

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129267.D
 Acq On : 18 Jul 2022 14:32
 Operator : CG\JU
 Sample : PB146277BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146277BS

Quant Time: Jul 19 02:08:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	335868	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1375716	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	701551	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	1110939	20.000	ng	# 0.01
76) Chrysene-d12	14.086	240	694490	20.000	ng	# 0.01
86) Perylene-d12	15.574	264	523857	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2528502	120.231	ng	0.03
7) Phenol-d6	6.540	99	3260304	119.865	ng	0.01
23) Nitrobenzene-d5	7.475	82	2216646	86.130	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	829769	127.430	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	3445700	83.211	ng	0.00
79) Terphenyl-d14	13.027	244	3278233	88.303	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	350706	36.604	ng	90
3) Pyridine	3.622	79	927885	37.658	ng	93
4) n-Nitrosodimethylamine	3.575	42	554936	47.680	ng	91
6) Aniline	6.569	93	1174538	36.755	ng	100
8) 2-Chlorophenol	6.692	128	1140899	51.521	ng	98
10) Phenol	6.557	94	1333494	48.806	ng	95
11) bis(2-Chloroethyl)ether	6.640	93	1093573	49.350	ng	95
12) 1,3-Dichlorobenzene	6.845	146	1100739	46.742	ng	97
13) 1,4-Dichlorobenzene	6.922	146	1105711	46.422	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1080718	48.678	ng	99
15) Benzyl Alcohol	7.051	79	953827	52.655	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1613227	45.689	ng	93
17) 2-Methylphenol	7.157	107	904885	48.612	ng	98
18) Hexachloroethane	7.416	117	437718	49.183	ng	92
19) n-Nitroso-di-n-propyla...	7.322	70	748751	46.801	ng	95
20) 3+4-Methylphenols	7.310	107	1012588	44.260	ng	91
22) Acetophenone	7.316	105	1396217	43.978	ng	# 91
24) Nitrobenzene	7.492	77	1161784	47.455	ng	95
25) Isophorone	7.728	82	2172369	50.223	ng	99
26) 2-Nitrophenol	7.804	139	610105	49.611	ng	94
27) 2,4-Dimethylphenol	7.839	122	1056702	55.260	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	1336182	46.376	ng	99
29) 2,4-Dichlorophenol	8.045	162	896499	47.158	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	915594	46.415	ng	96
31) Naphthalene	8.210	128	3025269	46.414	ng	99
32) Benzoic acid	7.981	122	742991	50.027	ng	97
33) 4-Chloroaniline	8.257	127	680270	25.167	ng	98
34) Hexachlorobutadiene	8.322	225	514913	46.398	ng	99
35) Caprolactam	8.651	113	164438	26.039	ng	# 85
36) 4-Chloro-3-methylphenol	8.745	107	967617	46.658	ng	96
37) 2-Methylnaphthalene	8.904	142	1948457	45.865	ng	99
38) 1-Methylnaphthalene	9.004	142	1856941	45.198	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	802257	45.995	ng	# 97
41) Hexachlorocyclopentadiene	9.051	237	945927	107.770	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	620360	48.300	ng	99
44) 2,4,5-Trichlorophenol	9.233	196	618427	45.520	ng	# 92

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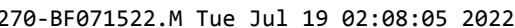
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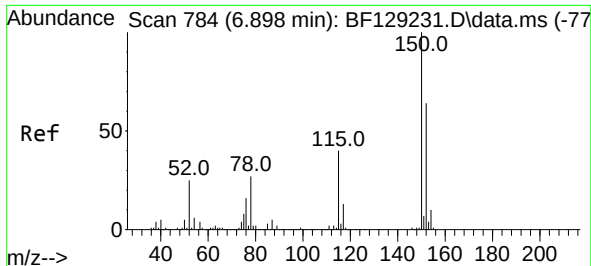
Quant Time: Jul 19 02:08:01 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2254363	45.432	ng	99
47) 2-Chloronaphthalene	9.398	162	1777961	45.491	ng	99
48) 2-Nitroaniline	9.492	65	617150	47.000	ng	94
49) Acenaphthylene	9.816	152	2798520	47.573	ng	99
50) Dimethylphthalate	9.675	163	2128252	46.748	ng	100
51) 2,6-Dinitrotoluene	9.733	165	497293	50.480	ng	94
52) Acenaphthene	9.986	154	1593617	41.445	ng	99
53) 3-Nitroaniline	9.904	138	379655	32.273	ng	# 95
54) 2,4-Dinitrophenol	10.016	184	530530	100.482	ng	96
55) Dibenzofuran	10.157	168	2392434	43.830	ng	95
56) 4-Nitrophenol	10.075	139	810410	87.039	ng	96
57) 2,4-Dinitrotoluene	10.145	165	622699	48.203	ng	98
58) Fluorene	10.498	166	1858870	44.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	472214	44.995	ng	91
60) Diethylphthalate	10.369	149	1996213	45.342	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	855440	44.479	ng	# 89
62) 4-Nitroaniline	10.527	138	521137	44.747	ng	94
63) Azobenzene	10.651	77	2041059	43.431	ng	96
65) 4,6-Dinitro-2-methylph...	10.551	198	332654	47.392	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1677809	47.336	ng	96
67) 4-Bromophenyl-phenylether	10.980	248	550614	47.083	ng	96
68) Hexachlorobenzene	11.045	284	589880	48.053	ng	93
69) Atrazine	11.139	200	517468	52.661	ng	98
70) Pentachlorophenol	11.245	266	653336	89.503	ng	99
71) Phenanthrene	11.463	178	2568613	45.540	ng	99
72) Anthracene	11.516	178	2582748	46.097	ng	99
73) Carbazole	11.674	167	2440286	43.665	ng	100
74) Di-n-butylphthalate	11.992	149	2896671	45.102	ng	99
75) Fluoranthene	12.657	202	2529564	45.031	ng	97
77) Benzidine	12.774	184	801713	41.240	ng	99
78) Pyrene	12.886	202	2575037	45.778	ng	99
80) Butylbenzylphthalate	13.492	149	1213034	48.415	ng	98
81) Benzo(a)anthracene	14.074	228	2108009	48.121	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	532109	48.558	ng	# 96
83) Chrysene	14.115	228	1928965	46.133	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1630775	48.916	ng	98
85) Di-n-octyl phthalate	14.663	149	2493551	52.148	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	1569186	48.038	ng	97
88) Benzo(b)fluoranthene	15.139	252	1708603	53.091	ng	98
89) Benzo(k)fluoranthene	15.168	252	1664167	52.928	ng	98
90) Benzo(a)pyrene	15.515	252	1552777	59.268	ng	# 97
91) Dibenzo(a,h)anthracene	17.121	278	1347955	51.016	ng	97
92) Benzo(g,h,i)perylene	17.568	276	1400794	51.864	ng	97

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

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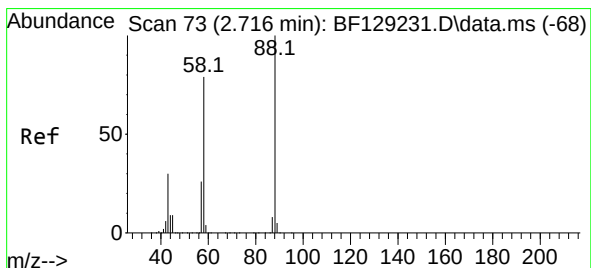
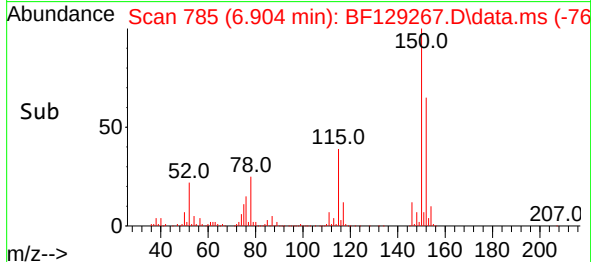
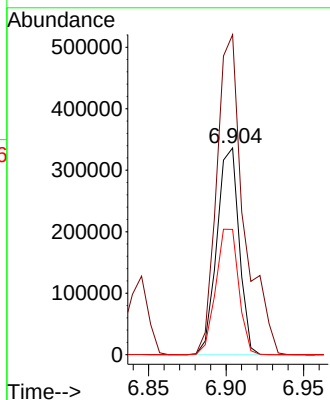
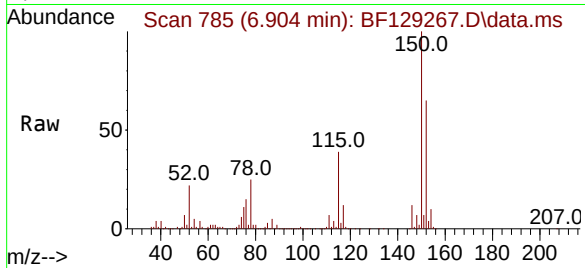




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF129267.D
 Acq: 18 Jul 2022 14:32

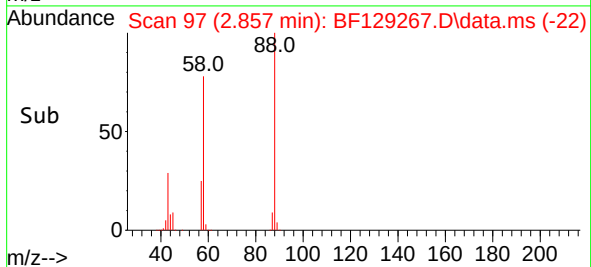
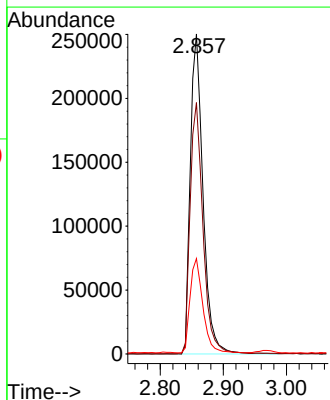
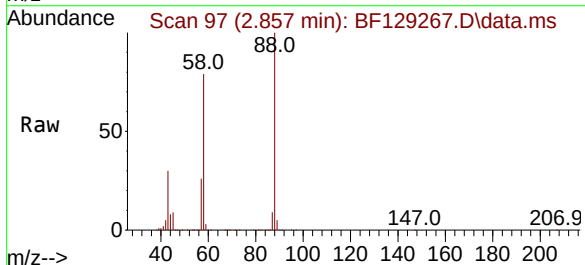
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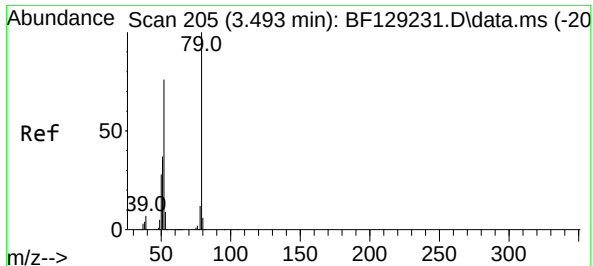
Tgt Ion:152 Resp: 335868
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.7 185.5
 115 60.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.604 ng
 RT: 2.857 min Scan# 97
 Delta R.T. 0.141 min
 Lab File: BF129267.D
 Acq: 18 Jul 2022 14:32

Tgt Ion: 88 Resp: 350706
 Ion Ratio Lower Upper
 88 100
 58 79.2 71.8 107.8
 43 29.6 26.6 39.8

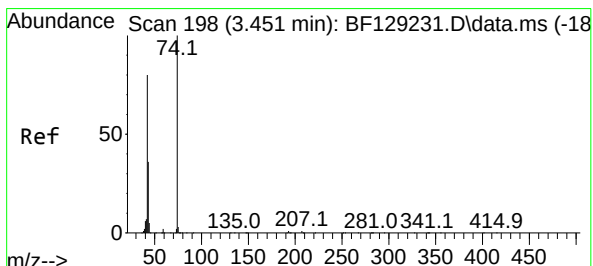
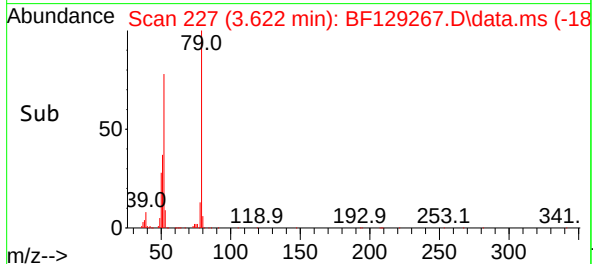
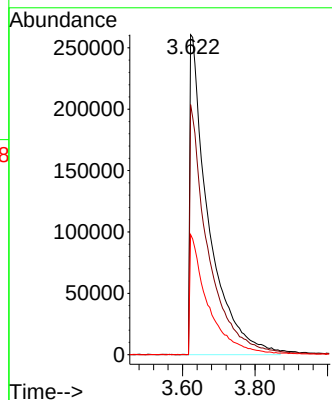
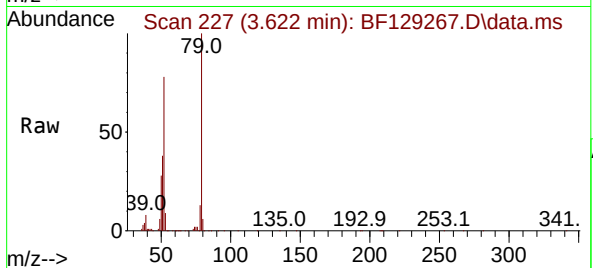




#3
Pyridine
Concen: 37.658 ng
RT: 3.622 min Scan# 219
Delta R.T. 0.129 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

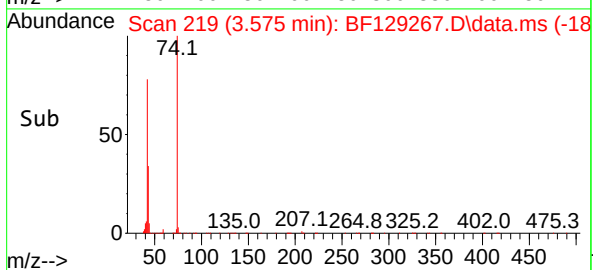
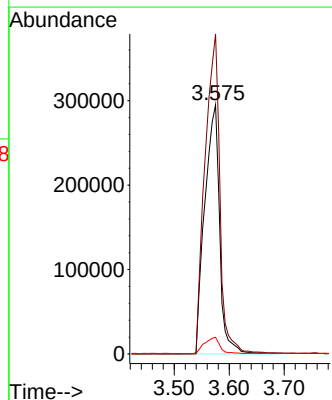
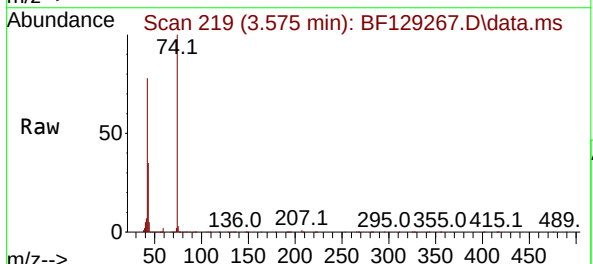
Instrument :
BNA_F
ClientSampleId :
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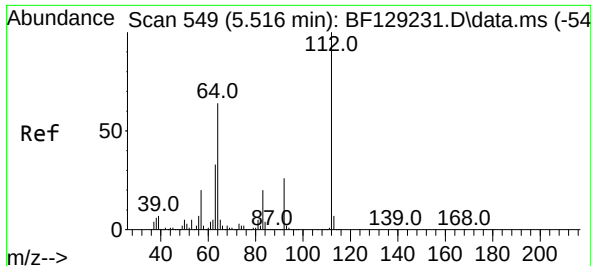
Tgt Ion: 79 Resp: 927885
Ion Ratio Lower Upper
79 100
52 78.2 68.6 102.8
51 37.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 47.680 ng
RT: 3.575 min Scan# 219
Delta R.T. 0.123 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 42 Resp: 554936
Ion Ratio Lower Upper
42 100
74 128.4 94.8 142.2
44 6.7 6.6 10.0

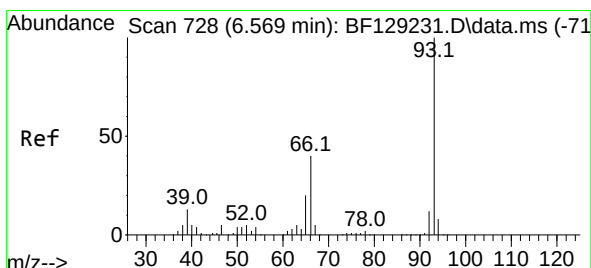
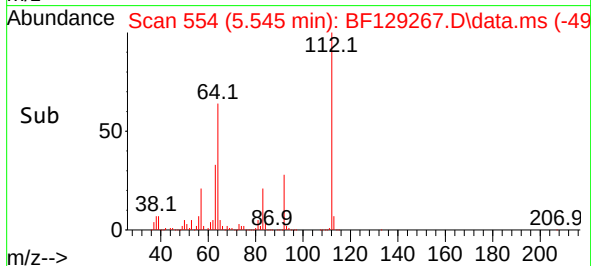
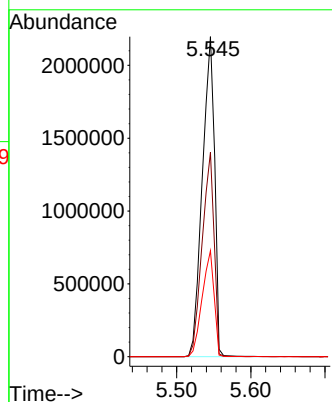
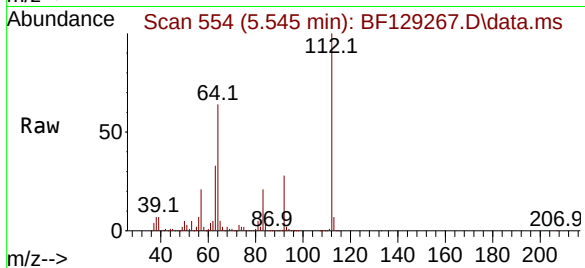




#5
2-Fluorophenol
Concen: 120.231 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.029 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

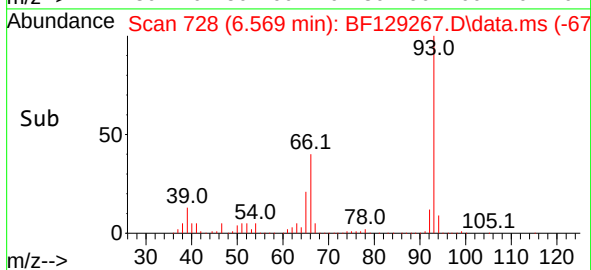
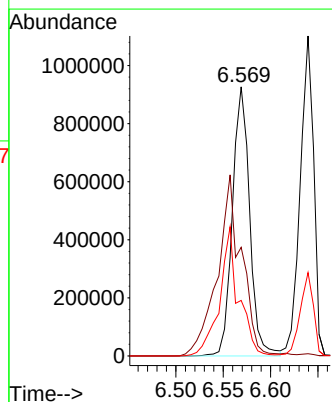
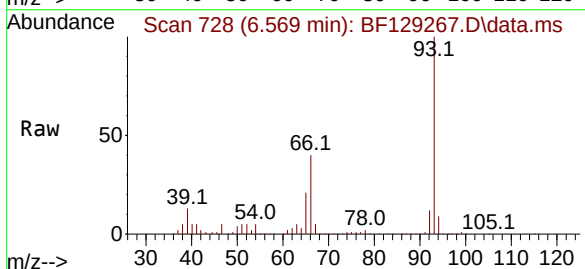
Instrument :
BNA_F
ClientSampleId :
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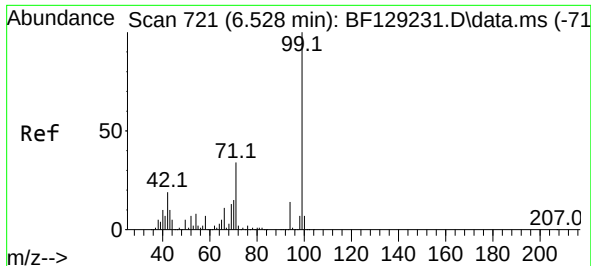
Tgt Ion:112 Resp: 2528502
Ion Ratio Lower Upper
112 100
64 63.8 53.3 79.9
63 33.1 28.0 42.0



#6
Aniline
Concen: 36.755 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 93 Resp: 1174538
Ion Ratio Lower Upper
93 100
66 40.4 32.5 48.7
65 20.7 16.4 24.6





#7

Phenol-d6

Concen: 119.865 ng

RT: 6.540 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

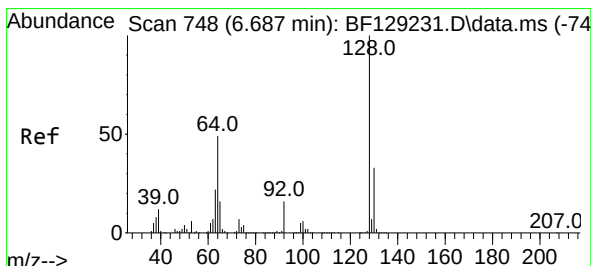
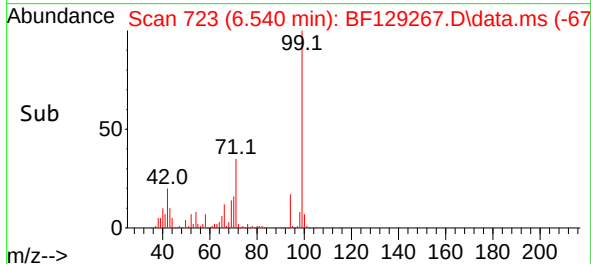
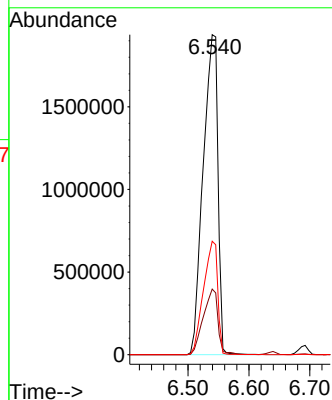
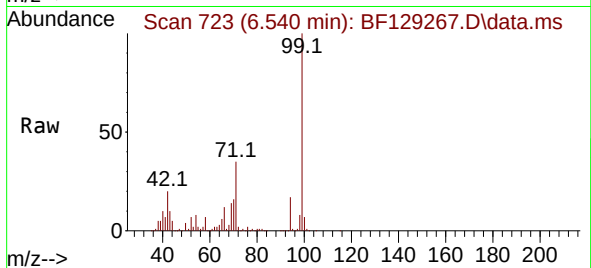
BNA_F

ClientSampleId :

PB146277BS

Tgt Ion: 99 Resp: 3260304

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.3	25.9
71	35.5	28.9	43.3



#8

2-Chlorophenol

Concen: 51.521 ng

RT: 6.692 min Scan# 749

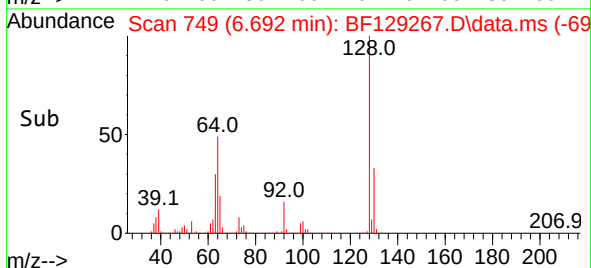
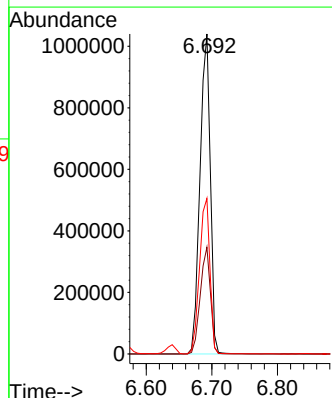
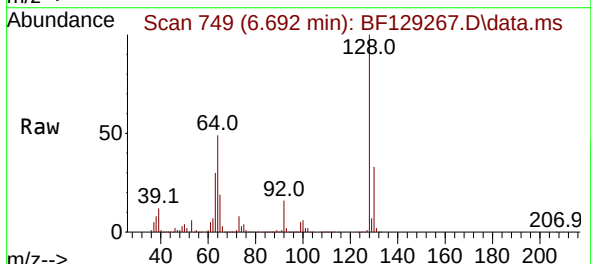
Delta R.T. 0.006 min

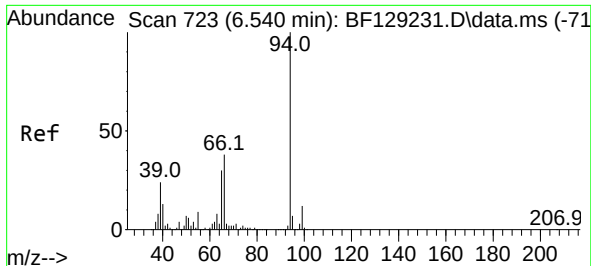
Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Tgt Ion:128 Resp: 1140899

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.1	53.1
64	48.6	30.9	70.9

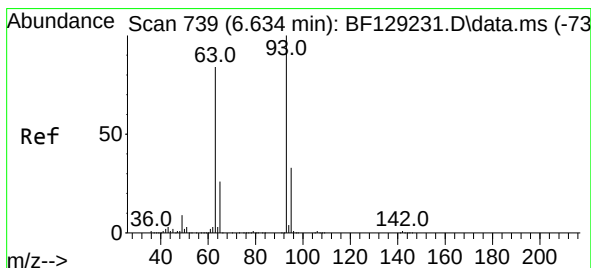
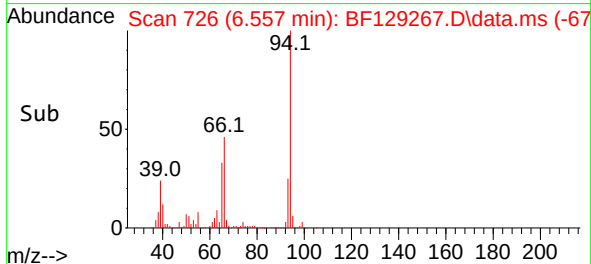
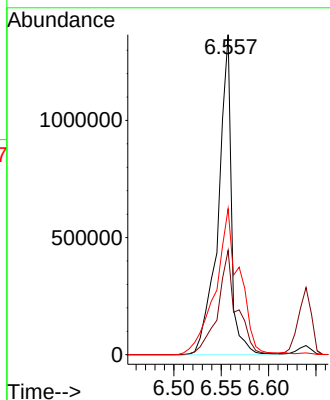
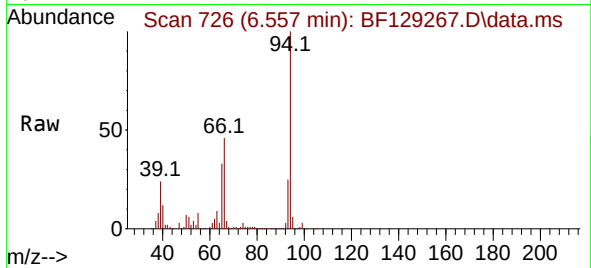




