

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137829.D
 Acq On : 03 May 2024 15:04
 Operator : CG\JU
 Sample : PB160706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160706BS

Quant Time: May 03 15:34:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	149761	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	582210	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	321580	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	721812	20.000	ng	0.00
76) Chrysene-d12	14.245	240	286595	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	292898	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1381169	154.411	ng	0.01
7) Phenol-d6	6.669	99	1226294	108.086	ng	0.00
23) Nitrobenzene-d5	7.616	82	780682	77.903	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	554638	168.921	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1653283	83.408	ng	-0.01
79) Terphenyl-d14	13.180	244	2148553	125.636	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.057	88	123371	30.629	ng	98
3) Pyridine	3.799	79	313392	32.148	ng	95
4) n-Nitrosodimethylamine	3.763	42	160386	36.536	ng	99
6) Aniline	6.716	93	352785	31.372	ng	99
8) 2-Chlorophenol	6.840	128	398346	40.865	ng	97
9) Benzaldehyde	6.604	77	175089	28.657	ng	97
10) Phenol	6.687	94	446035	38.367	ng	100
11) bis(2-Chloroethyl)ether	6.787	93	348491	38.284	ng	98
12) 1,3-Dichlorobenzene	6.992	146	420571	38.260	ng	100
13) 1,4-Dichlorobenzene	7.069	146	433159	39.271	ng	100
14) 1,2-Dichlorobenzene	7.222	146	416264	40.069	ng	98
15) Benzyl Alcohol	7.187	79	328624	41.884	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	457777	35.778	ng	96
17) 2-Methylphenol	7.292	107	316346	40.219	ng	99
18) Hexachloroethane	7.569	117	152174	40.811	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	262150	38.664	ng	96
20) 3+4-Methylphenols	7.445	107	404053	39.045	ng	# 86
22) Acetophenone	7.457	105	541755	41.374	ng	99
24) Nitrobenzene	7.634	77	395463	38.289	ng	99
25) Isophorone	7.869	82	724608	40.104	ng	100
26) 2-Nitrophenol	7.951	139	211884	45.302	ng	97
27) 2,4-Dimethylphenol	7.975	122	293652	43.611	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	432503	39.535	ng	99
29) 2,4-Dichlorophenol	8.186	162	339460	41.709	ng	100
30) 1,2,4-Trichlorobenzene	8.275	180	361610	40.757	ng	100
31) Naphthalene	8.357	128	1179678	40.772	ng	100
32) Benzoic acid	8.086	122	242341	41.719	ng	98
33) 4-Chloroaniline	8.398	127	188590	17.577	ng	99
34) Hexachlorobutadiene	8.469	225	222532	40.853	ng	99
35) Caprolactam	8.769	113	60444	23.440	ng	94
36) 4-Chloro-3-methylphenol	8.875	107	351310	41.393	ng	95
37) 2-Methylnaphthalene	9.051	142	774117	41.333	ng	100
38) 1-Methylnaphthalene	9.151	142	711408	38.609	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	360350	42.308	ng	99
41) Hexachlorocyclopentadiene	9.204	237	450343	130.176	ng	98
43) 2,4,6-Trichlorophenol	9.322	196	249026	42.952	ng	100

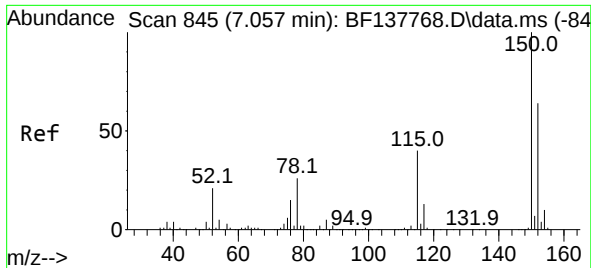
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	261976	40.922	ng	97
46) 1,1'-Biphenyl	9.516	154	943445	42.749	ng	99
47) 2-Chloronaphthalene	9.545	162	722615	40.556	ng	100
48) 2-Nitroaniline	9.633	65	200572	41.506	ng	98
49) Acenaphthylene	9.963	152	1150055	44.620	ng	100
50) Dimethylphthalate	9.810	163	864812	42.600	ng	100
51) 2,6-Dinitrotoluene	9.875	165	190634	41.090	ng	98
52) Acenaphthene	10.133	154	766663	44.875	ng	99
53) 3-Nitroaniline	10.045	138	116840	24.049	ng	94
54) 2,4-Dinitrophenol	10.151	184	199230	87.396	ng	# 86
55) Dibenzofuran	10.310	168	1035204	41.638	ng	98
56) 4-Nitrophenol	10.198	139	298987	74.251	ng	92
57) 2,4-Dinitrotoluene	10.280	165	256437	42.309	ng	97
58) Fluorene	10.651	166	850737	42.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	219177	42.171	ng	97
60) Diethylphthalate	10.516	149	814922	42.266	ng	98
61) 4-Chlorophenyl-phenyle...	10.639	204	404480	41.488	ng	98
62) 4-Nitroaniline	10.669	138	240637	48.831	ng	99
63) Azobenzene	10.798	77	1059646	56.863	ng	99
65) 4,6-Dinitro-2-methylph...	10.686	198	191027	46.109	ng	97
66) n-Nitrosodiphenylamine	10.757	169	970259	44.906	ng	100
67) 4-Bromophenyl-phenylether	11.133	248	359001	46.473	ng	97
68) Hexachlorobenzene	11.198	284	369143	43.728	ng	97
69) Atrazine	11.280	200	326020	49.486	ng	98
70) Pentachlorophenol	11.392	266	442711	76.386	ng	99
71) Phenanthrene	11.622	178	1532042	43.546	ng	100
72) Anthracene	11.674	178	1523735	43.528	ng	99
73) Carbazole	11.822	167	1346071	39.899	ng	100
74) Di-n-butylphthalate	12.139	149	1559146	42.366	ng	100
75) Fluoranthene	12.816	202	1468970	38.196	ng	99
77) Benzidine	12.927	184	447238	67.474	ng	99
78) Pyrene	13.045	202	1528143	67.249	ng	100
80) Butylbenzylphthalate	13.651	149	517155	71.730	ng	95
81) Benzo(a)anthracene	14.233	228	831025	45.336	ng	98
82) 3,3'-Dichlorobenzidine	14.192	252	165656	30.188	ng	# 98
83) Chrysene	14.268	228	769440	44.831	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	511732	56.319	ng	98
85) Di-n-octyl phthalate	14.833	149	787783	64.422	ng	97
87) Indeno(1,2,3-cd)pyrene	17.451	276	902589	54.203	ng	98
88) Benzo(b)fluoranthene	15.339	252	729212	40.015	ng	100
89) Benzo(k)fluoranthene	15.374	252	689960	39.172	ng	99
90) Benzo(a)pyrene	15.745	252	669300	45.019	ng	99
91) Dibenzo(a,h)anthracene	17.474	278	739353	54.547	ng	100
92) Benzo(g,h,i)perylene	17.956	276	707296	49.777	ng	98

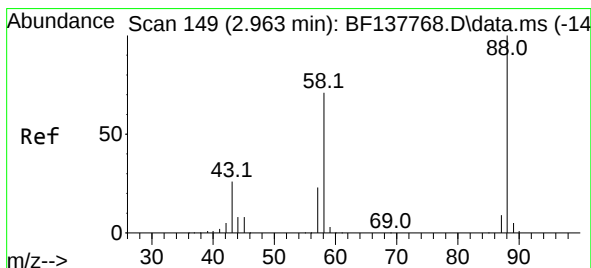
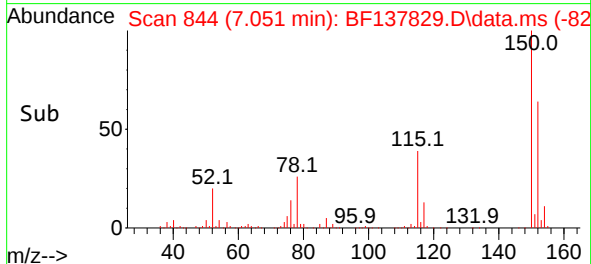
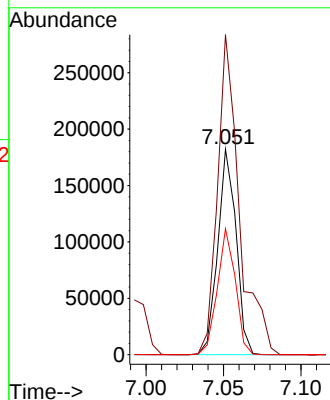
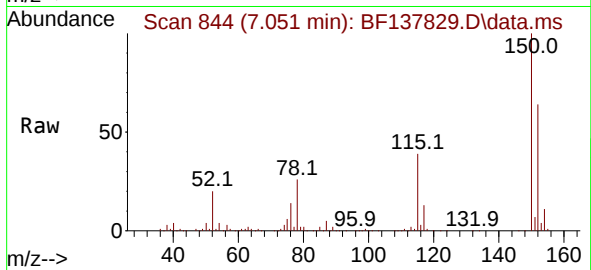
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

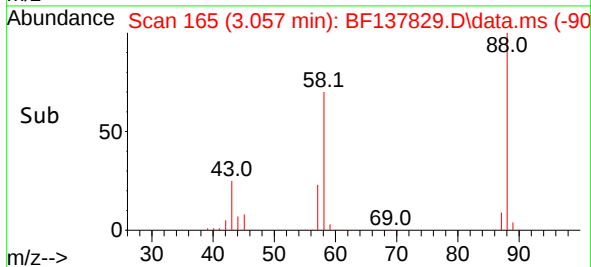
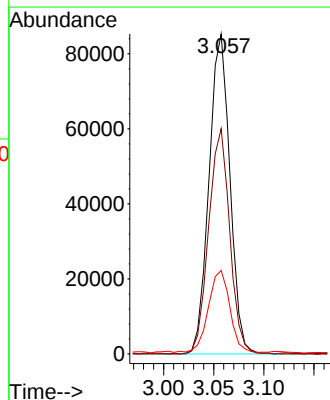
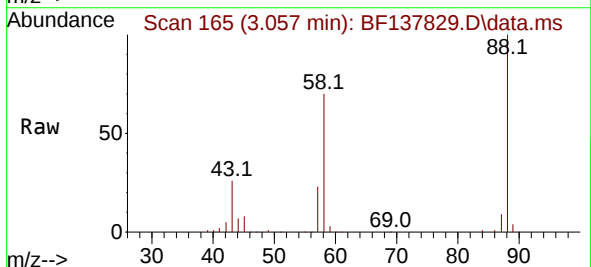
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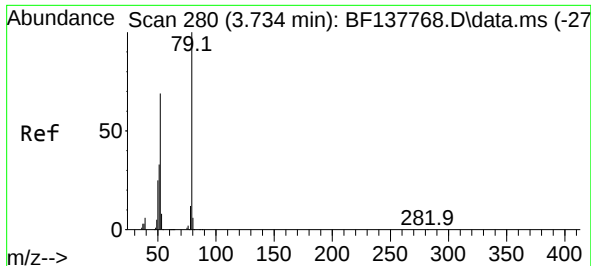
Tgt Ion:152 Resp: 149761
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 61.3 49.1 73.7



#2
1,4-Dioxane
Concen: 30.629 ng
RT: 3.057 min Scan# 165
Delta R.T. 0.094 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 88 Resp: 123371
Ion Ratio Lower Upper
88 100
58 71.2 58.8 88.2
43 26.1 21.4 32.0

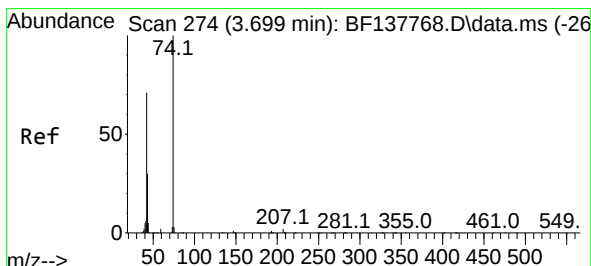
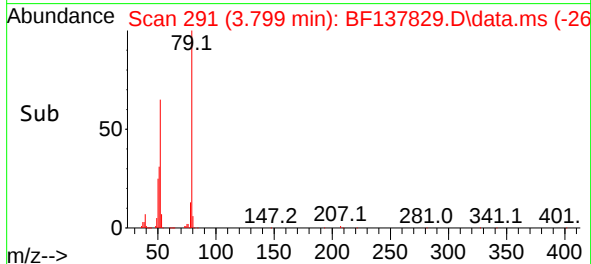
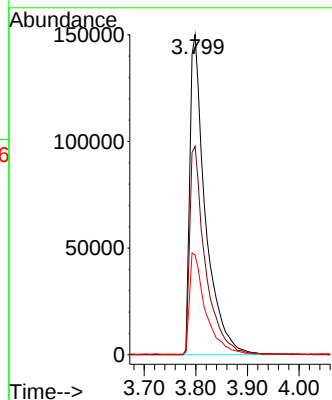
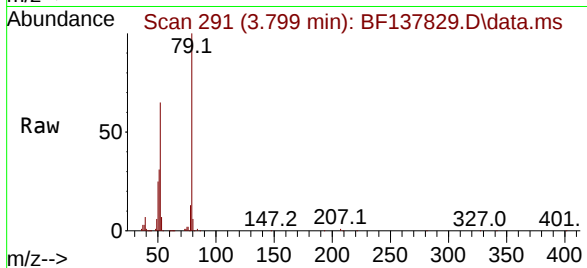




#3
Pyridine
Concen: 32.148 ng
RT: 3.799 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

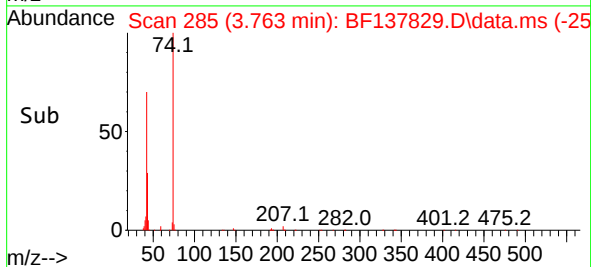
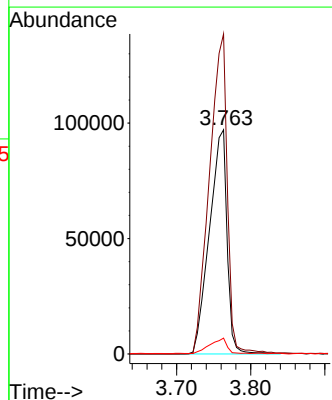
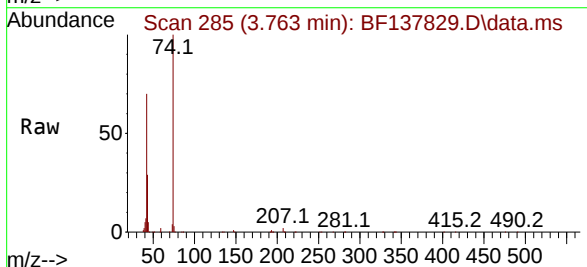
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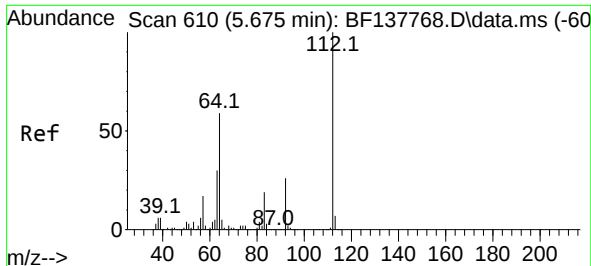
Tgt Ion: 79 Resp: 313392
Ion Ratio Lower Upper
79 100
52 65.1 55.5 83.3
51 31.1 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 36.536 ng
RT: 3.763 min Scan# 285
Delta R.T. 0.065 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 42 Resp: 160386
Ion Ratio Lower Upper
42 100
74 142.7 112.9 169.3
44 7.1 5.6 8.4

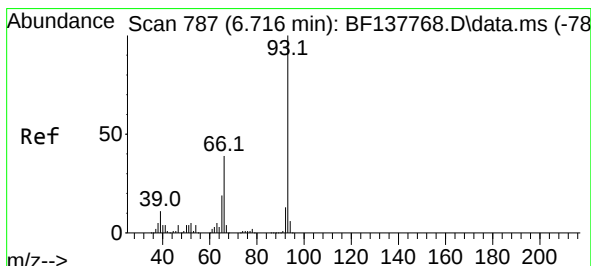
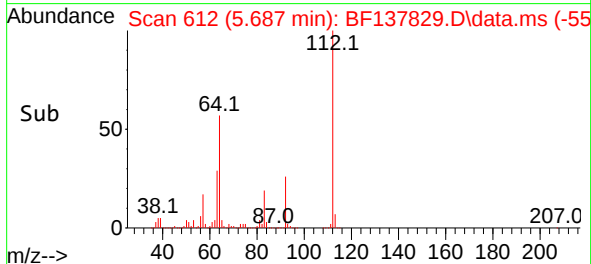
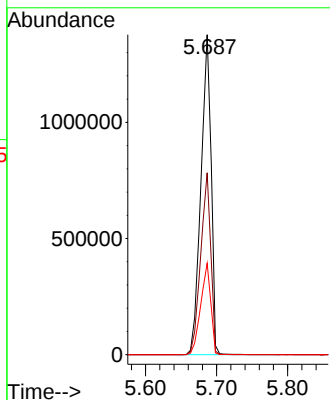
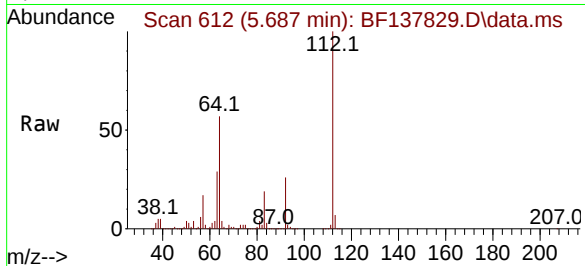




#5
2-Fluorophenol
Concen: 154.411 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

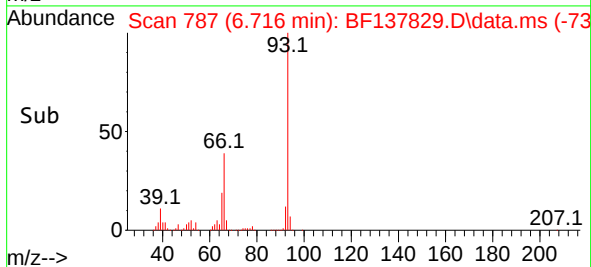
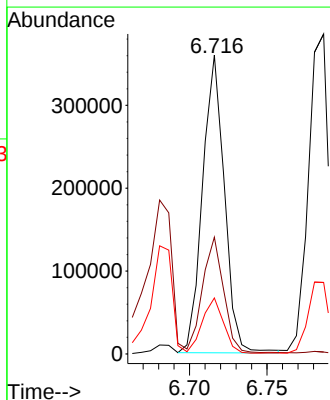
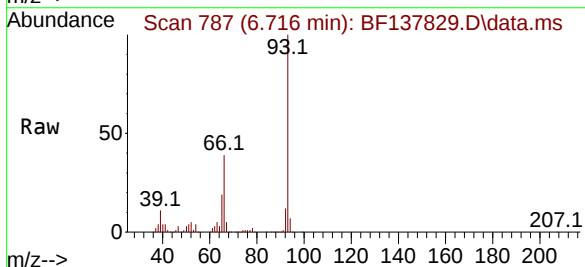
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1381169
Ion Ratio Lower Upper
112 100
64 56.9 47.3 70.9
63 28.6 23.7 35.5



#6
Aniline
Concen: 31.372 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 93 Resp: 352785
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.6
65 18.7 15.4 23.2





#7

Phenol-d6

Concen: 108.086 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

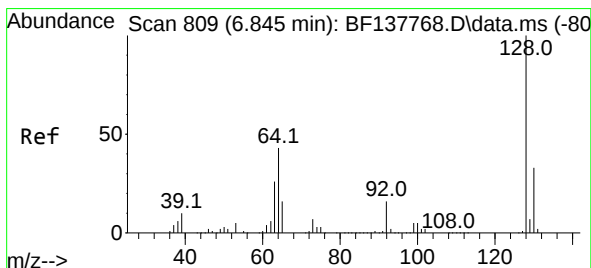
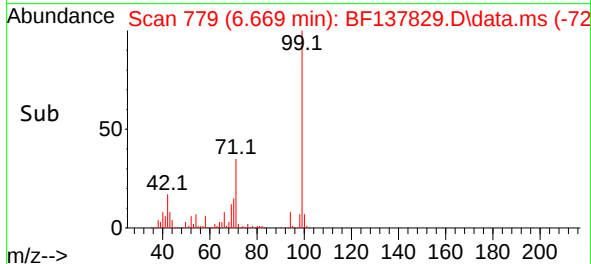
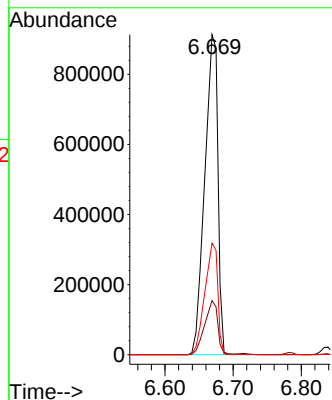
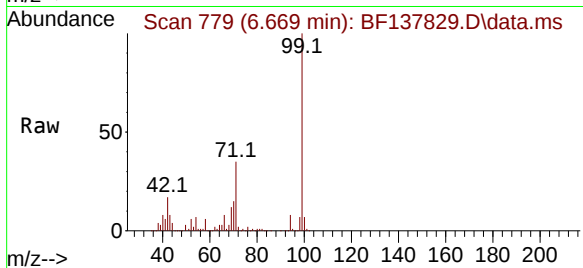
BNA_F

ClientSampleId :

PB160706BS

Tgt Ion: 99 Resp: 1226294

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.2	19.8
71	34.9	25.0	37.4



#8

2-Chlorophenol

Concen: 40.865 ng

RT: 6.840 min Scan# 808

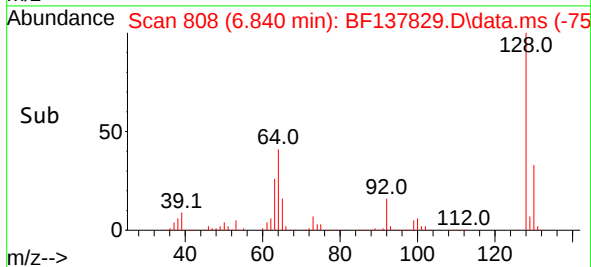
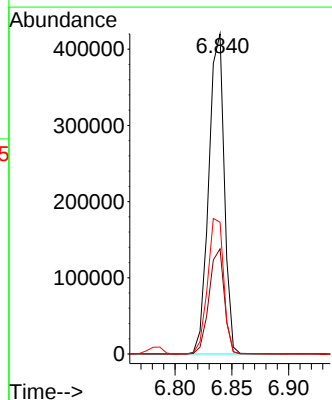
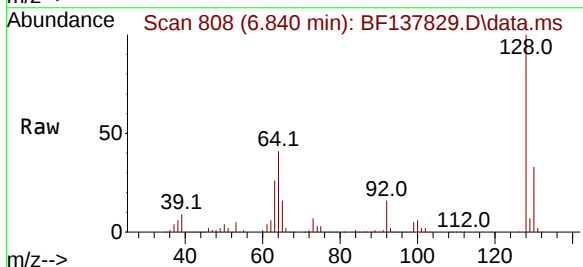
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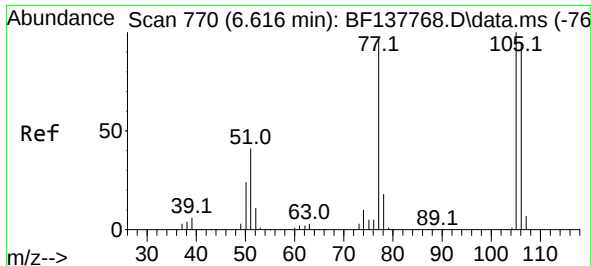
Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion: 128 Resp: 398346

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	41.2	23.9	63.9

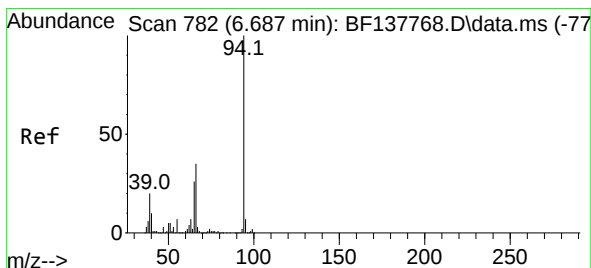
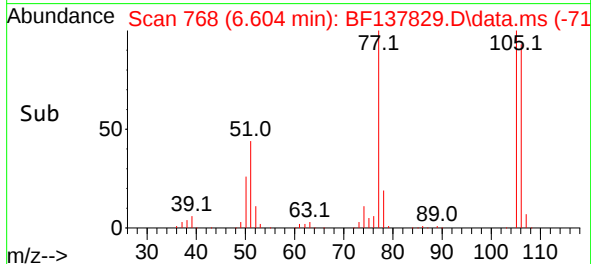
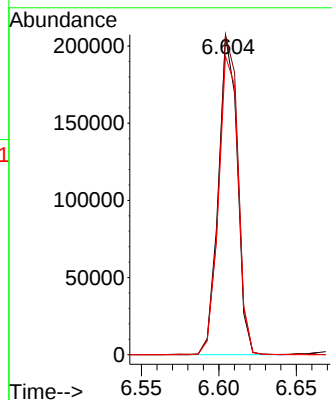
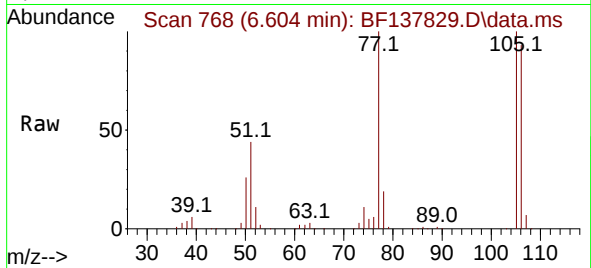




