

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137207.D
 Acq On : 31 Jan 2024 13:35
 Operator : CG\JU
 Sample : P1276-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38MSD

Quant Time: Feb 01 01:13:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	56165	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	216463	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	117098	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	208932	20.000	ng	0.00
76) Chrysene-d12	13.974	240	146850	20.000	ng	0.00
86) Perylene-d12	15.451	264	182128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	358631	105.363	ng	0.01
7) Phenol-d6	6.428	99	477911	98.386	ng	0.00
23) Nitrobenzene-d5	7.351	82	321352	66.466	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	133555	100.991	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	580634	68.163	ng	0.00
79) Terphenyl-d14	12.916	244	595003	55.082	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	63524	34.879	ng	97
3) Pyridine	3.363	79	145843	40.087	ng	99
4) n-Nitrosodimethylamine	3.328	42	79087	43.291	ng	96
6) Aniline	6.457	93	152720	29.370	ng	95
8) 2-Chlorophenol	6.575	128	162524	42.704	ng	99
9) Benzaldehyde	6.346	77	65460	35.386	ng	96
10) Phenol	6.440	94	219610	40.503	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	162723	44.908	ng	99
12) 1,3-Dichlorobenzene	6.734	146	182500	40.899	ng	98
13) 1,4-Dichlorobenzene	6.810	146	191330	41.460	ng	99
14) 1,2-Dichlorobenzene	6.957	146	177025	41.027	ng	98
15) Benzyl Alcohol	6.934	79	160949	46.638	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	258088	39.540	ng	99
17) 2-Methylphenol	7.045	107	138325	43.505	ng	98
18) Hexachloroethane	7.298	117	68747	41.305	ng	93
19) n-Nitroso-di-n-propyla...	7.204	70	136645	41.028	ng	98
20) 3+4-Methylphenols	7.198	107	171537	42.617	ng	94
22) Acetophenone	7.198	105	247648	42.496	ng	94
24) Nitrobenzene	7.375	77	198767	42.357	ng	94
25) Isophorone	7.610	82	363278	40.707	ng	99
26) 2-Nitrophenol	7.687	139	82945	45.775	ng	93
27) 2,4-Dimethylphenol	7.728	122	112789	44.218	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	208084	43.908	ng	98
29) 2,4-Dichlorophenol	7.928	162	138574	43.792	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	164228	41.782	ng	99
31) Naphthalene	8.092	128	482052	41.193	ng	100
32) Benzoic acid	7.845	122	69436	40.434	ng	94
33) 4-Chloroaniline	8.140	127	58120	14.439	ng	98
34) Hexachlorobutadiene	8.210	225	111658	42.723	ng	96
35) Caprolactam	8.504	113	23942	24.333	ng	99
36) 4-Chloro-3-methylphenol	8.622	107	154960	41.461	ng	99
37) 2-Methylnaphthalene	8.781	142	316422	40.332	ng	99
38) 1-Methylnaphthalene	8.881	142	303357	41.631	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	173772	44.350	ng	99
41) Hexachlorocyclopentadiene	8.939	237	206380	110.589	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	100075	45.030	ng	99

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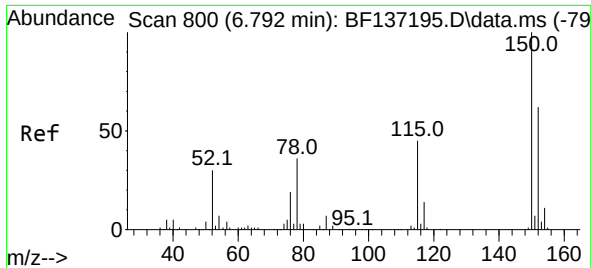
Quant Time: Feb 01 01:13:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	110168	45.351	ng	97
46) 1,1'-Biphenyl	9.251	154	408543	43.851	ng	97
47) 2-Chloronaphthalene	9.275	162	301047	43.662	ng	99
48) 2-Nitroaniline	9.369	65	103115	46.207	ng	94
49) Acenaphthylene	9.686	152	474860	43.020	ng	99
50) Dimethylphthalate	9.557	163	346750	43.832	ng	99
51) 2,6-Dinitrotoluene	9.616	165	75490	44.751	ng	91
52) Acenaphthene	9.863	154	286050	44.094	ng	99
53) 3-Nitroaniline	9.781	138	35786	23.573	ng	98
54) 2,4-Dinitrophenol	9.886	184	65893	86.626	ng	96
55) Dibenzofuran	10.034	168	438150	42.452	ng	99
56) 4-Nitrophenol	9.945	139	93823	82.268	ng	94
57) 2,4-Dinitrotoluene	10.016	165	99567	45.489	ng	95
58) Fluorene	10.381	166	335953	41.520	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	97116	42.966	ng	93
60) Diethylphthalate	10.257	149	339944	43.643	ng	98
61) 4-Chlorophenyl-phenylether	10.375	204	168041	41.782	ng	99
62) 4-Nitroaniline	10.404	138	62611	43.089	ng	99
63) Azobenzene	10.534	77	359356	41.657	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	49475	45.078	ng	91
66) n-Nitrosodiphenylamine	10.492	169	288915	45.479	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	107333	46.720	ng	92
68) Hexachlorobenzene	10.922	284	112528	43.852	ng	96
69) Atrazine	11.028	200	96292	45.916	ng	96
70) Pentachlorophenol	11.122	266	132490	90.067	ng	98
71) Phenanthrene	11.345	178	474575	43.388	ng	99
72) Anthracene	11.392	178	483776	42.435	ng	99
73) Carbazole	11.551	167	403512	42.351	ng	98
74) Di-n-butylphthalate	11.892	149	493080	47.876	ng	99
75) Fluoranthene	12.533	202	483728	42.264	ng	99
77) Benzidine	12.669	184	142368	54.141	ng	99
78) Pyrene	12.763	202	496714	35.197	ng	99
80) Butylbenzylphthalate	13.398	149	187359	51.899	ng	96
81) Benzo(a)anthracene	13.963	228	462902	44.510	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	97389	34.371	ng	# 99
83) Chrysene	13.998	228	443254	43.352	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	264715	63.027	ng	99
85) Di-n-octyl phthalate	14.586	149	480688	71.979	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	551793	43.124	ng	100
88) Benzo(b)fluoranthene	15.021	252	473157	42.244	ng	100
89) Benzo(k)fluoranthene	15.051	252	468531	39.542	ng	98
90) Benzo(a)pyrene	15.392	252	439086	41.657	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	452510	44.136	ng	99
92) Benzo(g,h,i)perylene	17.410	276	419854	41.723	ng	100

