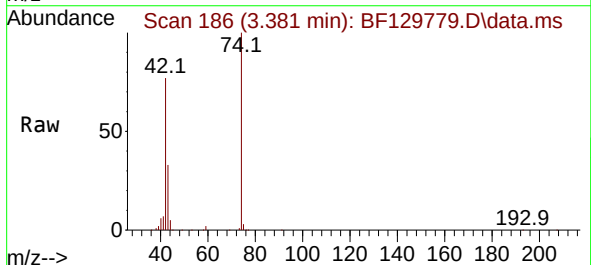
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BNA_F
ClientSampleId :
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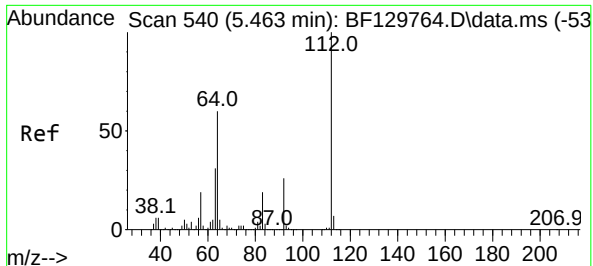
Tgt Ion: 79 Resp: 408067
Ion Ratio Lower Upper
79 100
52 72.8 59.4 89.2
51 35.9 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 43.264 ng
RT: 3.381 min Scan# 186
Delta R.T. 0.082 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 42 Resp: 228447
Ion Ratio Lower Upper
42 100
74 129.3 103.1 154.7
44 6.1 5.4 8.2

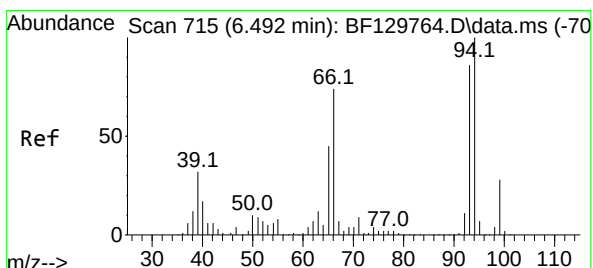
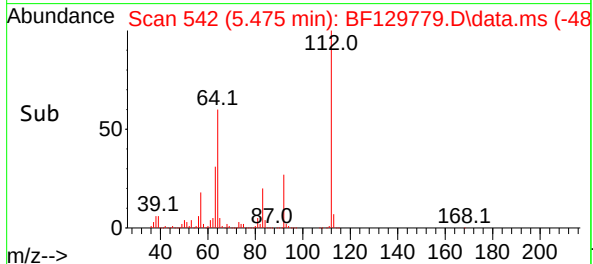
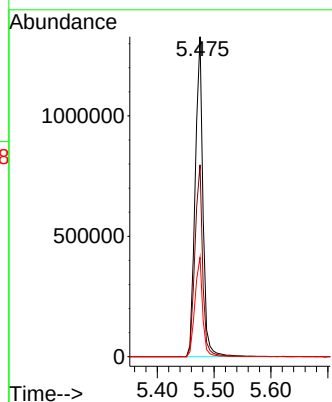
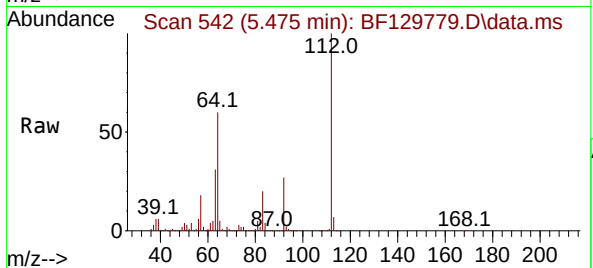




#5
2-Fluorophenol
Concen: 119.553 ng
RT: 5.475 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

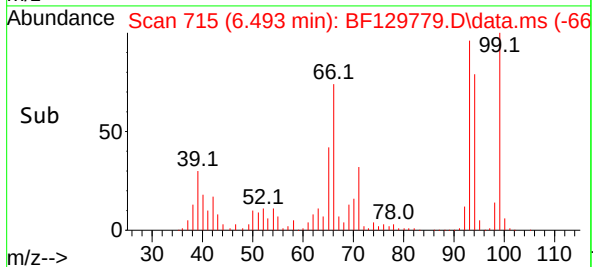
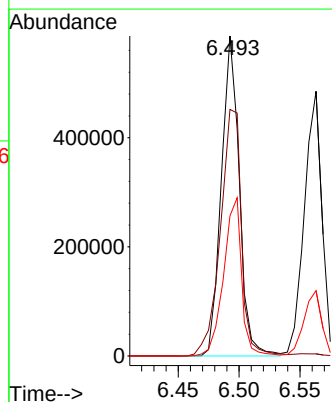
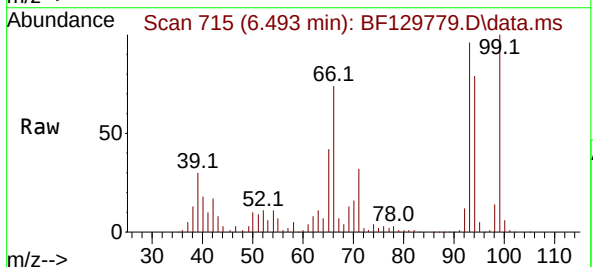
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ClientSampleId :
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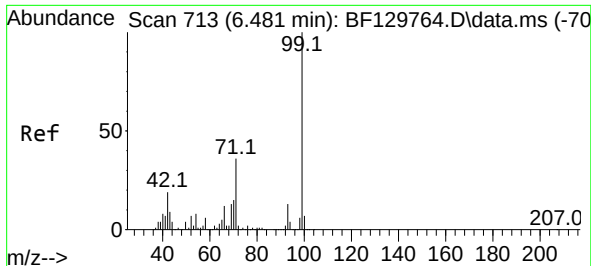
Tgt Ion:112 Resp: 1268746
Ion Ratio Lower Upper
112 100
64 59.9 47.6 71.4
63 31.1 24.6 37.0



#6
Aniline
Concen: 39.706 ng
RT: 6.493 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 93 Resp: 601413
Ion Ratio Lower Upper
93 100
66 77.1 68.7 103.1
65 43.8 41.6 62.4



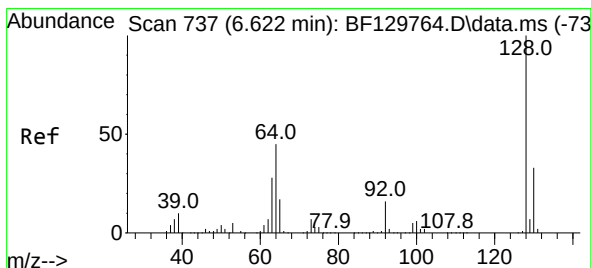
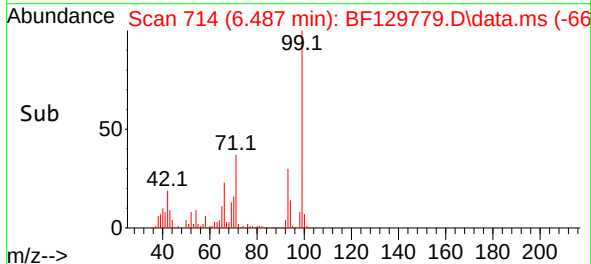
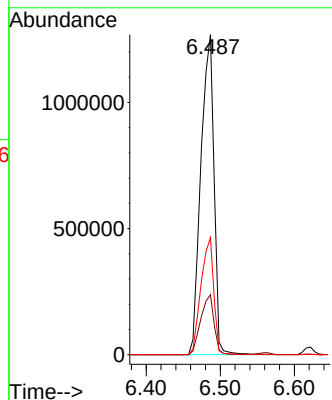
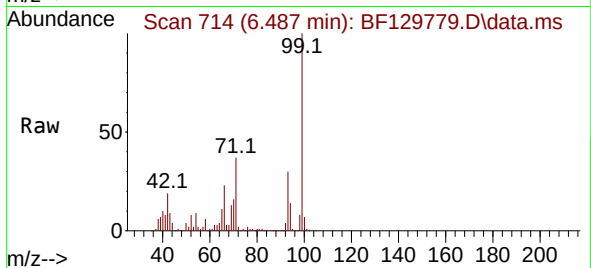


#7
Phenol-d6
Concen: 117.530 ng
RT: 6.487 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Instrument :
BNA_F
ClientSampleId :
PB146737BS

Tgt Ion: 99 Resp: 1561938

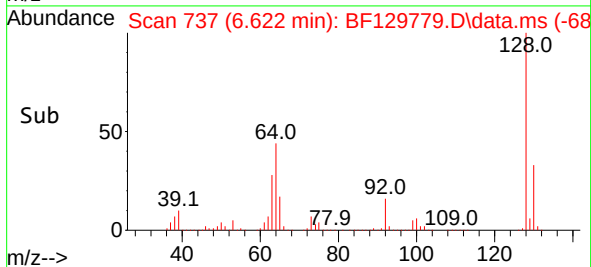
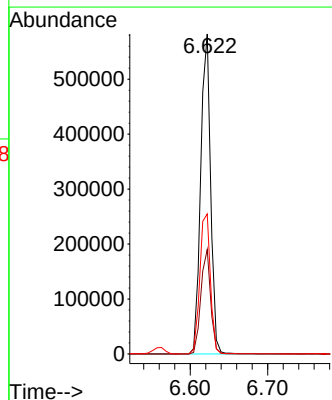
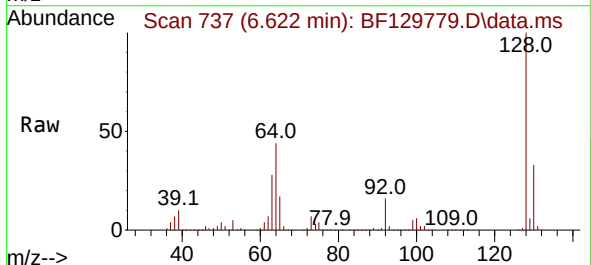
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.6	28.8	43.2

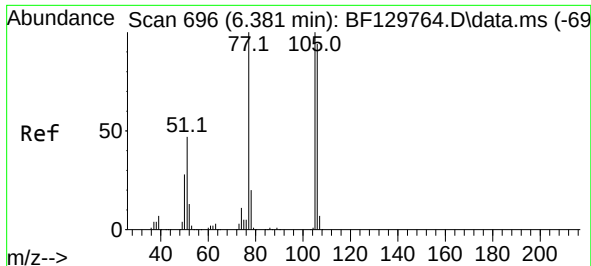


#8
2-Chlorophenol
Concen: 43.804 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 128 Resp: 517509

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	43.8	24.9	64.9

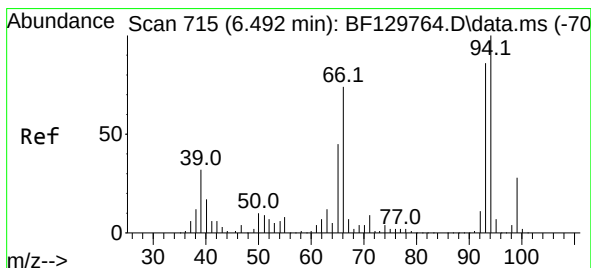
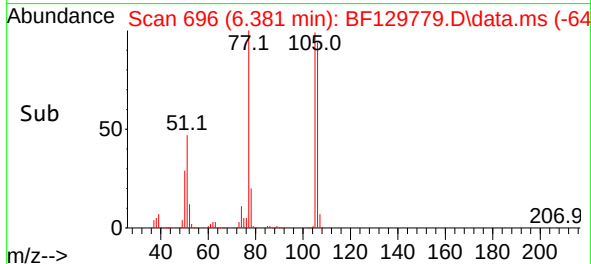
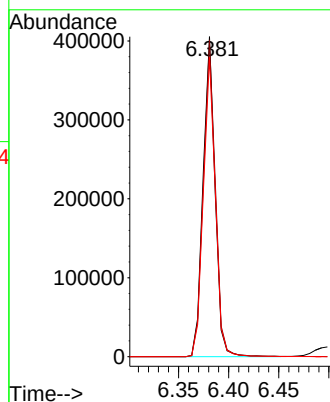
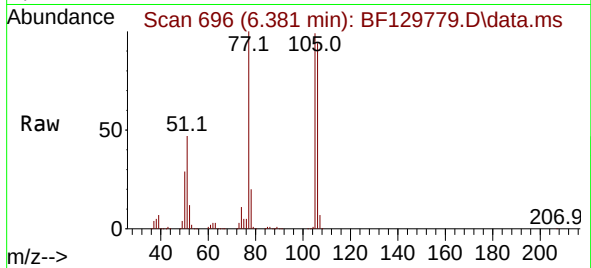




#9
Benzaldehyde
Concen: 48.906 ng
RT: 6.381 min Scan# 696
Delta R.T. -0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

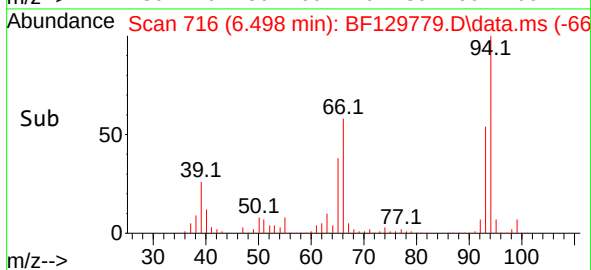
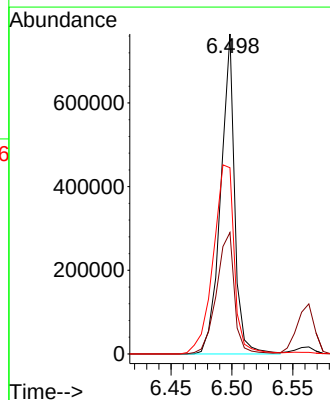
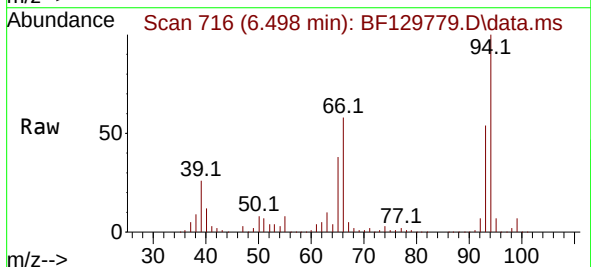
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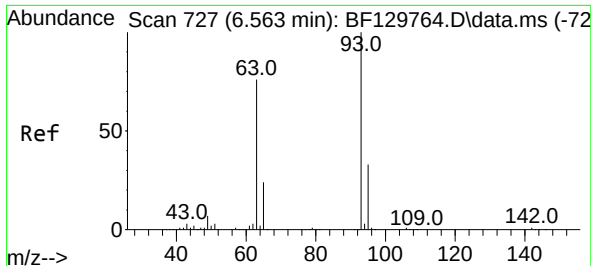
Tgt Ion: 77 Resp: 337395
Ion Ratio Lower Upper
77 100
105 99.0 80.3 120.3
106 93.6 74.3 114.3



#10
Phenol
Concen: 42.078 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 94 Resp: 613404
Ion Ratio Lower Upper
94 100
65 37.9 24.9 64.9
66 58.2 54.2 94.2

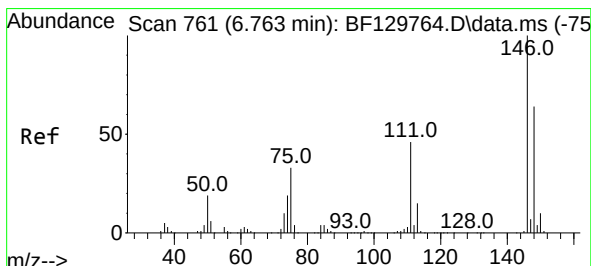
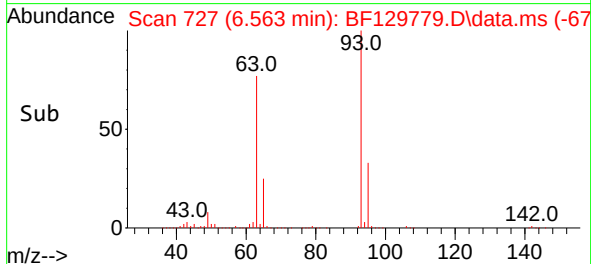
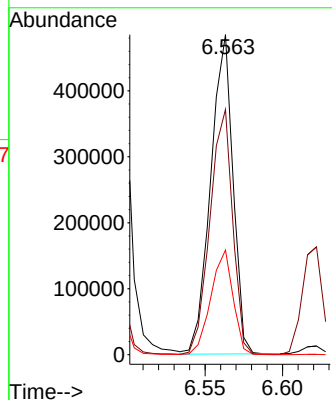
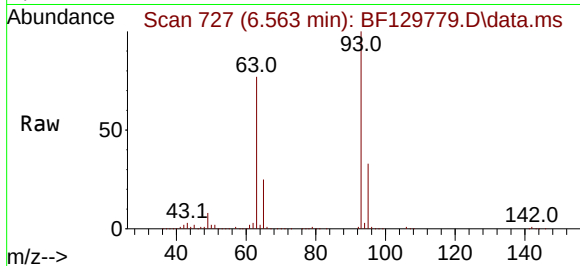




#11
bis(2-Chloroethyl)ether
Concen: 43.790 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

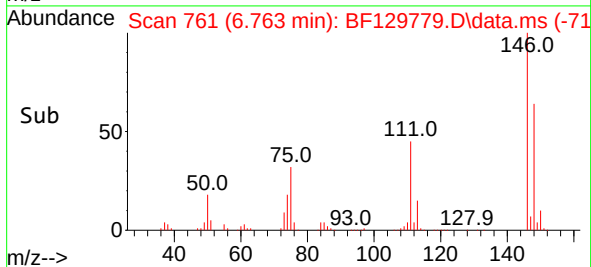
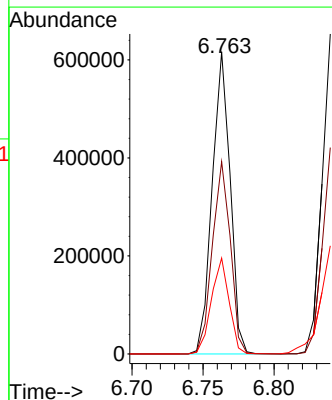
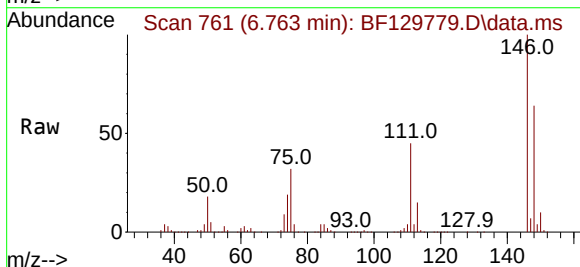
Instrument :
BNA_F
ClientSampleId :
PB146737BS

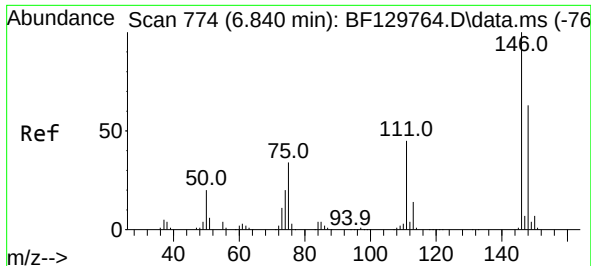
Tgt Ion: 93 Resp: 484750
Ion Ratio Lower Upper
93 100
63 76.7 55.9 95.9
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.555 ng
RT: 6.763 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 146 Resp: 542753
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 31.7 26.5 39.7

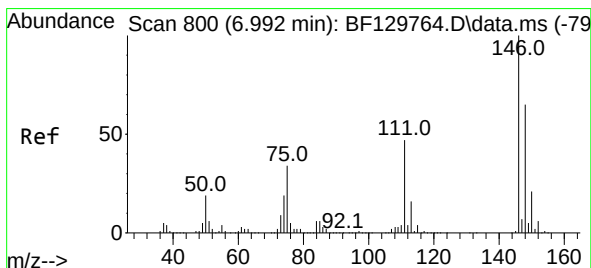
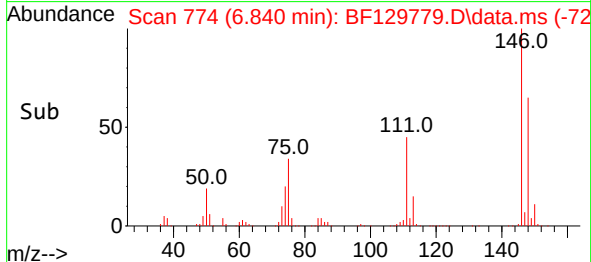
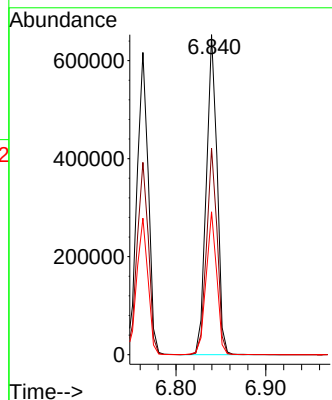
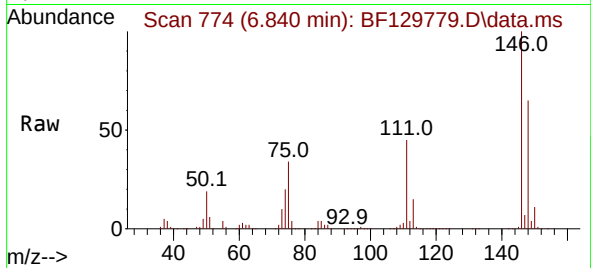




#13
1,4-Dichlorobenzene
Concen: 41.864 ng
RT: 6.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

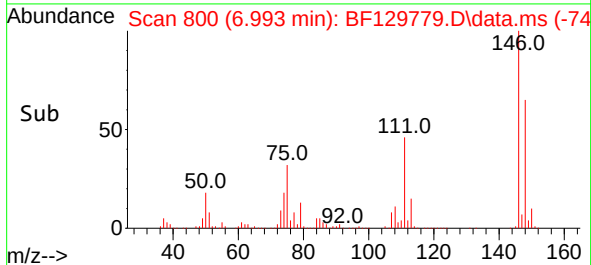
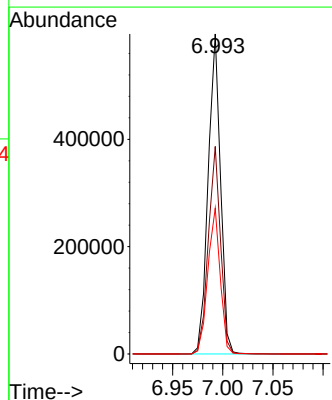
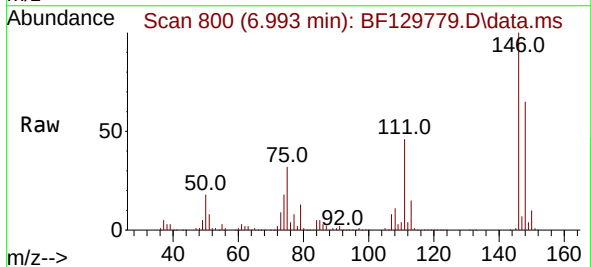
Instrument :
BNA_F
ClientSampleId :
PB146737BS

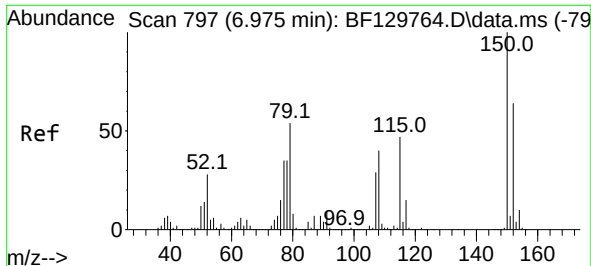
Tgt Ion:146 Resp: 545574
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
111 44.7 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 42.530 ng
RT: 6.993 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:146 Resp: 514760
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 45.6 37.2 55.8

