

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129503.D
 Acq On : 02 Aug 2022 12:32
 Operator : CG\JU
 Sample : N3927-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-77MSD

Quant Time: Aug 02 17:36:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	164903	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	655388	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	330827	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	516944	20.000	ng	0.00
76) Chrysene-d12	14.057	240	303676	20.000	ng	0.00
86) Perylene-d12	15.539	264	357940	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1112858	109.934	ng	0.01
7) Phenol-d6	6.528	99	1408194	110.673	ng	0.00
23) Nitrobenzene-d5	7.445	82	892025	74.299	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	352135	110.712	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1592762	74.478	ng	0.00
79) Terphenyl-d14	12.992	244	1276836	79.323	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	187291	41.007	ng	89
3) Pyridine	3.487	79	487029	38.398	ng	90
4) n-Nitrosodimethylamine	3.434	42	249841	44.857	ng	92
6) Aniline	6.545	93	603954	38.181	ng	# 78
8) 2-Chlorophenol	6.669	128	540510	48.873	ng	98
9) Benzaldehyde	6.428	77	247910	28.690	ng	98
10) Phenol	6.540	94	638314	47.109	ng	# 74
11) bis(2-Chloroethyl)ether	6.610	93	504360	46.935	ng	94
12) 1,3-Dichlorobenzene	6.816	146	556584	46.924	ng	99
13) 1,4-Dichlorobenzene	6.892	146	560629	46.475	ng	99
14) 1,2-Dichlorobenzene	7.045	146	539077	48.618	ng	98
15) Benzyl Alcohol	7.022	79	463047	50.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	693540	42.936	ng	59
17) 2-Methylphenol	7.140	107	419732	45.748	ng	# 93
18) Hexachloroethane	7.387	117	214735	47.275	ng	91
19) n-Nitroso-di-n-propyla...	7.292	70	363151	47.144	ng	91
20) 3+4-Methylphenols	7.292	107	528755	45.326	ng	# 84
22) Acetophenone	7.287	105	715583	46.897	ng	98
24) Nitrobenzene	7.463	77	553182	44.744	ng	96
25) Isophorone	7.698	82	995050	46.237	ng	99
26) 2-Nitrophenol	7.781	139	292965	48.034	ng	89
27) 2,4-Dimethylphenol	7.822	122	456109	49.855	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	617706	49.479	ng	98
29) 2,4-Dichlorophenol	8.028	162	429797	45.516	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	433670	44.369	ng	96
31) Naphthalene	8.181	128	1499901	45.045	ng	100
32) Benzoic acid	7.951	122	211448	31.970	ng	95
33) 4-Chloroaniline	8.234	127	420935	30.791	ng	98
34) Hexachlorobutadiene	8.292	225	258581	46.542	ng	99
35) Caprolactam	8.610	113	79914	26.031	ng	# 81
36) 4-Chloro-3-methylphenol	8.728	107	458494	45.780	ng	95
37) 2-Methylnaphthalene	8.875	142	975848	45.097	ng	99
38) 1-Methylnaphthalene	8.975	142	925015	44.283	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	418654	48.194	ng	97
41) Hexachlorocyclopentadiene	9.022	237	449216	116.132	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	287811	45.617	ng	98

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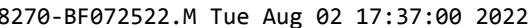
Instrument :
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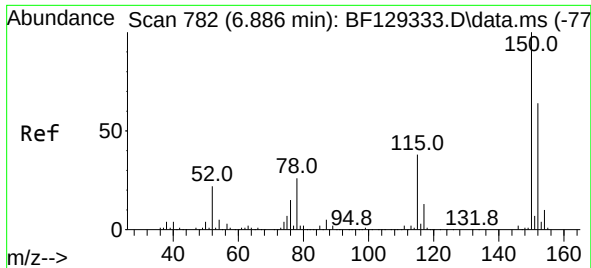
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 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	302073	44.026	ng	# 93
46) 1,1'-Biphenyl	9.339	154	1152582	47.738	ng	99
47) 2-Chloronaphthalene	9.363	162	909895	46.619	ng	99
48) 2-Nitroaniline	9.469	65	294989	45.452	ng	87
49) Acenaphthylene	9.781	152	1384607	46.687	ng	100
50) Dimethylphthalate	9.639	163	1027403	44.987	ng	99
51) 2,6-Dinitrotoluene	9.704	165	234147	45.807	ng	92
52) Acenaphthene	9.951	154	816764	42.166	ng	98
53) 3-Nitroaniline	9.881	138	185945	30.806	ng	# 90
54) 2,4-Dinitrophenol	9.992	184	218775	83.839	ng	# 86
55) Dibenzofuran	10.128	168	1228456	46.005	ng	98
56) 4-Nitrophenol	10.063	139	332333	74.631	ng	98
57) 2,4-Dinitrotoluene	10.116	165	303131	45.396	ng	92
58) Fluorene	10.469	166	974528	45.613	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	202516	38.194	ng	97
60) Diethylphthalate	10.339	149	974003	44.118	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	438480	46.552	ng	90
62) 4-Nitroaniline	10.498	138	241141	40.272	ng	96
63) Azobenzene	10.622	77	976403	43.361	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	140496	43.060	ng	96
66) n-Nitrosodiphenylamine	10.580	169	829221	48.167	ng	96
67) 4-Bromophenyl-phenylether	10.951	248	273762	48.362	ng	97
68) Hexachlorobenzene	11.016	284	300554	49.002	ng	98
69) Atrazine	11.110	200	251154	48.030	ng	97
70) Pentachlorophenol	11.222	266	244462	73.316	ng	100
71) Phenanthrene	11.433	178	1286528	45.591	ng	99
72) Anthracene	11.486	178	1301530	46.935	ng	99
73) Carbazole	11.645	167	1162179	44.521	ng	99
74) Di-n-butylphthalate	11.963	149	1293932	41.623	ng	99
75) Fluoranthene	12.627	202	1166827	40.810	ng	98
77) Benzidine	12.745	184	515734	48.073	ng	99
78) Pyrene	12.857	202	1152266	45.375	ng	99
80) Butylbenzylphthalate	13.463	149	434795	39.474	ng	96
81) Benzo(a)anthracene	14.045	228	935082	45.077	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	255961	37.372	ng	97
83) Chrysene	14.080	228	862767	44.130	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	541965	37.374	ng	98
85) Di-n-octyl phthalate	14.627	149	955520	45.790	ng	96
87) Indeno(1,2,3-cd)pyrene	17.057	276	1212597	50.307	ng	99
88) Benzo(b)fluoranthene	15.104	252	1096153	46.167	ng	99
89) Benzo(k)fluoranthene	15.133	252	916050	39.370	ng	99
90) Benzo(a)pyrene	15.480	252	937256	48.628	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	1036835	52.850	ng	99
92) Benzo(g,h,i)perylene	17.521	276	1072844	53.517	ng	99

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

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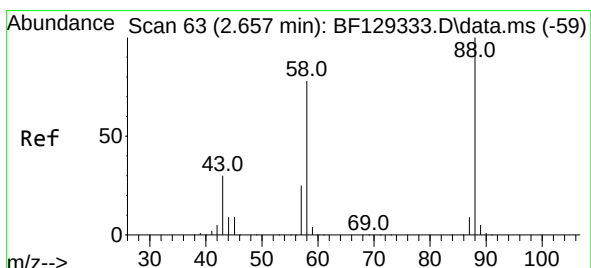
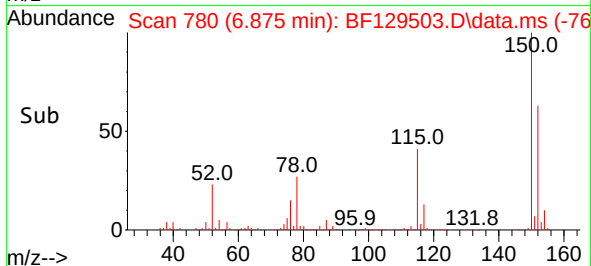
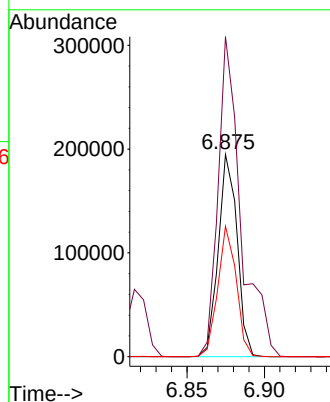
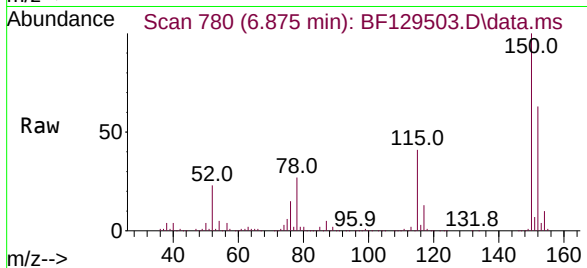




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

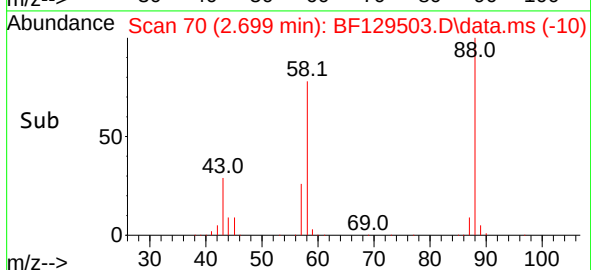
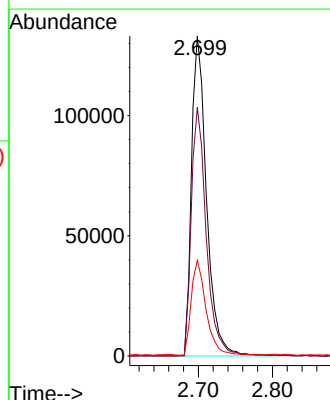
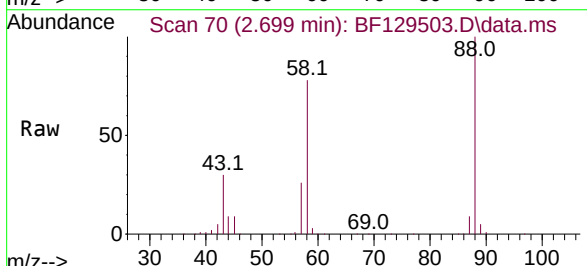
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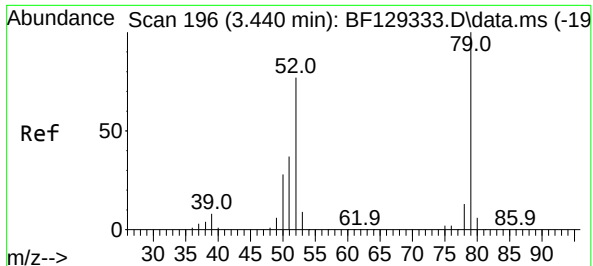
Tgt Ion:152 Resp: 164903
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 64.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 41.007 ng
 RT: 2.699 min Scan# 70
 Delta R.T. 0.053 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

Tgt Ion: 88 Resp: 187291
 Ion Ratio Lower Upper
 88 100
 58 77.8 71.8 107.8
 43 29.4 26.6 39.8

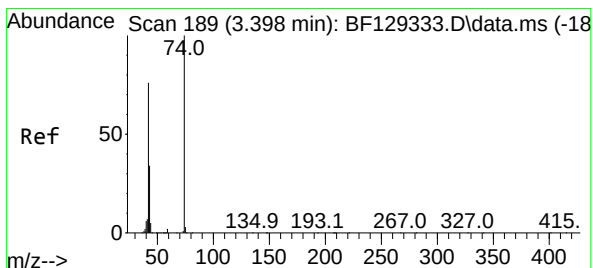
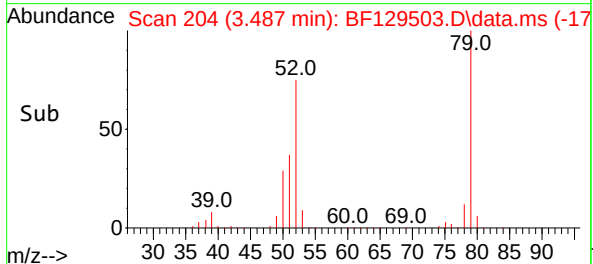
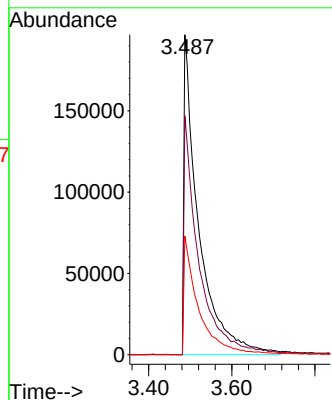
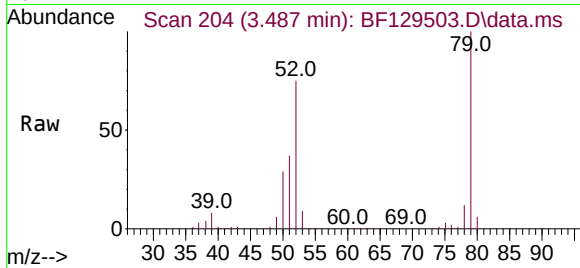




#3
Pyridine
Concen: 38.398 ng
RT: 3.487 min Scan# 204
Delta R.T. 0.053 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

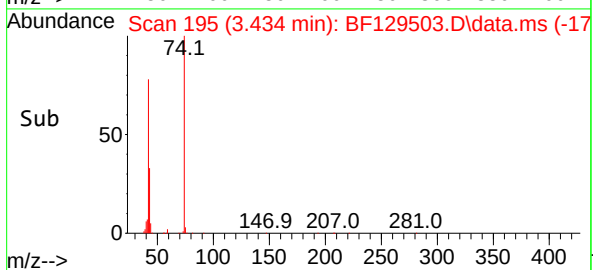
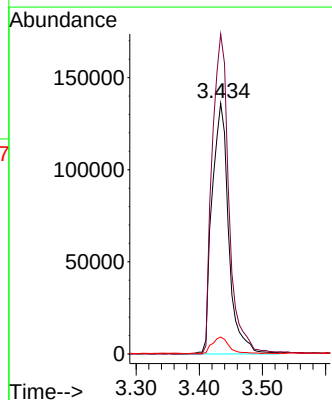
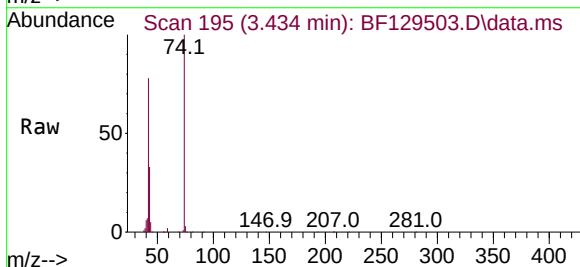
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

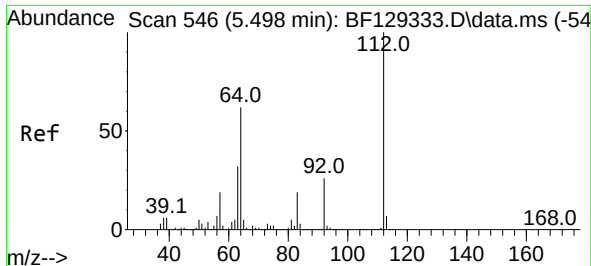
Tgt Ion: 79 Resp: 487029
Ion Ratio Lower Upper
79 100
52 74.7 68.6 102.8
51 37.1 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 44.857 ng
RT: 3.434 min Scan# 195
Delta R.T. 0.047 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 42 Resp: 249841
Ion Ratio Lower Upper
42 100
74 127.6 94.8 142.2
44 6.8 6.6 10.0

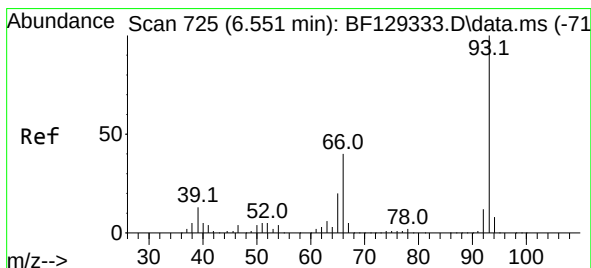
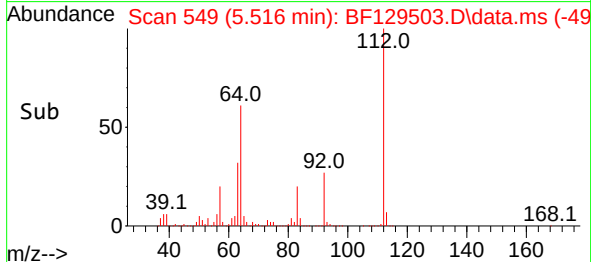
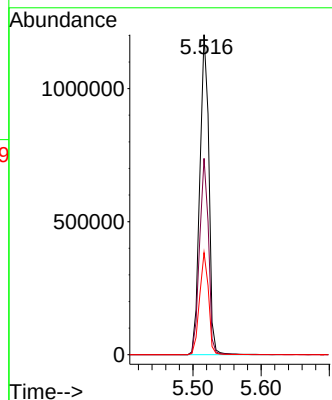
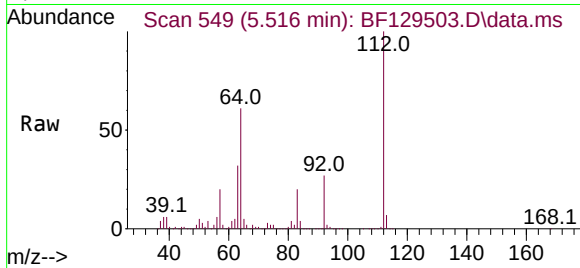




#5
2-Fluorophenol
Concen: 109.934 ng
RT: 5.516 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

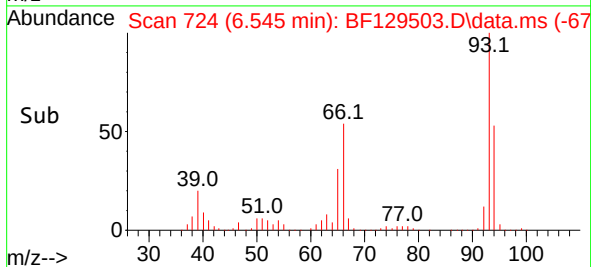
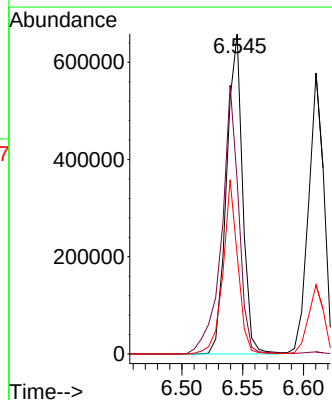
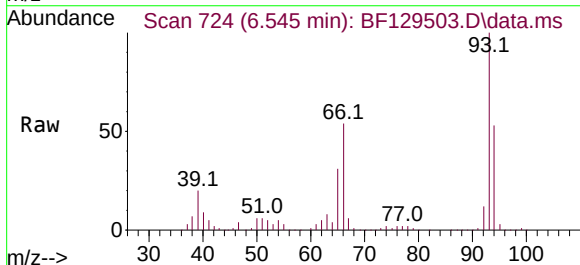
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ClientSampleId :
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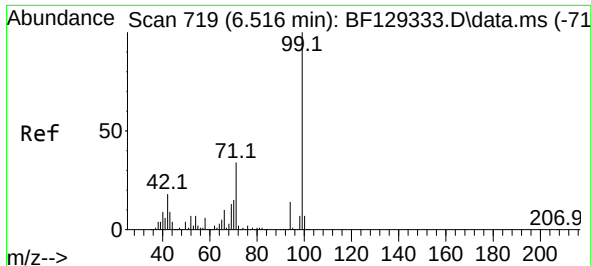
Tgt Ion:112 Resp: 1112858
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 31.9 28.0 42.0



#6
Aniline
Concen: 38.181 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 93 Resp: 603954
Ion Ratio Lower Upper
93 100
66 54.2 32.5 48.7#
65 30.9 16.4 24.6#

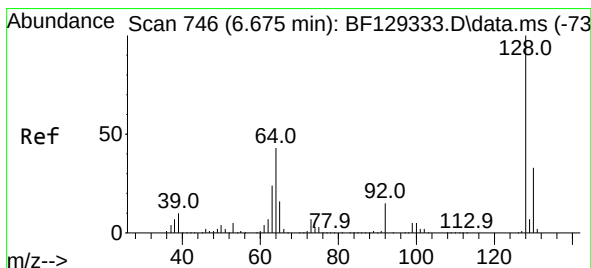
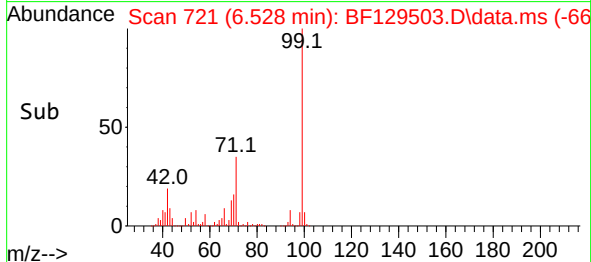
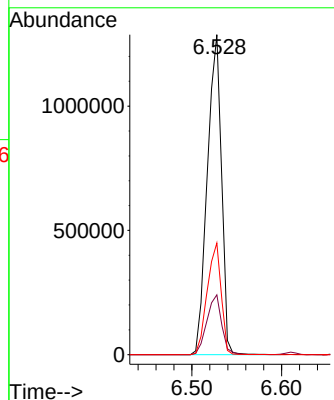
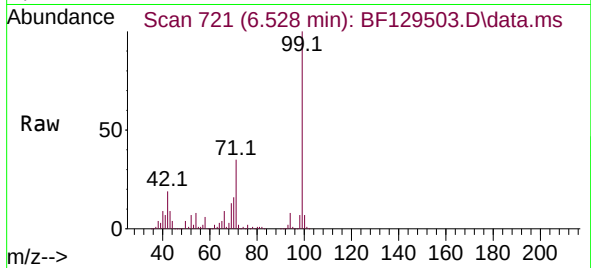




#7
Phenol-d6
Concen: 110.673 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

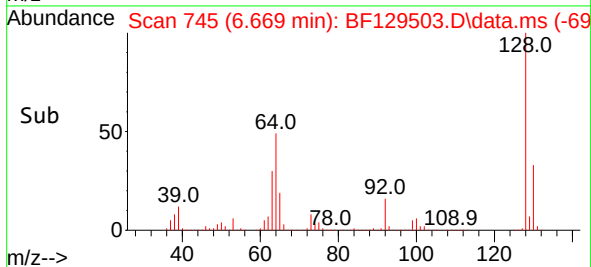
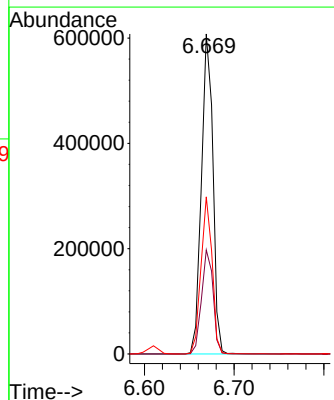
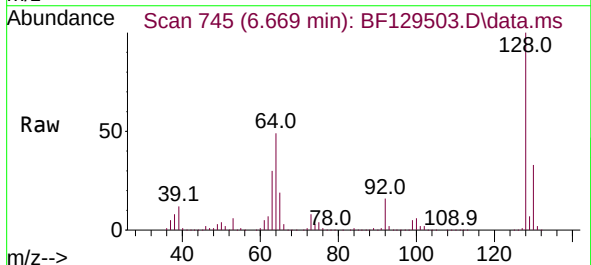
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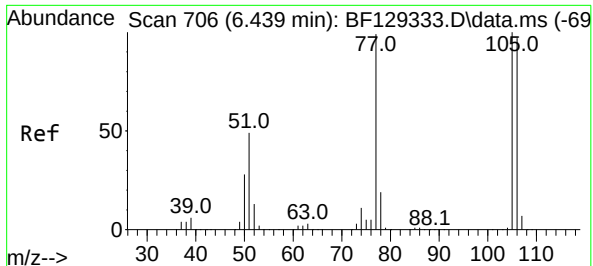
Tgt Ion: 99 Resp: 1408194
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 34.9 28.9 43.3



#8
2-Chlorophenol
Concen: 48.873 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 128 Resp: 540510
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 49.1 30.9 70.9

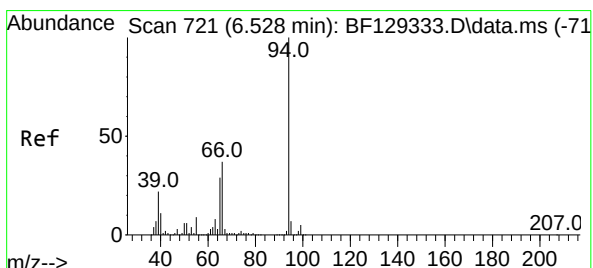
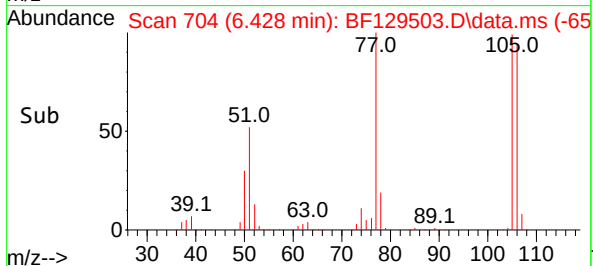
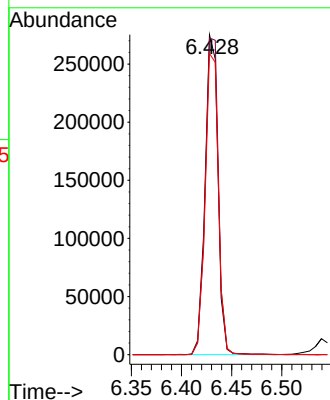
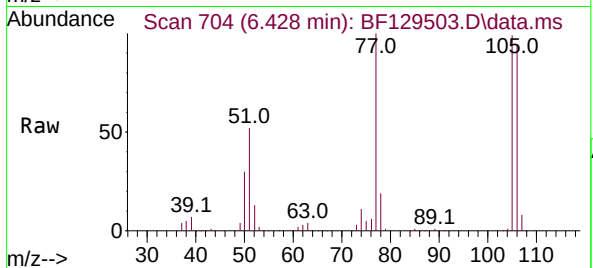