#10
Phenol
Concen: 48.806 ng
RT: 6.557 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

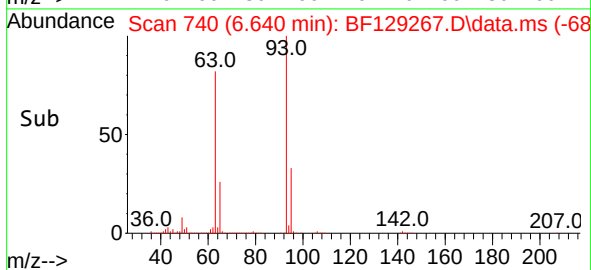
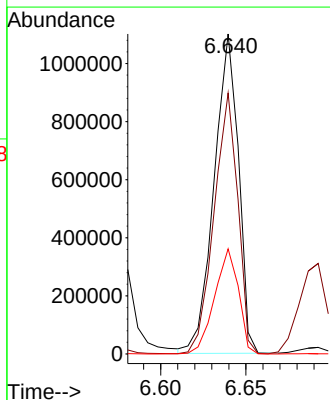
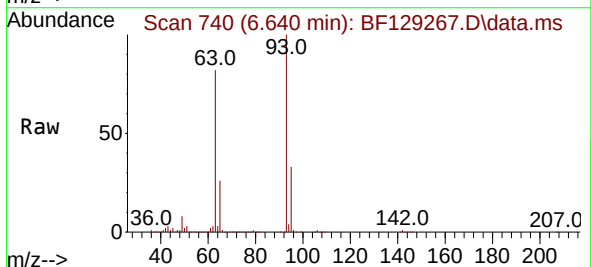
Instrument :
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ClientSampleId :
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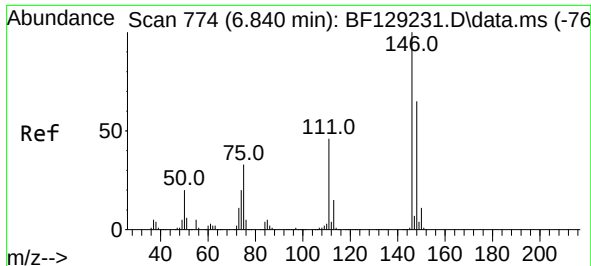
Tgt Ion: 94 Resp: 1333494
Ion Ratio Lower Upper
94 100
65 32.6 11.4 51.4
66 45.7 21.4 61.4



#11
bis(2-Chloroethyl)ether
Concen: 49.350 ng
RT: 6.640 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 93 Resp: 1093573
Ion Ratio Lower Upper
93 100
63 81.6 67.4 107.4
95 32.9 12.7 52.7

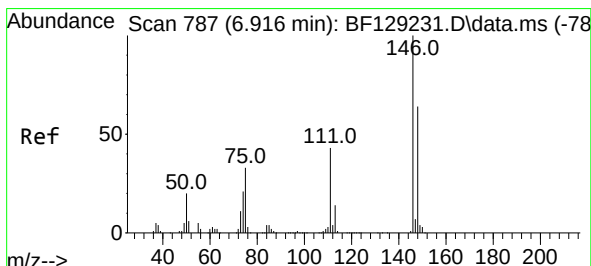
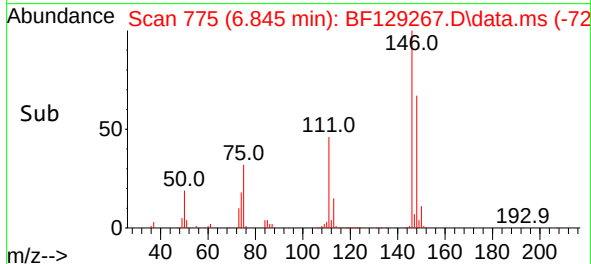
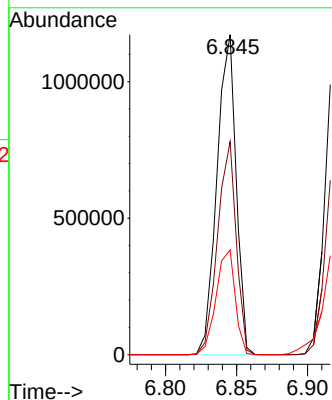
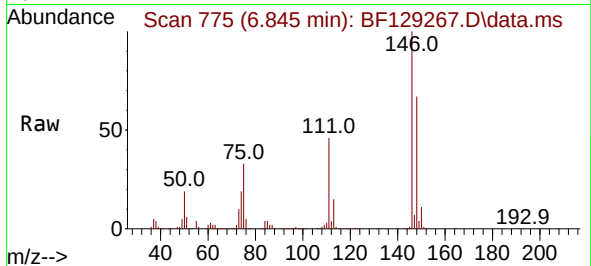




#12
1,3-Dichlorobenzene
Concen: 46.742 ng
RT: 6.845 min Scan# 774
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

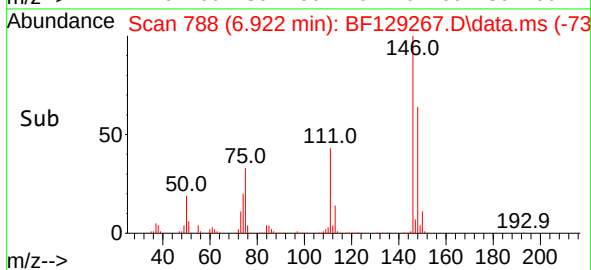
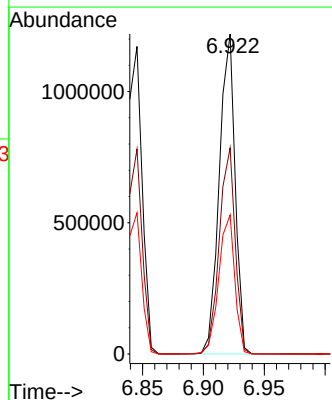
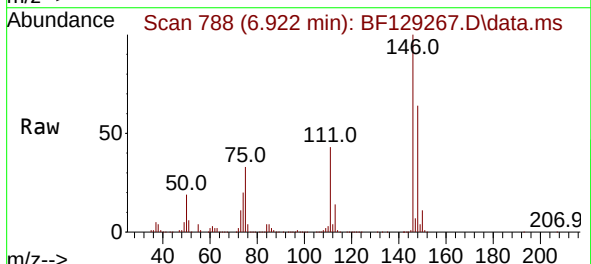
Instrument :
BNA_F
ClientSampleId :
PB146277BS

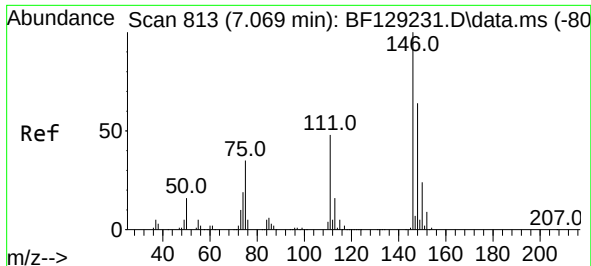
Tgt Ion:146 Resp: 1100739
Ion Ratio Lower Upper
146 100
148 66.6 50.6 75.8
75 32.7 26.3 39.5



#13
1,4-Dichlorobenzene
Concen: 46.422 ng
RT: 6.922 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:146 Resp: 1105711
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 43.5 34.2 51.4

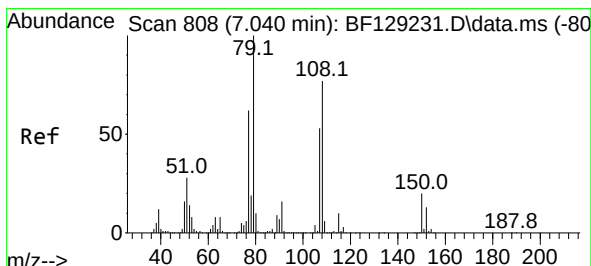
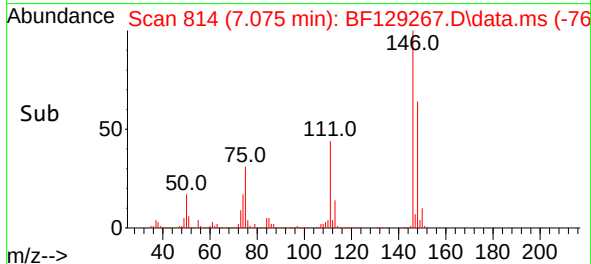
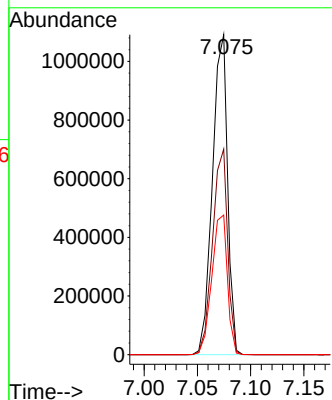
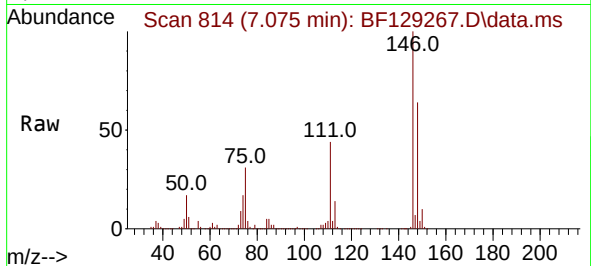




#14
1,2-Dichlorobenzene
Concen: 48.678 ng
RT: 7.075 min Scan# 813
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

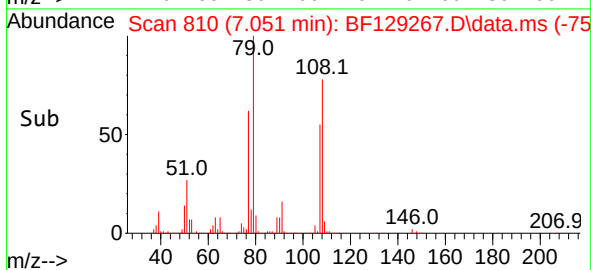
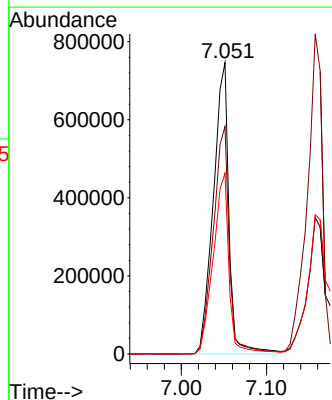
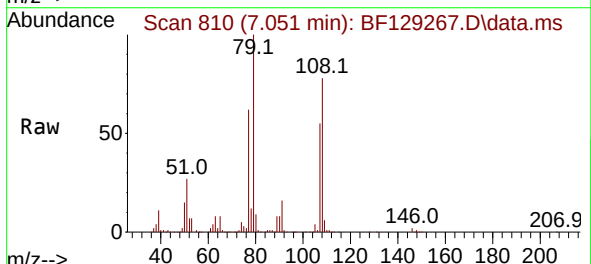
Instrument :
BNA_F
ClientSampleId :
PB146277BS

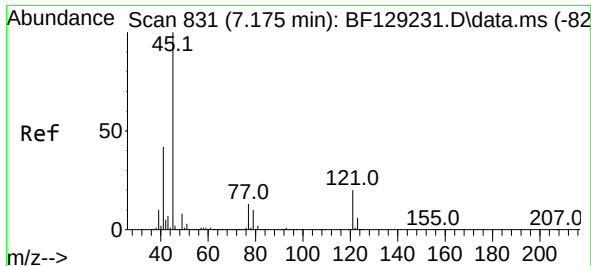
Tgt Ion:146 Resp: 1080718
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 43.6 35.1 52.7



#15
Benzyl Alcohol
Concen: 52.655 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 79 Resp: 953827
Ion Ratio Lower Upper
79 100
108 78.1 61.8 92.6
77 62.1 50.2 75.4

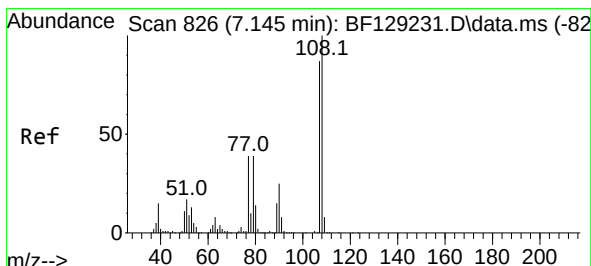
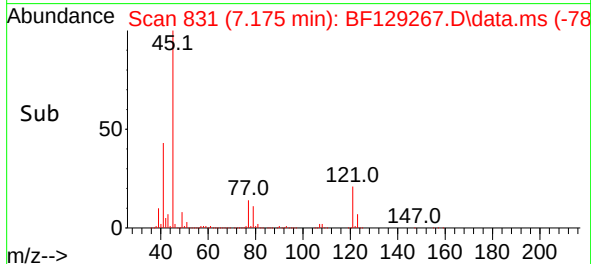
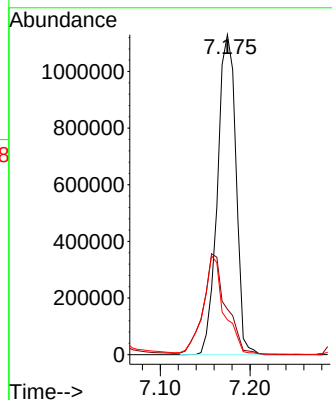
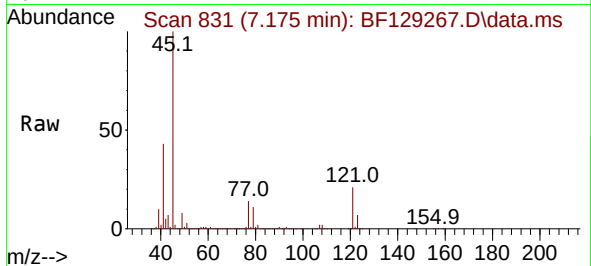




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.689 ng
RT: 7.175 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

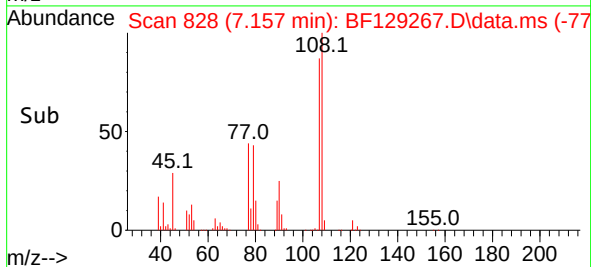
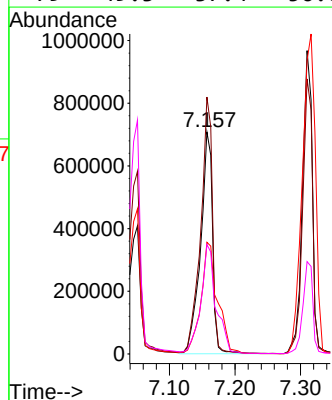
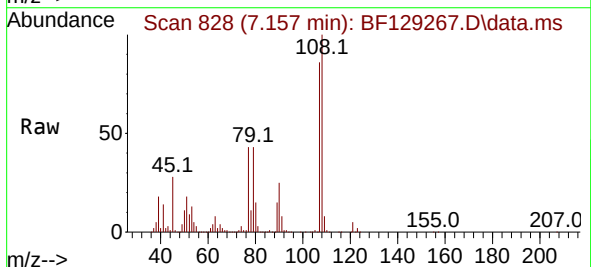
Instrument :
BNA_F
ClientSampleId :
PB146277BS

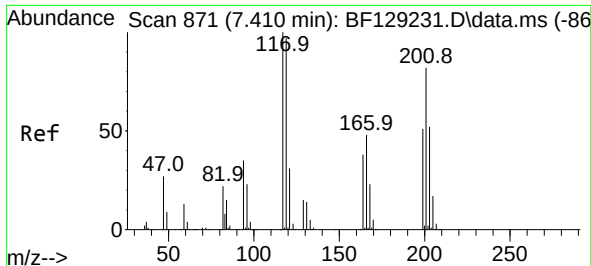
Tgt Ion: 45 Resp: 1613227
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.3
79 10.9 0.0 28.3



#17
2-Methylphenol
Concen: 48.612 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:107 Resp: 904885
Ion Ratio Lower Upper
107 100
108 115.7 91.9 137.9
77 50.3 37.8 56.8
79 49.3 37.4 56.0

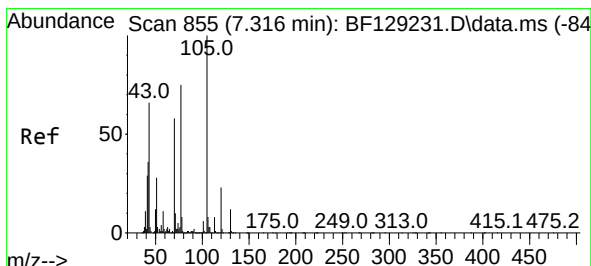
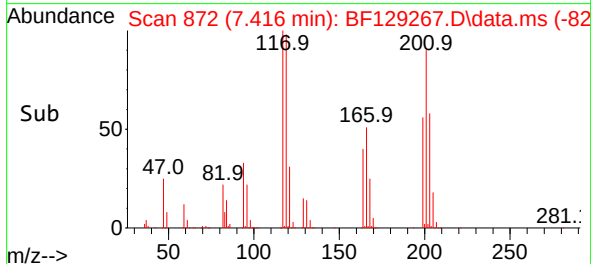
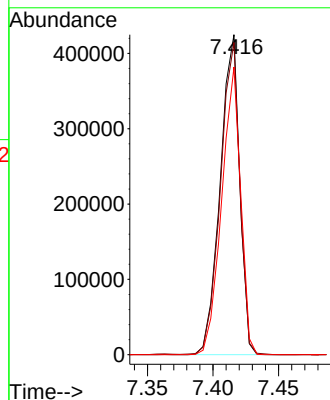
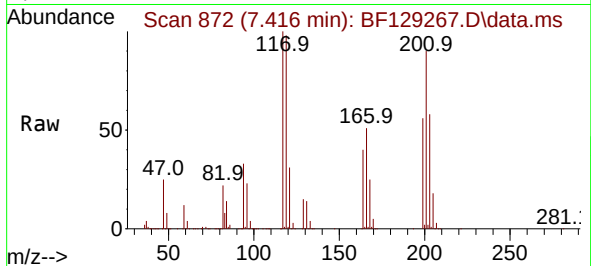




#18
Hexachloroethane
Concen: 49.183 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

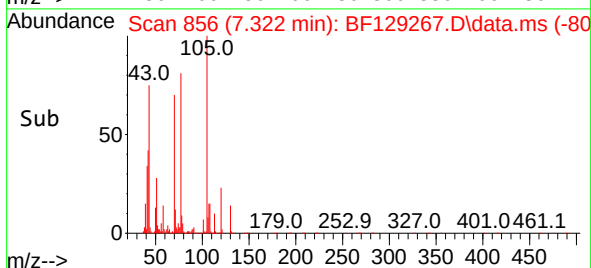
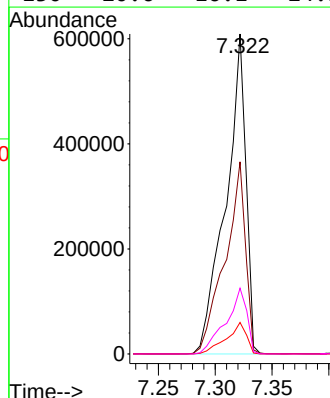
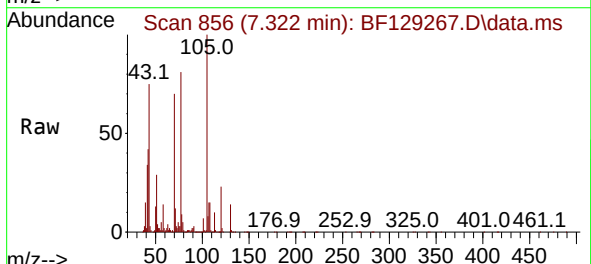
Instrument :
BNA_F
ClientSampleId :
PB146277BS

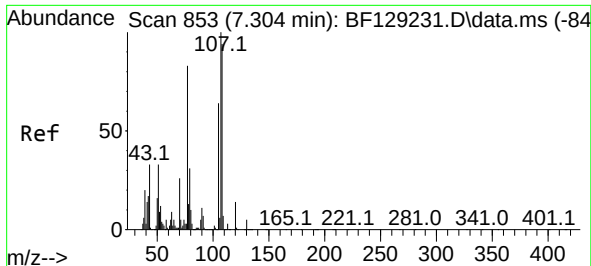
Tgt Ion:117 Resp: 437718
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.2
201 89.9 84.6 127.0



#19
n-Nitroso-di-n-propylamine
Concen: 46.801 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 70 Resp: 748751
Ion Ratio Lower Upper
70 100
42 60.0 52.3 78.5
101 9.8 7.5 11.3
130 20.6 16.1 24.1

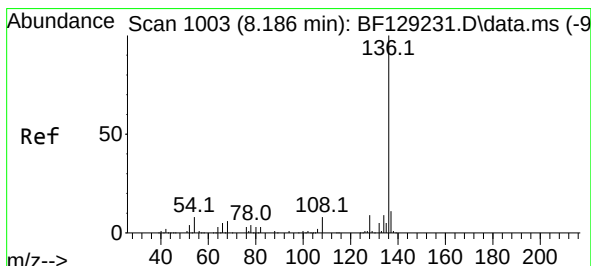
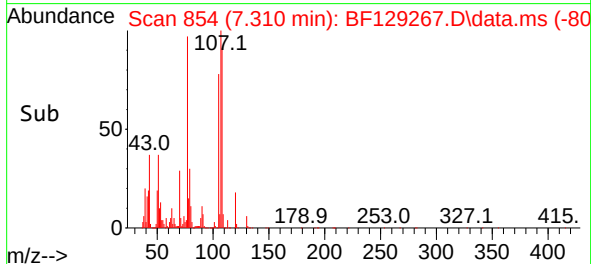
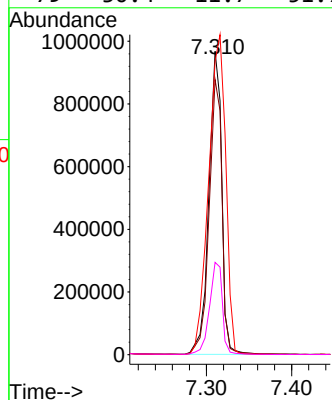
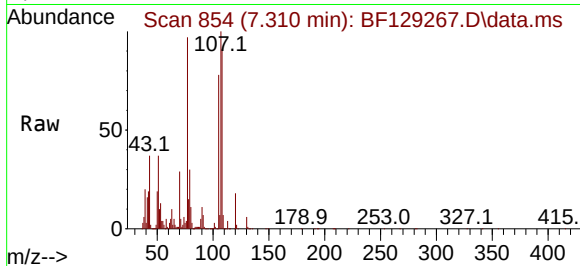




#20
3+4-Methylphenols
Concen: 44.260 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

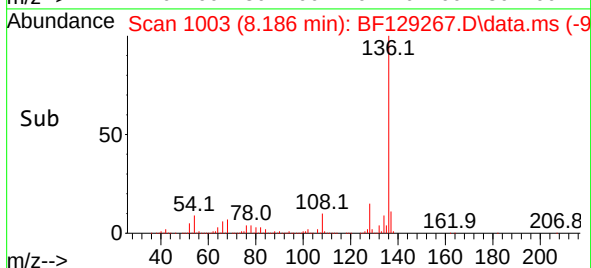
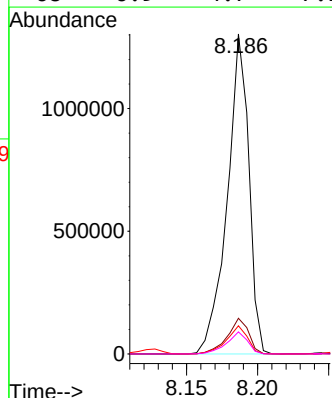
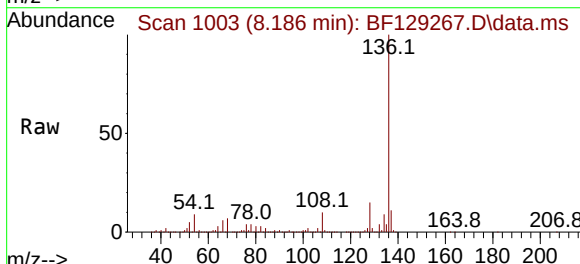
Instrument :
BNA_F
ClientSampleId :
PB146277BS

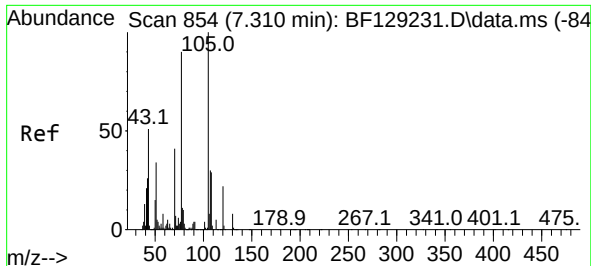
Tgt Ion:107 Resp: 1012588
Ion Ratio Lower Upper
107 100
108 90.6 71.8 111.8
77 96.7 59.3 99.3
79 30.4 11.7 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:136 Resp: 1375716
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.8 7.5 11.3
68 6.9 4.7 7.1