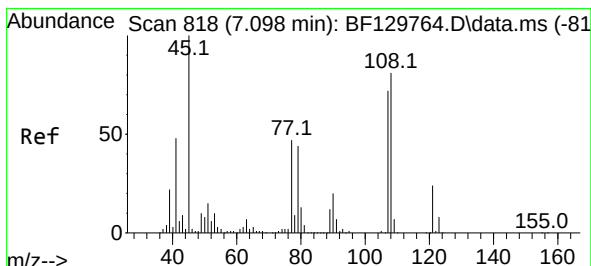
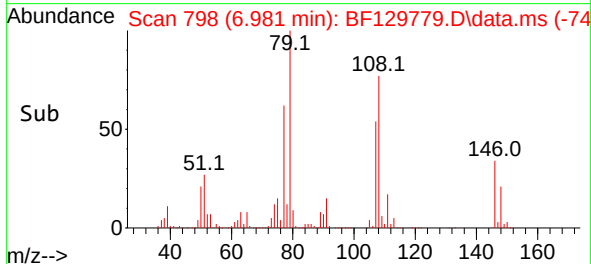
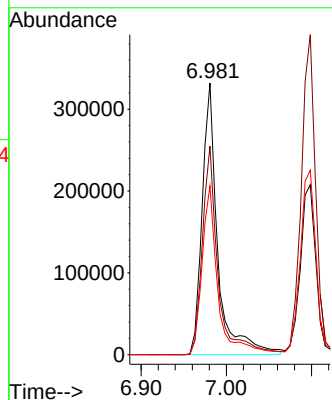
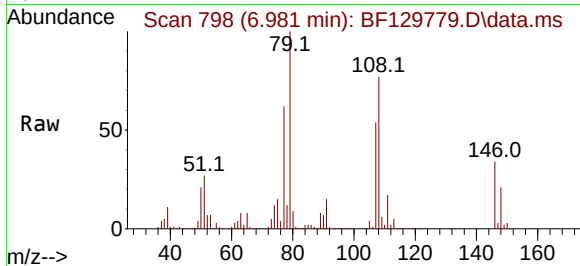




#15
Benzyl Alcohol
Concen: 42.351 ng
RT: 6.981 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

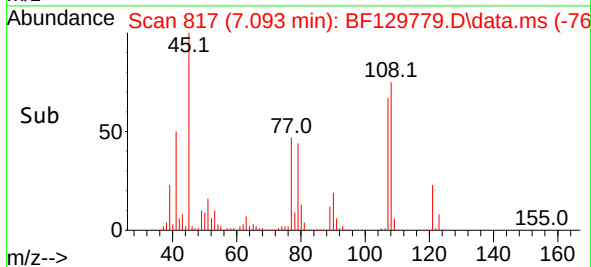
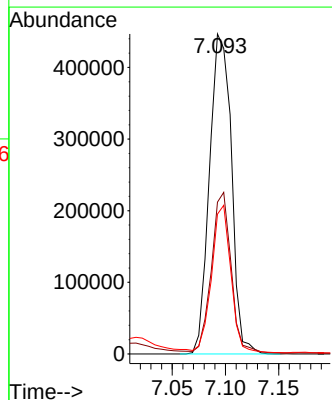
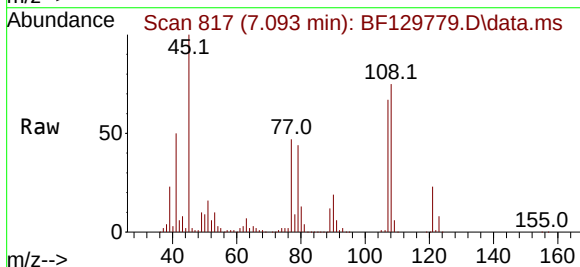
Instrument :
BNA_F
ClientSampleId :
PB146737BS

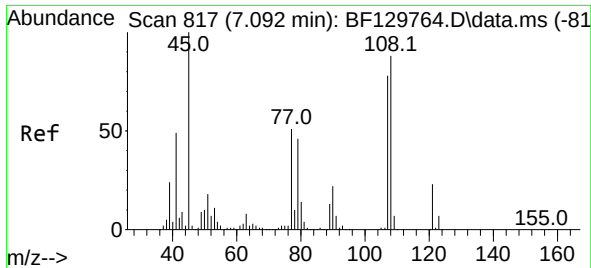
Tgt Ion: 79 Resp: 424897
Ion Ratio Lower Upper
79 100
108 76.8 59.2 88.8
77 62.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.042 ng
RT: 7.093 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 45 Resp: 638452
Ion Ratio Lower Upper
45 100
77 47.4 27.4 67.4
79 43.7 24.4 64.4

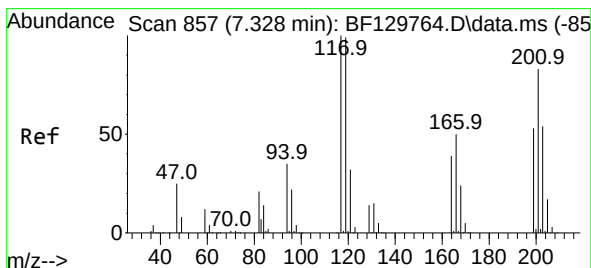
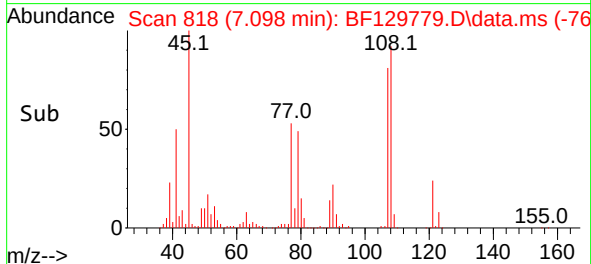
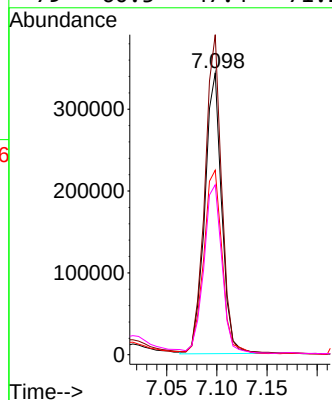
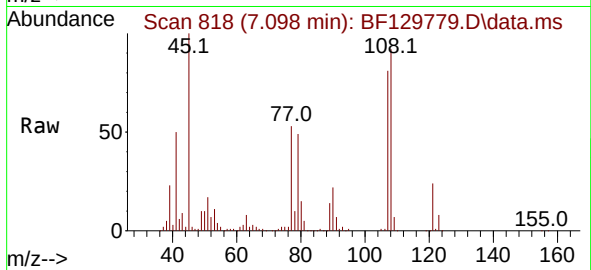




#17
2-Methylphenol
Concen: 42.809 ng
RT: 7.098 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

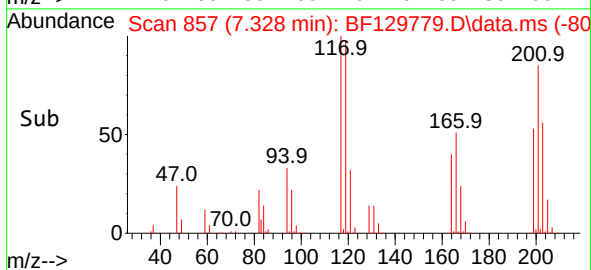
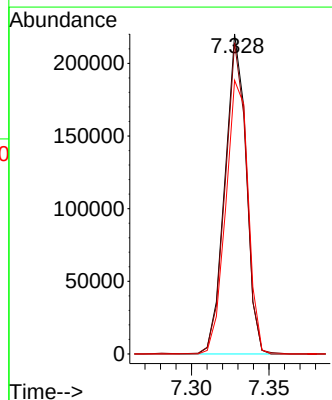
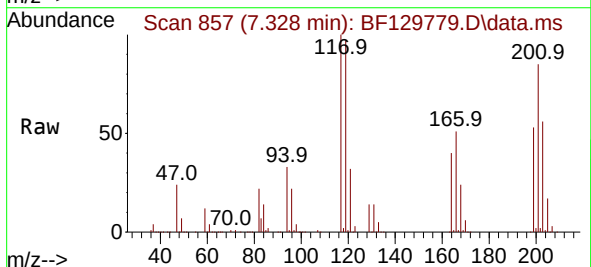
Instrument :
BNA_F
ClientSampleId :
PB146737BS

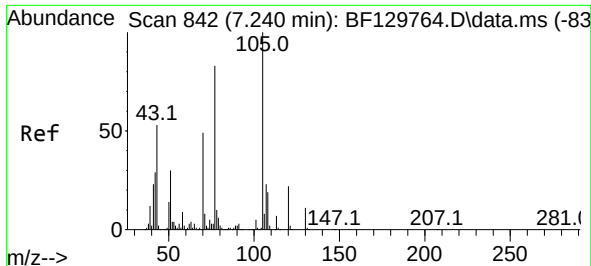
Tgt Ion:	107	Resp:	406088
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.2	135.2
77	65.5	51.8	77.8
79	60.3	47.4	71.2



#18
Hexachloroethane
Concen: 42.936 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:	117	Resp:	210120
Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.1	118.7
201	85.5	66.6	100.0



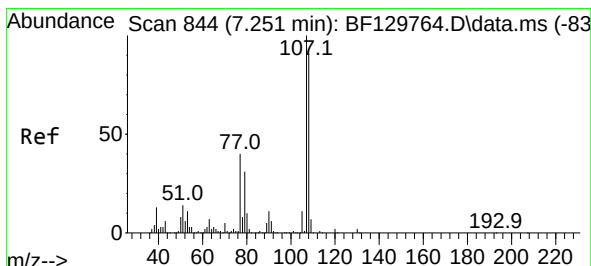
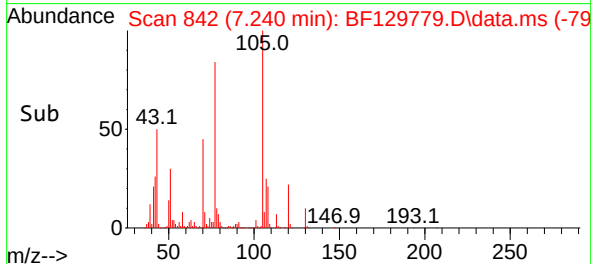
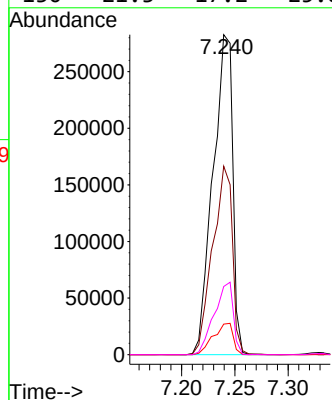
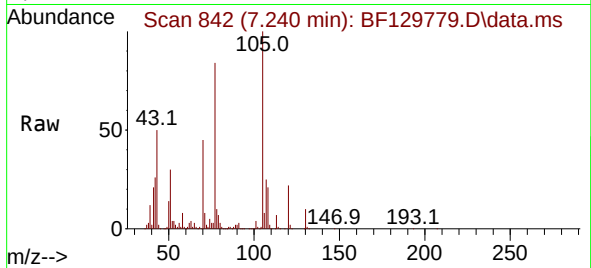


#19
n-Nitroso-di-n-propylamine
Concen: 43.257 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Instrument :
BNA_F
ClientSampleId :
PB146737BS

Tgt Ion: 70 Resp: 363366

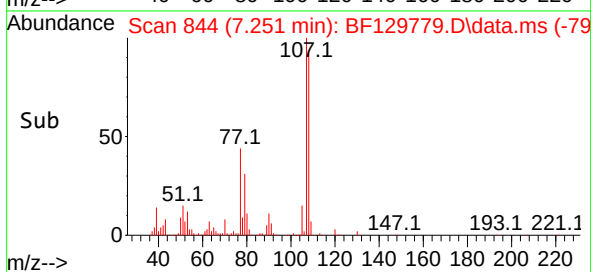
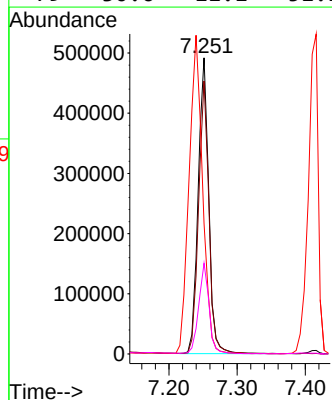
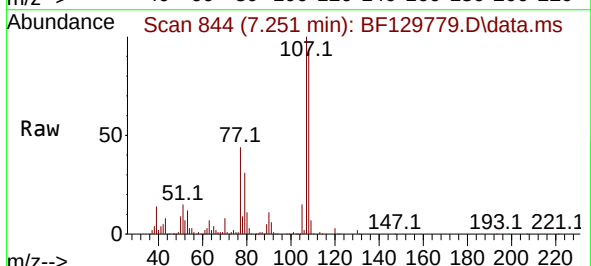
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.6	71.4
101	9.6	8.1	12.1
130	21.3	17.2	25.8

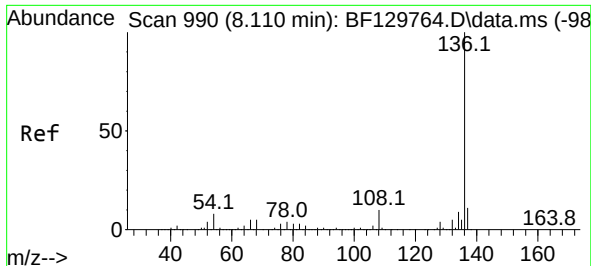


#20
3+4-Methylphenols
Concen: 41.838 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 107 Resp: 532744

Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.3	111.3
77	44.1	20.4	60.4
79	30.6	11.1	51.1



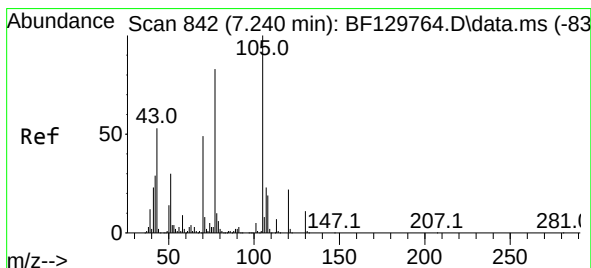
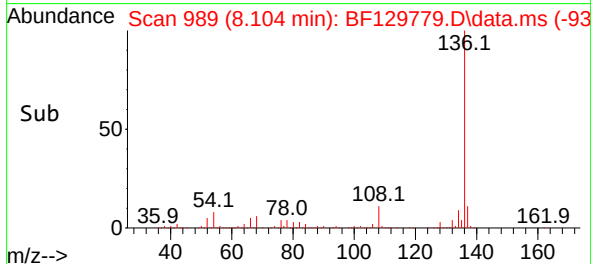
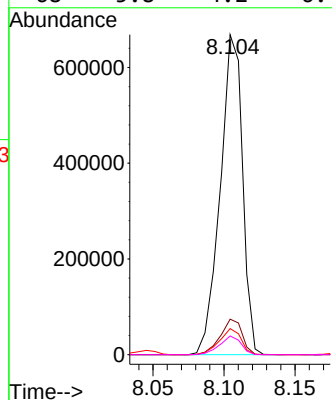
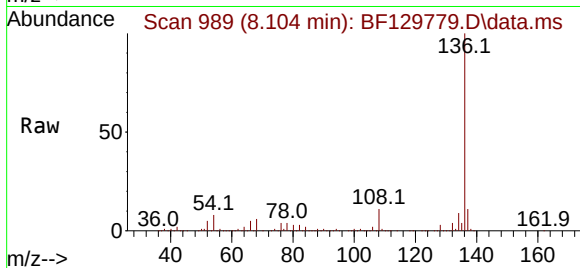


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Instrument :
BNA_F
ClientSampleId :
PB146737BS

Tgt Ion:136 Resp: 729847

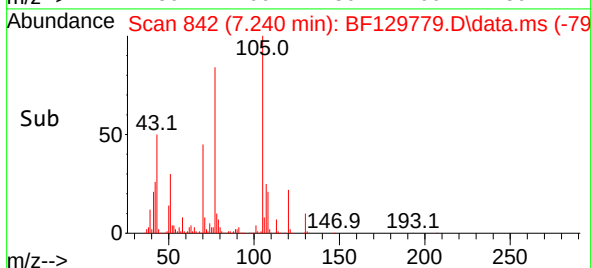
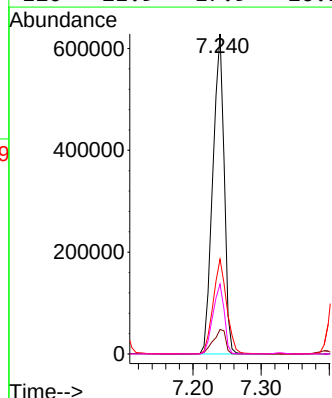
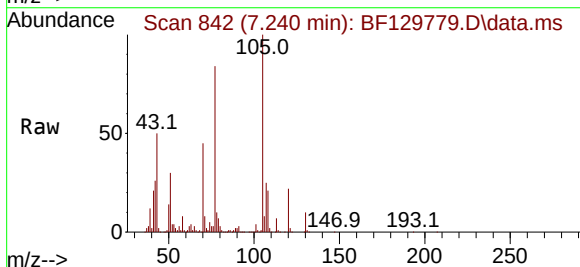
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.2	6.2	9.2
68	5.8	4.2	6.4

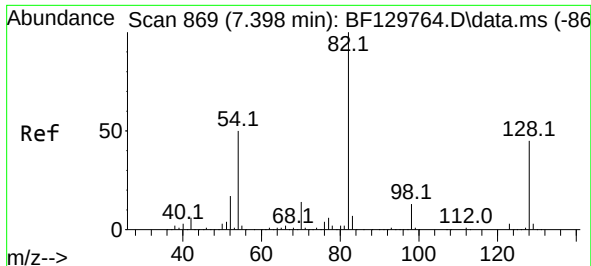


#22
Acetophenone
Concen: 41.015 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:105 Resp: 729480

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.6	9.8
51	29.6	23.8	35.8
120	21.9	17.9	26.9





#23

Nitrobenzene-d5

Concen: 76.290 ng

RT: 7.398 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

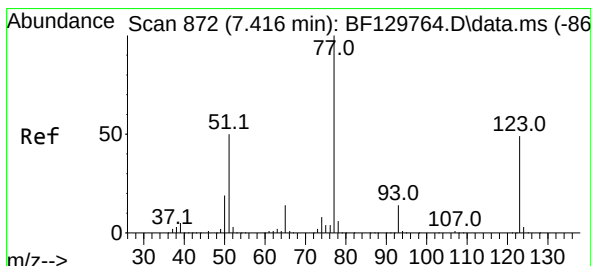
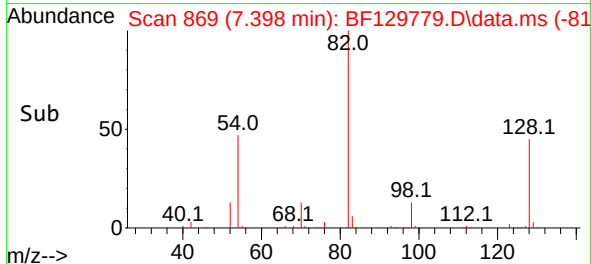
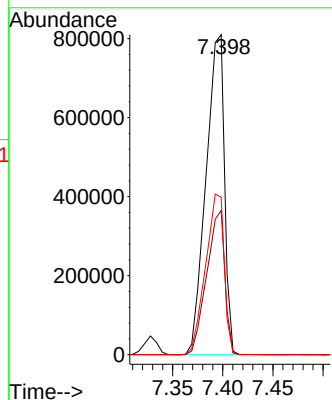
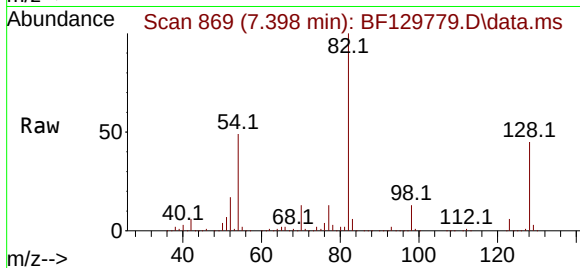
BNA_F

ClientSampleId :

PB146737BS

Tgt Ion: 82 Resp: 1040129

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	49.2	40.0	60.0



#24

Nitrobenzene

Concen: 39.196 ng

RT: 7.416 min Scan# 872

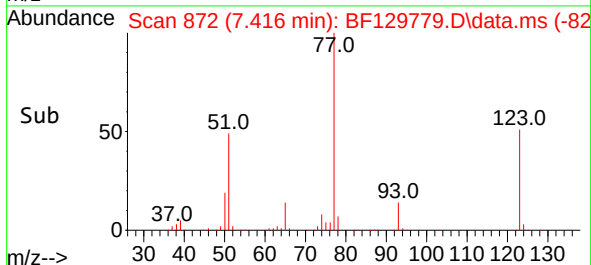
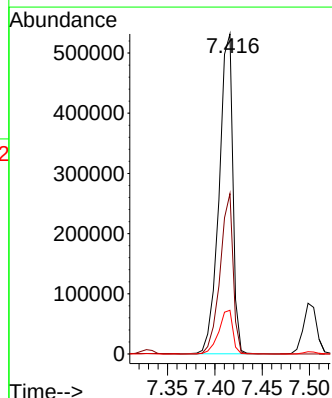
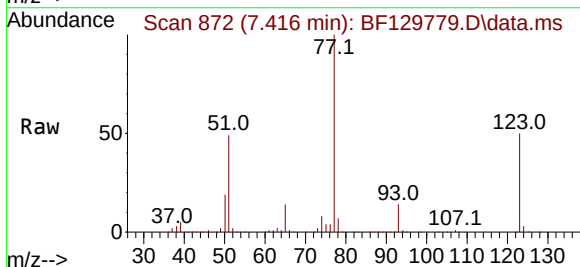
Delta R.T. 0.000 min

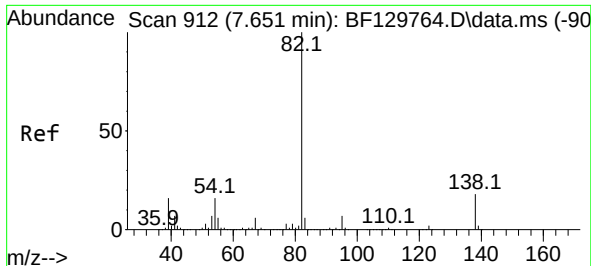
Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Tgt Ion: 77 Resp: 538866

Ion	Ratio	Lower	Upper
77	100		
123	50.1	39.2	58.8
65	13.7	11.1	16.7

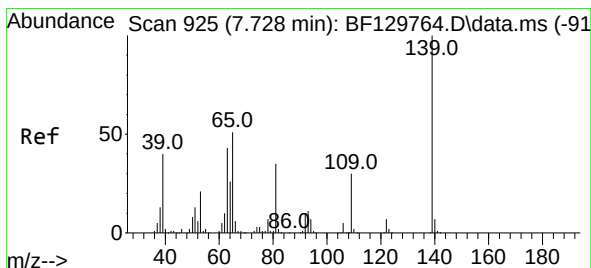
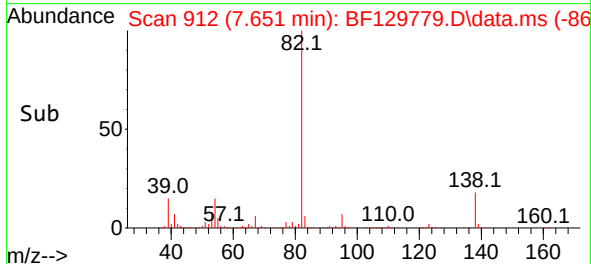
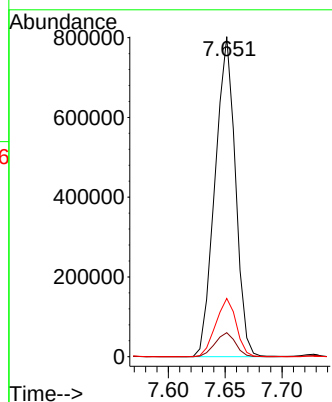
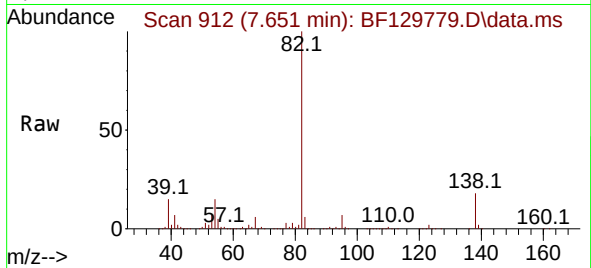




#25
Isophorone
Concen: 42.634 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