#9
Benzaldehyde
Concen: 28.690 ng
RT: 6.428 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

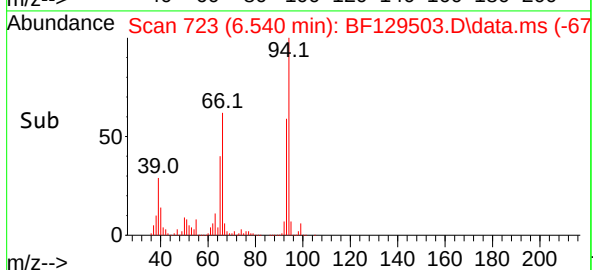
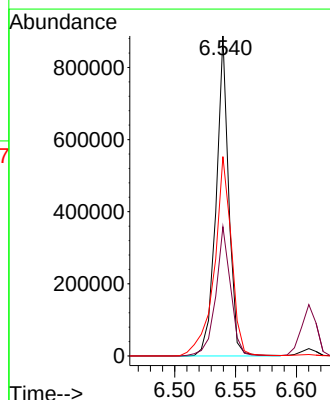
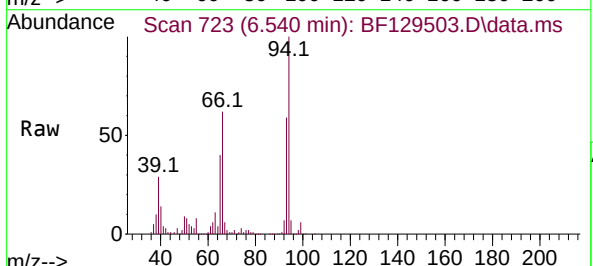
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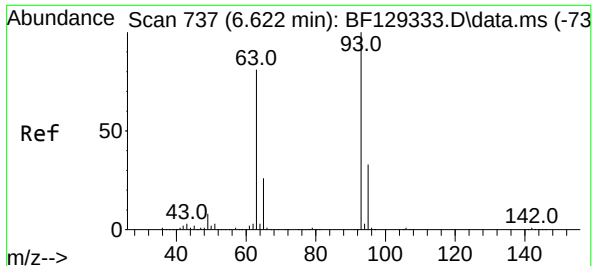
Tgt Ion: 77 Resp: 247910
Ion Ratio Lower Upper
77 100
105 99.0 81.6 121.6
106 94.2 76.1 116.1



#10
Phenol
Concen: 47.109 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 94 Resp: 638314
Ion Ratio Lower Upper
94 100
65 40.4 11.4 51.4
66 62.3 21.4 61.4#

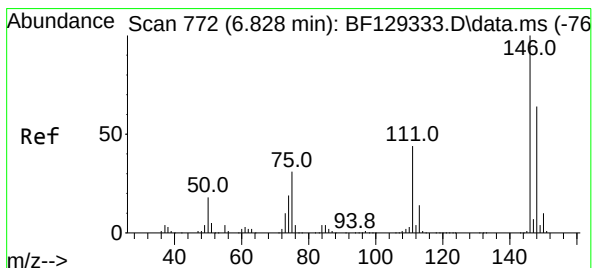
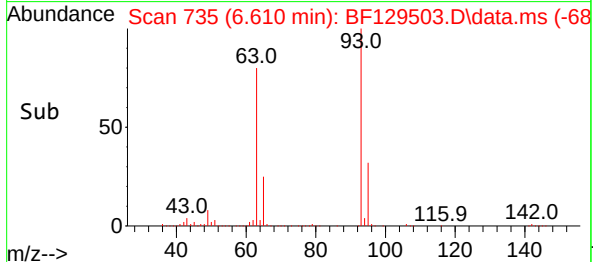
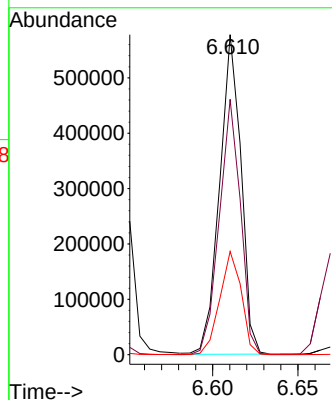
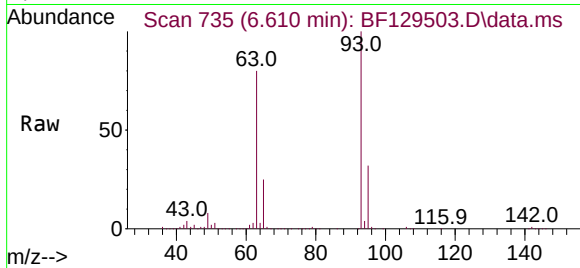




#11
bis(2-Chloroethyl)ether
Concen: 46.935 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

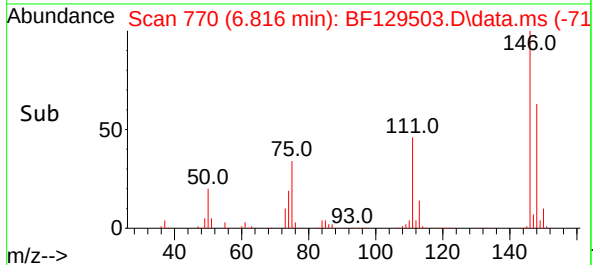
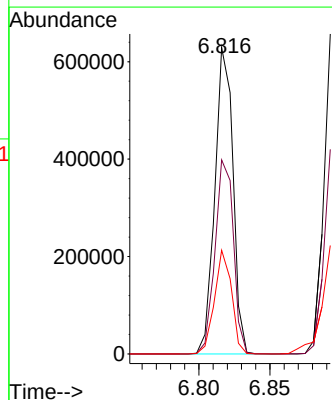
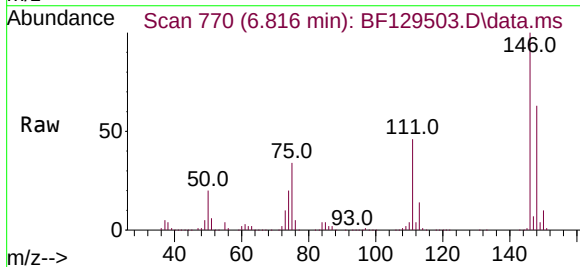
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

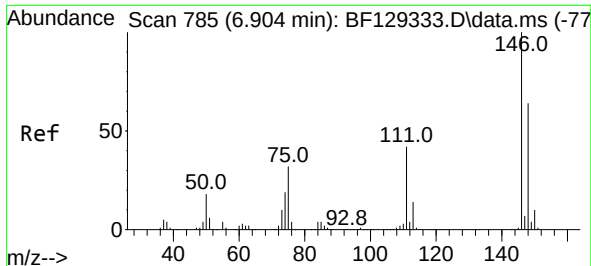
Tgt Ion: 93 Resp: 504360
Ion Ratio Lower Upper
93 100
63 79.8 67.4 107.4
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 46.924 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:146 Resp: 556584
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 33.8 26.3 39.5

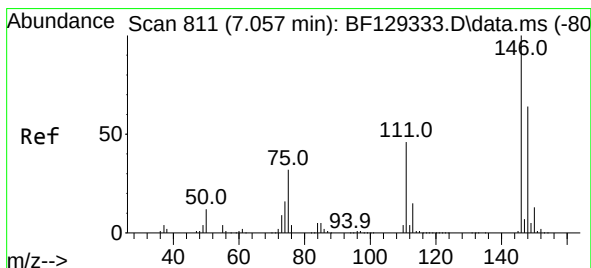
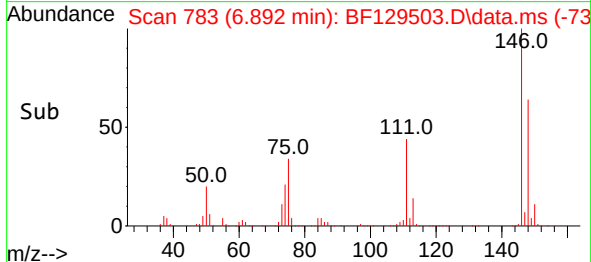
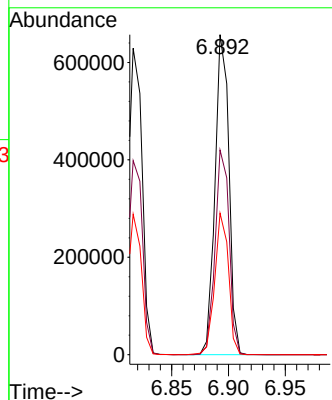
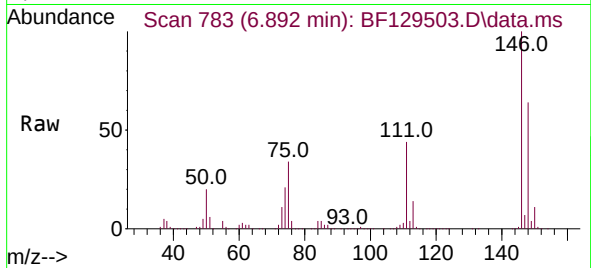




#13
1,4-Dichlorobenzene
Concen: 46.475 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

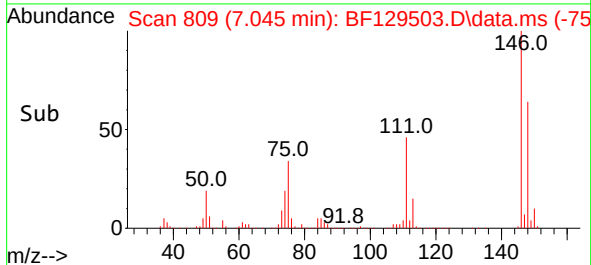
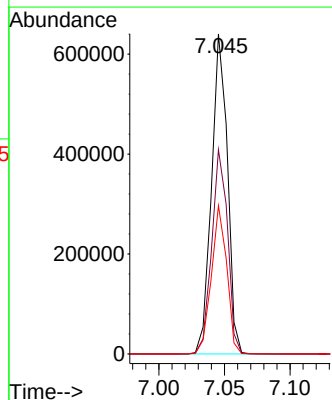
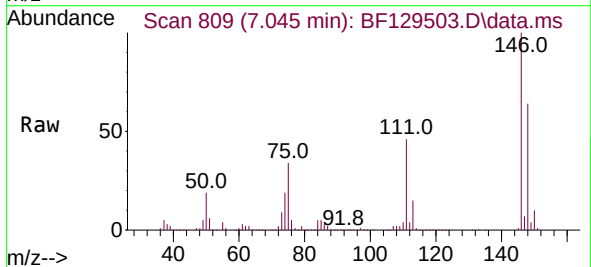
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

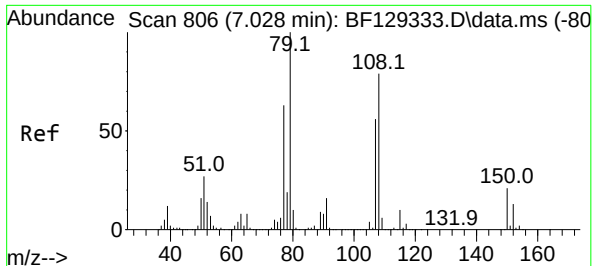
Tgt Ion:146 Resp: 560629
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 44.2 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 48.618 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:146 Resp: 539077
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 46.4 35.1 52.7

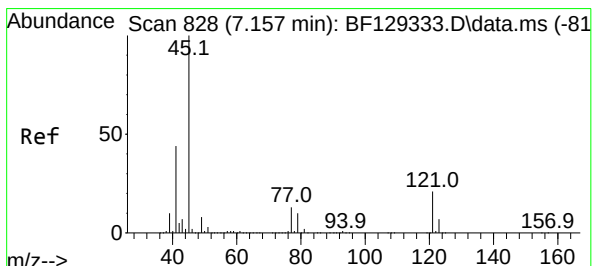
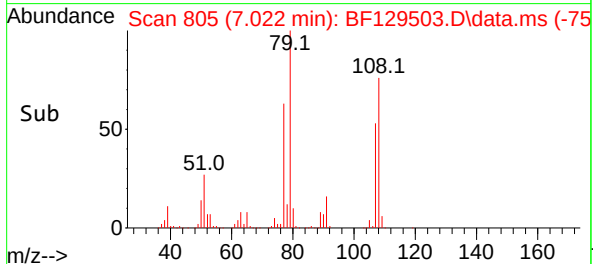
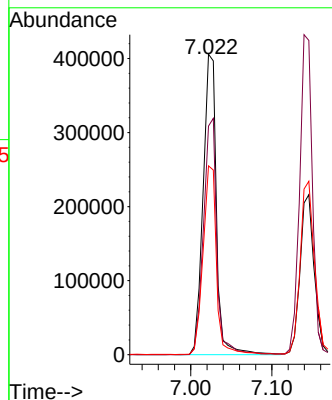
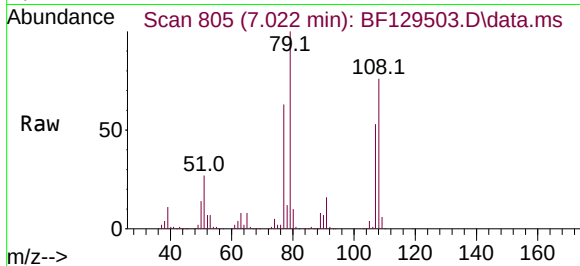




#15
Benzyl Alcohol
Concen: 50.178 ng
RT: 7.022 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

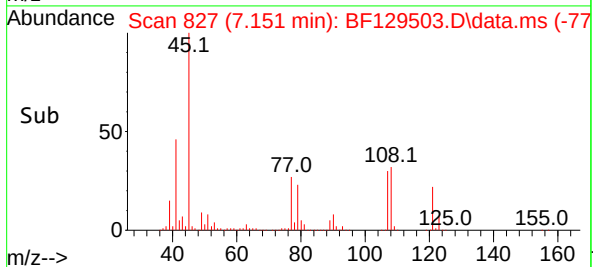
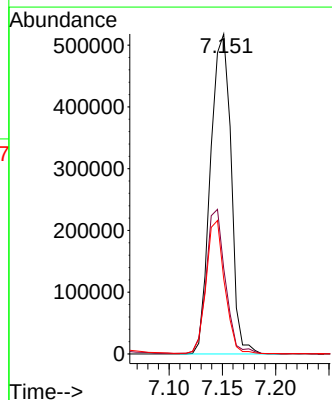
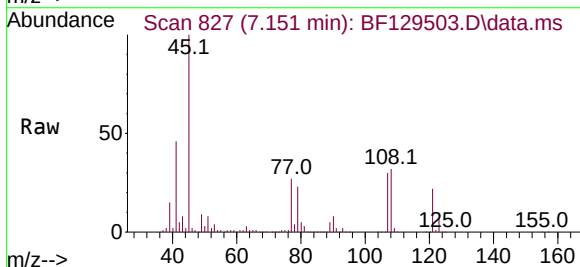
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

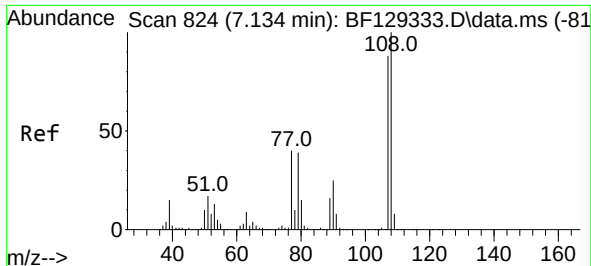
Tgt Ion: 79 Resp: 463047
Ion Ratio Lower Upper
79 100
108 76.1 61.8 92.6
77 62.8 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.936 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 45 Resp: 693540
Ion Ratio Lower Upper
45 100
77 26.8 0.0 31.3
79 23.4 0.0 28.3



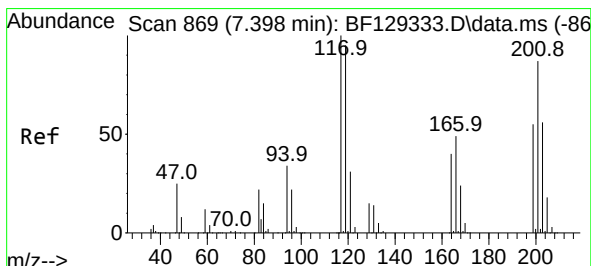
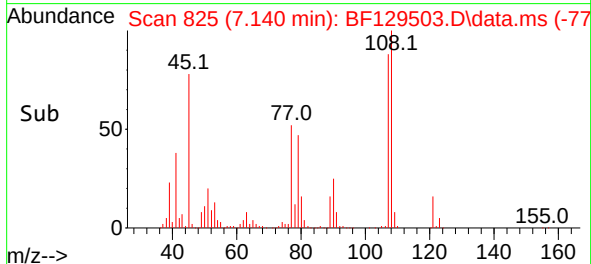
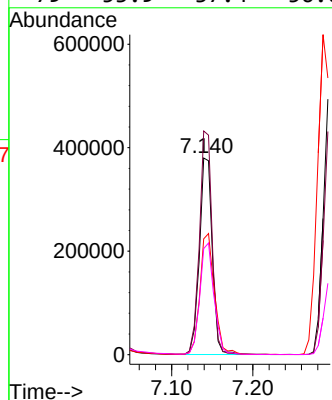
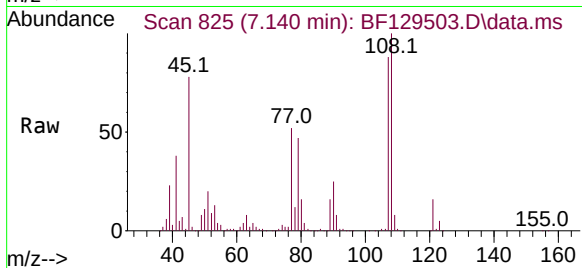


#17
2-Methylphenol
Concen: 45.748 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

Tgt Ion:107 Resp: 419732

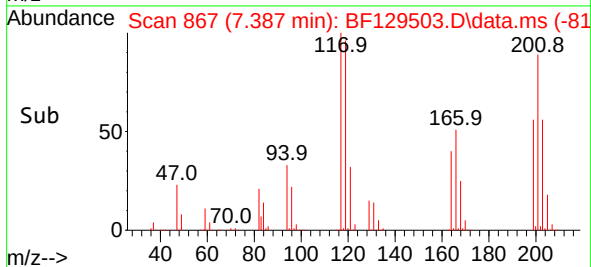
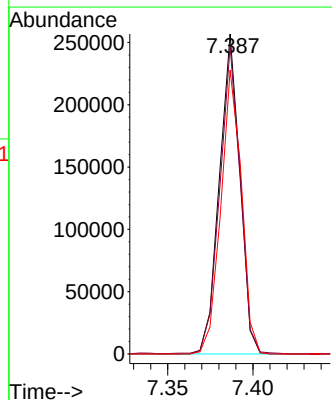
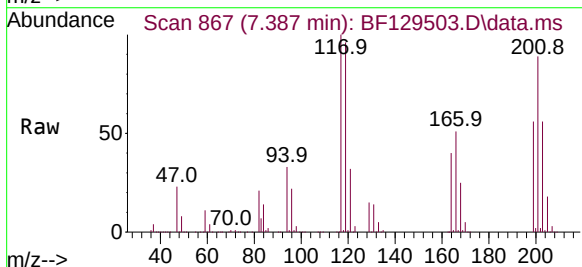
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.9	137.9
77	58.9	37.8	56.8
79	53.9	37.4	56.0

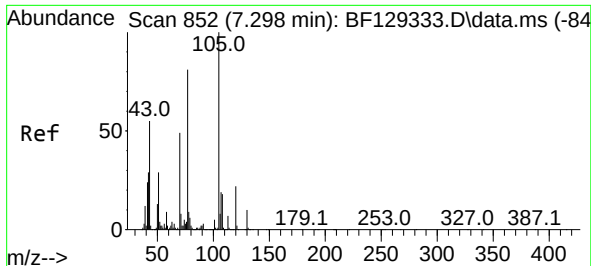


#18
Hexachloroethane
Concen: 47.275 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:117 Resp: 214735

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	88.7	84.6	127.0



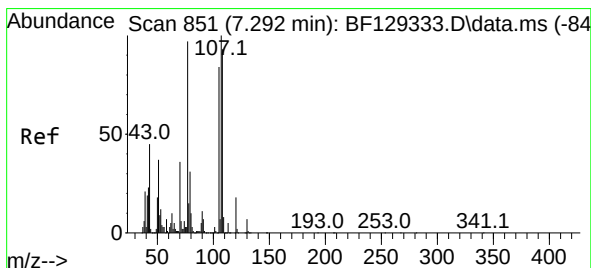
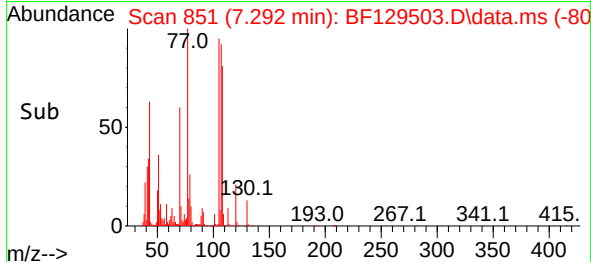
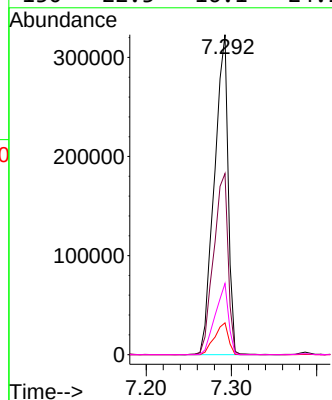
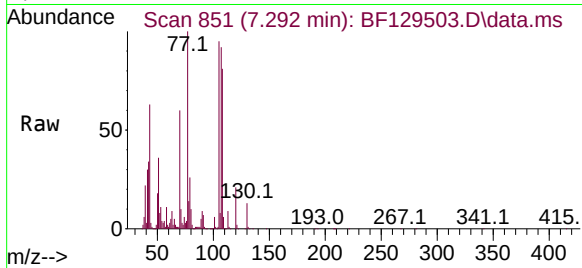


#19
n-Nitroso-di-n-propylamine
Concen: 47.144 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

Tgt Ion: 70 Resp: 363151

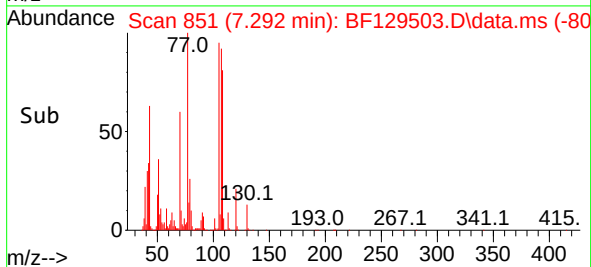
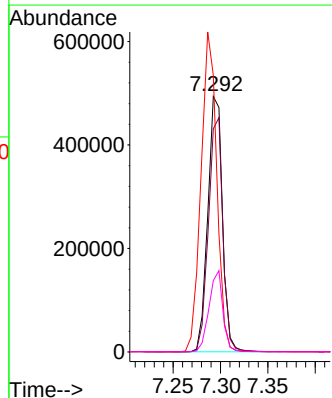
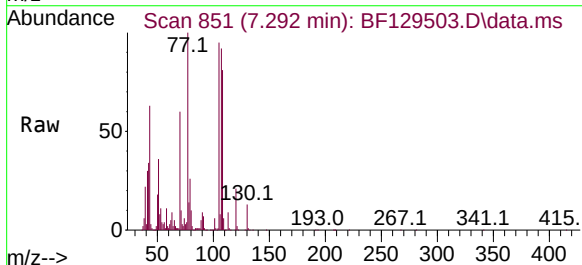
Ion	Ratio	Lower	Upper
70	100		
42	56.6	52.3	78.5
101	9.9	7.5	11.3
130	22.3	16.1	24.1

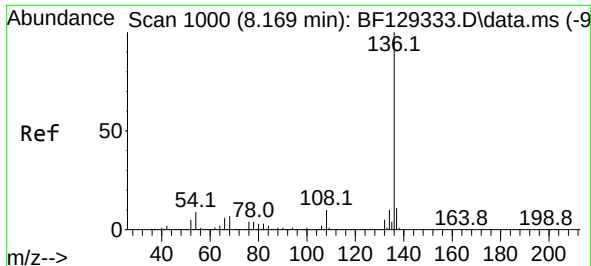


#20
3+4-Methylphenols
Concen: 45.326 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 107 Resp: 528755

Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.8	111.8
77	108.3	59.3	99.3#
79	27.9	11.7	51.7