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

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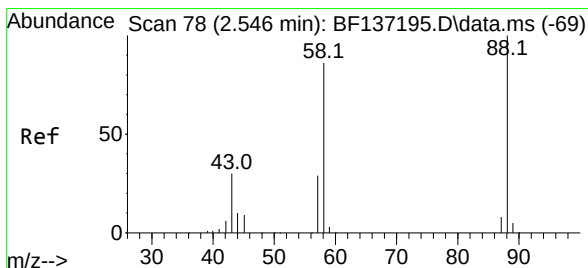
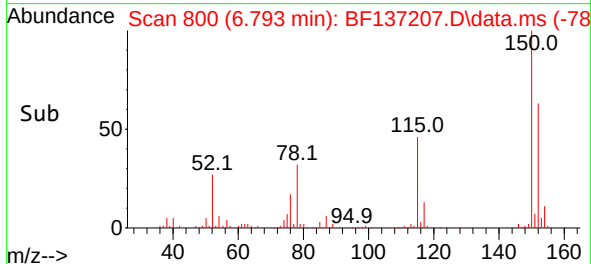
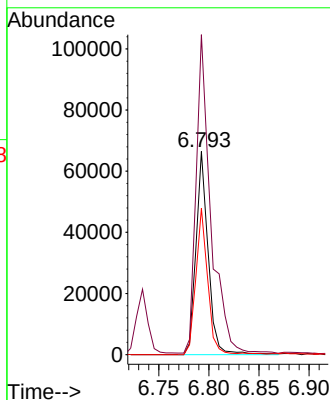
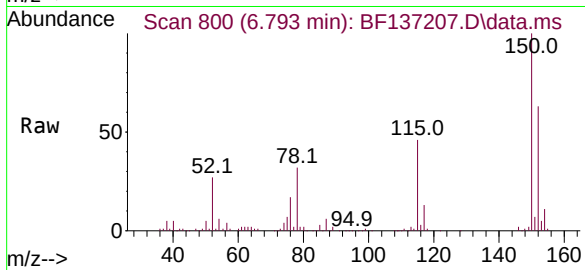




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137207.D
 Acq: 31 Jan 2024 13:35

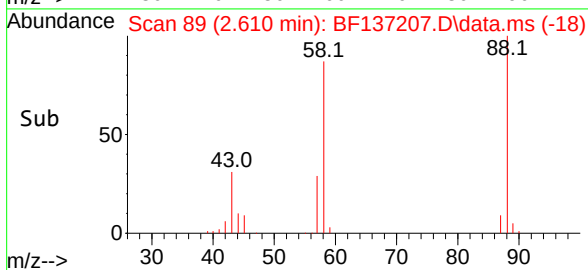
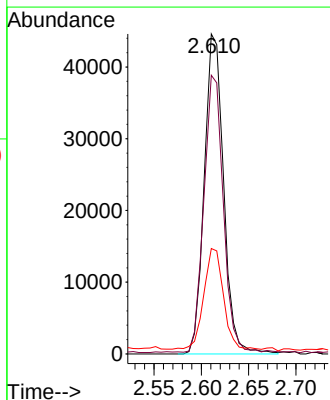
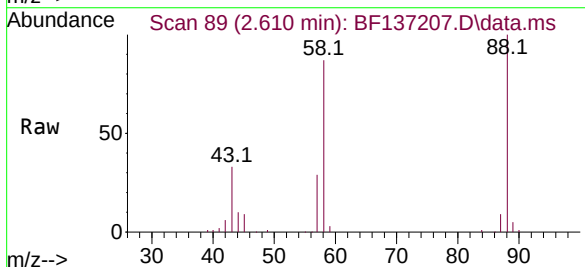
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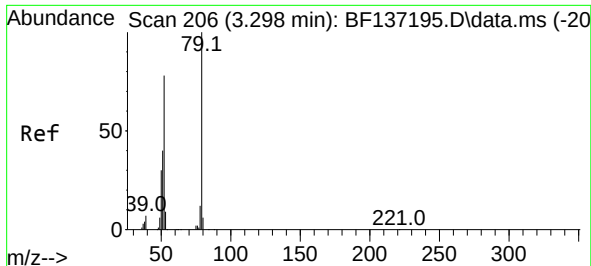
Tgt Ion:152 Resp: 56165
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.8 194.8
 115 72.0 58.5 87.7



#2
 1,4-Dioxane
 Concen: 34.879 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.065 min
 Lab File: BF137207.D
 Acq: 31 Jan 2024 13:35

Tgt Ion: 88 Resp: 63524
 Ion Ratio Lower Upper
 88 100
 58 87.7 67.8 101.8
 43 31.8 26.6 40.0

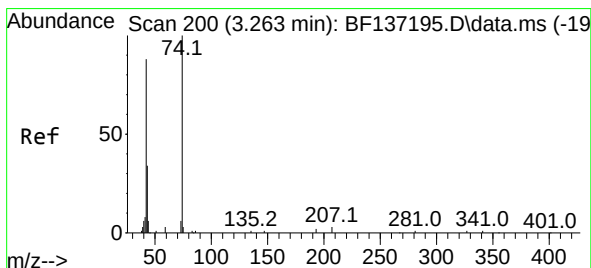
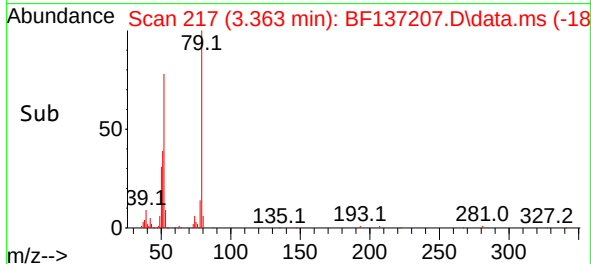
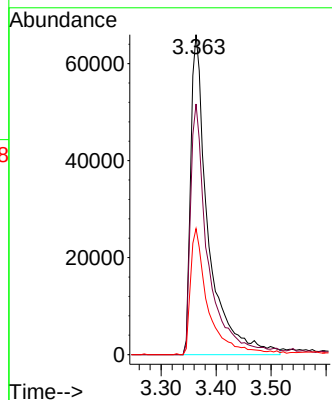
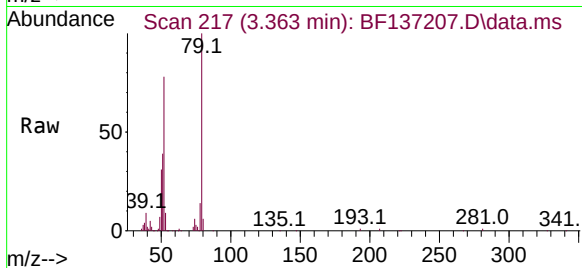




#3
Pyridine
Concen: 40.087 ng
RT: 3.363 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

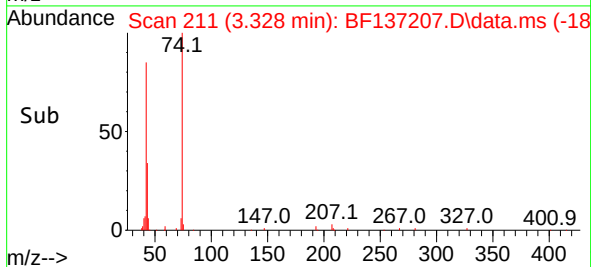
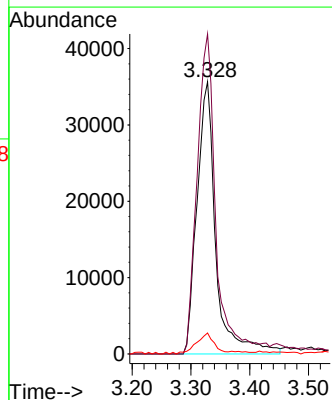
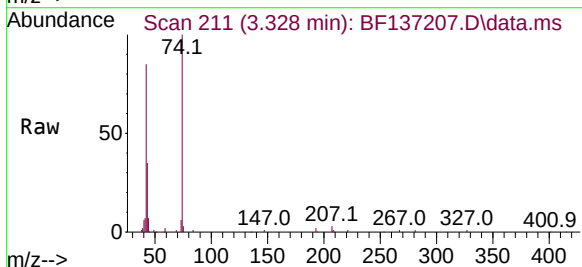
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