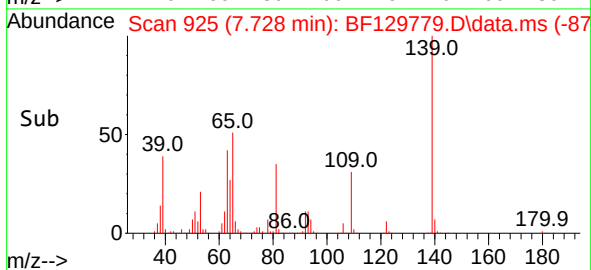
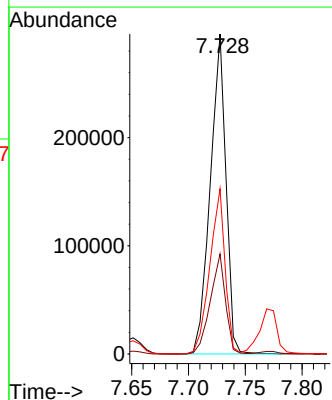
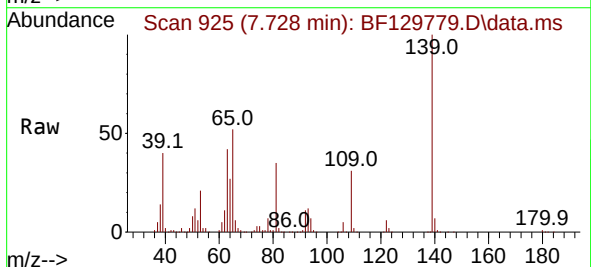
Instrument :
BNA_F
ClientSampleId :
PB146737BS

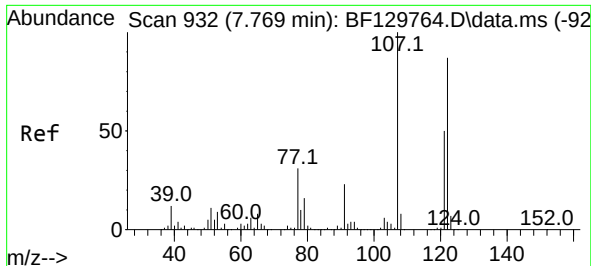
Tgt Ion: 82 Resp: 1000448
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.2 14.6 21.8



#26
2-Nitrophenol
Concen: 41.916 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:139 Resp: 283450
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 51.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.147 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

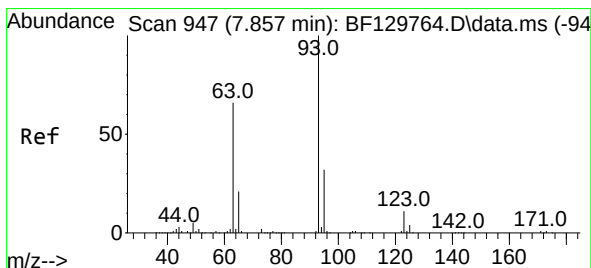
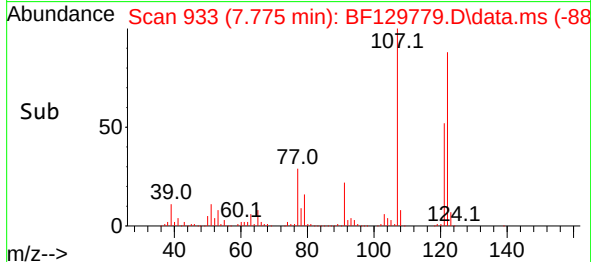
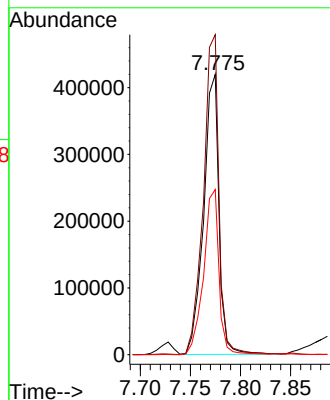
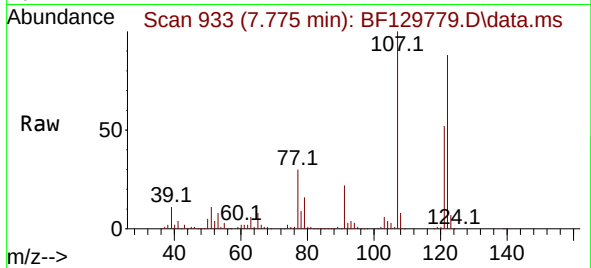
Tgt Ion:122 Resp: 447528

Ion Ratio Lower Upper

122 100

107 114.2 92.2 138.4

121 58.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.073 ng

RT: 7.857 min Scan# 947

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

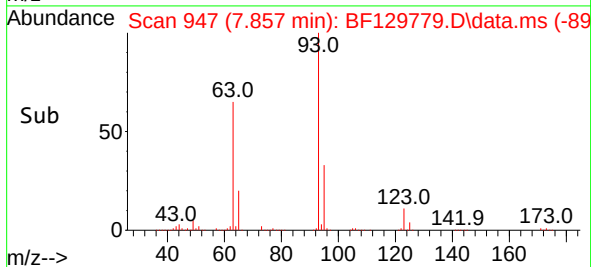
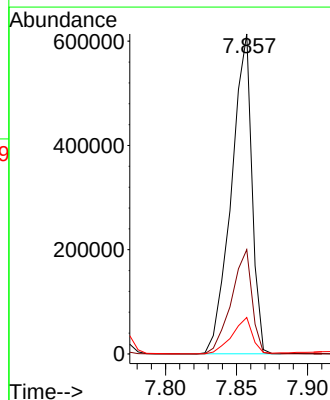
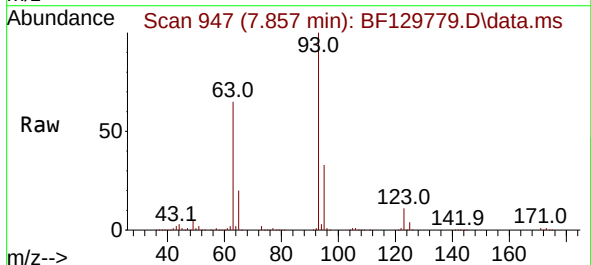
Tgt Ion: 93 Resp: 617560

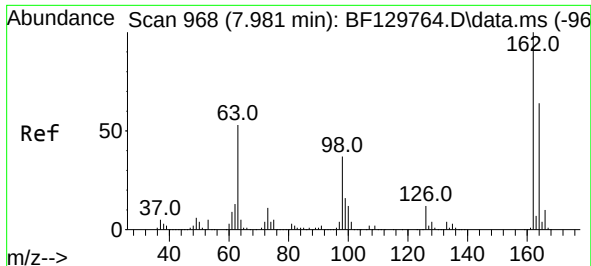
Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.799 ng

RT: 7.981 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF129779.D

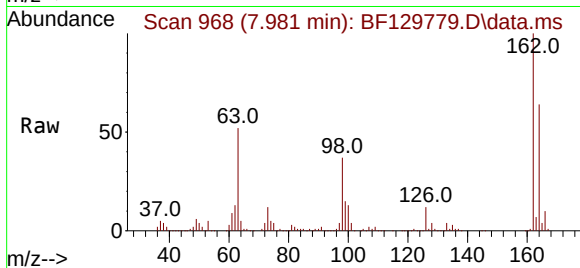
Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS



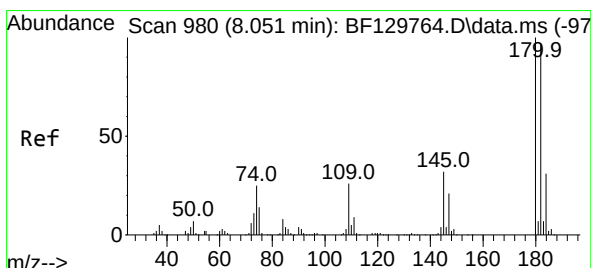
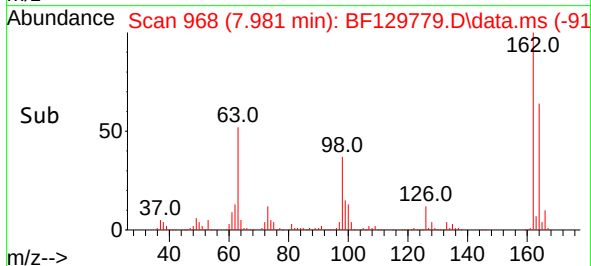
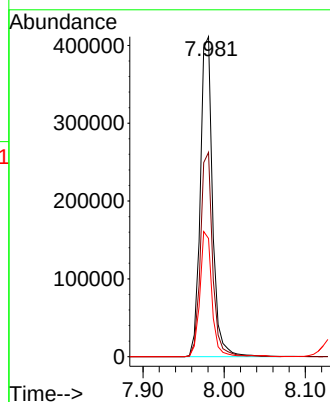
Tgt Ion:162 Resp: 432651

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

98 37.0 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.108 ng

RT: 8.045 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

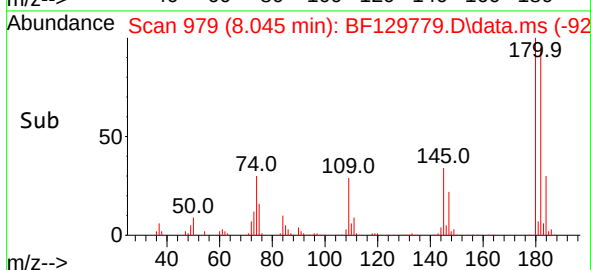
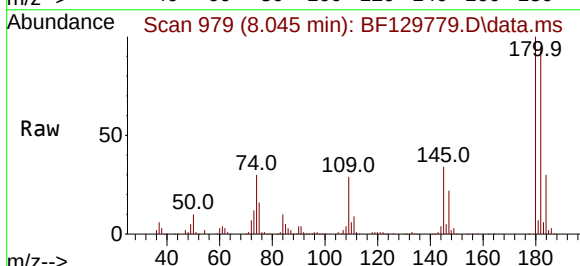
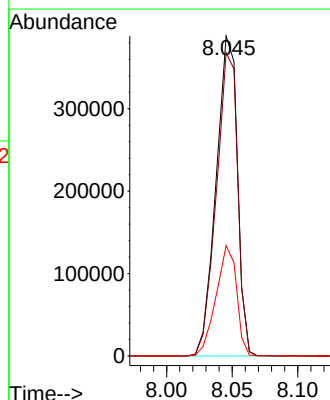
Tgt Ion:180 Resp: 437506

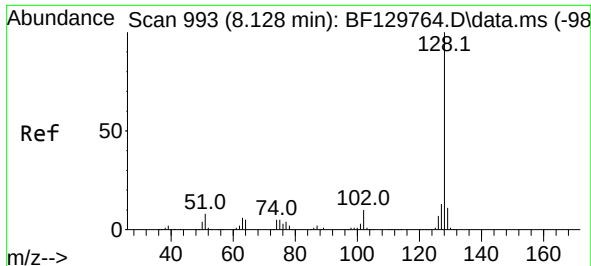
Ion Ratio Lower Upper

180 100

182 94.8 77.6 116.4

145 34.5 25.6 38.4

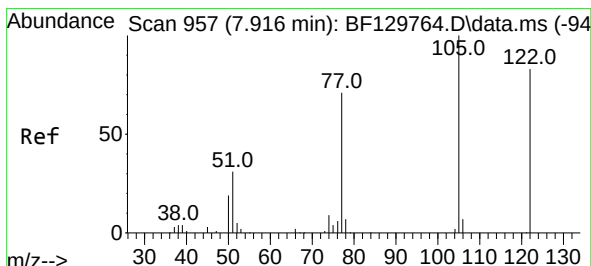
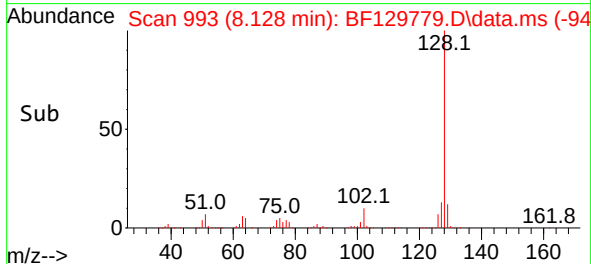
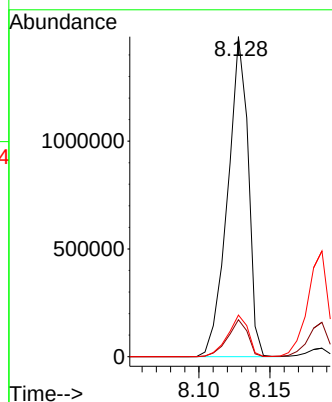
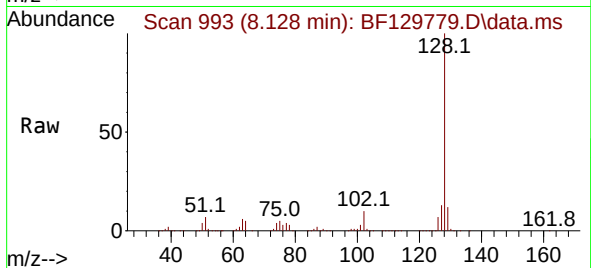




#31
Naphthalene
Concen: 39.126 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

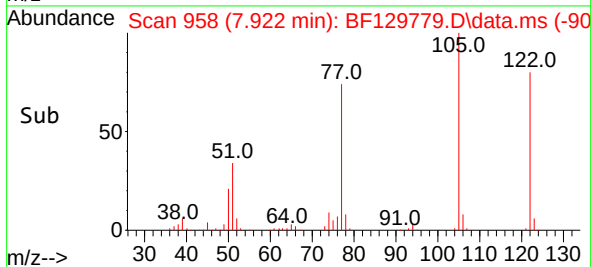
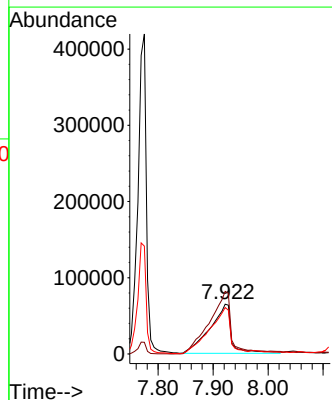
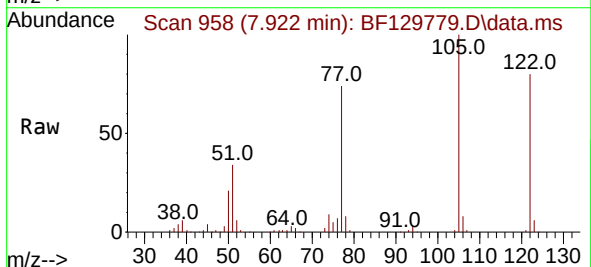
Instrument :
BNA_F
ClientSampleId :
PB146737BS

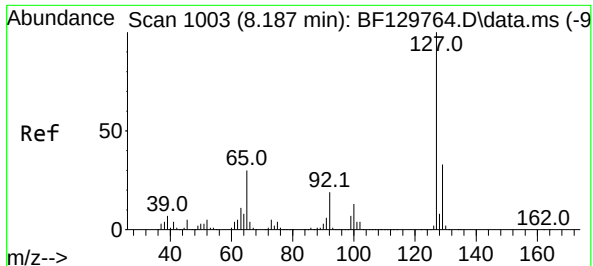
Tgt Ion:128 Resp: 1493085
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 42.171 ng
RT: 7.922 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:122 Resp: 175972
Ion Ratio Lower Upper
122 100
105 125.8 99.9 139.9
77 93.2 65.9 105.9





#33

4-Chloroaniline

Concen: 36.679 ng

RT: 8.187 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

Tgt Ion:127 Resp: 550427

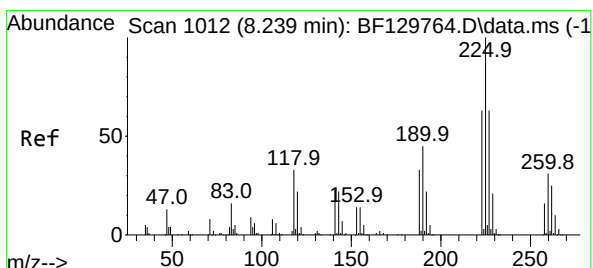
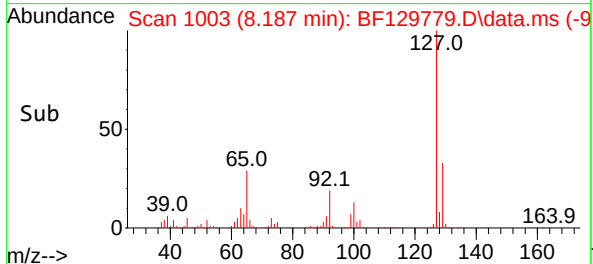
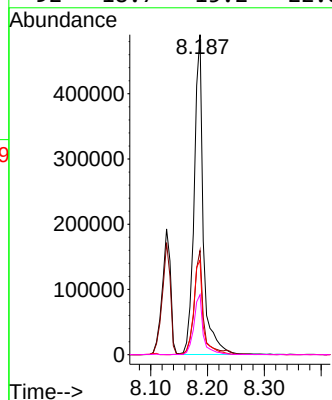
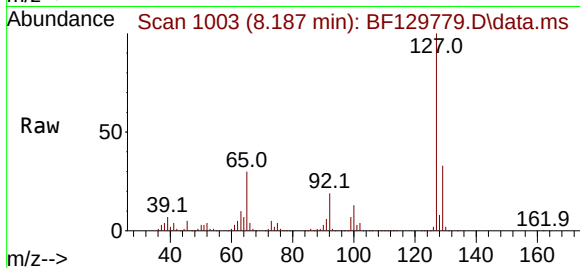
Ion Ratio Lower Upper

127 100

129 32.5 26.7 40.1

65 29.5 24.2 36.2

92 18.7 15.2 22.8



#34

Hexachlorobutadiene

Concen: 39.372 ng

RT: 8.239 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

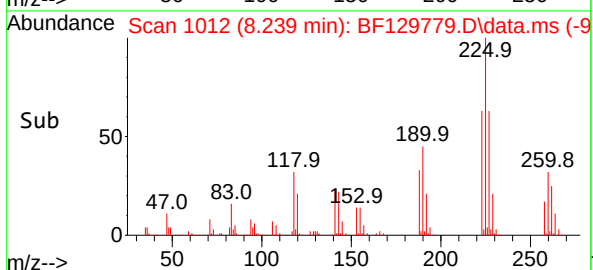
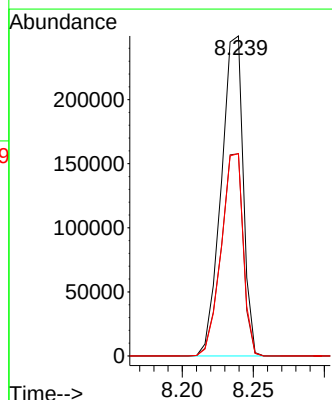
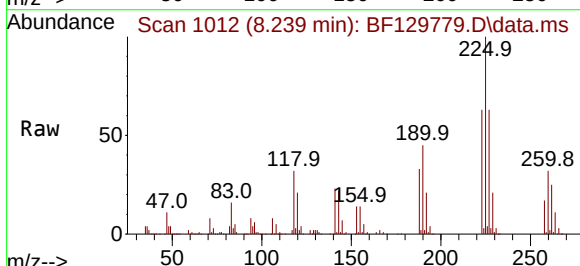
Tgt Ion:225 Resp: 268200

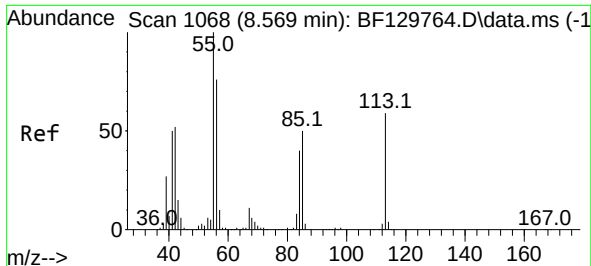
Ion Ratio Lower Upper

225 100

223 63.2 50.2 75.2

227 63.2 50.6 75.8

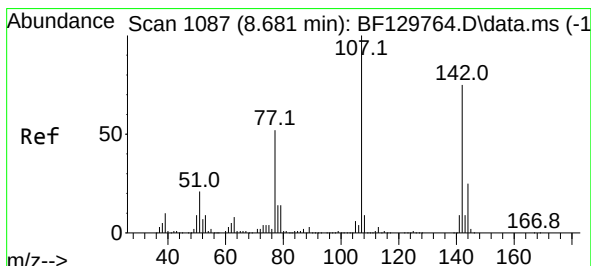
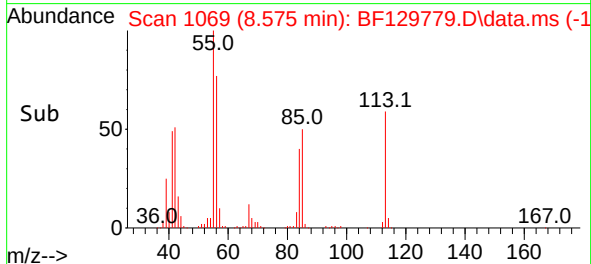
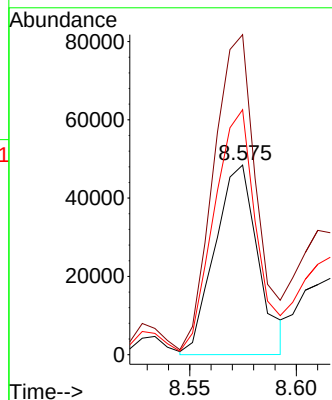
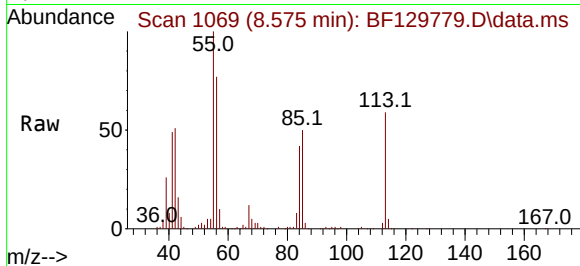




#35
 Caprolactam
 Concen: 20.642 ng
 RT: 8.575 min Scan# 1069
 Delta R.T. 0.006 min
 Lab File: BF129779.D
 Acq: 15 Aug 2022 00:03

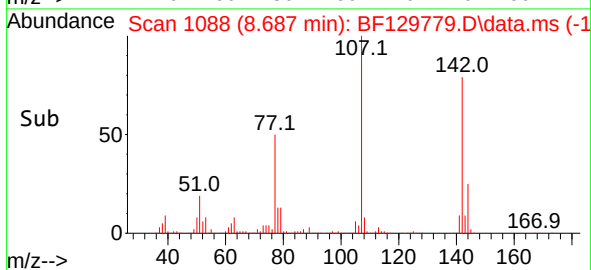
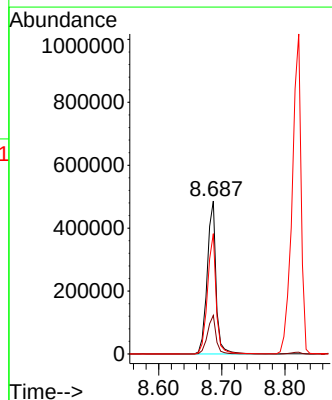
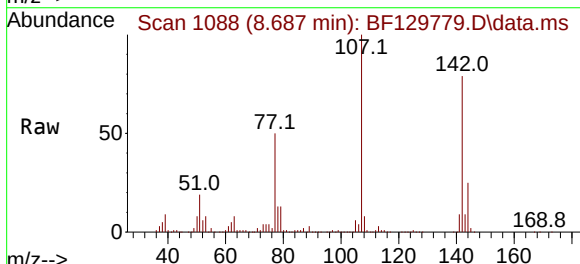
Instrument :
 BNA_F
 ClientSampleId :
 PB146737BS

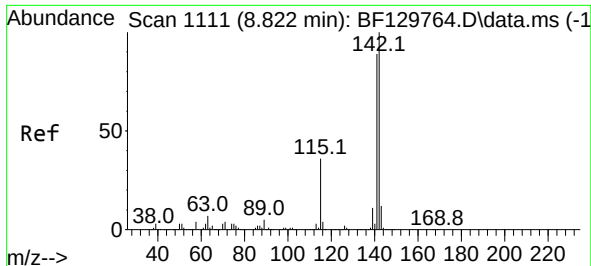
Tgt Ion:113 Resp: 68071
 Ion Ratio Lower Upper
 113 100
 55 168.8 148.8 188.8
 56 129.3 109.1 149.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.543 ng
 RT: 8.687 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF129779.D
 Acq: 15 Aug 2022 00:03

Tgt Ion:107 Resp: 475256
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.9 29.9
 142 78.7 60.2 90.4