#9
Benzaldehyde
Concen: 28.657 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

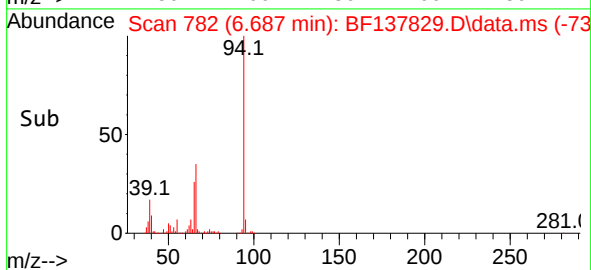
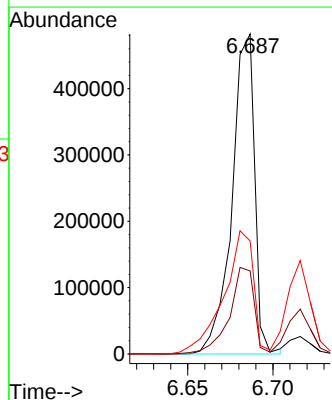
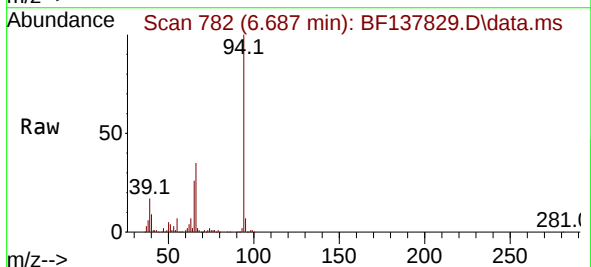
Instrument :
BNA_F
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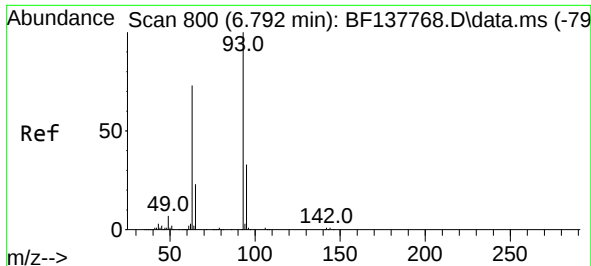
Tgt Ion: 77 Resp: 175089
Ion Ratio Lower Upper
77 100
105 100.4 83.2 123.2
106 93.7 77.7 117.7



#10
Phenol
Concen: 38.367 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 94 Resp: 446035
Ion Ratio Lower Upper
94 100
65 26.0 6.4 46.4
66 35.3 15.4 55.4

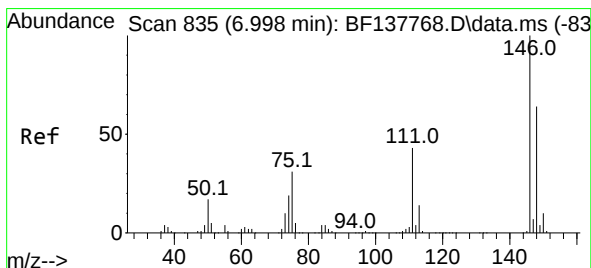
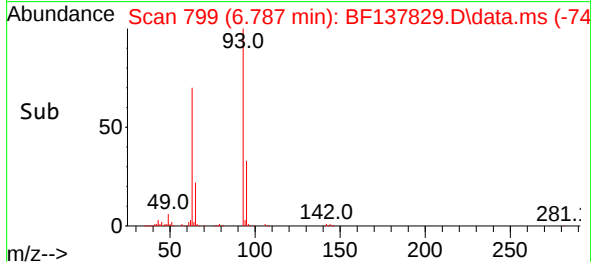
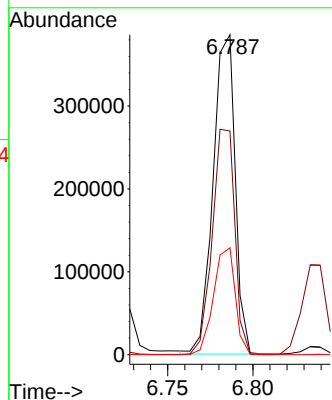
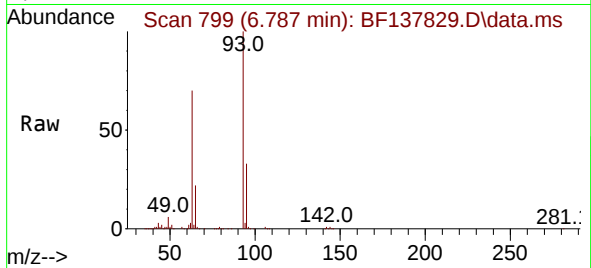




#11
bis(2-Chloroethyl)ether
Concen: 38.284 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

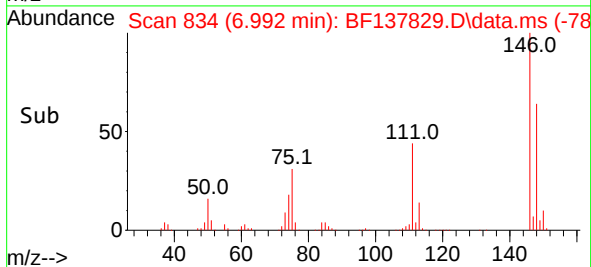
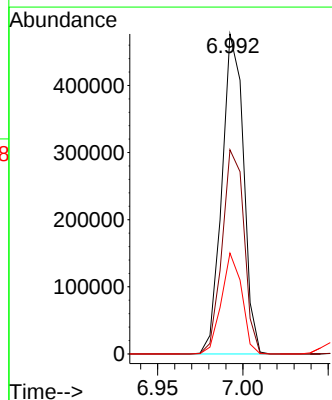
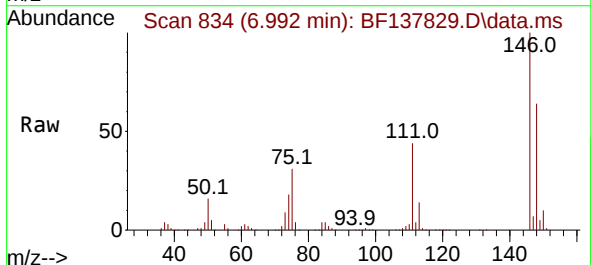
Instrument :
BNA_F
ClientSampleId :
PB160706BS

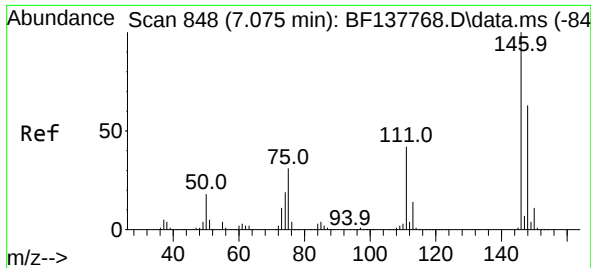
Tgt Ion: 93 Resp: 348491
Ion Ratio Lower Upper
93 100
63 69.9 51.6 91.6
95 33.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.260 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 146 Resp: 420571
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 31.5 25.1 37.7

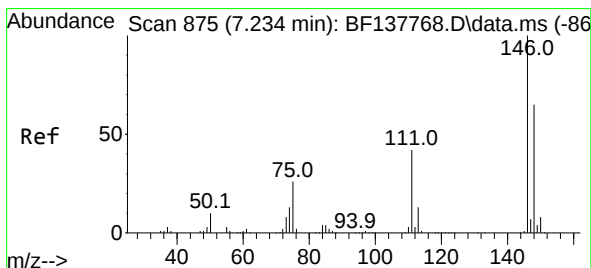
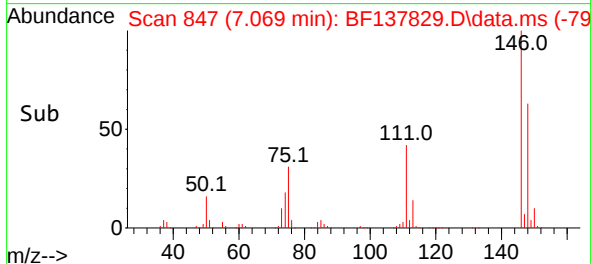
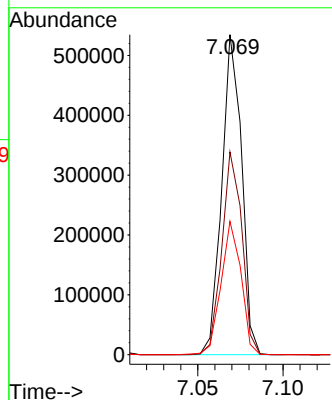
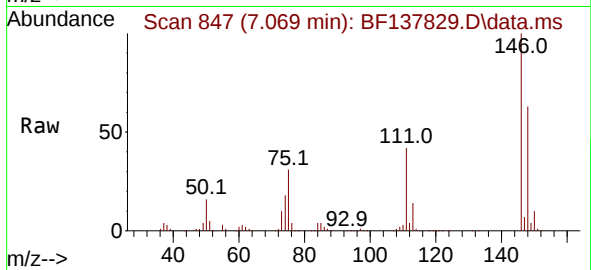




#13
1,4-Dichlorobenzene
Concen: 39.271 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

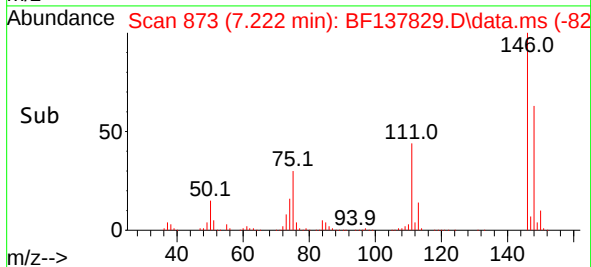
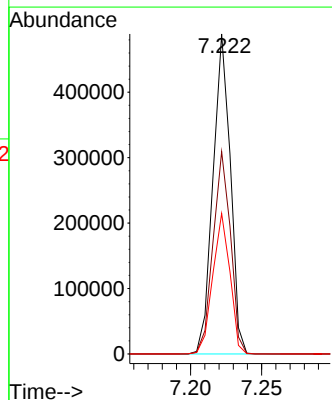
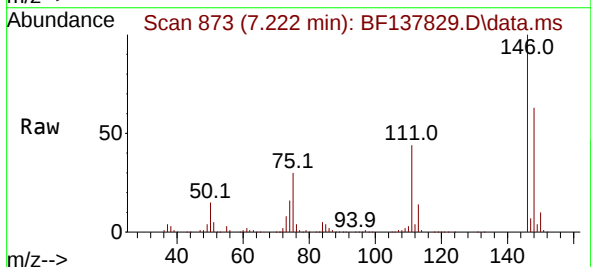
Instrument :
BNA_F
ClientSampleId :
PB160706BS

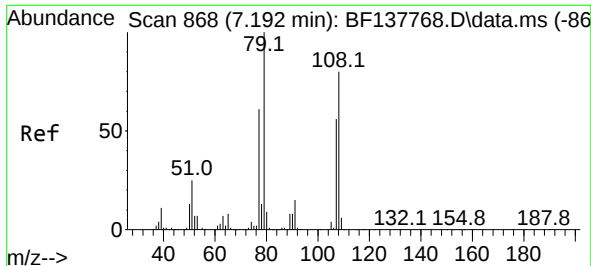
Tgt Ion:146 Resp: 433159
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 41.7 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 40.069 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:146 Resp: 416264
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 43.9 33.6 50.4

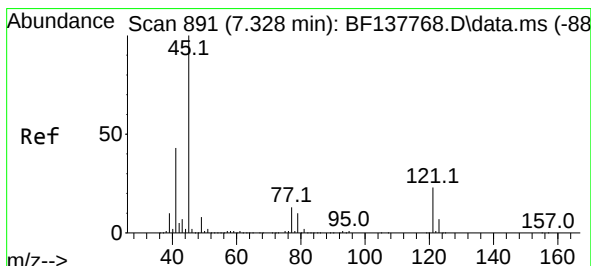
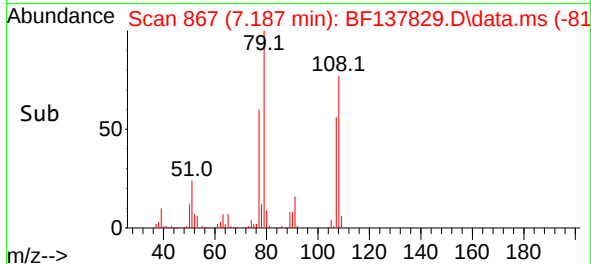
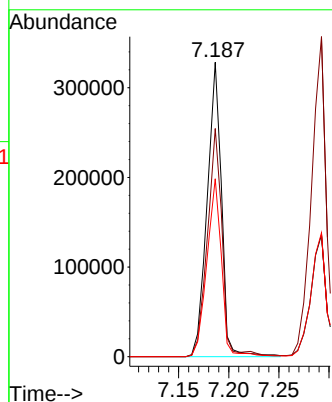
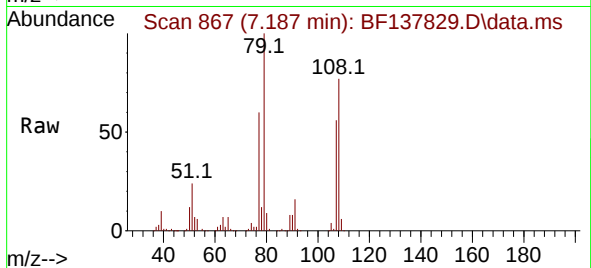




#15
Benzyl Alcohol
Concen: 41.884 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

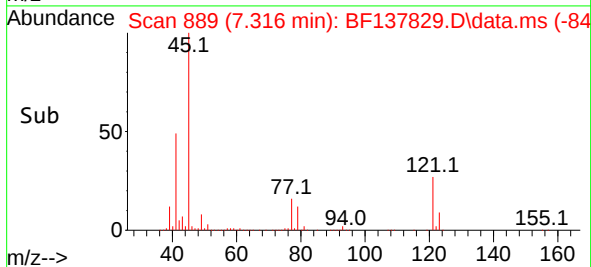
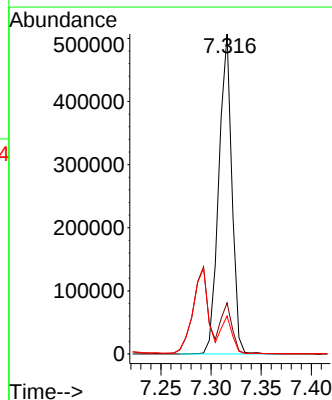
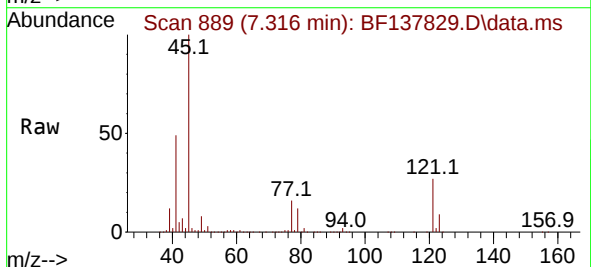
Instrument :
BNA_F
ClientSampleId :
PB160706BS

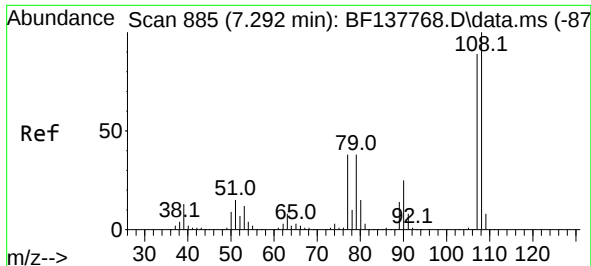
Tgt Ion: 79 Resp: 328624
Ion Ratio Lower Upper
79 100
108 77.5 64.2 96.2
77 60.5 48.5 72.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.778 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 45 Resp: 457777
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.8
79 11.8 0.0 31.0



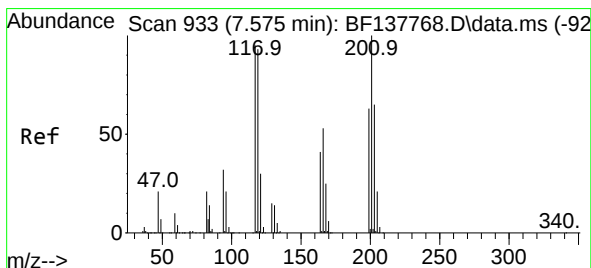
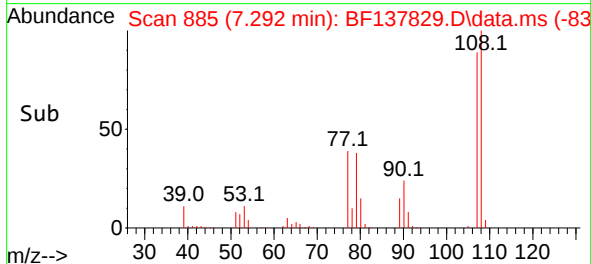
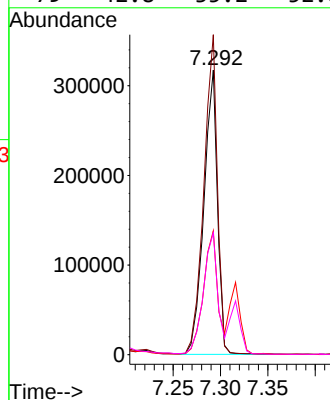
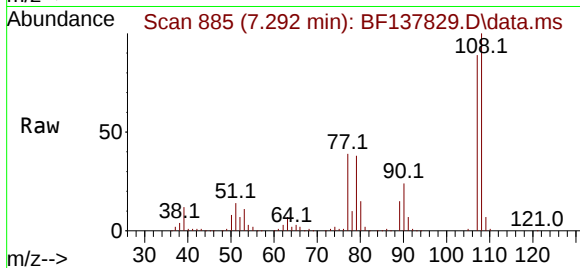


#17
2-Methylphenol
Concen: 40.219 ng
RT: 7.292 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB160706BS

Tgt Ion:107 Resp: 316346

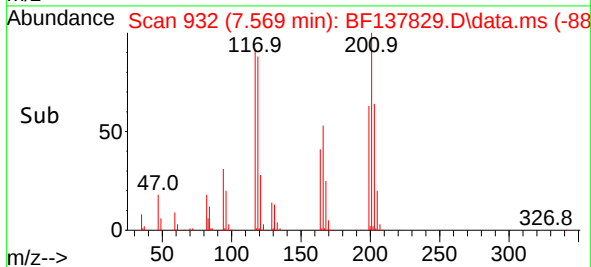
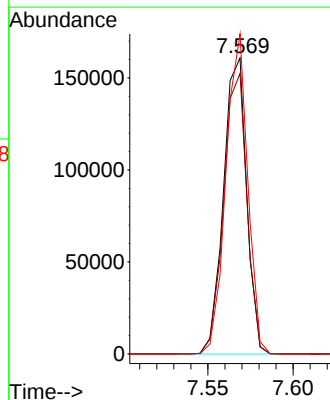
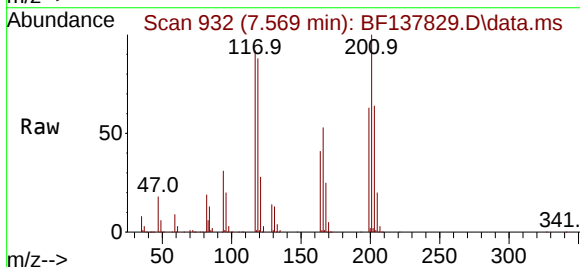
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.5	135.7
77	43.5	34.5	51.7
79	42.8	35.2	52.8

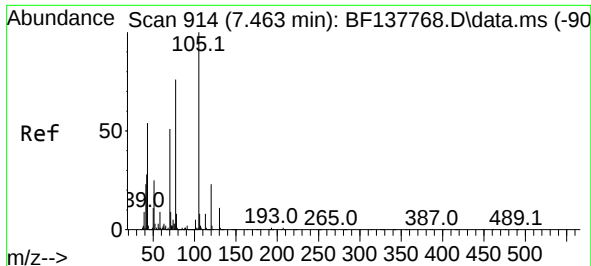


#18
Hexachloroethane
Concen: 40.811 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:117 Resp: 152174

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.6	116.4
201	108.2	83.8	125.8



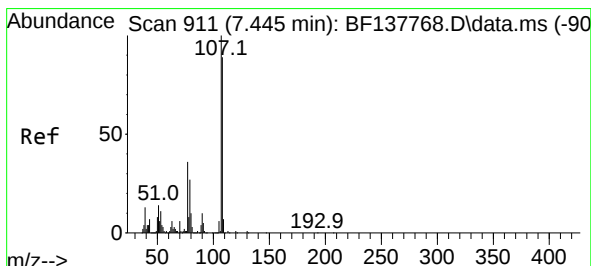
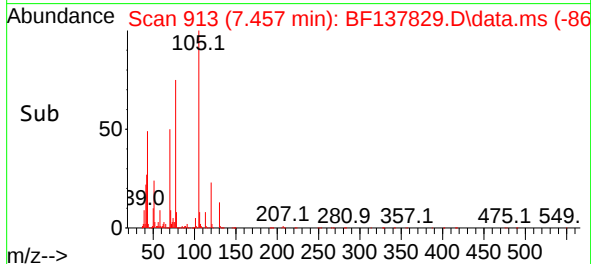
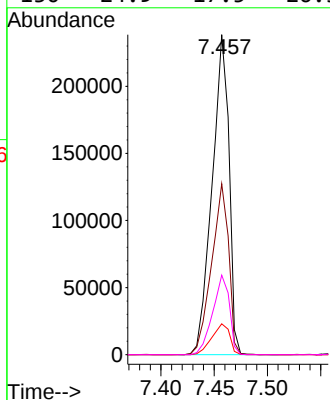
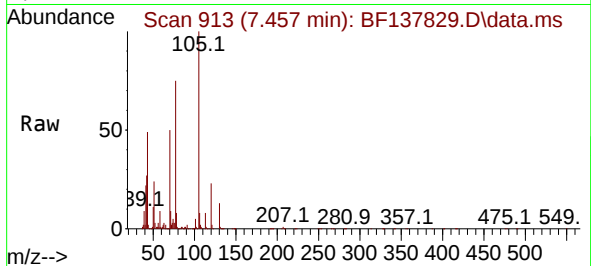


#19
n-Nitroso-di-n-propylamine
Concen: 38.664 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB160706BS

Tgt Ion: 70 Resp: 262150

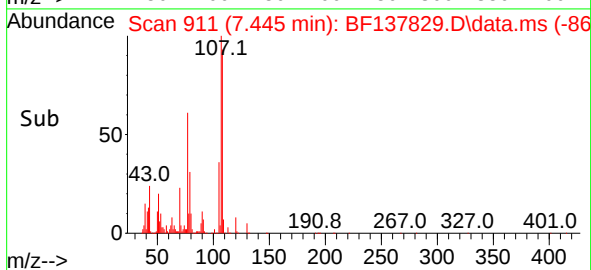
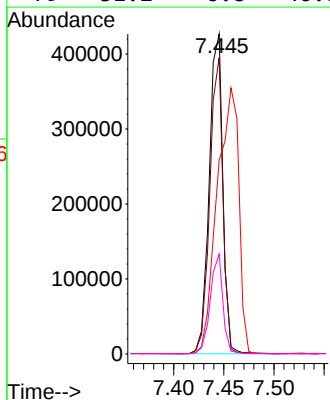
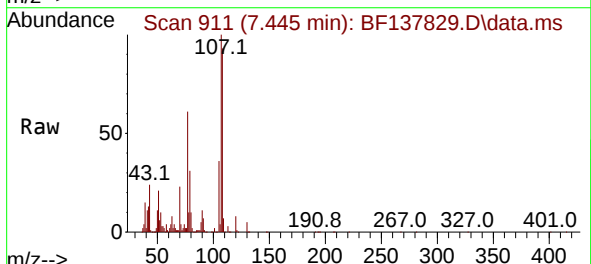
Ion	Ratio	Lower	Upper
70	100		
42	53.4	44.6	66.8
101	9.6	7.8	11.6
130	24.9	17.5	26.3

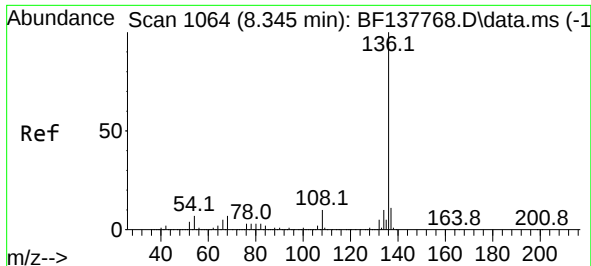


#20
3+4-Methylphenols
Concen: 39.045 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 107 Resp: 404053

Ion	Ratio	Lower	Upper
107	100		
108	92.6	69.3	109.3
77	60.6	15.7	55.7#
79	31.2	6.8	46.8