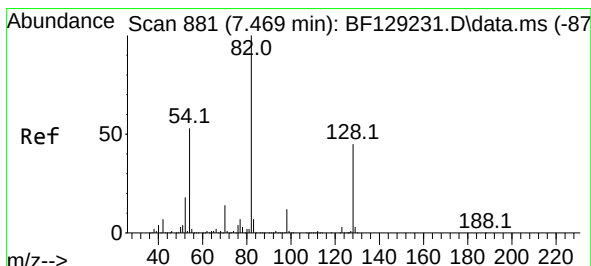
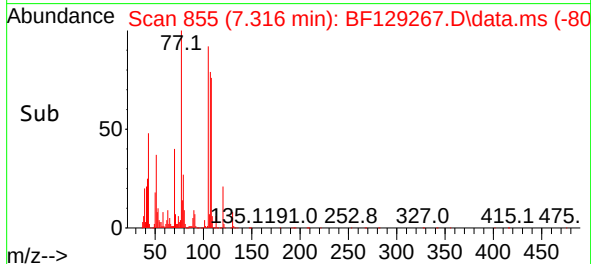
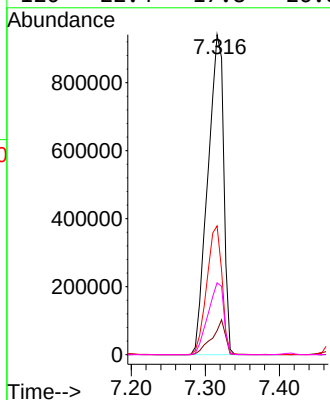
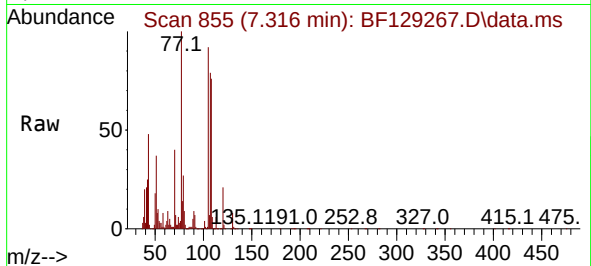




#22
Acetophenone
Concen: 43.978 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

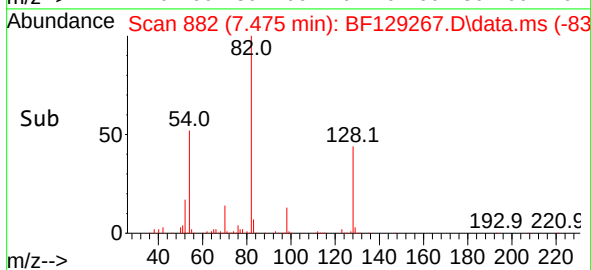
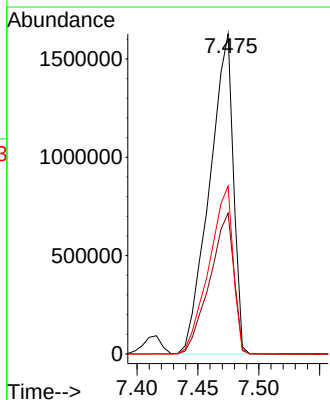
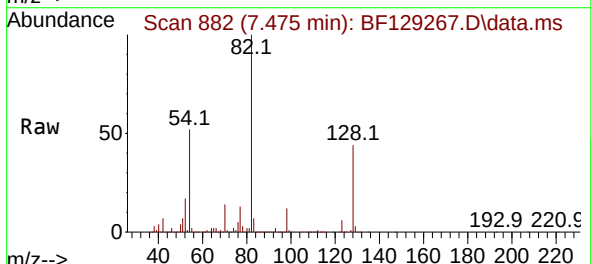
Instrument :
BNA_F
ClientSampleId :
PB146277BS

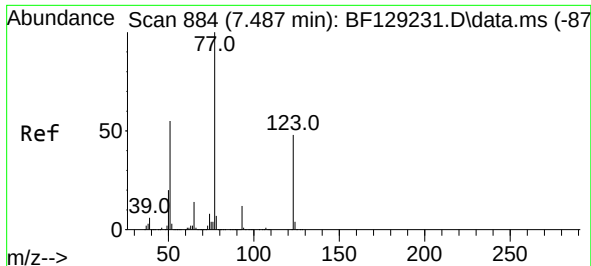
Tgt Ion:105 Resp: 1396217
Ion Ratio Lower Upper
105 100
71 7.5 5.0 7.4#
51 40.2 25.0 37.4#
120 22.4 17.8 26.8



#23
Nitrobenzene-d5
Concen: 86.130 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 82 Resp: 2216646
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 52.5 46.9 70.3

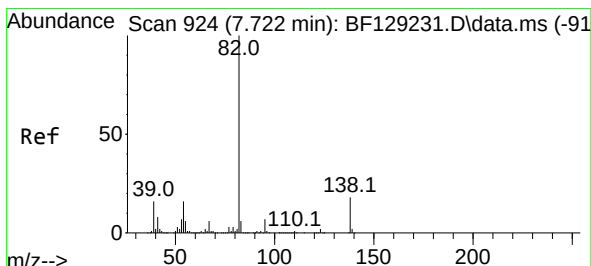
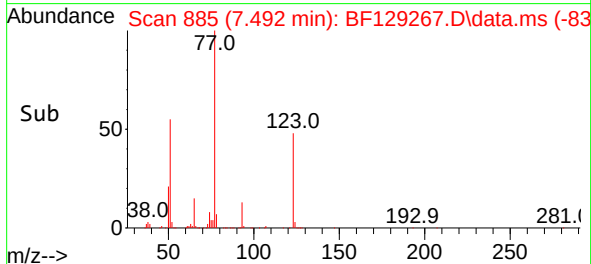
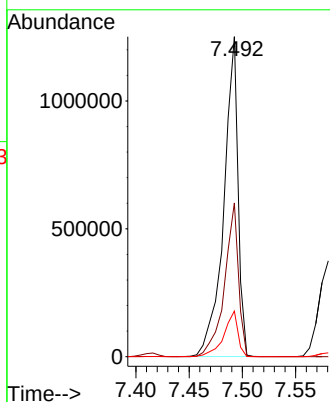
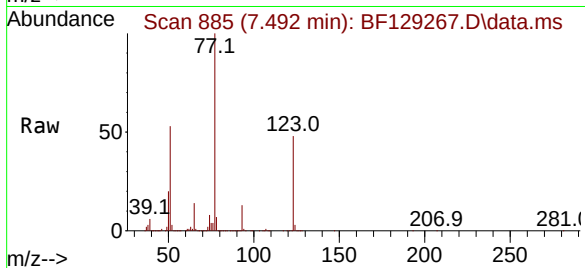




#24
Nitrobenzene
Concen: 47.455 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

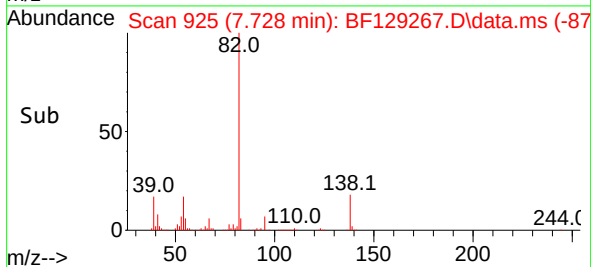
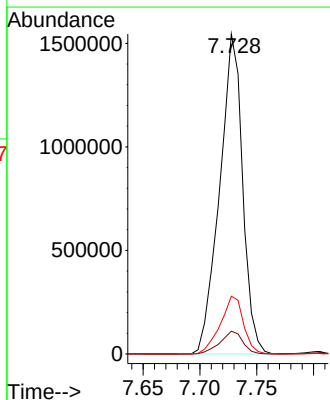
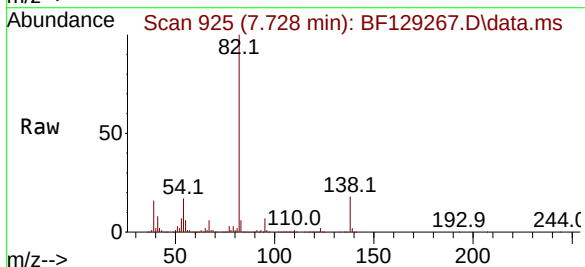
Instrument :
BNA_F
ClientSampleId :
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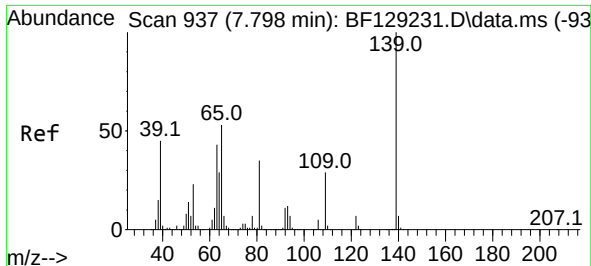
Tgt Ion: 77 Resp: 1161784
Ion Ratio Lower Upper
77 100
123 48.1 35.4 53.2
65 14.3 11.8 17.8



#25
Isophorone
Concen: 50.223 ng
RT: 7.728 min Scan# 925
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 82 Resp: 2172369
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.1 14.2 21.2

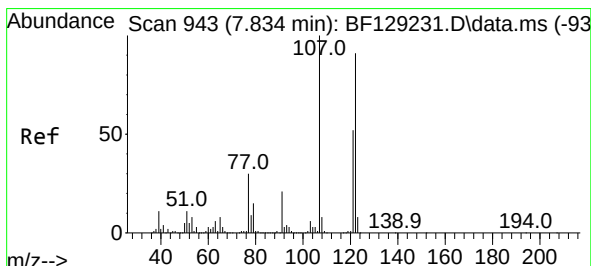
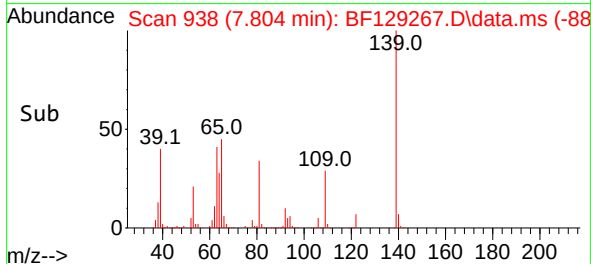
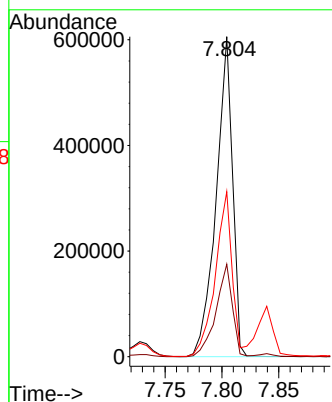
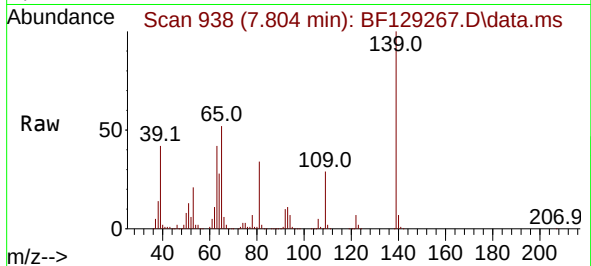




#26
2-Nitrophenol
Concen: 49.611 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

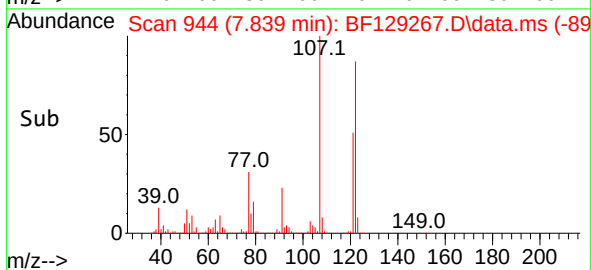
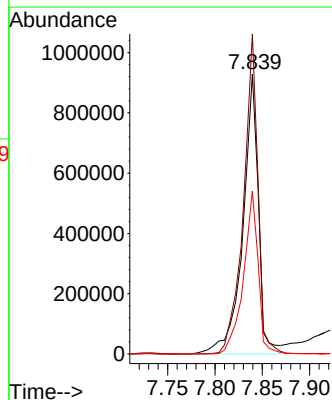
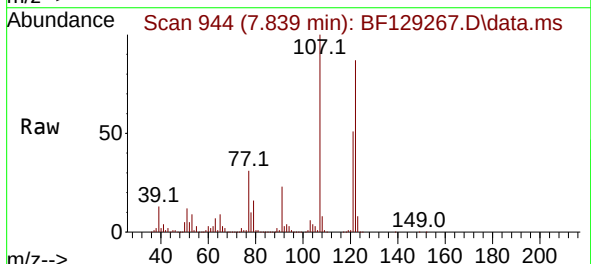
Instrument :
BNA_F
ClientSampleId :
PB146277BS

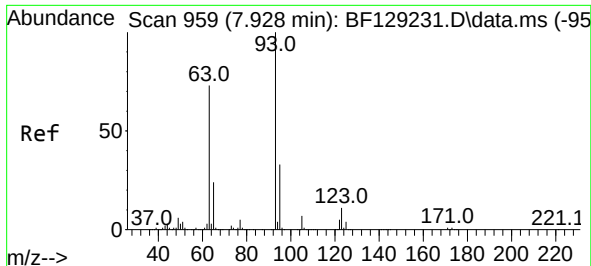
Tgt Ion:139 Resp: 610105
Ion Ratio Lower Upper
139 100
109 28.9 25.0 37.4
65 51.6 45.1 67.7



#27
2,4-Dimethylphenol
Concen: 55.260 ng
RT: 7.839 min Scan# 944
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:122 Resp: 1056702
Ion Ratio Lower Upper
122 100
107 114.4 93.0 139.6
121 58.3 46.6 70.0

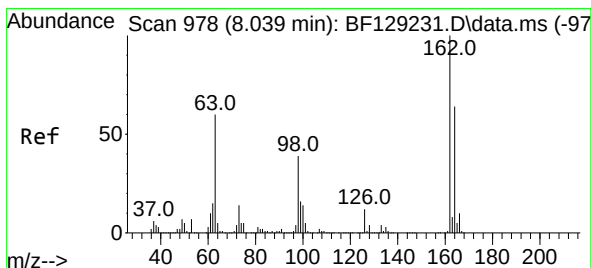
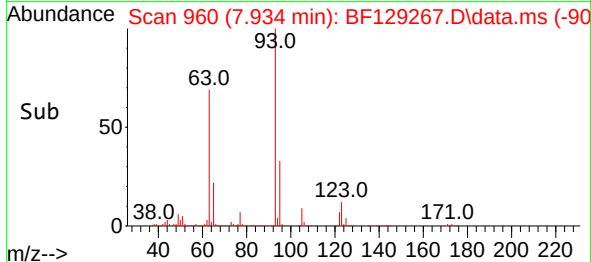
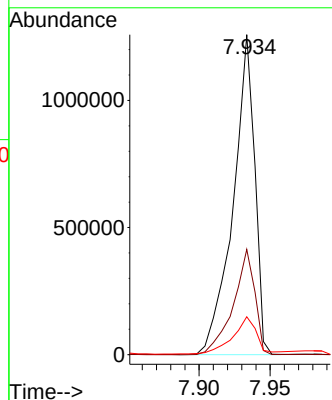
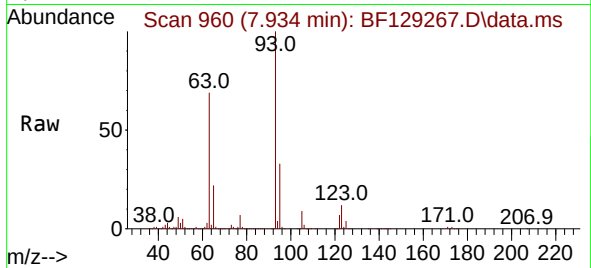




#28
bis(2-Chloroethoxy)methane
Concen: 46.376 ng
RT: 7.934 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

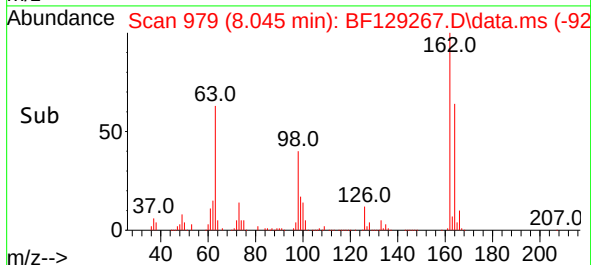
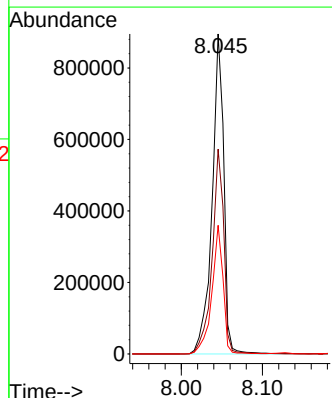
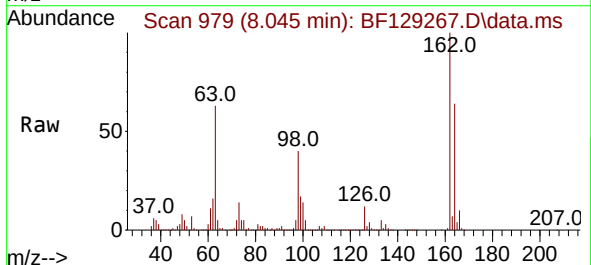
Instrument :
BNA_F
ClientSampleId :
PB146277BS

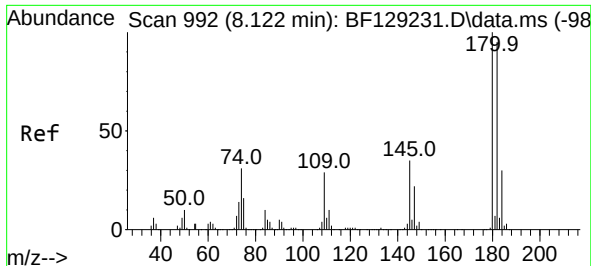
Tgt Ion: 93 Resp: 1336182
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.9 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 47.158 ng
RT: 8.045 min Scan# 979
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:162 Resp: 896499
Ion Ratio Lower Upper
162 100
164 64.0 44.2 84.2
98 40.2 19.6 59.6

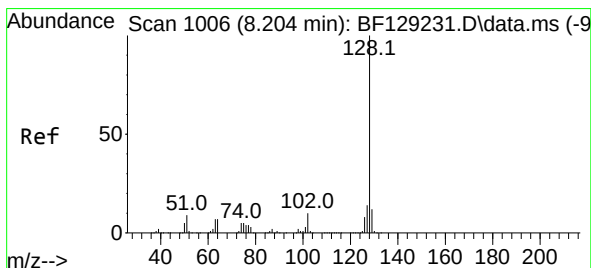
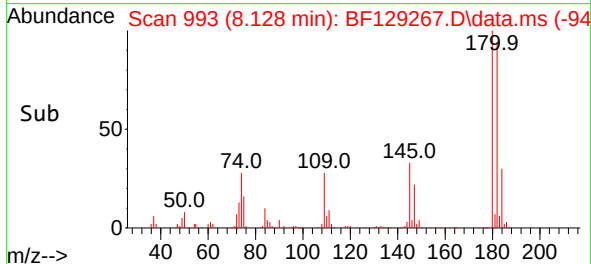
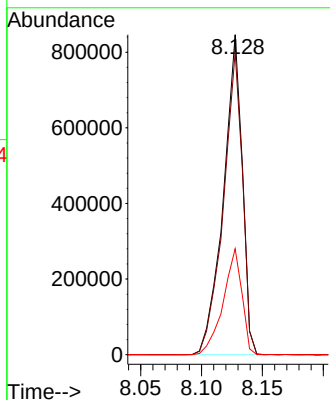
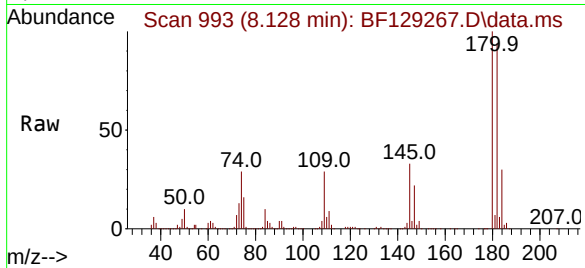




#30
1,2,4-Trichlorobenzene
Concen: 46.415 ng
RT: 8.128 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

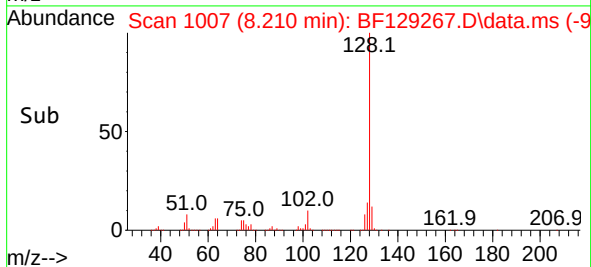
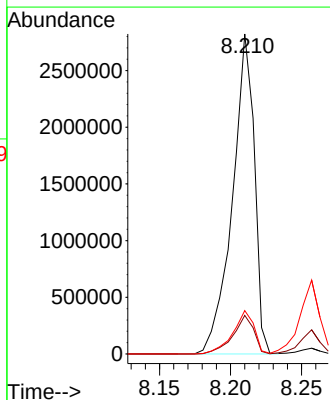
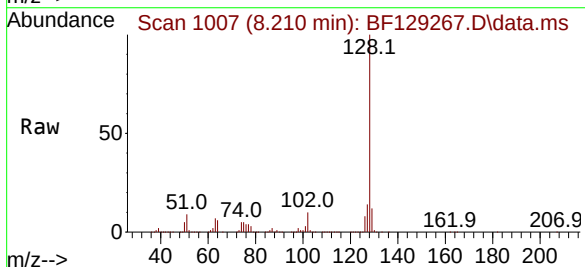
Instrument :
BNA_F
ClientSampleId :
PB146277BS

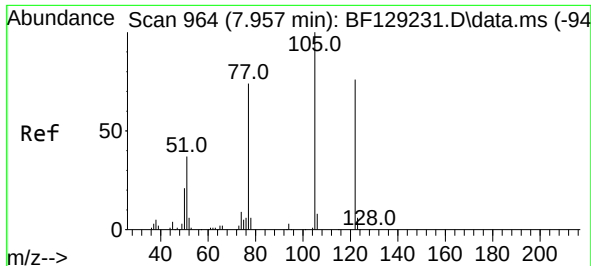
Tgt Ion:180 Resp: 915594
Ion Ratio Lower Upper
180 100
182 94.5 79.2 118.8
145 33.1 26.2 39.2



#31
Naphthalene
Concen: 46.414 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:128 Resp: 3025269
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.6 10.5 15.7

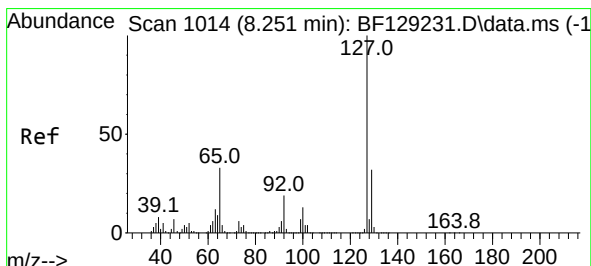
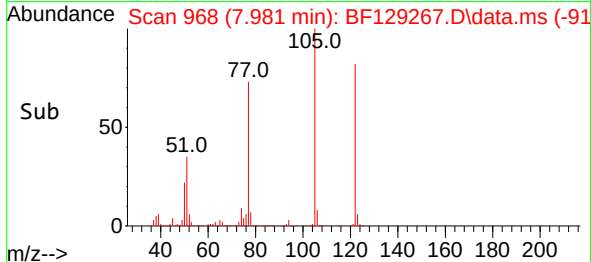
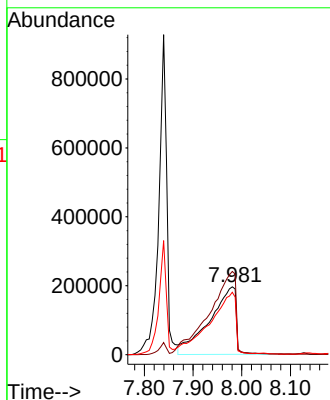
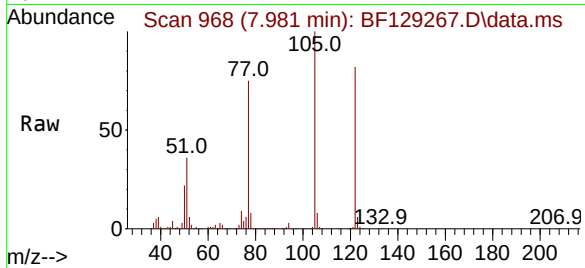




#32
Benzoic acid
Concen: 50.027 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.023 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

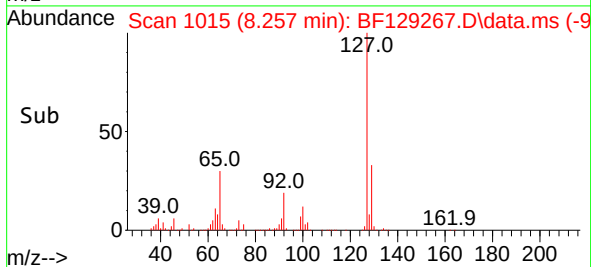
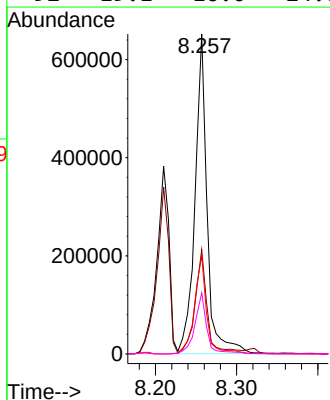
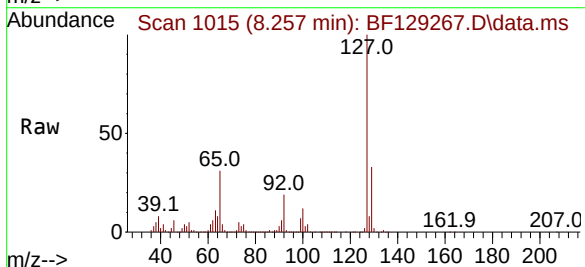
Instrument :
BNA_F
ClientSampleId :
PB146277BS

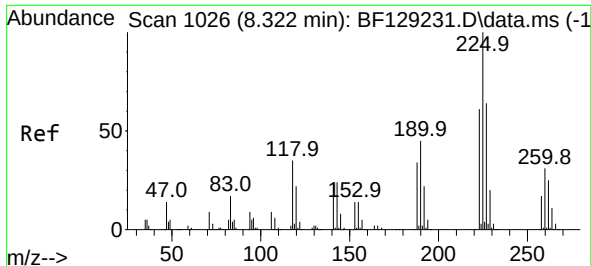
Tgt Ion:122 Resp: 742991
Ion Ratio Lower Upper
122 100
105 122.6 107.1 147.1
77 91.8 74.2 114.2