#37

2-Methylnaphthalene

Concen: 39.552 ng

RT: 8.822 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

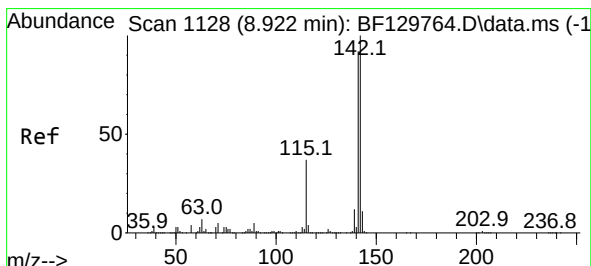
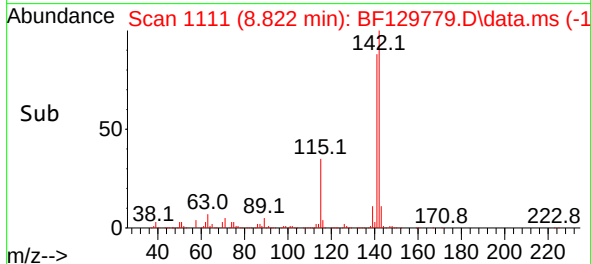
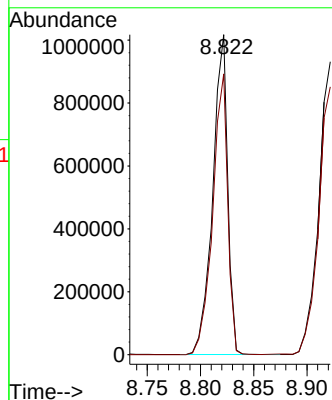
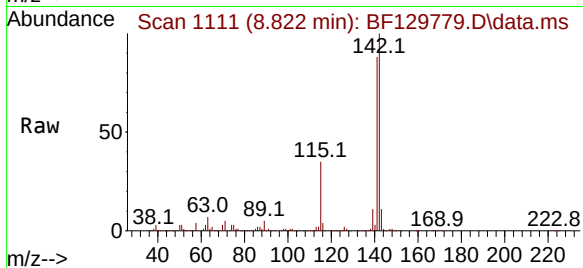
PB146737BS

Tgt Ion:142 Resp: 990630

Ion Ratio Lower Upper

142 100

141 87.8 70.9 106.3



#38

1-Methylnaphthalene

Concen: 38.945 ng

RT: 8.922 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF129779.D

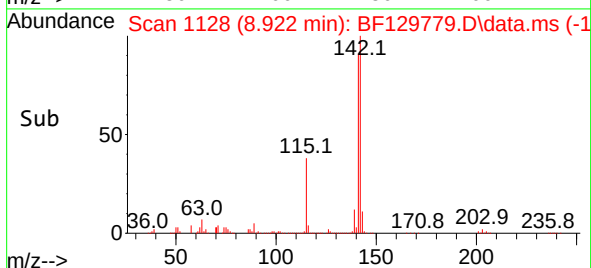
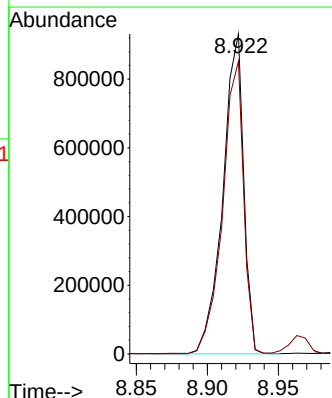
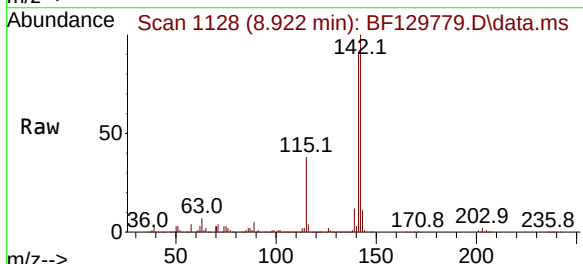
Acq: 15 Aug 2022 00:03

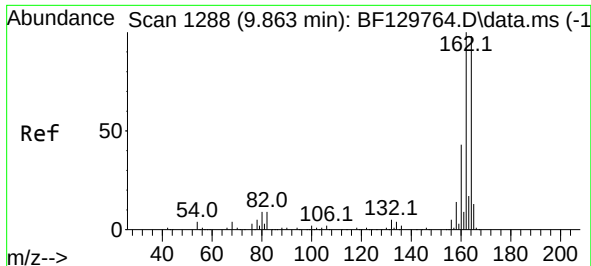
Tgt Ion:142 Resp: 947965

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3

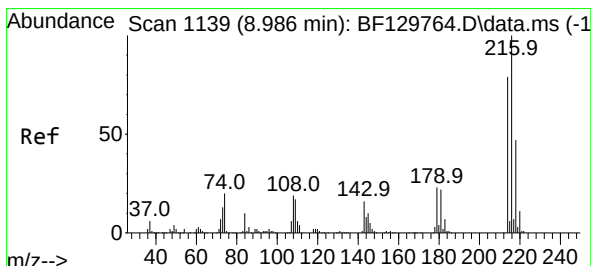
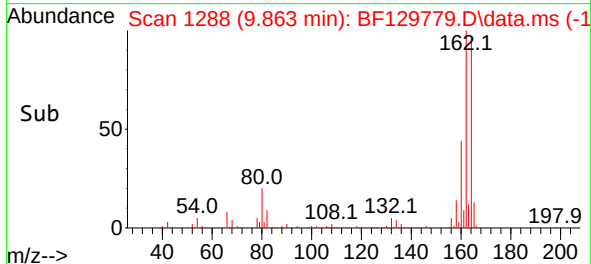
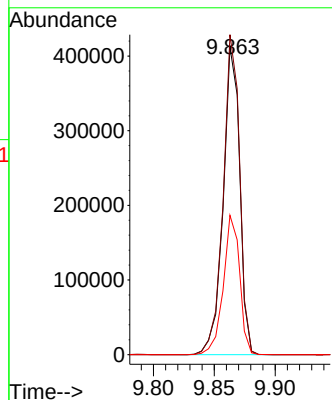
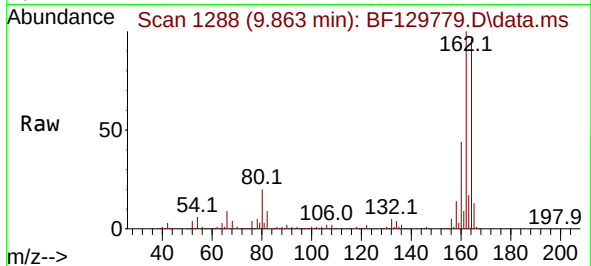




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

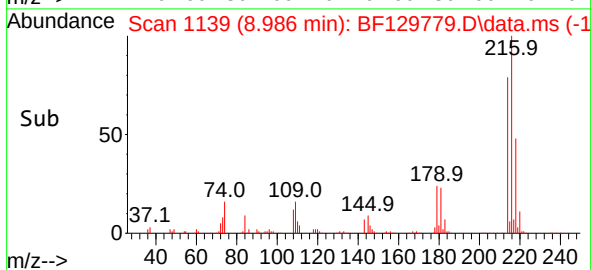
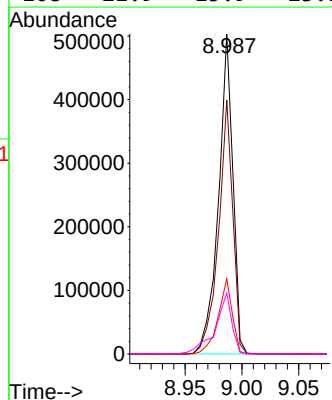
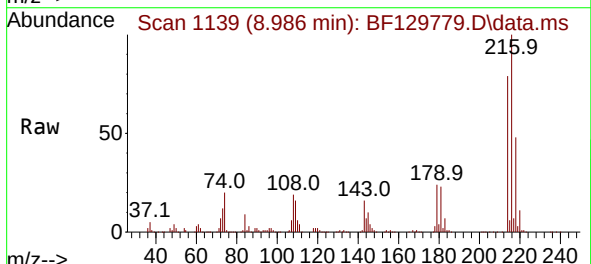
Instrument :
BNA_F
ClientSampleId :
PB146737BS

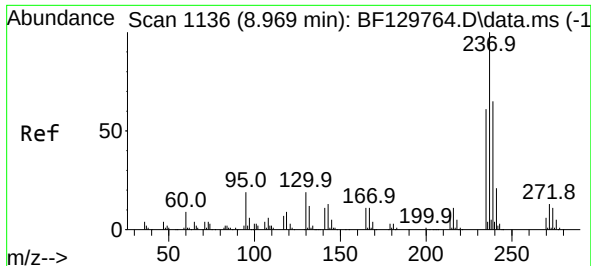
Tgt Ion:164 Resp: 390825
Ion Ratio Lower Upper
164 100
162 104.0 82.0 123.0
160 45.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.859 ng
RT: 8.986 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:216 Resp: 444142
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 23.2 18.1 27.1
108 21.9 15.9 23.9

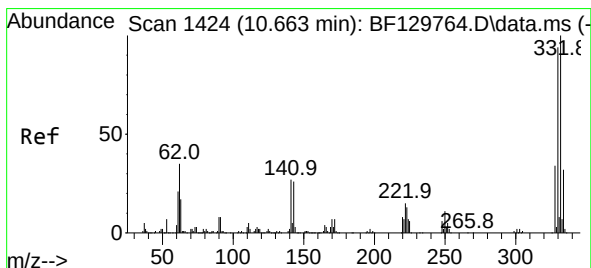
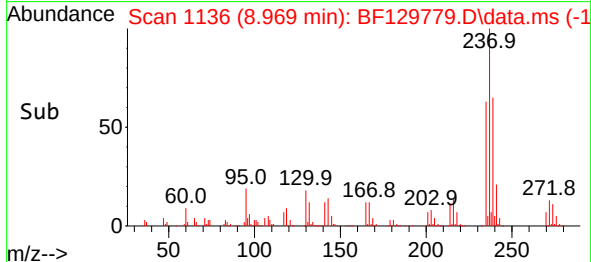
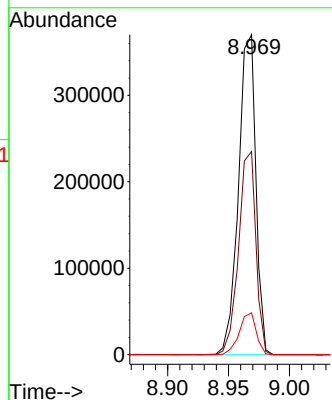
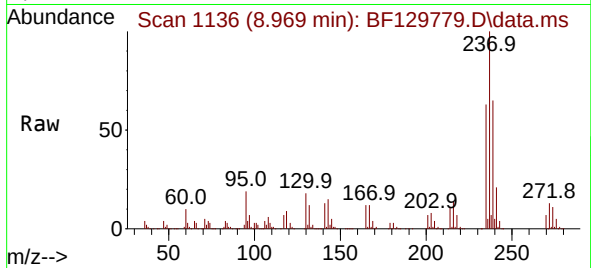




#41
Hexachlorocyclopentadiene
Concen: 94.125 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

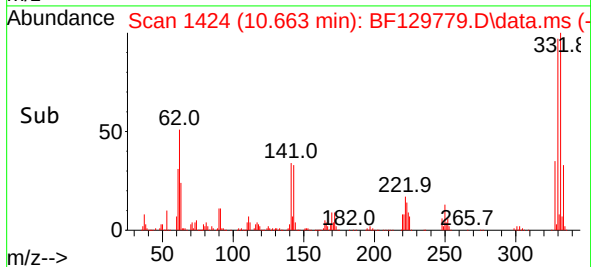
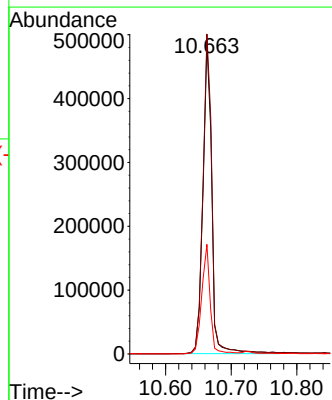
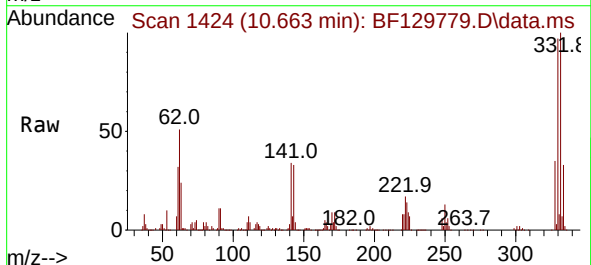
Instrument :
BNA_F
ClientSampleId :
PB146737BS

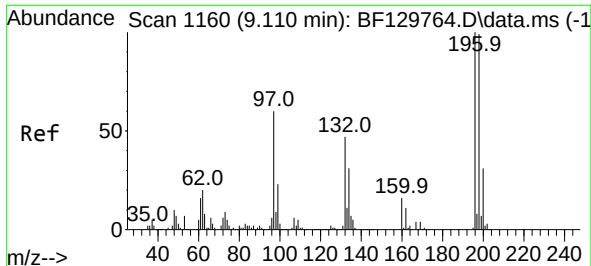
Tgt Ion:237 Resp: 367620
Ion Ratio Lower Upper
237 100
235 63.5 41.5 81.5
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 117.209 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:330 Resp: 459755
Ion Ratio Lower Upper
330 100
332 104.9 82.6 124.0
141 33.8 27.6 41.4

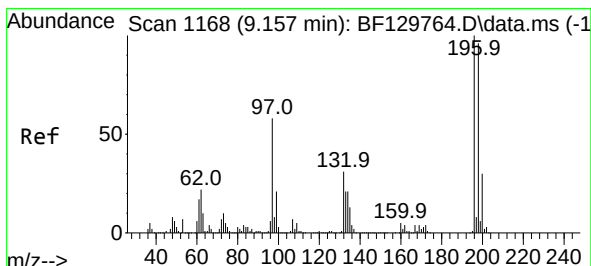
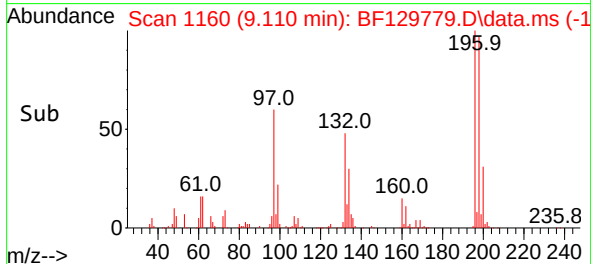
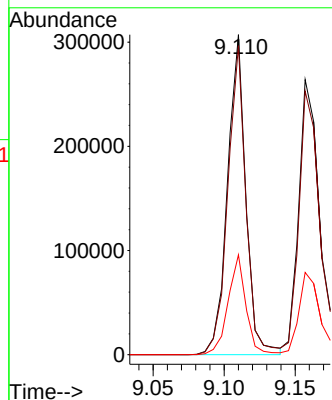
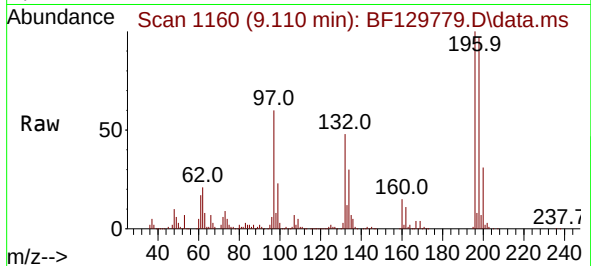




#43
2,4,6-Trichlorophenol
Concen: 39.093 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

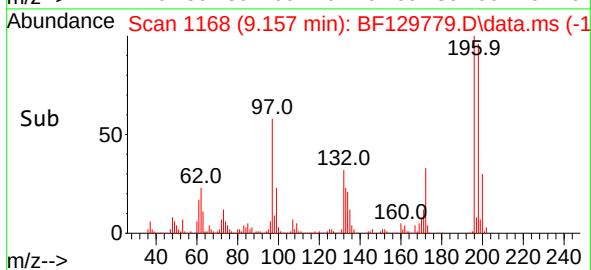
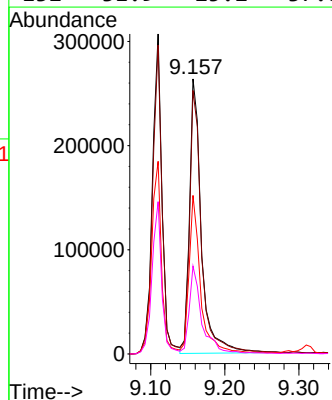
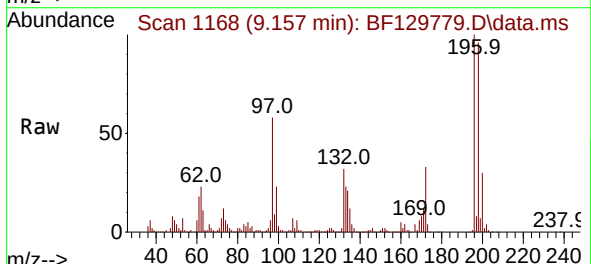
Instrument :
BNA_F
ClientSampleId :
PB146737BS

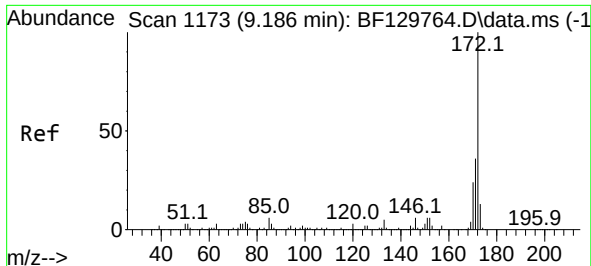
Tgt Ion:196 Resp: 276097
Ion Ratio Lower Upper
196 100
198 96.5 79.0 118.4
200 31.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 38.754 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:196 Resp: 294466
Ion Ratio Lower Upper
196 100
198 95.8 76.4 114.6
97 57.6 46.5 69.7
132 31.9 25.2 37.8

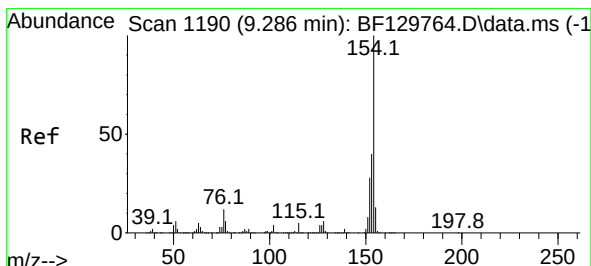
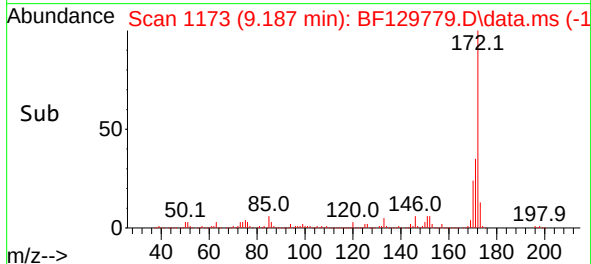
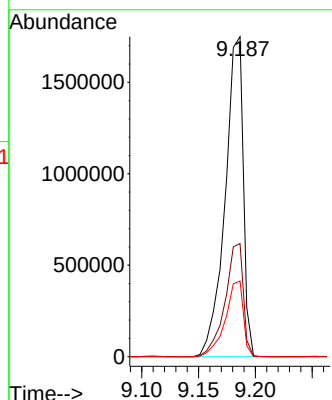
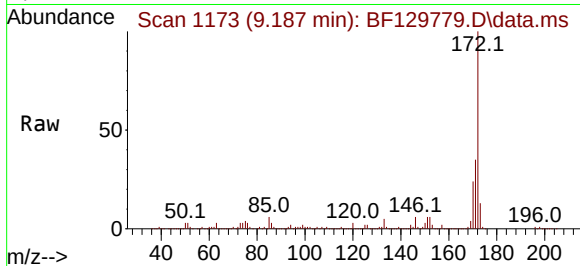




#45
2-Fluorobiphenyl
Concen: 75.767 ng
RT: 9.187 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

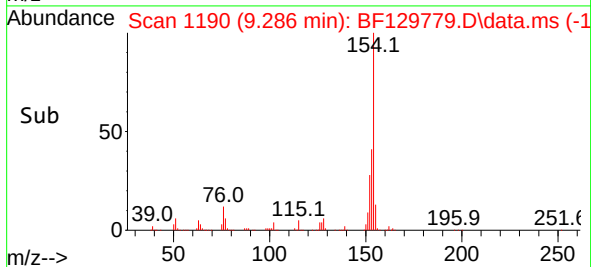
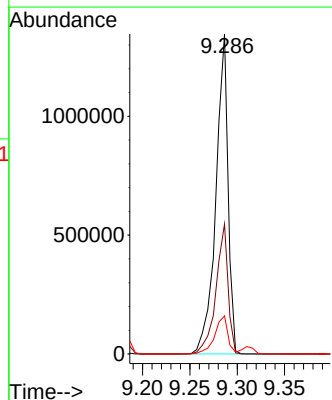
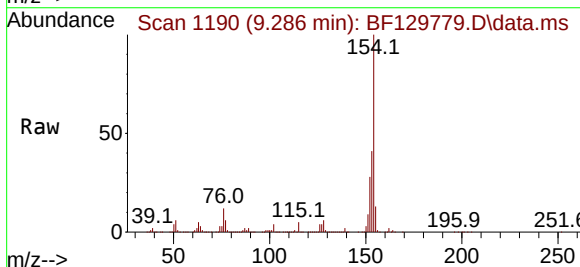
Instrument :
BNA_F
ClientSampleId :
PB146737BS

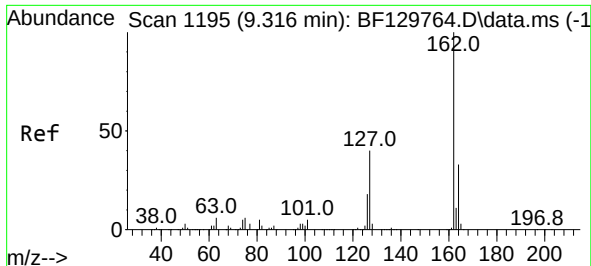
Tgt Ion:172 Resp: 1949671
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 40.753 ng
RT: 9.286 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:154 Resp: 1209984
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 11.9 0.0 32.1

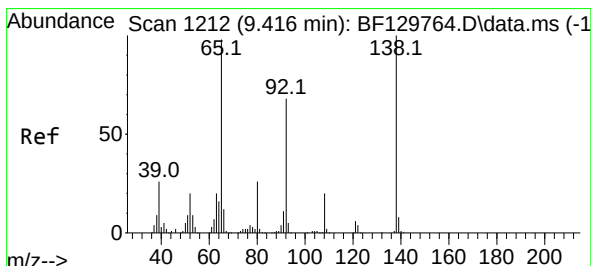
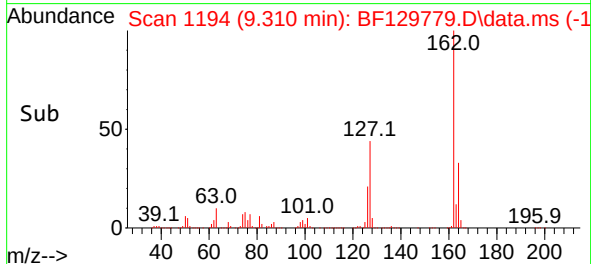
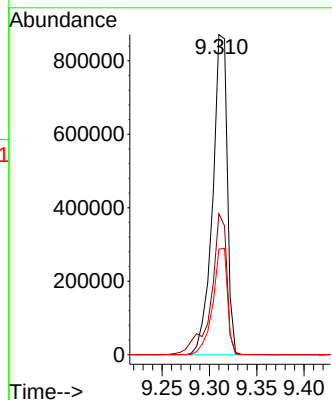
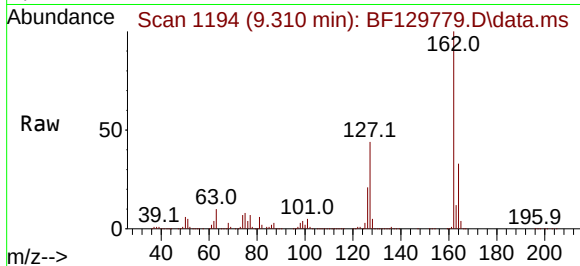




#47
2-Chloronaphthalene
Concen: 39.759 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