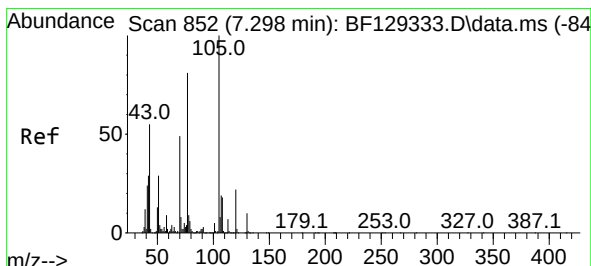
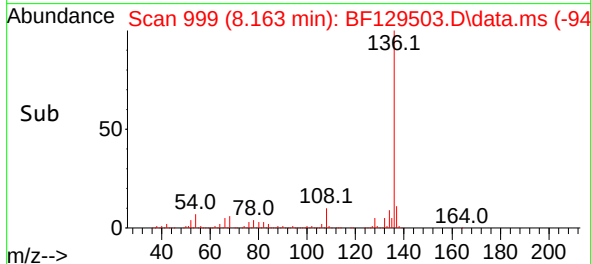
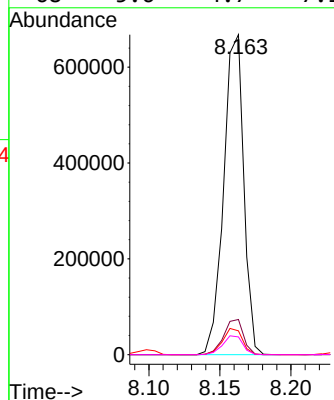
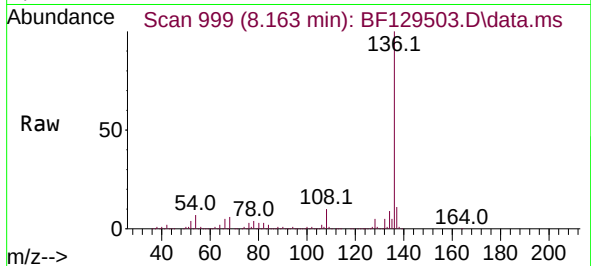




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

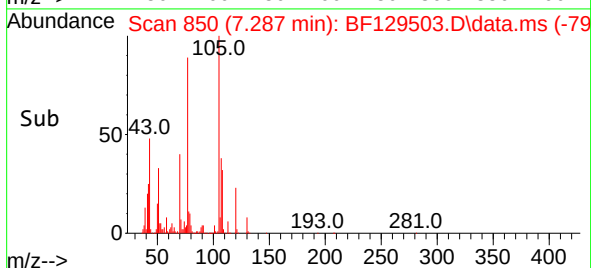
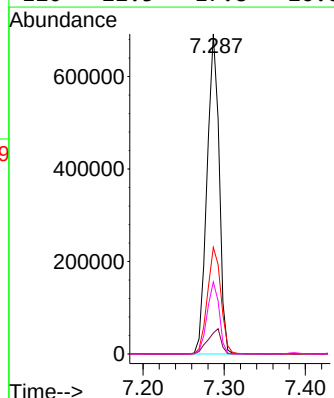
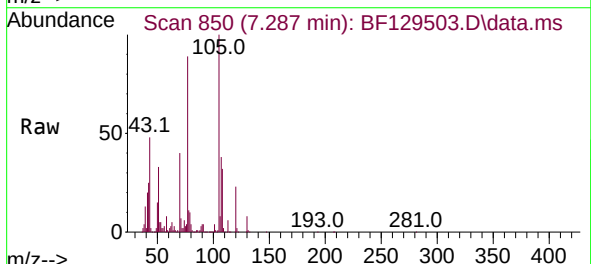
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

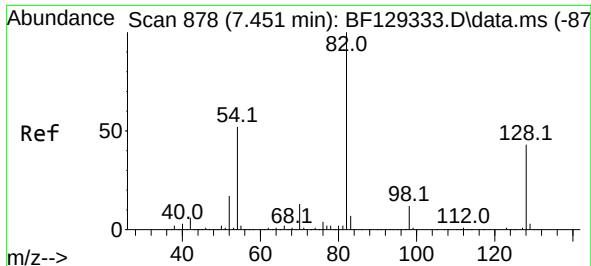
Tgt Ion:136 Resp: 655388
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 7.5 11.3#
68 5.6 4.7 7.1



#22
Acetophenone
Concen: 46.897 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:105 Resp: 715583
Ion Ratio Lower Upper
105 100
71 6.6 5.0 7.4
51 33.3 25.0 37.4
120 22.5 17.8 26.8

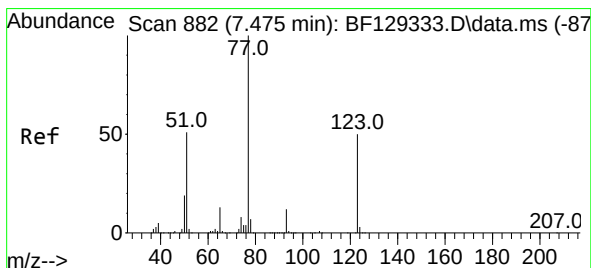
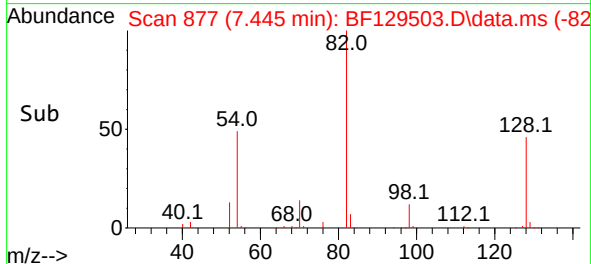
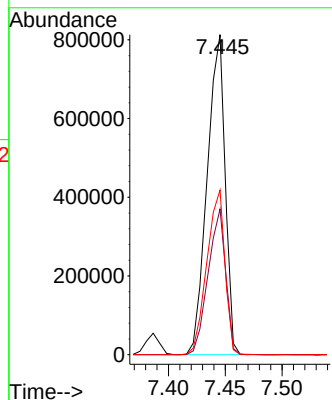
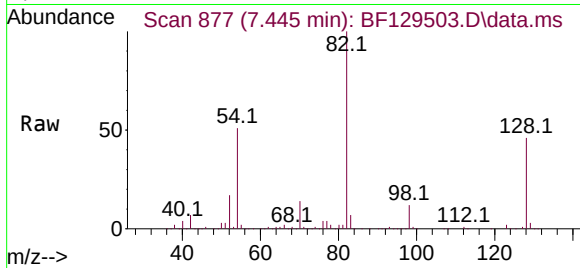




#23
Nitrobenzene-d5
Concen: 74.299 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

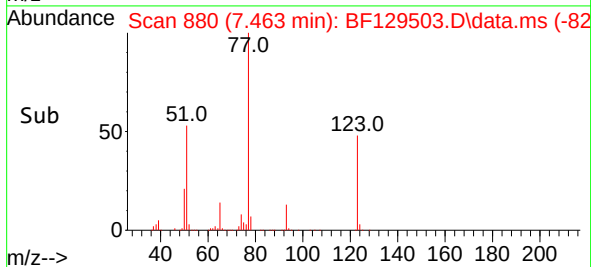
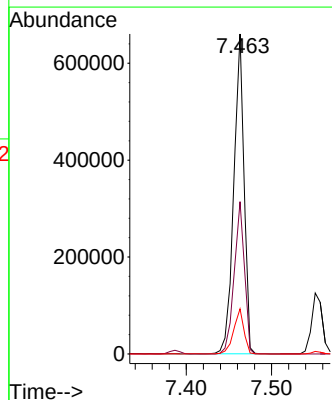
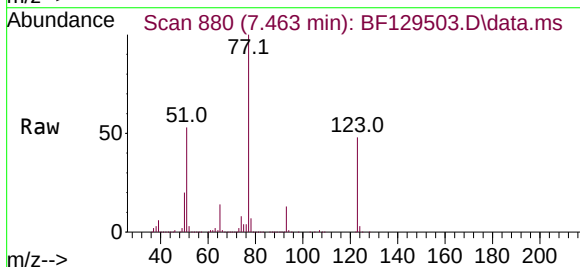
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

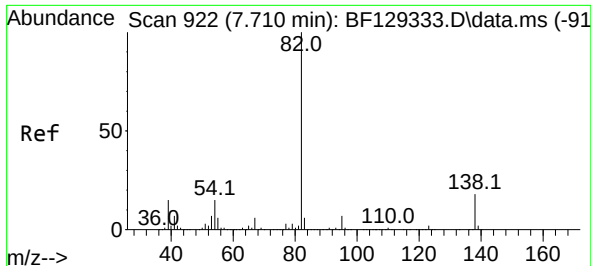
Tgt Ion: 82 Resp: 892025
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 51.4 46.9 70.3



#24
Nitrobenzene
Concen: 44.744 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 77 Resp: 553182
Ion Ratio Lower Upper
77 100
123 47.6 35.4 53.2
65 14.1 11.8 17.8

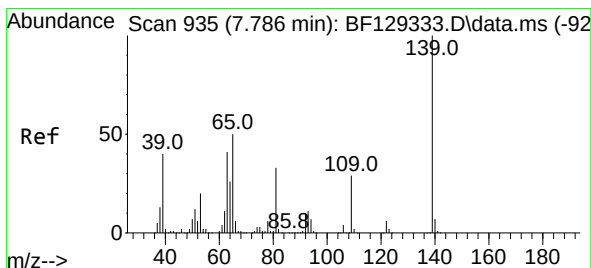
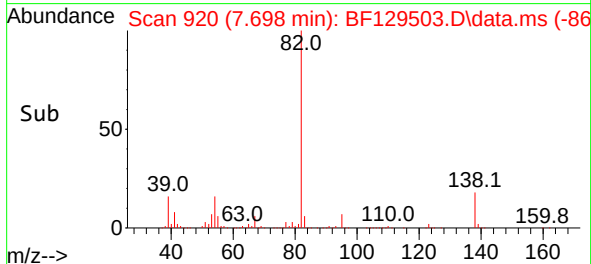
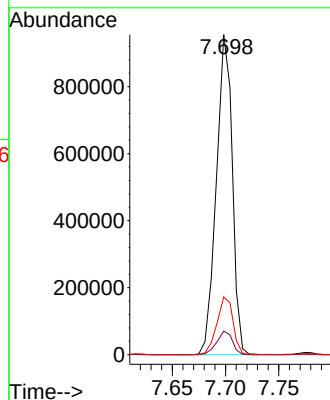
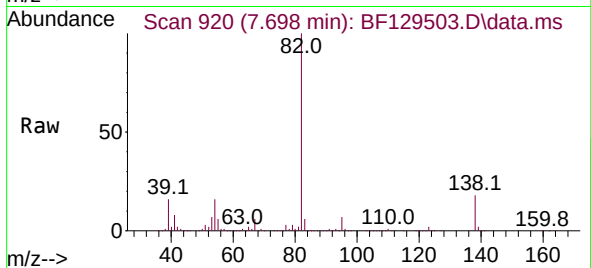




#25
Isophorone
Concen: 46.237 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

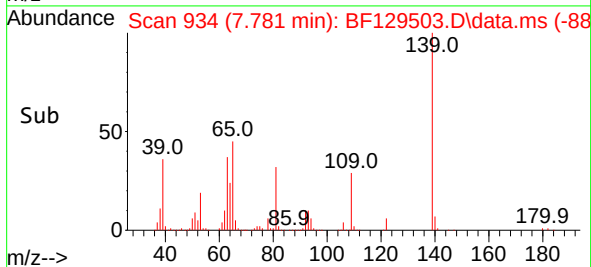
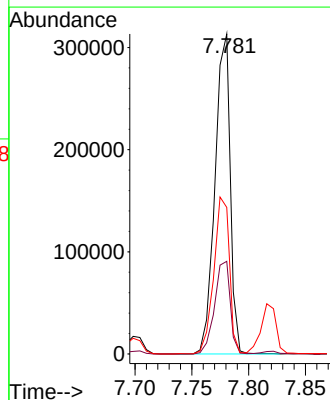
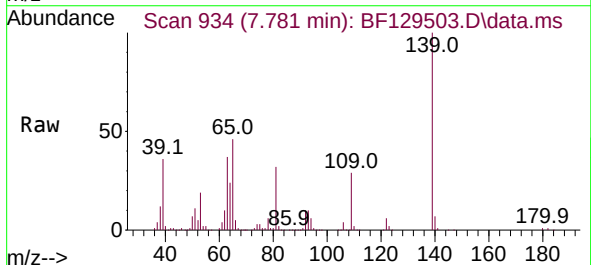
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

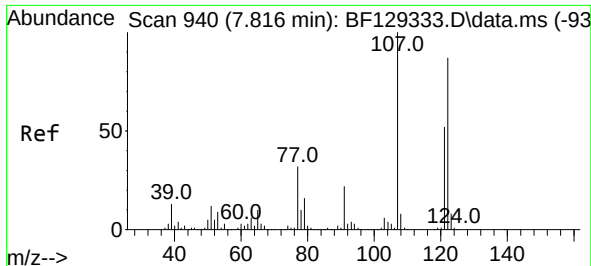
Tgt Ion: 82 Resp: 995050
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 48.034 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:139 Resp: 292965
Ion Ratio Lower Upper
139 100
109 28.9 25.0 37.4
65 45.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 49.855 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

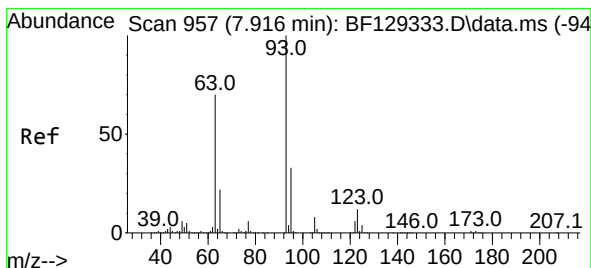
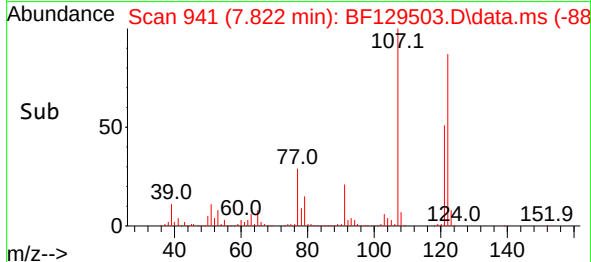
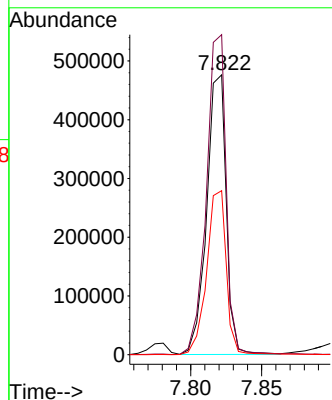
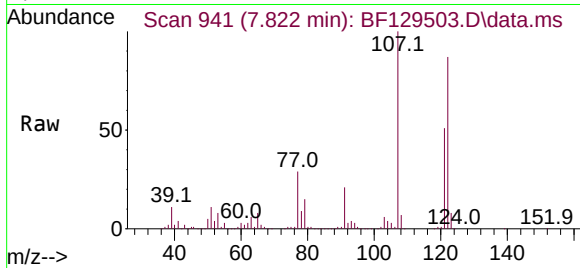
Tgt Ion:122 Resp: 456109

Ion Ratio Lower Upper

122 100

107 114.3 93.0 139.6

121 58.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.479 ng

RT: 7.904 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

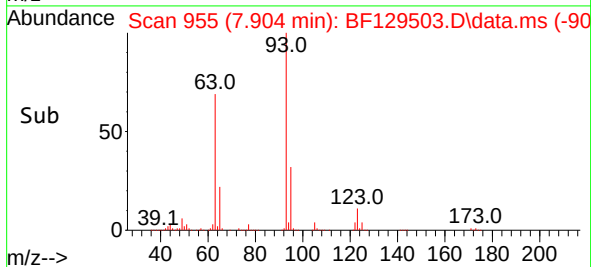
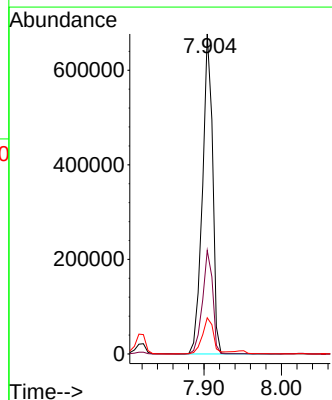
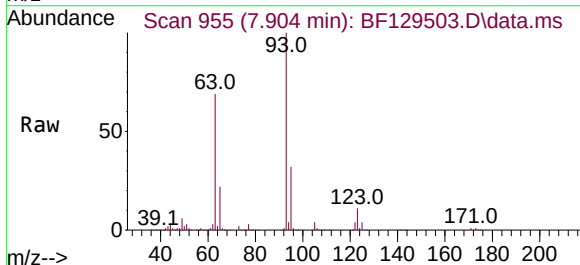
Tgt Ion: 93 Resp: 617706

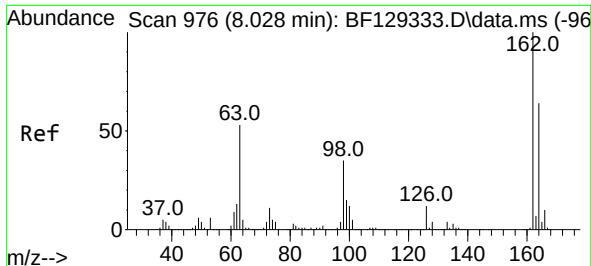
Ion Ratio Lower Upper

93 100

95 32.4 26.8 40.2

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.516 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

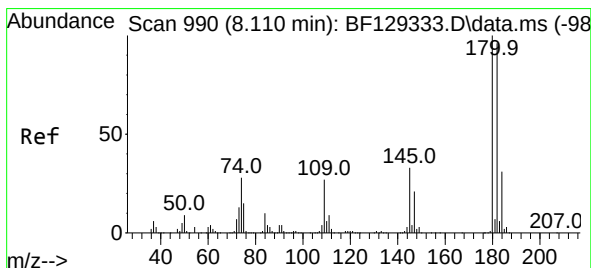
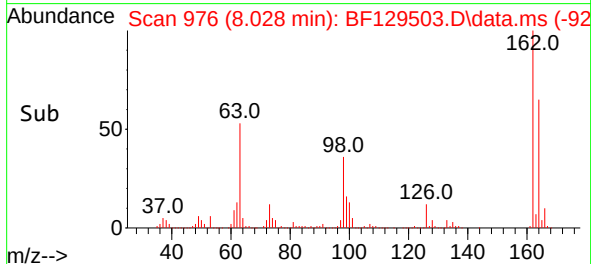
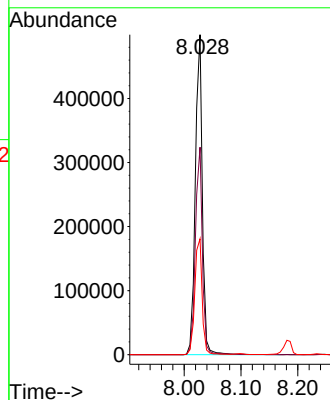
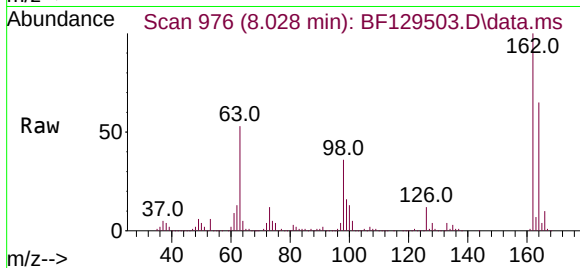
Tgt Ion:162 Resp: 429797

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

98 36.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.369 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

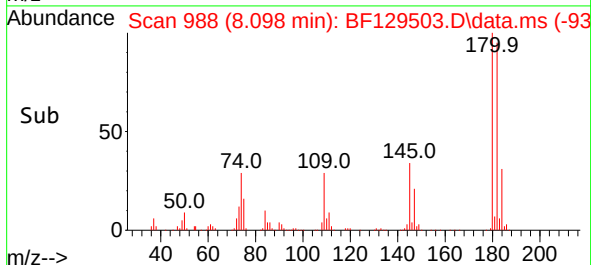
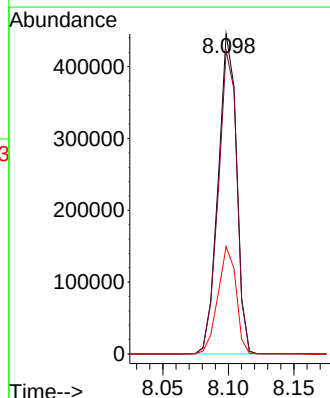
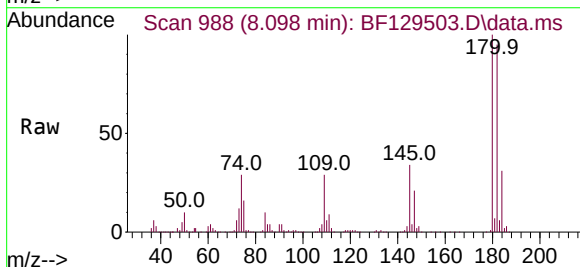
Tgt Ion:180 Resp: 433670

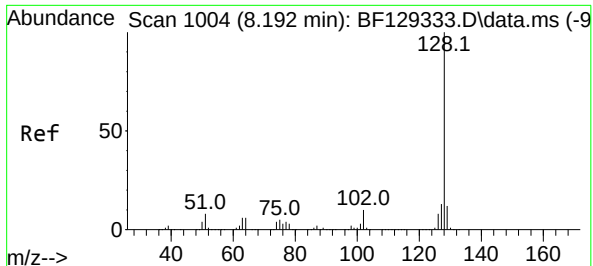
Ion Ratio Lower Upper

180 100

182 94.8 79.2 118.8

145 33.6 26.2 39.2

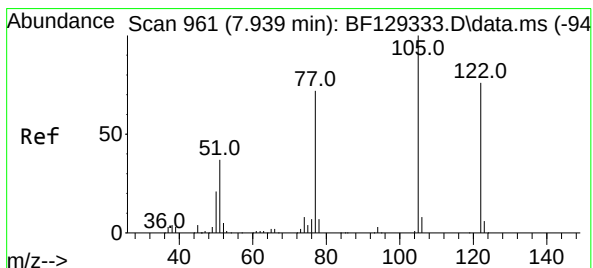
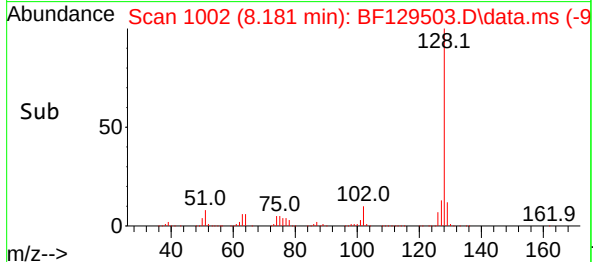
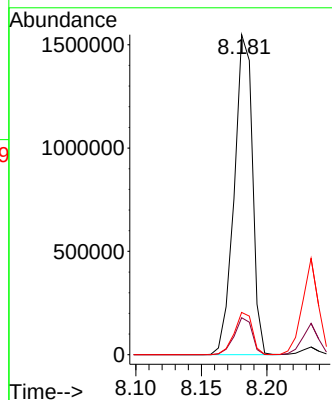
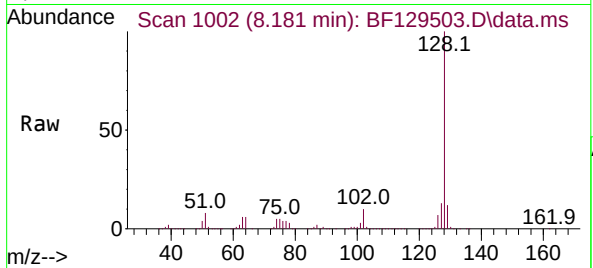




#31
Naphthalene
Concen: 45.045 ng
RT: 8.181 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

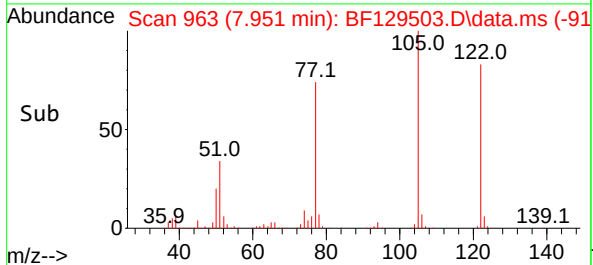
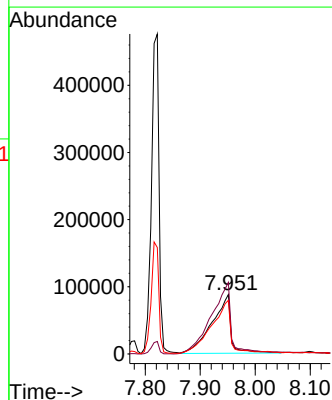
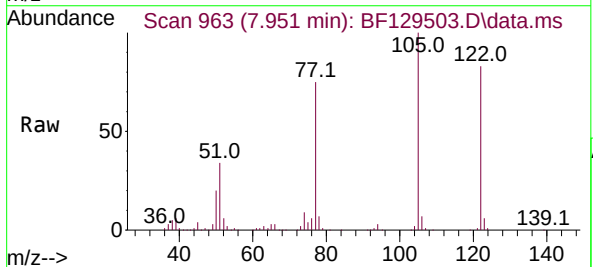
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

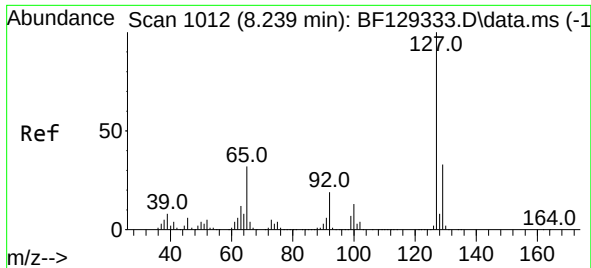
Tgt Ion:128 Resp: 1499901
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 31.970 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:122 Resp: 211448
Ion Ratio Lower Upper
122 100
105 120.5 107.1 147.1
77 90.1 74.2 114.2