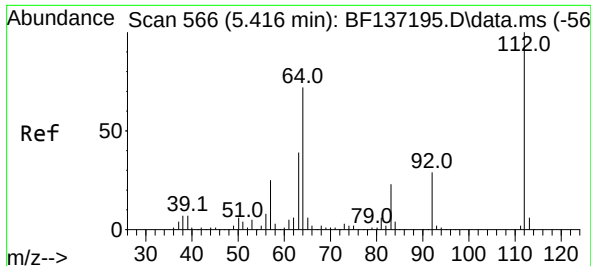
Tgt Ion: 79 Resp: 145843
Ion Ratio Lower Upper
79 100
52 78.3 62.6 94.0
51 39.4 33.0 49.4



#4
n-Nitrosodimethylamine
Concen: 43.291 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 42 Resp: 79087
Ion Ratio Lower Upper
42 100
74 117.6 90.5 135.7
44 7.7 6.1 9.1

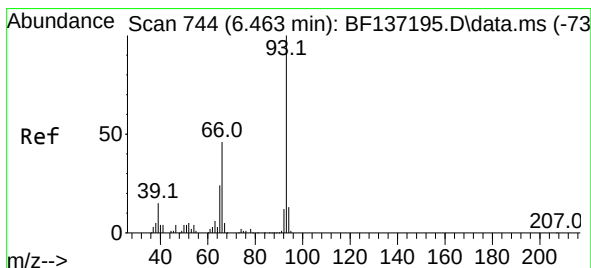
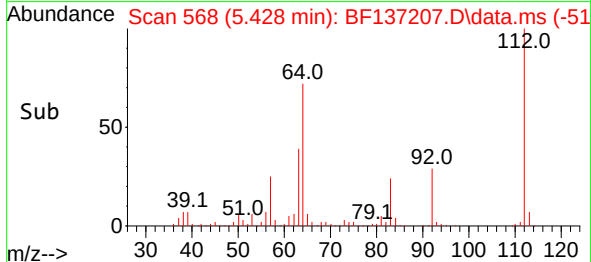
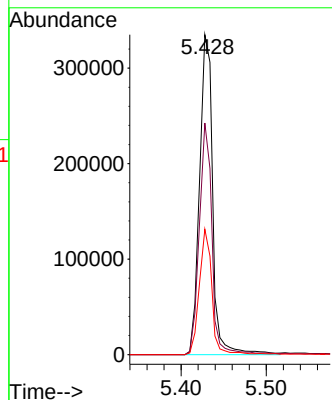
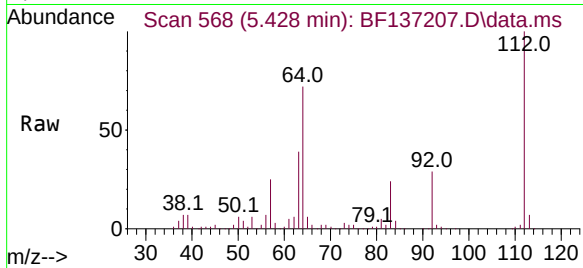




#5
2-Fluorophenol
Concen: 105.363 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

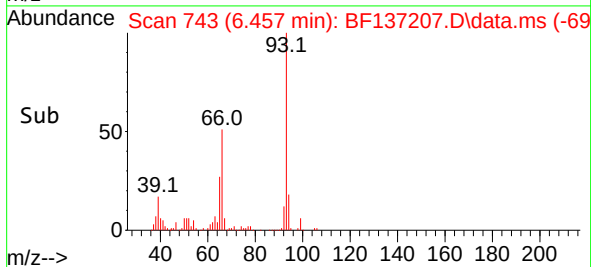
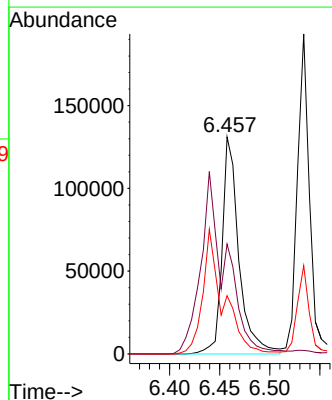
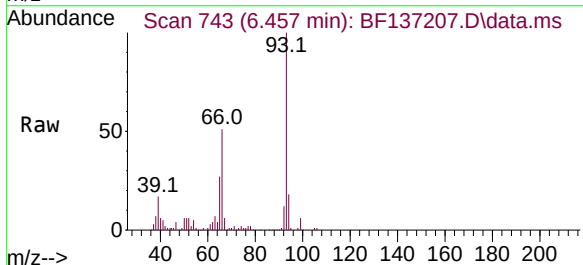
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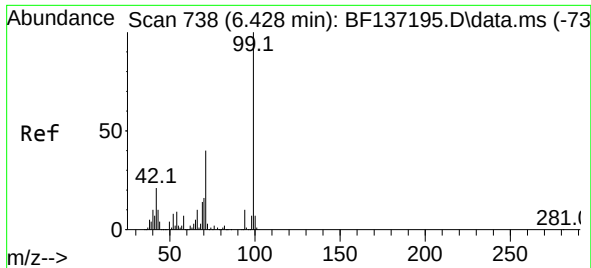
Tgt Ion:112 Resp: 358631
Ion Ratio Lower Upper
112 100
64 72.4 57.8 86.6
63 39.2 31.4 47.0



#6
Aniline
Concen: 29.370 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 93 Resp: 152720
Ion Ratio Lower Upper
93 100
66 50.7 37.9 56.9
65 26.8 19.0 28.4

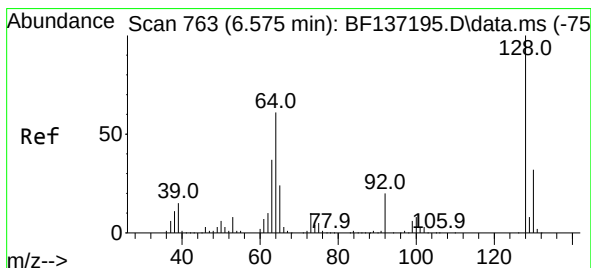
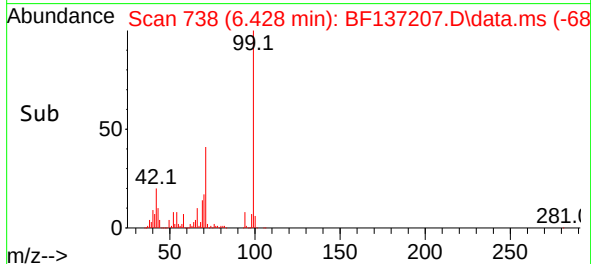
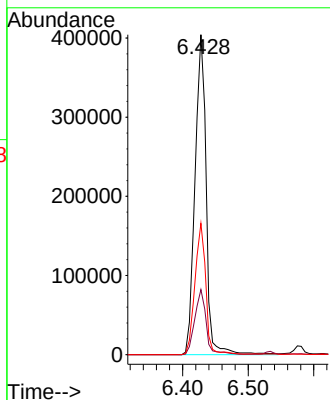
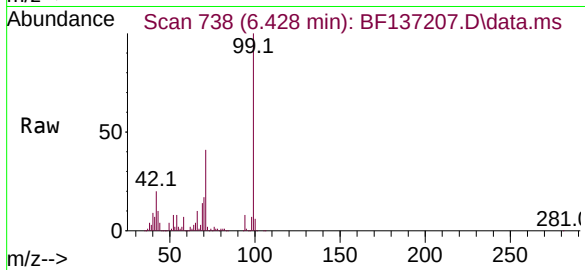




#7
Phenol-d6
Concen: 98.386 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