#33
4-Chloroaniline
Concen: 25.167 ng
RT: 8.257 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:127 Resp: 680270
Ion Ratio Lower Upper
127 100
129 32.6 26.4 39.6
65 30.6 26.4 39.6
92 19.1 16.0 24.0

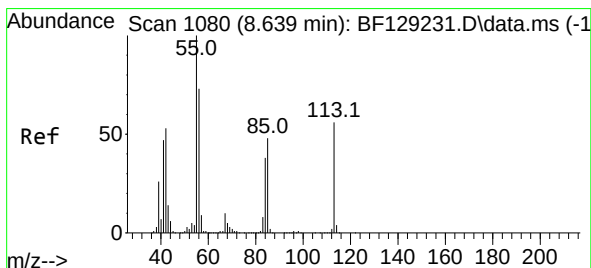
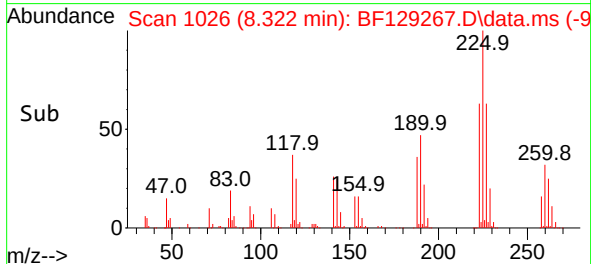
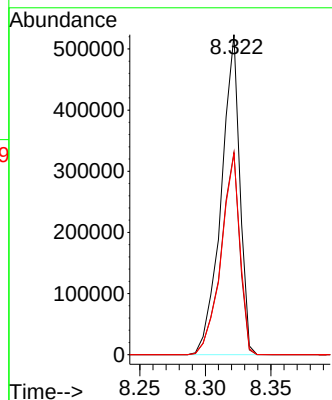
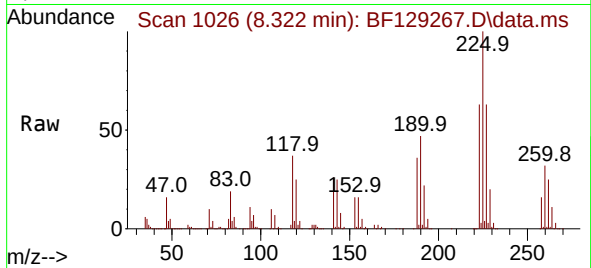




#34
Hexachlorobutadiene
Concen: 46.398 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

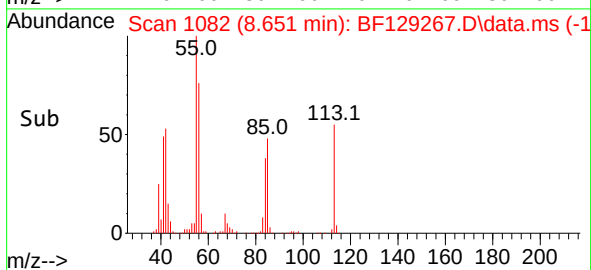
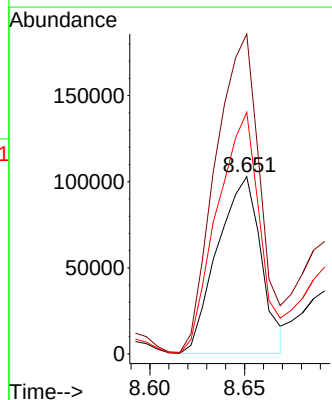
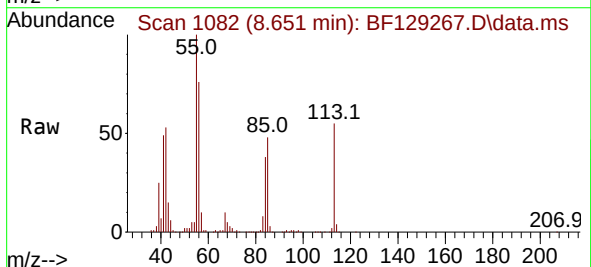
Instrument :
BNA_F
ClientSampleId :
PB146277BS

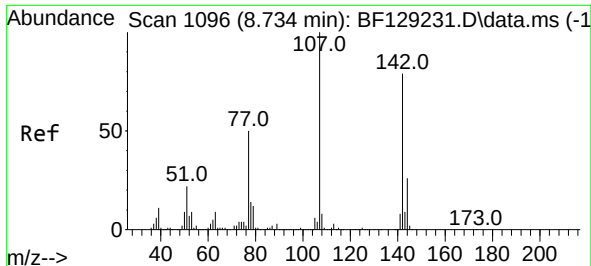
Tgt Ion:225 Resp: 514913
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.6
227 62.8 51.1 76.7



#35
Caprolactam
Concen: 26.039 ng
RT: 8.651 min Scan# 1082
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:113 Resp: 164438
Ion Ratio Lower Upper
113 100
55 180.5 188.5 228.5#
56 136.5 130.6 170.6

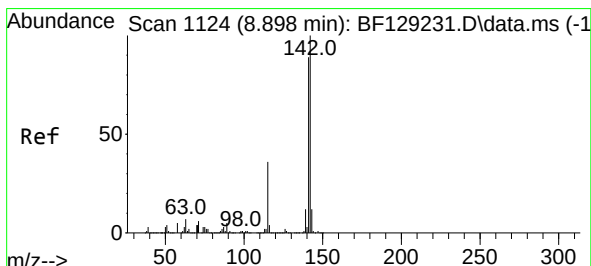
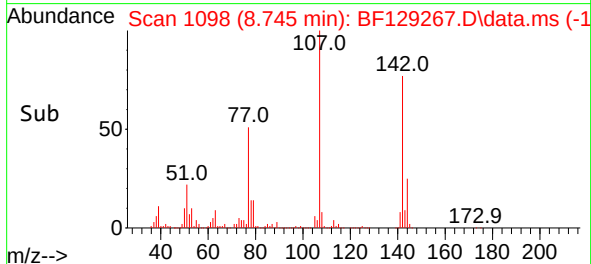
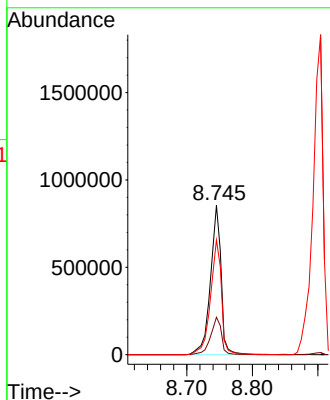
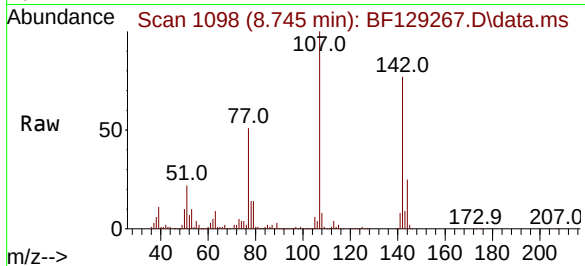




#36
4-Chloro-3-methylphenol
Concen: 46.658 ng
RT: 8.745 min Scan# 1098
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

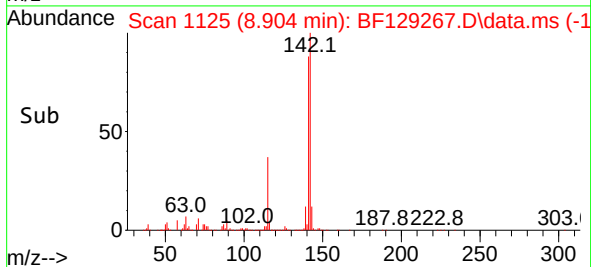
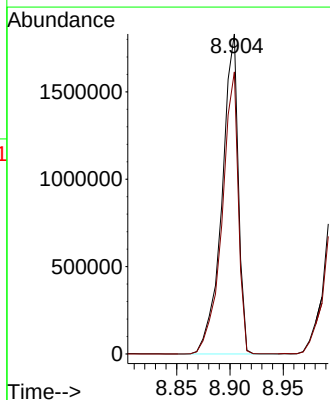
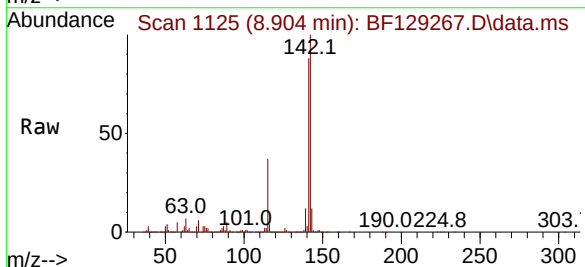
Instrument :
BNA_F
ClientSampleId :
PB146277BS

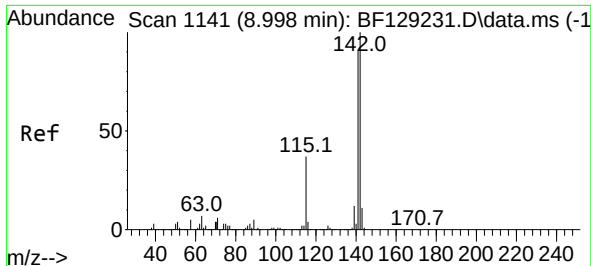
Tgt Ion:107 Resp: 967617
Ion Ratio Lower Upper
107 100
144 25.1 19.5 29.3
142 76.7 58.2 87.4



#37
2-Methylnaphthalene
Concen: 45.865 ng
RT: 8.904 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:142 Resp: 1948457
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4

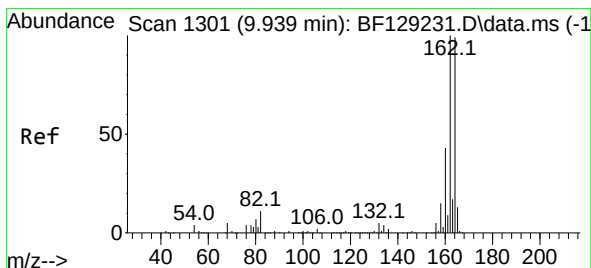
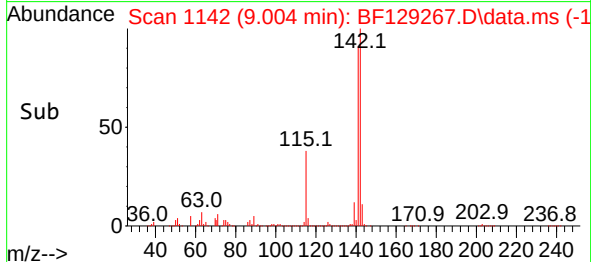
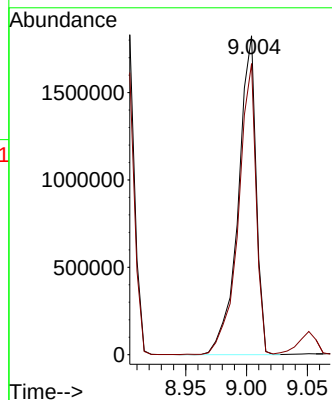
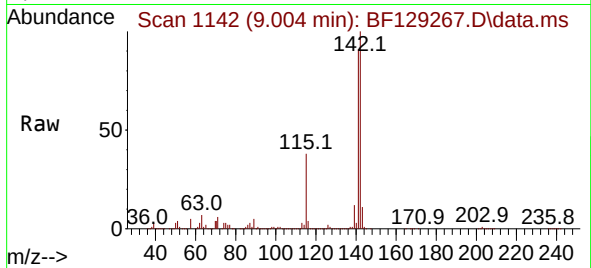




#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 9.004 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

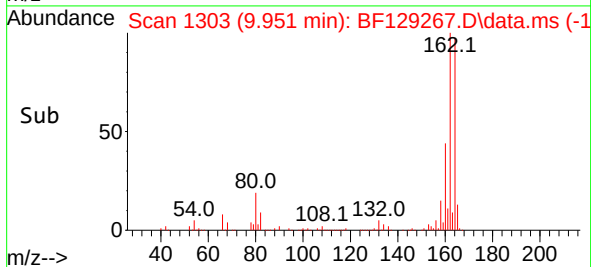
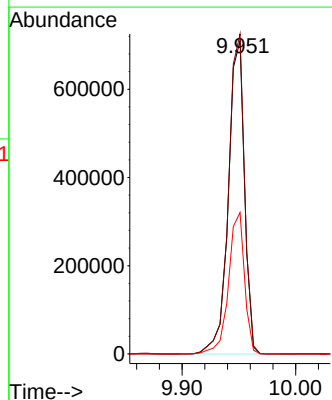
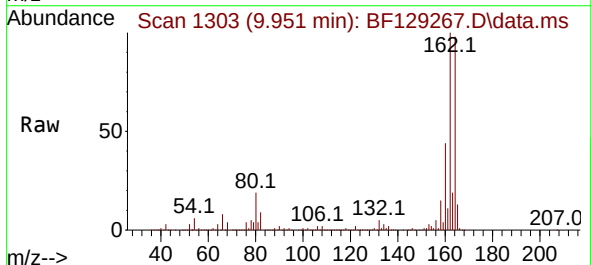
Instrument :
BNA_F
ClientSampleId :
PB146277BS

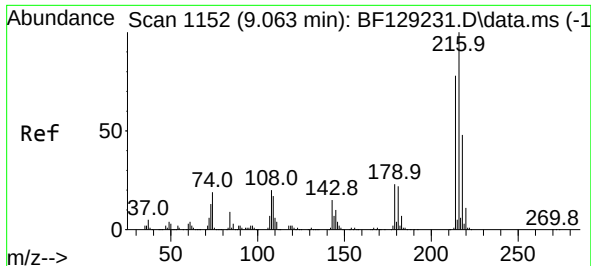
Tgt Ion:142 Resp: 1856941
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:164 Resp: 701551
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 45.1 34.2 51.4

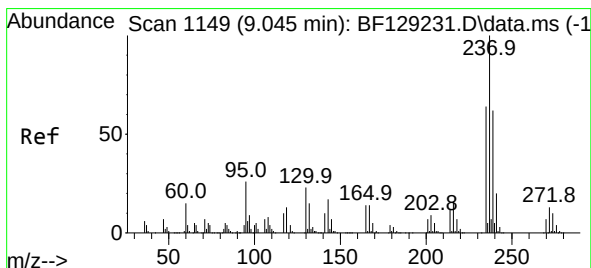
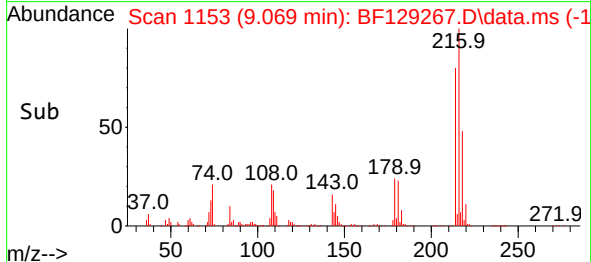
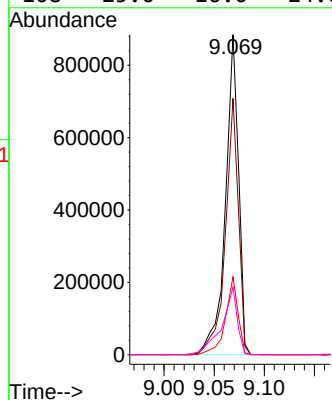
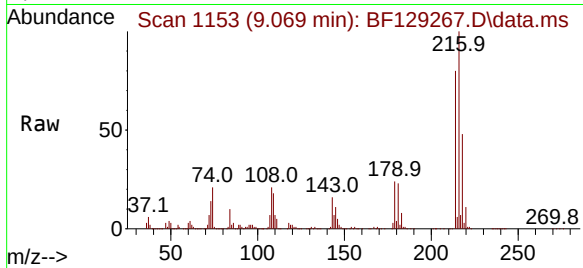




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.995 ng
RT: 9.069 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

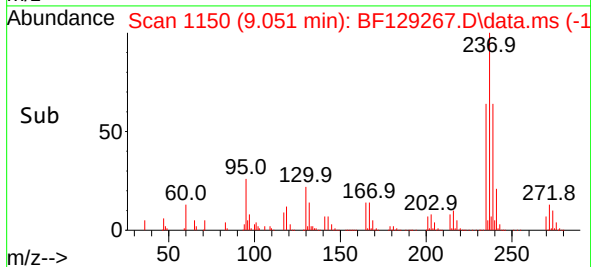
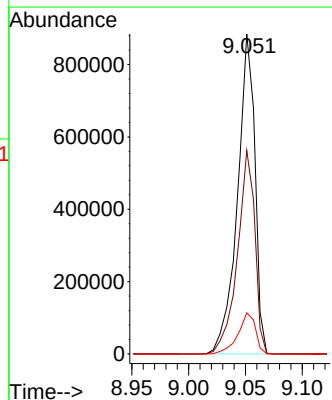
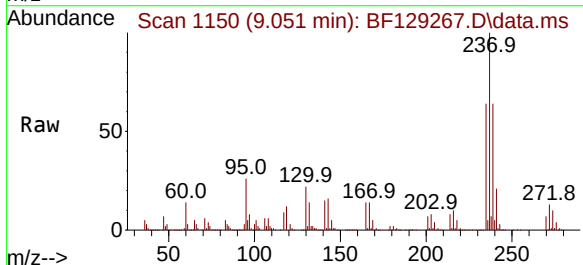
Instrument :
BNA_F
ClientSampleId :
PB146277BS

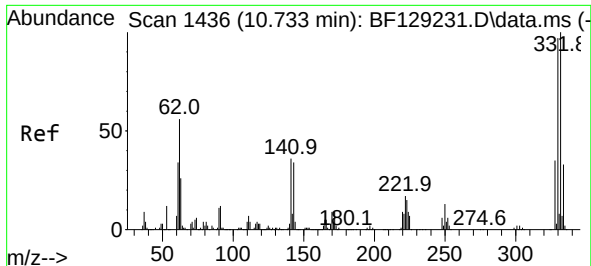
Tgt Ion:	216	Resp:	802257
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.6	95.4
179	23.2	17.0	25.6
108	25.0	16.0	24.0



#41
Hexachlorocyclopentadiene
Concen: 107.770 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:	237	Resp:	945927
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.2	83.2
272	12.8	0.0	31.9





#42

2,4,6-Tribromophenol

Concen: 127.430 ng

RT: 10.745 min Scan# 1438

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

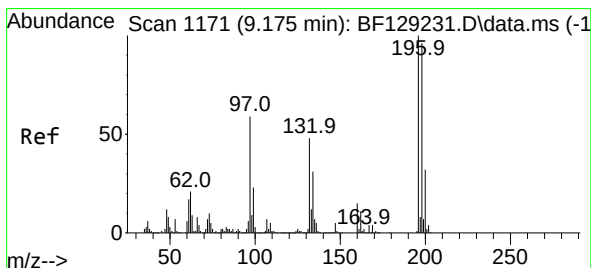
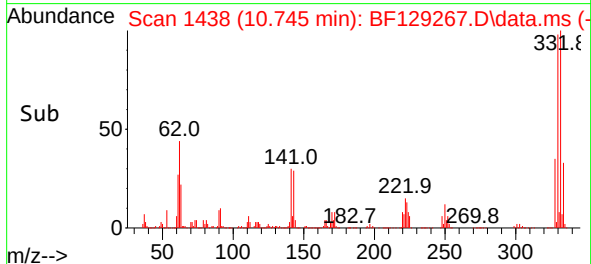
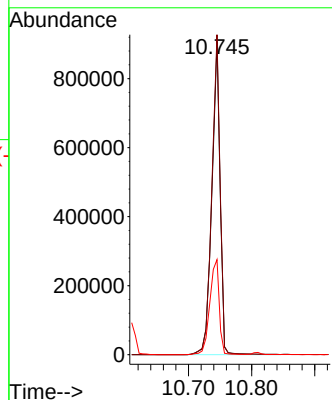
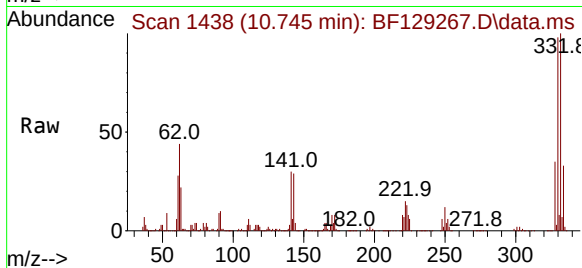
Tgt Ion:330 Resp: 829769

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 34.7 28.0 42.0



#43

2,4,6-Trichlorophenol

Concen: 48.300 ng

RT: 9.181 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

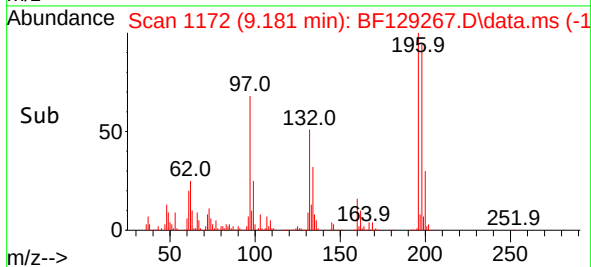
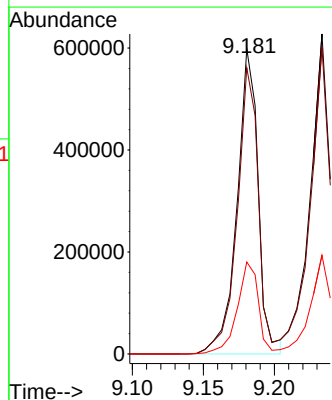
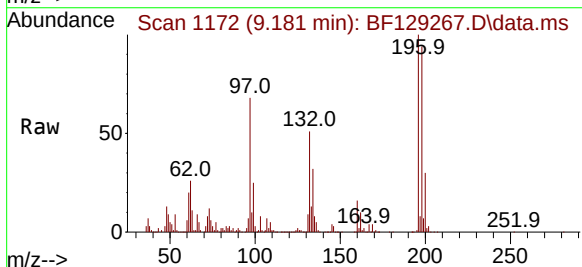
Tgt Ion:196 Resp: 620360

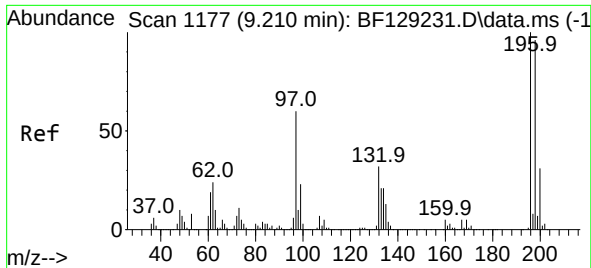
Ion Ratio Lower Upper

196 100

198 93.8 74.0 111.0

200 30.1 24.1 36.1

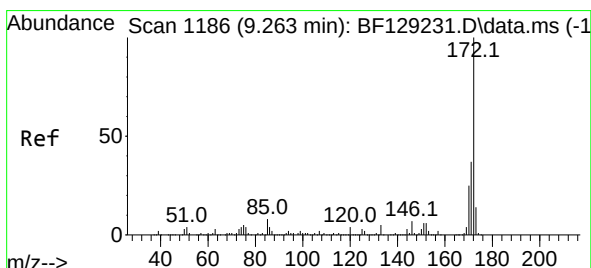
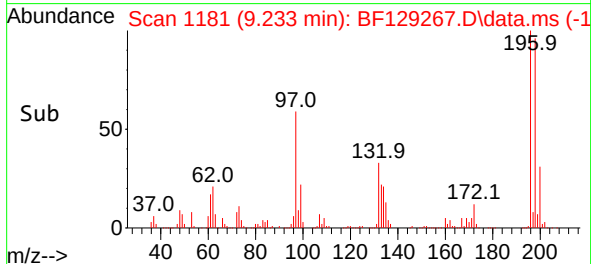
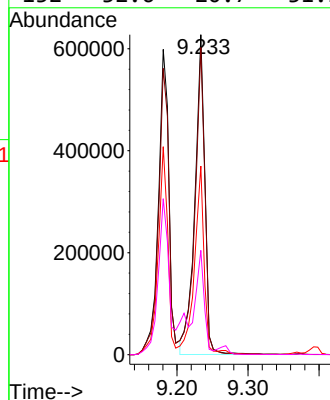
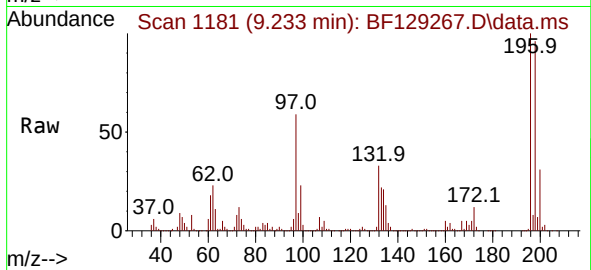




#44
2,4,5-Trichlorophenol
Concen: 45.520 ng
RT: 9.233 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

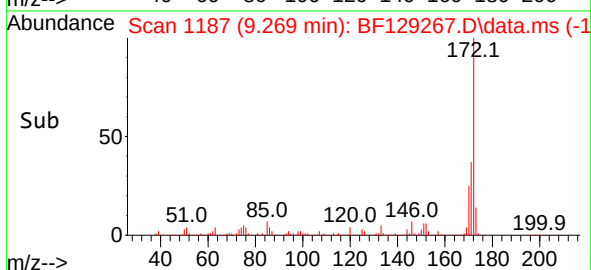
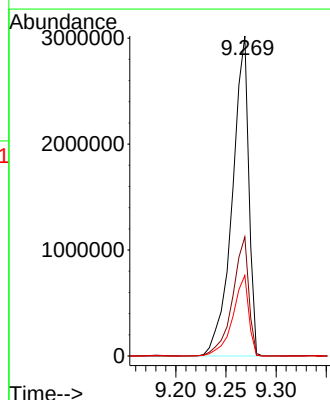
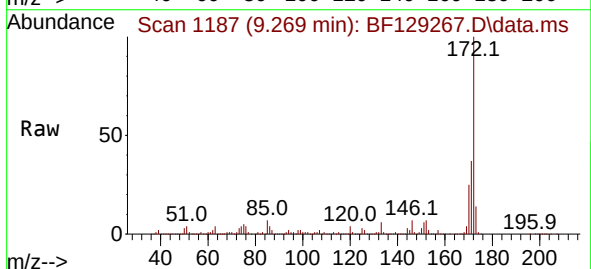
Instrument :
BNA_F
ClientSampleId :
PB146277BS