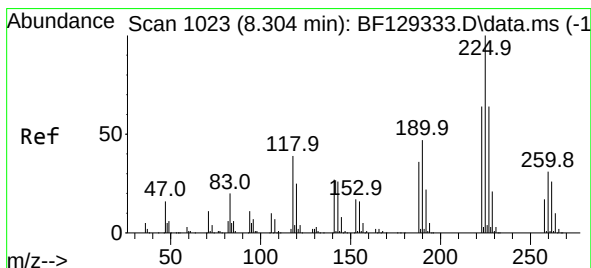
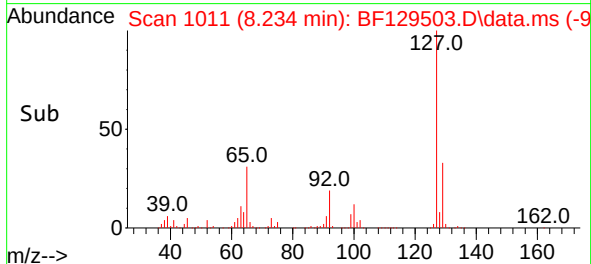
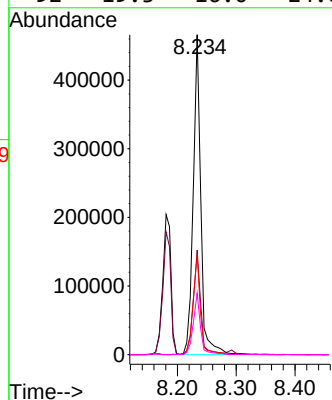
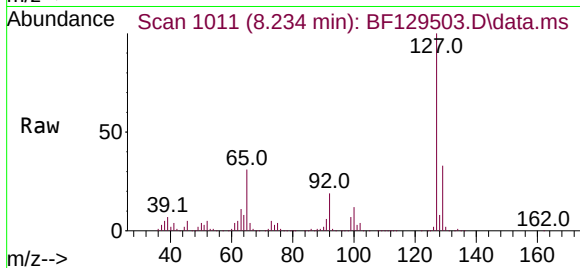




#33
4-Chloroaniline
Concen: 30.791 ng
RT: 8.234 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

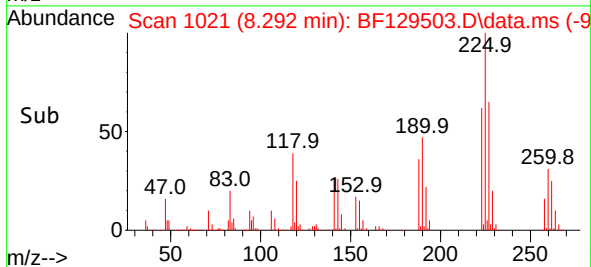
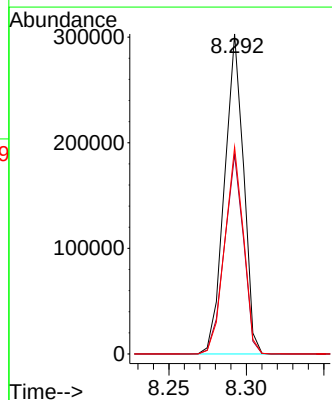
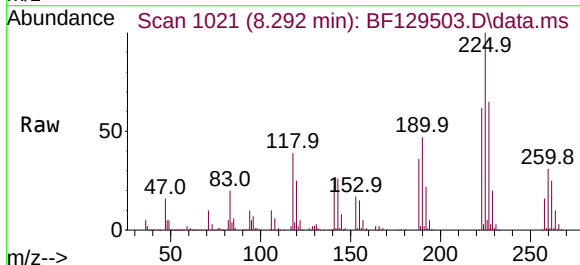
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

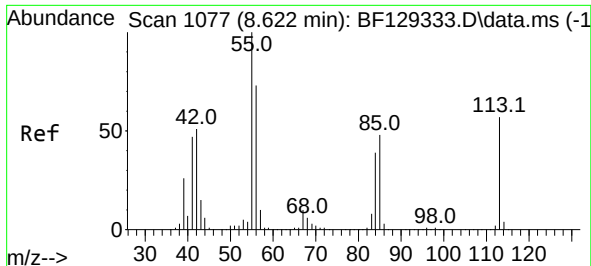
Tgt Ion:	127	Resp:	420935
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	31.0	26.4	39.6
92	19.3	16.0	24.0



#34
Hexachlorobutadiene
Concen: 46.542 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:	225	Resp:	258581
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	64.7	51.1	76.7

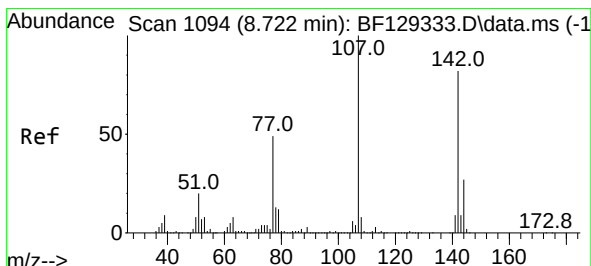
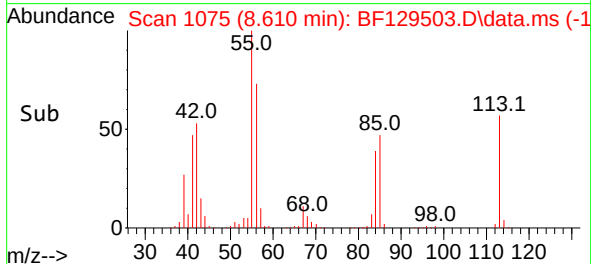
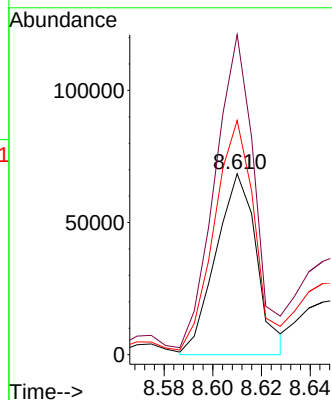
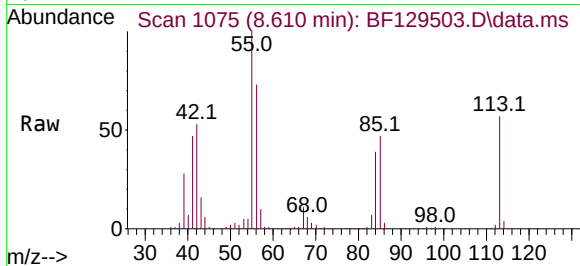




#35
 Caprolactam
 Concen: 26.031 ng
 RT: 8.610 min Scan# 1075
 Delta R.T. -0.006 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

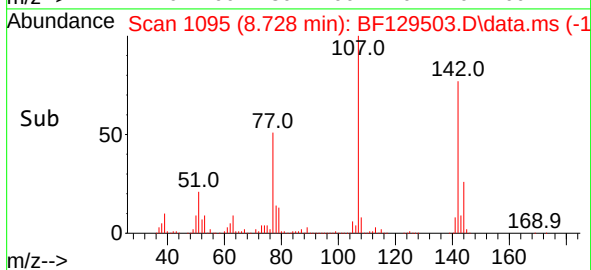
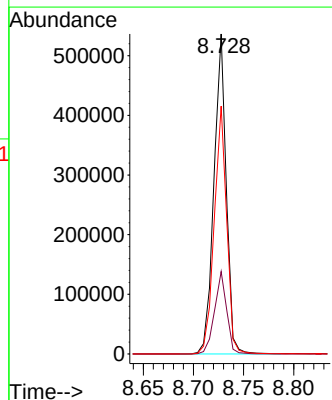
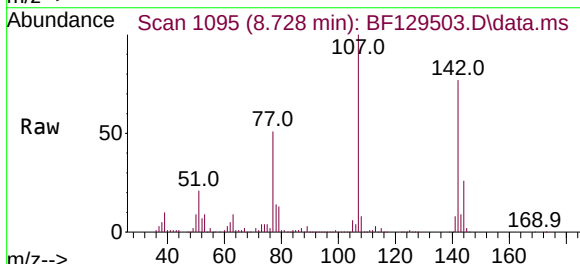
Instrument :
 BNA_F
 ClientSampleId :
 RVE-77MSD

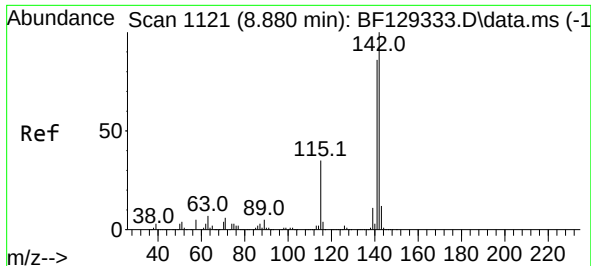
Tgt Ion:113 Resp: 79914
 Ion Ratio Lower Upper
 113 100
 55 176.8 188.5 228.5#
 56 129.4 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 45.780 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.006 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

Tgt Ion:107 Resp: 458494
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.5 29.3
 142 77.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.097 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

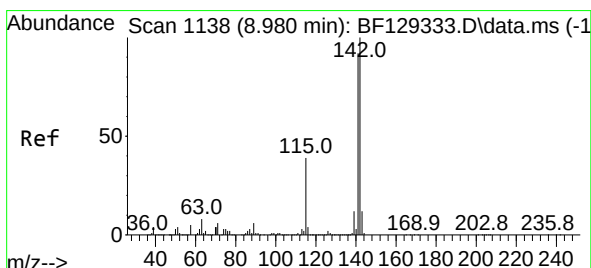
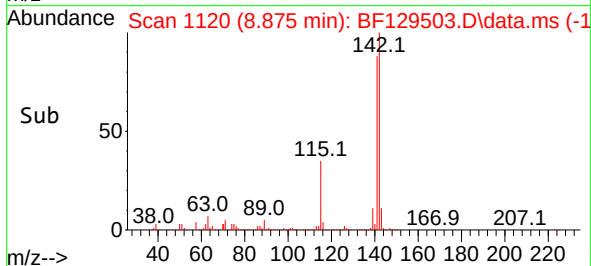
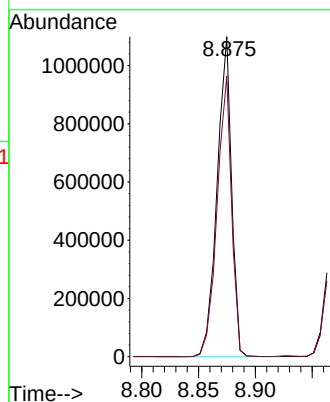
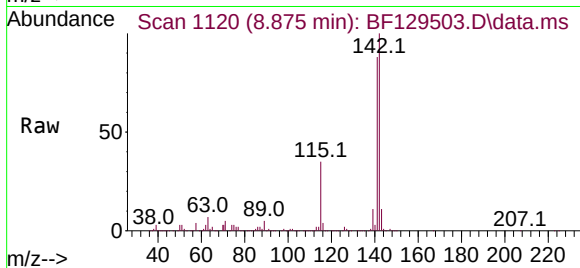
RVE-77MSD

Tgt Ion:142 Resp: 975848

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 44.283 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF129503.D

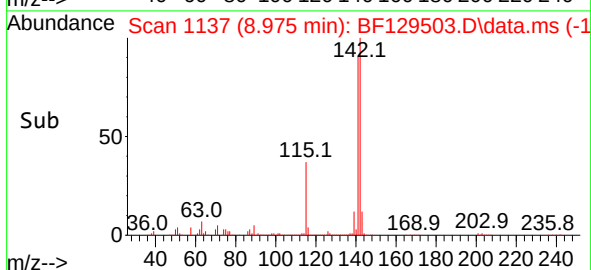
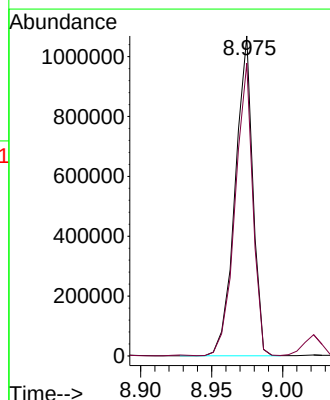
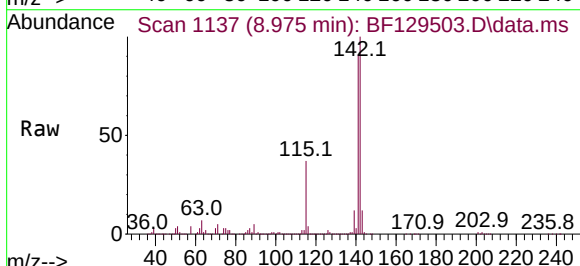
Acq: 02 Aug 2022 12:32

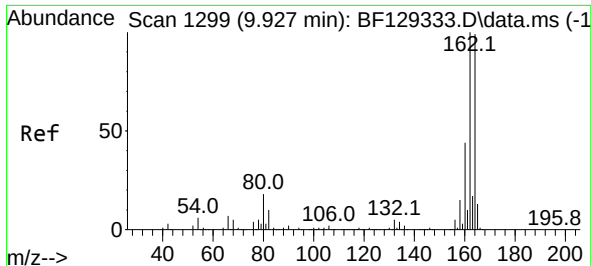
Tgt Ion:142 Resp: 925015

Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.4

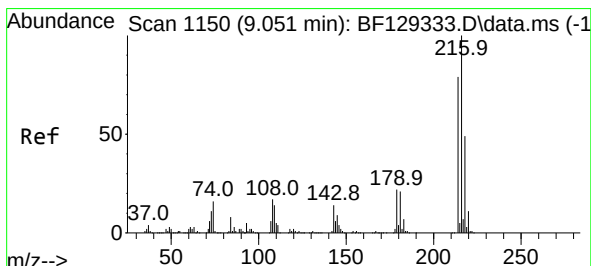
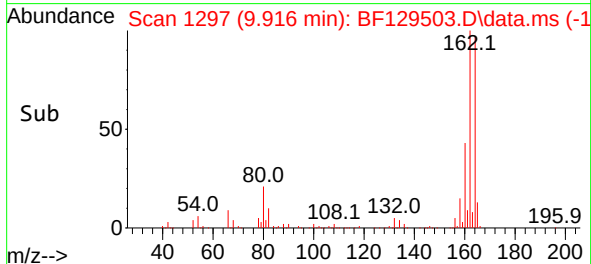
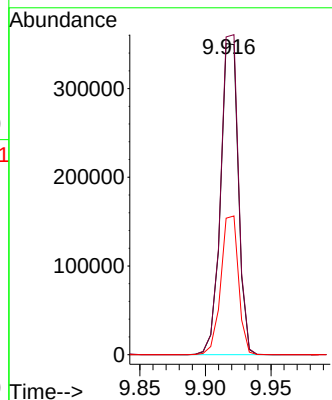
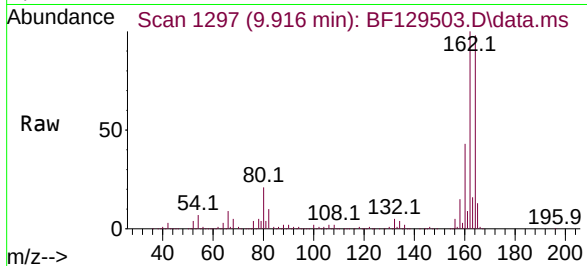




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

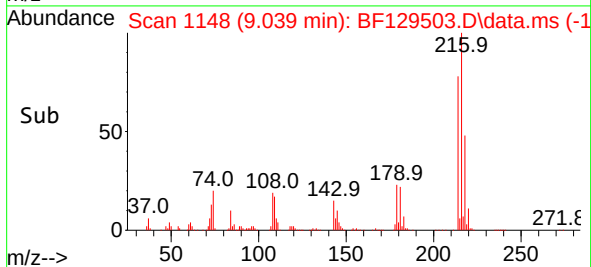
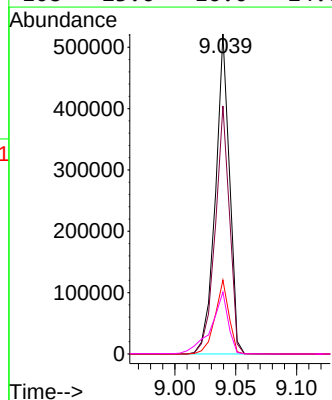
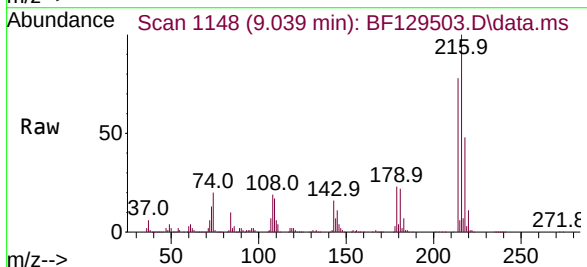
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

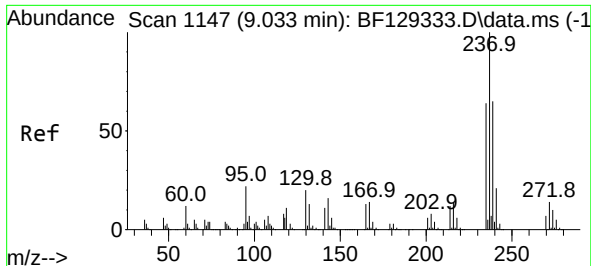
Tgt Ion:164 Resp: 330827
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.9 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.194 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:216 Resp: 418654
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 22.7 17.0 25.6
108 23.6 16.0 24.0

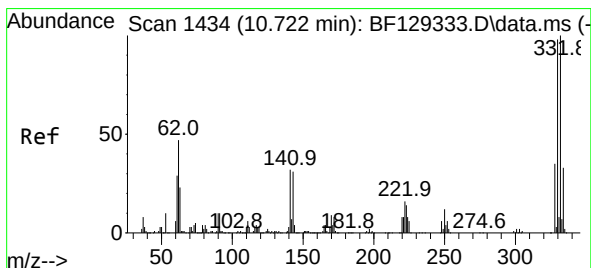
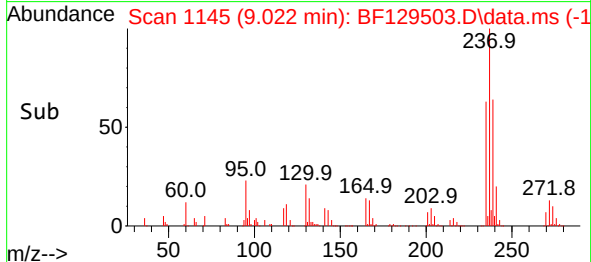
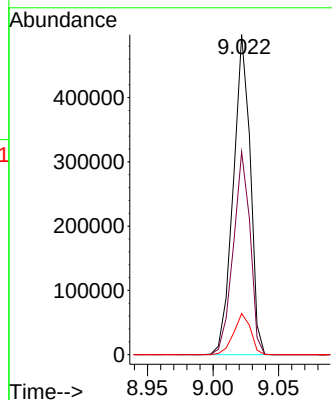
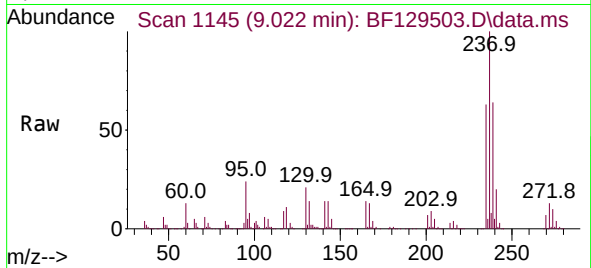




#41
Hexachlorocyclopentadiene
Concen: 116.132 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

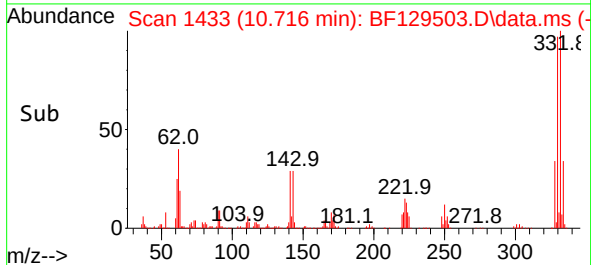
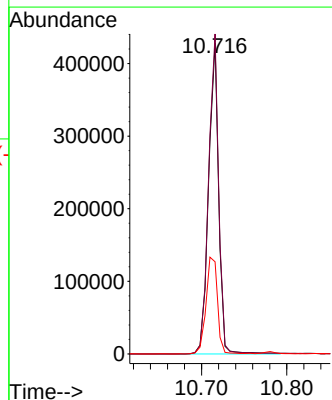
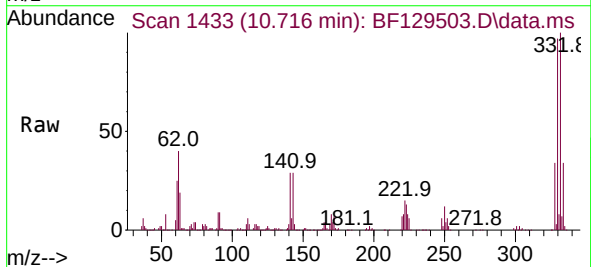
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

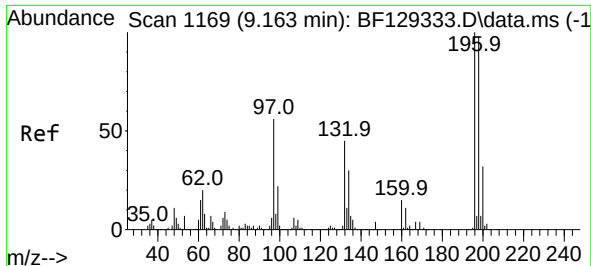
Tgt Ion:237 Resp: 449216
Ion Ratio Lower Upper
237 100
235 63.4 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 110.712 ng
RT: 10.716 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:330 Resp: 352135
Ion Ratio Lower Upper
330 100
332 104.0 76.8 115.2
141 35.6 28.0 42.0

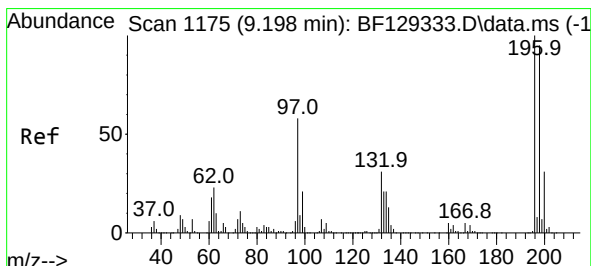
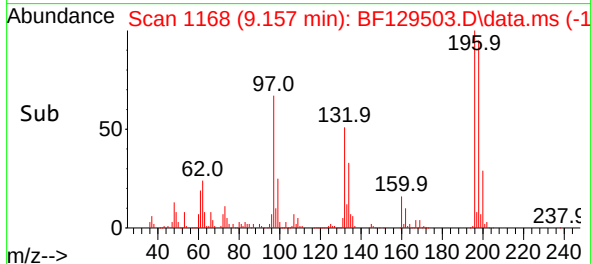
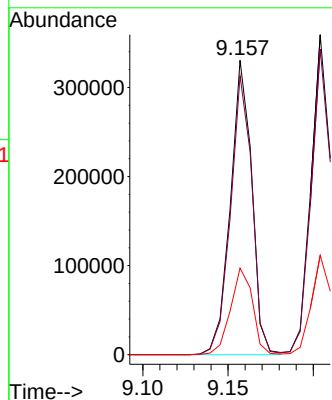
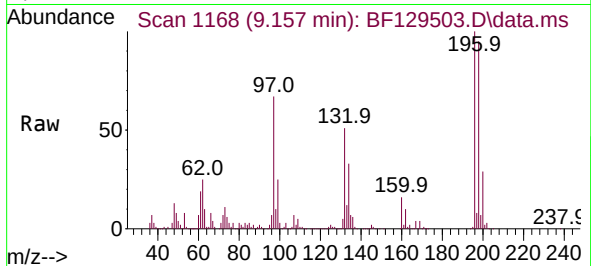




#43
2,4,6-Trichlorophenol
Concen: 45.617 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

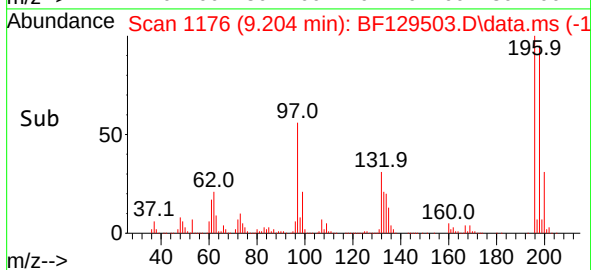
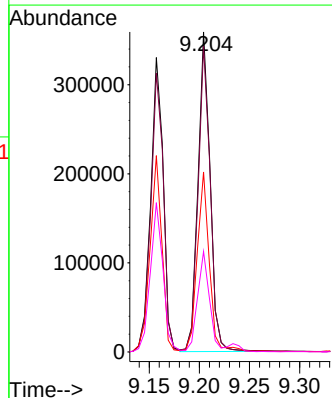
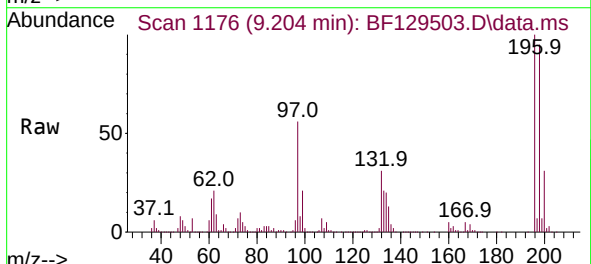
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

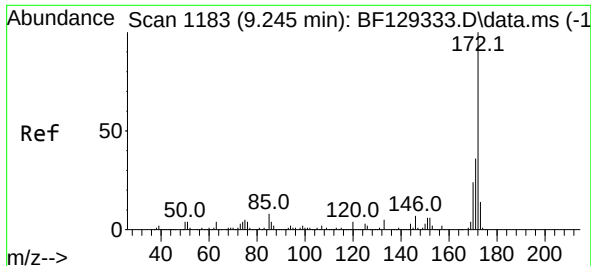
Tgt Ion:196 Resp: 287811
Ion Ratio Lower Upper
196 100
198 94.7 74.0 111.0
200 29.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.026 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:196 Resp: 302073
Ion Ratio Lower Upper
196 100
198 95.5 75.7 113.5
97 56.2 36.4 54.6#
132 31.4 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 74.478 ng