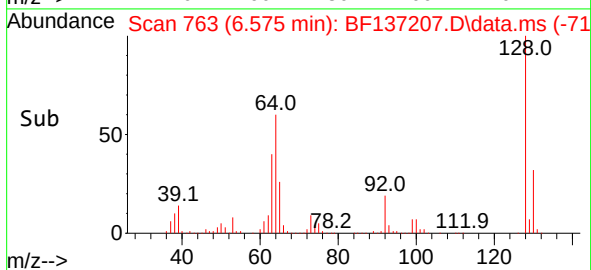
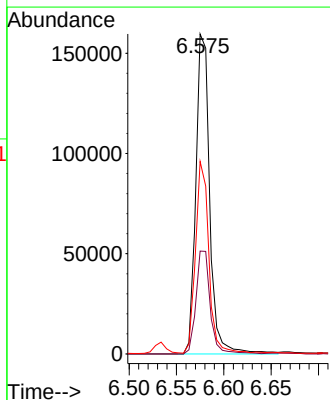
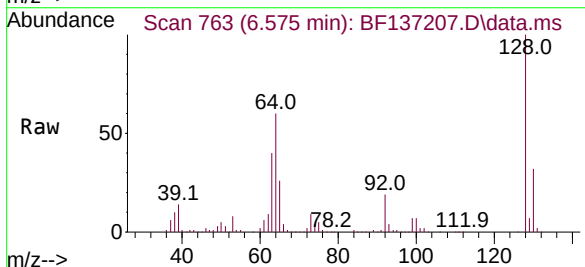
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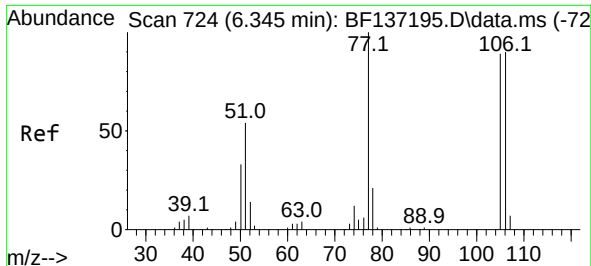
Tgt Ion: 99 Resp: 477911
Ion Ratio Lower Upper
99 100
42 20.3 16.4 24.6
71 41.1 32.4 48.6



#8
2-Chlorophenol
Concen: 42.704 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 128 Resp: 162524
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 60.1 41.6 81.6





#9

Benzaldehyde

Concen: 35.386 ng

RT: 6.346 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

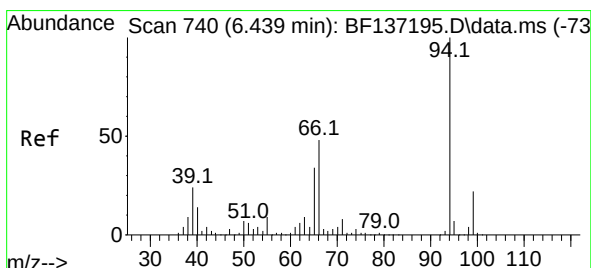
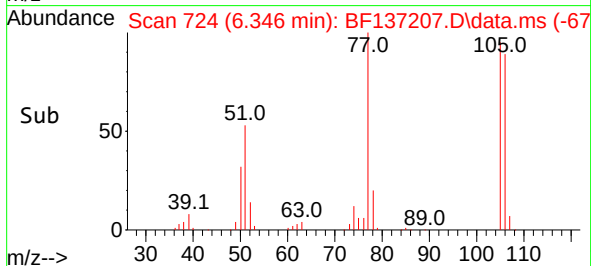
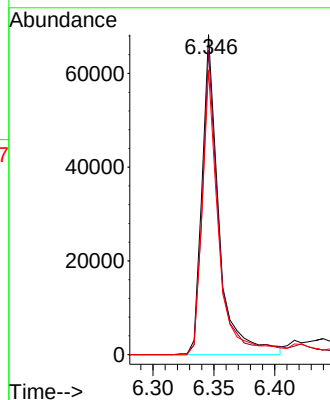
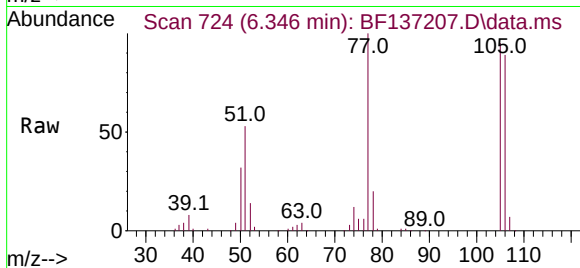
Tgt Ion: 77 Resp: 65460

Ion Ratio Lower Upper

77 100

105 95.1 69.1 109.1

106 89.0 69.6 109.6



#10

Phenol

Concen: 40.503 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.001 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

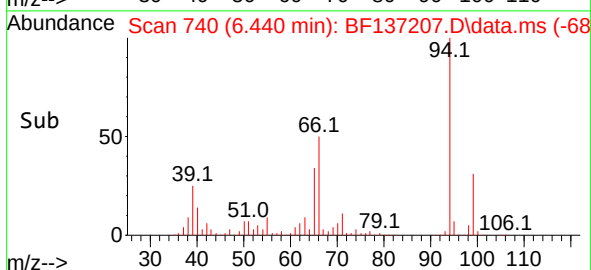
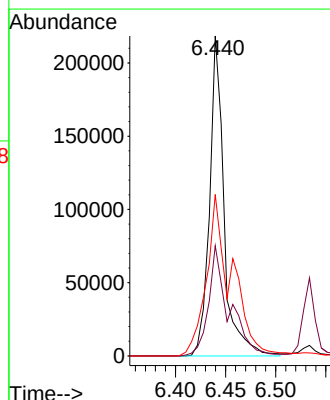
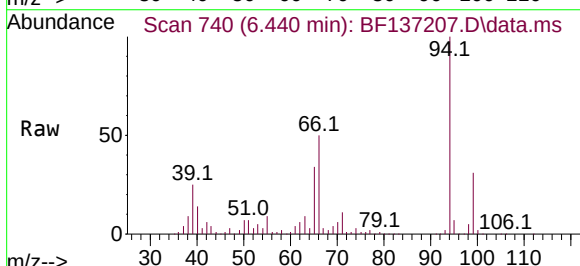
Tgt Ion: 94 Resp: 219610