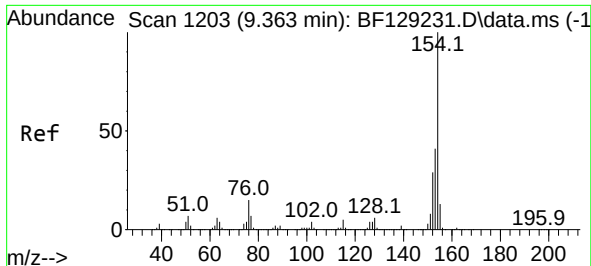
Tgt Ion:196 Resp: 618427
Ion Ratio Lower Upper
196 100
198 96.0 75.7 113.5
97 59.0 36.4 54.6#
132 32.6 20.7 31.1#



#45
2-Fluorobiphenyl
Concen: 83.211 ng
RT: 9.269 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:172 Resp: 3445700
Ion Ratio Lower Upper
172 100
171 37.2 28.8 43.2
170 25.1 19.8 29.8

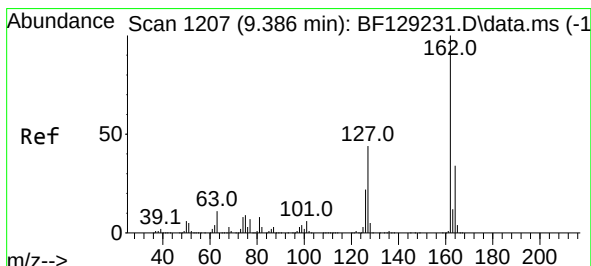
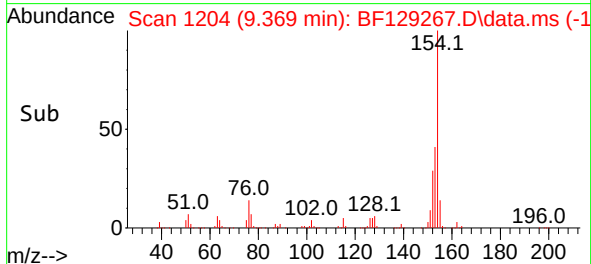
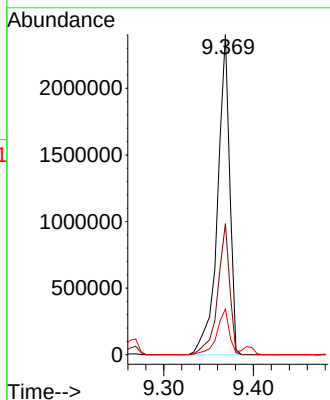
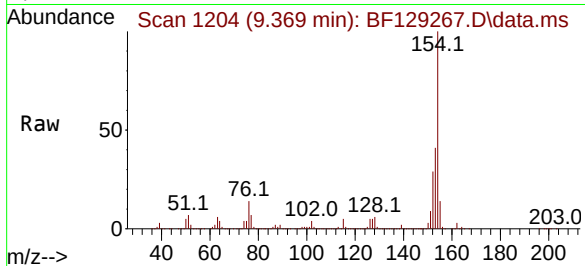




#46
1,1'-Biphenyl
Concen: 45.432 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

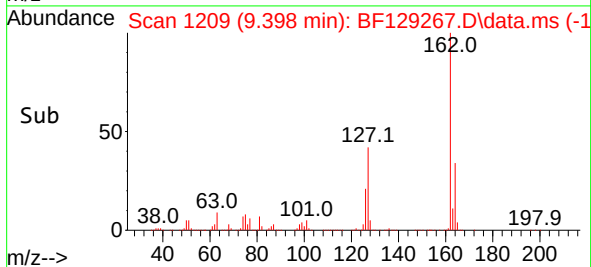
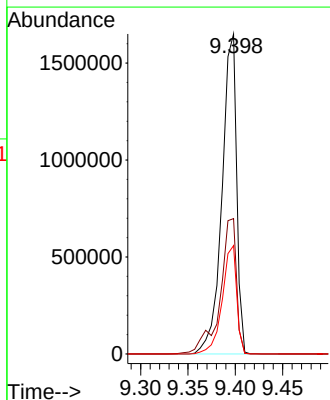
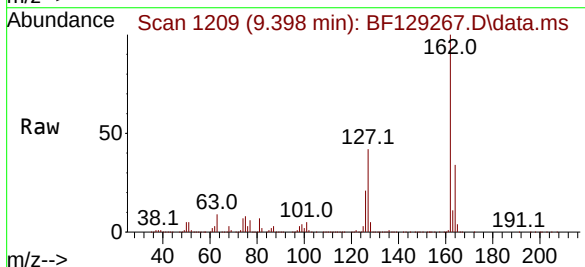
Instrument :
BNA_F
ClientSampleId :
PB146277BS

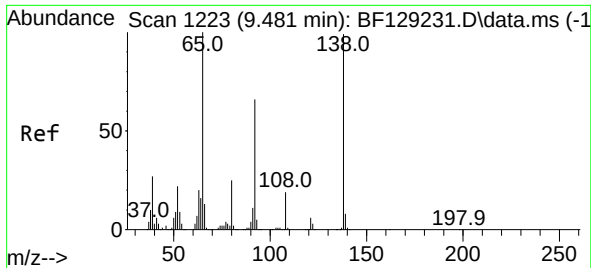
Tgt Ion:154 Resp: 2254363
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 14.3 0.0 33.3



#47
2-Chloronaphthalene
Concen: 45.491 ng
RT: 9.398 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:162 Resp: 1777961
Ion Ratio Lower Upper
162 100
127 42.3 34.5 51.7
164 33.8 26.5 39.7

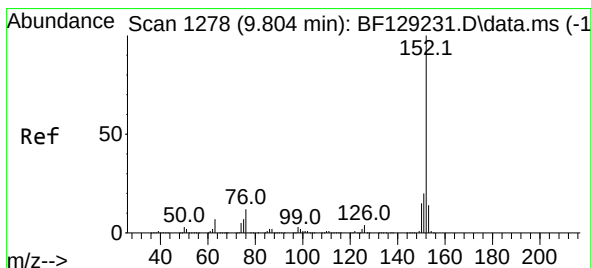
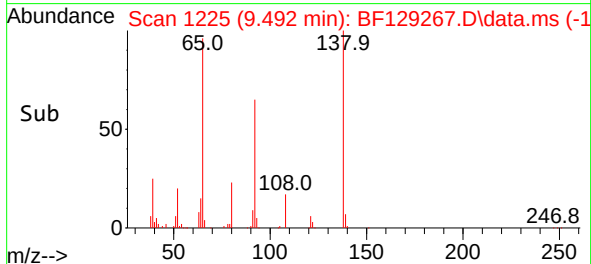
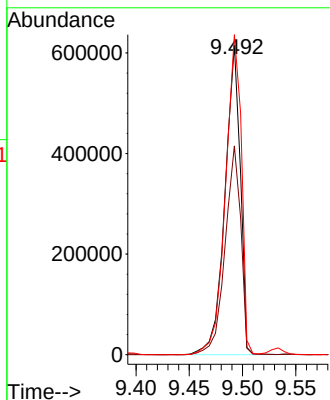
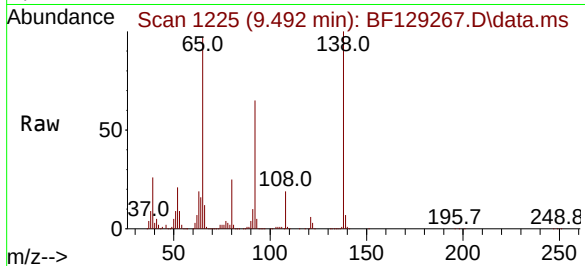




#48
2-Nitroaniline
Concen: 47.000 ng
RT: 9.492 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

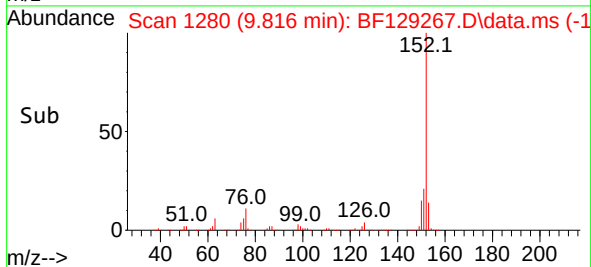
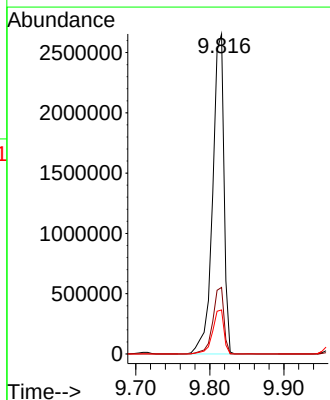
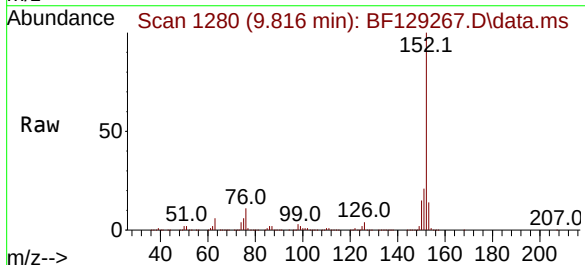
Instrument :
BNA_F
ClientSampleId :
PB146277BS

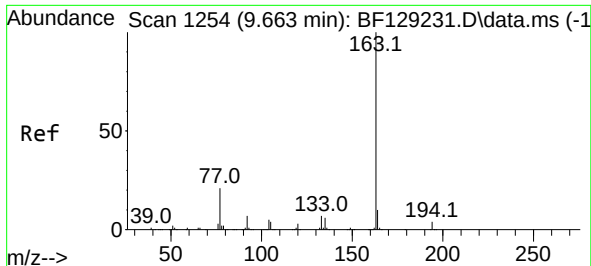
Tgt Ion: 65 Resp: 617150
Ion Ratio Lower Upper
65 100
92 67.4 51.9 77.9
138 103.3 76.4 114.6



#49
Acenaphthylene
Concen: 47.573 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 152 Resp: 2798520
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.8 10.7 16.1

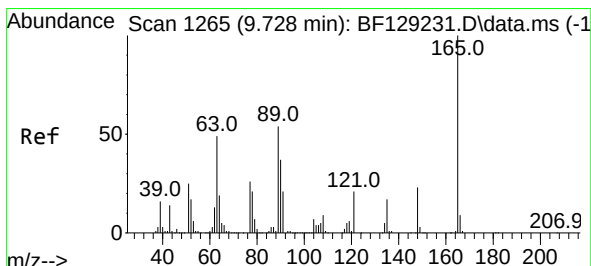
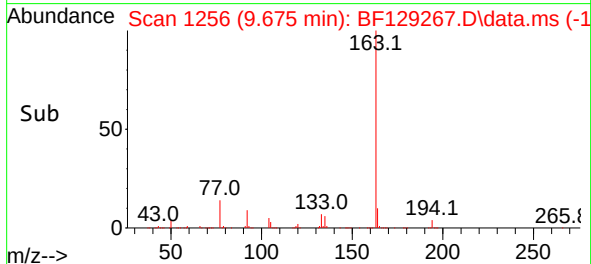
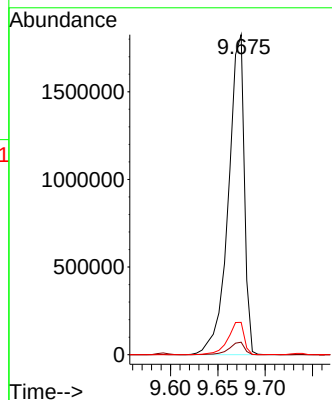
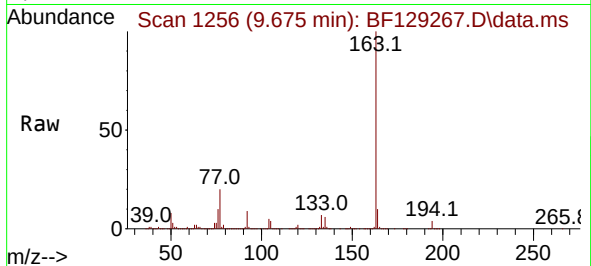




#50
Dimethylphthalate
Concen: 46.748 ng
RT: 9.675 min Scan# 1256
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

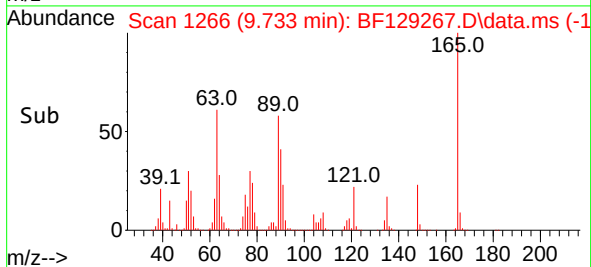
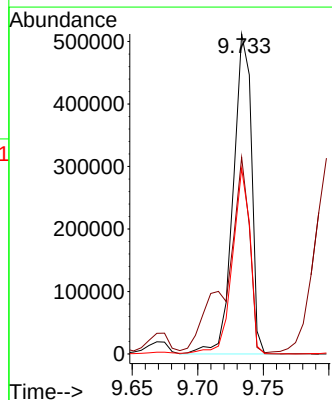
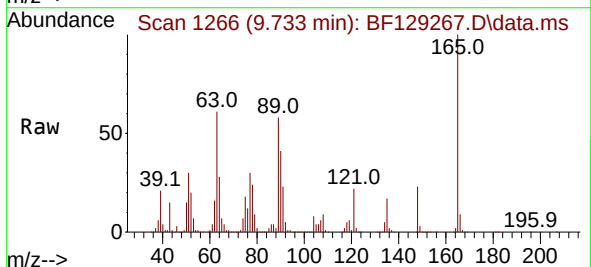
Instrument :
BNA_F
ClientSampleId :
PB146277BS

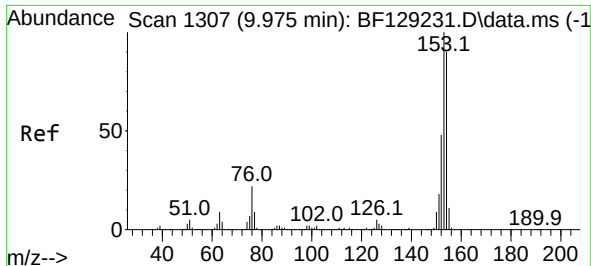
Tgt Ion:163 Resp: 2128252
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 50.480 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:165 Resp: 497293
Ion Ratio Lower Upper
165 100
63 61.5 44.9 67.3
89 58.0 43.6 65.4

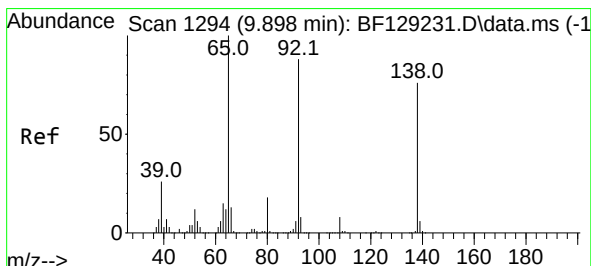
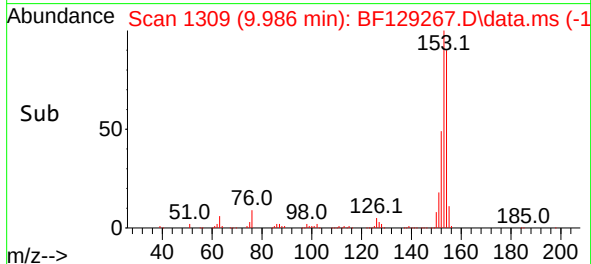
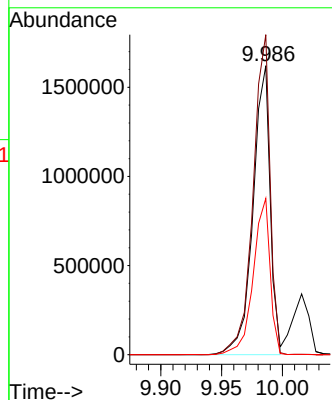
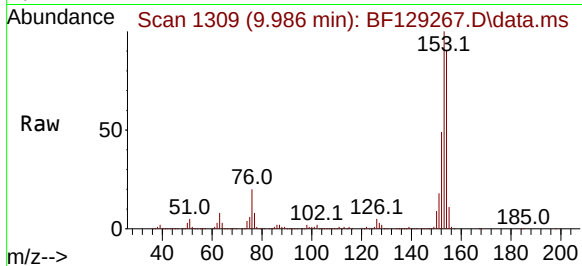




#52
Acenaphthene
Concen: 41.445 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

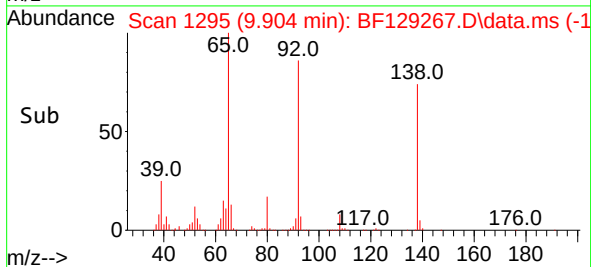
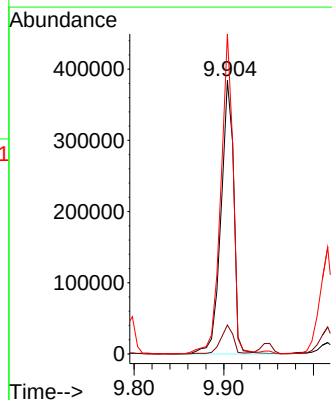
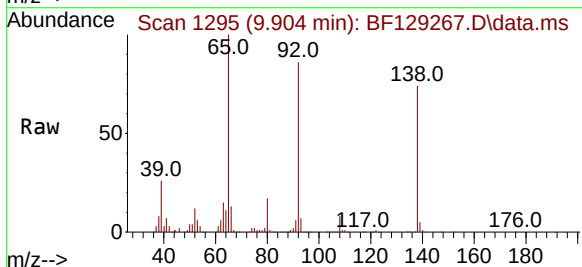
Instrument :
BNA_F
ClientSampleId :
PB146277BS

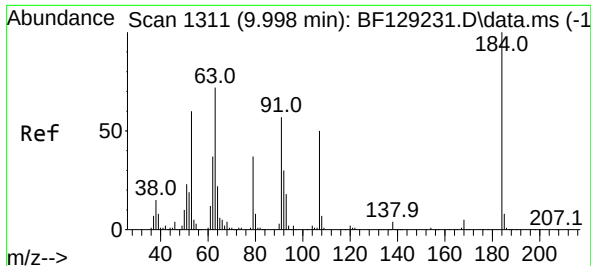
Tgt Ion:154 Resp: 1593617
Ion Ratio Lower Upper
154 100
153 110.7 89.6 134.4
152 54.1 42.4 63.6



#53
3-Nitroaniline
Concen: 32.273 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:138 Resp: 379655
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3#
92 117.0 98.2 147.2

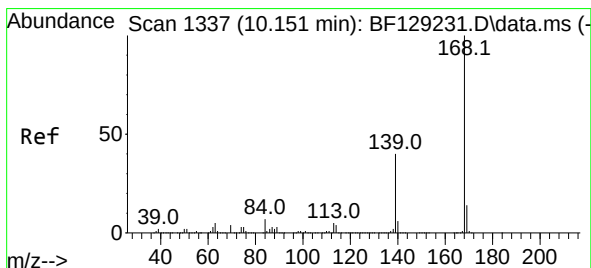
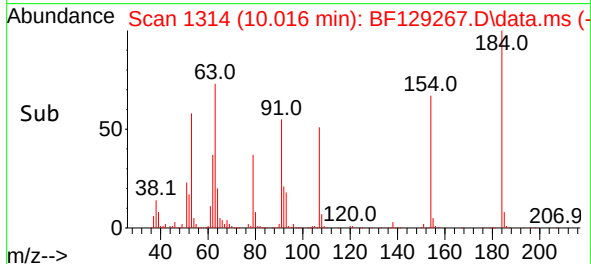
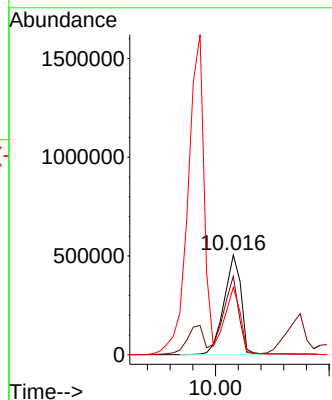
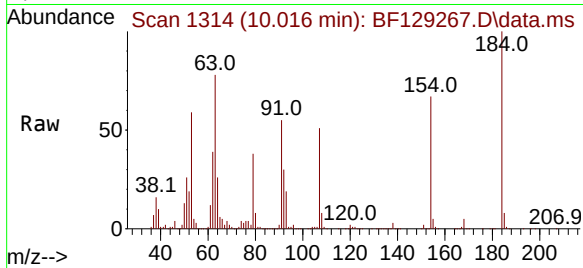




#54
2,4-Dinitrophenol
Concen: 100.482 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

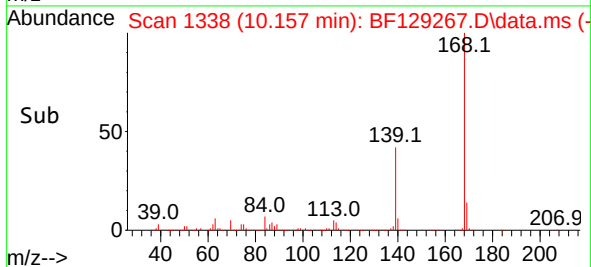
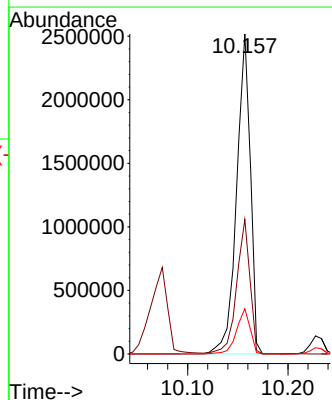
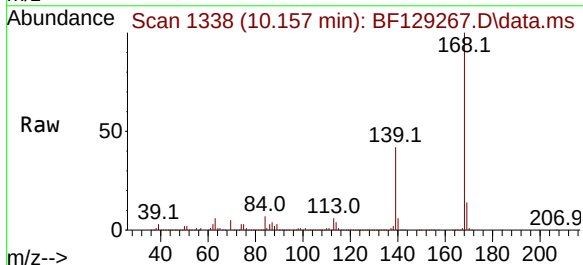
Instrument :
BNA_F
ClientSampleId :
PB146277BS

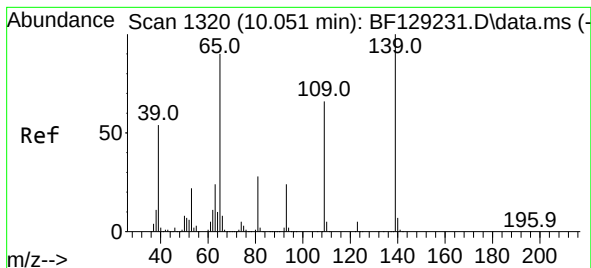
Tgt Ion:184 Resp: 530530
Ion Ratio Lower Upper
184 100
63 78.5 64.5 96.7
154 67.5 50.6 75.8



#55
Dibenzofuran
Concen: 43.830 ng
RT: 10.157 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:168 Resp: 2392434
Ion Ratio Lower Upper
168 100
139 42.0 30.6 46.0
169 14.2 11.0 16.6

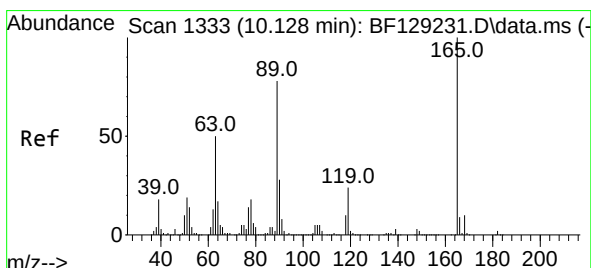
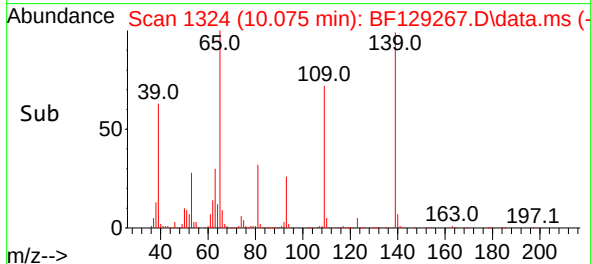
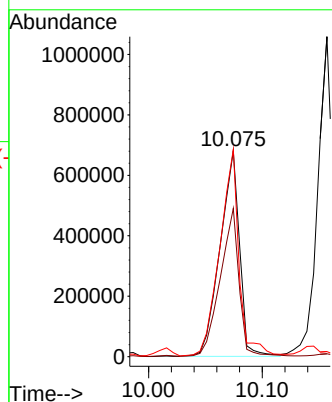
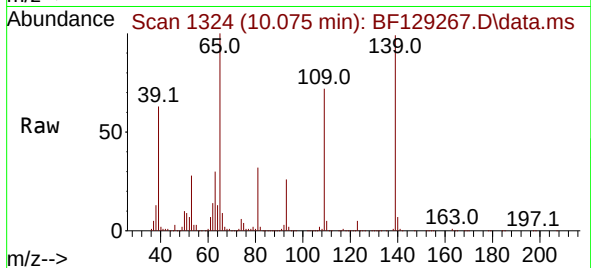




#56
4-Nitrophenol
Concen: 87.039 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