RT: 9.233 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

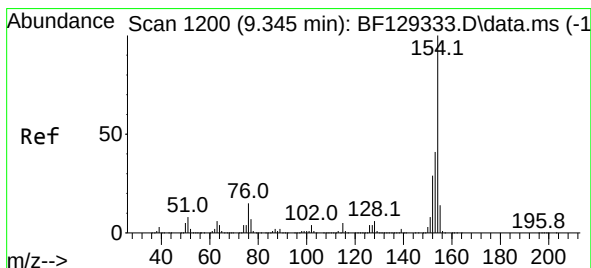
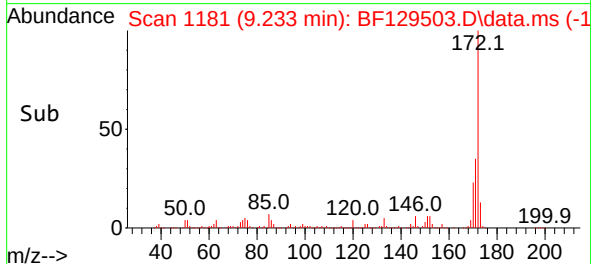
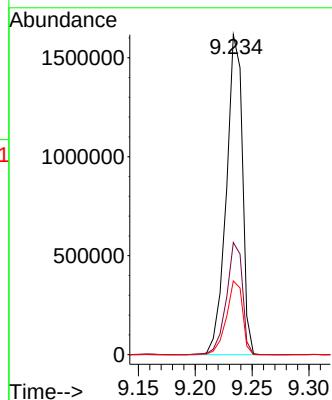
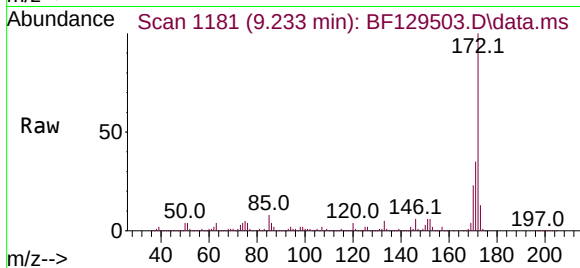
Tgt Ion:172 Resp: 1592762

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.1 19.8 29.8



#46

1,1'-Biphenyl

Concen: 47.738 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

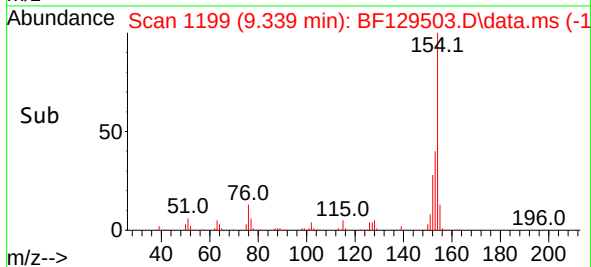
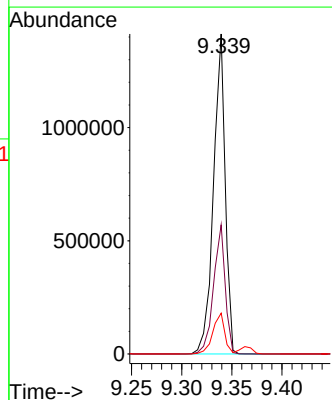
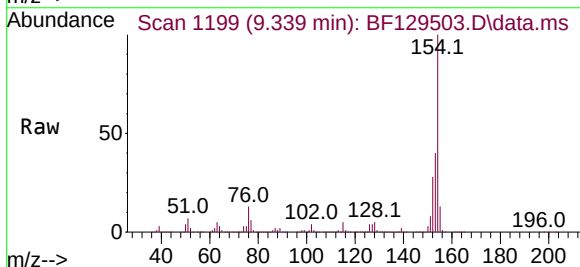
Tgt Ion:154 Resp: 1152582

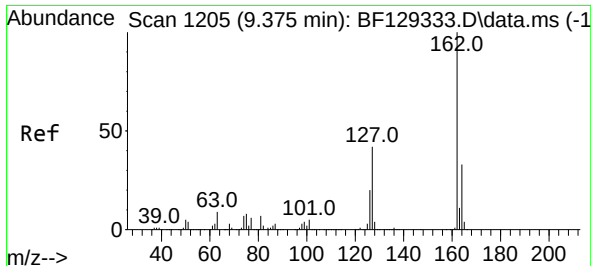
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 12.7 0.0 33.3

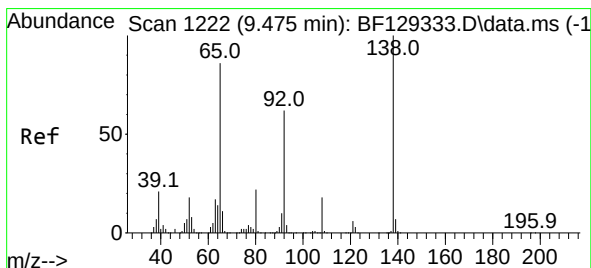
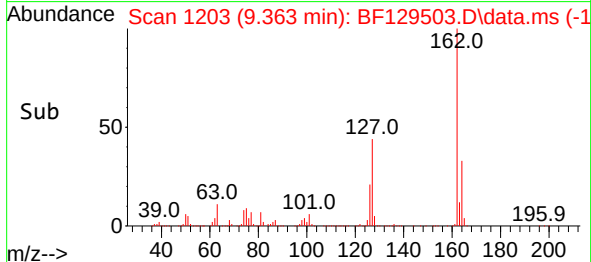
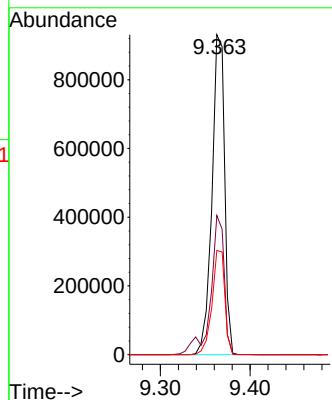
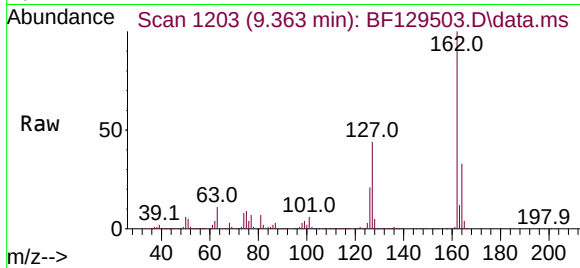




#47
2-Chloronaphthalene
Concen: 46.619 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

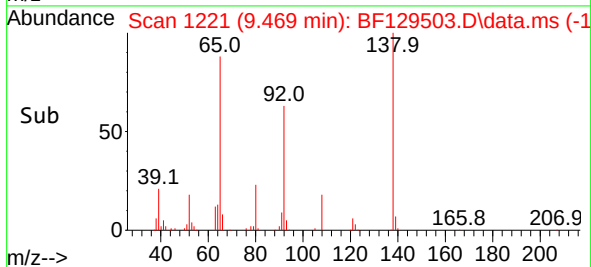
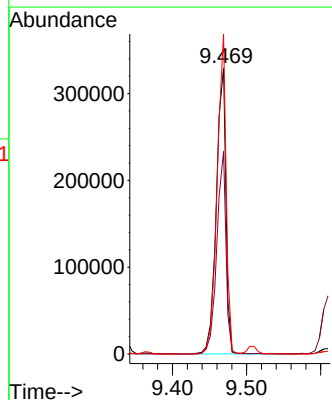
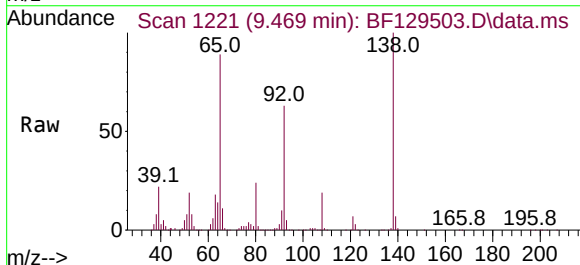
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

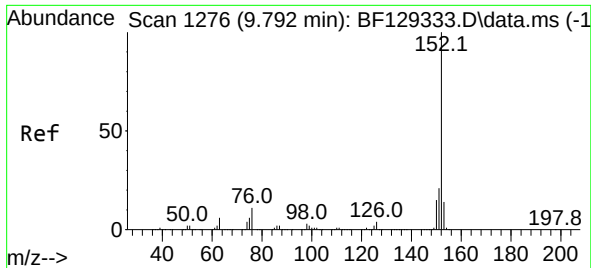
Tgt Ion:162 Resp: 909895
Ion Ratio Lower Upper
162 100
127 43.5 34.5 51.7
164 32.5 26.5 39.7



#48
2-Nitroaniline
Concen: 45.452 ng
RT: 9.469 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion: 65 Resp: 294989
Ion Ratio Lower Upper
65 100
92 70.8 51.9 77.9
138 111.9 76.4 114.6

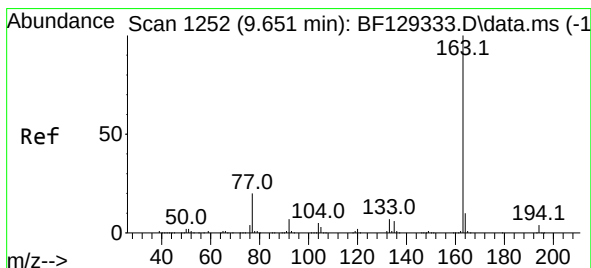
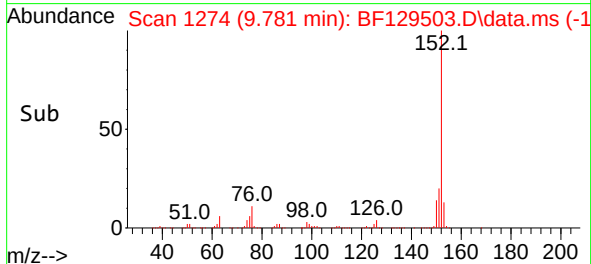
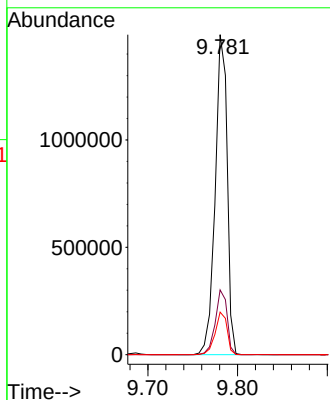
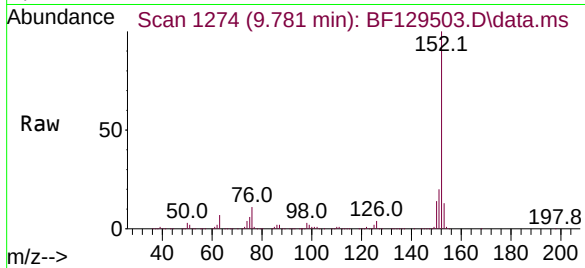




#49
Acenaphthylene
Concen: 46.687 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

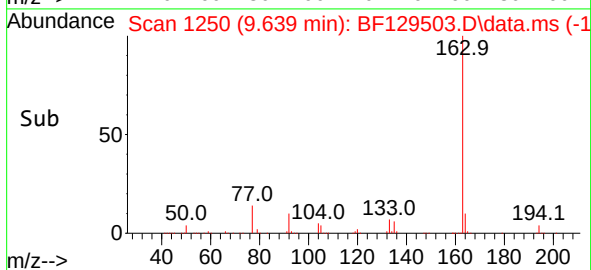
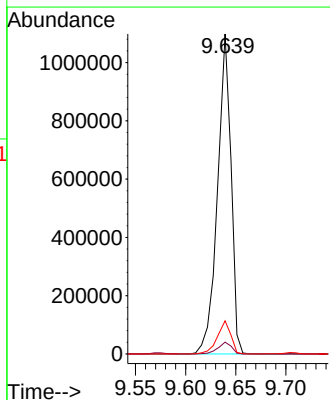
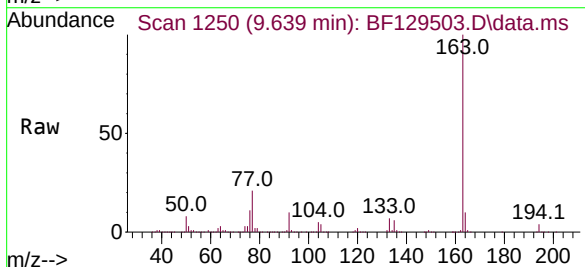
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

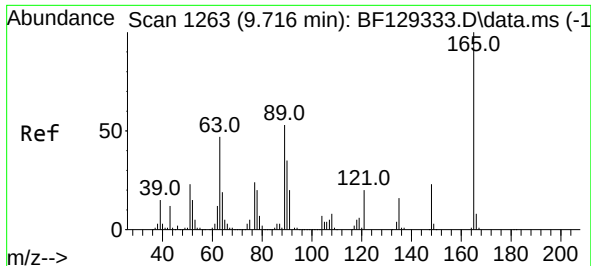
Tgt Ion:152 Resp: 1384607
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 44.987 ng
RT: 9.639 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:163 Resp: 1027403
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.807 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

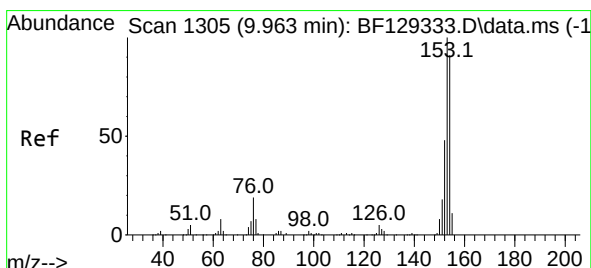
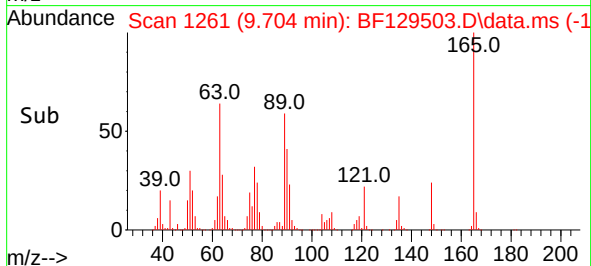
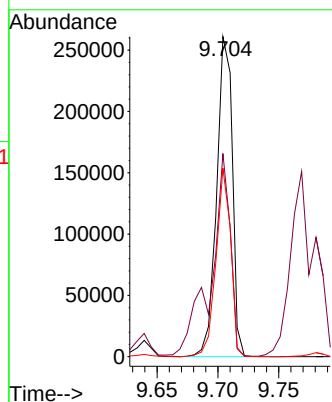
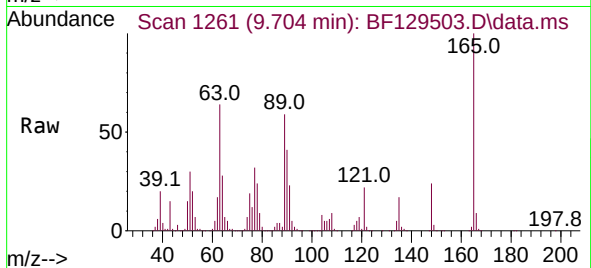
Tgt Ion:165 Resp: 234147

Ion Ratio Lower Upper

165 100

63 63.5 44.9 67.3

89 58.9 43.6 65.4



#52

Acenaphthene

Concen: 42.166 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

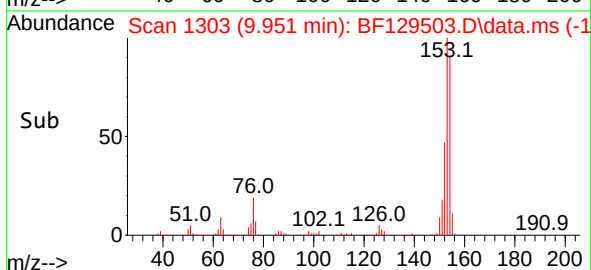
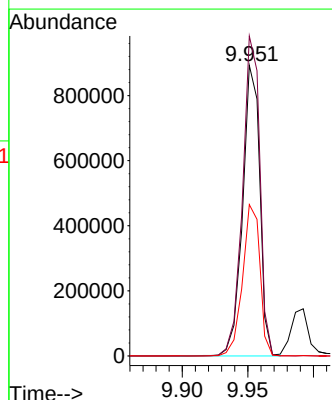
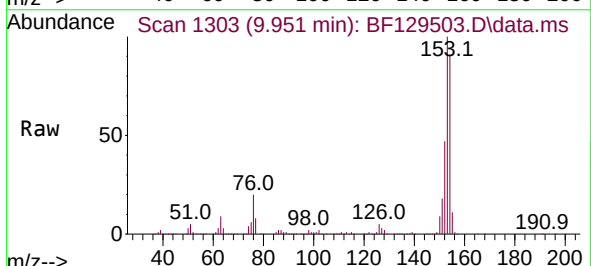
Tgt Ion:154 Resp: 816764

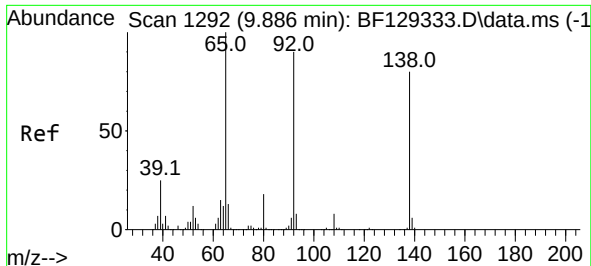
Ion Ratio Lower Upper

154 100

153 110.1 89.6 134.4

152 52.1 42.4 63.6

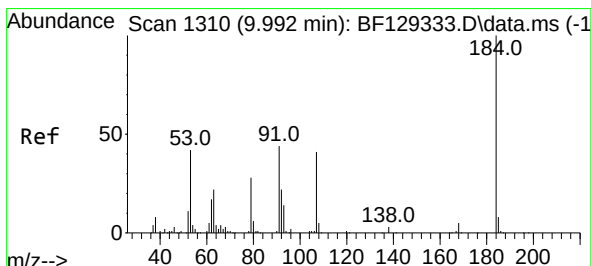
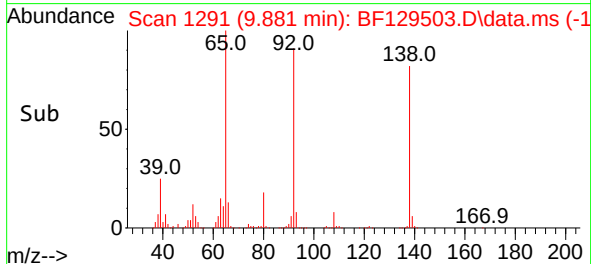
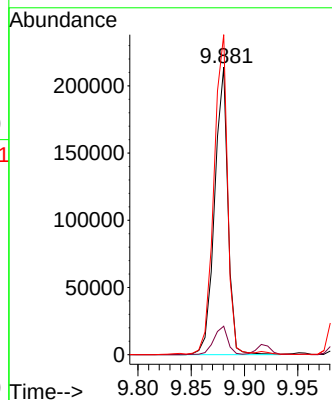
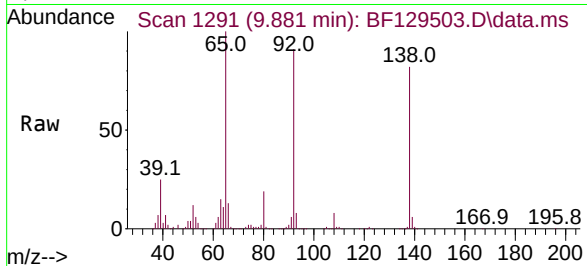




#53
3-Nitroaniline
Concen: 30.806 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

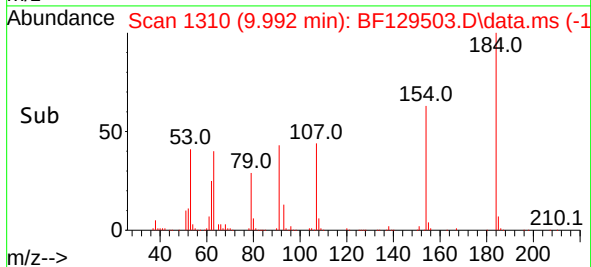
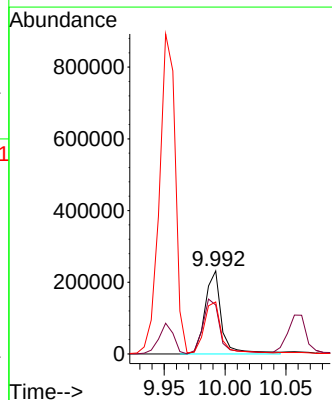
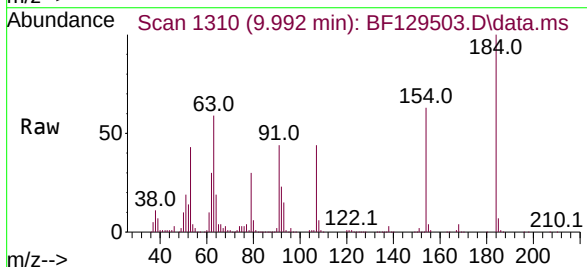
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

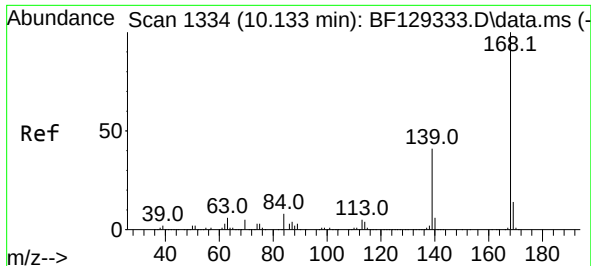
Tgt Ion:138 Resp: 185945
Ion Ratio Lower Upper
138 100
108 9.9 10.9 16.3#
92 111.4 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 83.839 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:184 Resp: 218775
Ion Ratio Lower Upper
184 100
63 59.1 64.5 96.7#
154 62.6 50.6 75.8

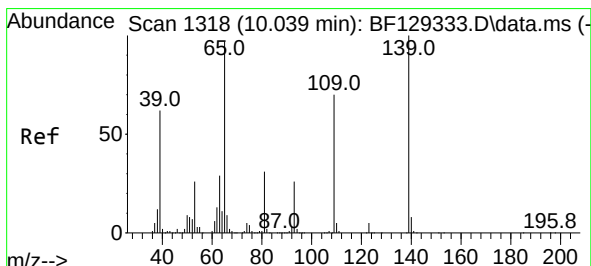
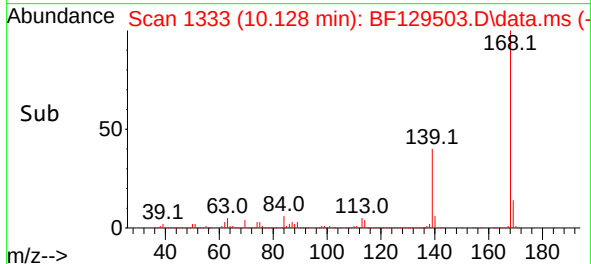
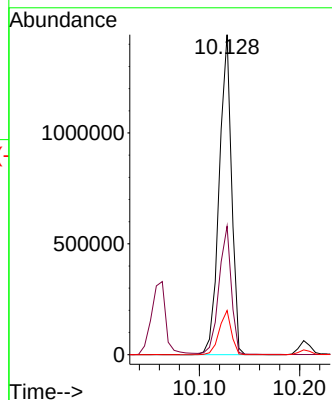
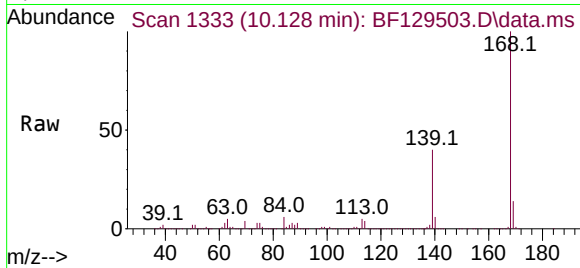




#55
Dibenzenofuran
Concen: 46.005 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

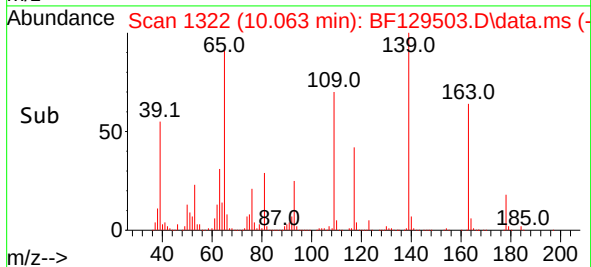
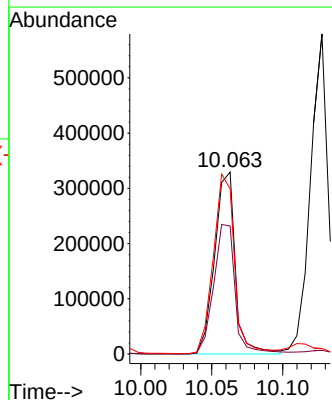
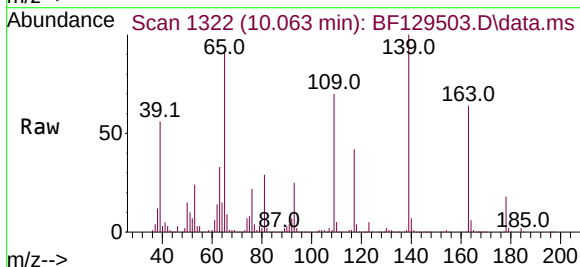
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

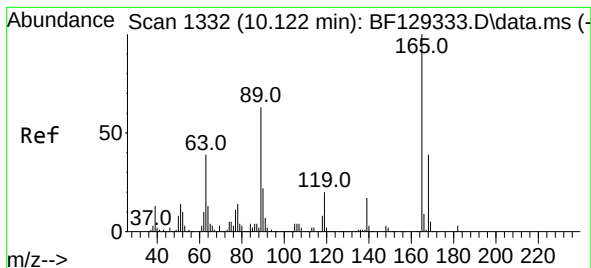
Tgt Ion:168 Resp: 1228456
Ion Ratio Lower Upper
168 100
139 40.2 30.6 46.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 74.631 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.018 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:139 Resp: 332333
Ion Ratio Lower Upper
139 100
109 70.4 50.7 90.7
65 90.7 74.5 114.5