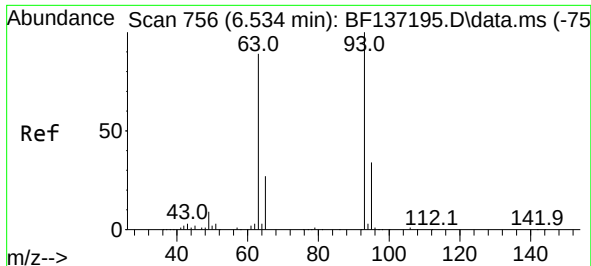
Ion Ratio Lower Upper

94 100

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66 50.4 27.8 67.8

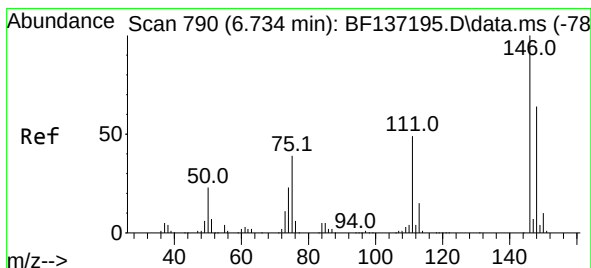
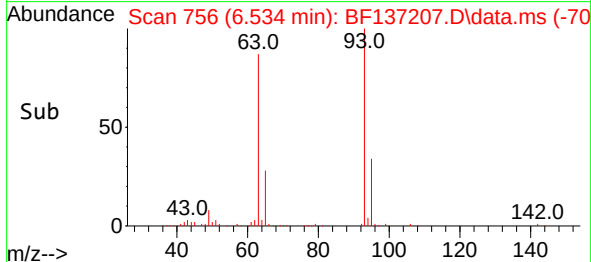
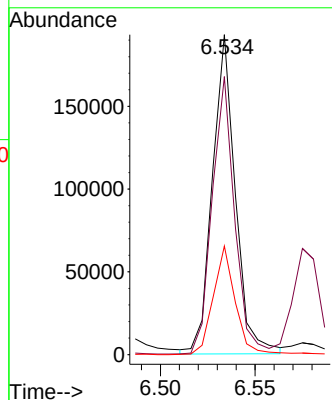
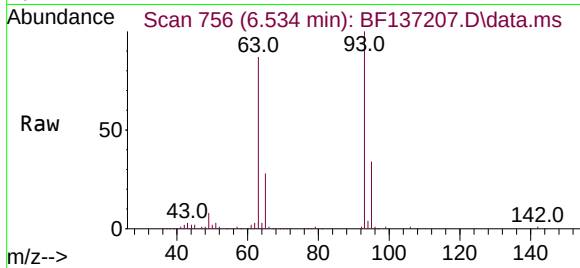




#11
bis(2-Chloroethyl)ether
Concen: 44.908 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

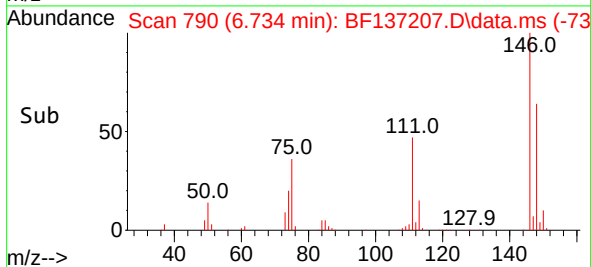
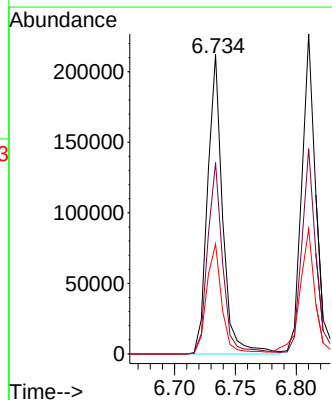
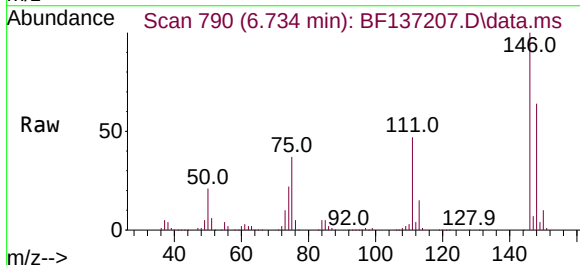
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

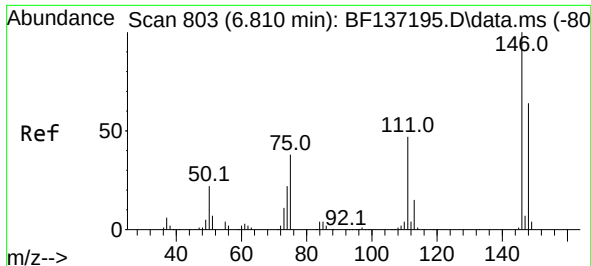
Tgt Ion: 93 Resp: 162723
Ion Ratio Lower Upper
93 100
63 86.9 66.7 106.7
95 33.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.899 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 146 Resp: 182500
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 36.7 31.3 46.9

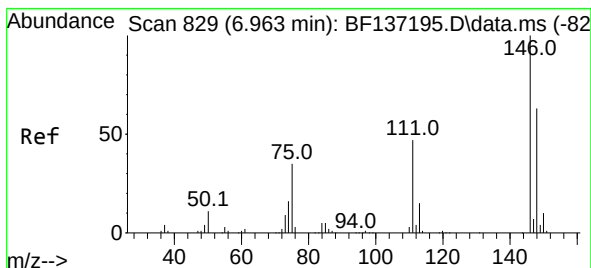
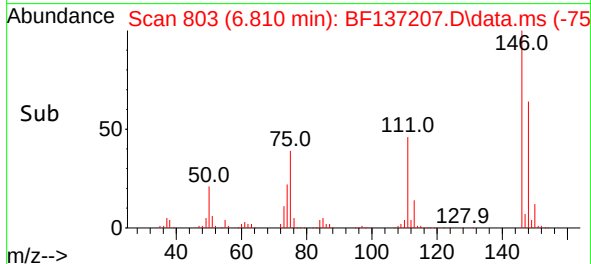
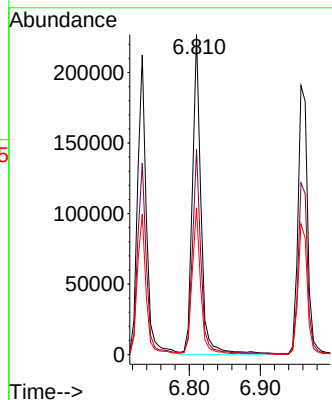
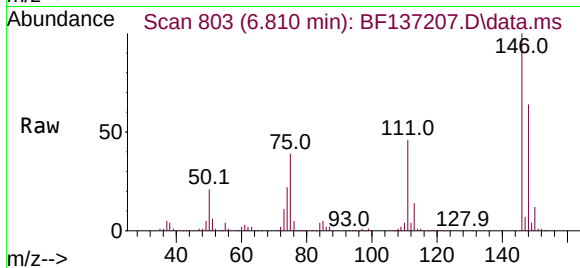




#13
1,4-Dichlorobenzene
Concen: 41.460 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

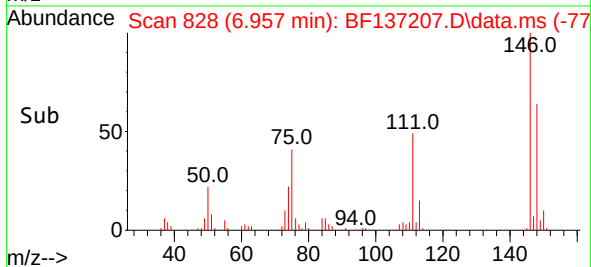
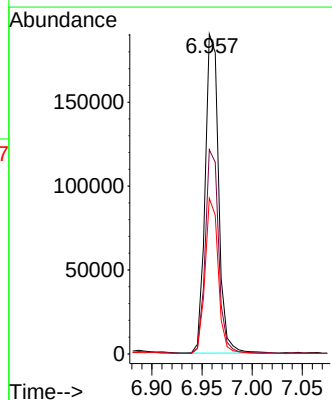
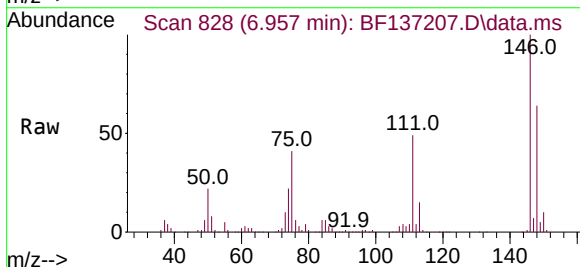
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