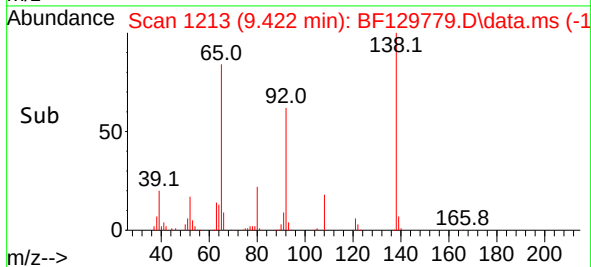
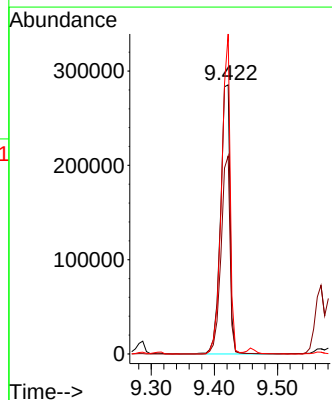
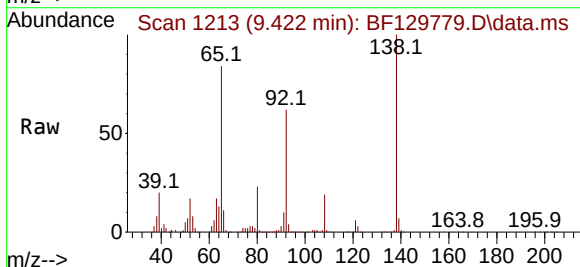
Instrument :
BNA_F
ClientSampleId :
PB146737BS

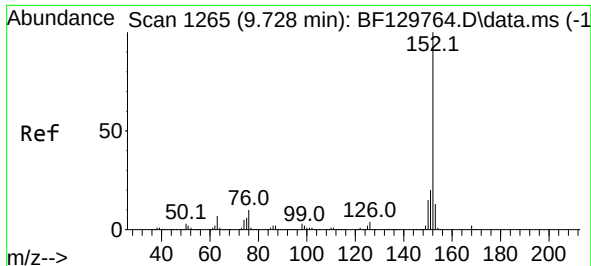
Tgt Ion:162 Resp: 934021
Ion Ratio Lower Upper
162 100
127 44.1 33.1 49.7
164 33.0 26.7 40.1



#48
2-Nitroaniline
Concen: 40.275 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 65 Resp: 299002
Ion Ratio Lower Upper
65 100
92 73.6 55.0 82.4
138 118.9 81.3 121.9

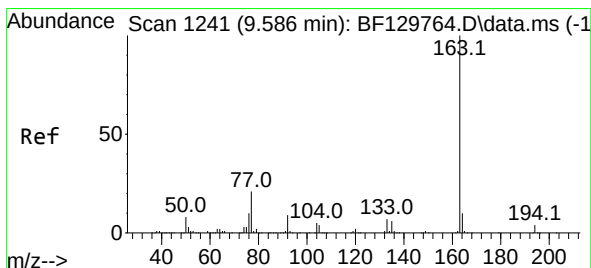
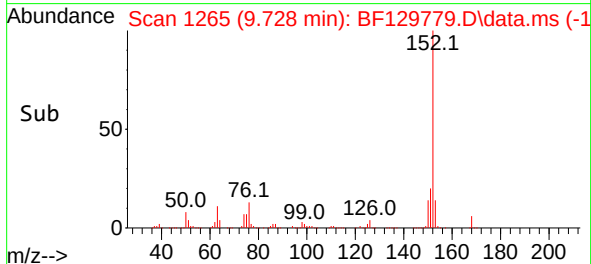
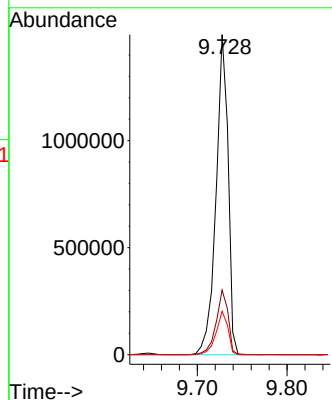
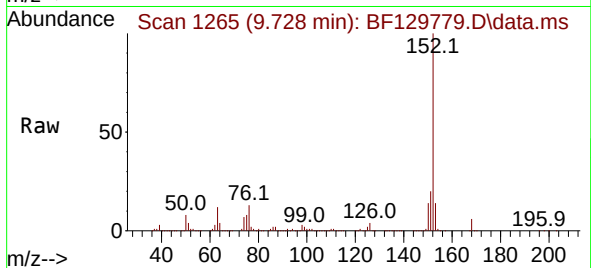




#49
Acenaphthylene
Concen: 39.201 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

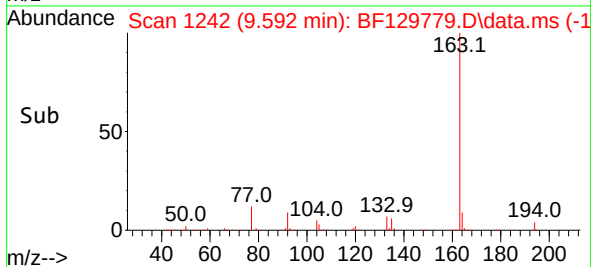
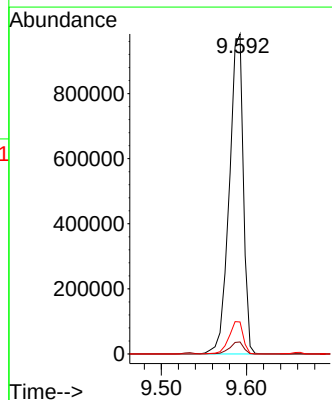
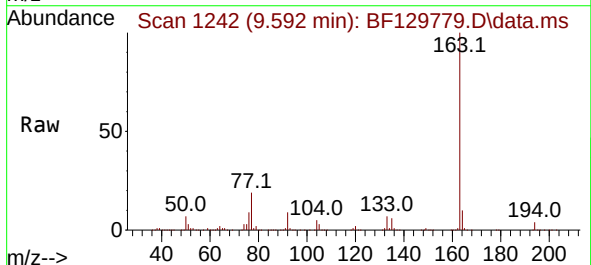
Instrument :
BNA_F
ClientSampleId :
PB146737BS

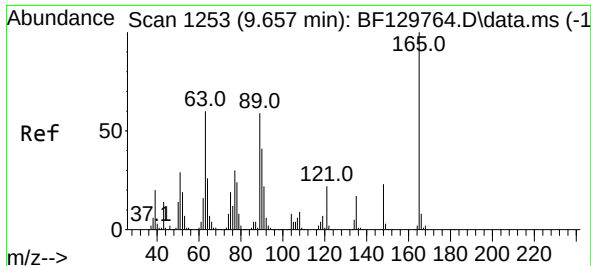
Tgt Ion:152 Resp: 1396485
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.6 10.6 16.0



#50
Dimethylphthalate
Concen: 39.882 ng
RT: 9.592 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:163 Resp: 1117373
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.805 ng

RT: 9.663 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

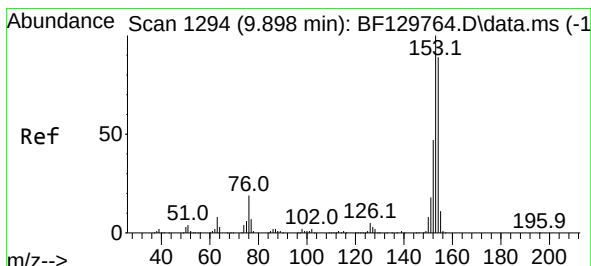
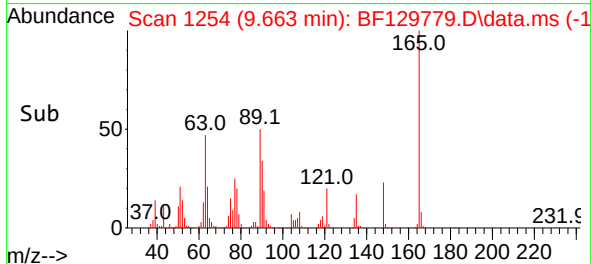
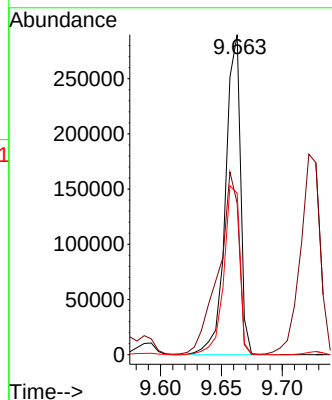
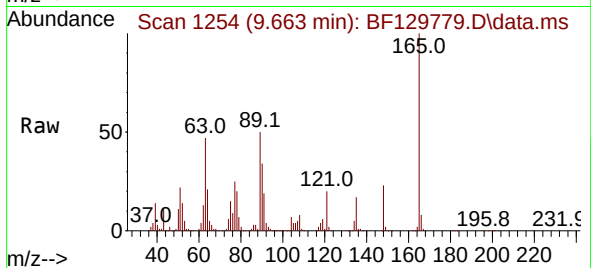
Tgt Ion:165 Resp: 247992

Ion Ratio Lower Upper

165 100

63 47.3 47.8 71.8#

89 50.4 47.2 70.8



#52

Acenaphthene

Concen: 39.243 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

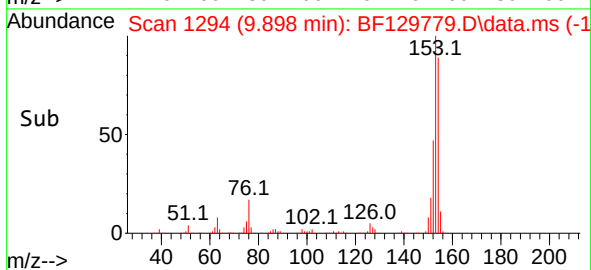
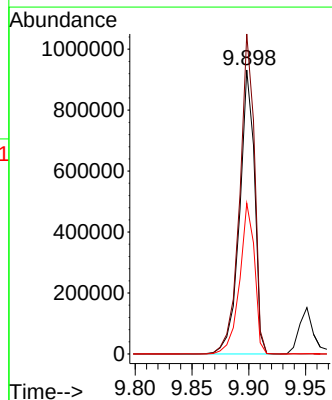
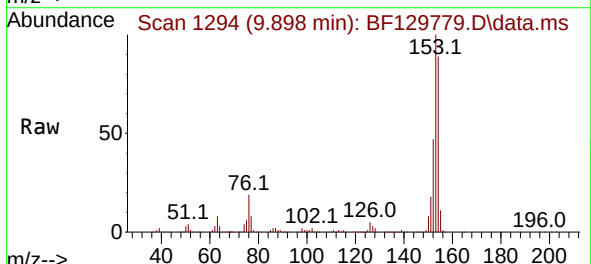
Tgt Ion:154 Resp: 848168

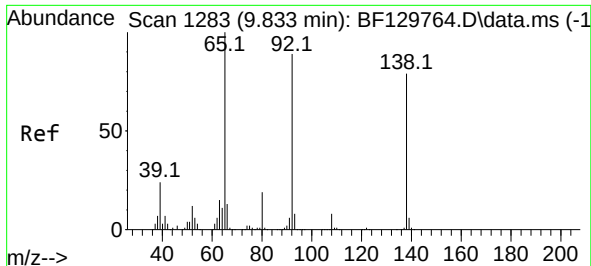
Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

152 53.0 42.1 63.1

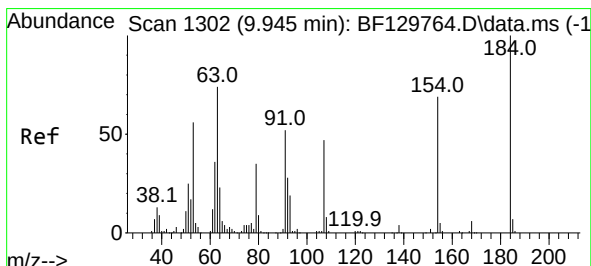
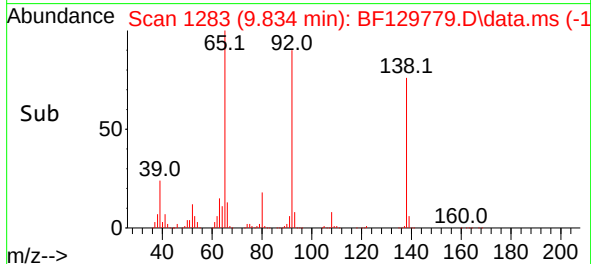
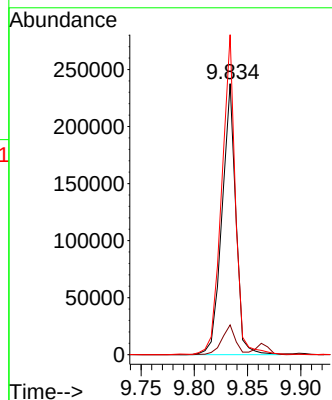
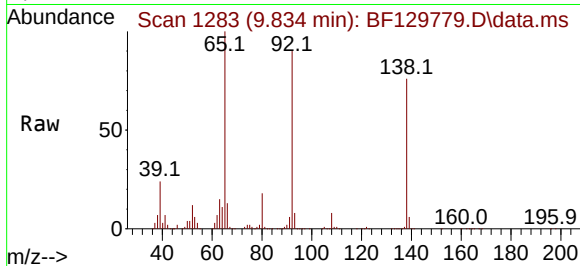




#53
3-Nitroaniline
Concen: 31.787 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

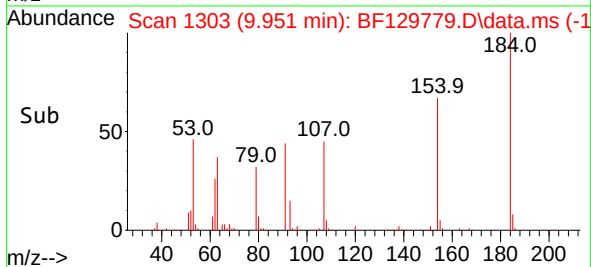
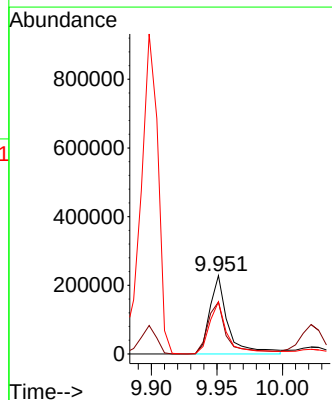
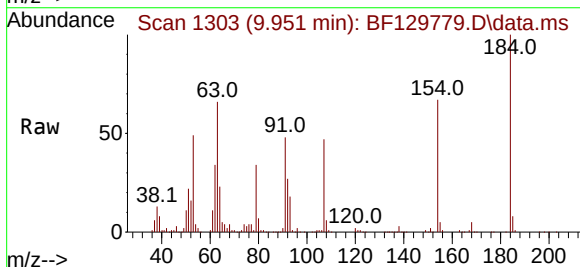
Instrument :
BNA_F
ClientSampleId :
PB146737BS

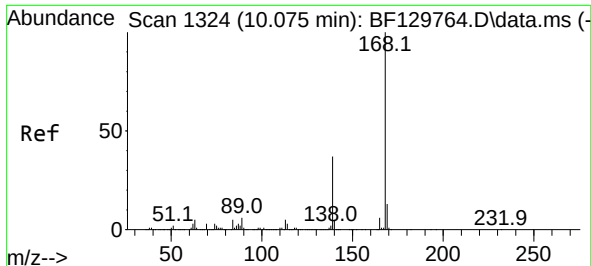
Tgt Ion:138 Resp: 213641
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 118.0 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 80.529 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:184 Resp: 221382
Ion Ratio Lower Upper
184 100
63 66.4 59.6 89.4
154 66.6 55.3 82.9

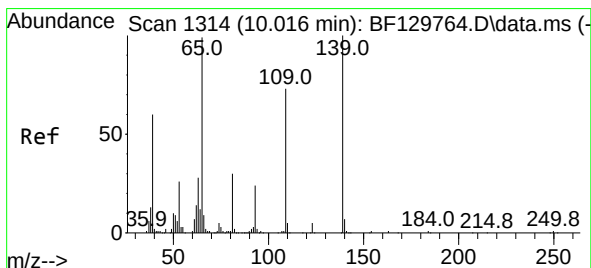
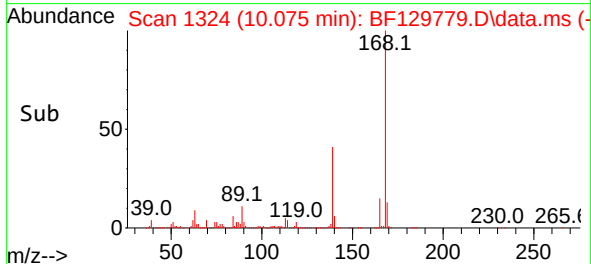
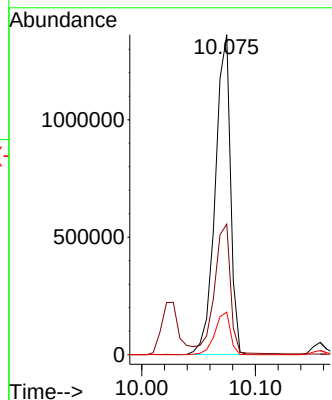
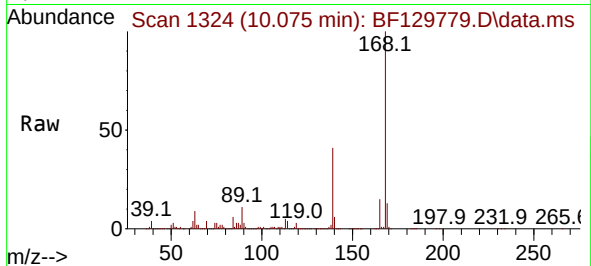




#55
Dibenzofuran
Concen: 39.119 ng
RT: 10.075 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

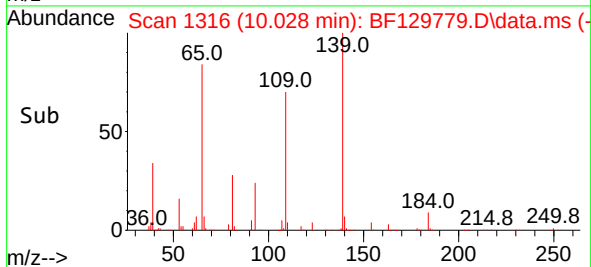
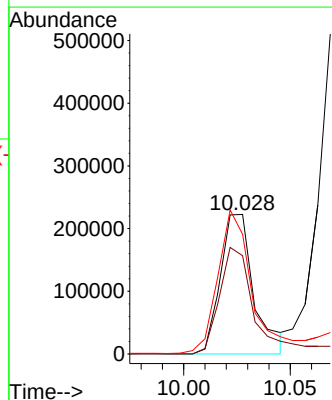
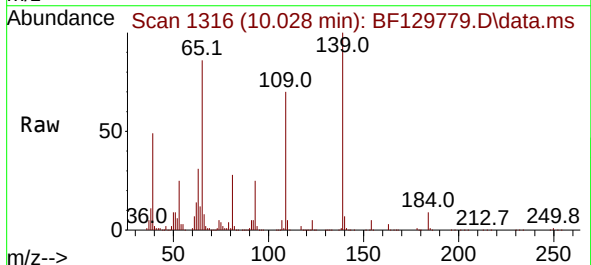
Instrument :
BNA_F
ClientSampleId :
PB146737BS

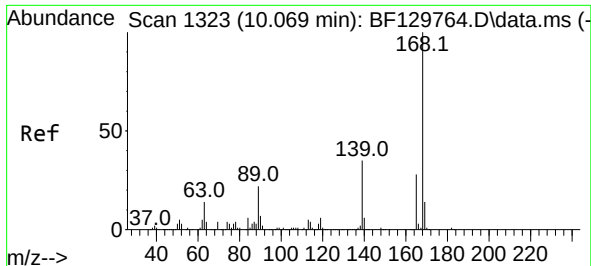
Tgt Ion:168 Resp: 1270193
Ion Ratio Lower Upper
168 100
139 40.8 31.3 46.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 81.558 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:139 Resp: 243862
Ion Ratio Lower Upper
139 100
109 70.4 52.9 92.9
65 85.8 79.5 119.5

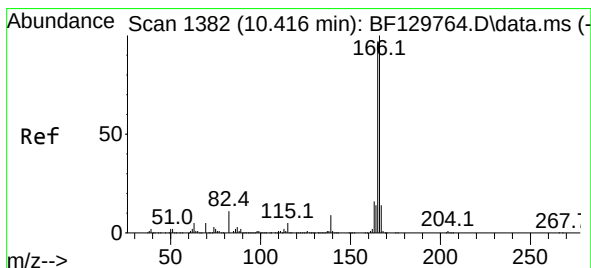
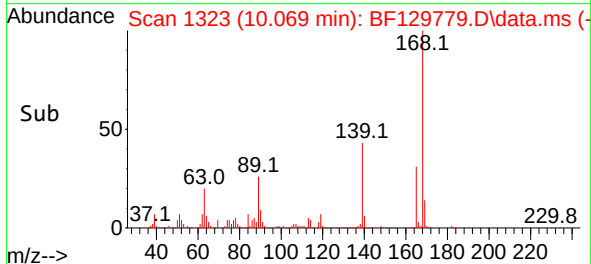
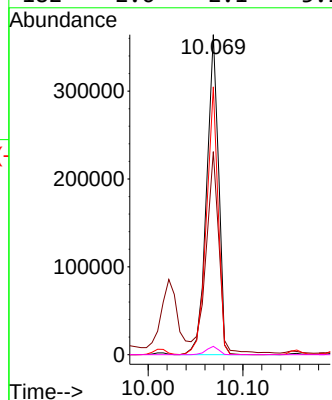
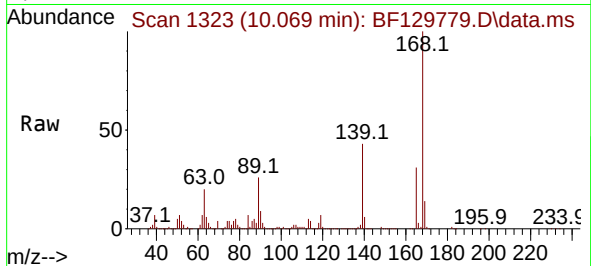




#57
2,4-Dinitrotoluene
Concen: 40.419 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

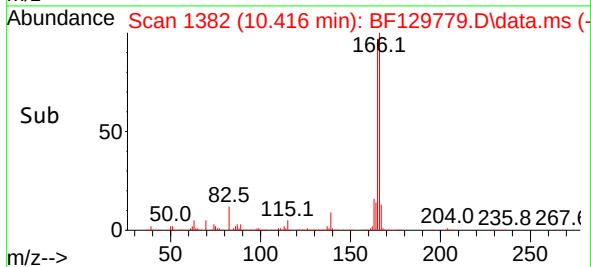
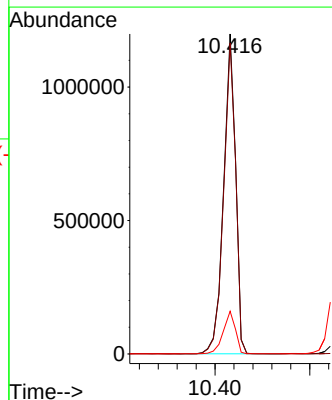
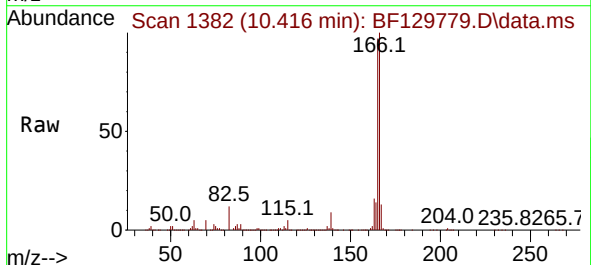
Instrument :
BNA_F
ClientSampleId :
PB146737BS

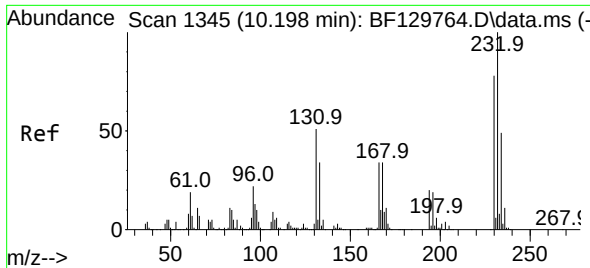
Tgt Ion:165 Resp: 318881
Ion Ratio Lower Upper
165 100
63 63.5 48.4 72.6
89 83.7 62.3 93.5
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.919 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:166 Resp: 1055166
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.3 11.0 16.4