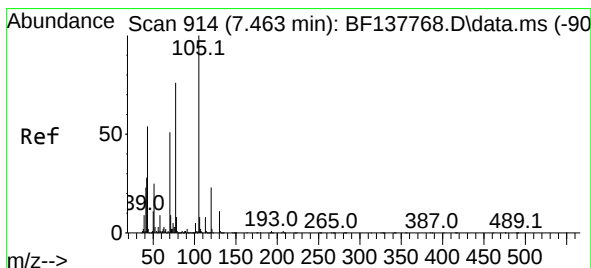
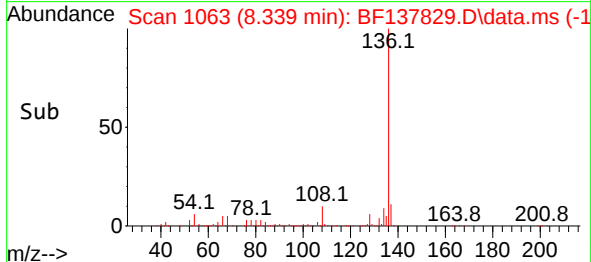
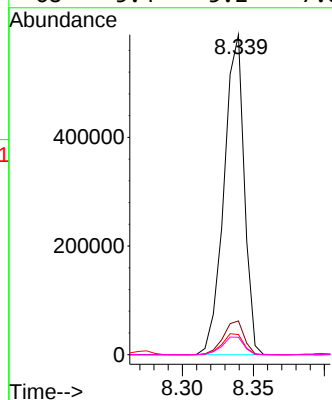
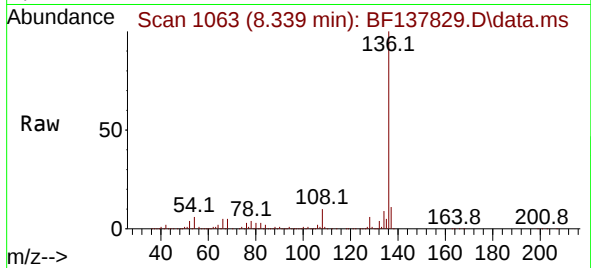




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

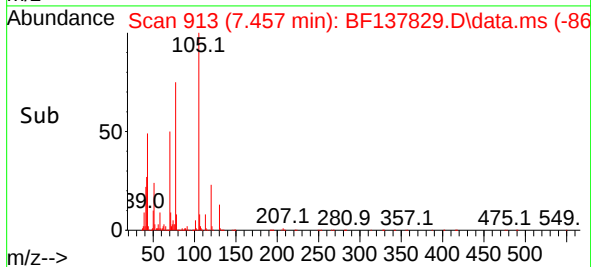
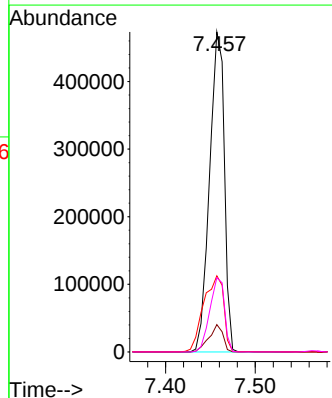
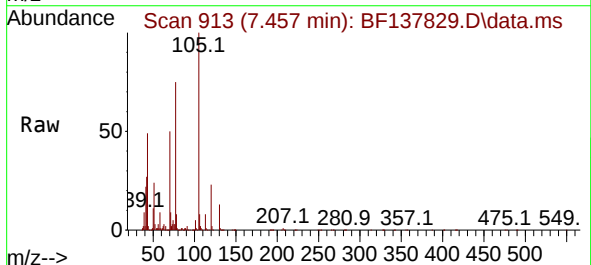
Instrument :
BNA_F
ClientSampleId :
PB160706BS

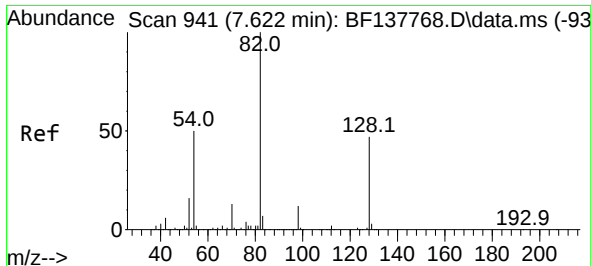
Tgt Ion:136 Resp: 582210
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.3 5.8 8.8
68 5.4 5.2 7.8



#22
Acetophenone
Concen: 41.374 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:105 Resp: 541755
Ion Ratio Lower Upper
105 100
71 8.5 6.9 10.3
51 23.8 20.2 30.2
120 23.2 18.6 27.8





#23

Nitrobenzene-d5

Concen: 77.903 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

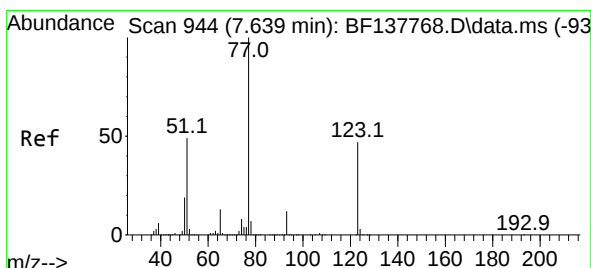
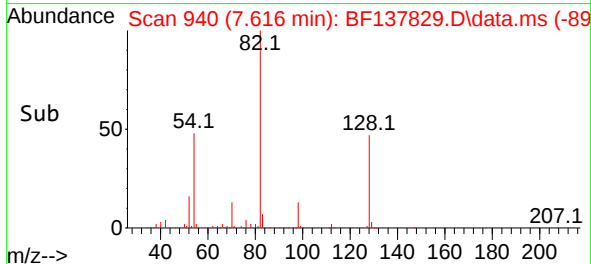
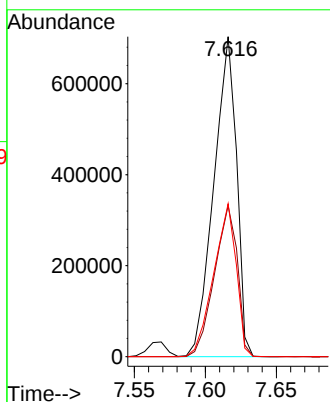
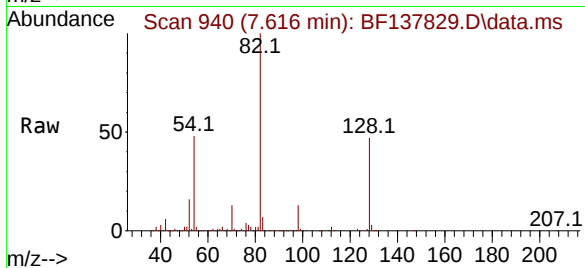
Tgt Ion: 82 Resp: 780682

Ion Ratio Lower Upper

82 100

128 47.2 37.5 56.3

54 47.8 39.8 59.6



#24

Nitrobenzene

Concen: 38.289 ng

RT: 7.634 min Scan# 943

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

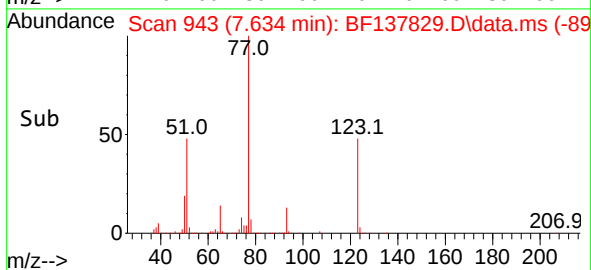
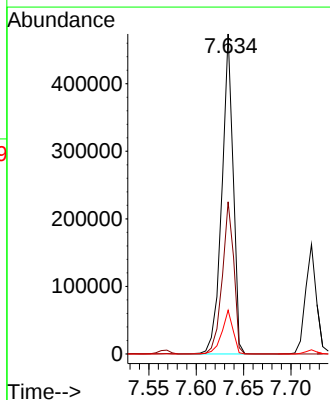
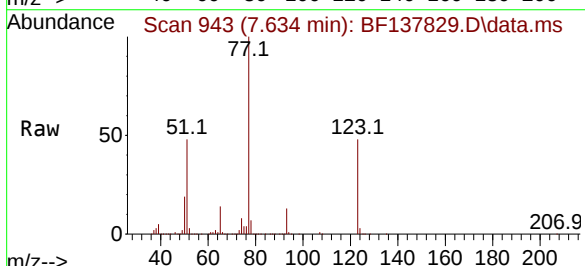
Tgt Ion: 77 Resp: 395463

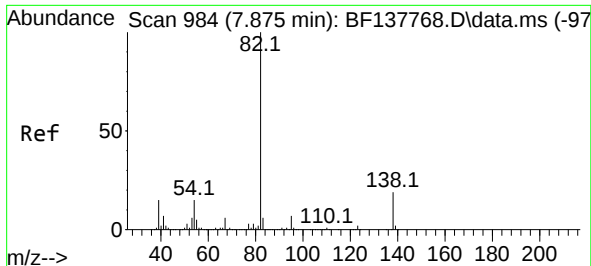
Ion Ratio Lower Upper

77 100

123 47.5 37.4 56.2

65 13.7 10.7 16.1

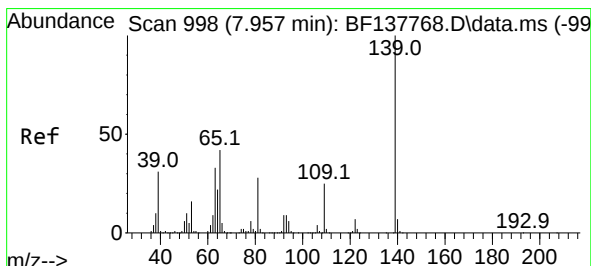
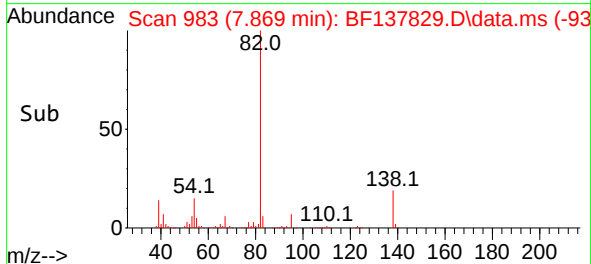
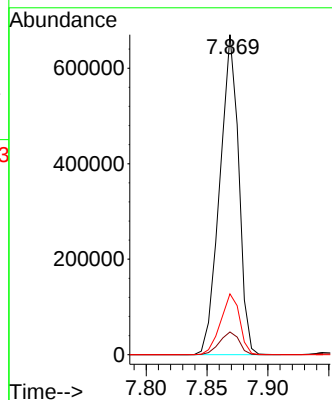
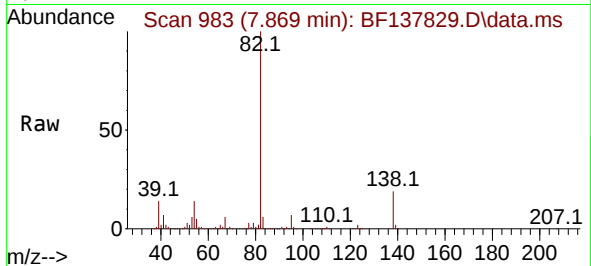




#25
Isophorone
Concen: 40.104 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

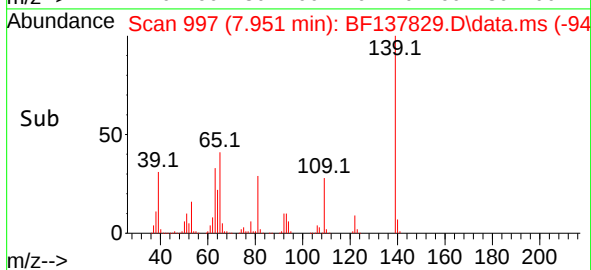
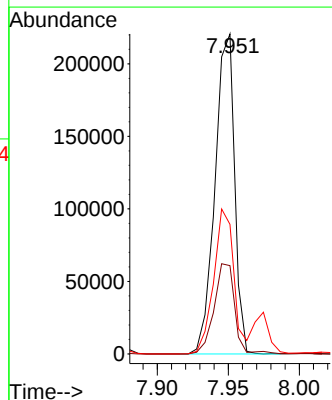
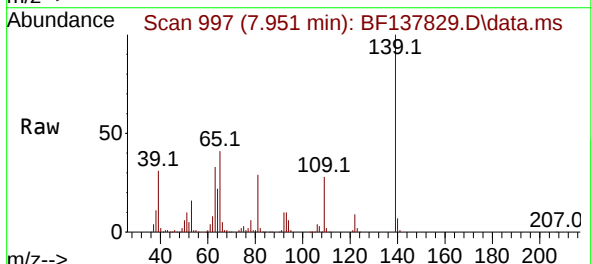
Instrument :
BNA_F
ClientSampleId :
PB160706BS

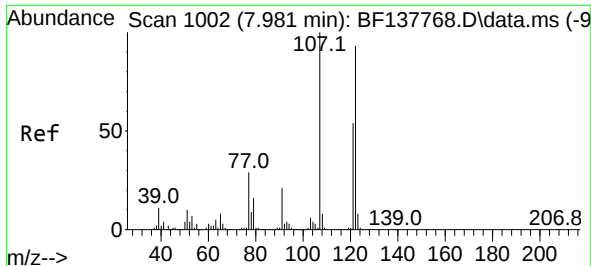
Tgt Ion: 82 Resp: 724608
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.0 15.0 22.6



#26
2-Nitrophenol
Concen: 45.302 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:139 Resp: 211884
Ion Ratio Lower Upper
139 100
109 27.6 20.2 30.2
65 40.5 33.4 50.0

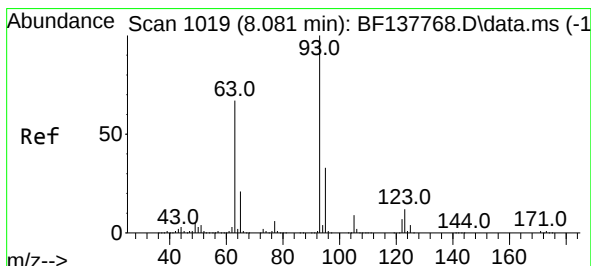
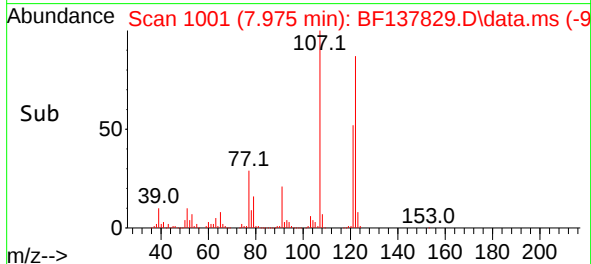
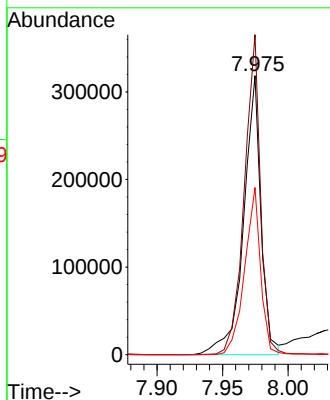
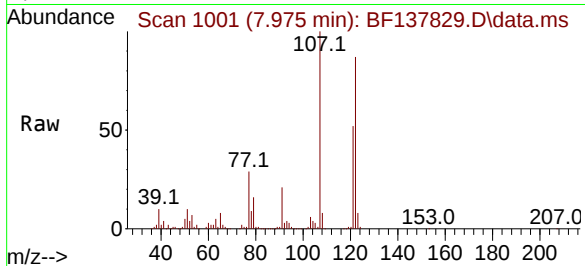




#27
2,4-Dimethylphenol
Concen: 43.611 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

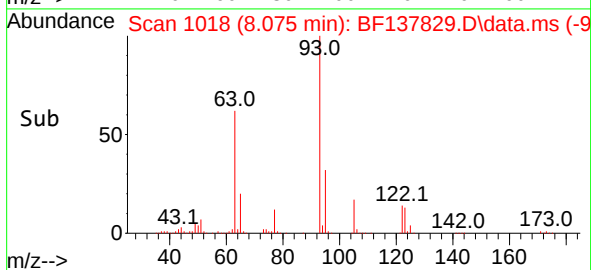
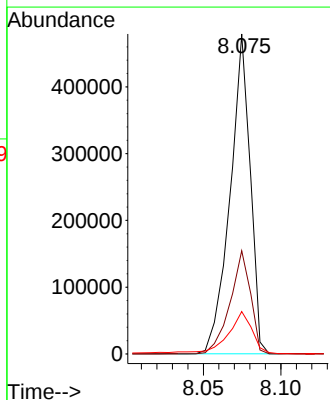
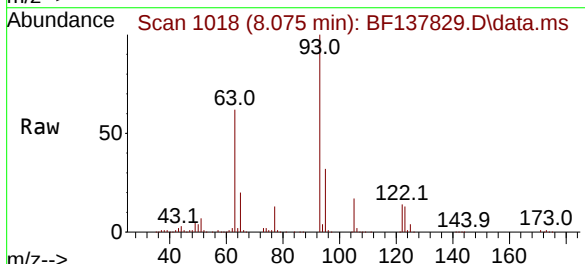
Instrument :
BNA_F
ClientSampleId :
PB160706BS

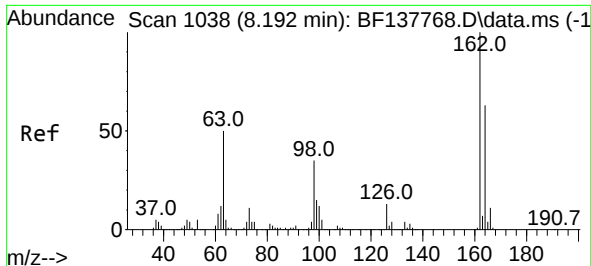
Tgt Ion:122 Resp: 293652
Ion Ratio Lower Upper
122 100
107 114.7 85.8 128.8
121 59.9 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.535 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion: 93 Resp: 432503
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.709 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

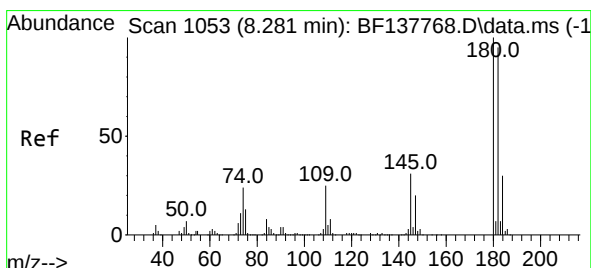
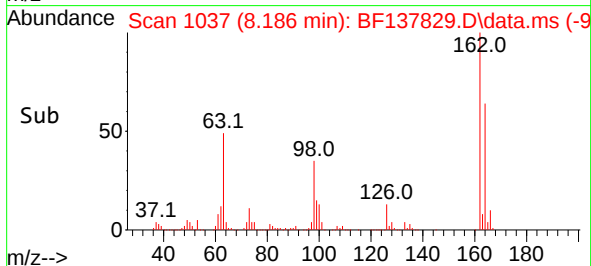
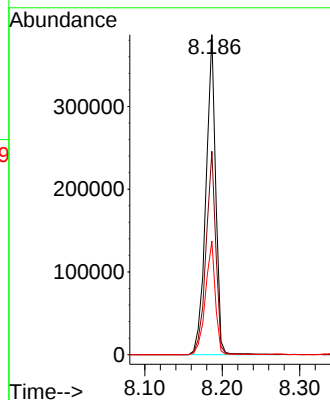
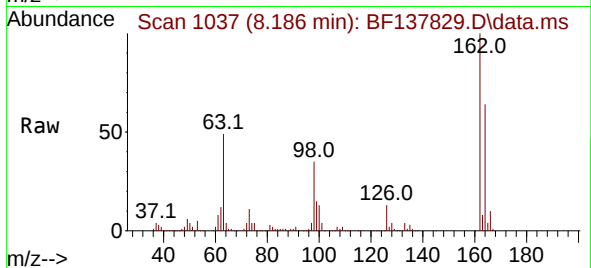
Tgt Ion:162 Resp: 339460

Ion Ratio Lower Upper

162 100

164 63.5 43.5 83.5

98 35.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 40.757 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

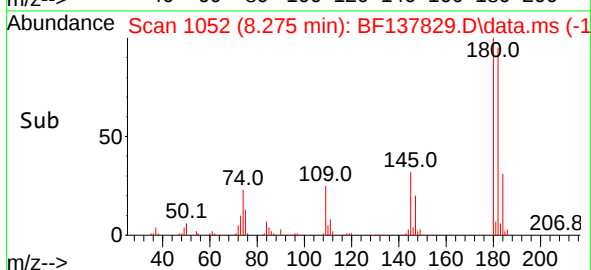
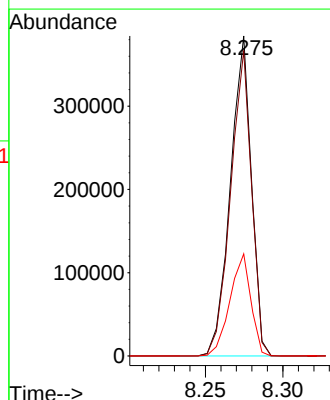
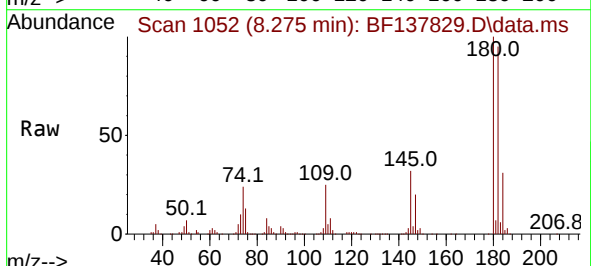
Tgt Ion:180 Resp: 361610

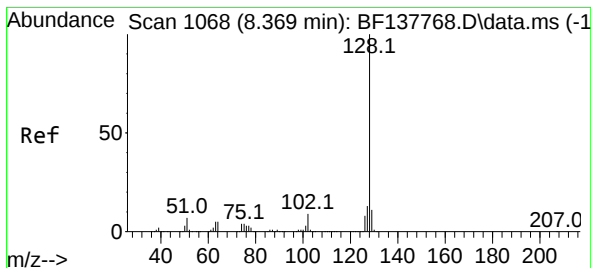
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 31.9 25.1 37.7





#31

Naphthalene

Concen: 40.772 ng

RT: 8.357 min Scan# 1066

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

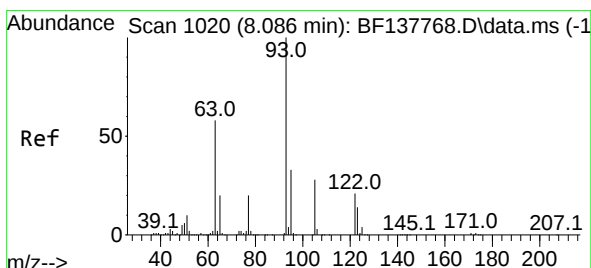
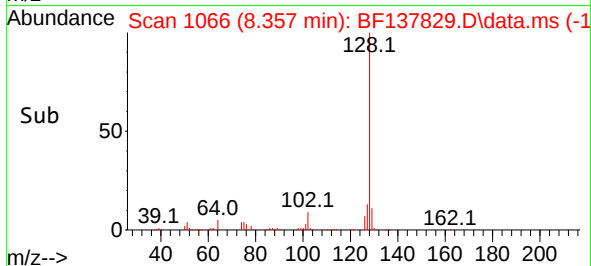
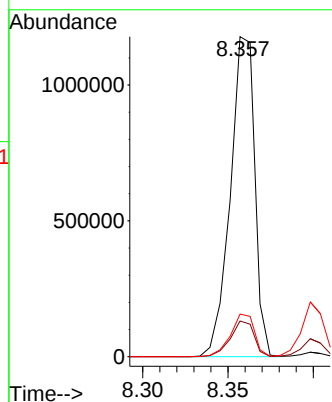
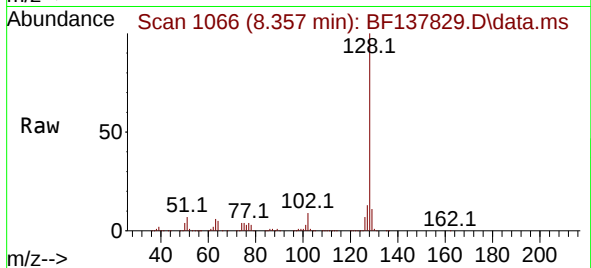
Tgt Ion:128 Resp: 1179678

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 41.719 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

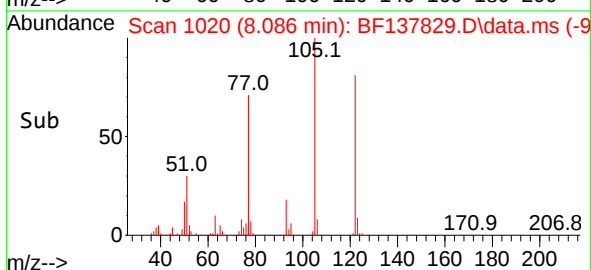
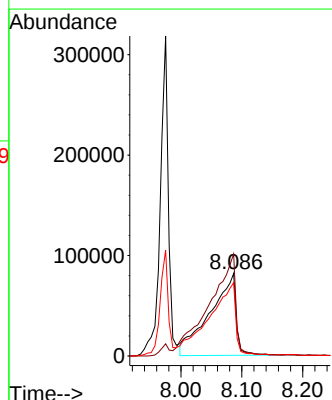
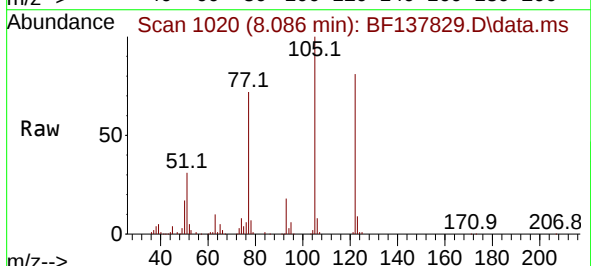
Tgt Ion:122 Resp: 242341