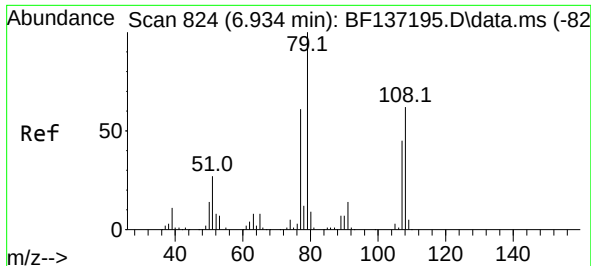
Tgt Ion:146 Resp: 191330
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 45.9 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 41.027 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:146 Resp: 177025
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
111 48.6 37.3 55.9

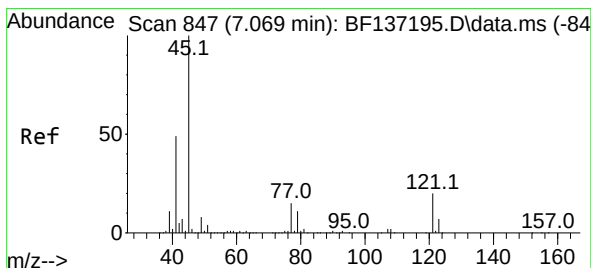
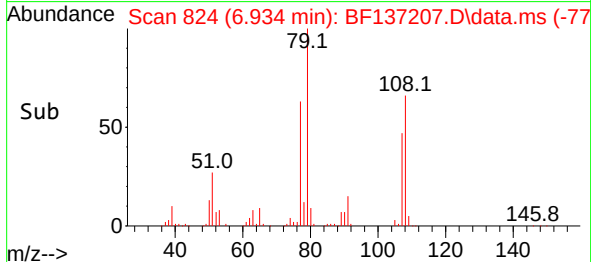
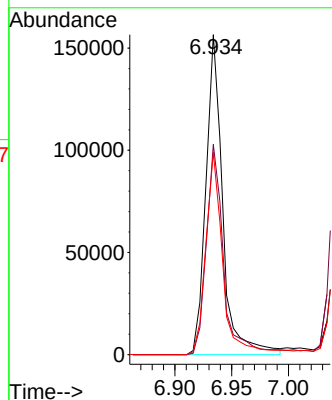
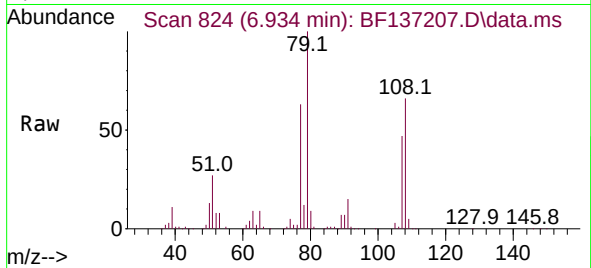




#15
Benzyl Alcohol
Concen: 46.638 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

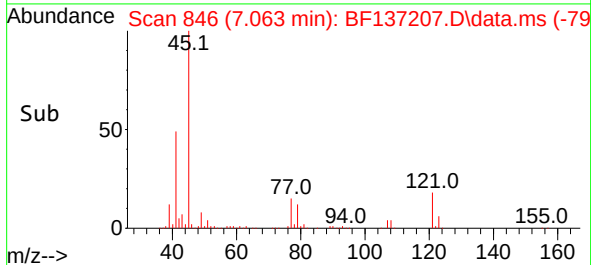
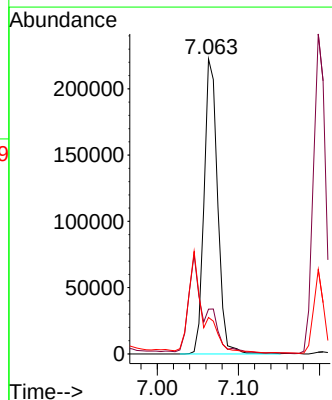
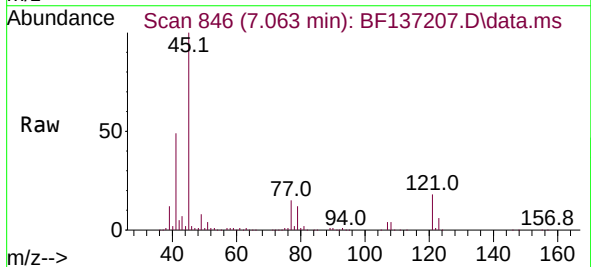
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

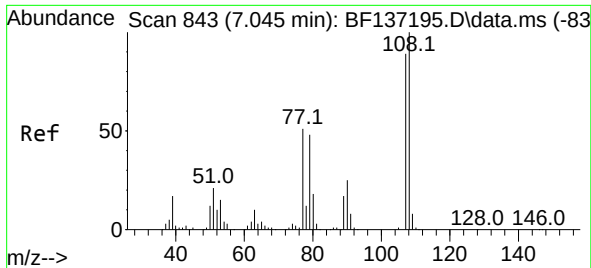
Tgt Ion: 79 Resp: 160949
Ion Ratio Lower Upper
79 100
108 65.7 49.3 73.9
77 63.2 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.540 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 45 Resp: 258088
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.9
79 12.4 0.0 32.4

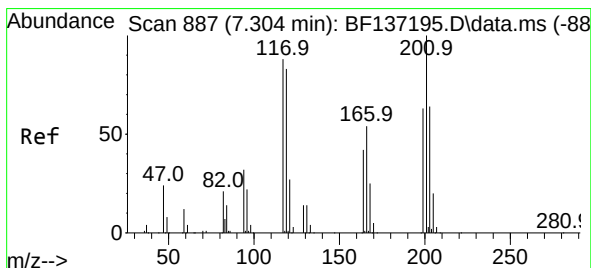
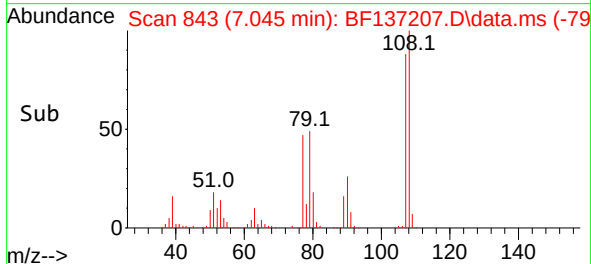
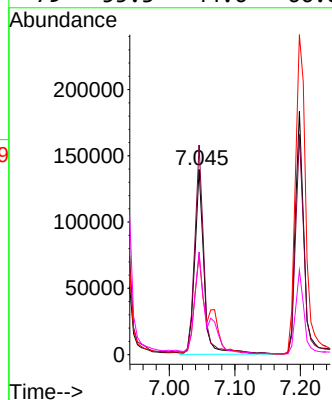
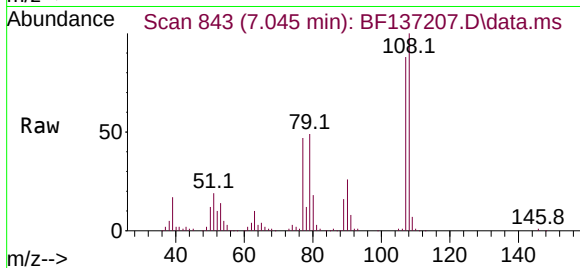




#17
2-Methylphenol
Concen: 43.505 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