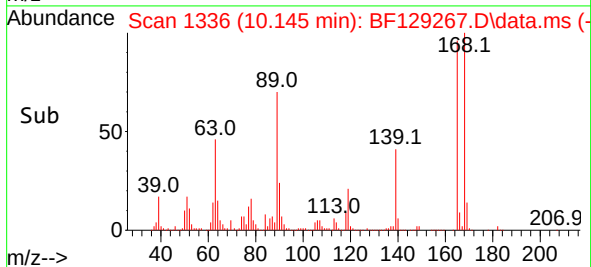
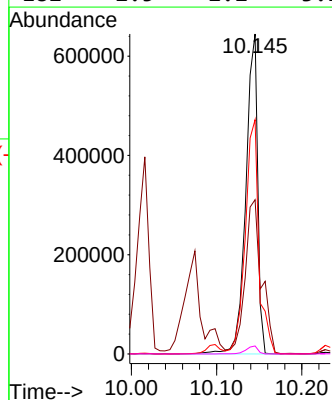
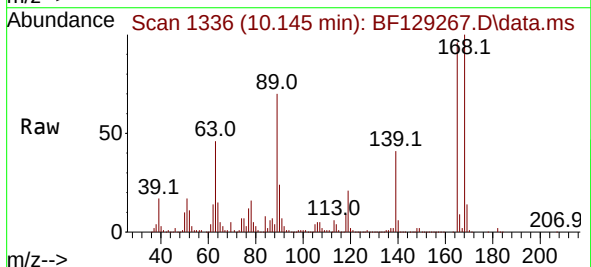
Instrument :
BNA_F
ClientSampleId :
PB146277BS

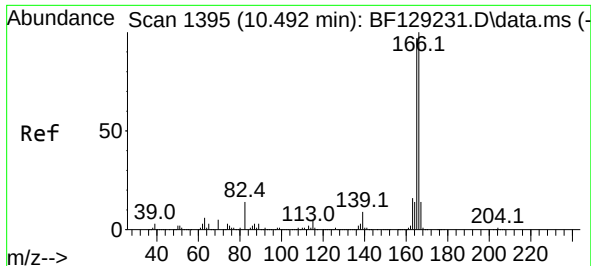
Tgt Ion:139 Resp: 810410
Ion Ratio Lower Upper
139 100
109 72.1 50.7 90.7
65 100.7 74.5 114.5



#57
2,4-Dinitrotoluene
Concen: 48.203 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:165 Resp: 622699
Ion Ratio Lower Upper
165 100
63 48.2 39.8 59.6
89 73.2 60.2 90.2
182 2.5 2.2 3.2

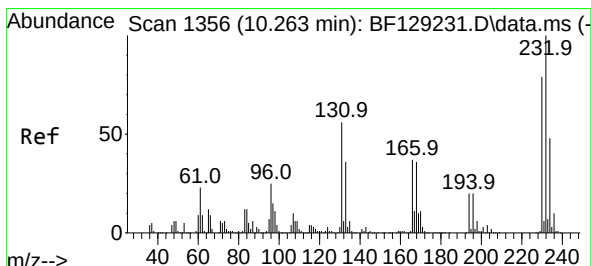
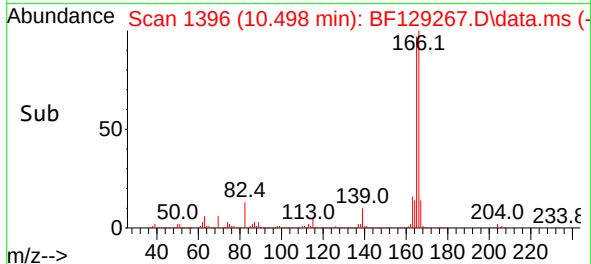
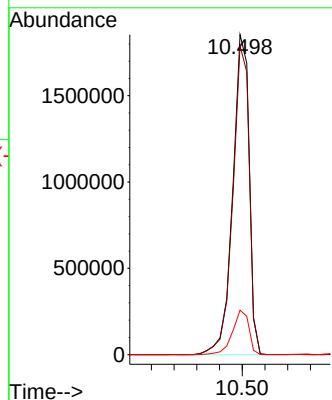
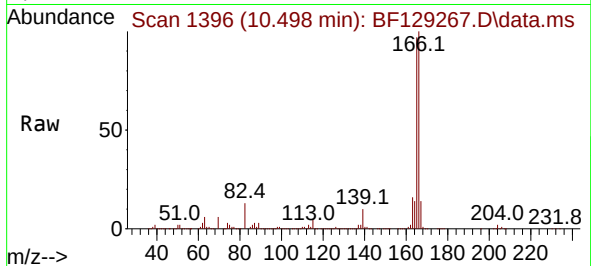




#58
 Fluorene
 Concen: 44.774 ng
 RT: 10.498 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129267.D
 Acq: 18 Jul 2022 14:32

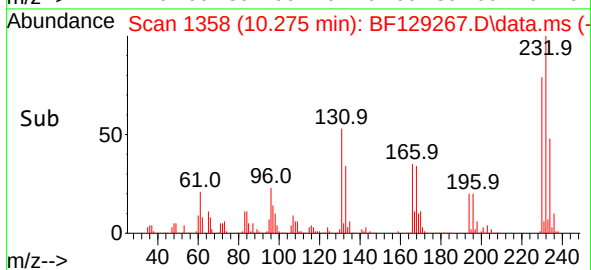
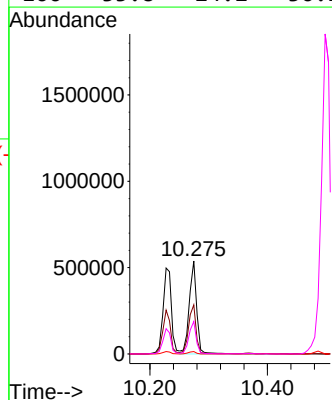
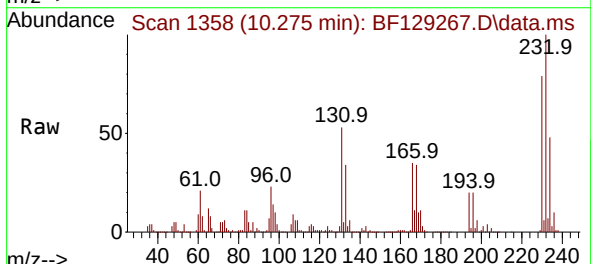
Instrument :
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 ClientSampleId :
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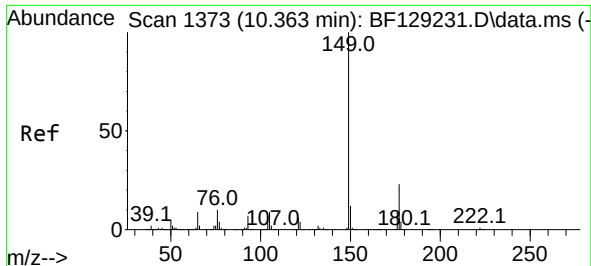
Tgt Ion:166 Resp: 1858870
 Ion Ratio Lower Upper
 166 100
 165 96.6 78.1 117.1
 167 13.9 10.5 15.7



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.995 ng
 RT: 10.275 min Scan# 1358
 Delta R.T. 0.012 min
 Lab File: BF129267.D
 Acq: 18 Jul 2022 14:32

Tgt Ion:232 Resp: 472214
 Ion Ratio Lower Upper
 232 100
 131 52.5 36.1 54.1
 130 2.6 1.8 2.8
 166 33.8 24.2 36.2

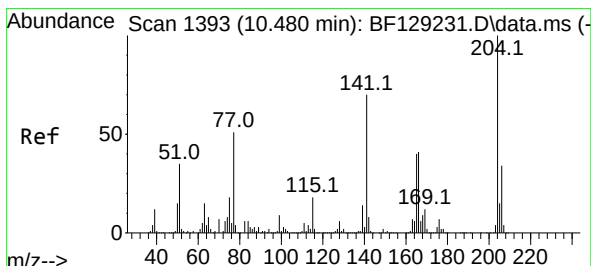
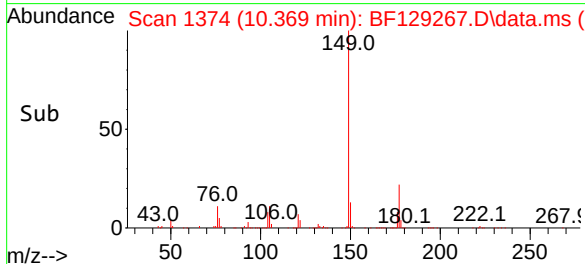
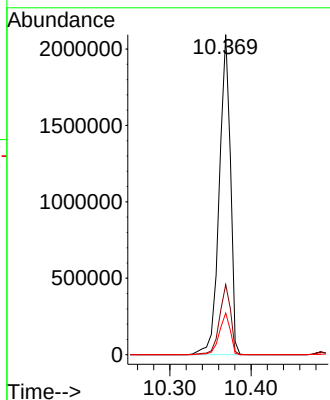
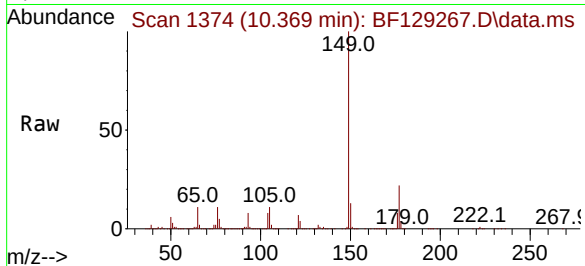




#60
Diethylphthalate
Concen: 45.342 ng
RT: 10.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

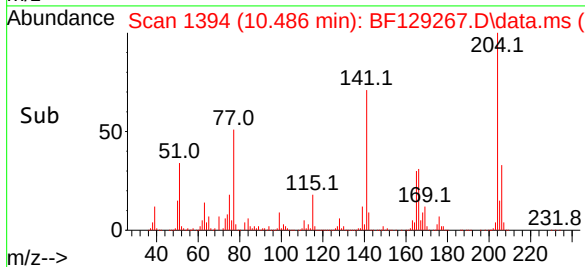
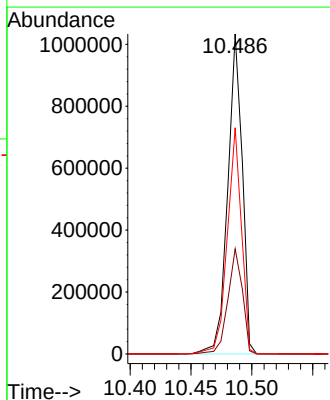
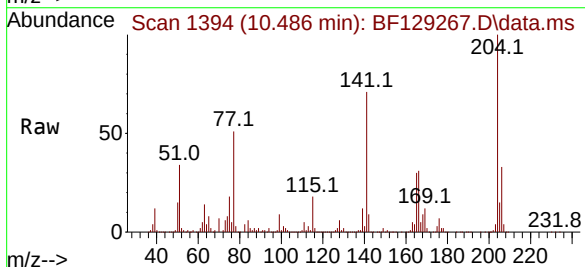
Instrument :
BNA_F
ClientSampleId :
PB146277BS

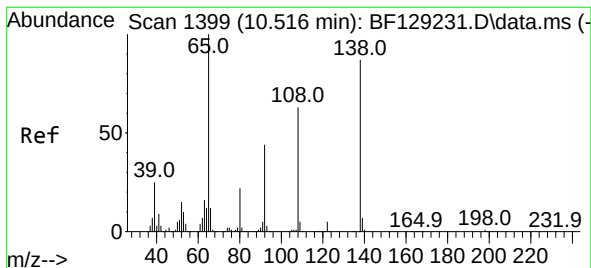
Tgt Ion:149 Resp: 1996213
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 13.0 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 44.479 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:204 Resp: 855440
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 70.7 47.0 70.4#

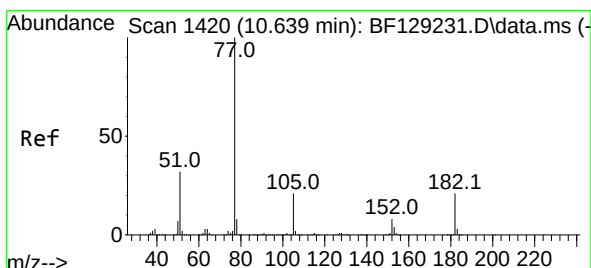
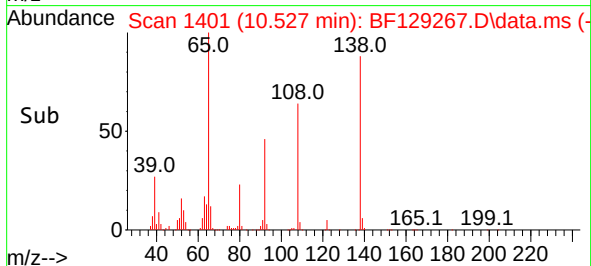
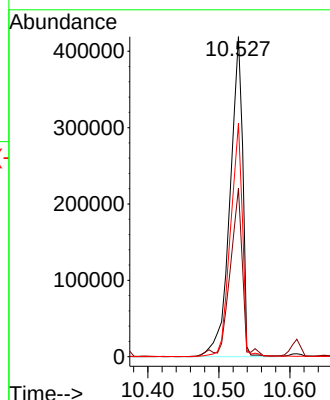
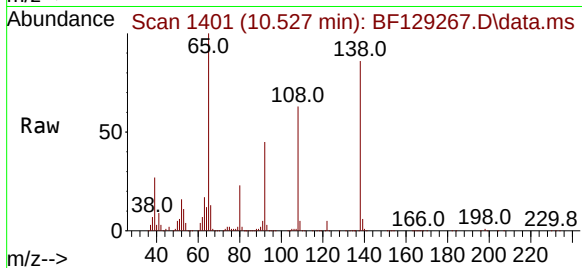




#62
4-Nitroaniline
Concen: 44.747 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

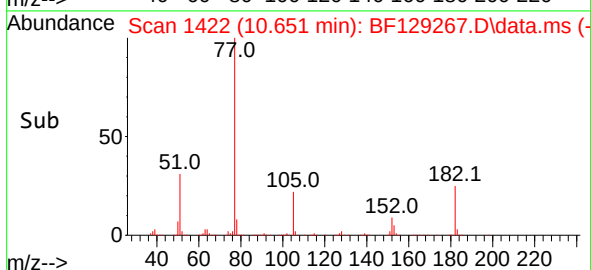
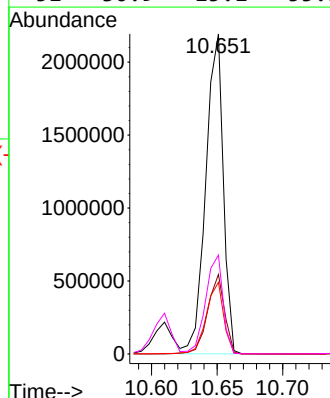
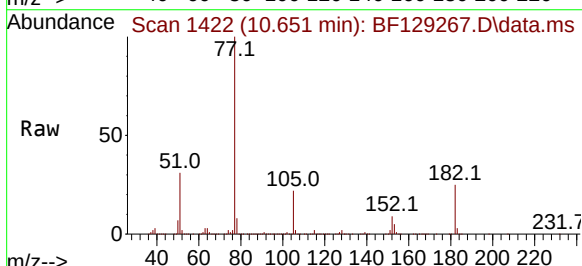
Instrument :
BNA_F
ClientSampleId :
PB146277BS

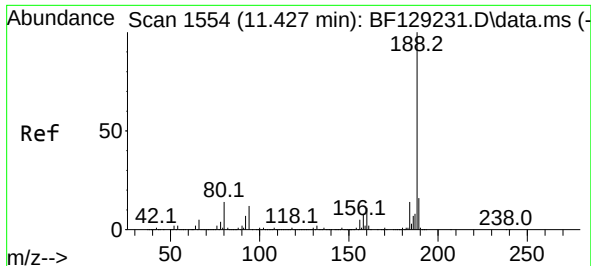
Tgt Ion:138 Resp: 521137
Ion Ratio Lower Upper
138 100
92 52.6 33.5 73.5
108 72.9 61.0 101.0



#63
Azobenzene
Concen: 43.431 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion: 77 Resp: 2041059
Ion Ratio Lower Upper
77 100
182 24.9 5.6 45.6
105 22.4 1.6 41.6
51 30.9 15.1 55.1

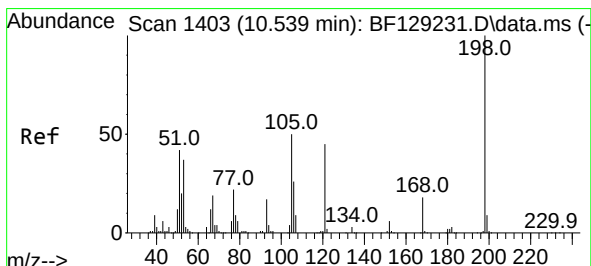
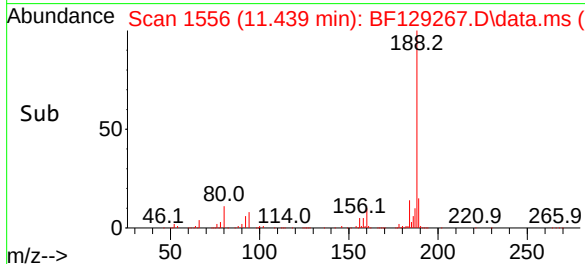
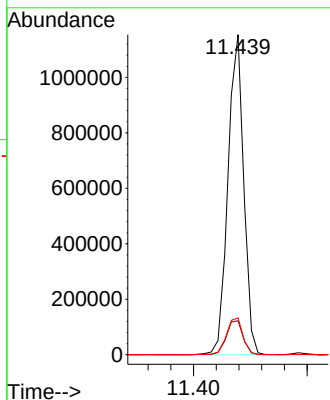
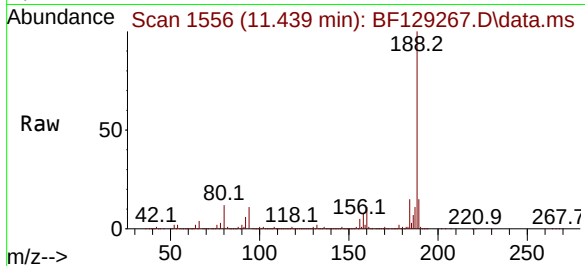




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

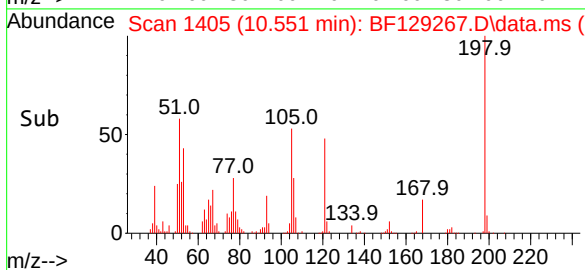
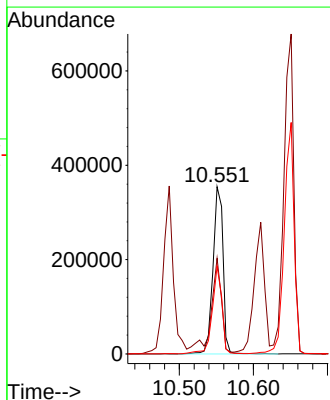
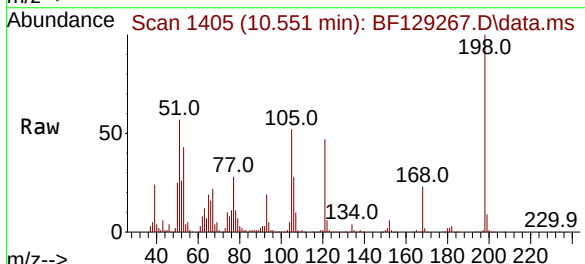
Instrument :
BNA_F
ClientSampleId :
PB146277BS

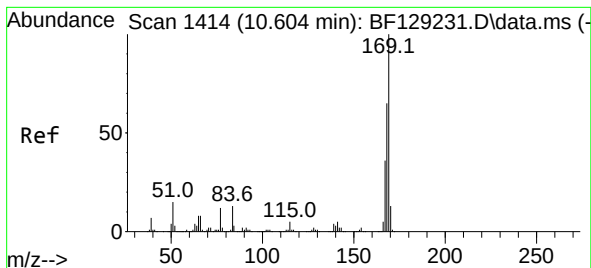
Tgt Ion:188 Resp: 1110939
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.5 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 47.392 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:198 Resp: 332654
Ion Ratio Lower Upper
198 100
51 57.2 37.6 77.6
105 52.4 27.0 67.0





#66

n-Nitrosodiphenylamine

Concen: 47.336 ng

RT: 10.610 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

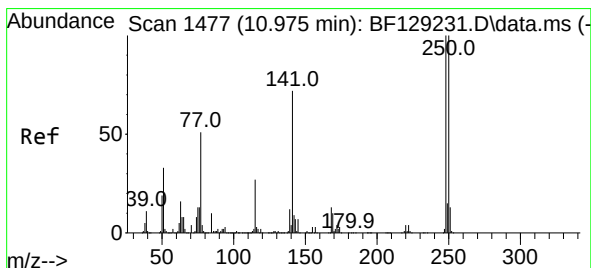
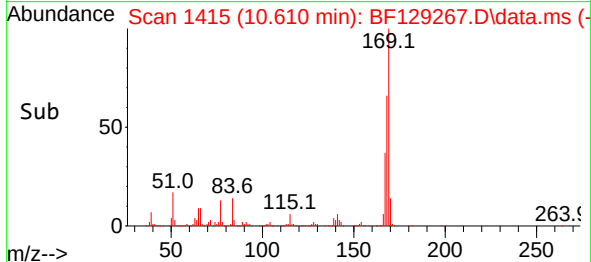
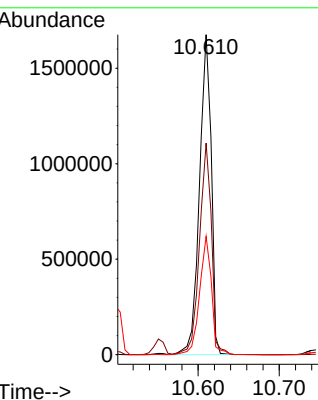
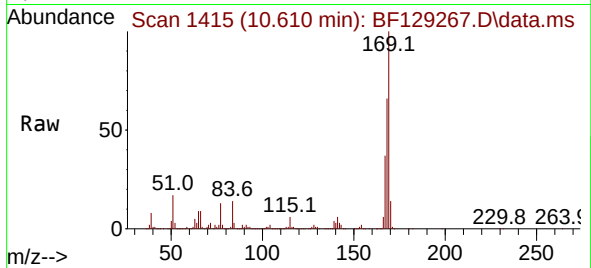
Tgt Ion:169 Resp: 1677809

Ion Ratio Lower Upper

169 100

168 66.1 50.1 75.1

167 37.0 27.9 41.9



#67

4-Bromophenyl-phenylether

Concen: 47.083 ng

RT: 10.980 min Scan# 1478

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

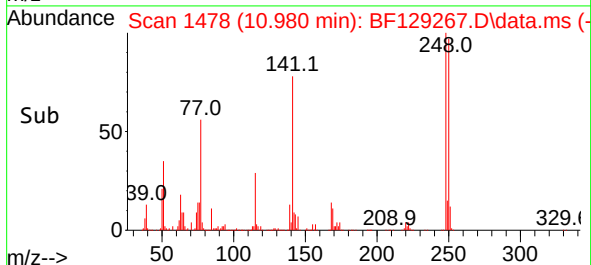
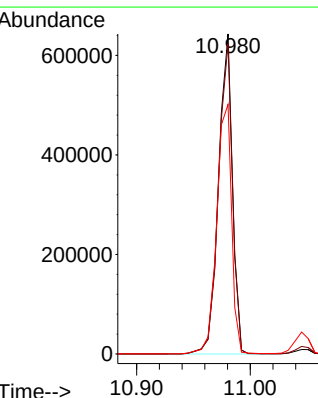
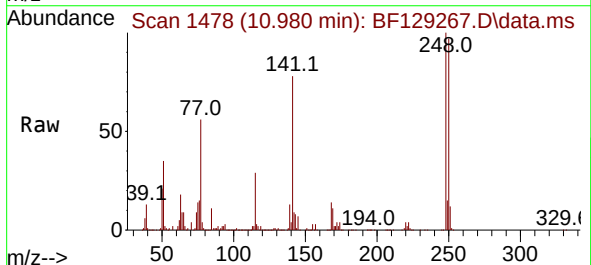
Tgt Ion:248 Resp: 550614

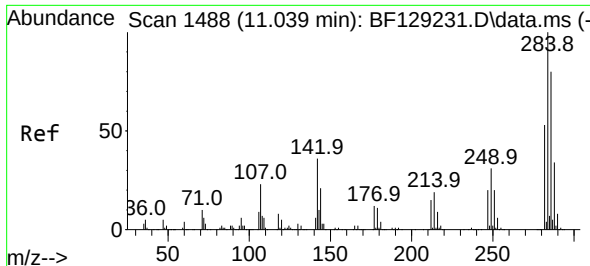
Ion Ratio Lower Upper

248 100

250 97.0 80.6 120.8

141 78.0 58.9 88.3

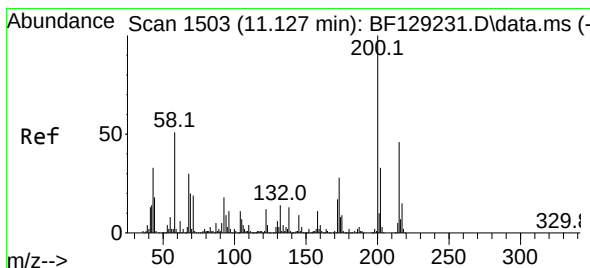
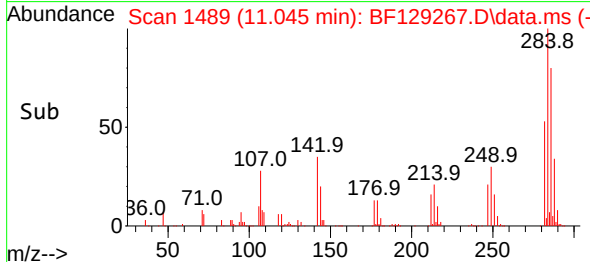
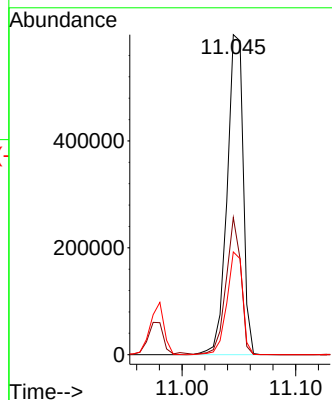
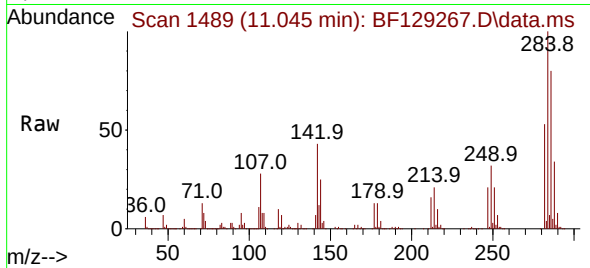