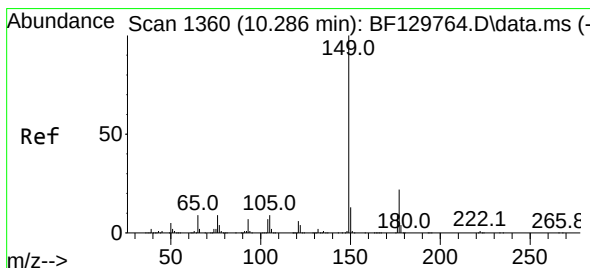
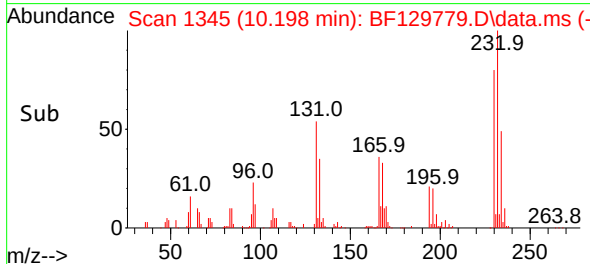
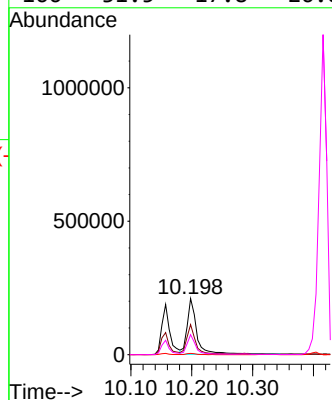
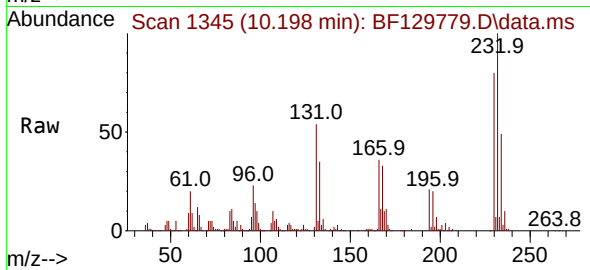




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.148 ng
RT: 10.198 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

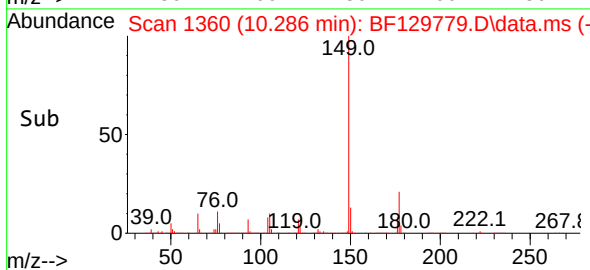
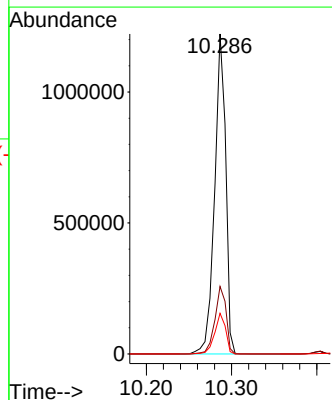
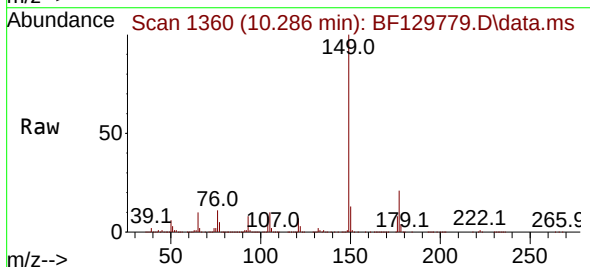
Instrument :
BNA_F
ClientSampleId :
PB146737BS

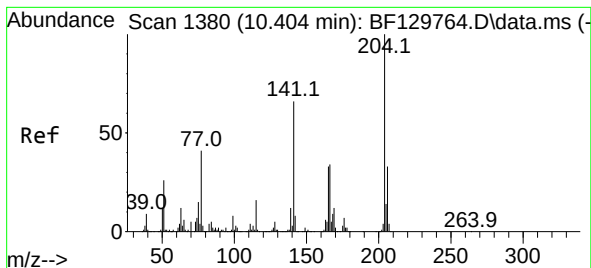
Tgt Ion:232 Resp: 229452
Ion Ratio Lower Upper
232 100
131 49.0 29.9 44.9#
130 2.3 1.5 2.3#
166 31.5 17.8 26.8#



#60
Diethylphthalate
Concen: 39.512 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:149 Resp: 1103807
Ion Ratio Lower Upper
149 100
177 21.1 17.7 26.5
150 12.7 10.1 15.1

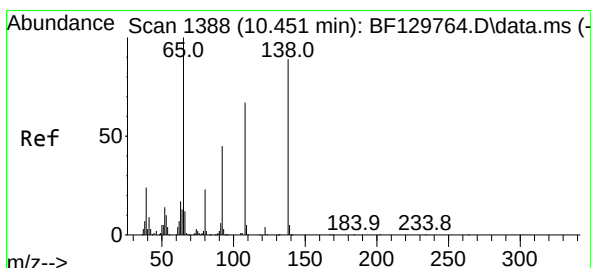
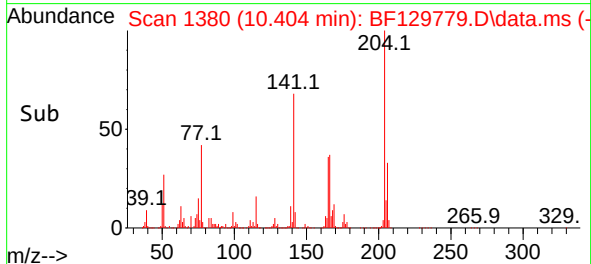
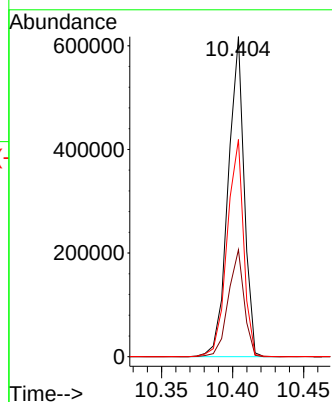
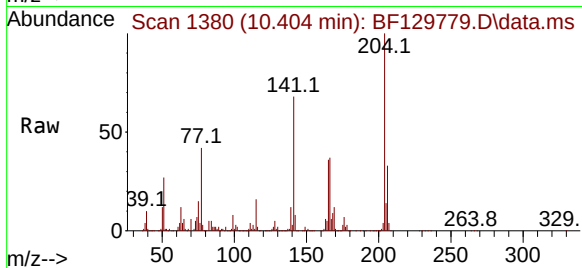




#61
4-Chlorophenyl-phenylether
Concen: 39.926 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

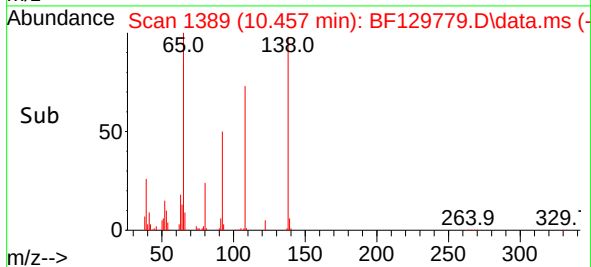
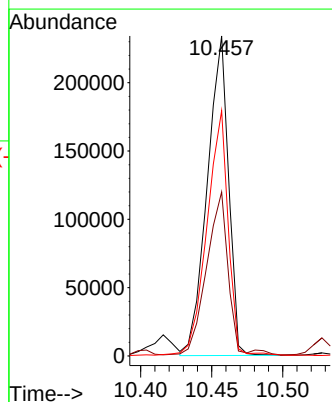
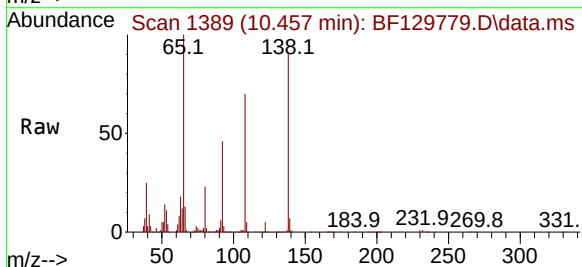
Instrument :
BNA_F
ClientSampleId :
PB146737BS

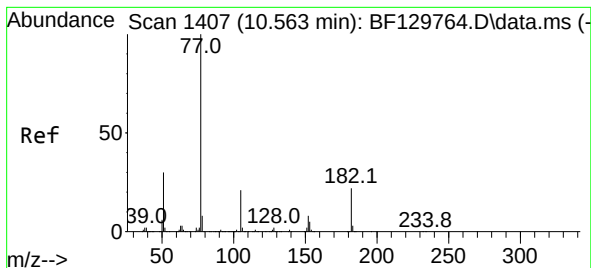
Tgt Ion:204 Resp: 485771
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 67.9 52.6 79.0



#62
4-Nitroaniline
Concen: 35.847 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:138 Resp: 243060
Ion Ratio Lower Upper
138 100
92 51.3 30.3 70.3
108 76.7 55.7 95.7

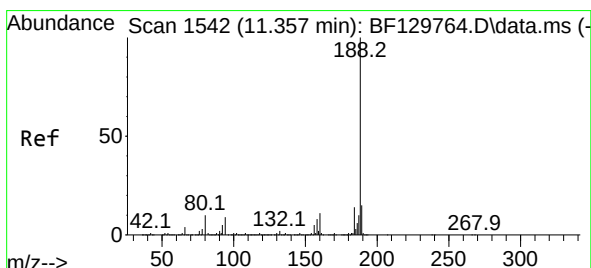
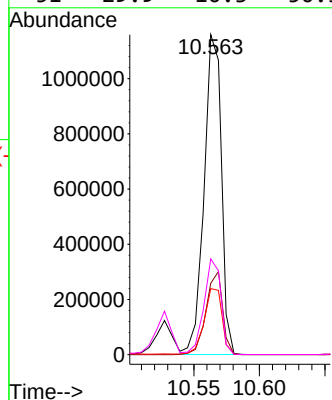
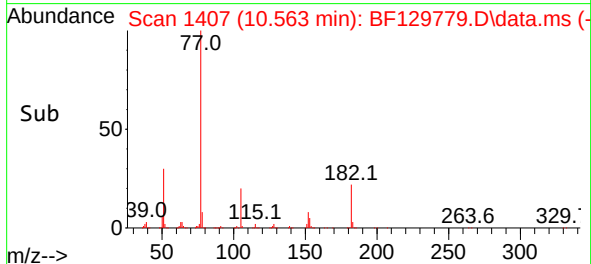
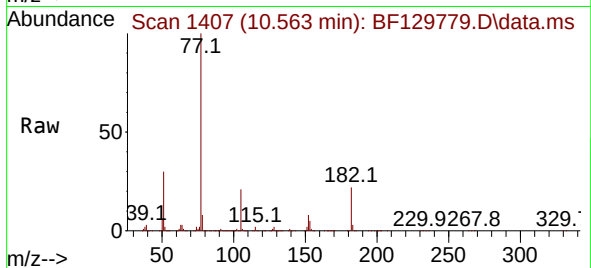




#63
Azobenzene
Concen: 39.933 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

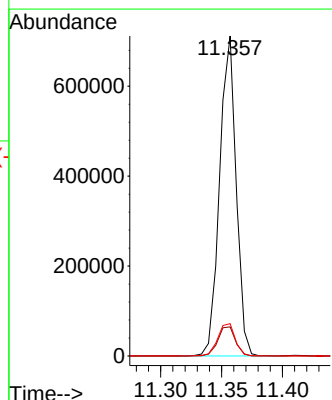
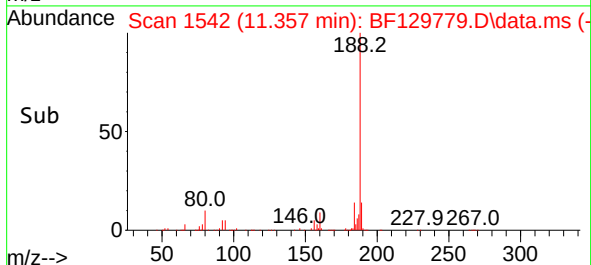
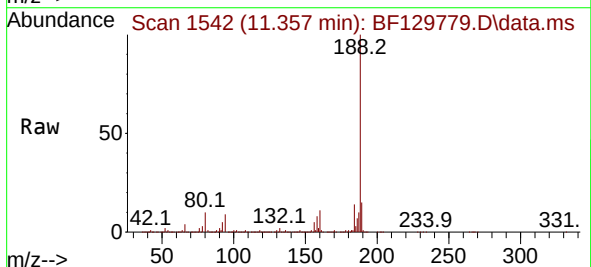
Instrument :
BNA_F
ClientSampleId :
PB146737BS

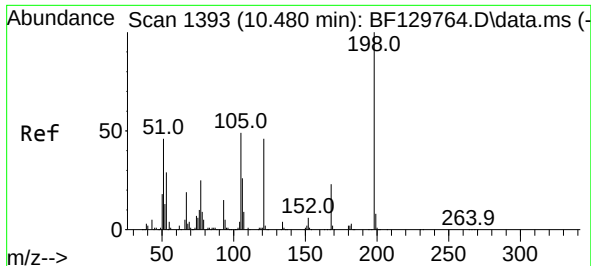
Tgt Ion: 77 Resp: 1066304
Ion Ratio Lower Upper
77 100
182 22.3 2.2 42.2
105 20.7 0.8 40.8
51 29.9 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion: 188 Resp: 673929
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.1 7.9 11.9

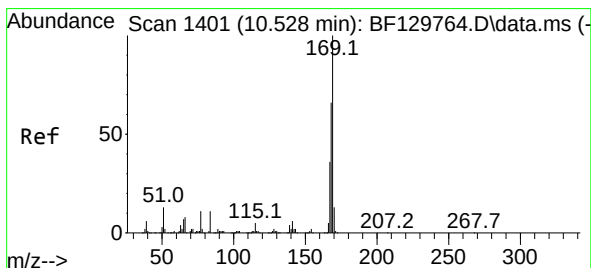
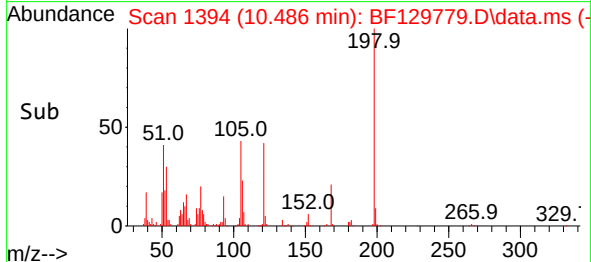
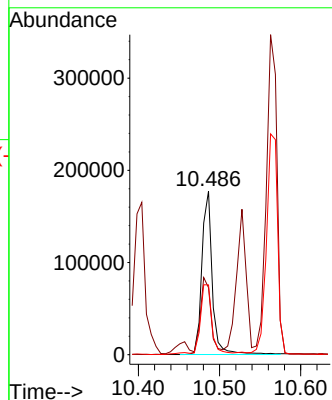
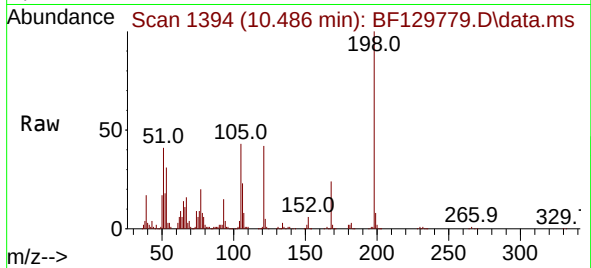




#65
4,6-Dinitro-2-methylphenol
Concen: 40.045 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

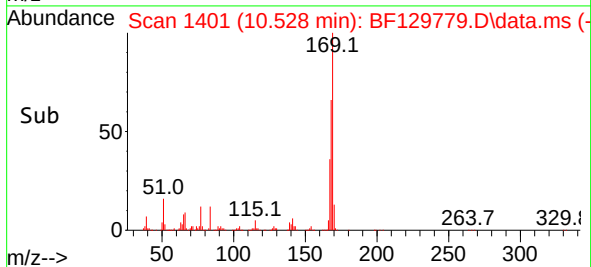
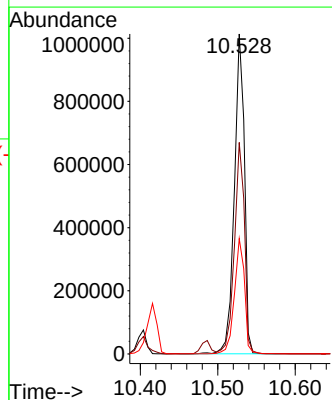
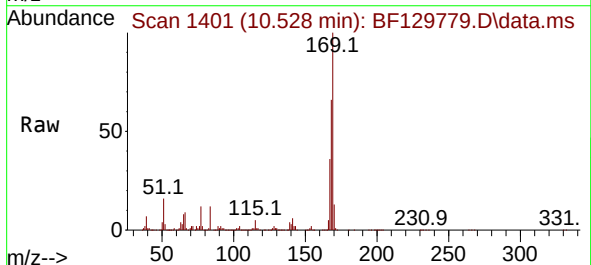
Instrument :
BNA_F
ClientSampleId :
PB146737BS

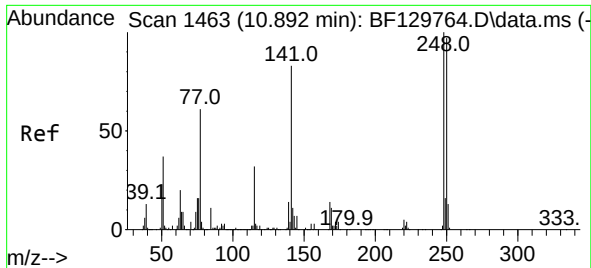
Tgt Ion:198 Resp: 158432
Ion Ratio Lower Upper
198 100
51 41.0 29.4 69.4
105 42.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.302 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:169 Resp: 916723
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.1 29.1 43.7

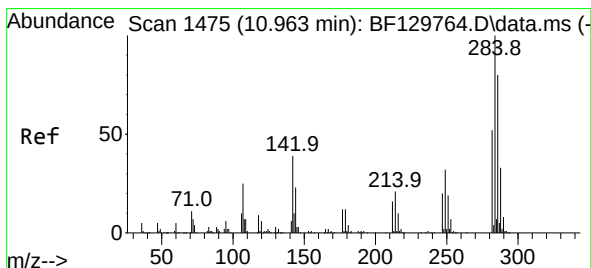
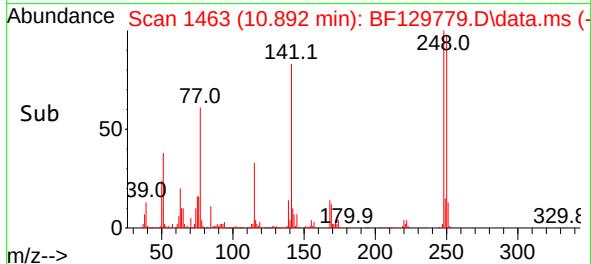
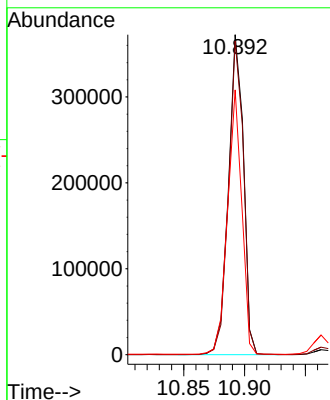
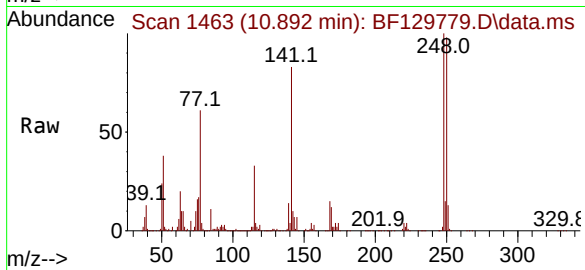




#67
4-Bromophenyl-phenylether
Concen: 40.566 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

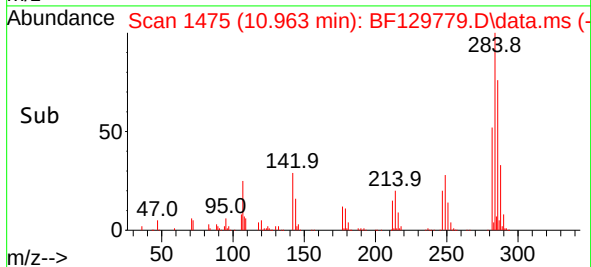
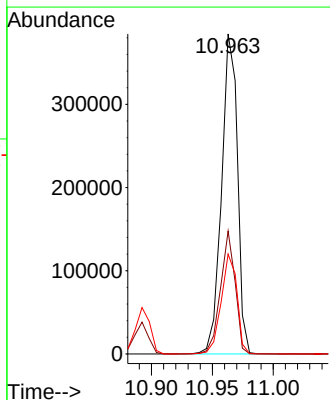
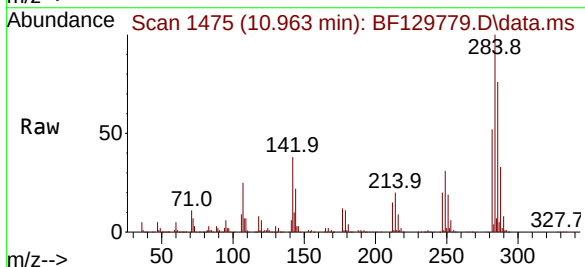
Instrument :
BNA_F
ClientSampleId :
PB146737BS

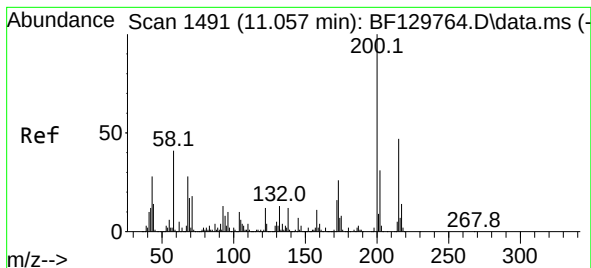
Tgt Ion:248 Resp: 320209
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 82.8 66.2 99.2



#68
Hexachlorobenzene
Concen: 40.852 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:284 Resp: 349300
Ion Ratio Lower Upper
284 100
142 38.4 31.4 47.0
249 31.2 25.7 38.5





#69

Atrazine

Concen: 44.409 ng

RT: 11.057 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

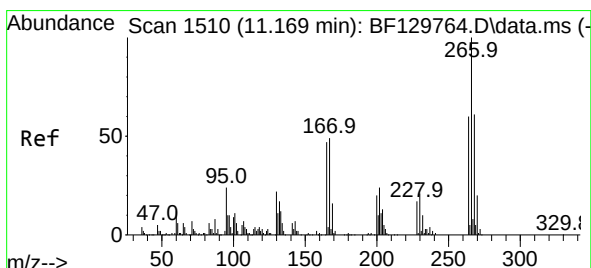
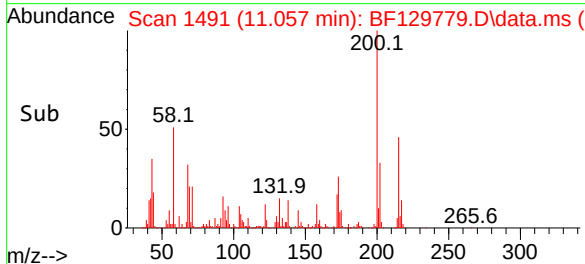
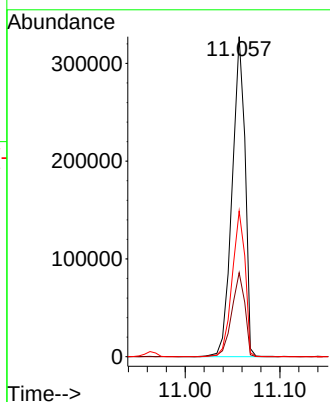
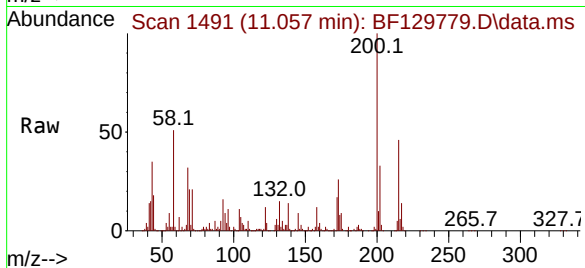
Tgt Ion:200 Resp: 310037