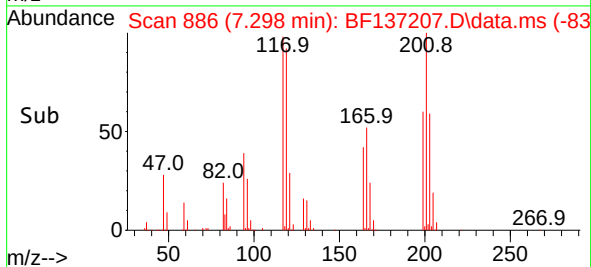
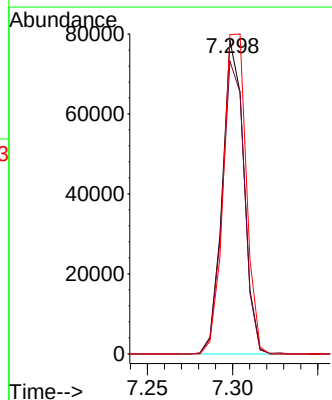
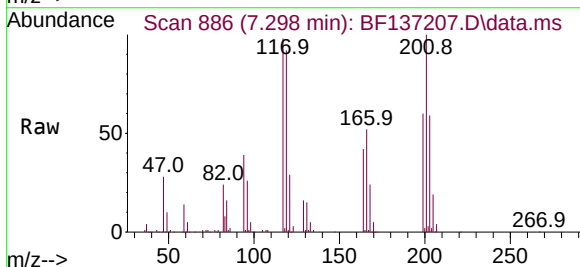
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

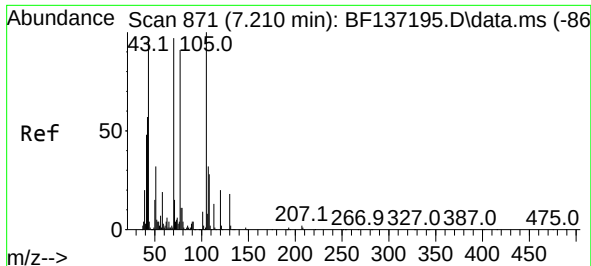
Tgt Ion:	107	Resp:	138325
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.9	134.9
77	53.6	46.6	69.8
79	55.3	44.6	66.8



#18
Hexachloroethane
Concen: 41.305 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:	117	Resp:	68747
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.4
201	101.9	91.4	137.0

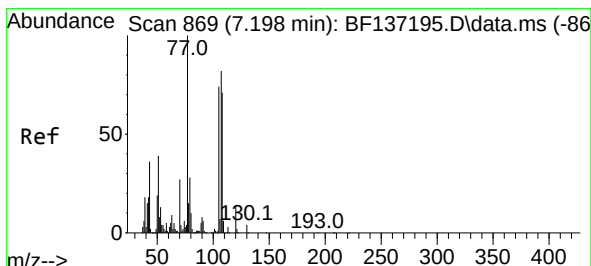
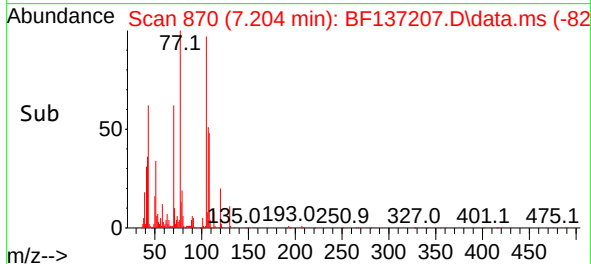
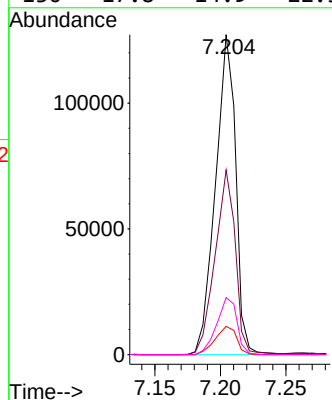
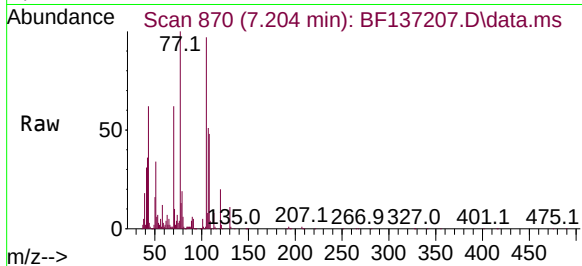




#19
n-Nitroso-di-n-propylamine
Concen: 41.028 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

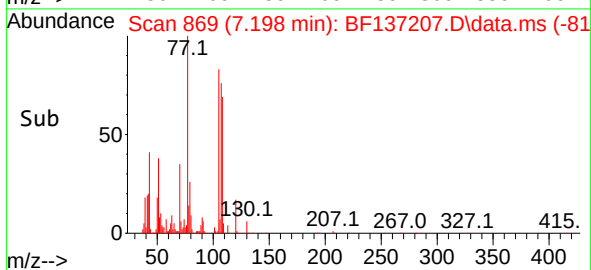
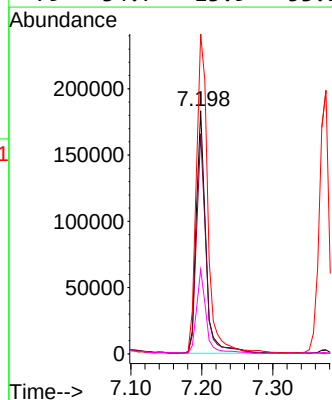
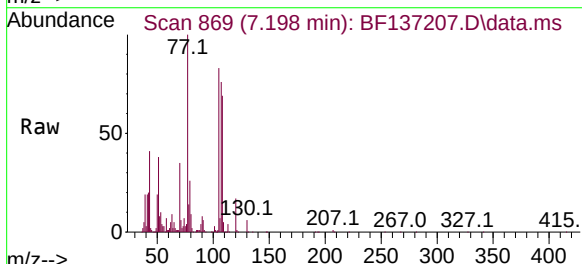
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

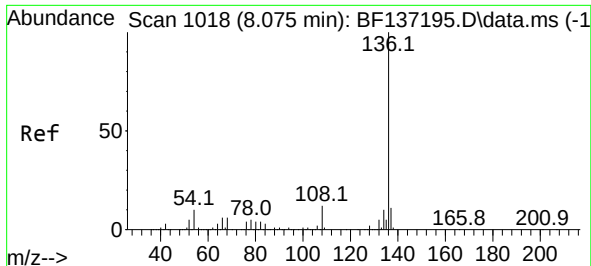
Tgt Ion: 70 Resp: 136645
Ion Ratio Lower Upper
70 100
42 57.7 47.2 70.8
101 8.8 7.4 11.0
130 17.8 14.9 22.3



#20
3+4-Methylphenols
Concen: 42.617 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 107 Resp: 171537
Ion Ratio Lower Upper
107 100
108 90.5 66.3 106.3
77 131.6 101.4 141.4
79 34.7 13.9 53.9