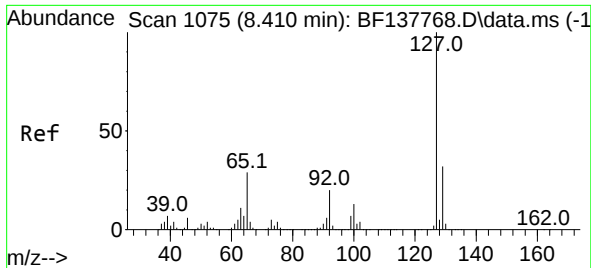
Ion Ratio Lower Upper

122 100

105 124.0 105.3 145.3

77 89.1 73.2 113.2

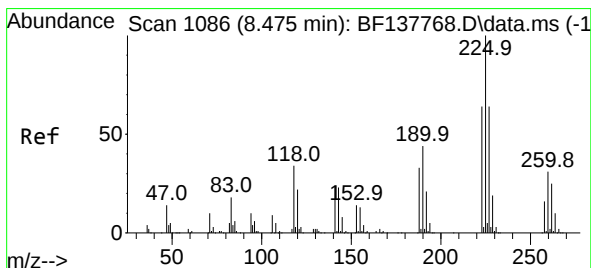
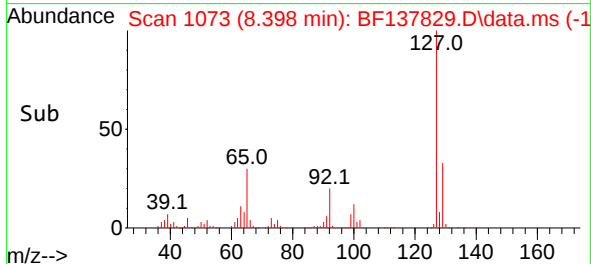
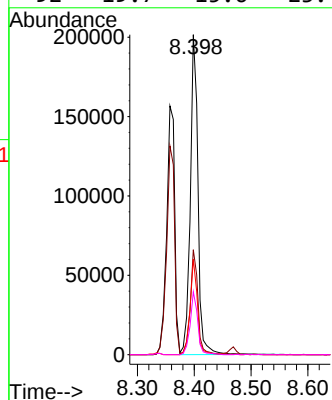
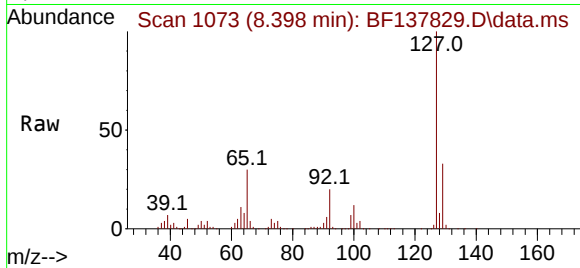




#33
4-Chloroaniline
Concen: 17.577 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

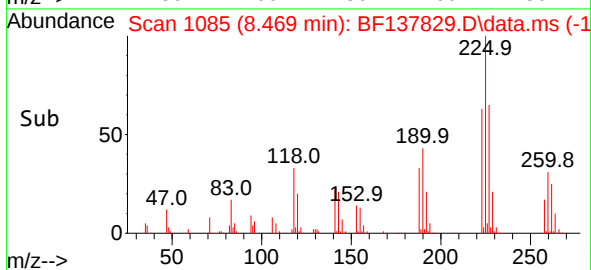
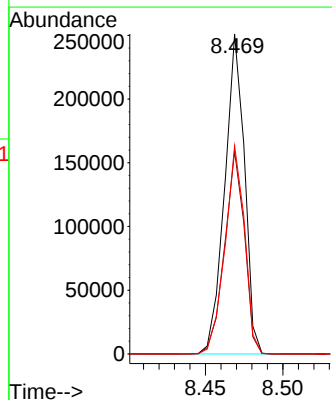
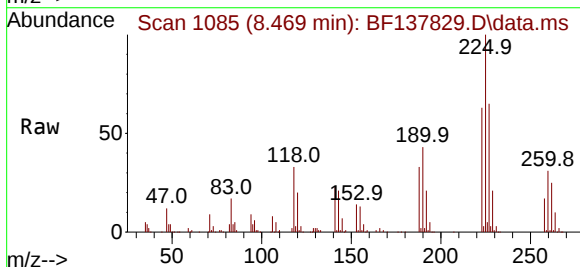
Instrument :
BNA_F
ClientSampleId :
PB160706BS

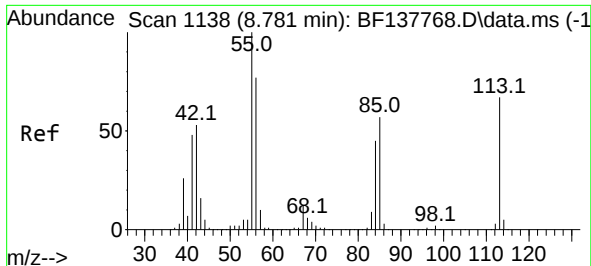
Tgt Ion:	127	Resp:	188590
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	29.9	23.4	35.2
92	19.7	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.853 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:	225	Resp:	222532
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.1	76.7
227	65.1	51.4	77.0

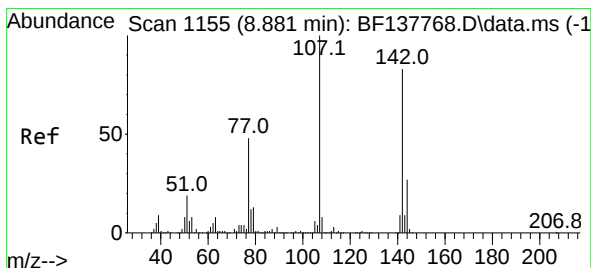
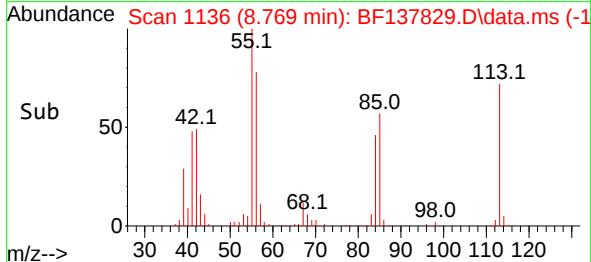
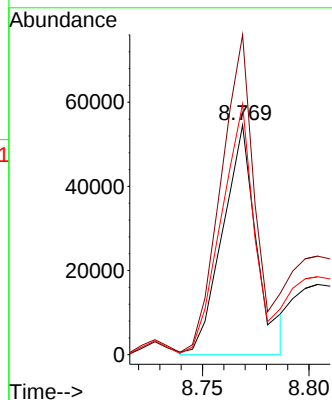
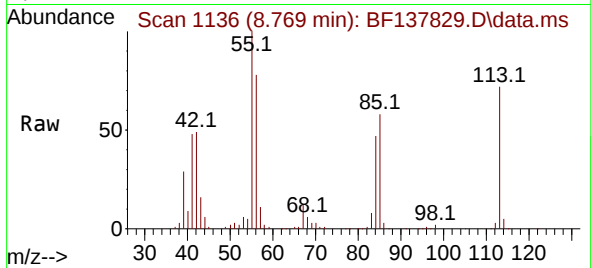




#35
 Caprolactam
 Concen: 23.440 ng
 RT: 8.769 min Scan# 1136
 Delta R.T. -0.012 min
 Lab File: BF137829.D
 Acq: 03 May 2024 15:04

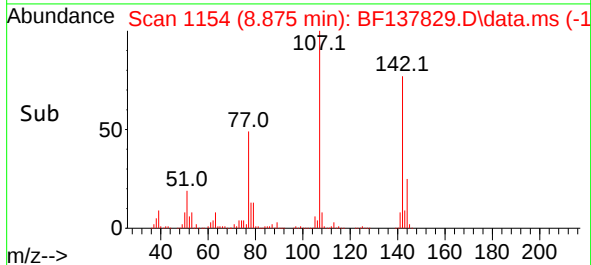
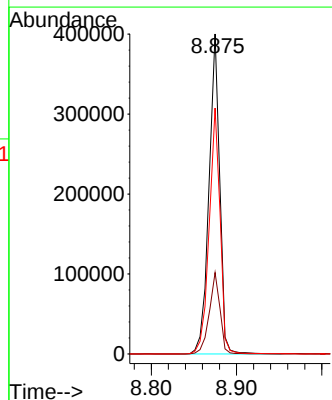
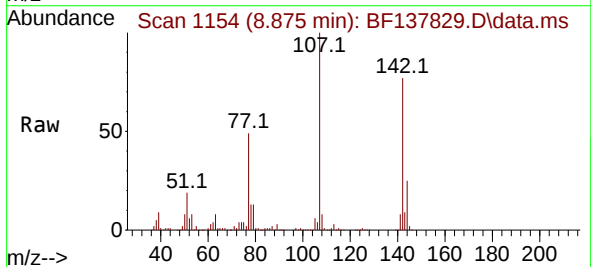
Instrument :
 BNA_F
 ClientSampleId :
 PB160706BS

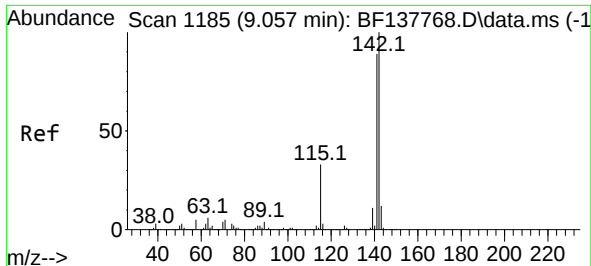
Tgt Ion:113 Resp: 60444
 Ion Ratio Lower Upper
 113 100
 55 139.4 128.7 168.7
 56 109.2 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.393 ng
 RT: 8.875 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: BF137829.D
 Acq: 03 May 2024 15:04

Tgt Ion:107 Resp: 351310
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.4 32.0
 142 76.9 66.2 99.2

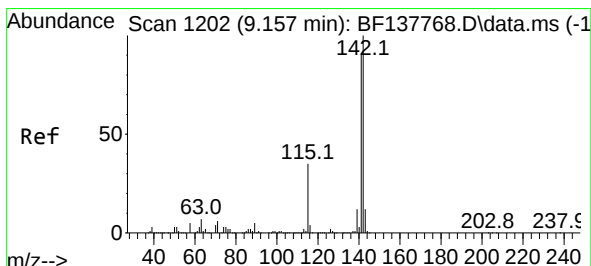
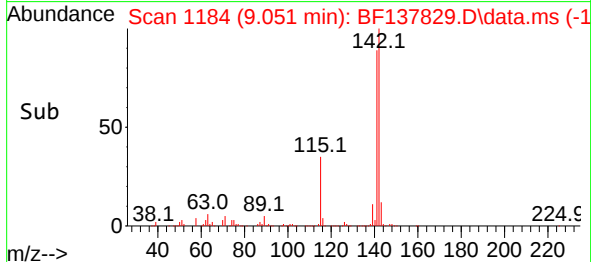
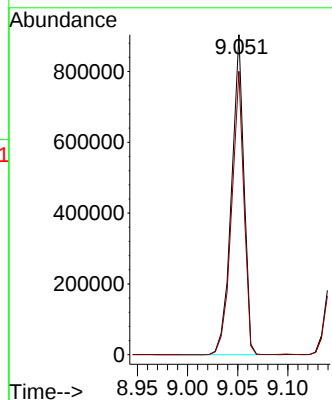
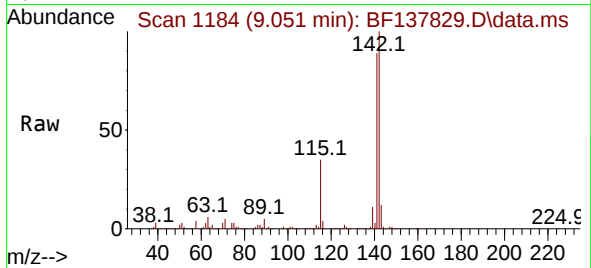




#37
2-Methylnaphthalene
Concen: 41.333 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

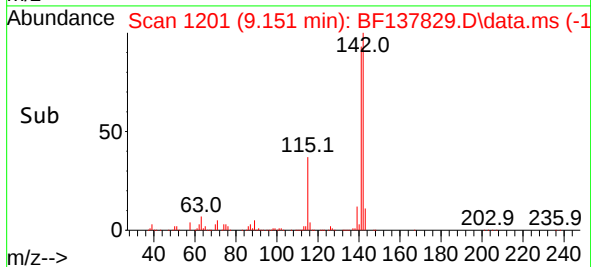
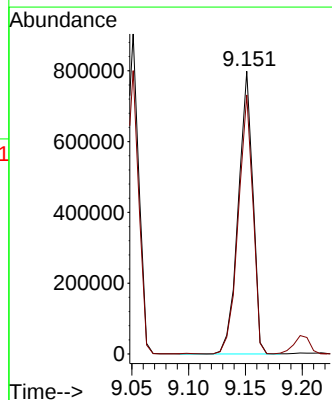
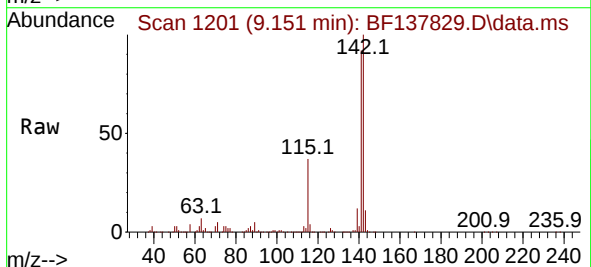
Instrument :
BNA_F
ClientSampleId :
PB160706BS

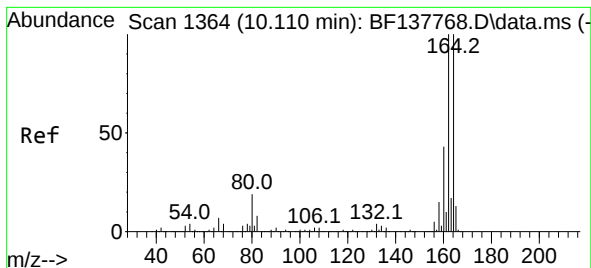
Tgt Ion:142 Resp: 774117
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 38.609 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:142 Resp: 711408
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

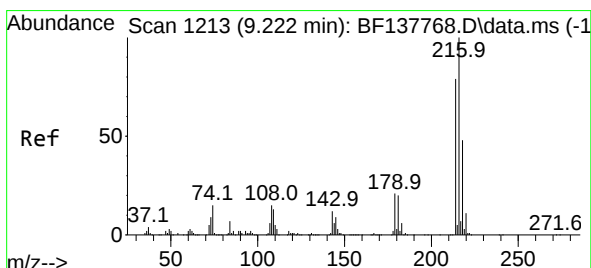
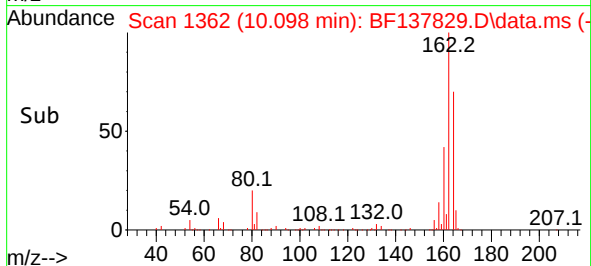
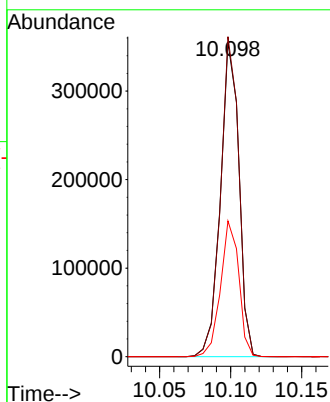
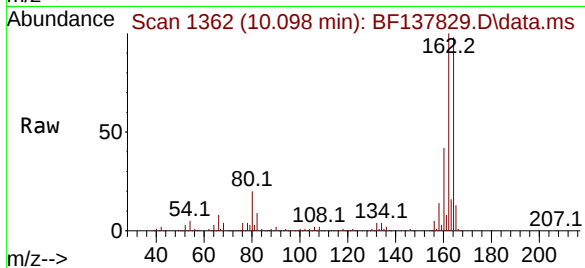
Tgt Ion:164 Resp: 321580

Ion Ratio Lower Upper

164 100

162 101.8 79.8 119.6

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.308 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion:216 Resp: 360350

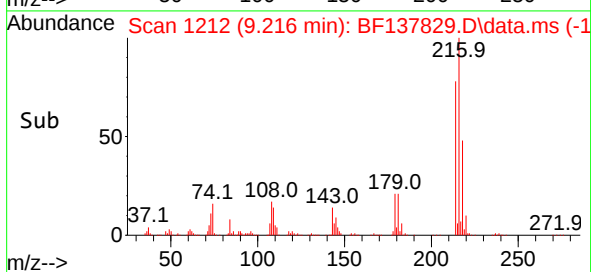
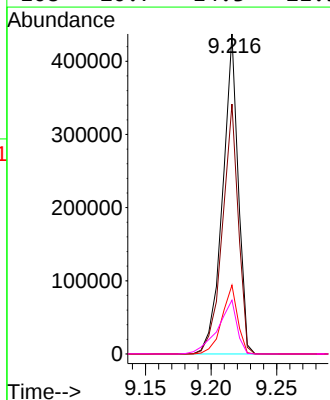
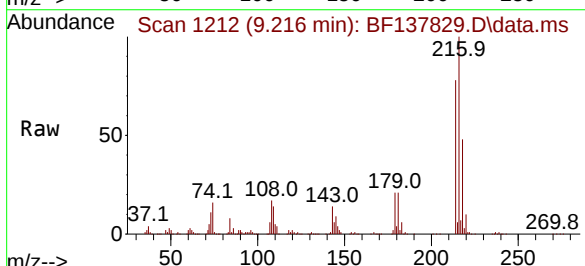
Ion Ratio Lower Upper

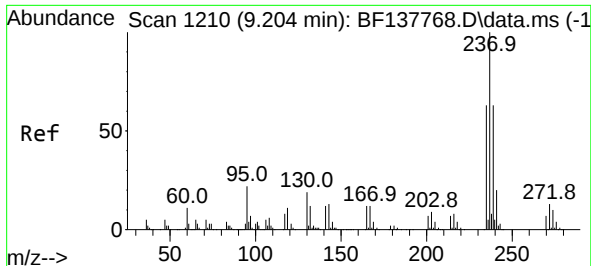
216 100

214 79.2 63.3 94.9

179 21.5 16.8 25.2

108 20.7 14.3 21.5

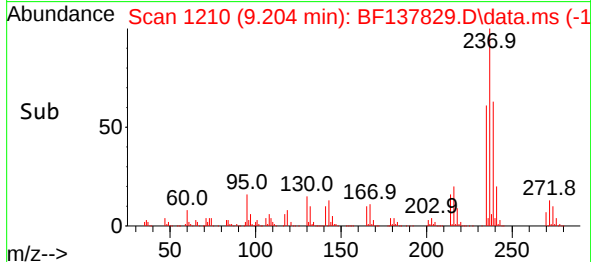
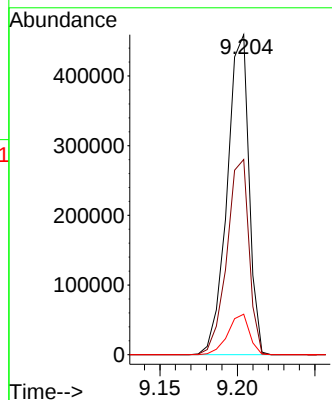
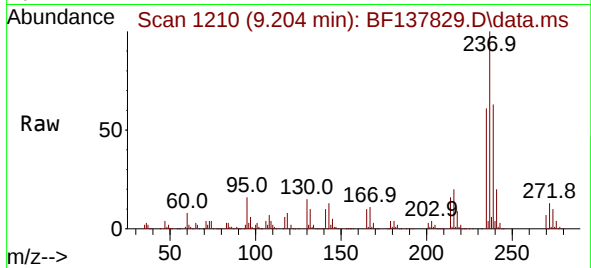




#41
Hexachlorocyclopentadiene
Concen: 130.176 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

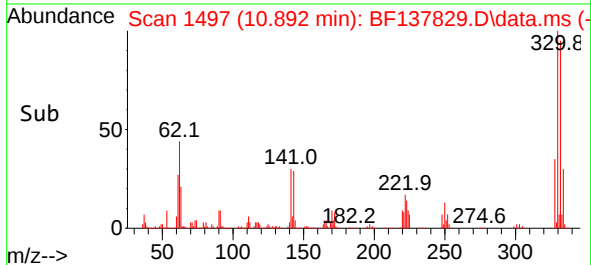
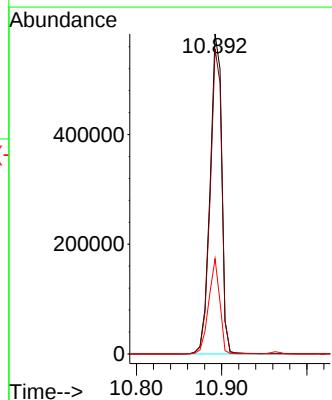
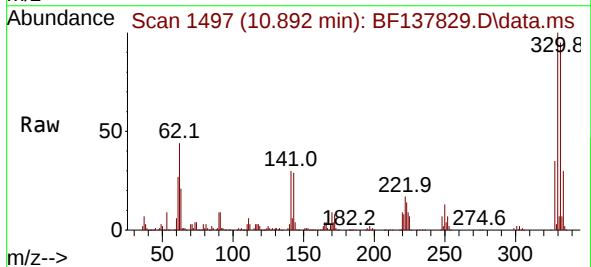
Instrument :
BNA_F
ClientSampleId :
PB160706BS

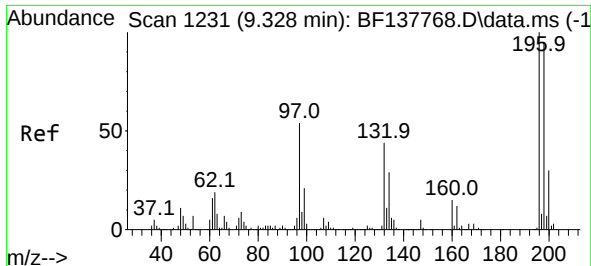
Tgt Ion:237 Resp: 450343
Ion Ratio Lower Upper
237 100
235 61.0 43.0 83.0
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 168.921 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:330 Resp: 554638
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 28.0 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 42.952 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

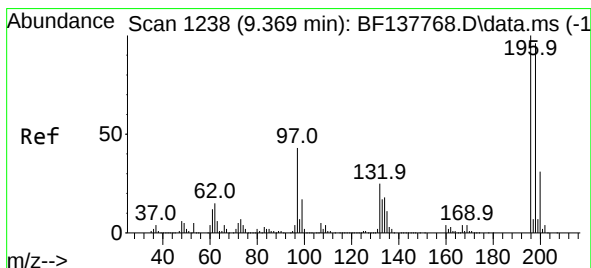
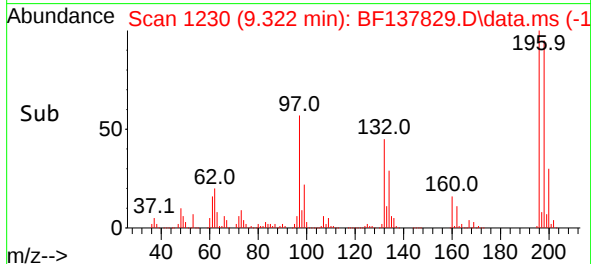
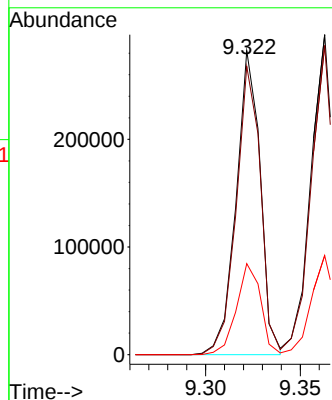
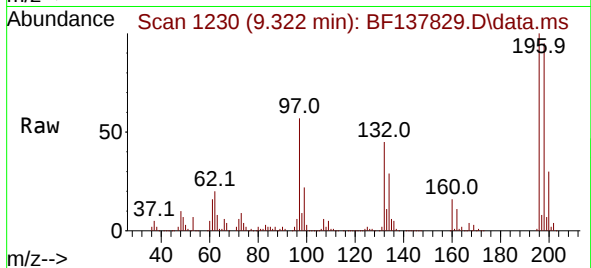
Tgt Ion:196 Resp: 249026

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.4

200 30.0 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 40.922 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Tgt Ion:196 Resp: 261976

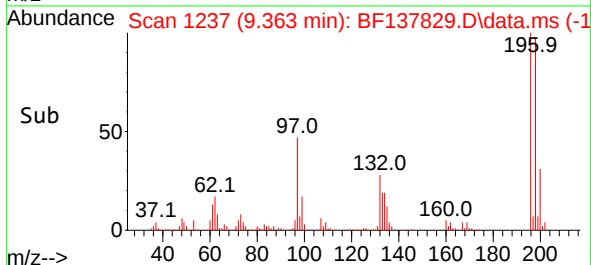
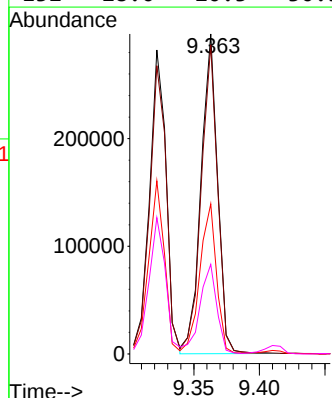
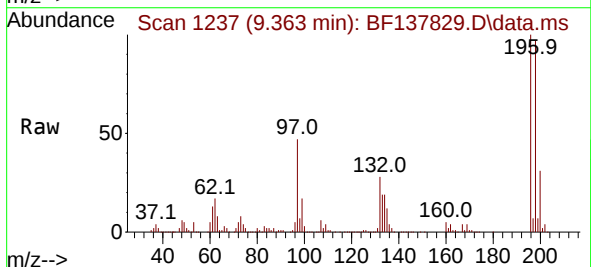
Ion Ratio Lower Upper

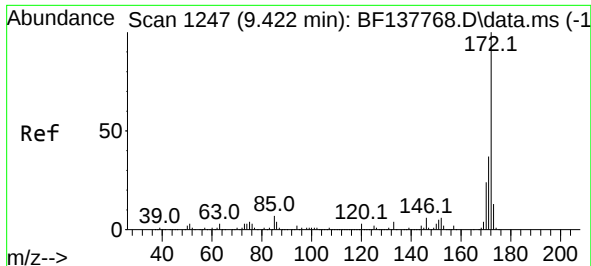
196 100

198 96.6 76.6 114.8

97 46.9 34.5 51.7

132 28.0 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 83.408 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