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 45.5 27.1 67.1



#70

Pentachlorophenol

Concen: 77.922 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

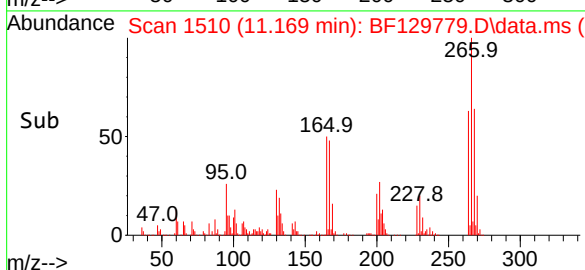
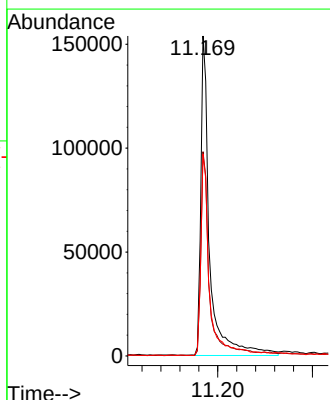
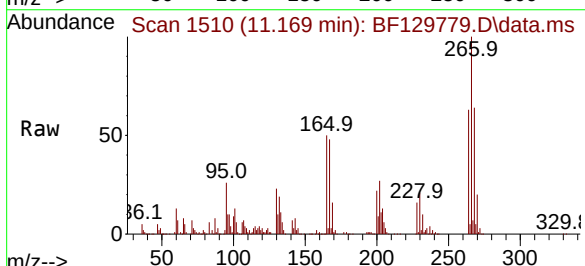
Tgt Ion:266 Resp: 199348

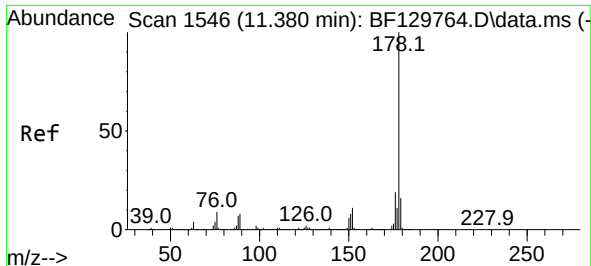
Ion Ratio Lower Upper

266 100

268 63.9 49.0 73.4

264 63.1 47.9 71.9

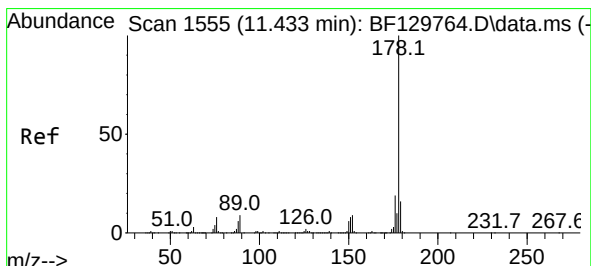
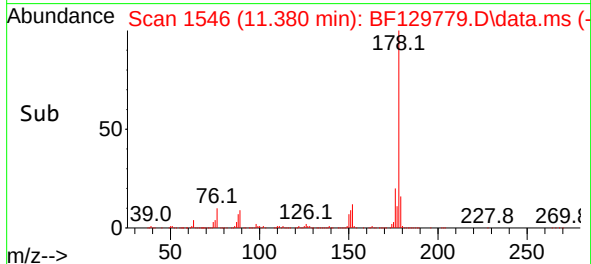
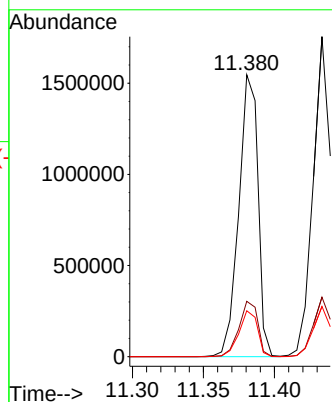
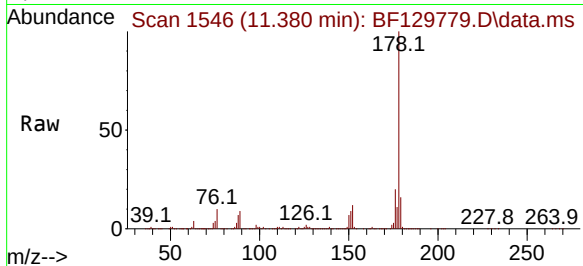




#71
Phenanthrene
Concen: 38.651 ng
RT: 11.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

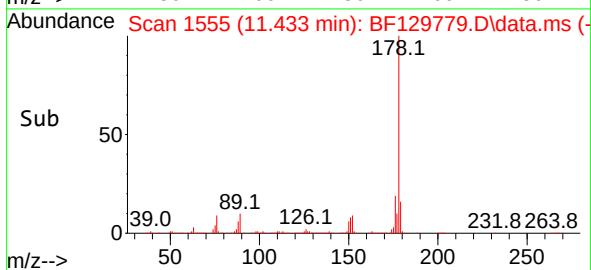
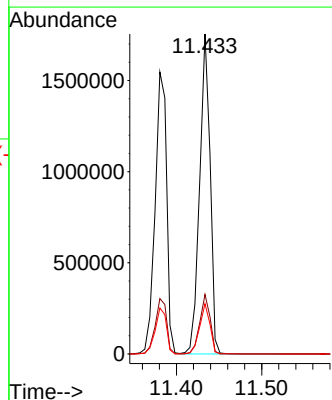
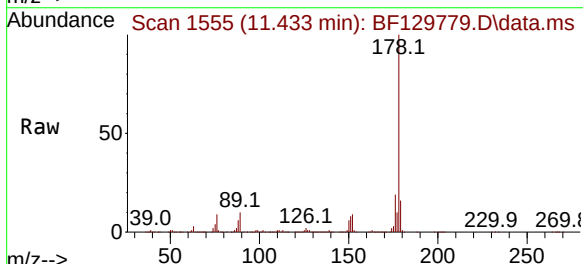
Instrument :
BNA_F
ClientSampleId :
PB146737BS

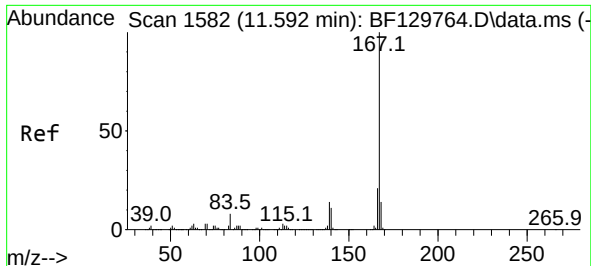
Tgt Ion:178 Resp: 1454758
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.3 12.5 18.7



#72
Anthracene
Concen: 40.135 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:178 Resp: 1502260
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.6 18.8

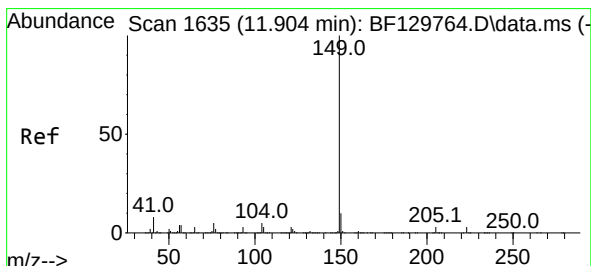
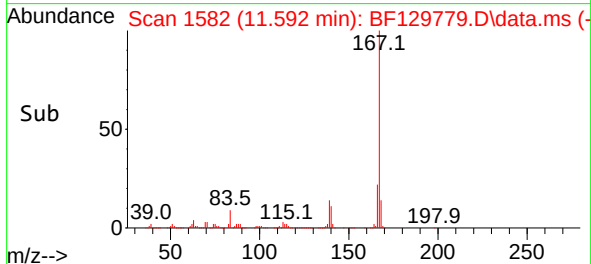
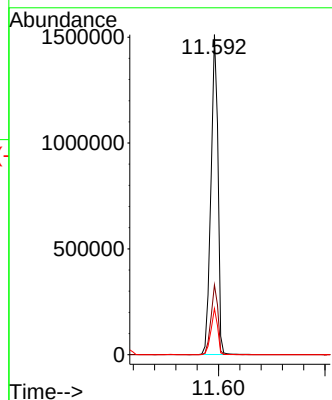
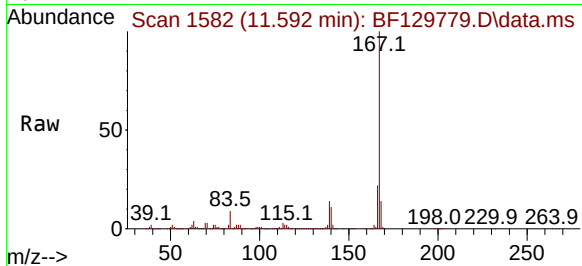




#73
 Carbazole
 Concen: 40.454 ng
 RT: 11.592 min Scan# 1582
 Delta R.T. 0.000 min
 Lab File: BF129779.D
 Acq: 15 Aug 2022 00:03

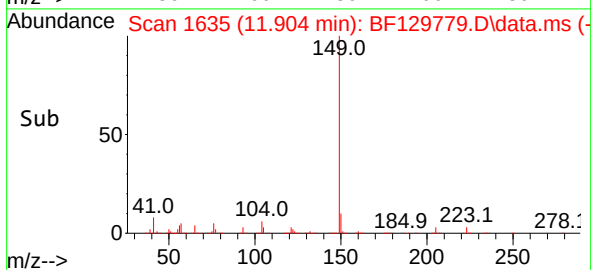
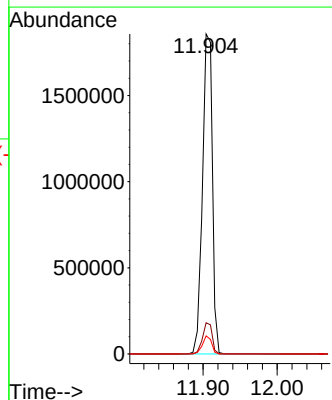
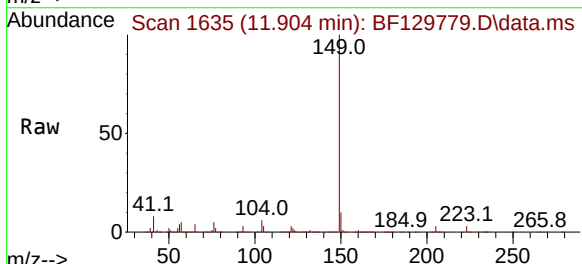
Instrument :
 BNA_F
 ClientSampleId :
 PB146737BS

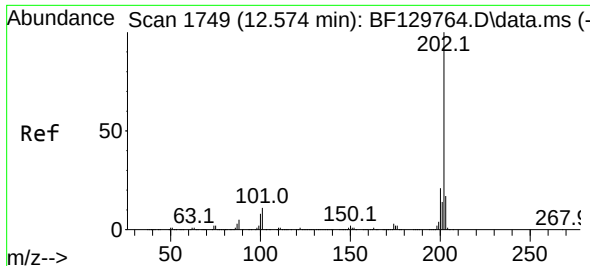
Tgt Ion:167 Resp: 1374510
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 14.4 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 39.363 ng
 RT: 11.904 min Scan# 1635
 Delta R.T. 0.000 min
 Lab File: BF129779.D
 Acq: 15 Aug 2022 00:03

Tgt Ion:149 Resp: 1721312
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.6 4.2 6.4

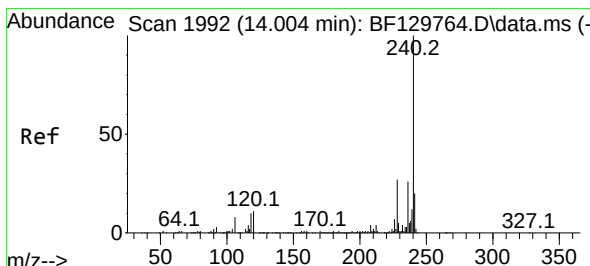
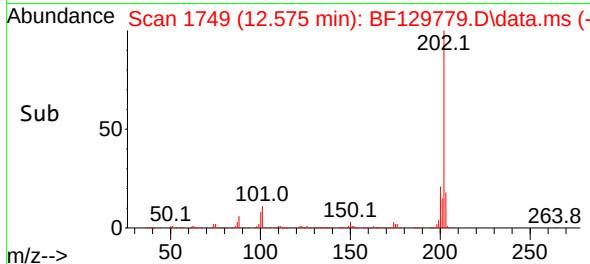
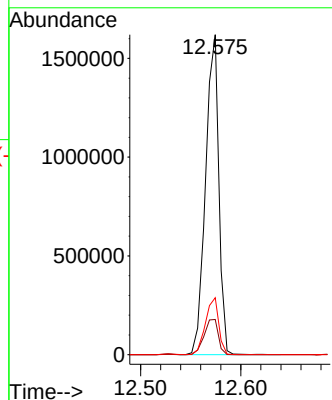
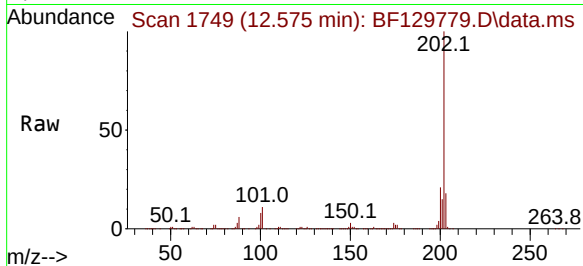




#75
Fluoranthene
Concen: 38.798 ng
RT: 12.575 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

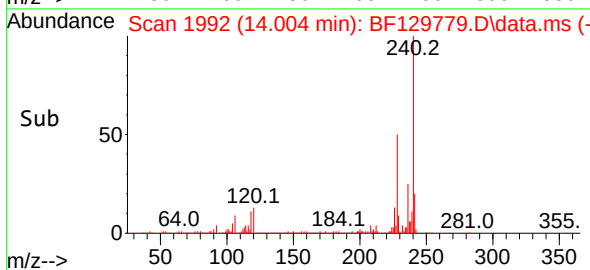
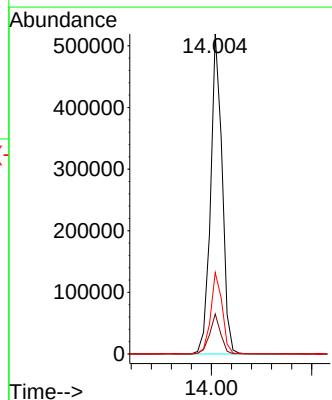
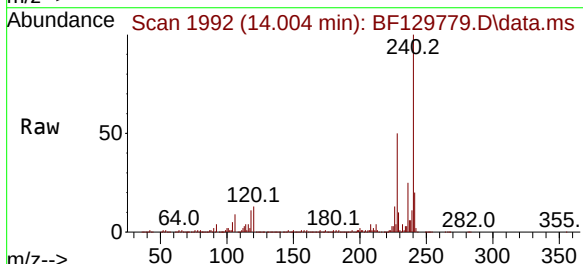
Instrument :
BNA_F
ClientSampleId :
PB146737BS

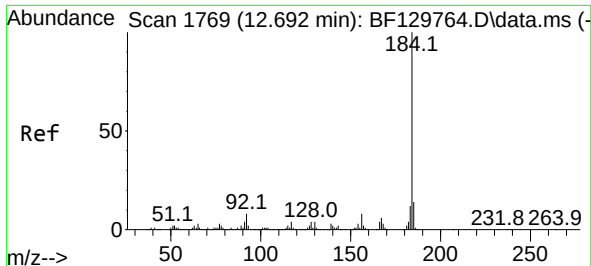
Tgt Ion:202 Resp: 1494310
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:240 Resp: 416684
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.4 20.7 31.1

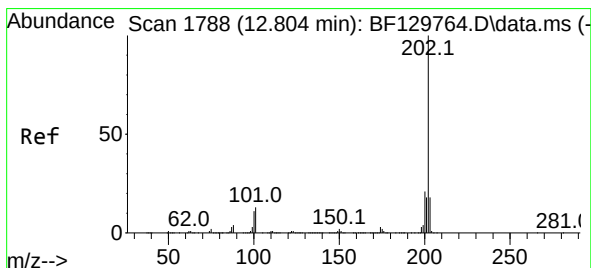
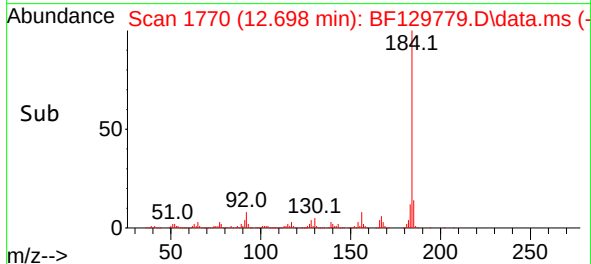
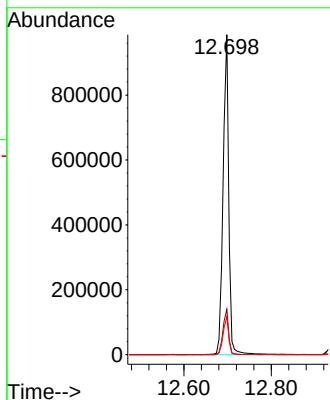
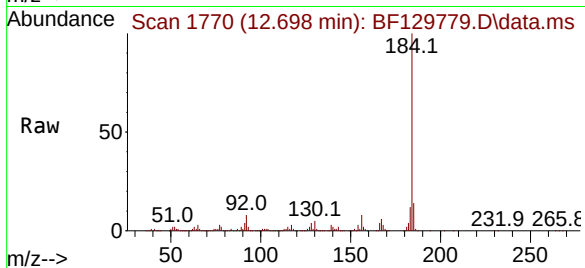




#77
Benzidine
Concen: 92.818 ng
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

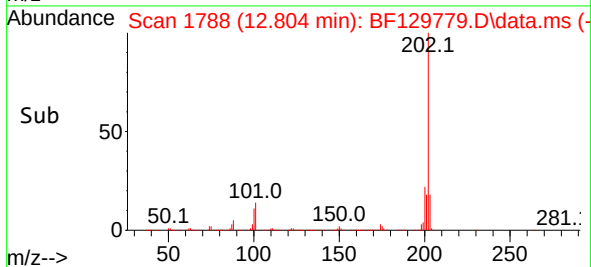
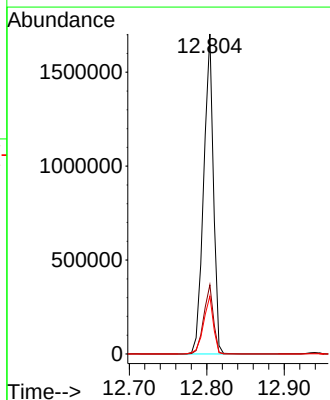
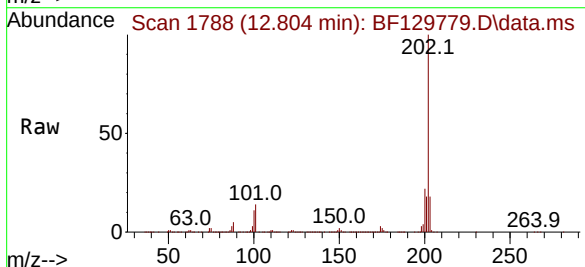
Instrument :
BNA_F
ClientSampleId :
PB146737BS

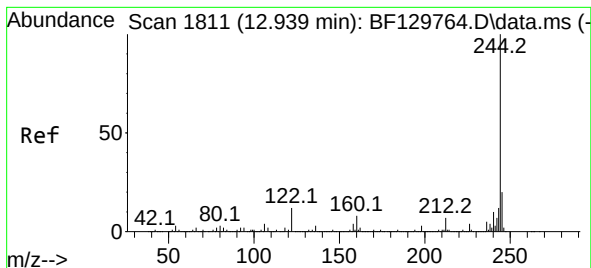
Tgt Ion:184 Resp: 871360
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.9 9.4 14.2



#78
Pyrene
Concen: 41.033 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:202 Resp: 1485793
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 84.585 ng

RT: 12.939 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

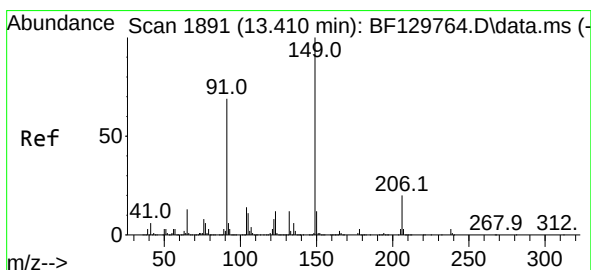
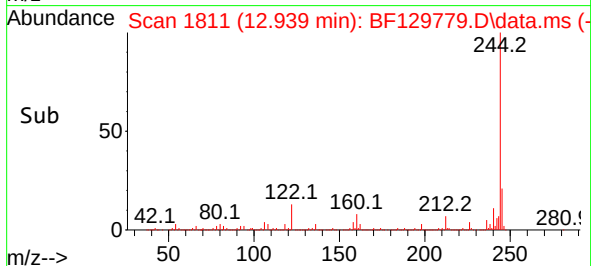
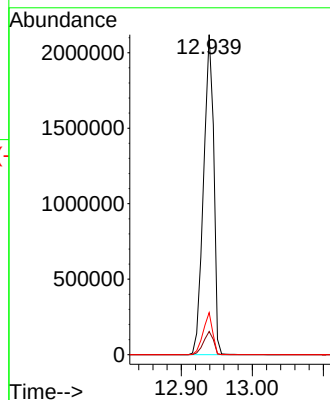
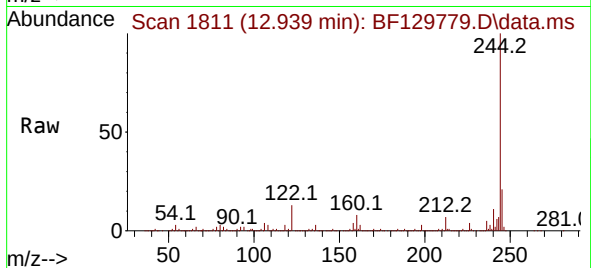
Tgt Ion:244 Resp: 2118189

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 13.1 9.9 14.9



#80

Butylbenzylphthalate

Concen: 41.933 ng

RT: 13.410 min Scan# 1891

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

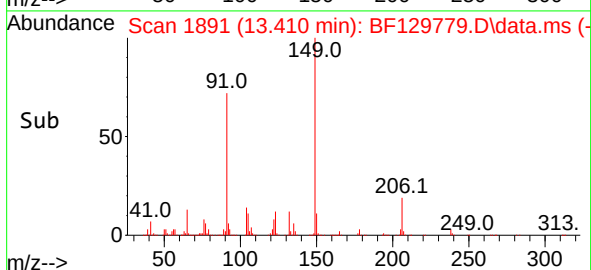
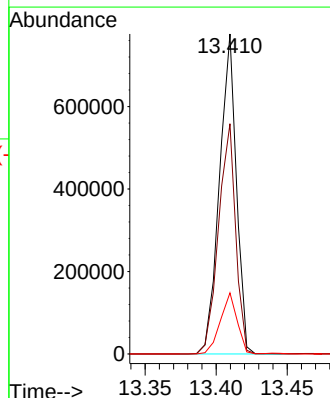
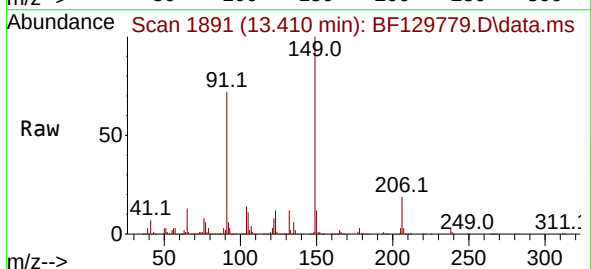
Tgt Ion:149 Resp: 642489