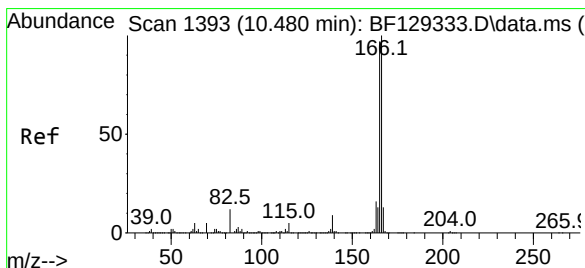
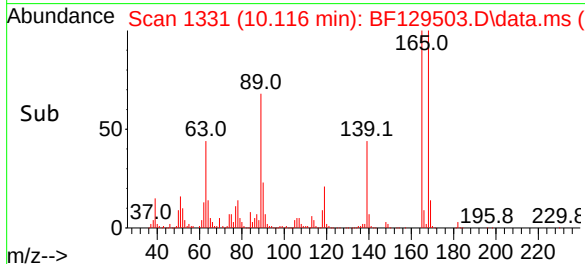
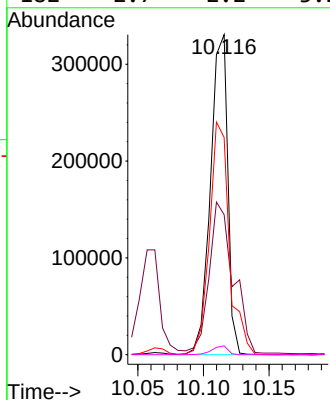
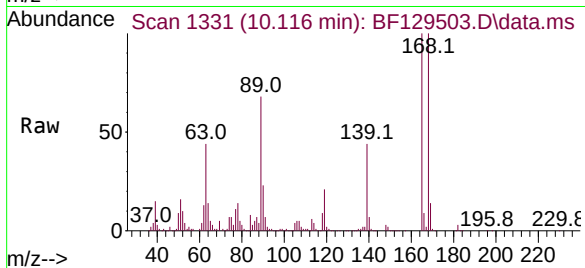




#57
2,4-Dinitrotoluene
Concen: 45.396 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

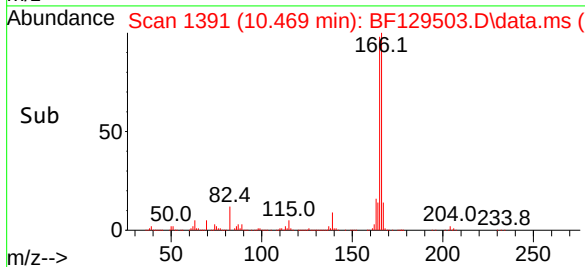
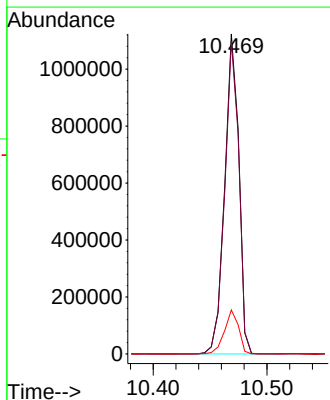
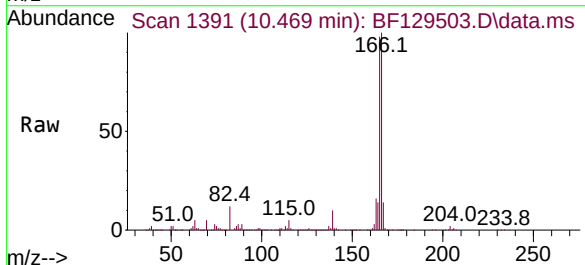
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

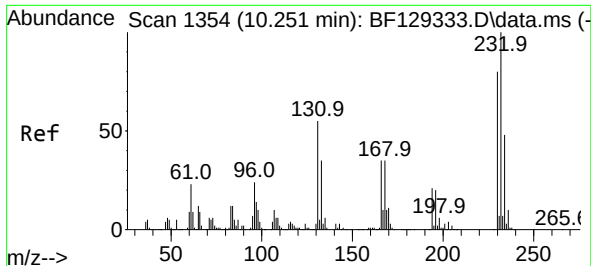
Tgt Ion:165 Resp: 303131
Ion Ratio Lower Upper
165 100
63 43.7 39.8 59.6
89 67.9 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.613 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:166 Resp: 974528
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.7 10.5 15.7

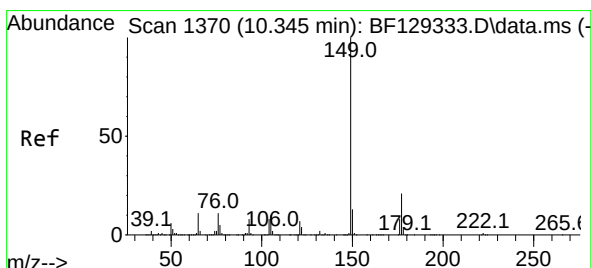
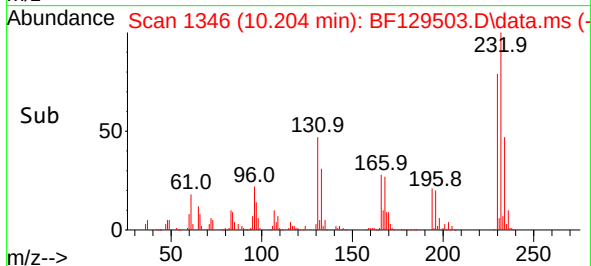
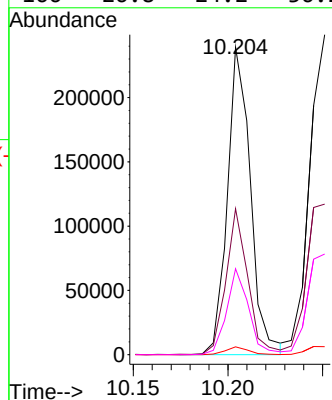
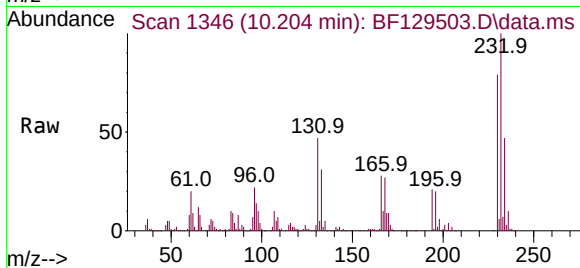




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.194 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

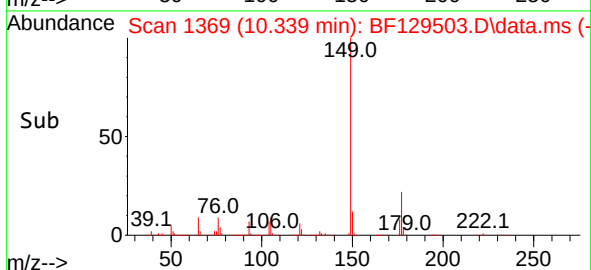
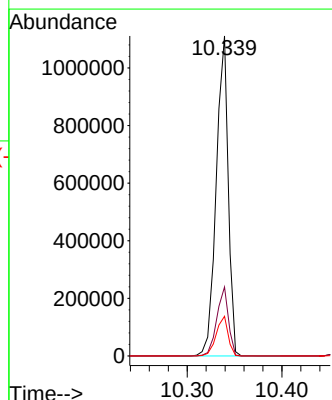
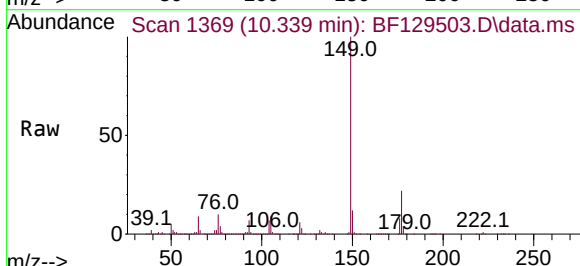
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

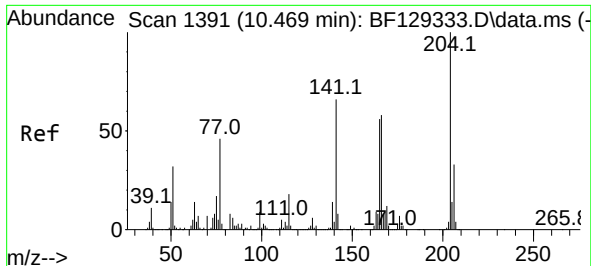
Tgt Ion:232 Resp: 202516
Ion Ratio Lower Upper
232 100
131 45.3 36.1 54.1
130 2.6 1.8 2.8
166 26.8 24.2 36.2



#60
Diethylphthalate
Concen: 44.118 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:149 Resp: 974003
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.4 10.2 15.2

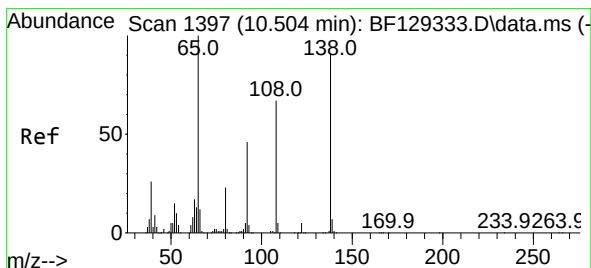
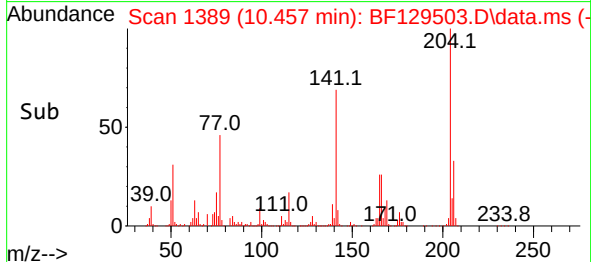
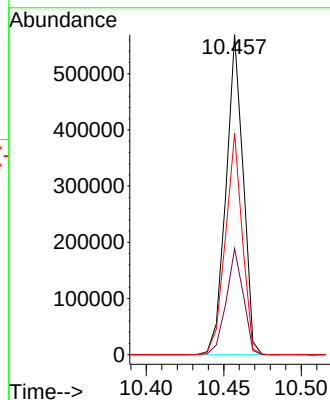
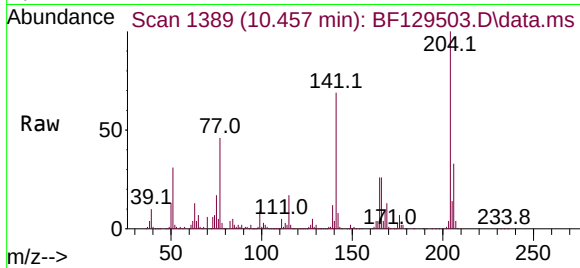




#61
4-Chlorophenyl-phenylether
Concen: 46.552 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

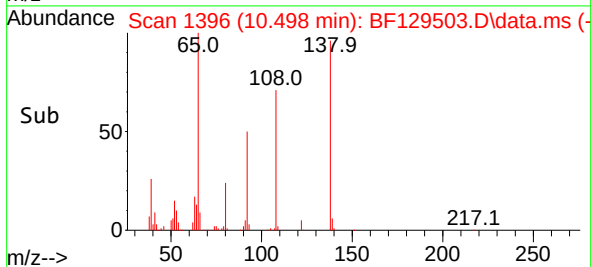
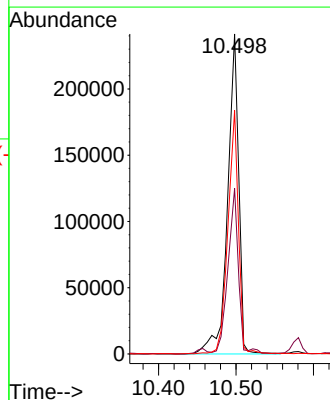
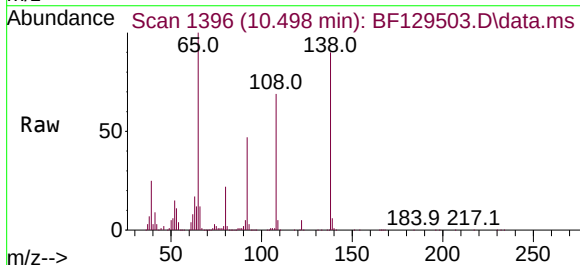
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

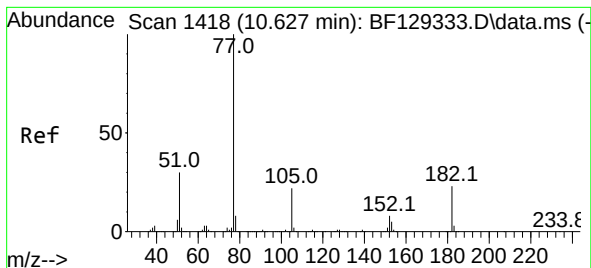
Tgt Ion:204 Resp: 438480
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 69.3 47.0 70.4



#62
4-Nitroaniline
Concen: 40.272 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:138 Resp: 241141
Ion Ratio Lower Upper
138 100
92 51.7 33.5 73.5
108 76.1 61.0 101.0

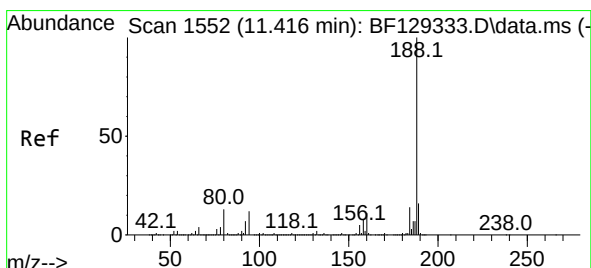
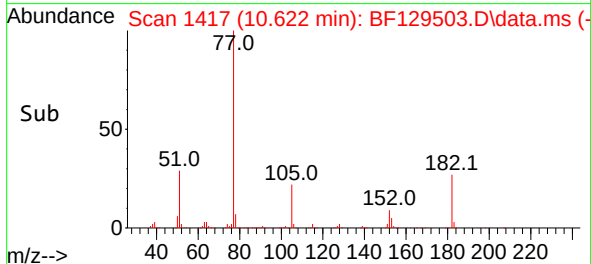
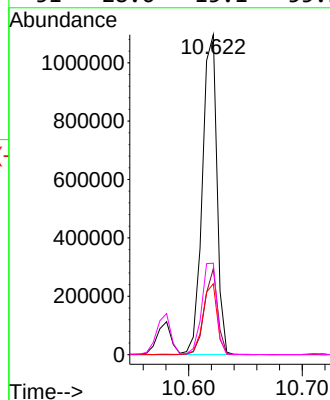
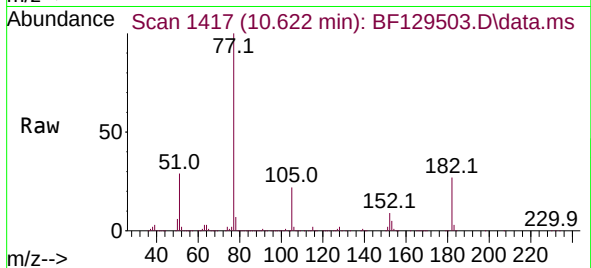




#63
Azobenzene
Concen: 43.361 ng
RT: 10.622 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

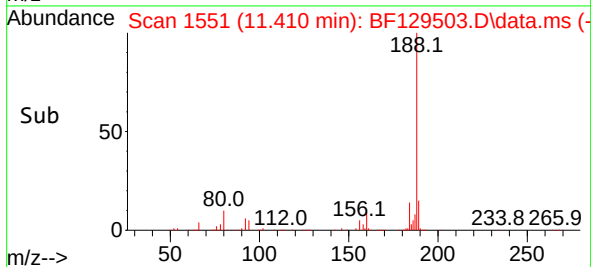
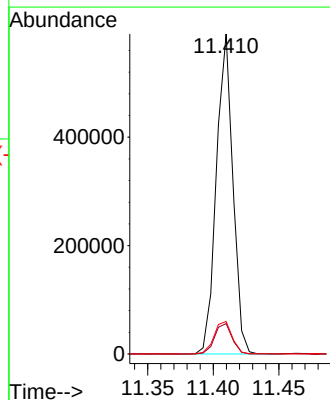
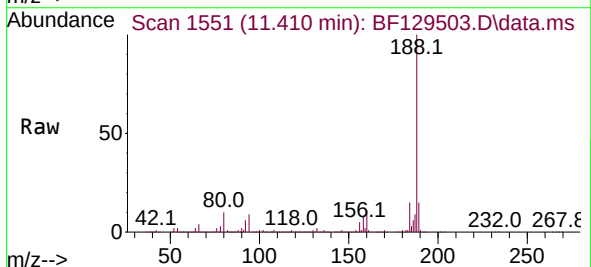
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

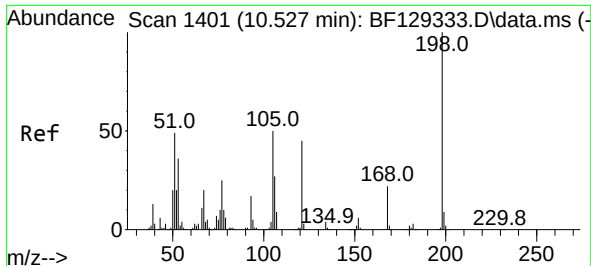
Tgt Ion: 77	Resp: 976403
Ion Ratio	Lower Upper
77 100	
182 26.9	5.6 45.6
105 22.2	1.6 41.6
51 28.6	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:188	Resp: 516944		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.0	10.6	
80 10.1	7.6	11.4	

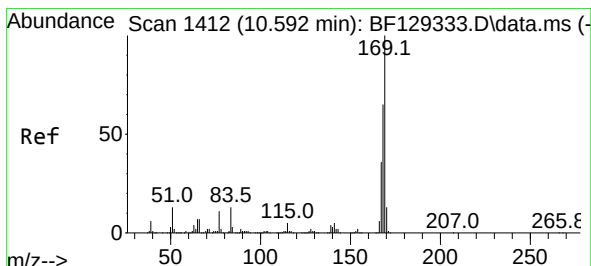
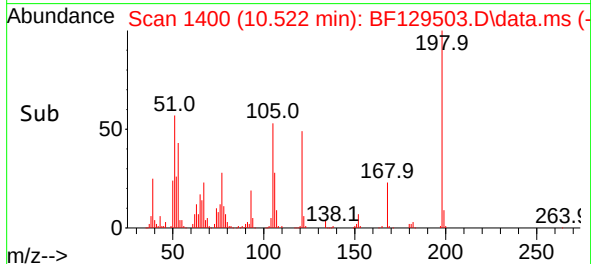
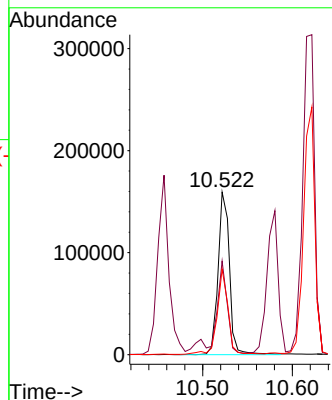
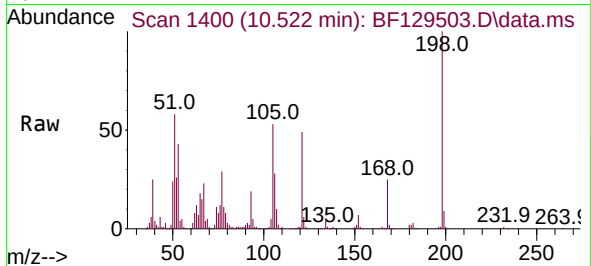




#65
4,6-Dinitro-2-methylphenol
Concen: 43.060 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

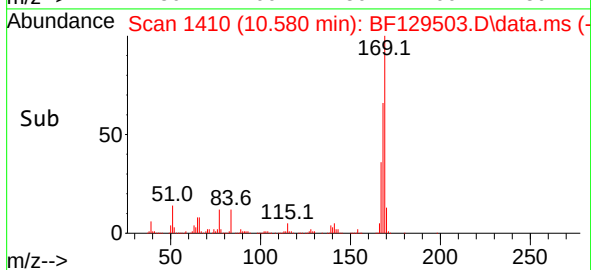
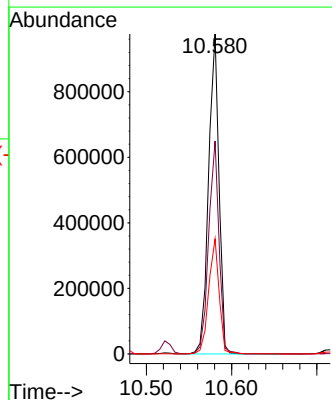
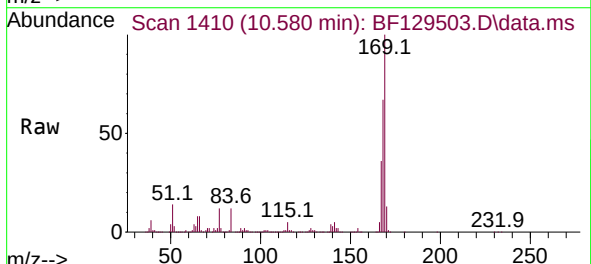
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

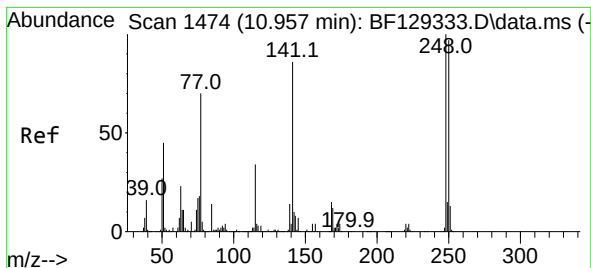
Tgt Ion:198 Resp: 140496
Ion Ratio Lower Upper
198 100
51 57.5 37.6 77.6
105 52.6 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 48.167 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:169 Resp: 829221
Ion Ratio Lower Upper
169 100
168 66.6 50.1 75.1
167 36.0 27.9 41.9

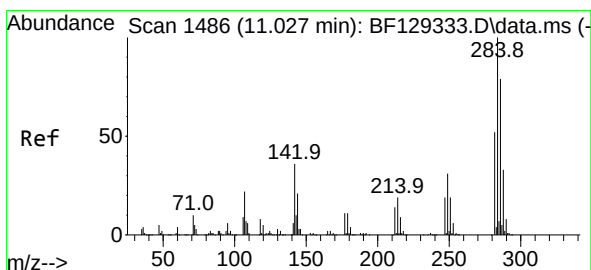
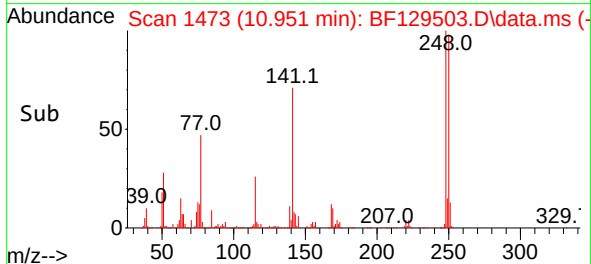
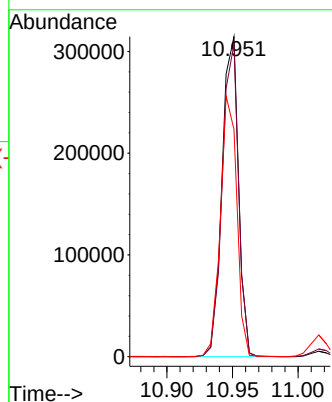
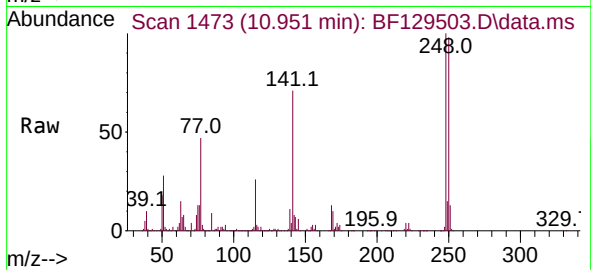




#67
4-Bromophenyl-phenylether
Concen: 48.362 ng
RT: 10.951 min Scan# 1473
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

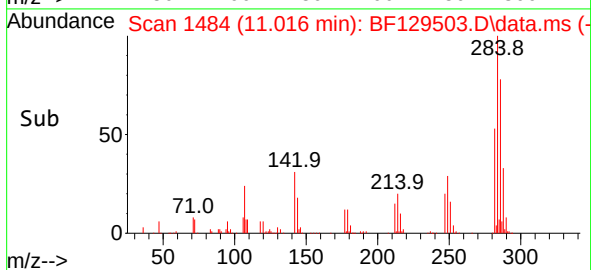
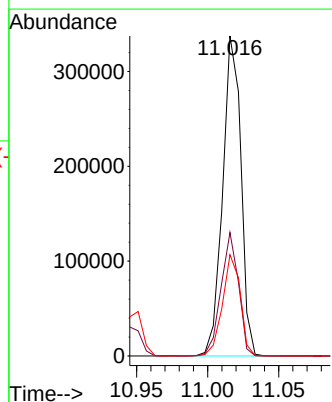
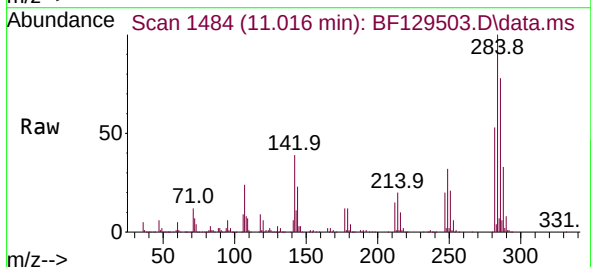
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