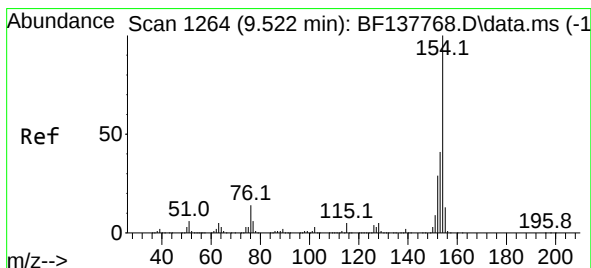
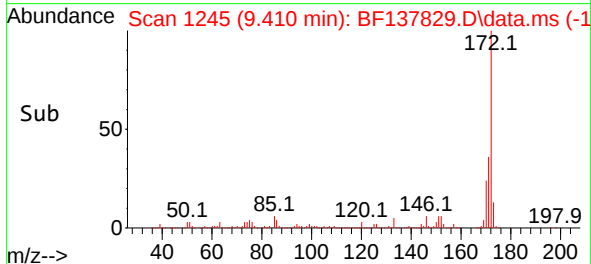
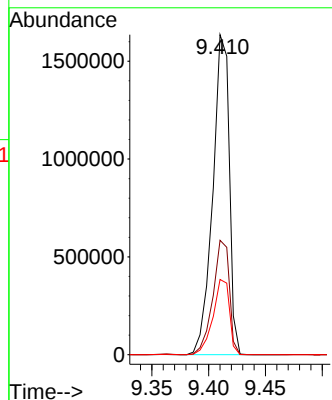
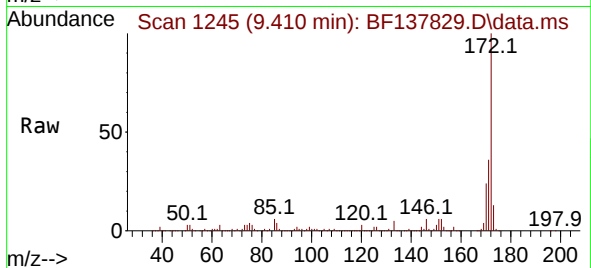
Tgt Ion:172 Resp: 1653283

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 42.749 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

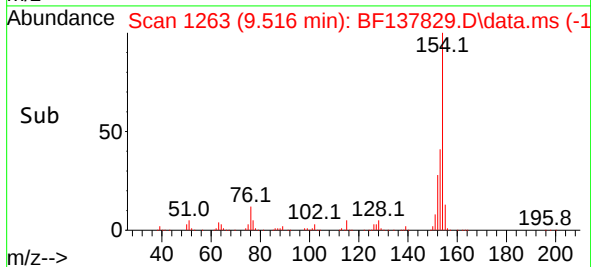
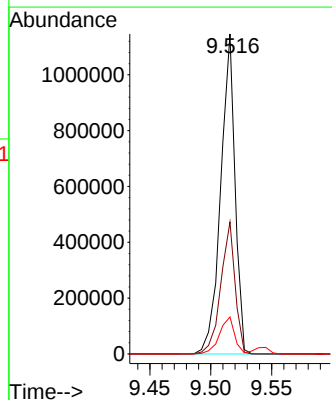
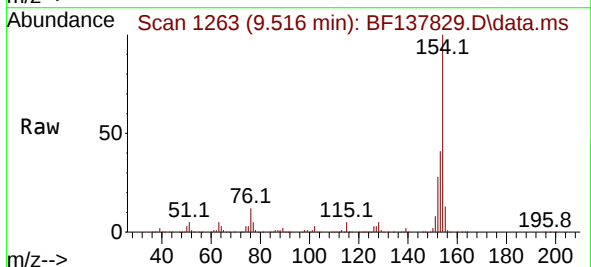
Tgt Ion:154 Resp: 943445

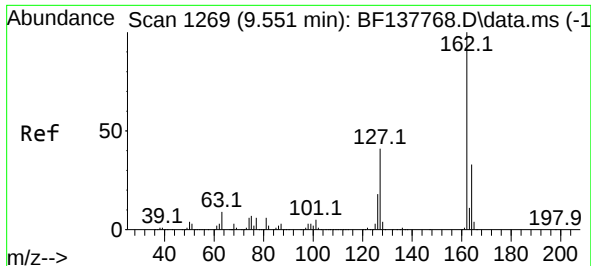
Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

76 11.5 0.0 33.5





#47

2-Chloronaphthalene

Concen: 40.556 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

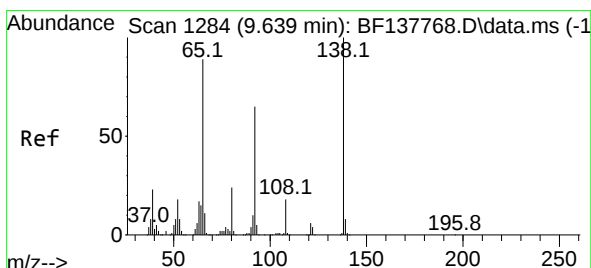
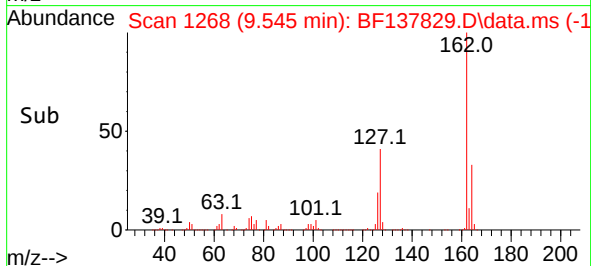
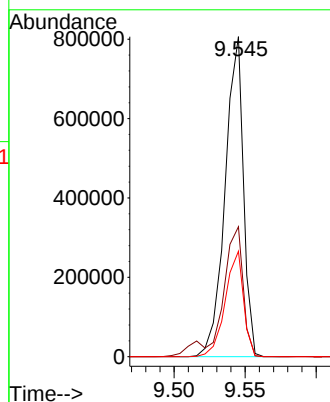
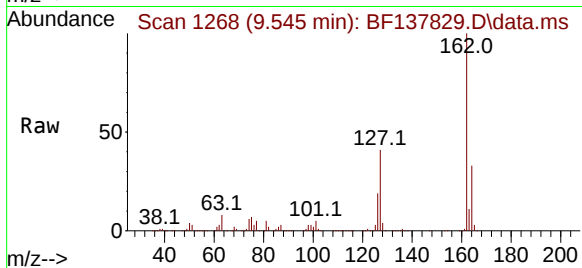
Tgt Ion:162 Resp: 722615

Ion Ratio Lower Upper

162 100

127 40.6 32.6 49.0

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 41.506 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

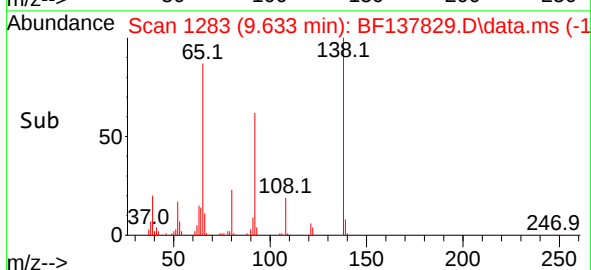
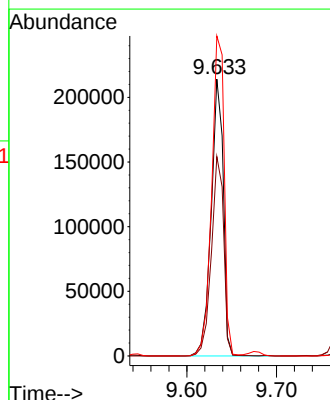
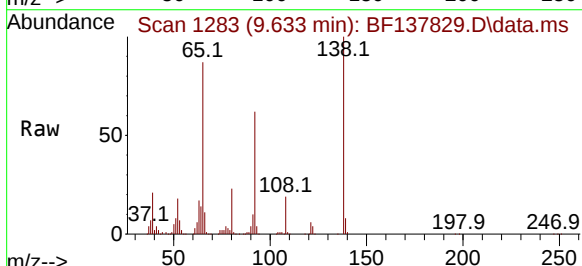
Tgt Ion: 65 Resp: 200572

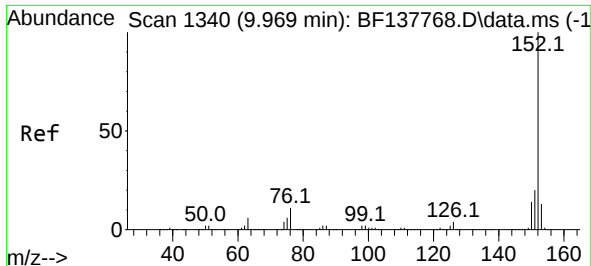
Ion Ratio Lower Upper

65 100

92 72.0 58.6 88.0

138 115.6 90.3 135.5





#49

Acenaphthylene

Concen: 44.620 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

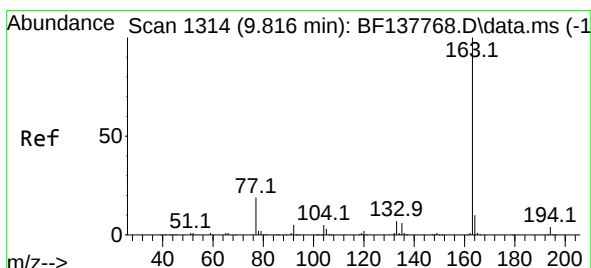
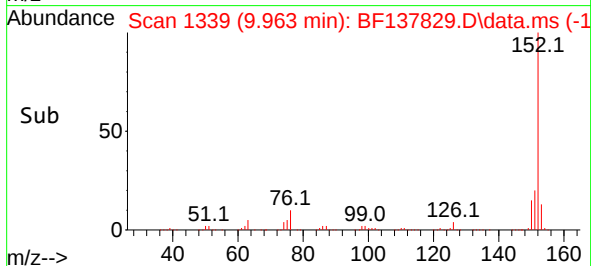
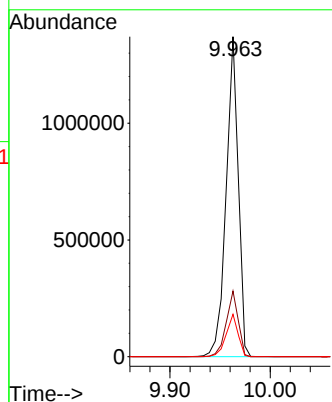
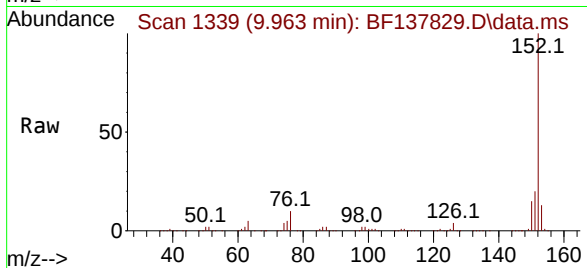
Tgt Ion:152 Resp: 1150055

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 42.600 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

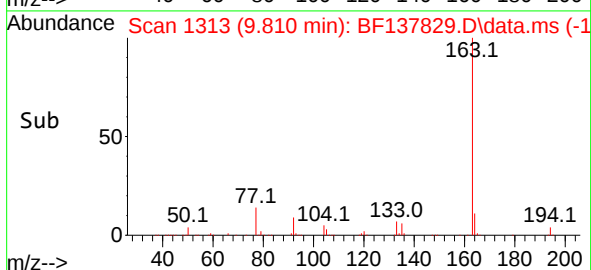
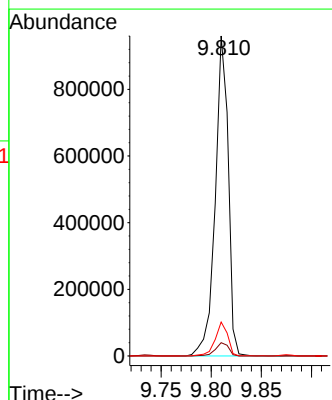
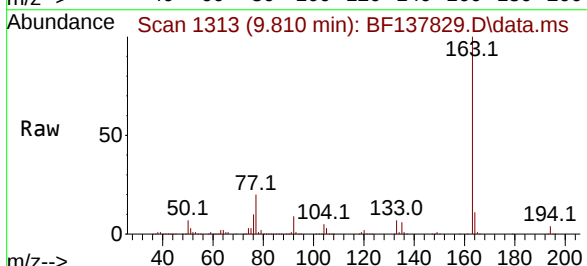
Tgt Ion:163 Resp: 864812

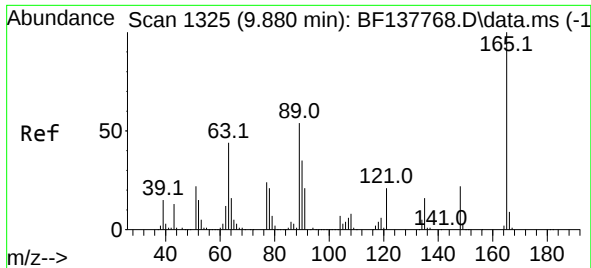
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.6 8.3 12.5

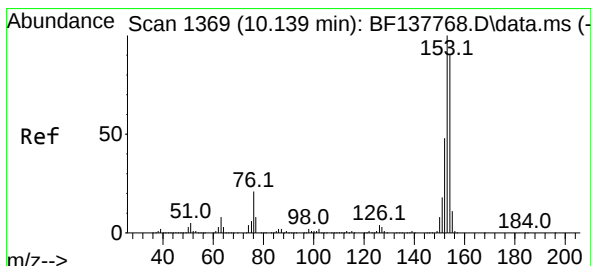
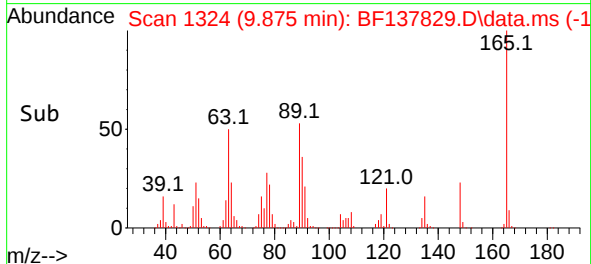
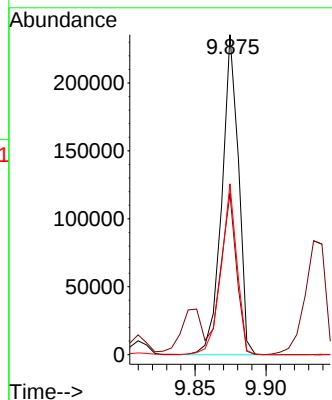
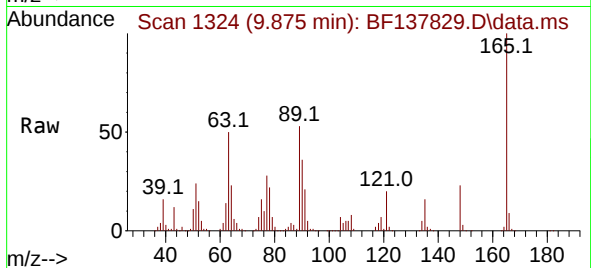




#51
2,6-Dinitrotoluene
Concen: 41.090 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

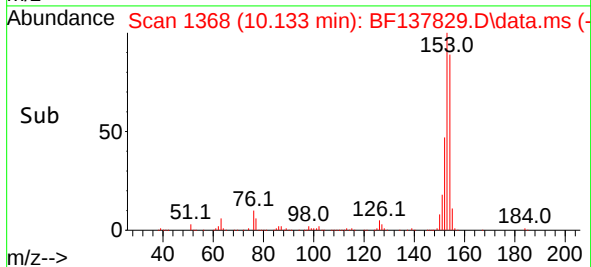
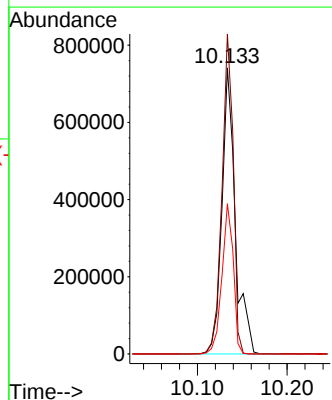
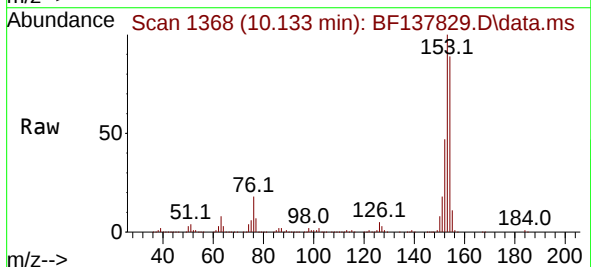
Instrument :
BNA_F
ClientSampleId :
PB160706BS

Tgt Ion:165 Resp: 190634
Ion Ratio Lower Upper
165 100
63 50.3 41.9 62.9
89 53.4 43.2 64.8



#52
Acenaphthene
Concen: 44.875 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:154 Resp: 766663
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 52.5 42.8 64.2

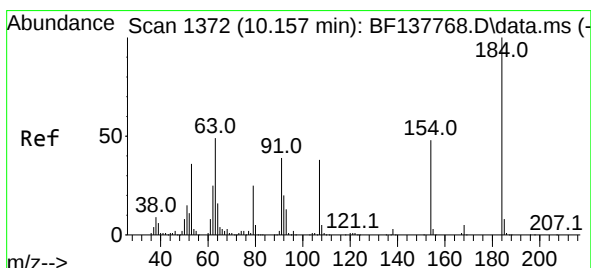
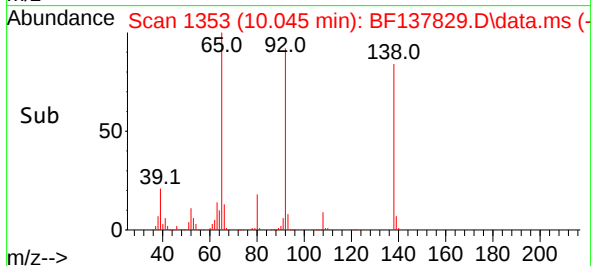
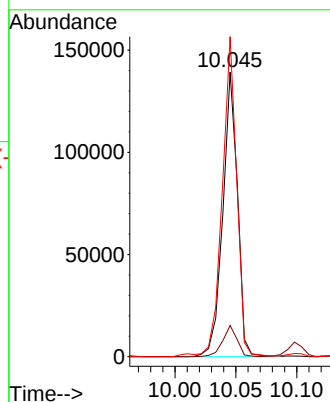
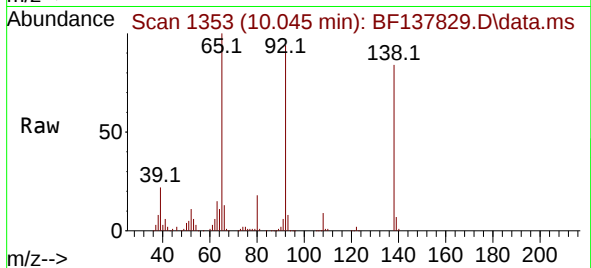




#53
3-Nitroaniline
Concen: 24.049 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

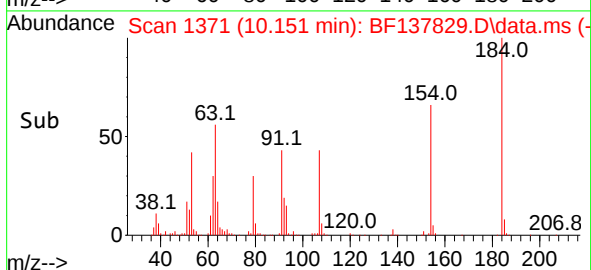
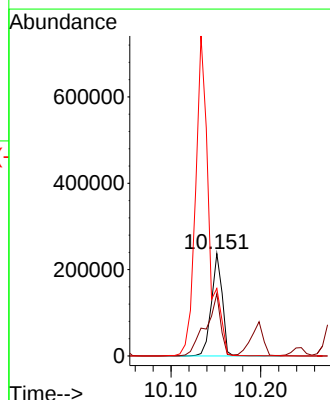
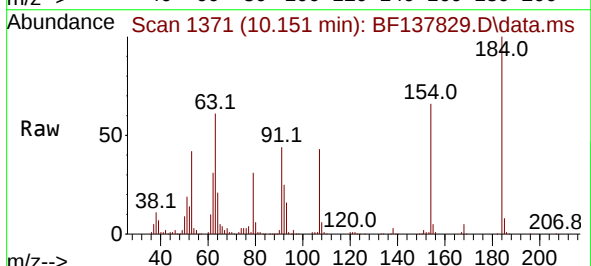
Instrument :
BNA_F
ClientSampleId :
PB160706BS

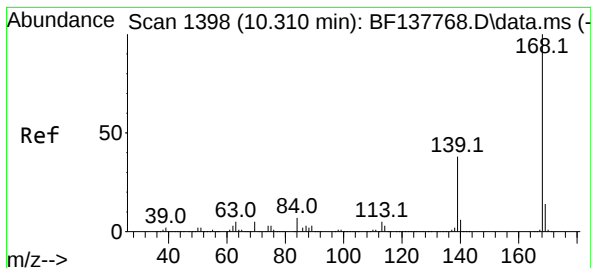
Tgt Ion:138 Resp: 116840
Ion Ratio Lower Upper
138 100
108 11.0 7.8 11.6
92 112.5 84.6 126.8



#54
2,4-Dinitrophenol
Concen: 87.396 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:184 Resp: 199230
Ion Ratio Lower Upper
184 100
63 60.7 40.3 60.5#
154 65.9 45.2 67.8





#55

Dibenzofuran

Concen: 41.638 ng

RT: 10.310 min Scan# 1398

Delta R.T. -0.000 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

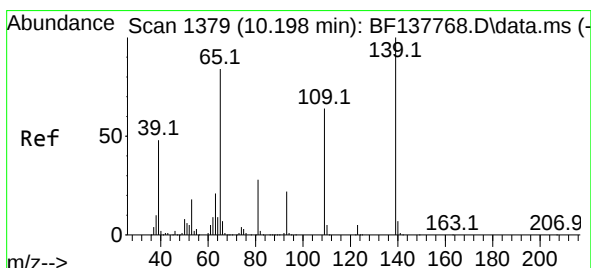
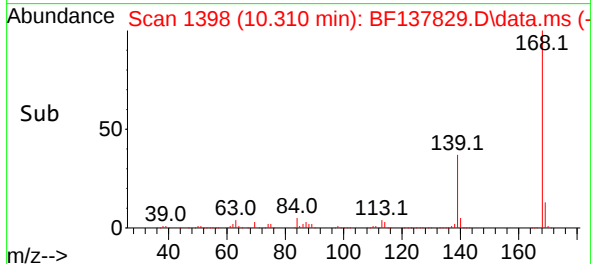
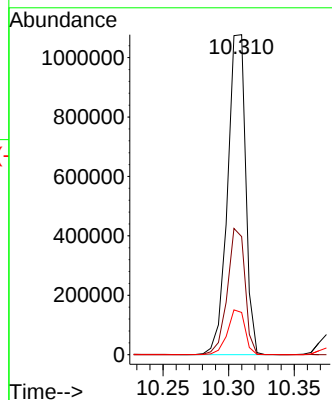
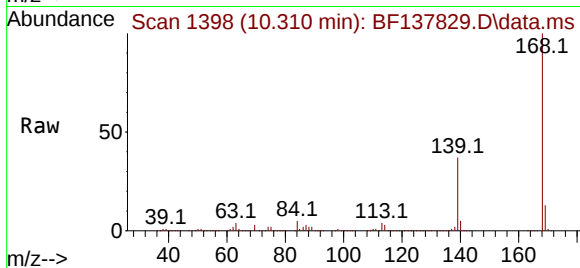
Tgt Ion:168 Resp: 1035204

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

169 13.2 11.4 17.0



#56

4-Nitrophenol

Concen: 74.251 ng

RT: 10.198 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

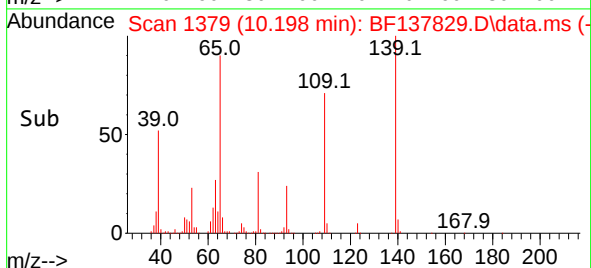
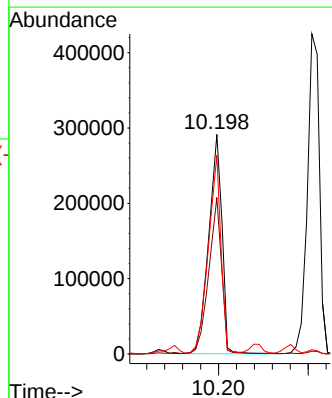
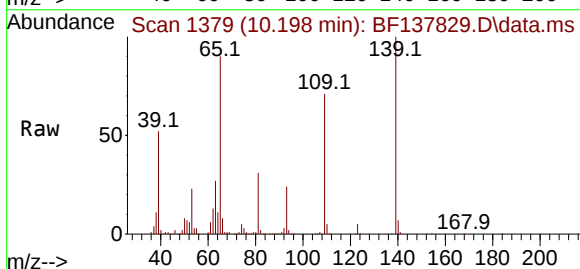
Tgt Ion:139 Resp: 298987