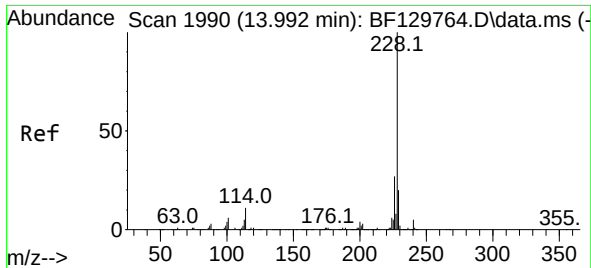
Ion Ratio Lower Upper

149 100

91 71.9 55.4 83.0

206 19.1 15.8 23.6

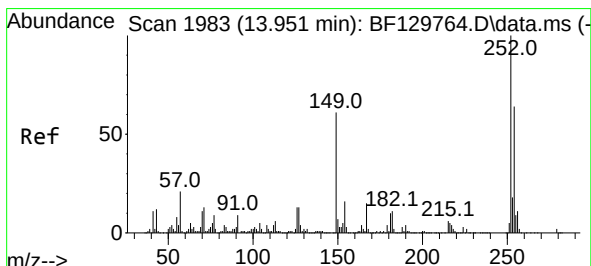
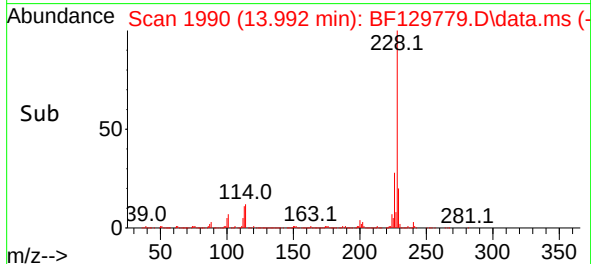
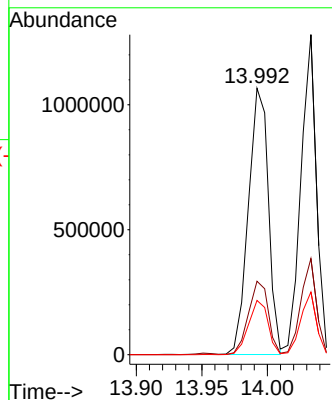
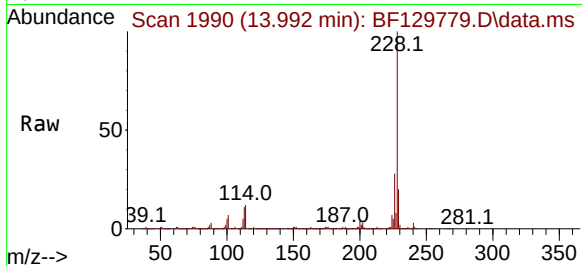




#81
Benzo(a)anthracene
Concen: 39.442 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

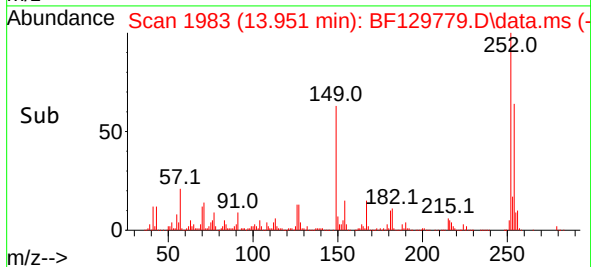
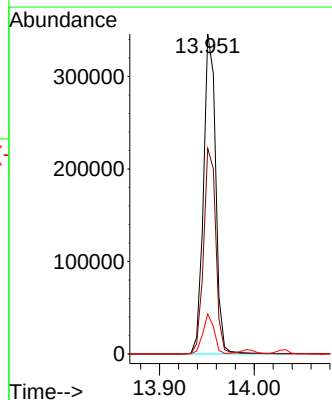
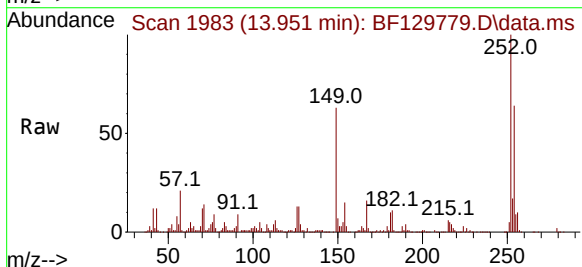
Instrument :
BNA_F
ClientSampleId :
PB146737BS

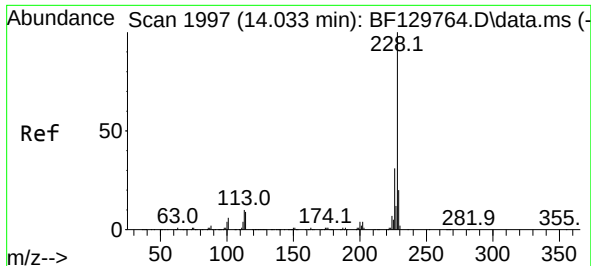
Tgt Ion:228 Resp: 1130561
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.948 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:252 Resp: 310247
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 12.5 10.2 15.4

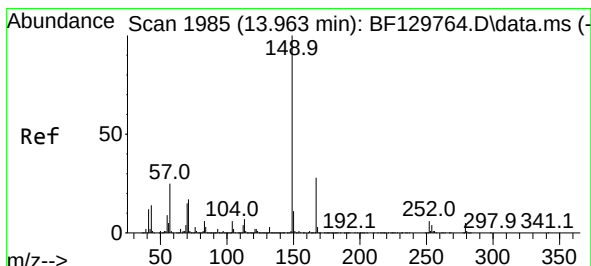
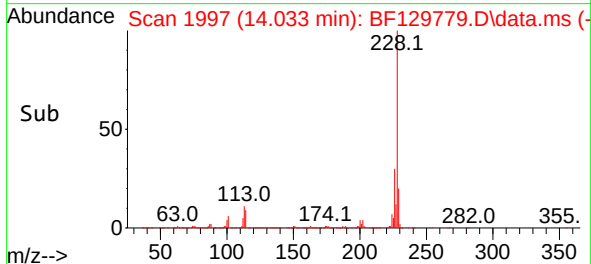
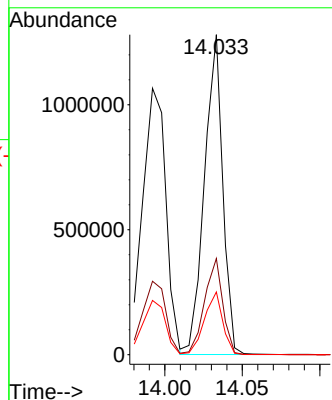
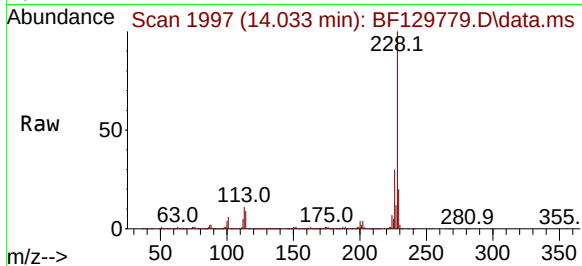




#83
Chrysene
Concen: 39.081 ng
RT: 14.033 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

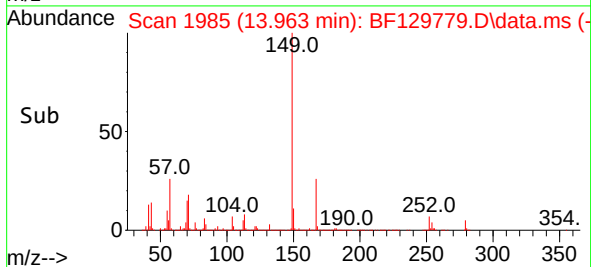
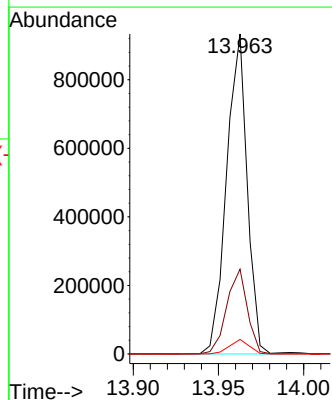
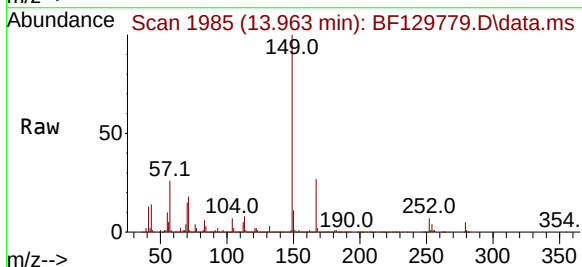
Instrument :
BNA_F
ClientSampleId :
PB146737BS

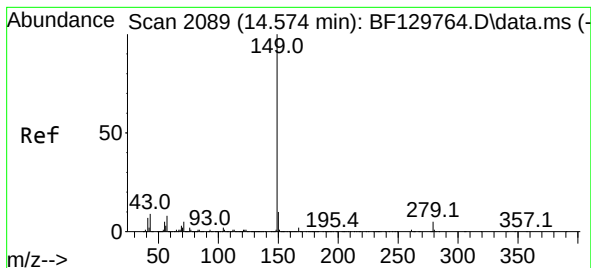
Tgt Ion:228 Resp: 1048604
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.164 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:149 Resp: 784630
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.313 ng

RT: 14.574 min Scan# 2089

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

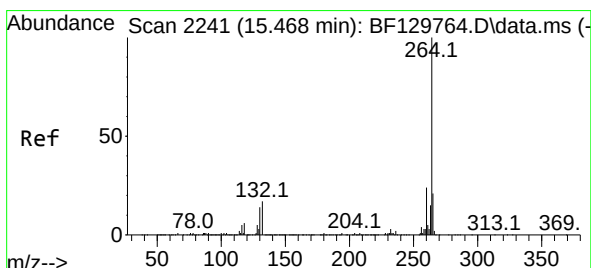
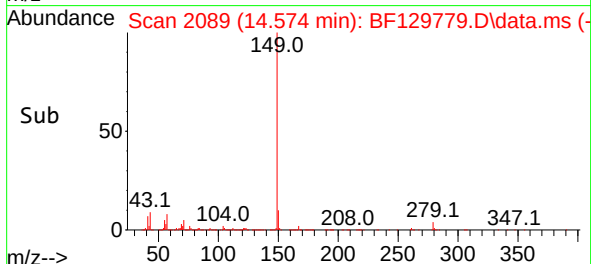
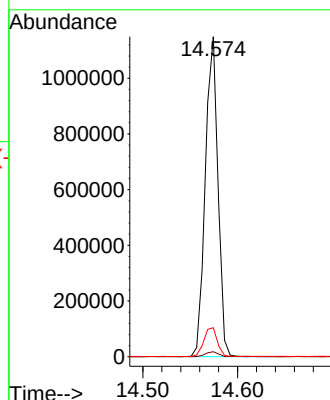
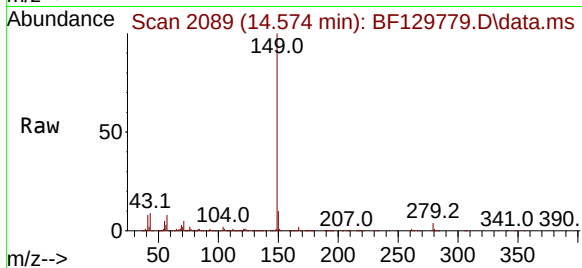
Tgt Ion:149 Resp: 1061796

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

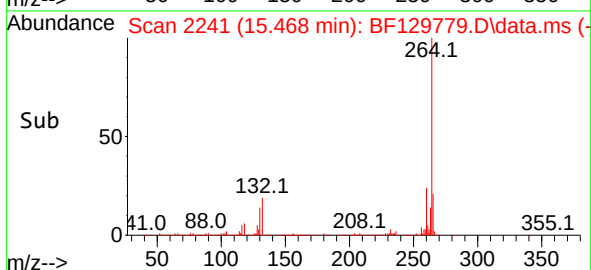
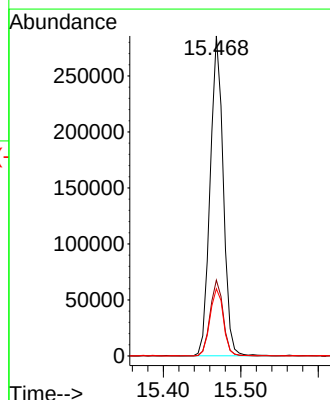
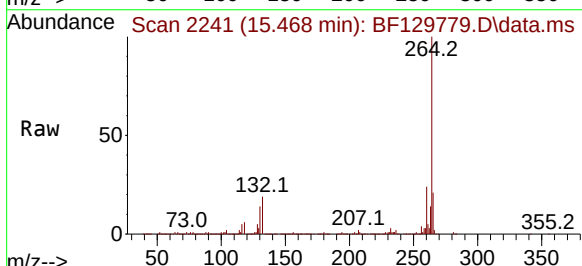
Tgt Ion:264 Resp: 333699

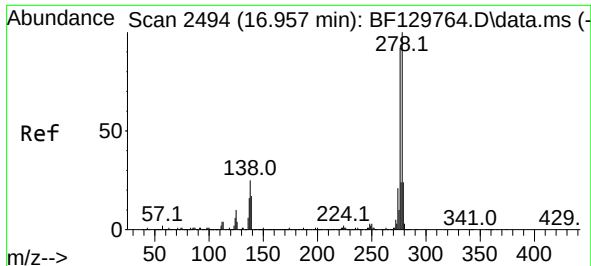
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.0 16.7 25.1

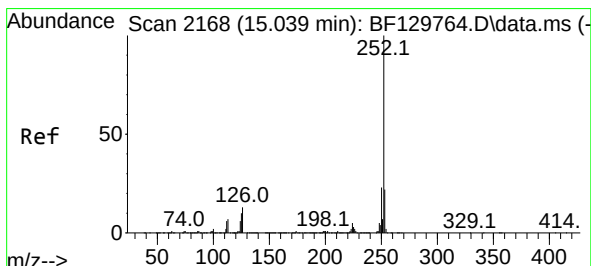
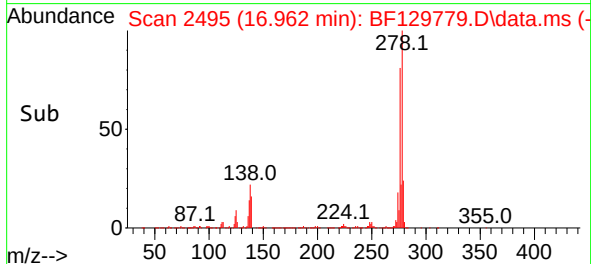
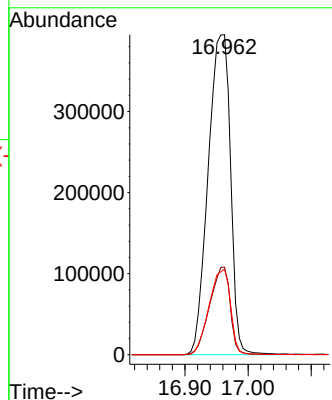
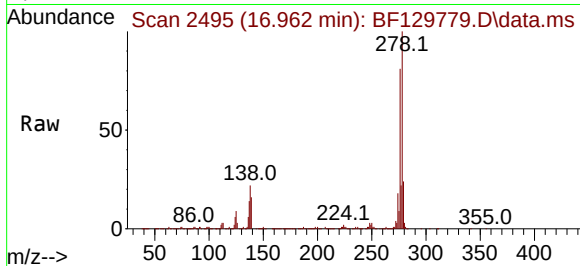




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.324 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

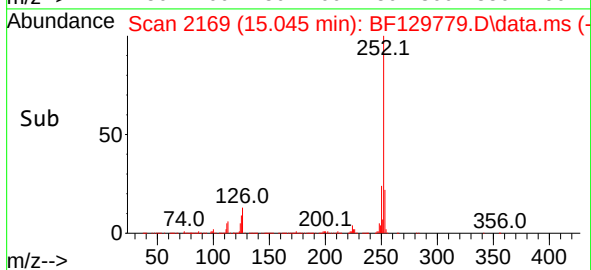
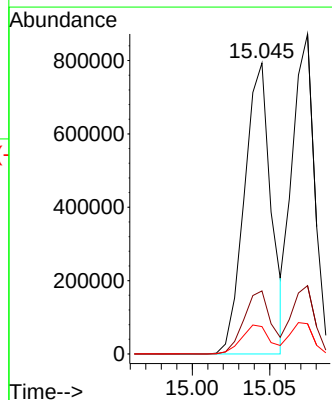
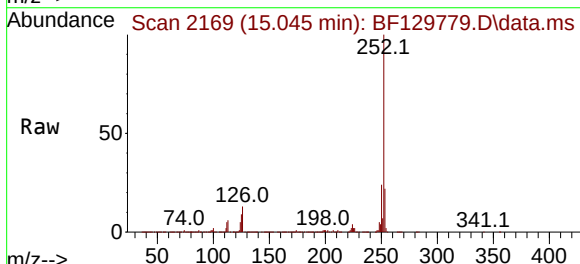
Instrument :
BNA_F
ClientSampleId :
PB146737BS

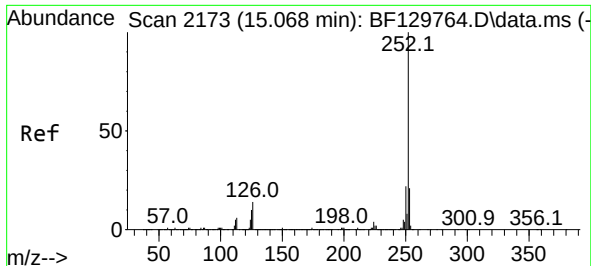
Tgt Ion:276 Resp: 969586
Ion Ratio Lower Upper
276 100
138 25.2 19.8 29.8
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.694 ng
RT: 15.045 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:252 Resp: 952723
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 8.3 12.5

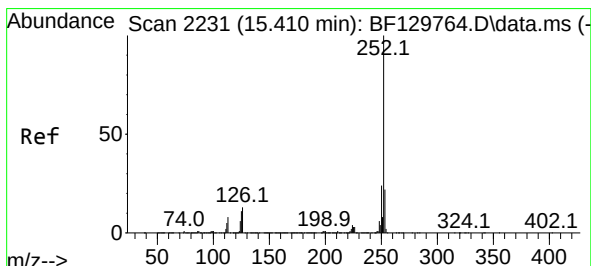
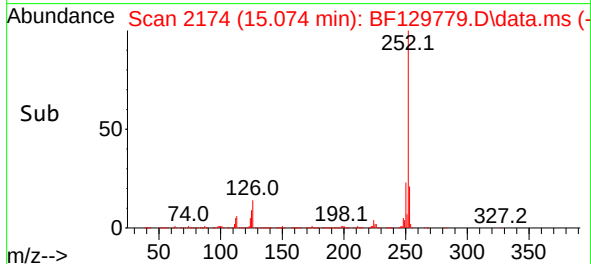
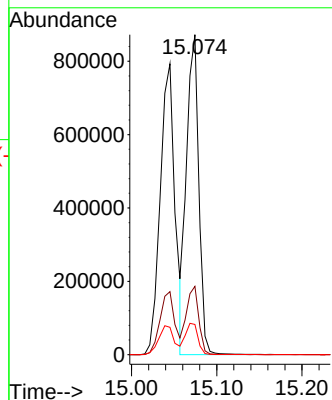
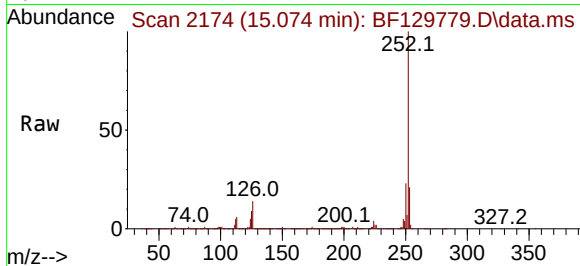




#89
Benzo(k)fluoranthene
Concen: 39.860 ng
RT: 15.074 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

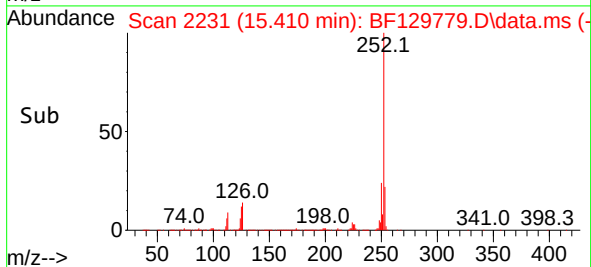
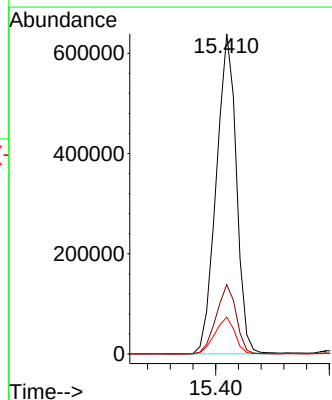
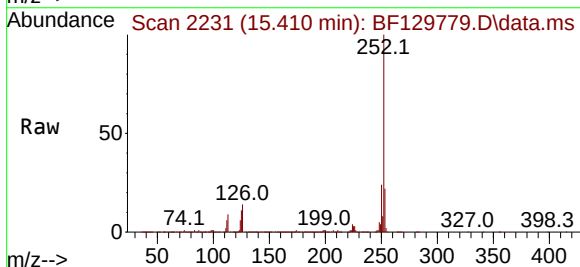
Instrument :
BNA_F
ClientSampleId :
PB146737BS

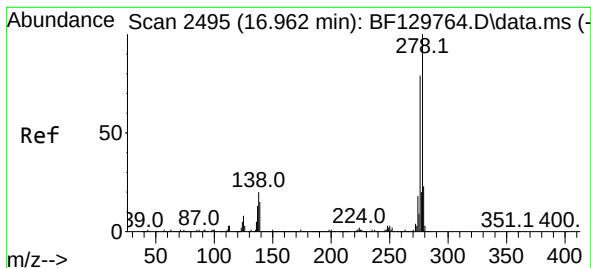
Tgt Ion:252 Resp: 873478
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 43.641 ng
RT: 15.410 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF129779.D
Acq: 15 Aug 2022 00:03

Tgt Ion:252 Resp: 785288
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.720 ng

RT: 16.962 min Scan# 2495

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Instrument :

BNA_F

ClientSampleId :

PB146737BS

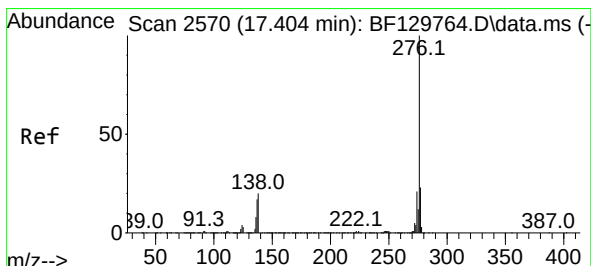
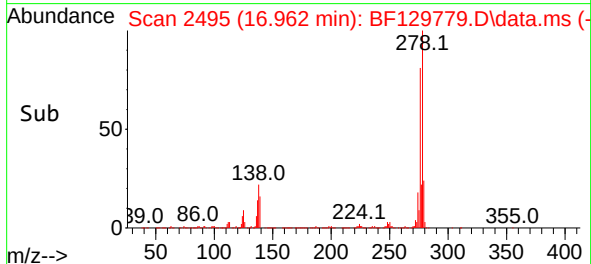
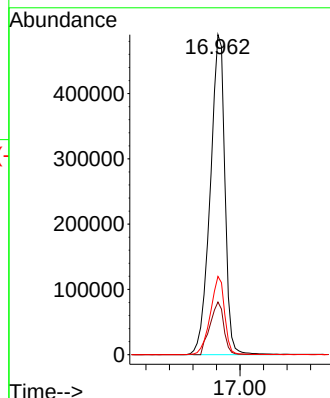
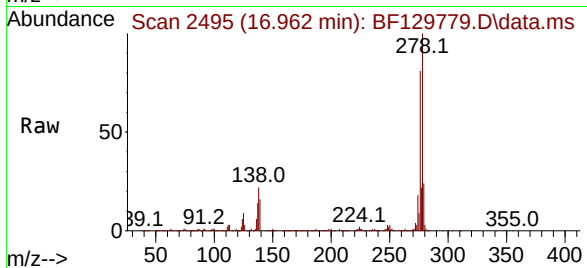
Tgt Ion:278 Resp: 845319

Ion Ratio Lower Upper

278 100

139 16.5 12.2 18.4

279 24.5 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 44.798 ng

RT: 17.404 min Scan# 2570

Delta R.T. 0.000 min

Lab File: BF129779.D

Acq: 15 Aug 2022 00:03

Tgt Ion:276 Resp: 844809

Ion Ratio Lower Upper

276 100

277 23.6 18.2 27.4

138 21.5 15.8 23.8