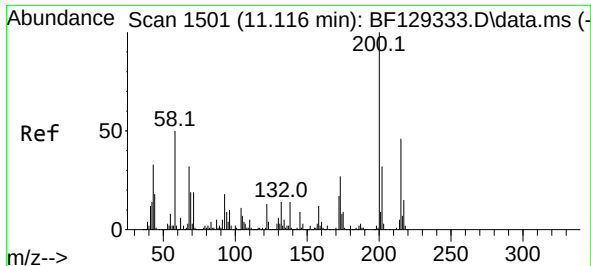
Tgt Ion:248 Resp: 273762
Ion Ratio Lower Upper
248 100
250 97.7 80.6 120.8
141 71.0 58.9 88.3



#68
Hexachlorobenzene
Concen: 49.002 ng
RT: 11.016 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:284 Resp: 300554
Ion Ratio Lower Upper
284 100
142 38.6 29.0 43.4
249 31.6 25.0 37.6

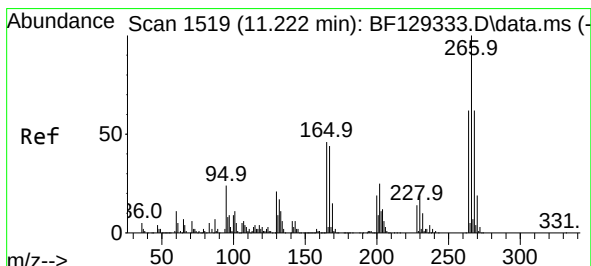
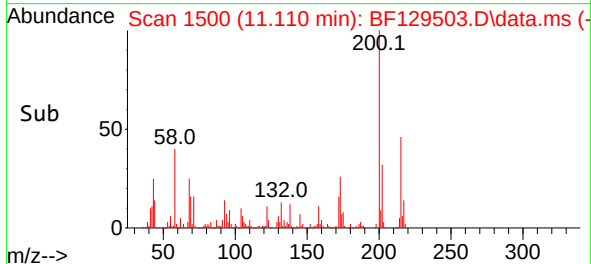
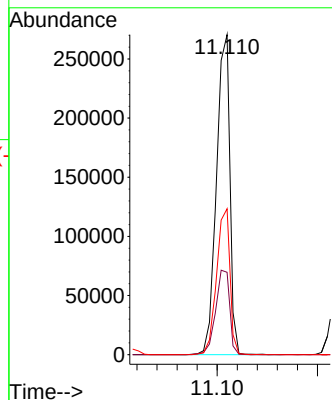
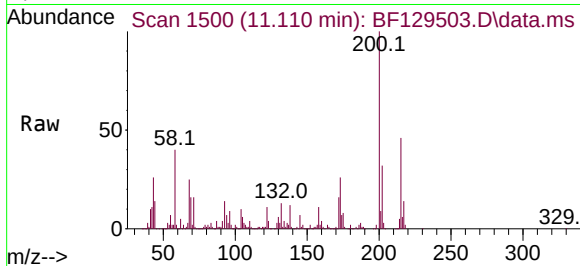




#69
 Atrazine
 Concen: 48.030 ng
 RT: 11.110 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

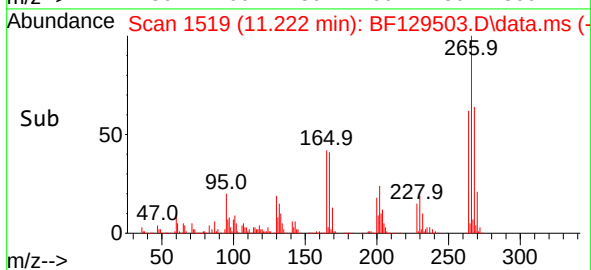
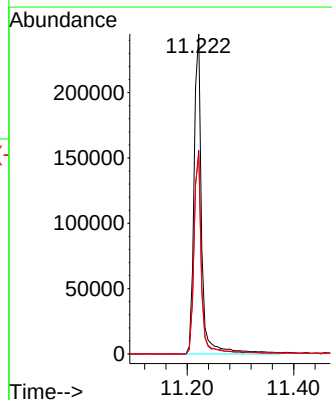
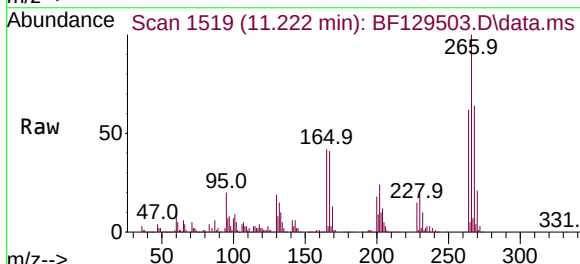
Instrument :
 BNA_F
 ClientSampleId :
 RVE-77MSD

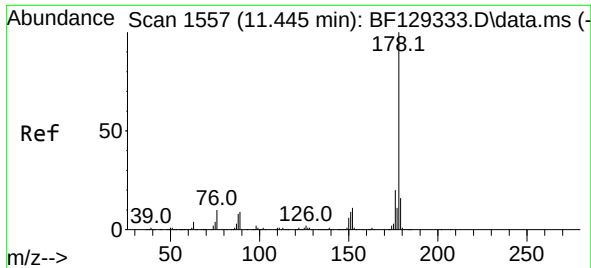
Tgt Ion:200 Resp: 251154
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.3 46.3
 215 45.6 28.3 68.3



#70
 Pentachlorophenol
 Concen: 73.316 ng
 RT: 11.222 min Scan# 1519
 Delta R.T. 0.012 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

Tgt Ion:266 Resp: 244462
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.4
 264 62.2 49.4 74.2

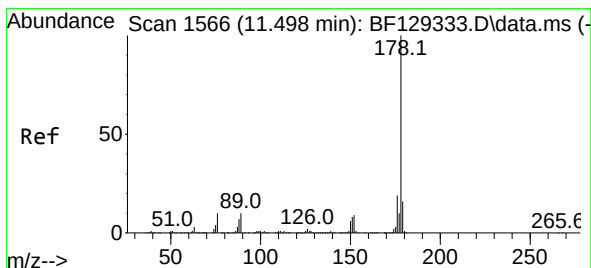
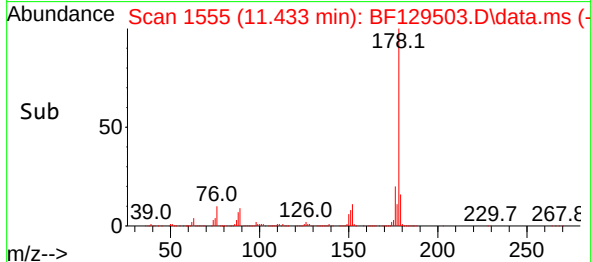
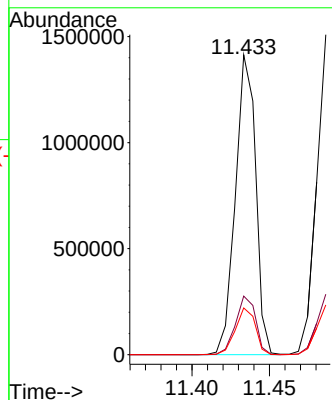
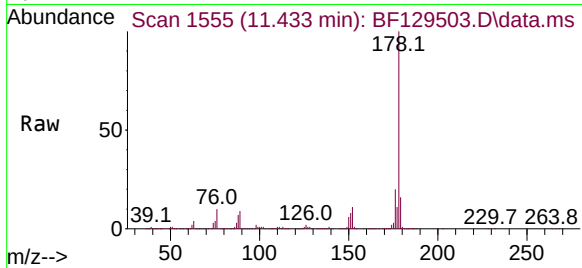




#71
Phenanthrene
Concen: 45.591 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

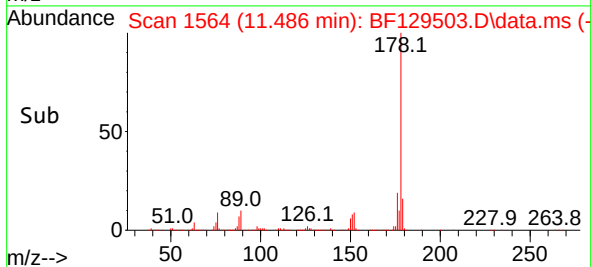
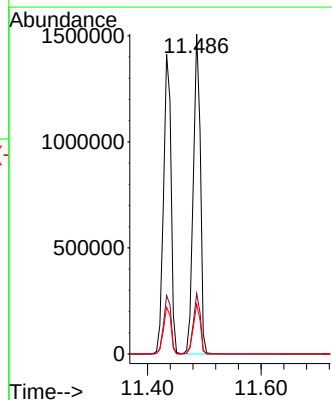
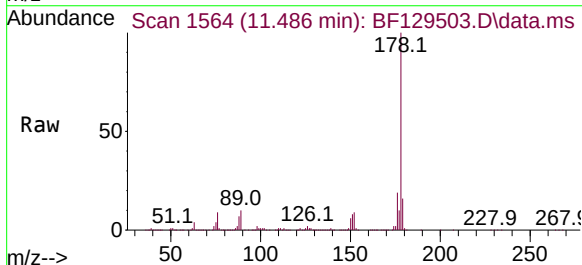
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

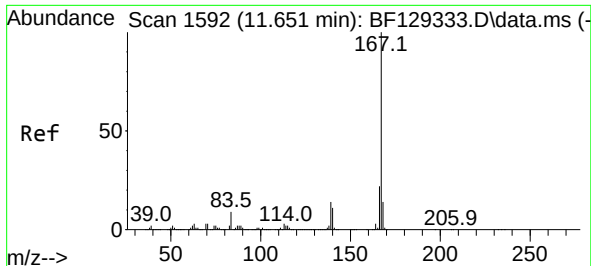
Tgt Ion:178 Resp: 1286528
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.6 12.6 19.0



#72
Anthracene
Concen: 46.935 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:178 Resp: 1301530
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.6 19.0

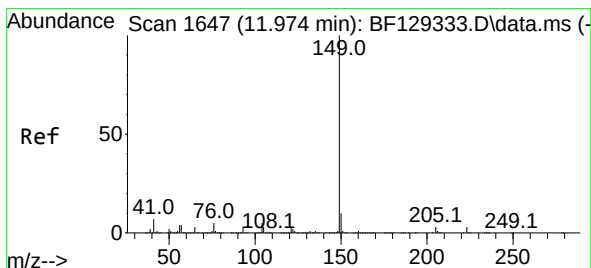
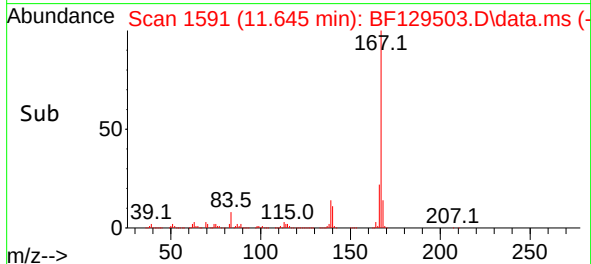
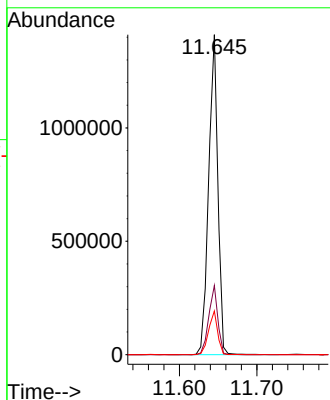
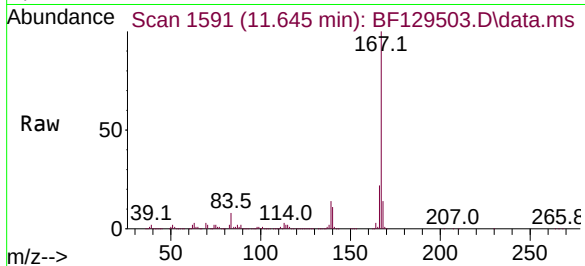




#73
Carbazole
Concen: 44.521 ng
RT: 11.645 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

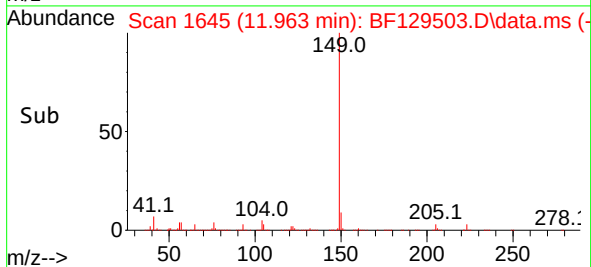
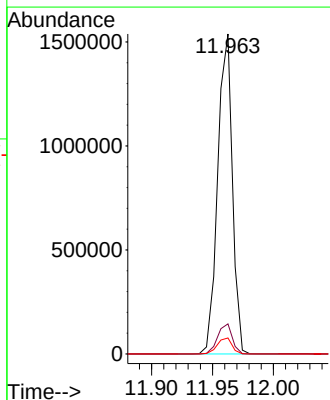
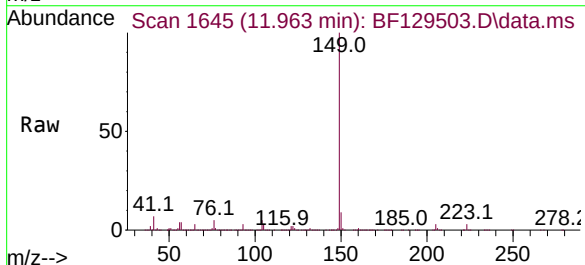
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

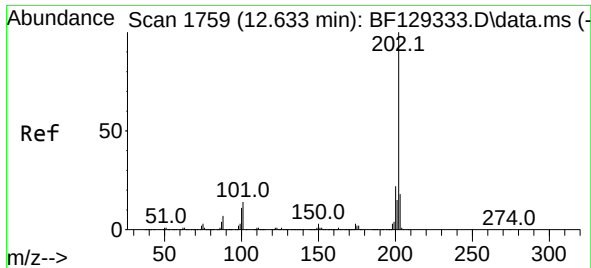
Tgt Ion:167 Resp: 1162179
Ion Ratio Lower Upper
167 100
166 21.6 17.7 26.5
139 13.7 11.2 16.8



#74
Di-n-butylphthalate
Concen: 41.623 ng
RT: 11.963 min Scan# 1645
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:149 Resp: 1293932
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.0 4.4 6.6

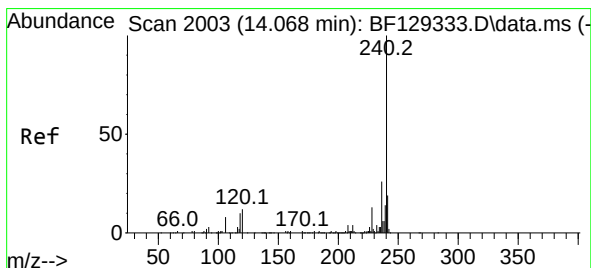
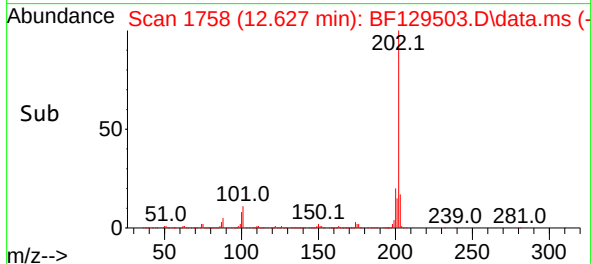
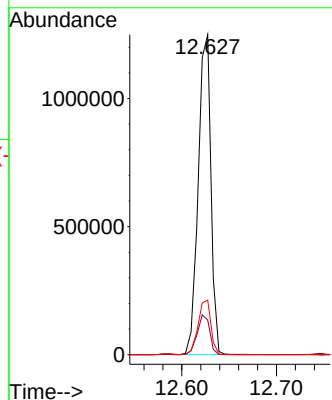
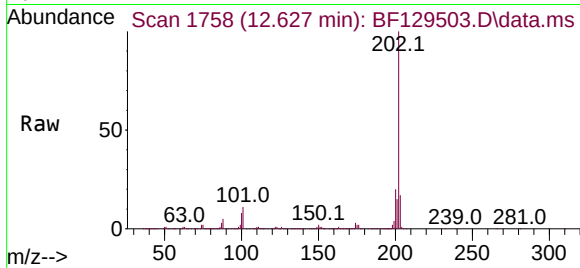




#75
Fluoranthene
Concen: 40.810 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

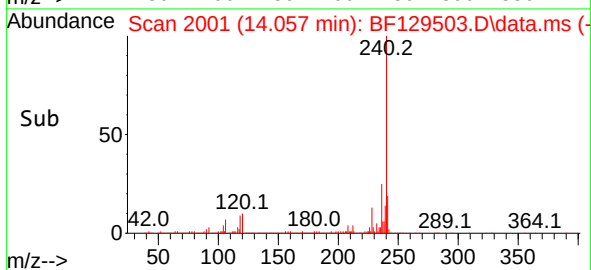
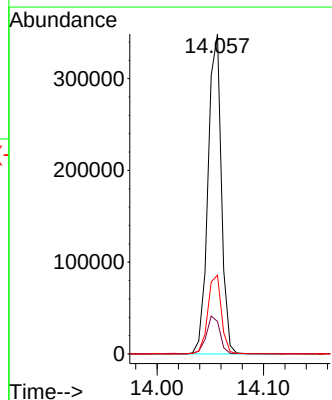
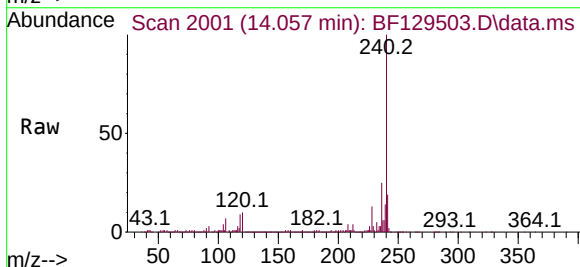
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

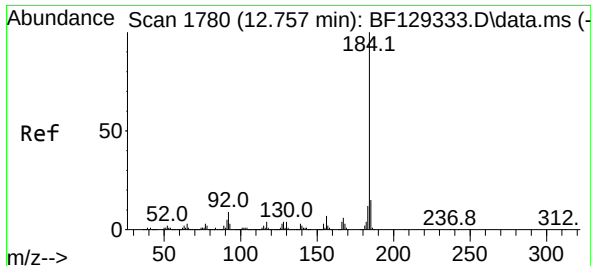
Tgt Ion:202 Resp: 1166827
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:240 Resp: 303676
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 24.7 20.8 31.2

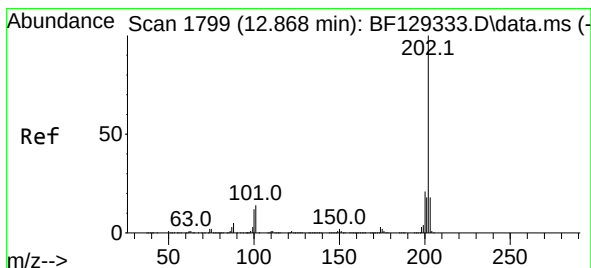
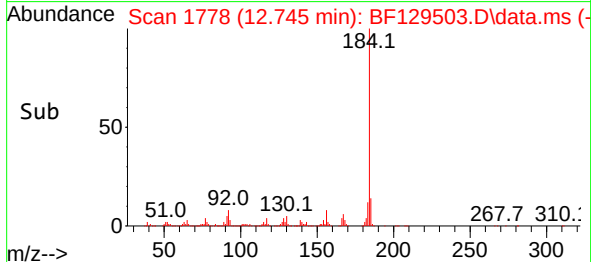
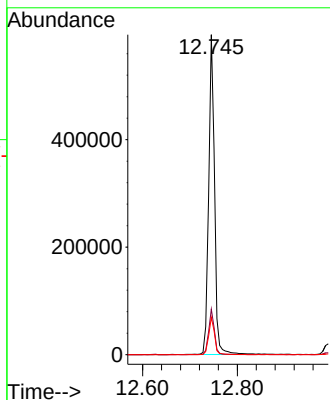
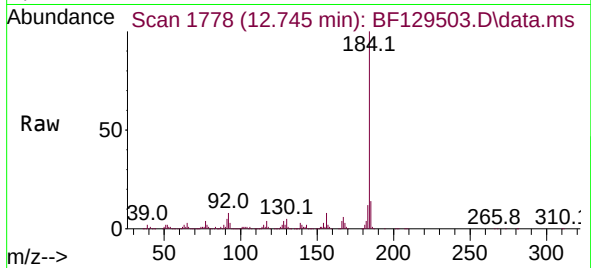




#77
Benzidine
Concen: 48.073 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

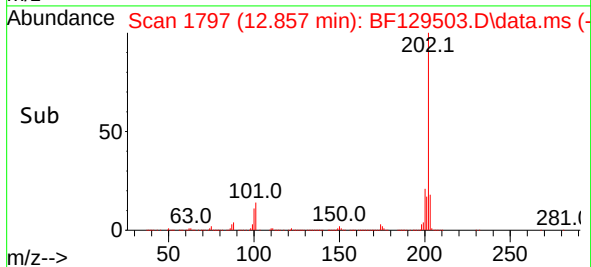
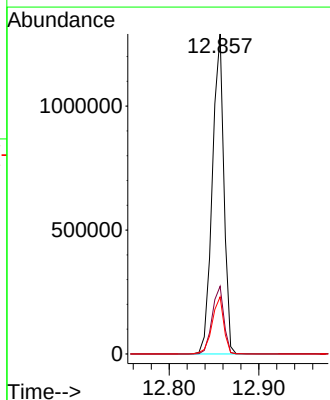
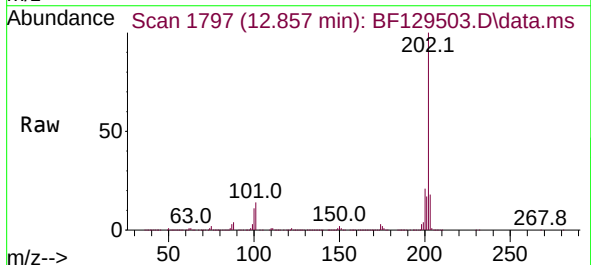
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

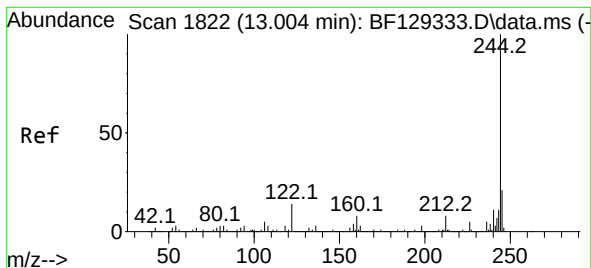
Tgt Ion:184 Resp: 515734
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.7 9.3 13.9



#78
Pyrene
Concen: 45.375 ng
RT: 12.857 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:202 Resp: 1152266
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 79.323 ng

RT: 12.992 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

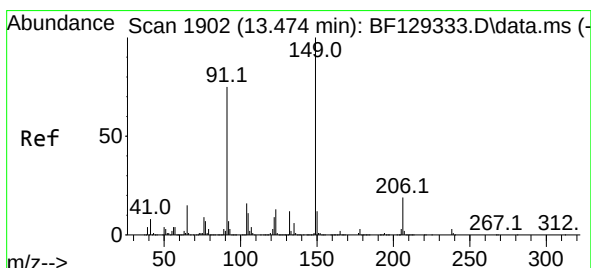
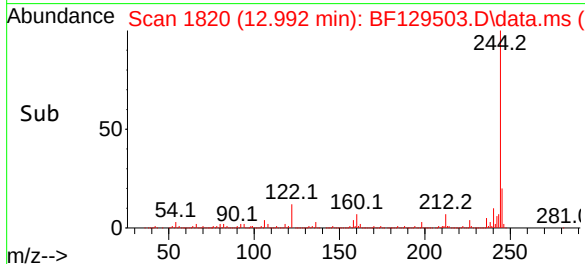
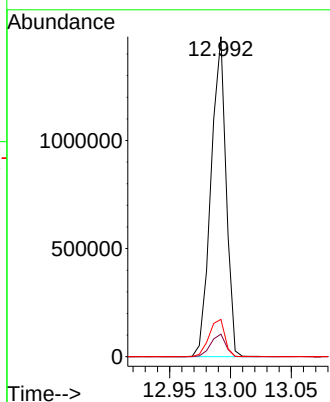
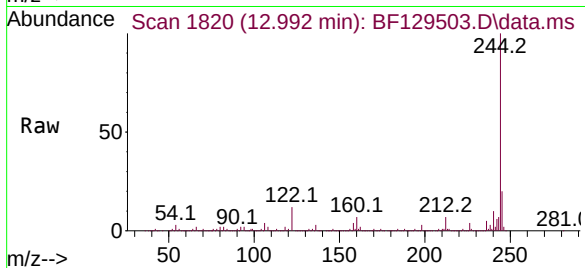
Tgt Ion:244 Resp: 1276836

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 11.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 39.474 ng

RT: 13.463 min Scan# 1900

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

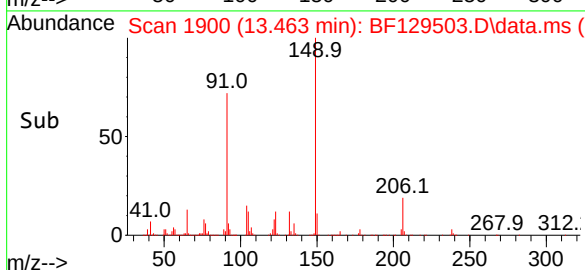
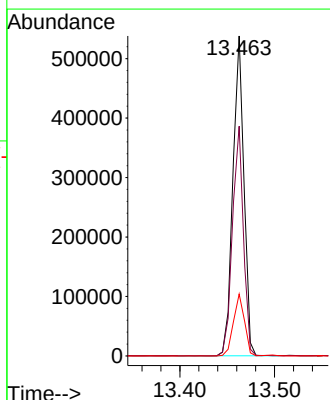
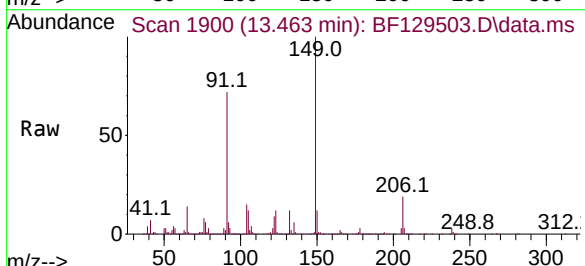
Tgt Ion:149 Resp: 434795