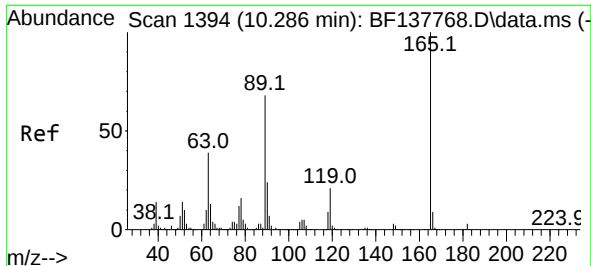
Ion Ratio Lower Upper

139 100

109 71.3 44.0 84.0

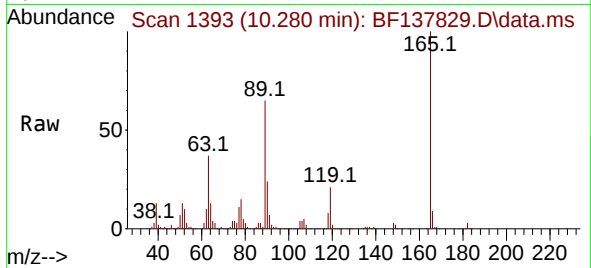
65 90.4 64.3 104.3



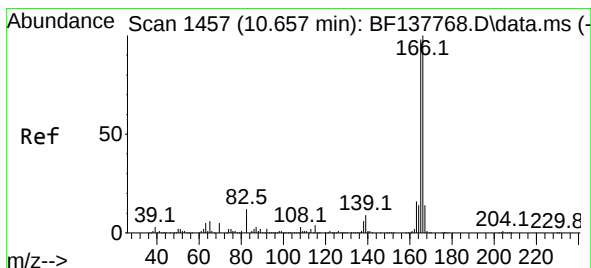
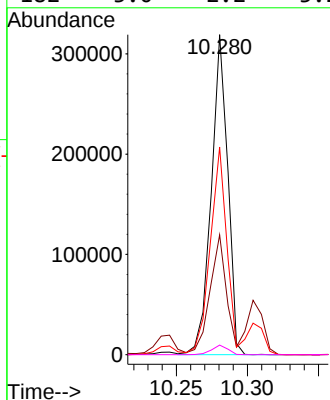
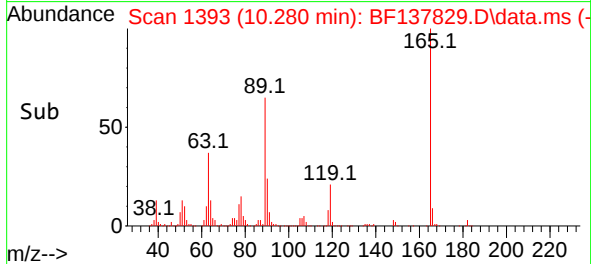


#57
2,4-Dinitrotoluene
Concen: 42.309 ng
RT: 10.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

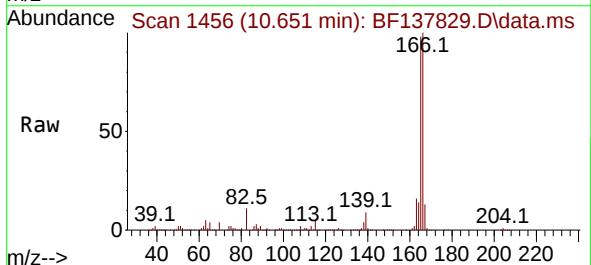
Instrument :
BNA_F
ClientSampleId :
PB160706BS



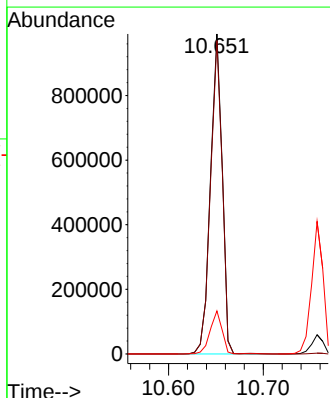
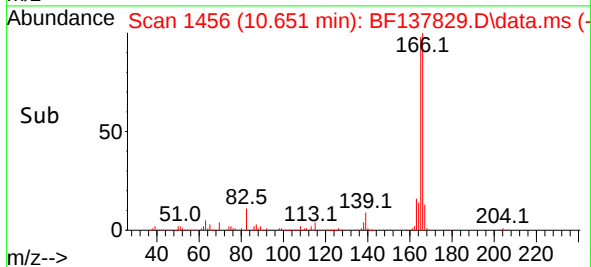
Tgt Ion:165 Resp: 256437
Ion Ratio Lower Upper
165 100
63 37.4 31.3 46.9
89 64.9 54.2 81.4
182 3.0 2.2 3.2

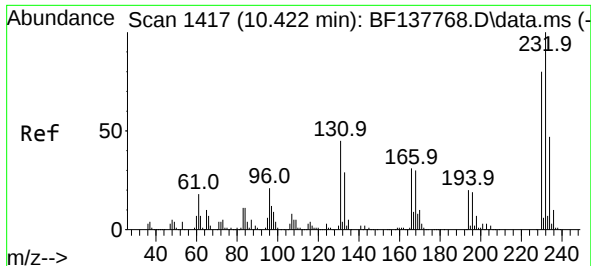


#58
Fluorene
Concen: 42.996 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04



Tgt Ion:166 Resp: 850737
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.171 ng

RT: 10.416 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion:232 Resp: 219177

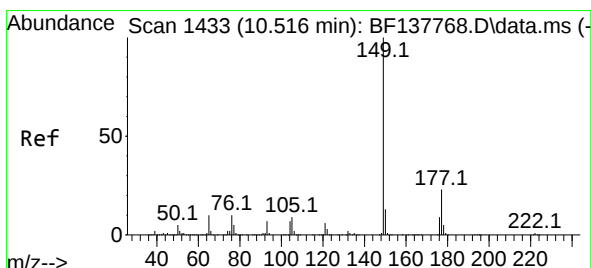
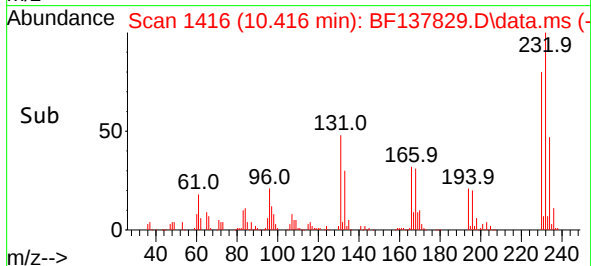
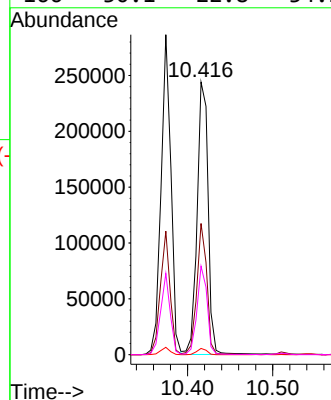
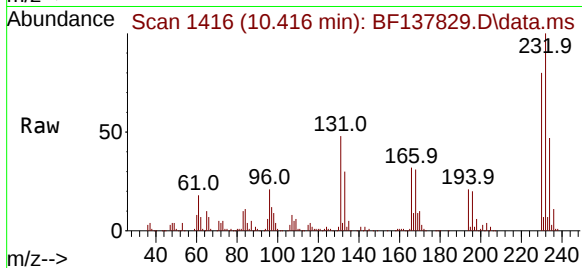
Ion Ratio Lower Upper

232 100

131 43.4 33.4 50.0

130 2.0 1.7 2.5

166 30.1 22.8 34.2



#60

Diethylphthalate

Concen: 42.266 ng

RT: 10.516 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

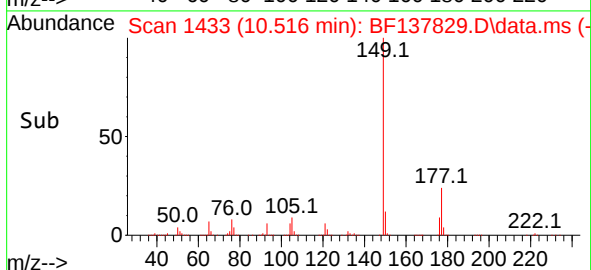
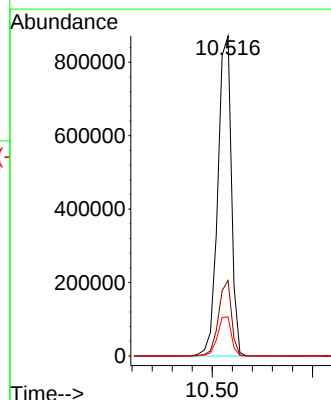
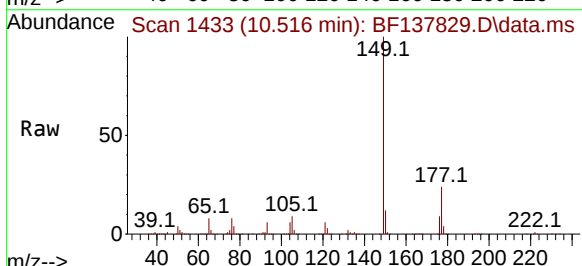
Tgt Ion:149 Resp: 814922

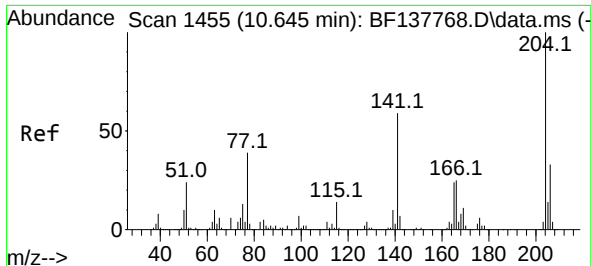
Ion Ratio Lower Upper

149 100

177 23.6 18.4 27.6

150 12.2 10.5 15.7

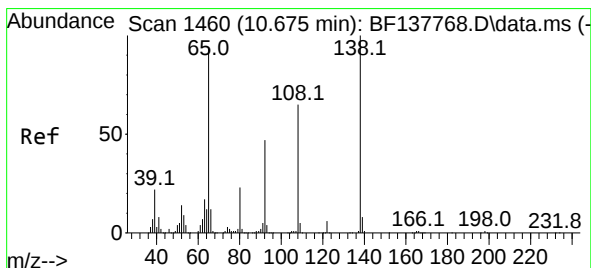
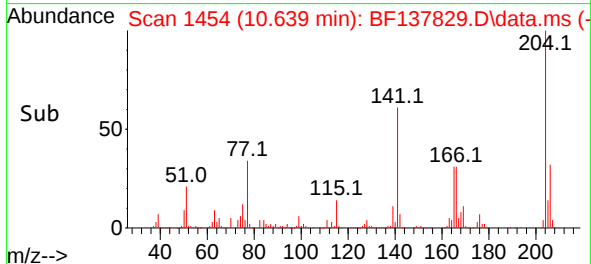
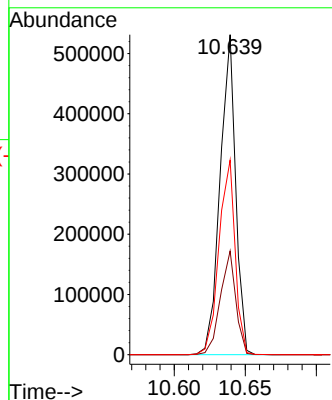
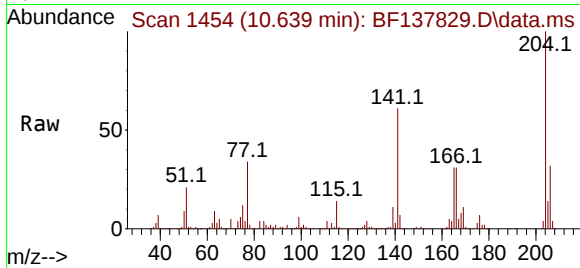




#61
4-Chlorophenyl-phenylether
Concen: 41.488 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

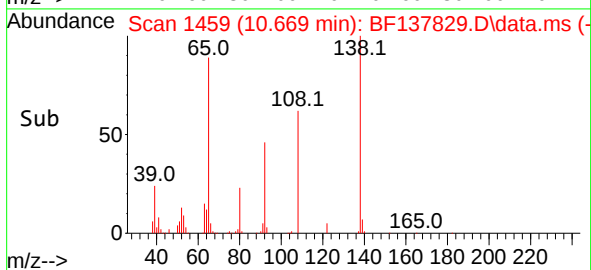
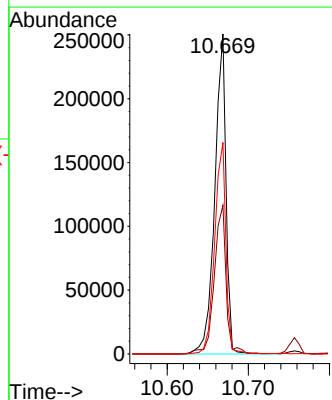
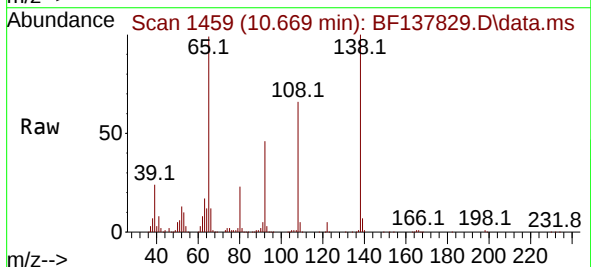
Instrument :
BNA_F
ClientSampleId :
PB160706BS

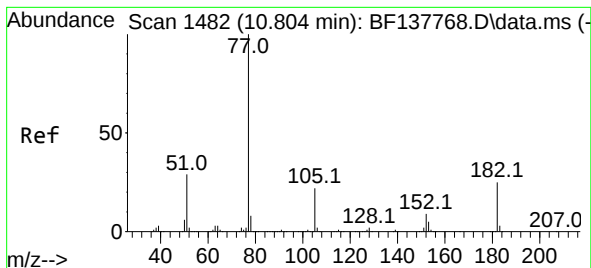
Tgt Ion:204 Resp: 404480
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 60.8 47.0 70.6



#62
4-Nitroaniline
Concen: 48.831 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:138 Resp: 240637
Ion Ratio Lower Upper
138 100
92 46.4 26.8 66.8
108 66.1 44.7 84.7





#63

Azobenzene

Concen: 56.863 ng

RT: 10.798 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

Tgt Ion: 77 Resp: 1059646

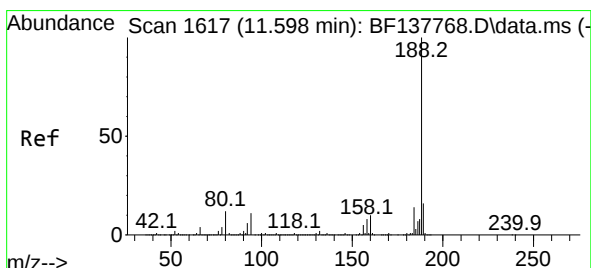
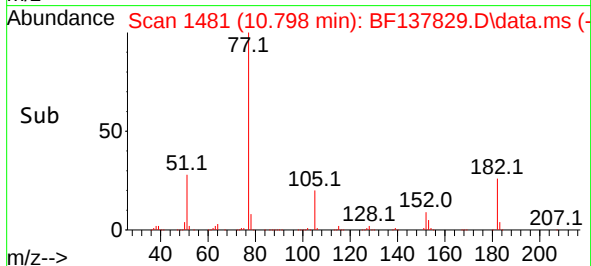
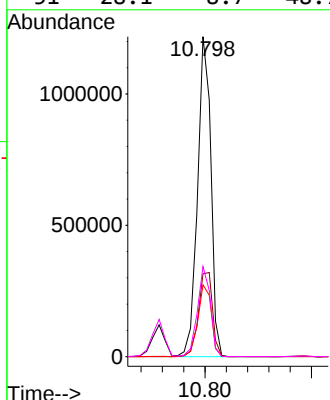
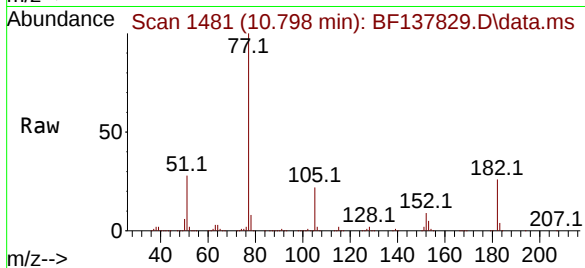
Ion Ratio Lower Upper

77 100

182 25.9 5.1 45.1

105 22.4 2.2 42.2

51 28.1 8.7 48.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

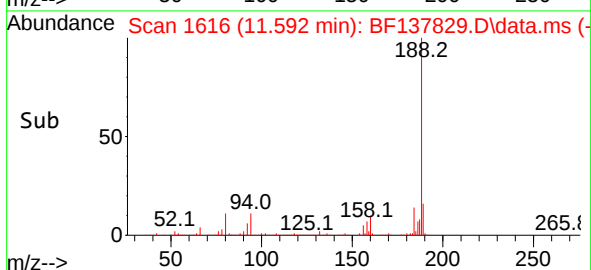
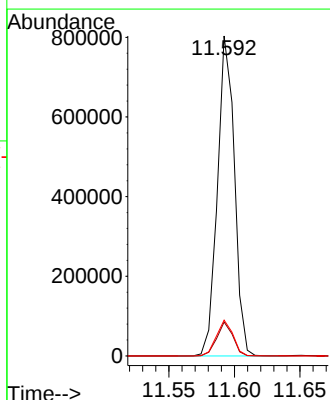
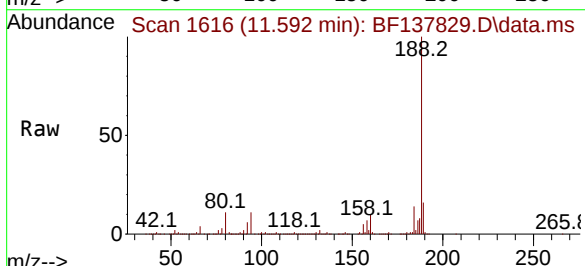
Tgt Ion:188 Resp: 721812

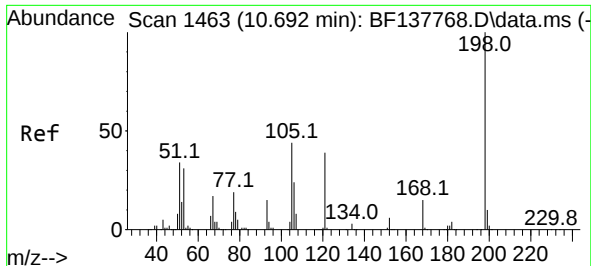
Ion Ratio Lower Upper

188 100

94 10.6 8.8 13.2

80 11.2 9.6 14.4

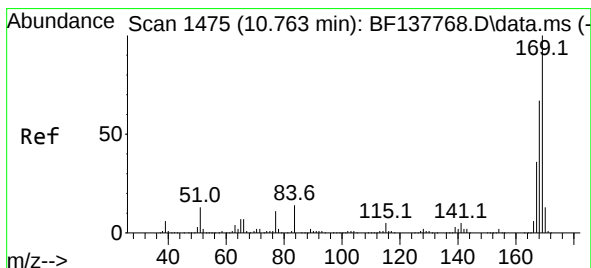
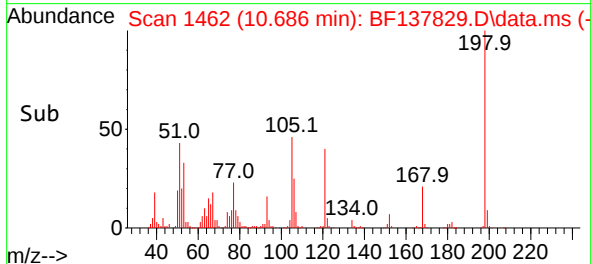
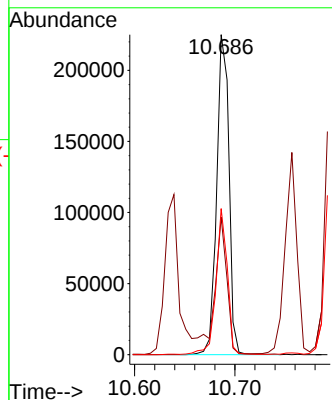
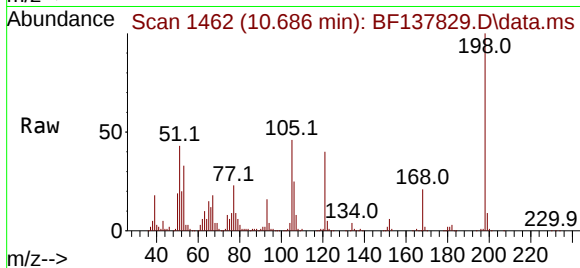




#65
4,6-Dinitro-2-methylphenol
Concen: 46.109 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

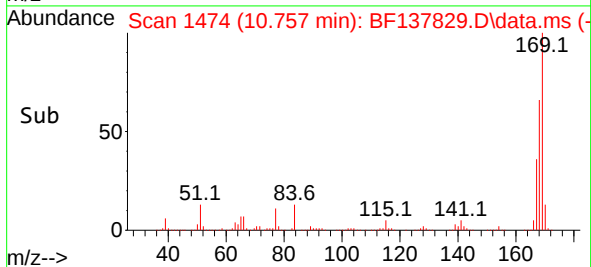
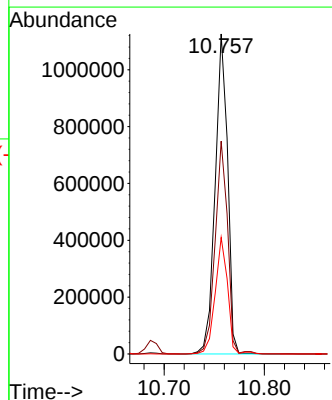
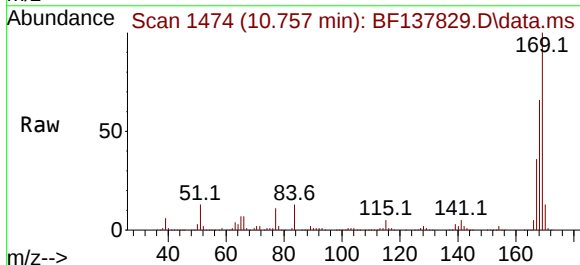
Instrument :
BNA_F
ClientSampleId :
PB160706BS

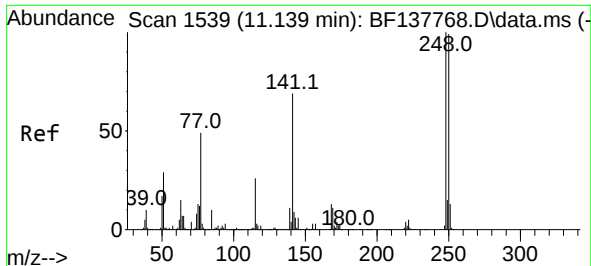
Tgt Ion:198 Resp: 191027
Ion Ratio Lower Upper
198 100
51 43.0 25.1 65.1
105 45.7 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 44.906 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:169 Resp: 970259
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.4 29.2 43.8

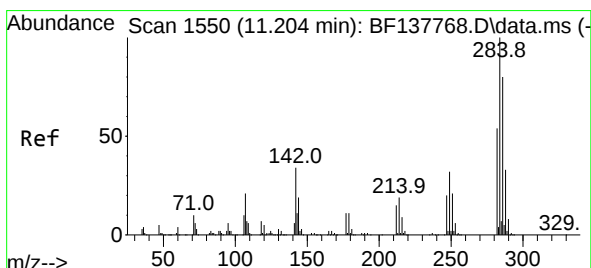
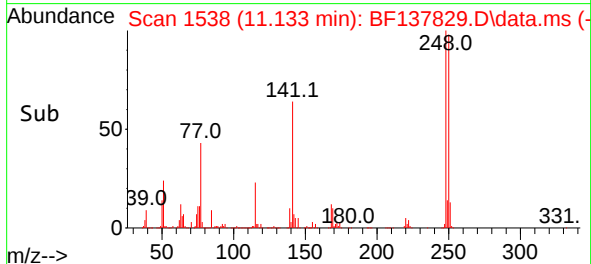
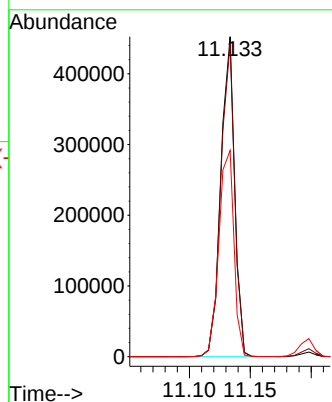
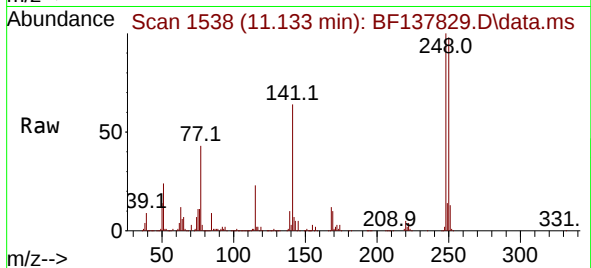




#67
4-Bromophenyl-phenylether
Concen: 46.473 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

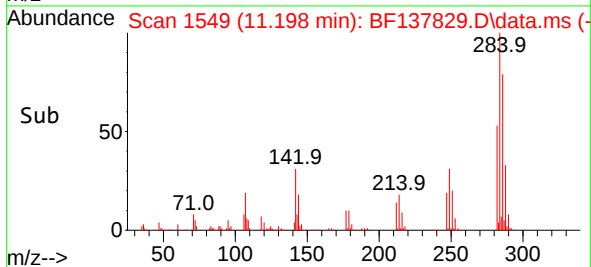
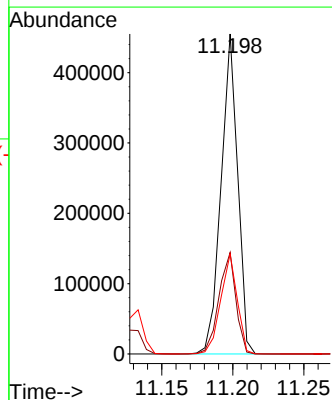
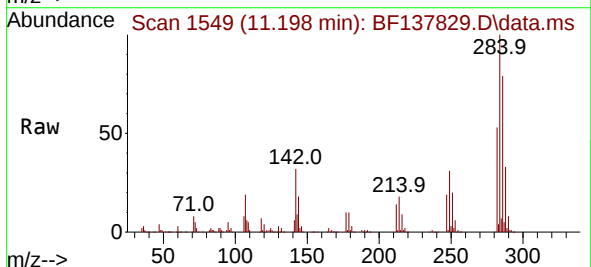
Instrument :
BNA_F
ClientSampleId :
PB160706BS