#68
Hexachlorobenzene
Concen: 48.053 ng
RT: 11.045 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

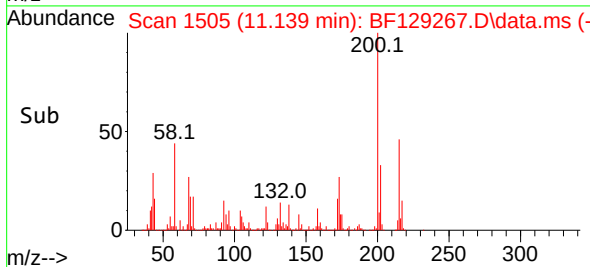
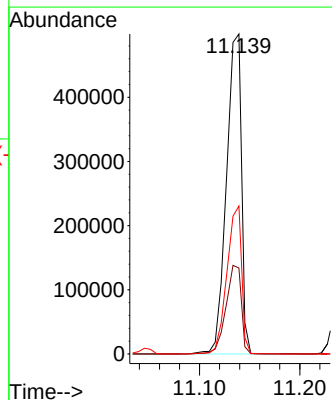
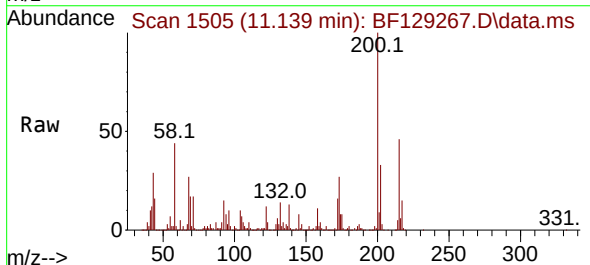
Instrument :
BNA_F
ClientSampleId :
PB146277BS

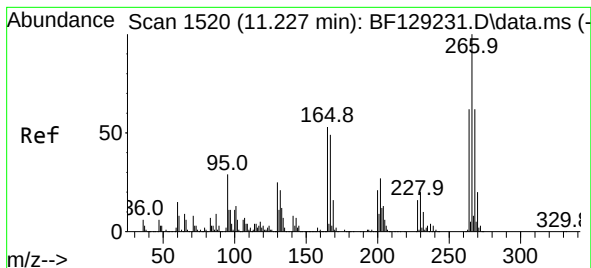
Tgt Ion:284 Resp: 589880
Ion Ratio Lower Upper
284 100
142 42.9 29.0 43.4
249 32.1 25.0 37.6



#69
Atrazine
Concen: 52.661 ng
RT: 11.139 min Scan# 1505
Delta R.T. 0.012 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:200 Resp: 517468
Ion Ratio Lower Upper
200 100
173 26.9 6.3 46.3
215 46.3 28.3 68.3





#70

Pentachlorophenol

Concen: 89.503 ng

RT: 11.245 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

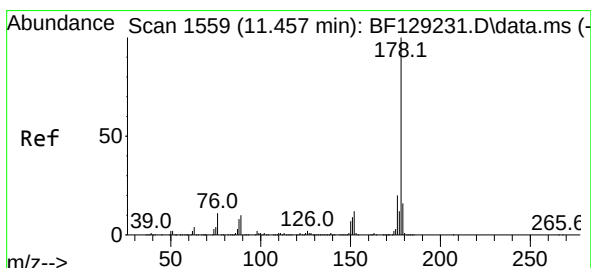
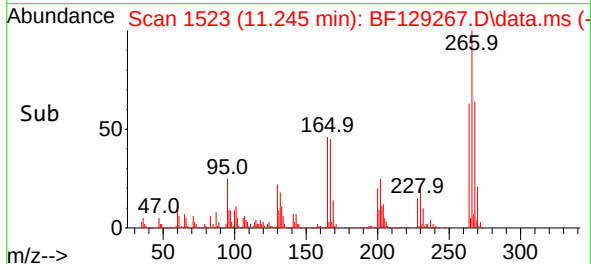
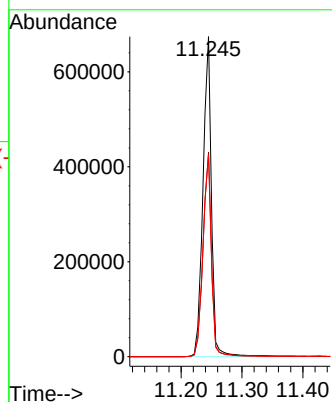
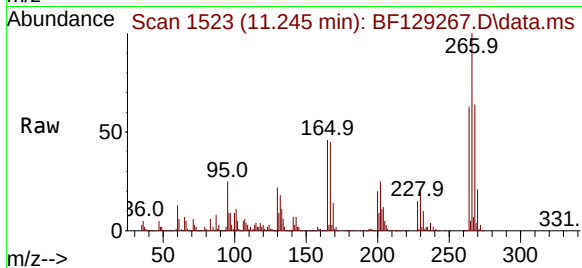
Tgt Ion:266 Resp: 653336

Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

264 63.1 49.4 74.2



#71

Phenanthrene

Concen: 45.540 ng

RT: 11.463 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

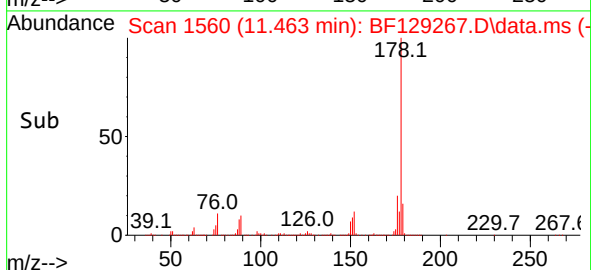
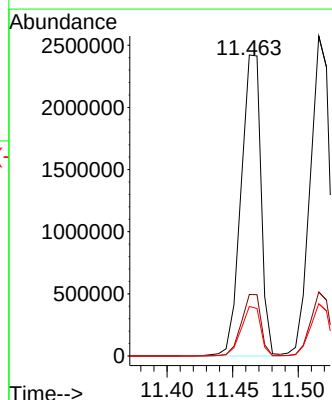
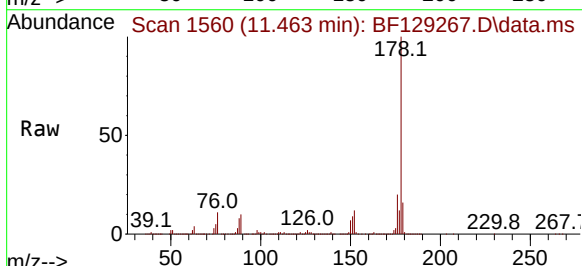
Tgt Ion:178 Resp: 2568613

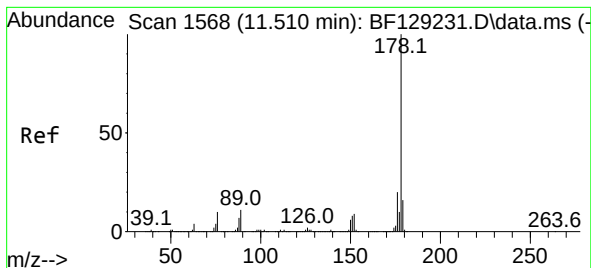
Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

179 16.5 12.6 19.0





#72

Anthracene

Concen: 46.097 ng

RT: 11.516 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

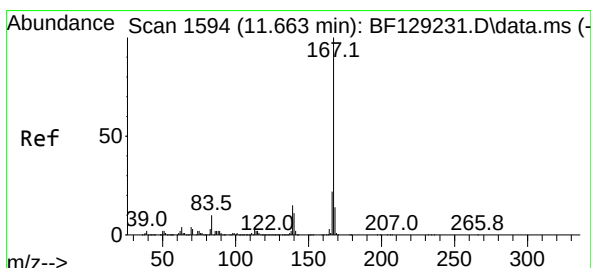
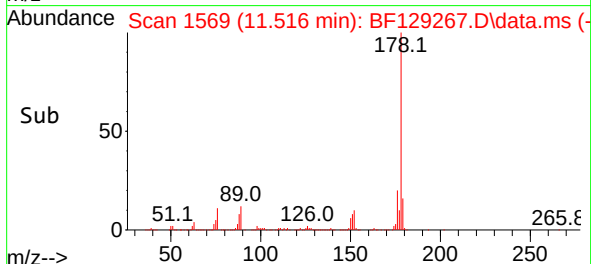
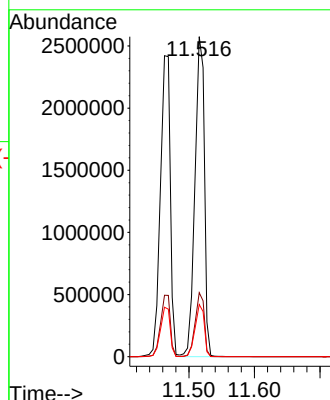
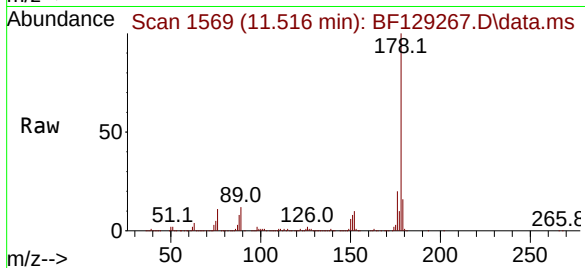
Tgt Ion:178 Resp: 2582748

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

179 16.3 12.6 19.0



#73

Carbazole

Concen: 43.665 ng

RT: 11.674 min Scan# 1596

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

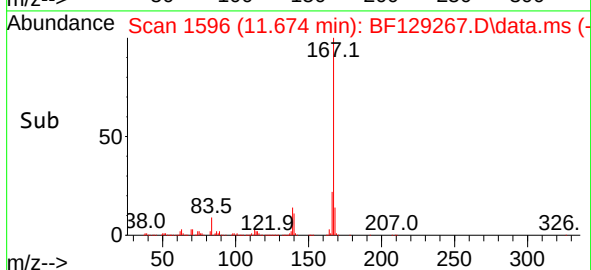
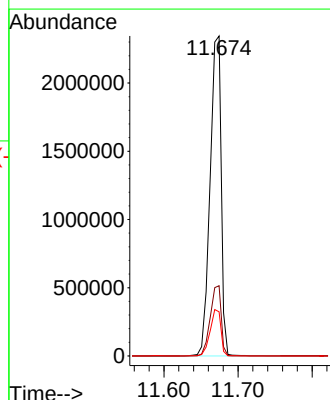
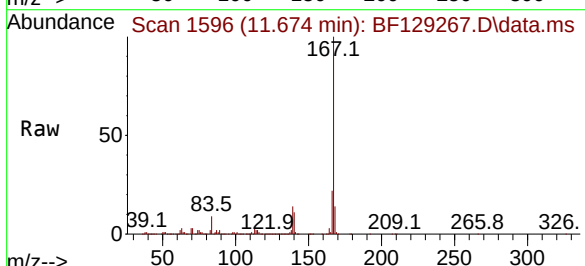
Tgt Ion:167 Resp: 2440286

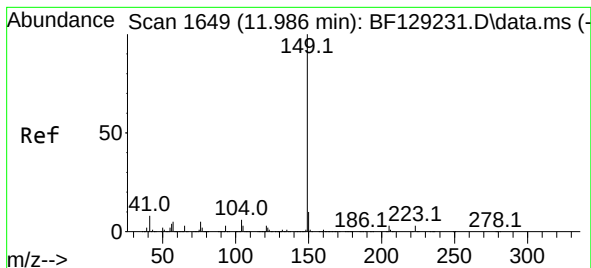
Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.8 11.2 16.8





#74

Di-n-butylphthalate

Concen: 45.102 ng

RT: 11.992 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

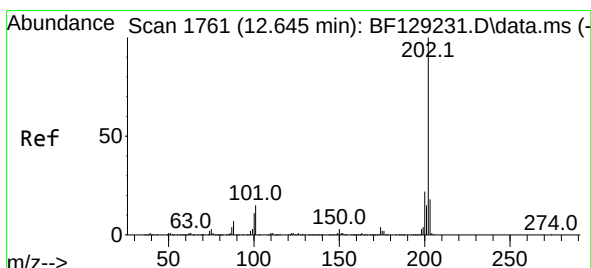
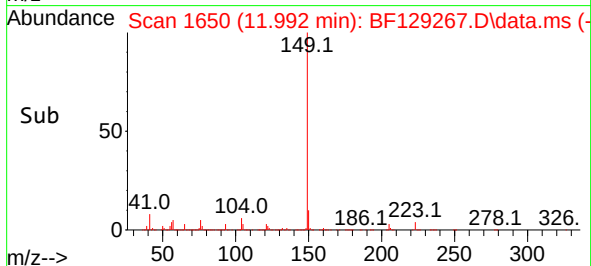
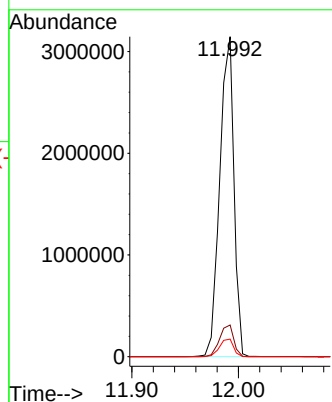
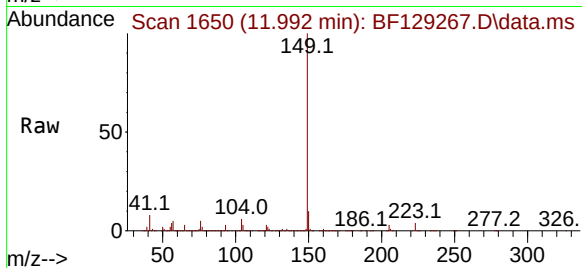
Tgt Ion:149 Resp: 2896671

Ion Ratio Lower Upper

149 100

150 9.9 7.5 11.3

104 5.5 4.4 6.6



#75

Fluoranthene

Concen: 45.031 ng

RT: 12.657 min Scan# 1763

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

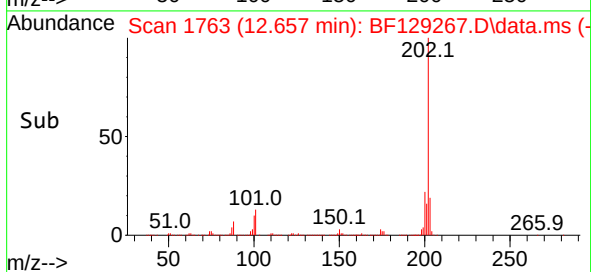
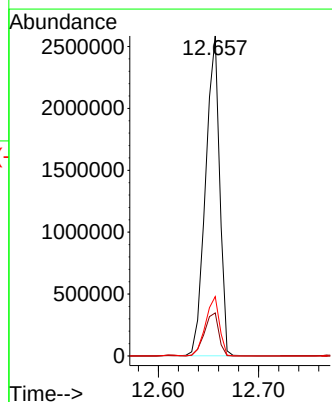
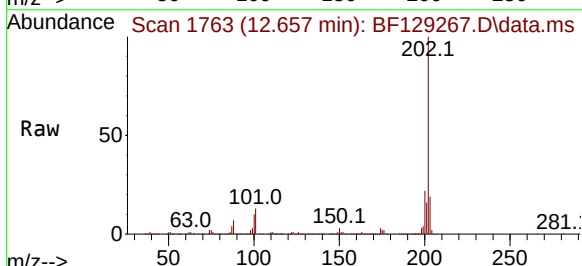
Tgt Ion:202 Resp: 2529564

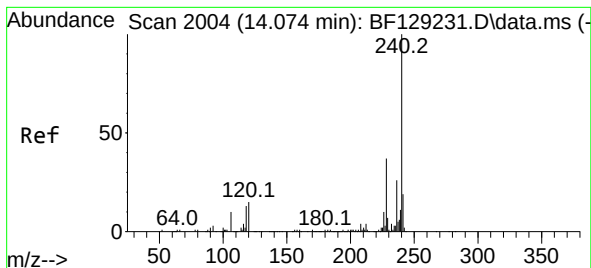
Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.4

203 18.6 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

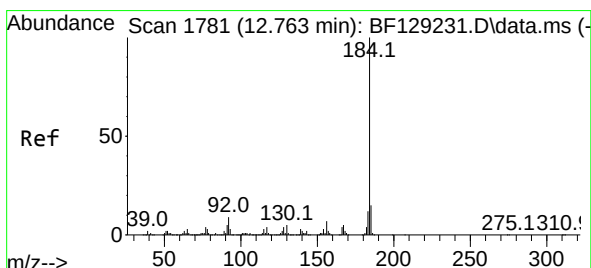
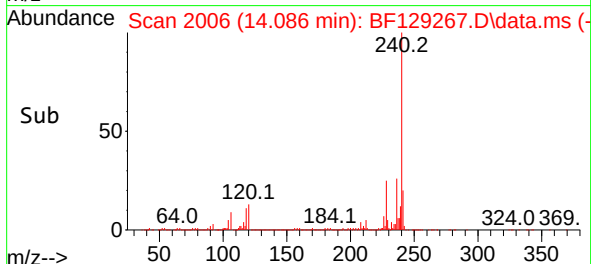
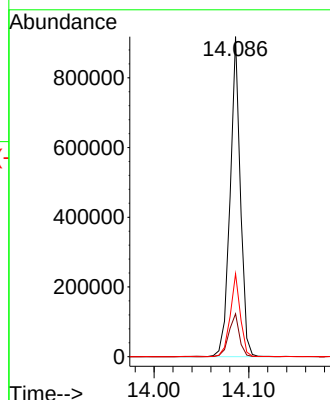
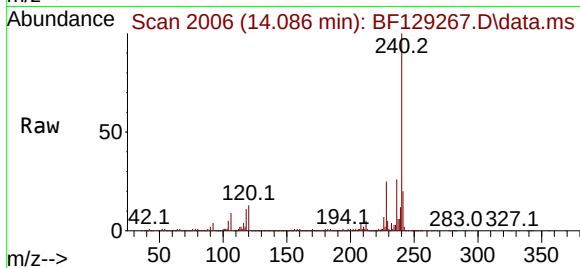
Tgt Ion:240 Resp: 694490

Ion Ratio Lower Upper

240 100

120 13.4 8.9 13.3#

236 25.9 20.8 31.2



#77

Benzidine

Concen: 41.240 ng

RT: 12.774 min Scan# 1783

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

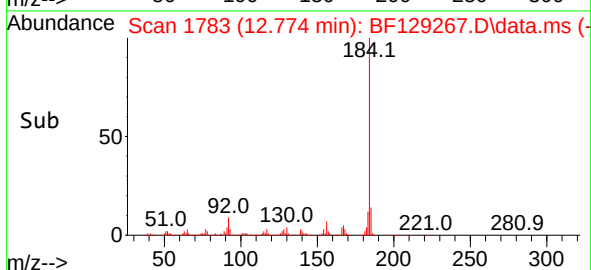
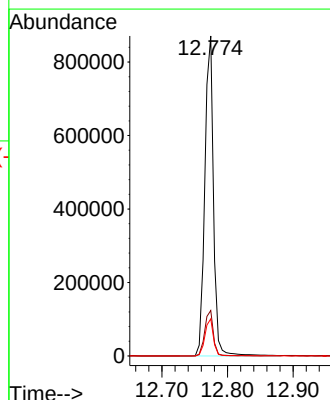
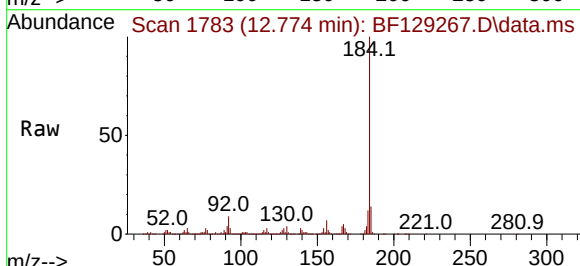
Tgt Ion:184 Resp: 801713

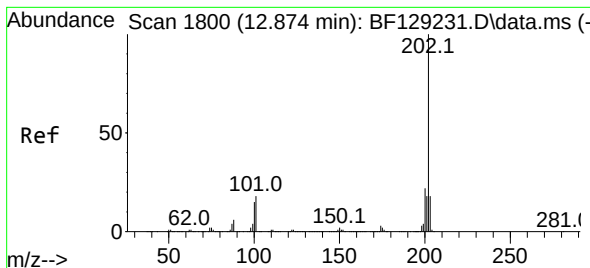
Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 11.6 9.3 13.9





#78

Pyrene

Concen: 45.778 ng

RT: 12.886 min Scan# 1802

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

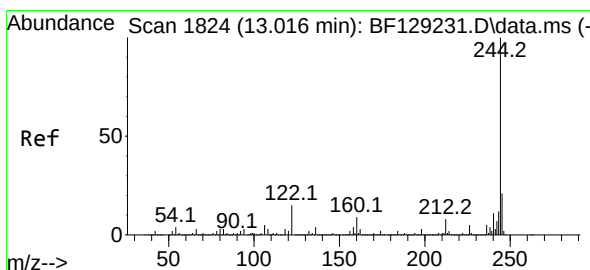
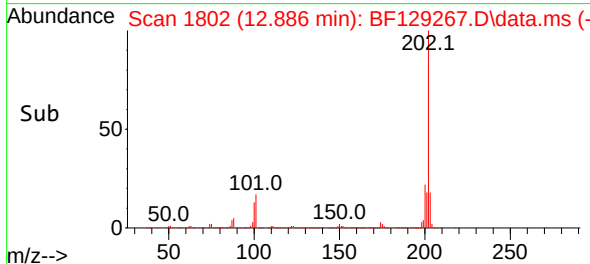
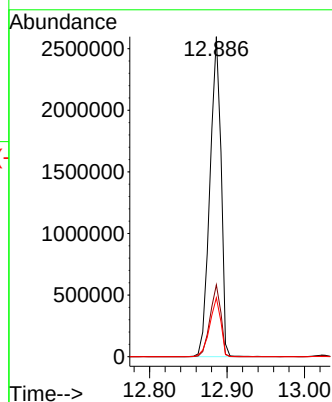
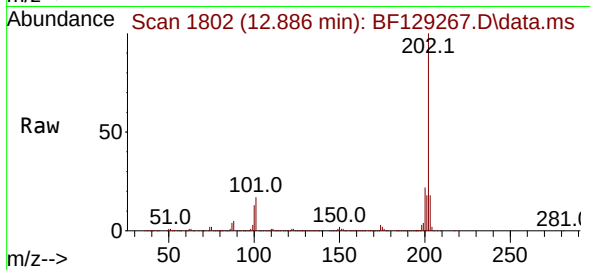
Tgt Ion:202 Resp: 2575037

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

203 18.4 14.6 21.8



#79

Terphenyl-d14

Concen: 88.303 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

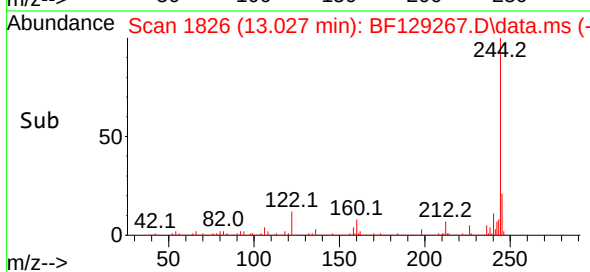
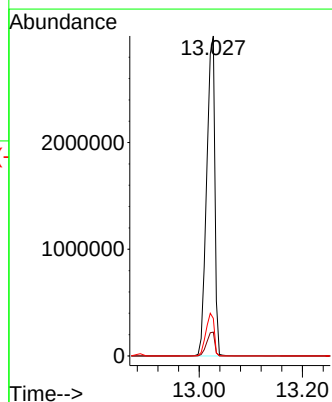
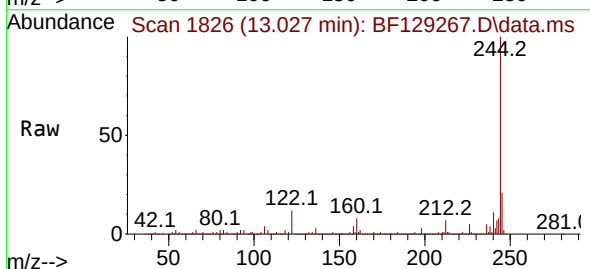
Tgt Ion:244 Resp: 3278233

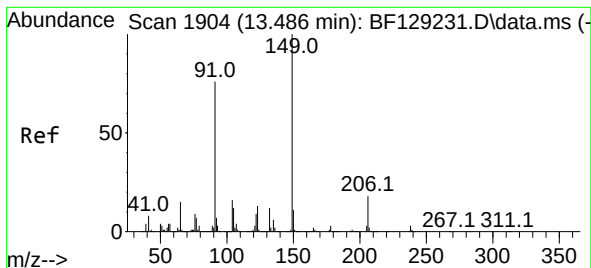
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 11.7 8.8 13.2





#80

Butylbenzylphthalate

Concen: 48.415 ng

RT: 13.492 min Scan# 1905

Delta R.T. 0.006 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

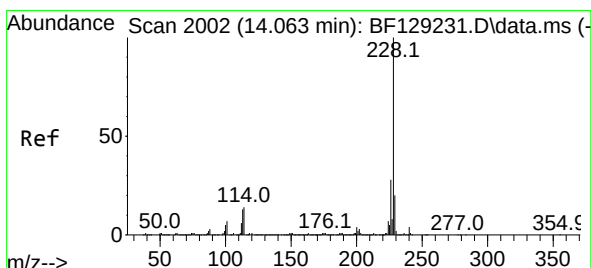
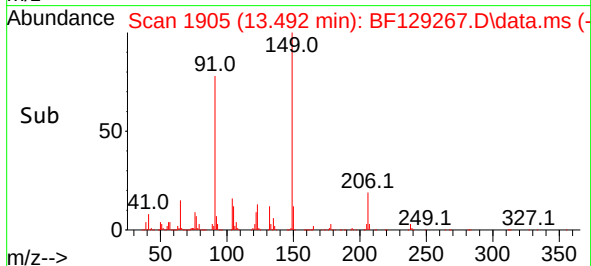
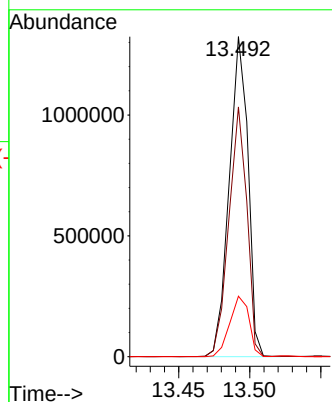
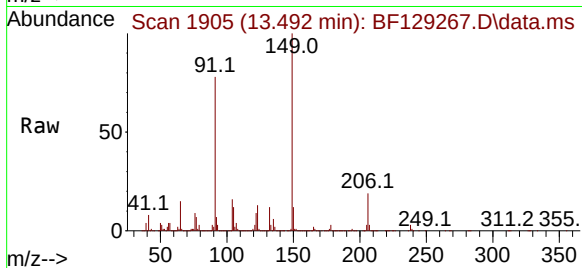
Tgt Ion:149 Resp: 1213034