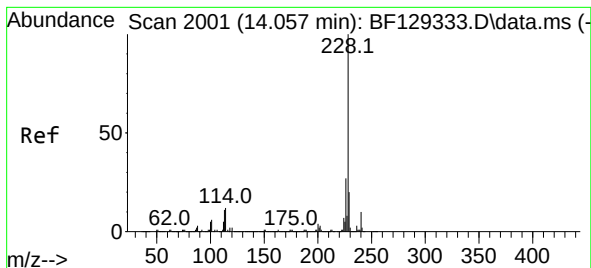
Ion Ratio Lower Upper

149 100

91 71.8 61.2 91.8

206 19.4 15.7 23.5





#81

Benzo(a)anthracene

Concen: 45.077 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

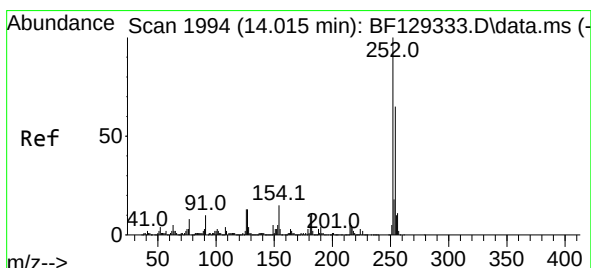
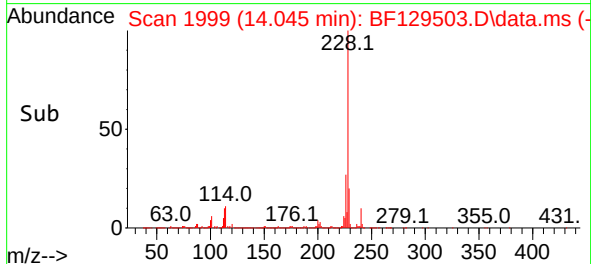
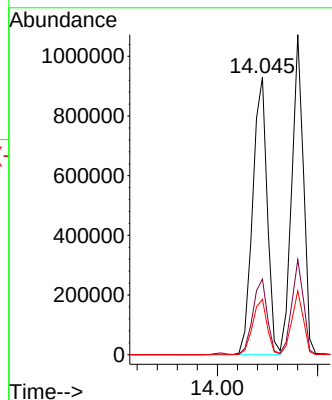
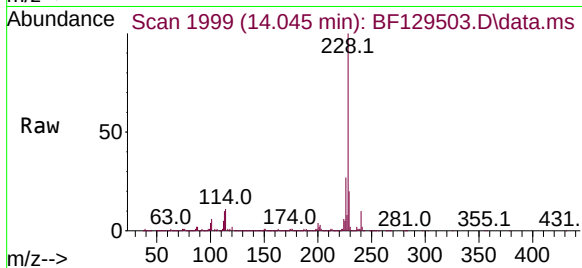
Tgt Ion:228 Resp: 935082

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.372 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

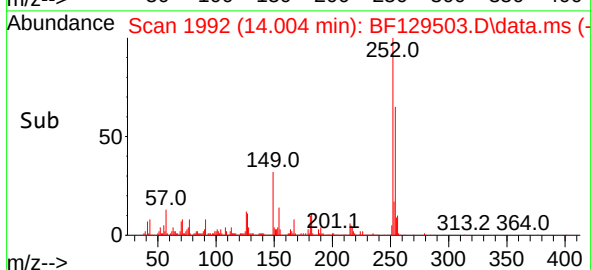
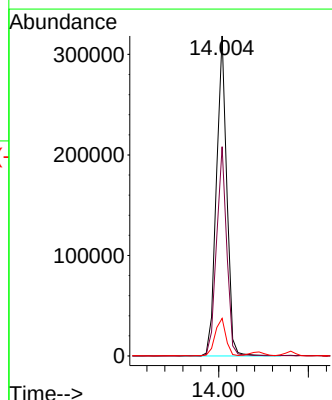
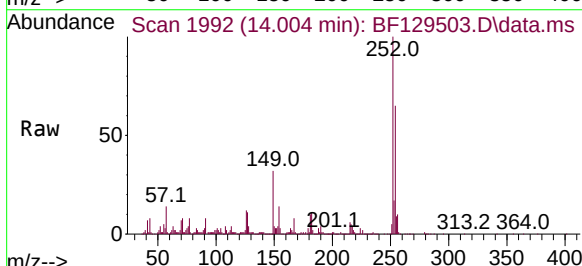
Tgt Ion:252 Resp: 255961

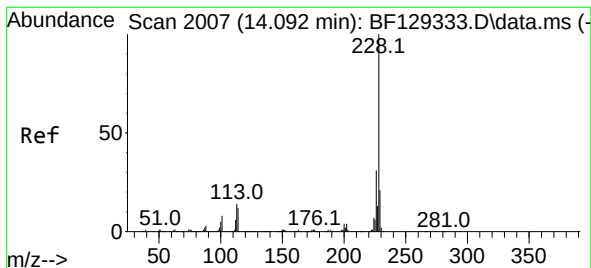
Ion Ratio Lower Upper

252 100

254 65.4 50.2 75.4

126 11.7 8.2 12.4





#83

Chrysene

Concen: 44.130 ng

RT: 14.080 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

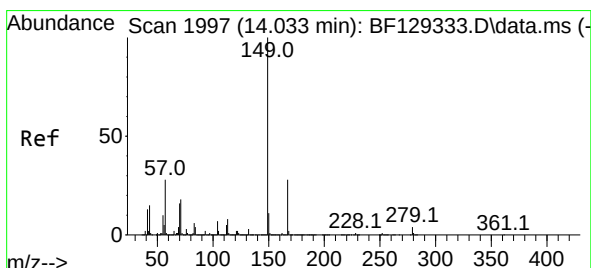
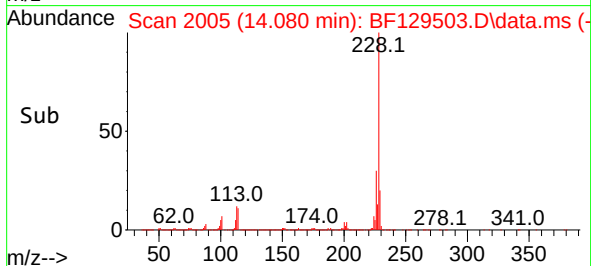
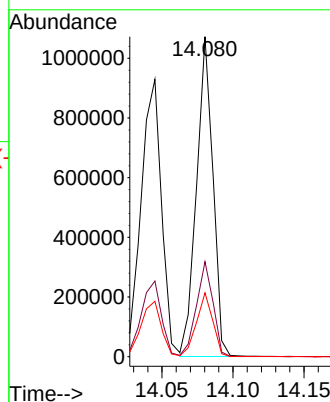
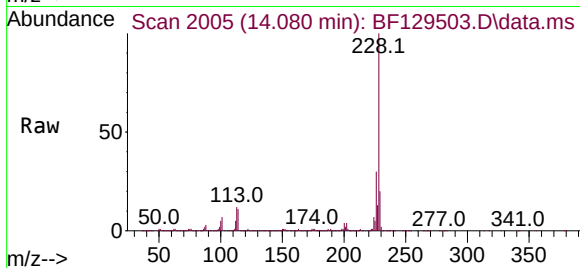
Tgt Ion:228 Resp: 862767

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.374 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

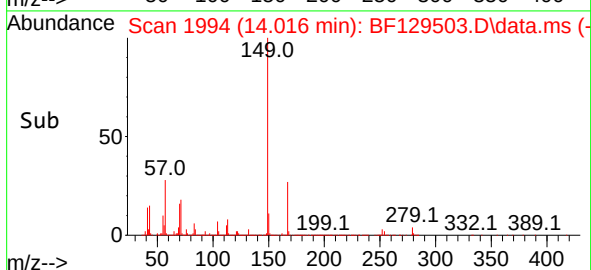
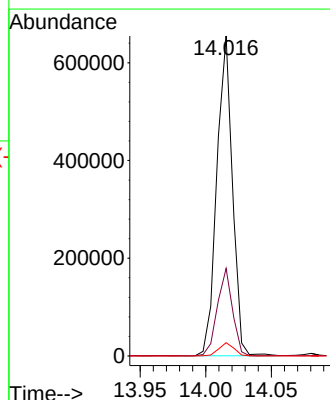
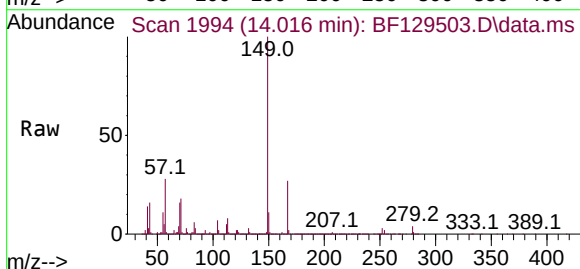
Tgt Ion:149 Resp: 541965

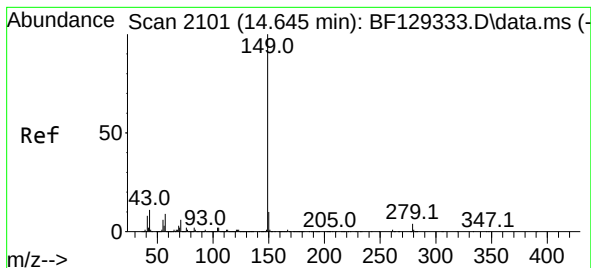
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.790 ng

RT: 14.627 min Scan# 2098

Delta R.T. 0.006 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

Instrument :

BNA_F

ClientSampleId :

RVE-77MSD

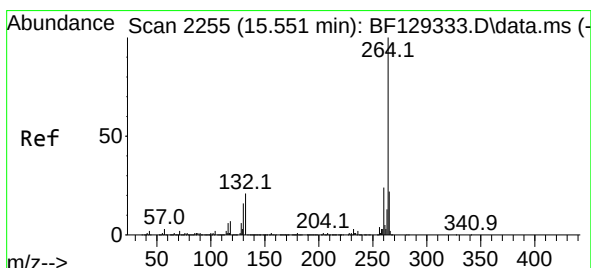
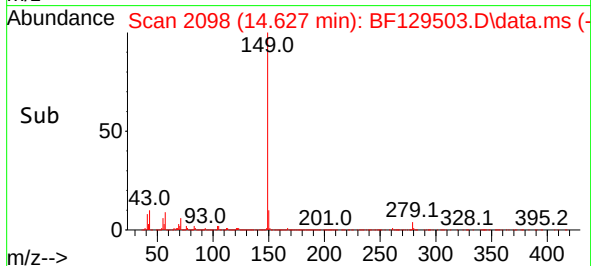
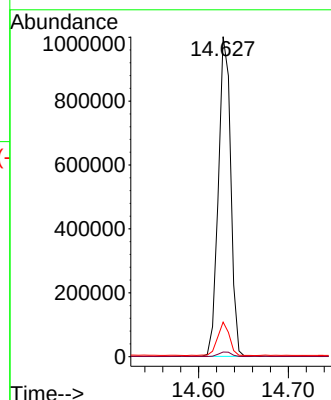
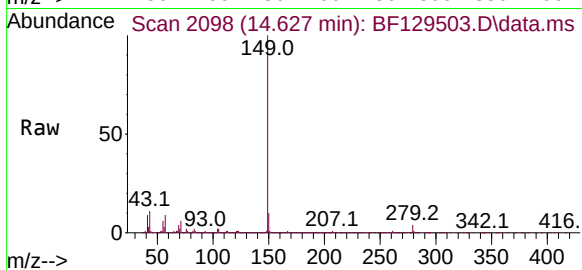
Tgt Ion:149 Resp: 955520

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.9 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF129503.D

Acq: 02 Aug 2022 12:32

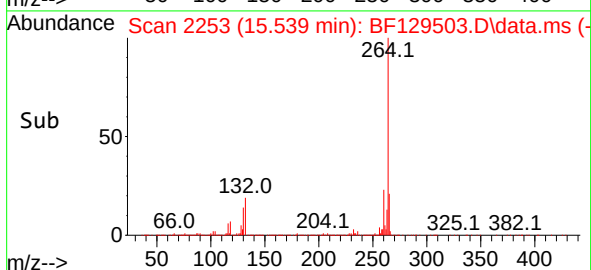
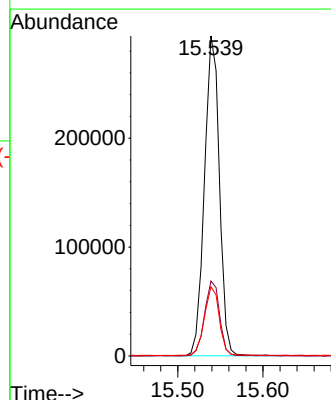
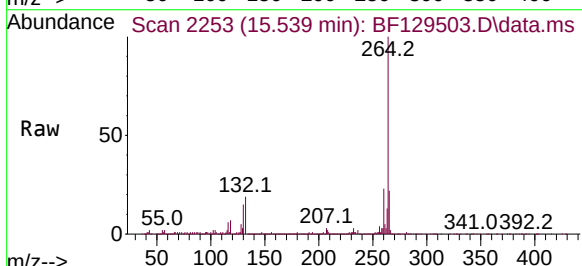
Tgt Ion:264 Resp: 357940

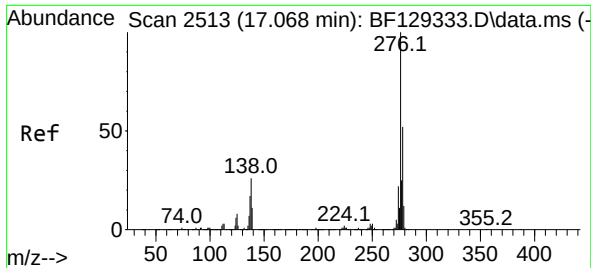
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.7 17.2 25.8

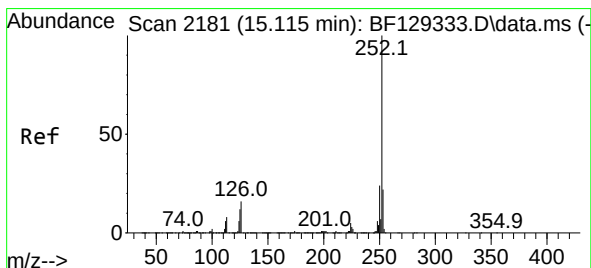
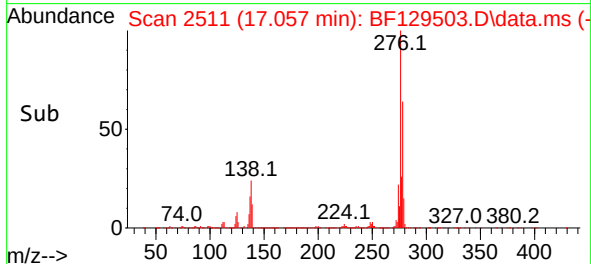
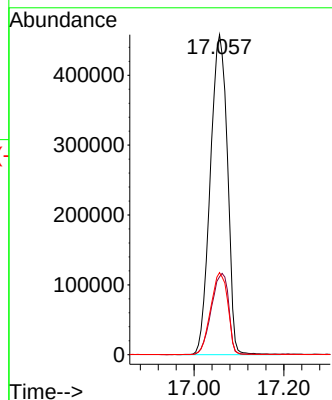
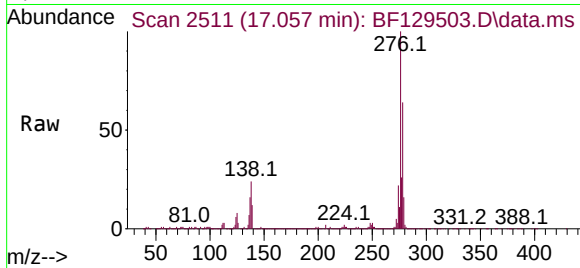




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.307 ng
RT: 17.057 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

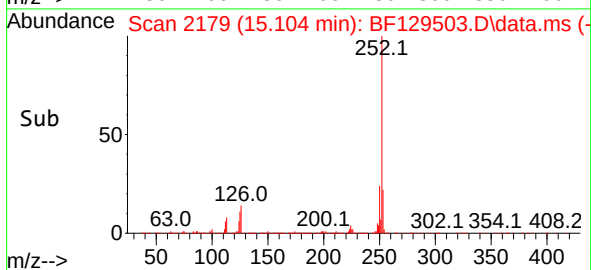
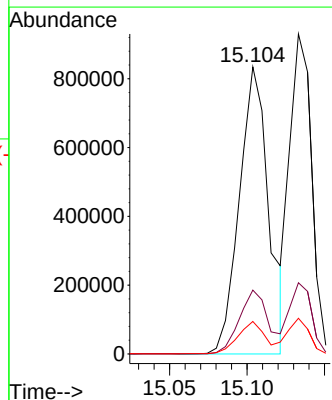
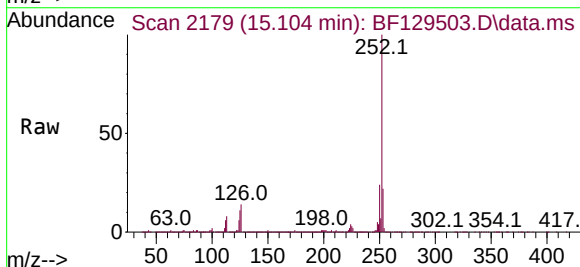
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

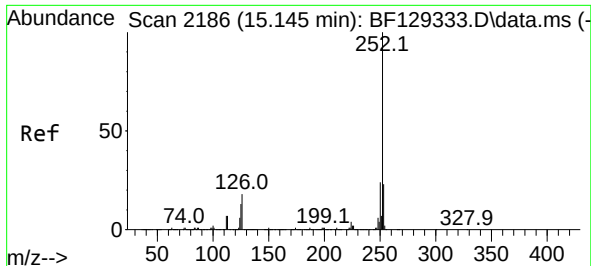
Tgt Ion:276 Resp: 1212597
Ion Ratio Lower Upper
276 100
138 25.6 21.1 31.7
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 46.167 ng
RT: 15.104 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:252 Resp: 1096153
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.3 8.0 12.0

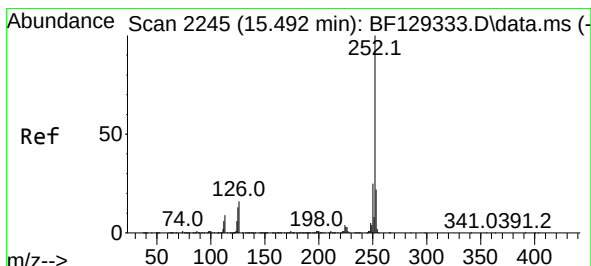
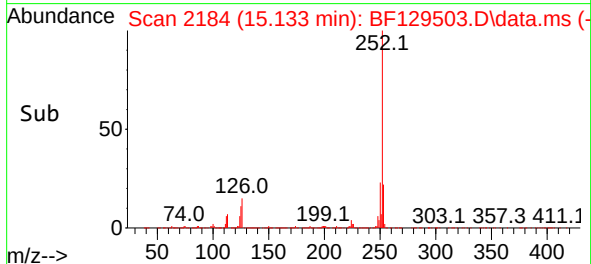
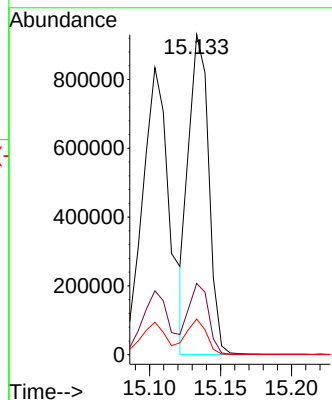
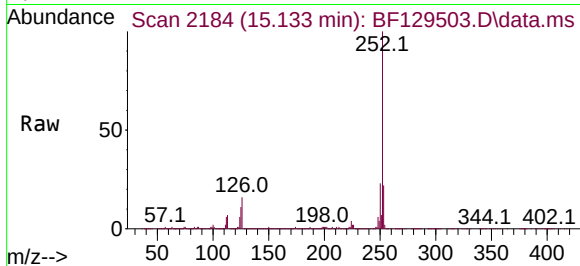




#89
Benzo(k)fluoranthene
Concen: 39.370 ng
RT: 15.133 min Scan# 2184
Delta R.T. 0.012 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

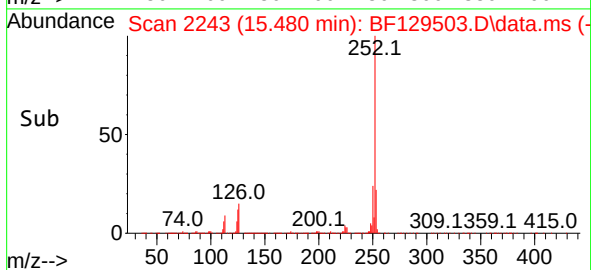
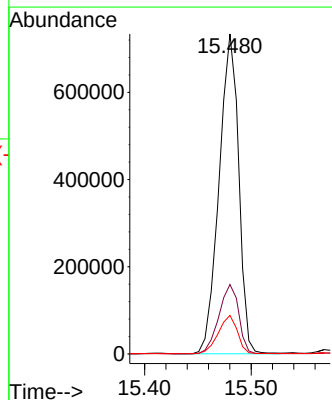
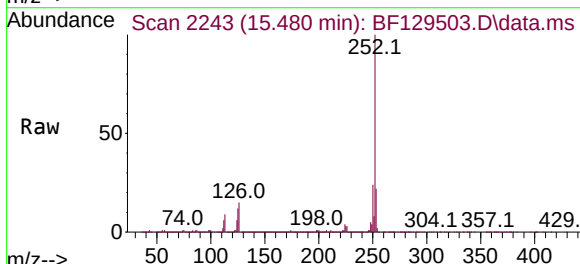
Instrument :
BNA_F
ClientSampleId :
RVE-77MSD

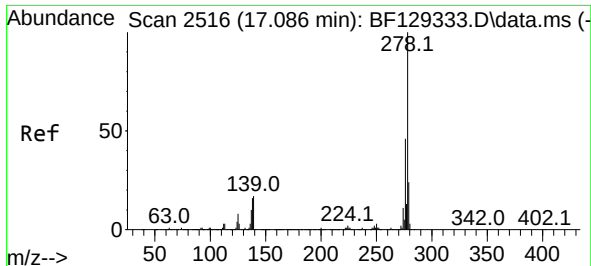
Tgt Ion:252 Resp: 916050
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 48.628 ng
RT: 15.480 min Scan# 2243
Delta R.T. 0.012 min
Lab File: BF129503.D
Acq: 02 Aug 2022 12:32

Tgt Ion:252 Resp: 937256
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.1 8.8 13.2

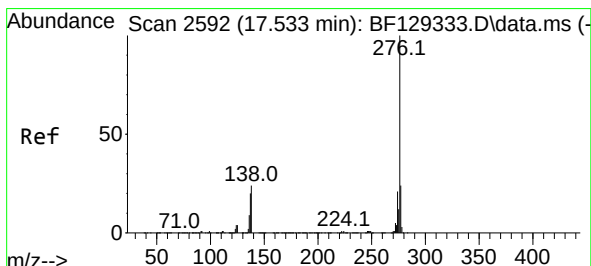
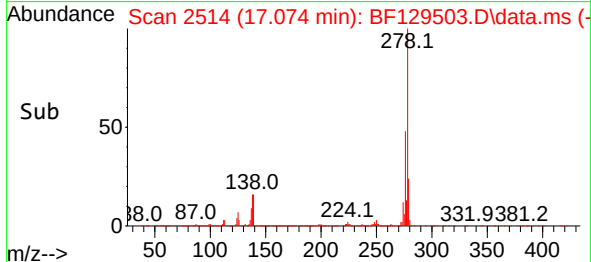
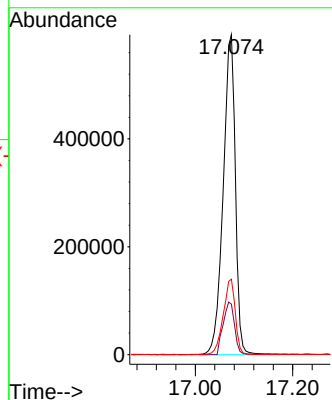
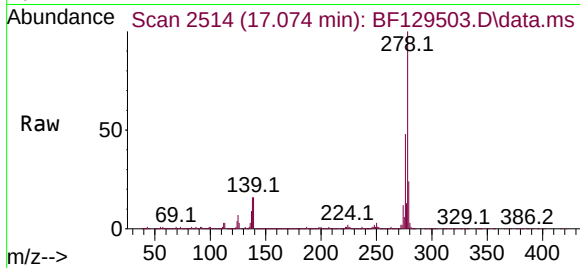




#91
 Dibenzo(a,h)anthracene
 Concen: 52.850 ng
 RT: 17.074 min Scan# 2516
 Delta R.T. 0.029 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

Instrument :
 BNA_F
 ClientSampleId :
 RVE-77MSD

Tgt Ion:278 Resp: 1036835
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.8 19.2
 279 23.6 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 53.517 ng
 RT: 17.521 min Scan# 2590
 Delta R.T. 0.029 min
 Lab File: BF129503.D
 Acq: 02 Aug 2022 12:32

Tgt Ion:276 Resp: 1072844
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.1 28.7
 138 22.0 18.0 27.0