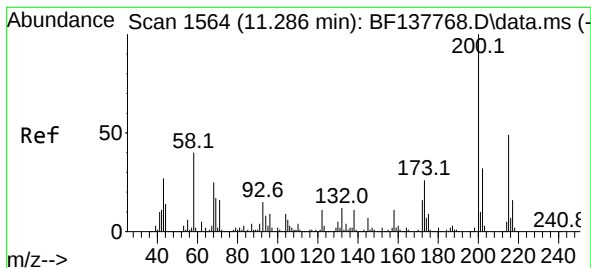
Tgt Ion:248 Resp: 359001
Ion Ratio Lower Upper
248 100
250 97.8 79.1 118.7
141 64.4 55.4 83.2



#68
Hexachlorobenzene
Concen: 43.728 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:284 Resp: 369143
Ion Ratio Lower Upper
284 100
142 31.7 27.3 40.9
249 31.3 25.6 38.4





#69

Atrazine

Concen: 49.486 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

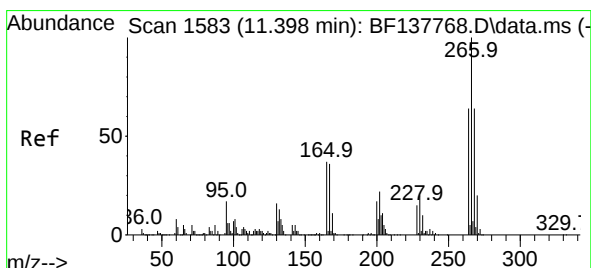
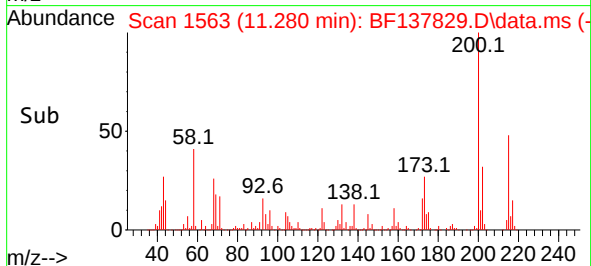
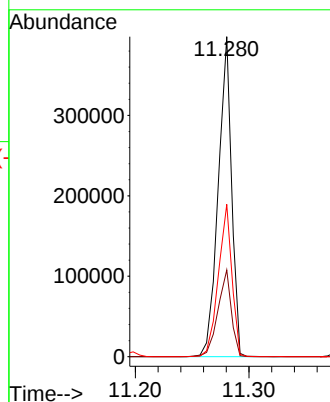
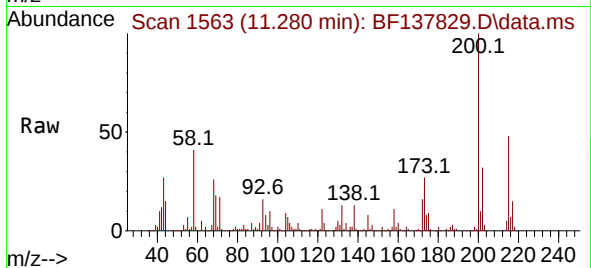
Tgt Ion:200 Resp: 326020

Ion Ratio Lower Upper

200 100

173 27.1 5.9 45.9

215 47.6 28.8 68.8



#70

Pentachlorophenol

Concen: 76.386 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

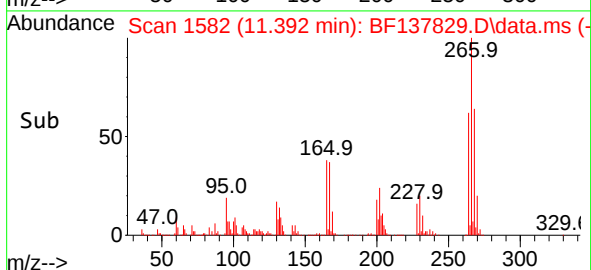
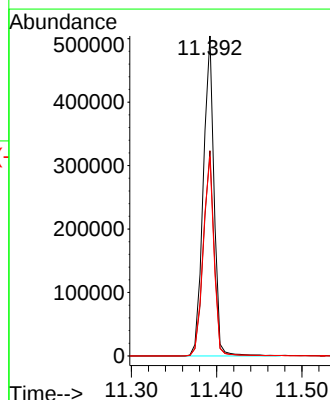
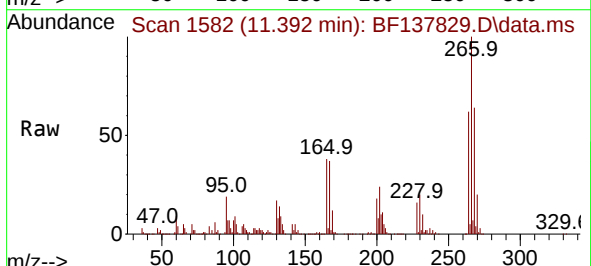
Tgt Ion:266 Resp: 442711

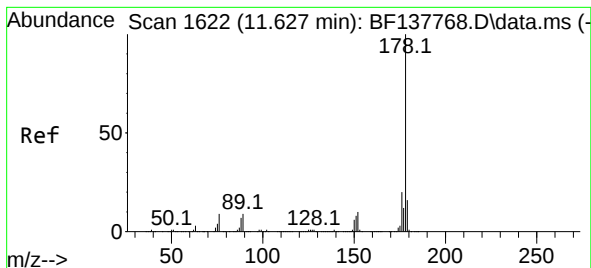
Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

264 62.3 51.0 76.4





#71

Phenanthrene

Concen: 43.546 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

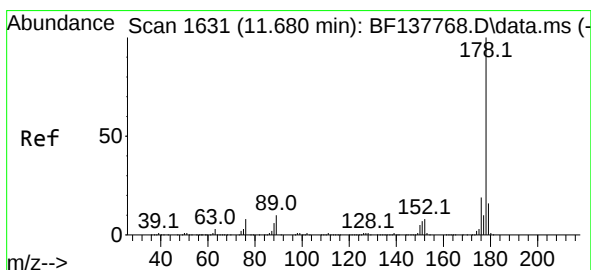
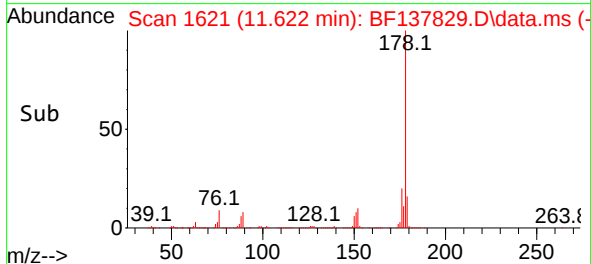
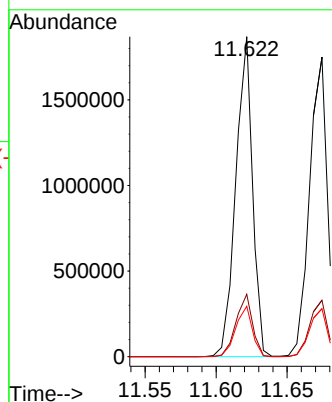
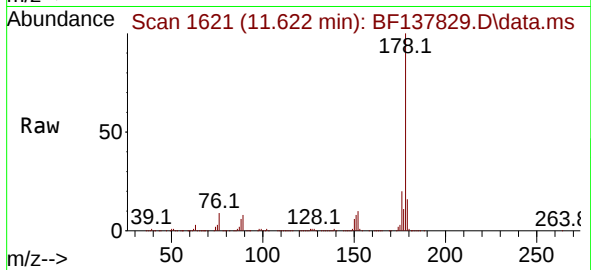
Tgt Ion:178 Resp: 1532042

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.7 12.5 18.7



#72

Anthracene

Concen: 43.528 ng

RT: 11.674 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

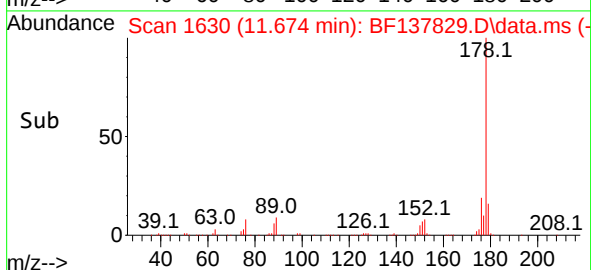
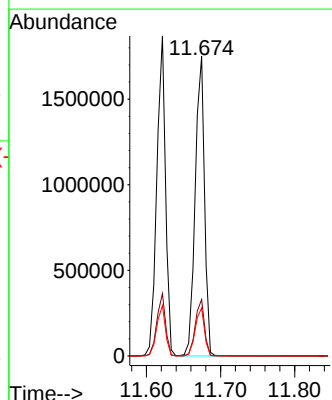
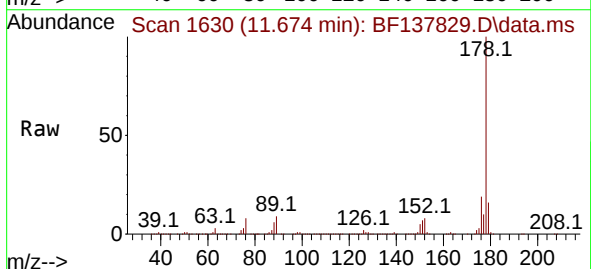
Tgt Ion:178 Resp: 1523735

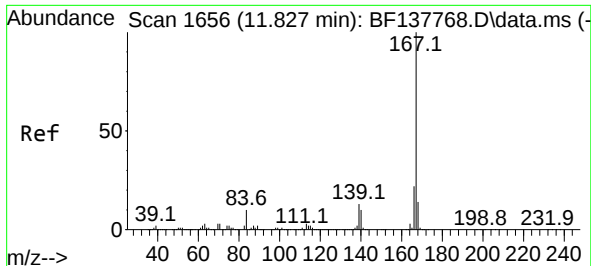
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

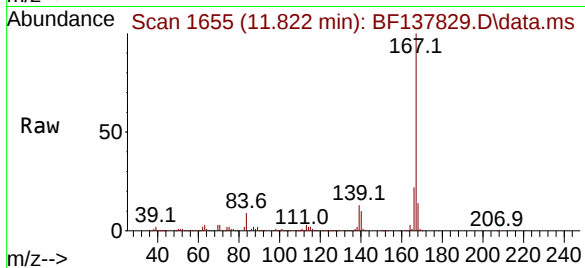
179 16.0 12.6 18.8





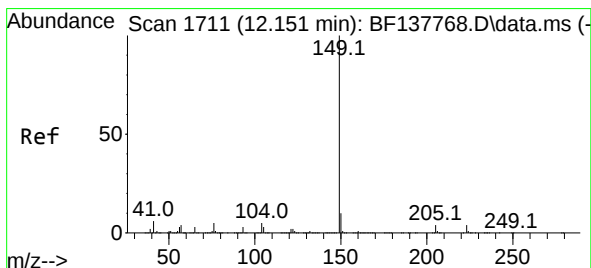
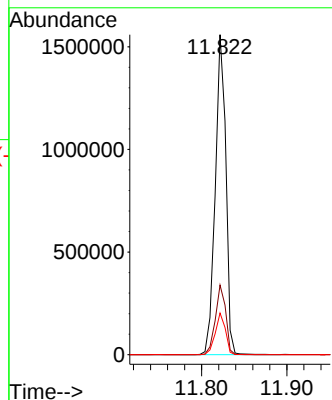
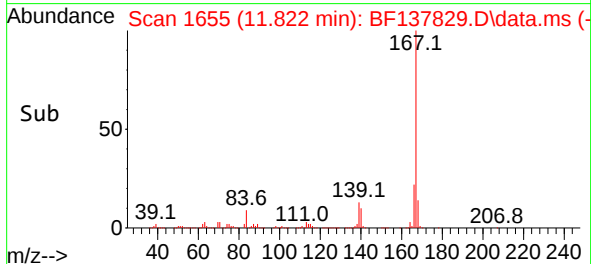
#73
 Carbazole
 Concen: 39.899 ng
 RT: 11.822 min Scan# 1709
 Delta R.T. -0.006 min
 Lab File: BF137829.D
 Acq: 03 May 2024 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB160706BS

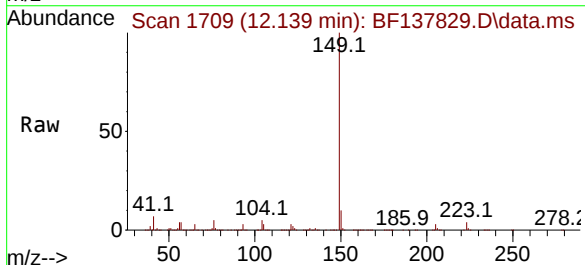


Tgt Ion:167 Resp: 1346071

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.0	10.5	15.7

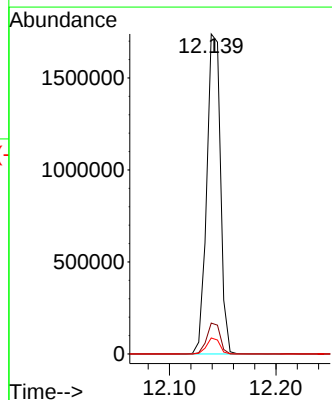
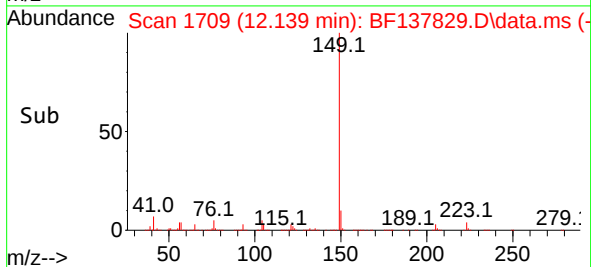


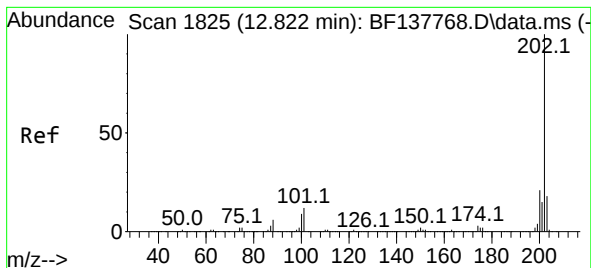
#74
 Di-n-butylphthalate
 Concen: 42.366 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137829.D
 Acq: 03 May 2024 15:04



Tgt Ion:149 Resp: 1559146

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.0	3.8	5.8





#75

Fluoranthene

Concen: 38.196 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

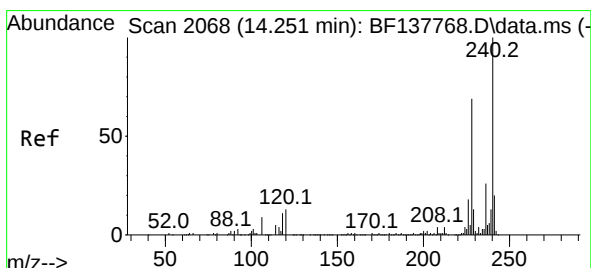
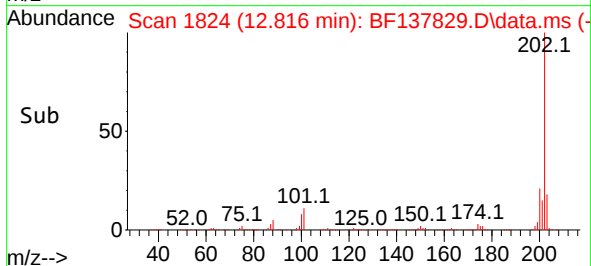
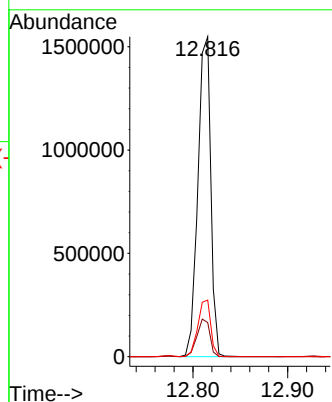
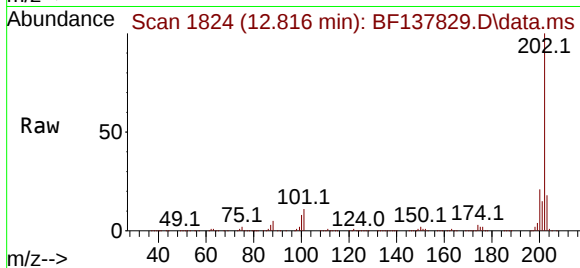
Tgt Ion:202 Resp: 1468970

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.8

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

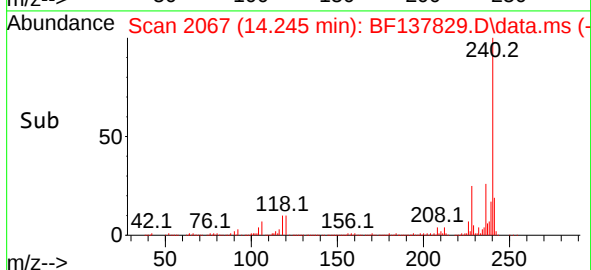
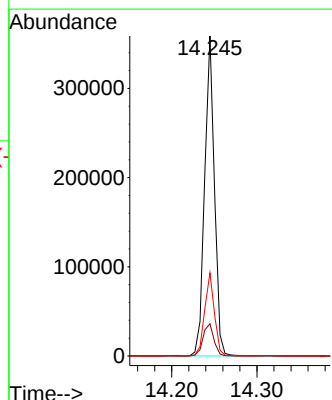
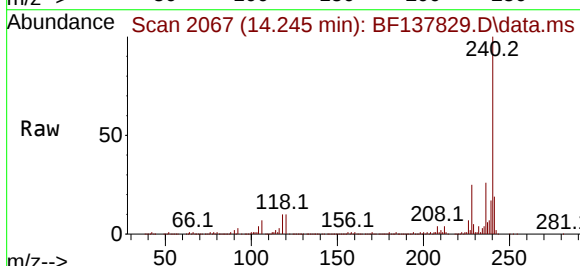
Tgt Ion:240 Resp: 286595

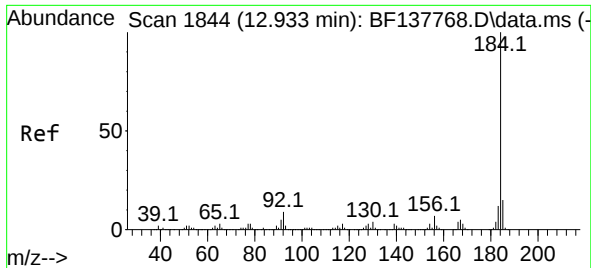
Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

236 26.0 20.4 30.6

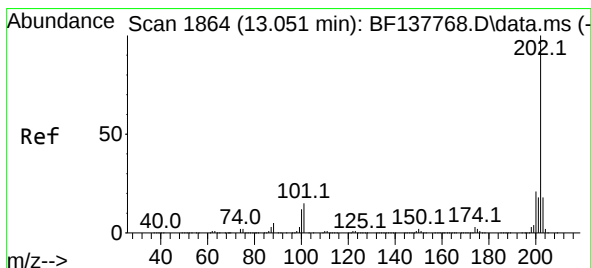
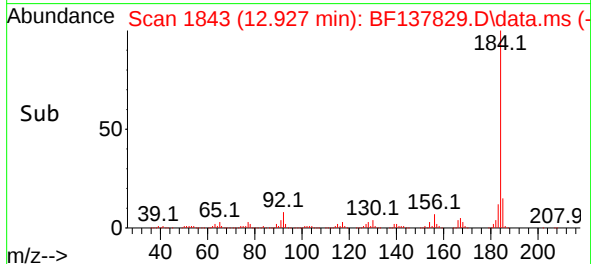
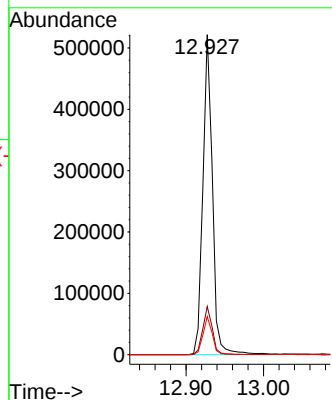
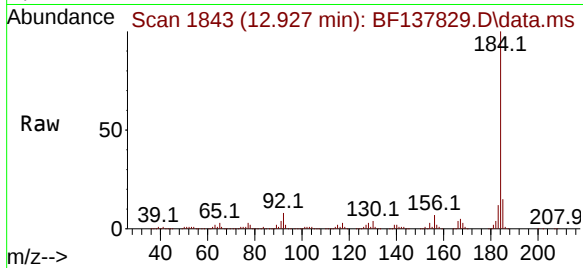




#77
Benzidine
Concen: 67.474 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

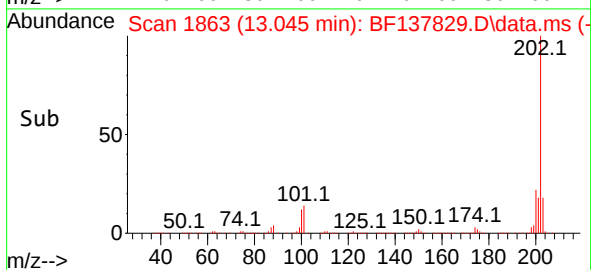
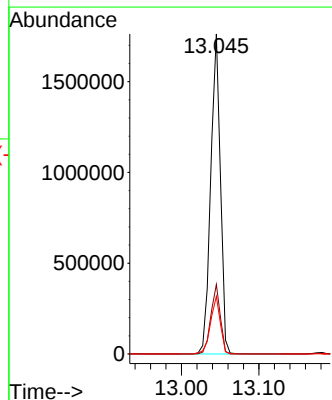
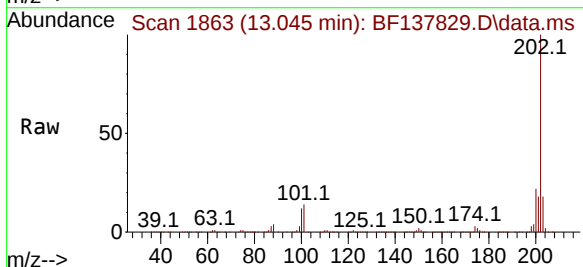
Instrument :
BNA_F
ClientSampleId :
PB160706BS

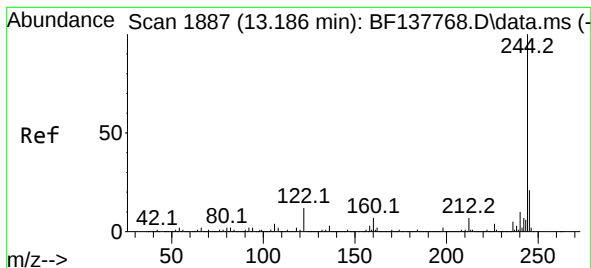
Tgt Ion:184 Resp: 447238
Ion Ratio Lower Upper
184 100
185 15.0 12.3 18.5
183 11.9 9.2 13.8



#78
Pyrene
Concen: 67.249 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:202 Resp: 1528143
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 125.636 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

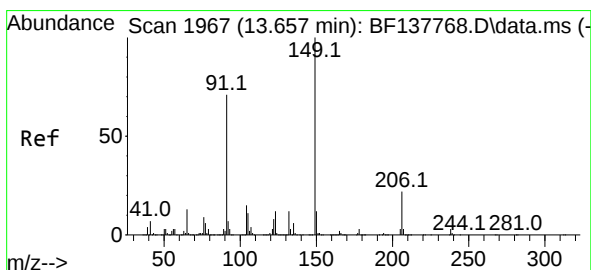
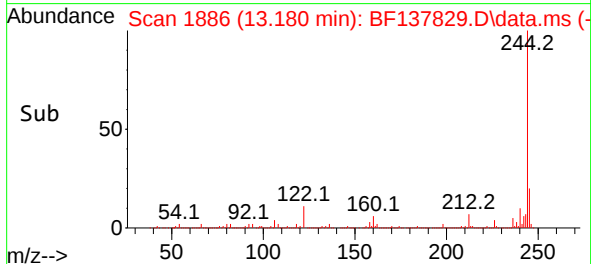
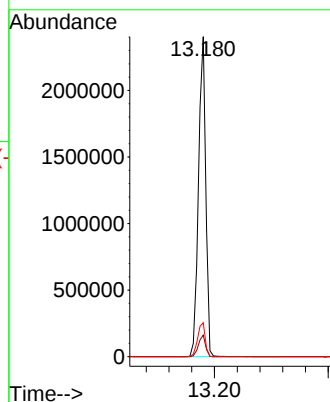
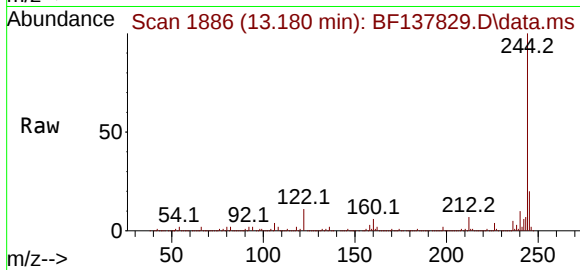
Tgt Ion:244 Resp: 2148553

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.6 9.4 14.2



#80

Butylbenzylphthalate

Concen: 71.730 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

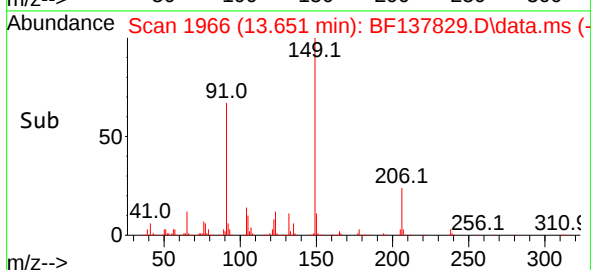
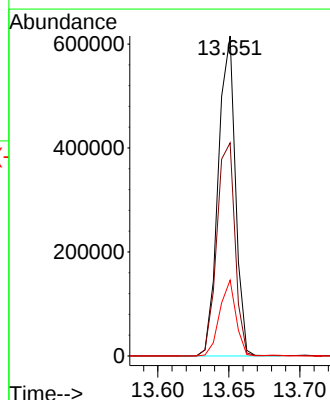
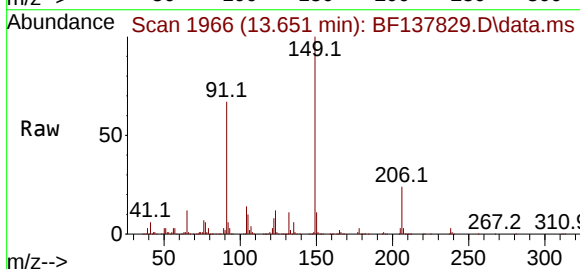
Tgt Ion:149 Resp: 517155