Ion Ratio Lower Upper

149 100

91 78.1 61.2 91.8

206 18.9 15.7 23.5



#81

Benzo(a)anthracene

Concen: 48.121 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

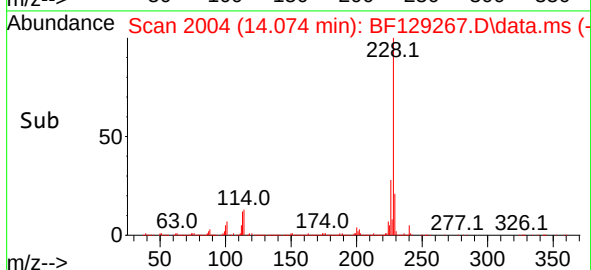
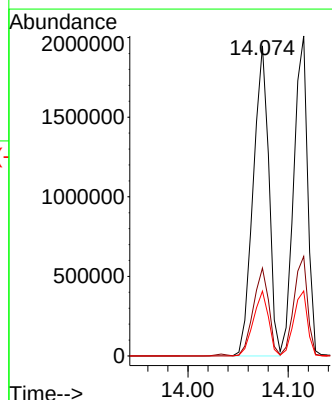
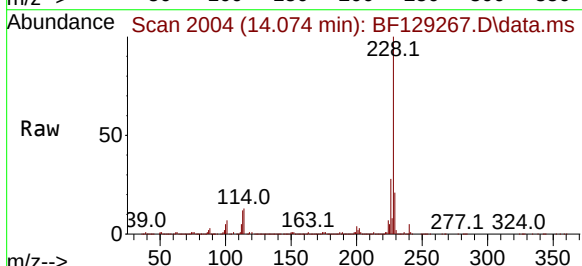
Tgt Ion:228 Resp: 2108009

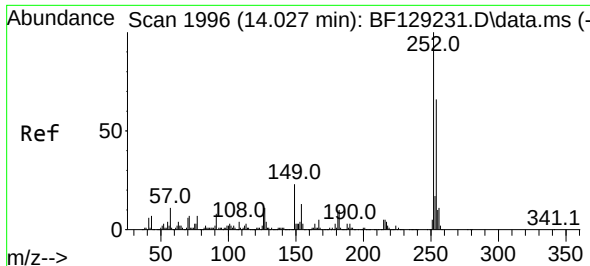
Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

229 20.9 15.8 23.8

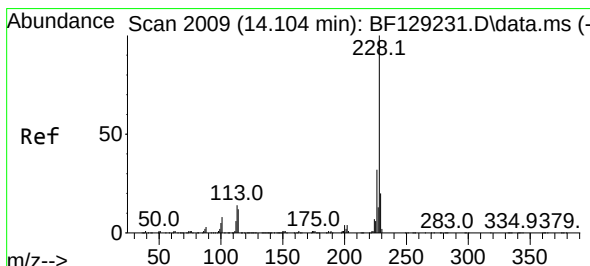
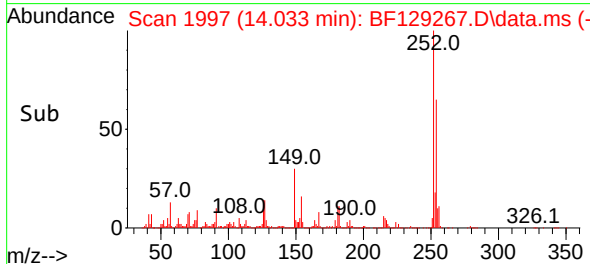
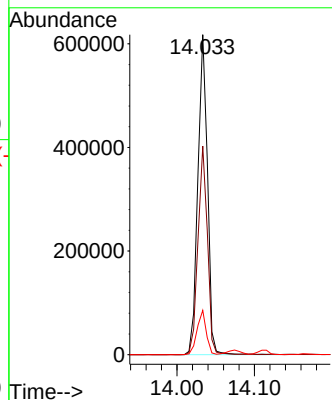
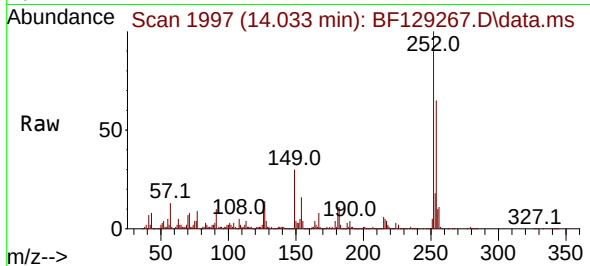




#82
 3,3'-Dichlorobenzidine
 Concen: 48.558 ng
 RT: 14.033 min Scan# 1996
 Delta R.T. 0.006 min
 Lab File: BF129267.D
 Acq: 18 Jul 2022 14:32

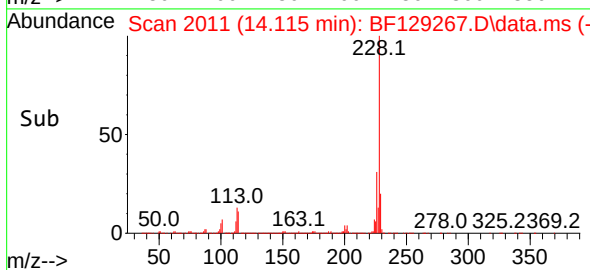
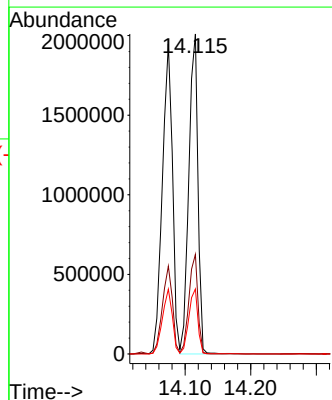
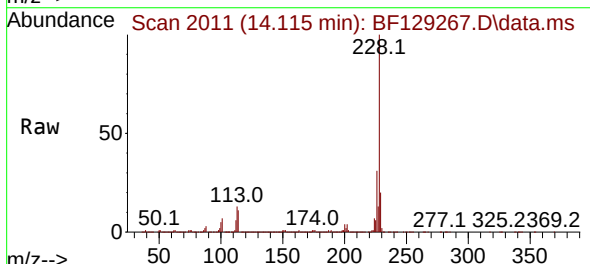
Instrument :
 BNA_F
 ClientSampleId :
 PB146277BS

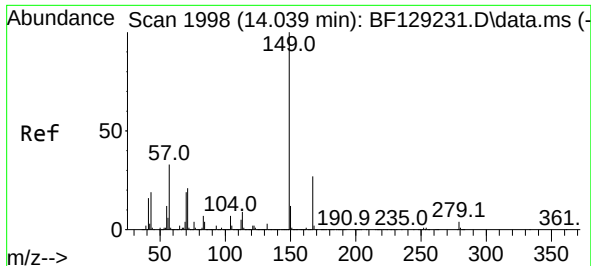
Tgt Ion:252 Resp: 532109
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.2 75.4
 126 13.9 8.2 12.4#



#83
 Chrysene
 Concen: 46.133 ng
 RT: 14.115 min Scan# 2011
 Delta R.T. 0.012 min
 Lab File: BF129267.D
 Acq: 18 Jul 2022 14:32

Tgt Ion:228 Resp: 1928965
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.3 15.9 23.9

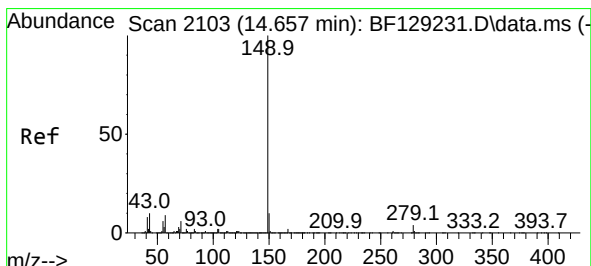
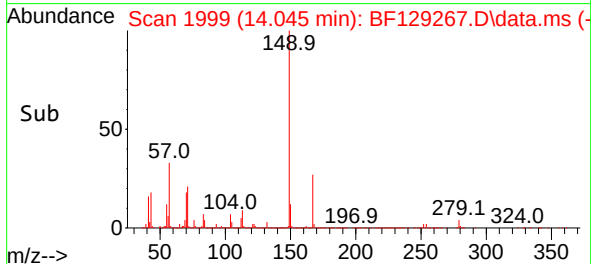
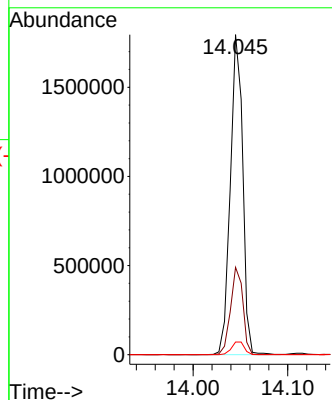
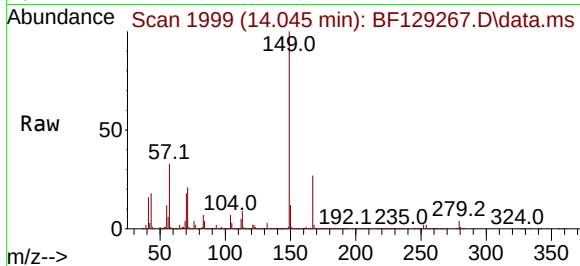




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.916 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

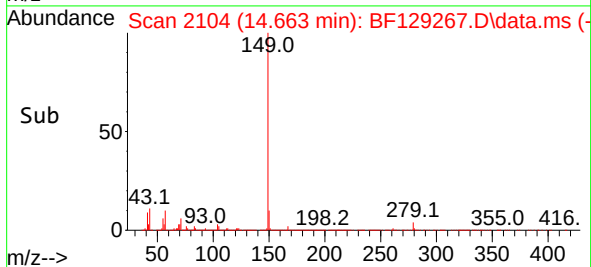
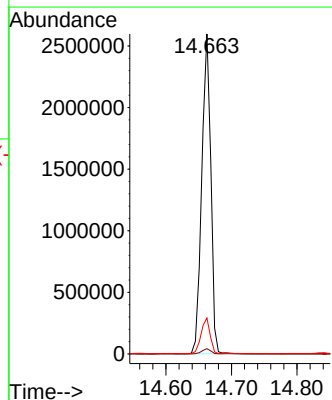
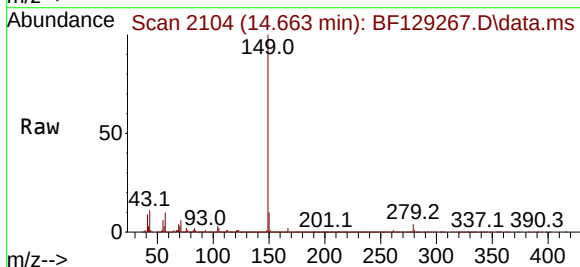
Instrument :
BNA_F
ClientSampleId :
PB146277BS

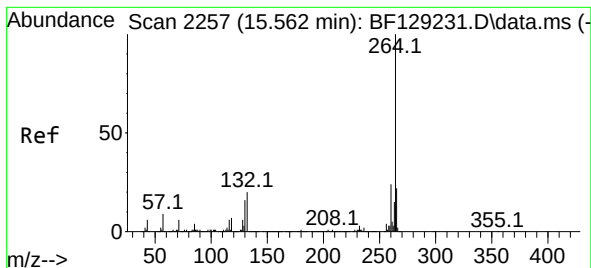
Tgt Ion:149 Resp: 1630775
Ion Ratio Lower Upper
149 100
167 27.3 21.0 31.4
279 3.9 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 52.148 ng
RT: 14.663 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BF129267.D
Acq: 18 Jul 2022 14:32

Tgt Ion:149 Resp: 2493551
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

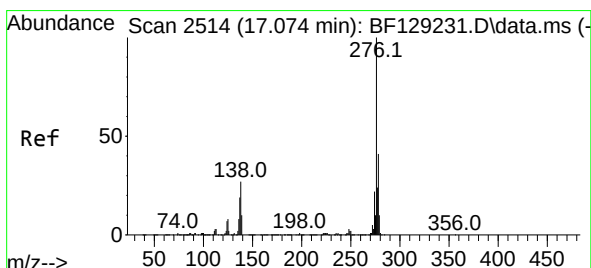
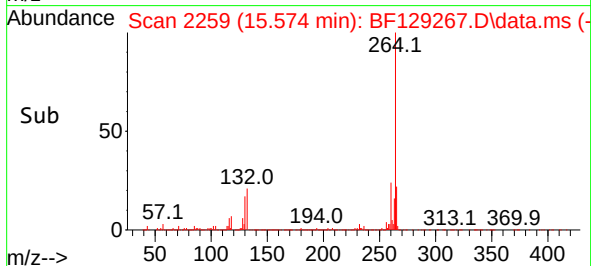
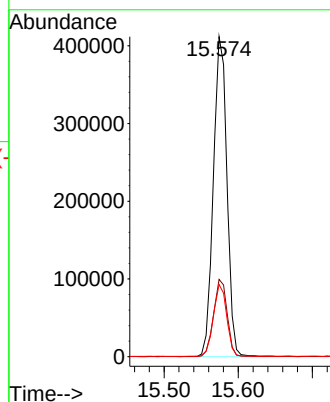
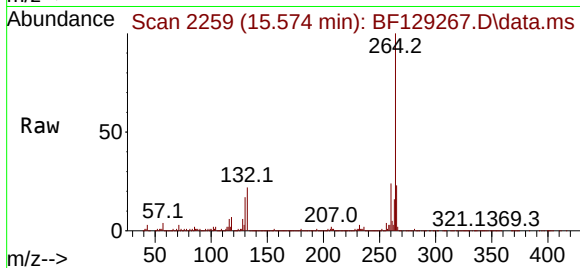
Tgt Ion:264 Resp: 523857

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.038 ng

RT: 17.104 min Scan# 2519

Delta R.T. 0.029 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

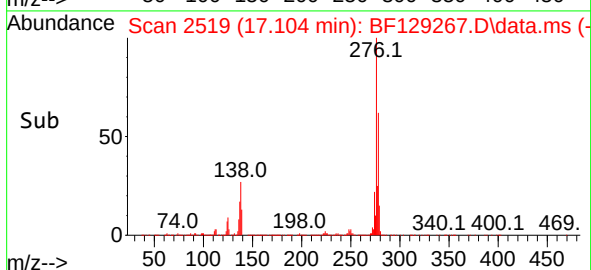
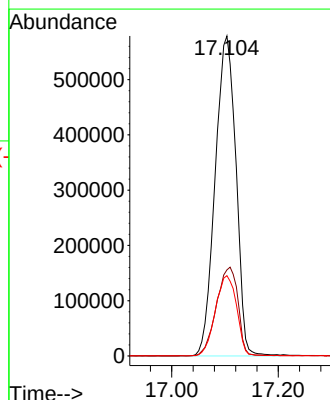
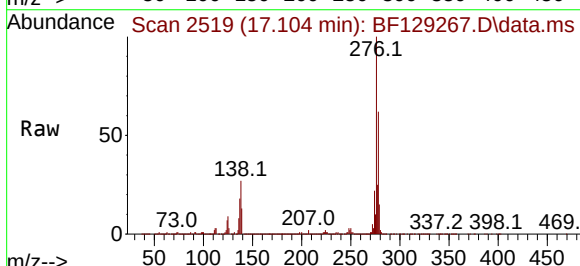
Tgt Ion:276 Resp: 1569186

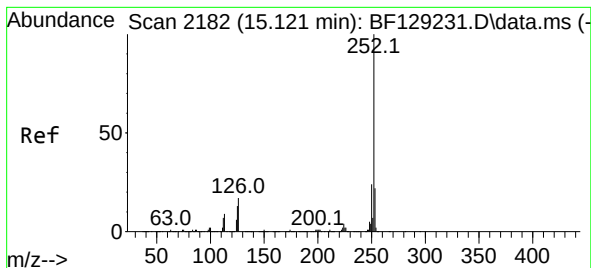
Ion Ratio Lower Upper

276 100

138 28.9 21.1 31.7

277 25.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 53.091 ng

RT: 15.139 min Scan# 2185

Delta R.T. 0.018 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

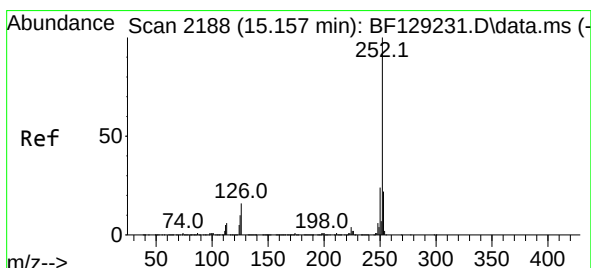
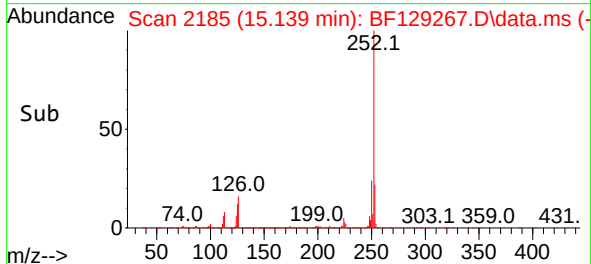
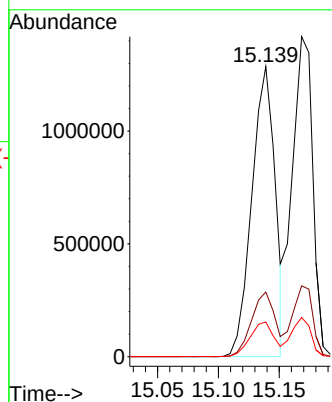
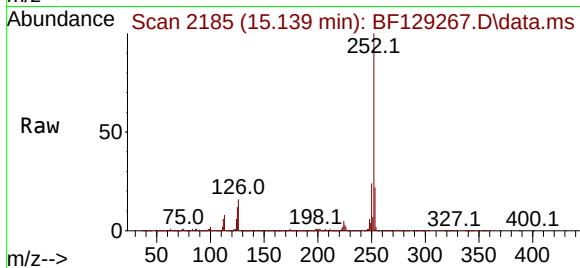
Tgt Ion:252 Resp: 1708603

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.0 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 52.928 ng

RT: 15.168 min Scan# 2190

Delta R.T. 0.012 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

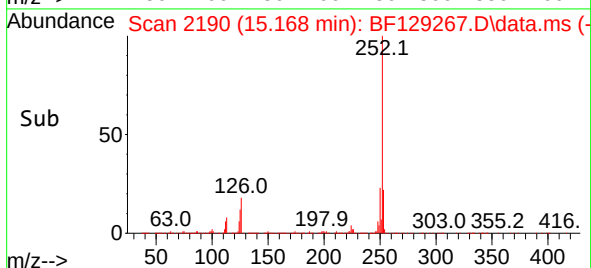
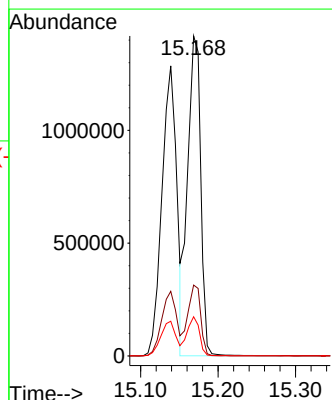
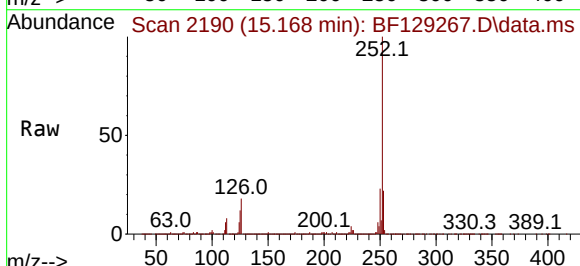
Tgt Ion:252 Resp: 1664167

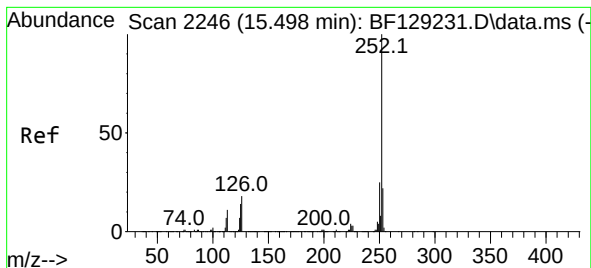
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 12.3 8.3 12.5





#90

Benzo(a)pyrene

Concen: 59.268 ng

RT: 15.515 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS

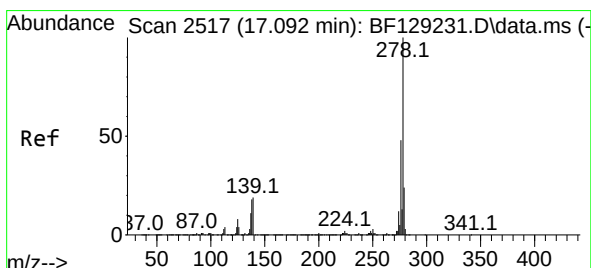
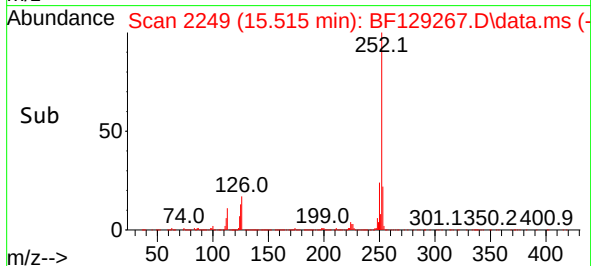
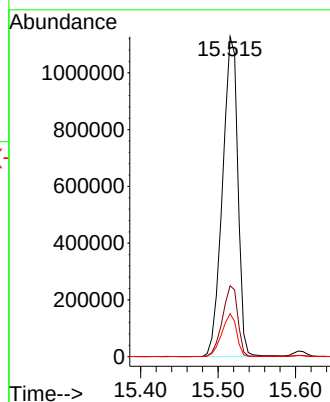
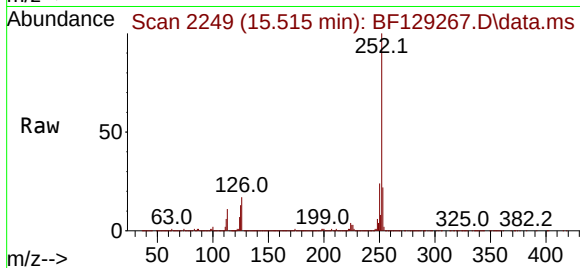
Tgt Ion:252 Resp: 1552777

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 13.4 8.8 13.2#



#91

Dibenzo(a,h)anthracene

Concen: 51.016 ng

RT: 17.121 min Scan# 2522

Delta R.T. 0.029 min

Lab File: BF129267.D

Acq: 18 Jul 2022 14:32

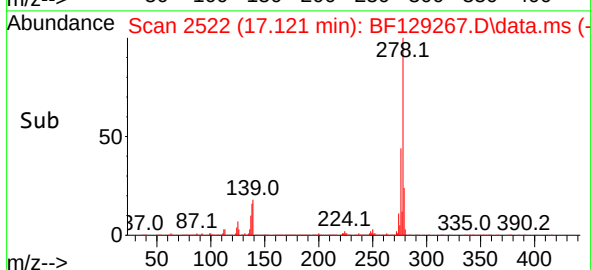
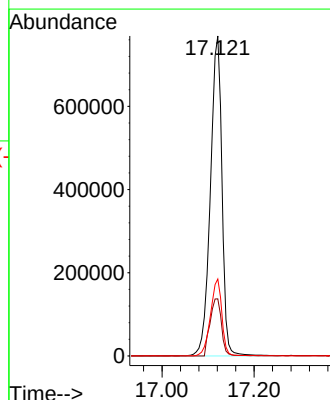
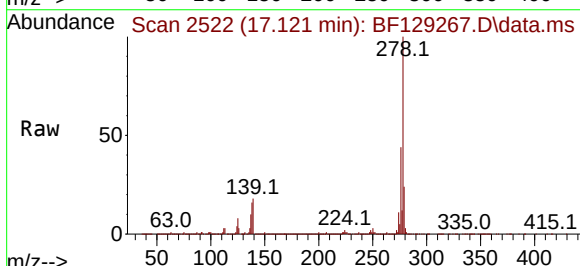
Tgt Ion:278 Resp: 1347955

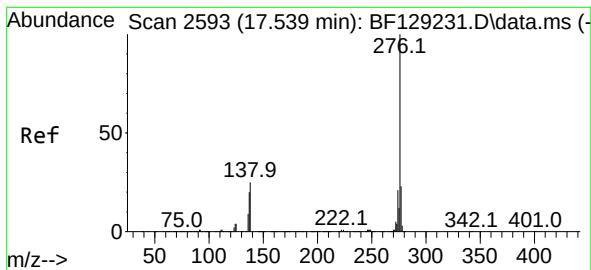
Ion Ratio Lower Upper

278 100

139 17.9 12.8 19.2

279 24.0 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 51.864 ng

RT: 17.568 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF129267.D

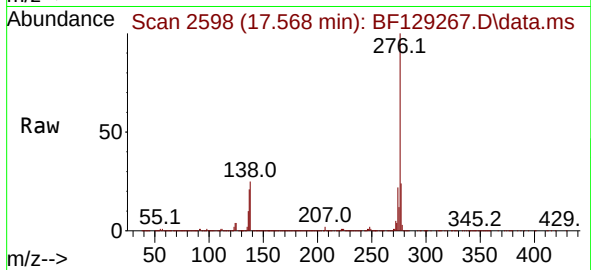
Acq: 18 Jul 2022 14:32

Instrument :

BNA_F

ClientSampleId :

PB146277BS



Tgt Ion:276 Resp: 1400794

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 25.4 18.0 27.0