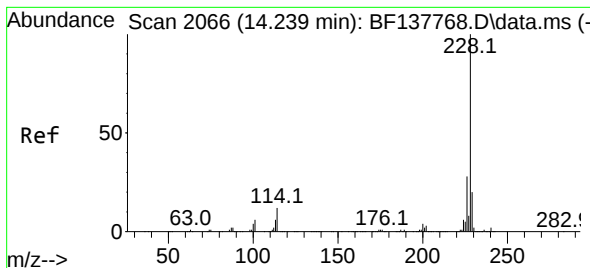
Ion Ratio Lower Upper

149 100

91 66.6 56.8 85.2

206 23.7 17.8 26.8





#81

Benzo(a)anthracene

Concen: 45.336 ng

RT: 14.233 min Scan# 2066

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

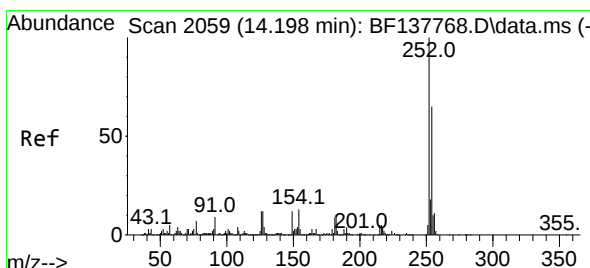
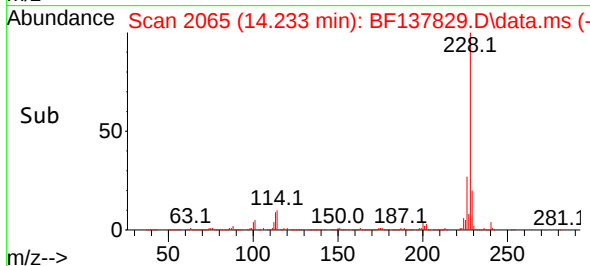
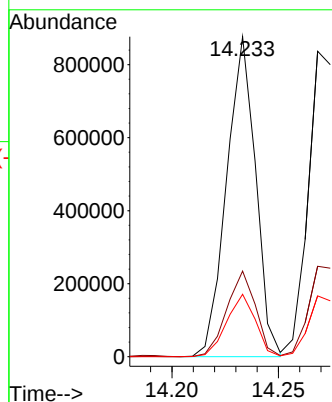
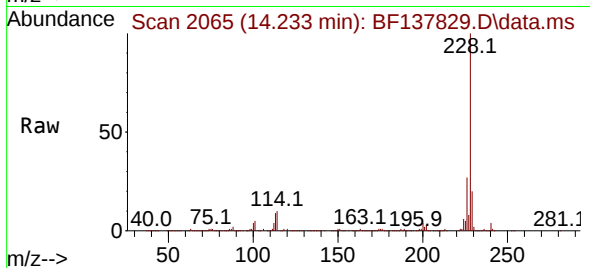
Tgt Ion:228 Resp: 831025

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

229 19.5 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 30.188 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

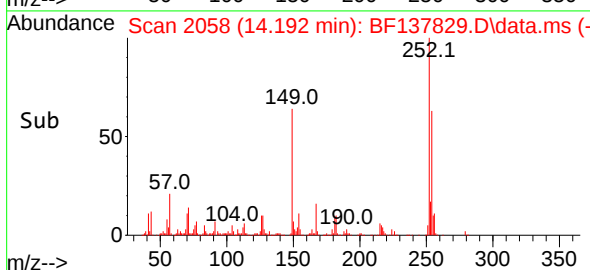
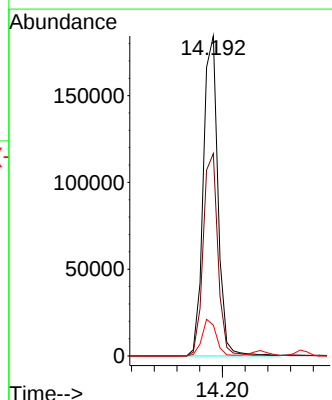
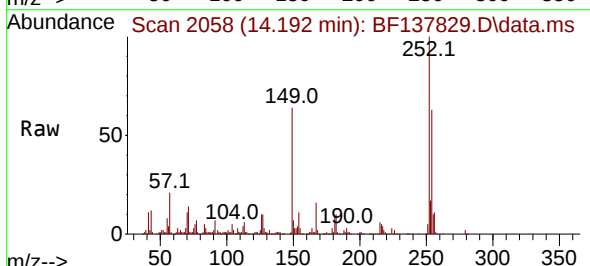
Tgt Ion:252 Resp: 165656

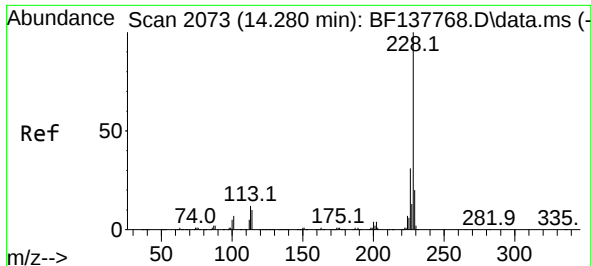
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

126 9.6 9.7 14.5#

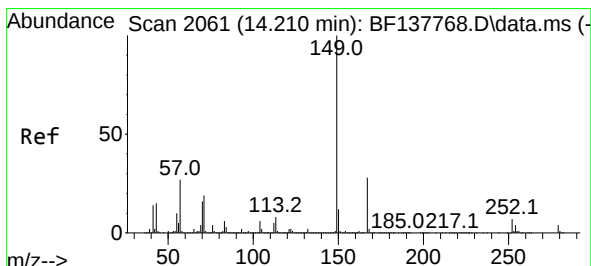
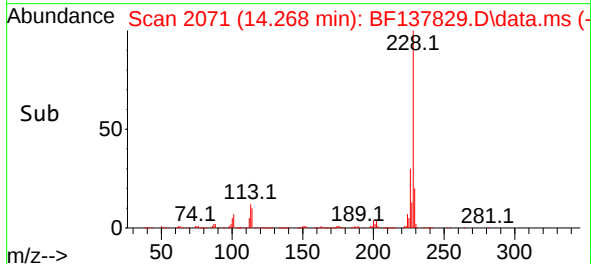
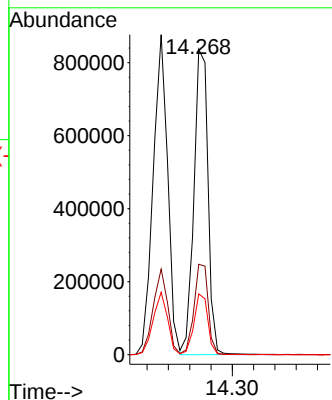
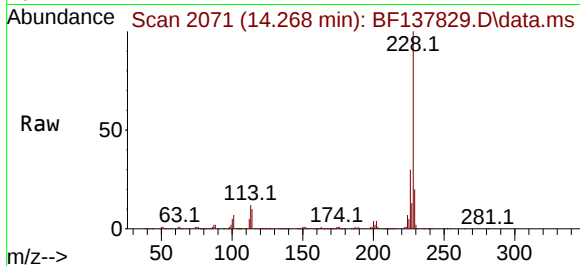




#83
Chrysene
Concen: 44.831 ng
RT: 14.268 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

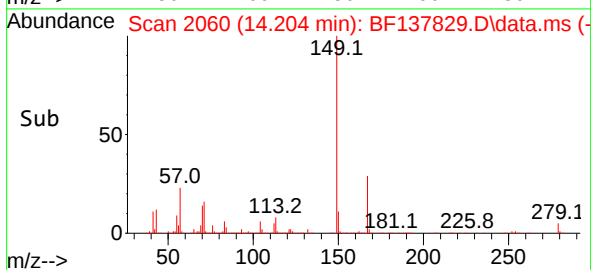
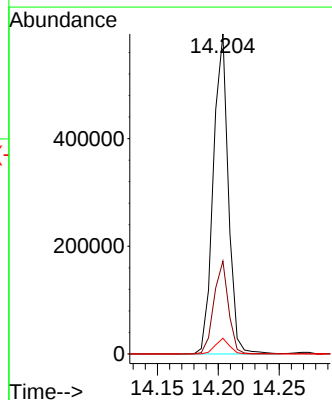
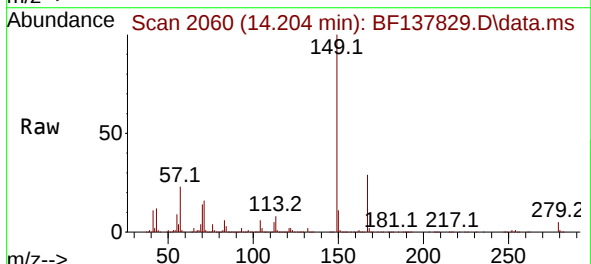
Instrument :
BNA_F
ClientSampleId :
PB160706BS

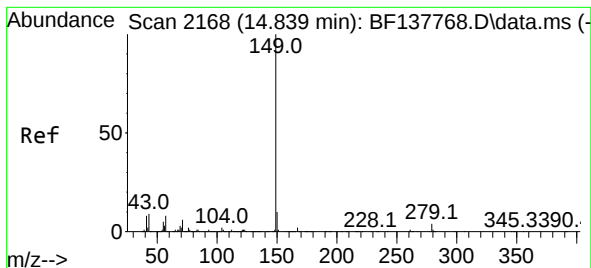
Tgt Ion:228 Resp: 769440
Ion Ratio Lower Upper
228 100
226 29.6 24.8 37.2
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.319 ng
RT: 14.204 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:149 Resp: 511732
Ion Ratio Lower Upper
149 100
167 29.0 22.4 33.6
279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 64.422 ng

RT: 14.833 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

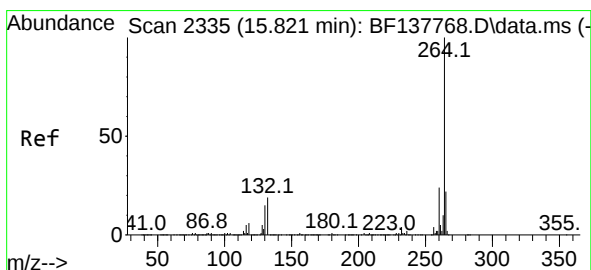
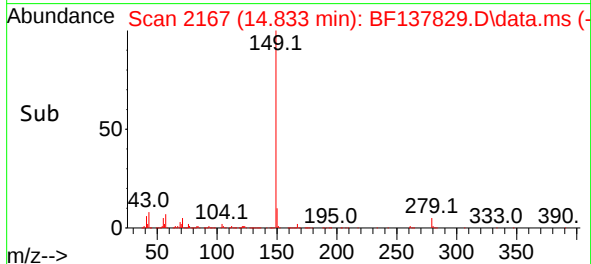
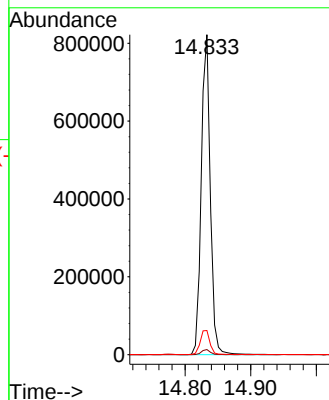
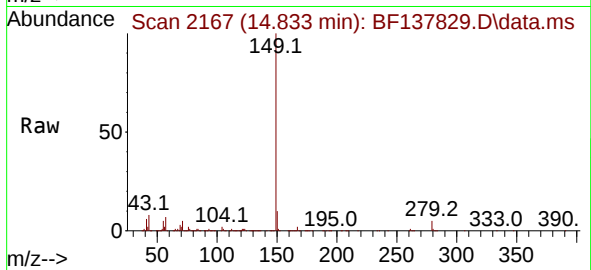
Tgt Ion:149 Resp: 787783

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

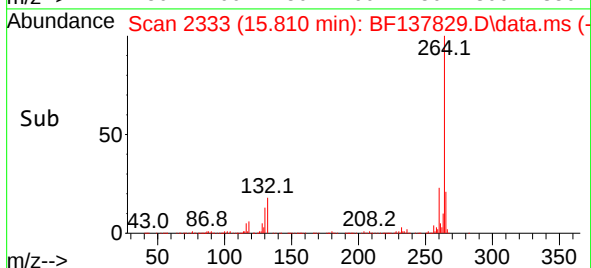
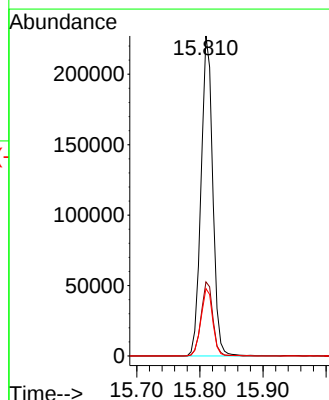
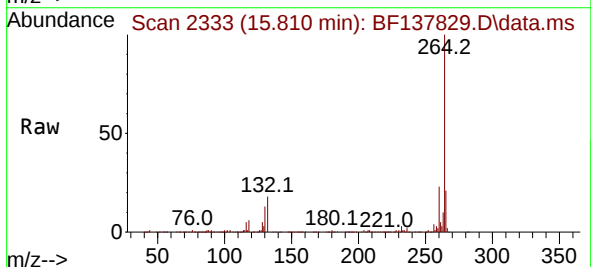
Tgt Ion:264 Resp: 292898

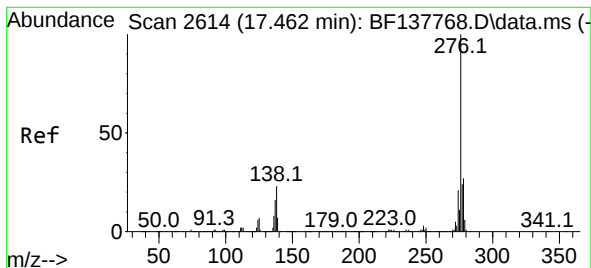
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.203 ng

RT: 17.451 min Scan# 2

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

Instrument :

BNA_F

ClientSampleId :

PB160706BS

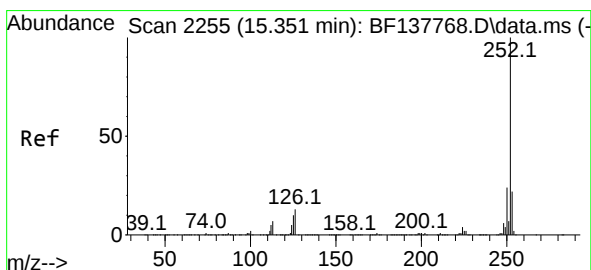
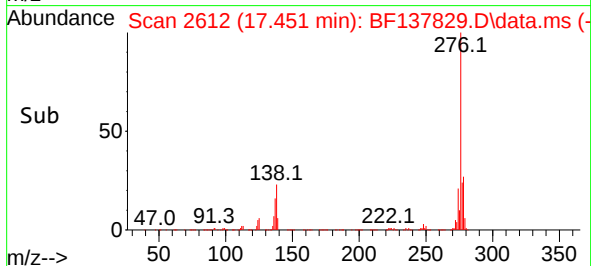
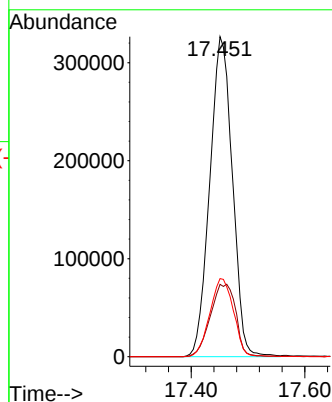
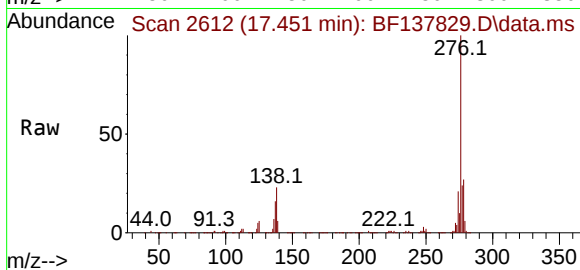
Tgt Ion:276 Resp: 902589

Ion Ratio Lower Upper

276 100

138 25.6 21.4 32.0

277 25.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.015 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137829.D

Acq: 03 May 2024 15:04

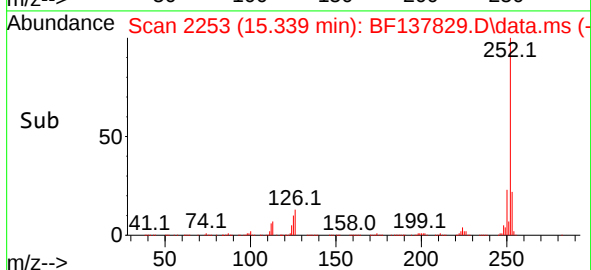
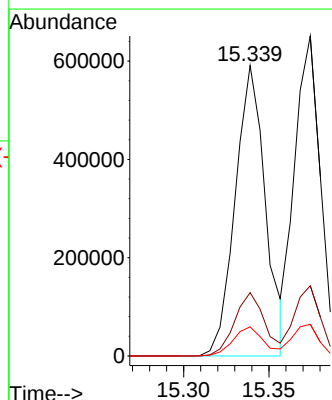
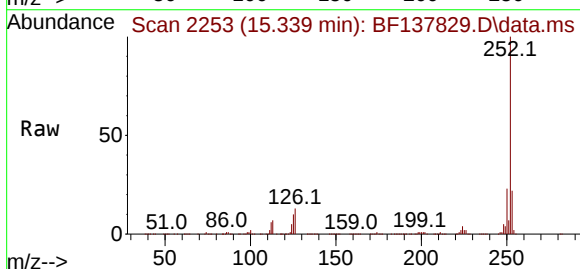
Tgt Ion:252 Resp: 729212

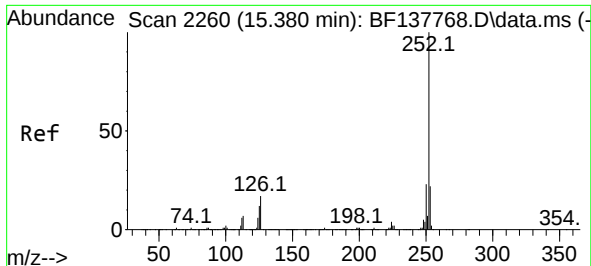
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.1 7.9 11.9

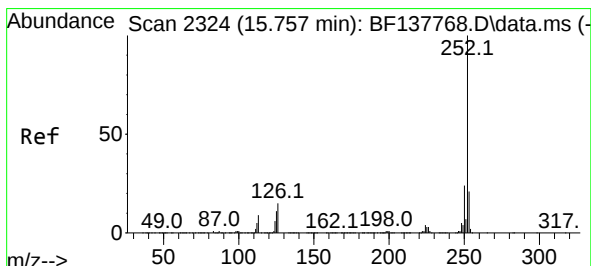
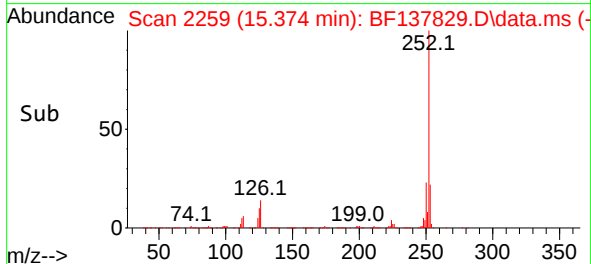
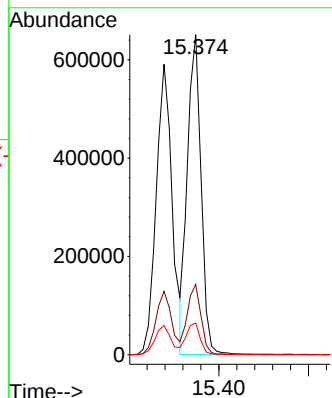
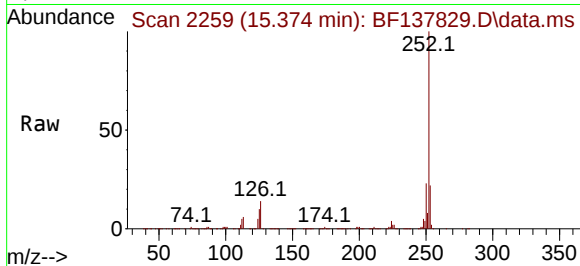




#89
Benzo(k)fluoranthene
Concen: 39.172 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

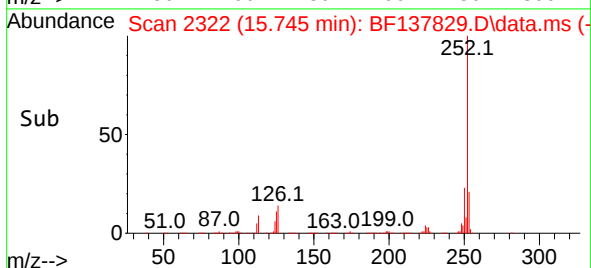
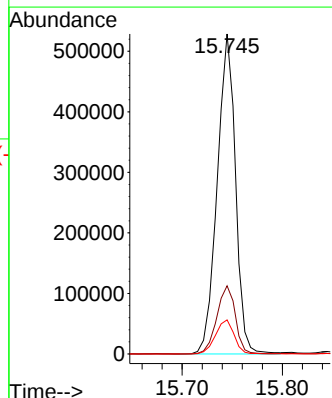
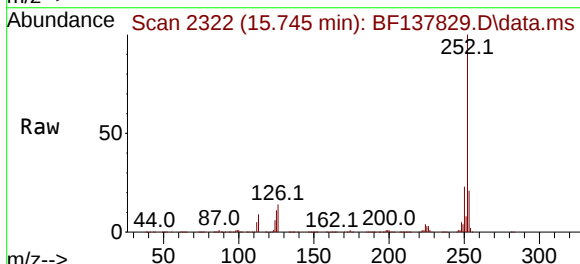
Instrument :
BNA_F
ClientSampleId :
PB160706BS

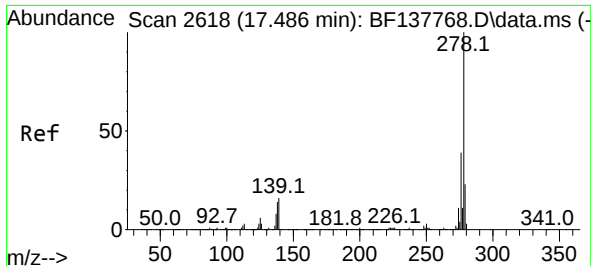
Tgt Ion:252 Resp: 689960
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 45.019 ng
RT: 15.745 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:252 Resp: 669300
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.7 9.0 13.6

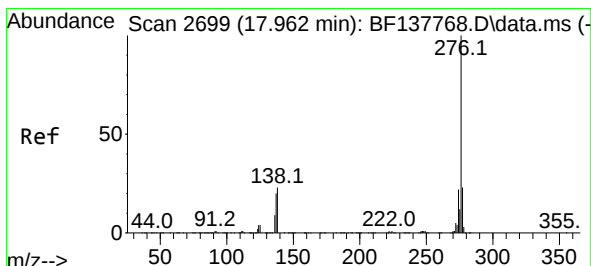
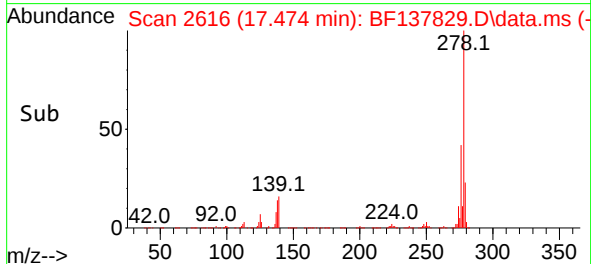
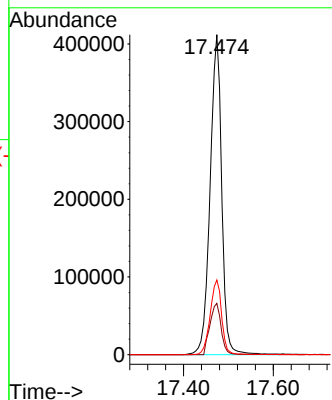
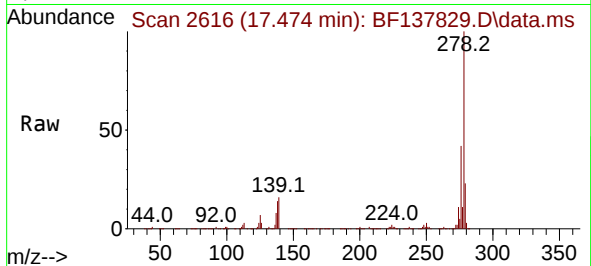




#91
Dibenzo(a,h)anthracene
Concen: 54.547 ng
RT: 17.474 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Instrument :
BNA_F
ClientSampleId :
PB160706BS

Tgt Ion:278 Resp: 739353
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.6
279 23.4 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 49.777 ng
RT: 17.956 min Scan# 2698
Delta R.T. -0.006 min
Lab File: BF137829.D
Acq: 03 May 2024 15:04

Tgt Ion:276 Resp: 707296
Ion Ratio Lower Upper
276 100
277 23.7 18.0 27.0
138 21.9 18.1 27.1