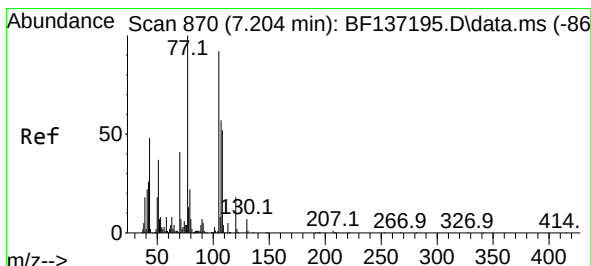
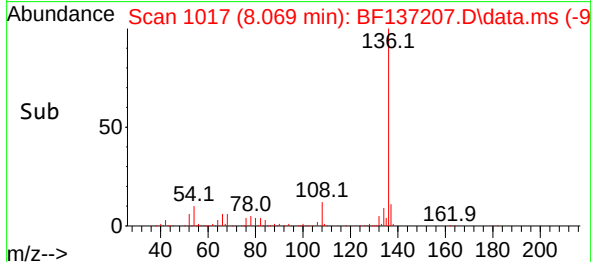
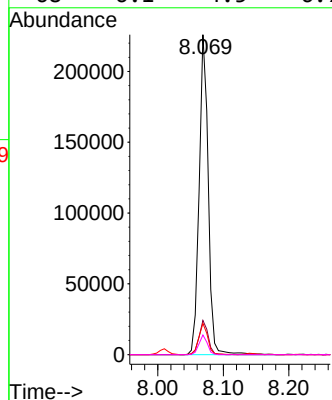
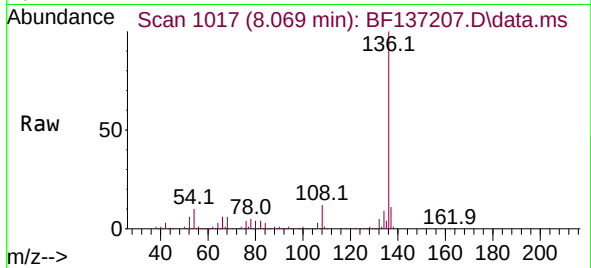




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

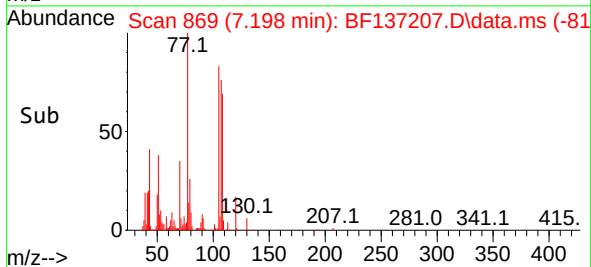
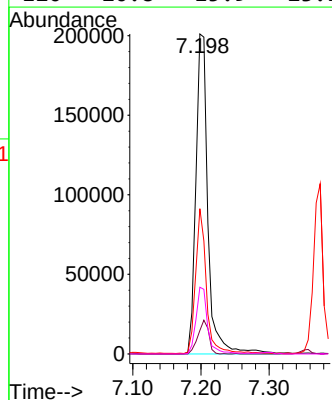
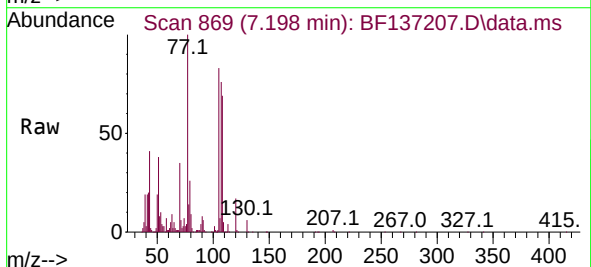
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

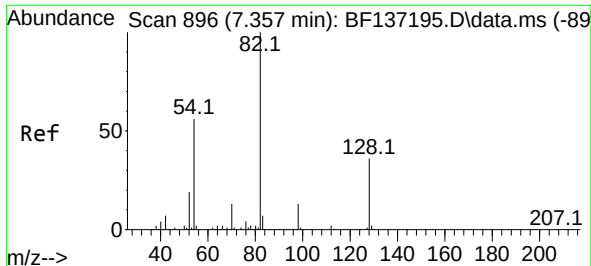
Tgt Ion:136 Resp: 216463
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.7 7.8 11.8
68 6.1 4.5 6.7



#22
Acetophenone
Concen: 42.496 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:105 Resp: 247648
Ion Ratio Lower Upper
105 100
71 7.3 5.7 8.5
51 45.4 32.2 48.4
120 20.8 15.9 23.9

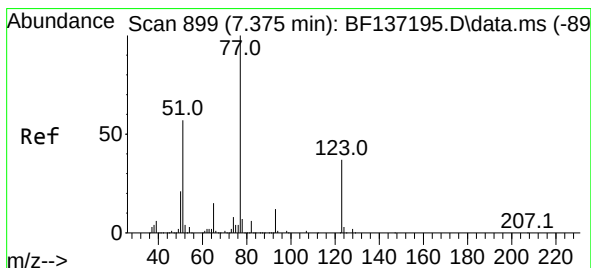
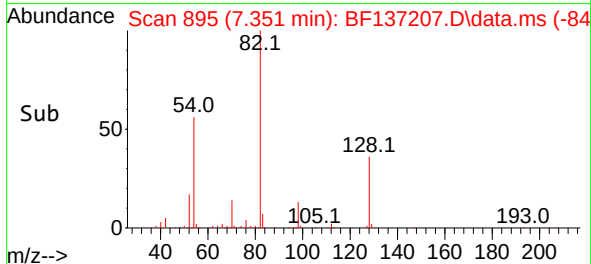
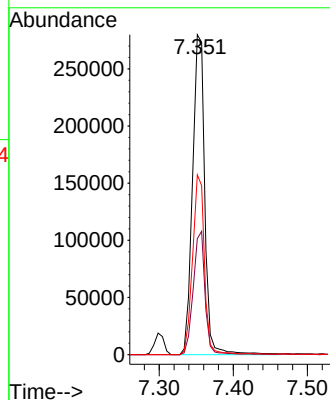
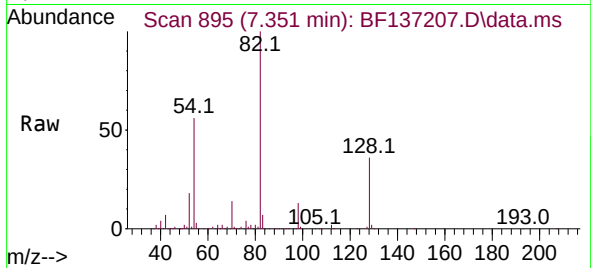




#23
Nitrobenzene-d5
Concen: 66.466 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

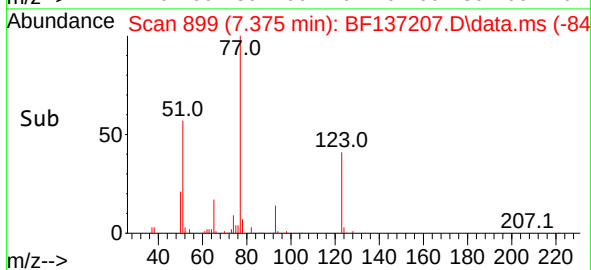
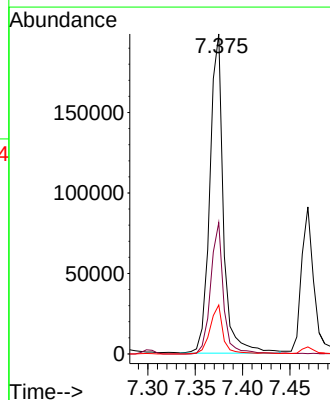
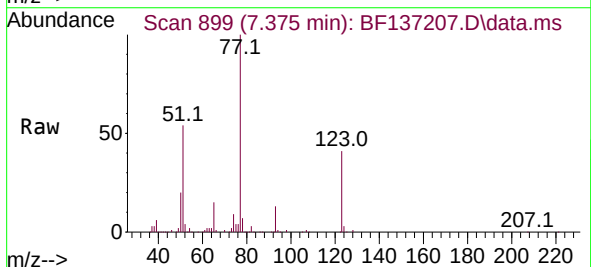
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

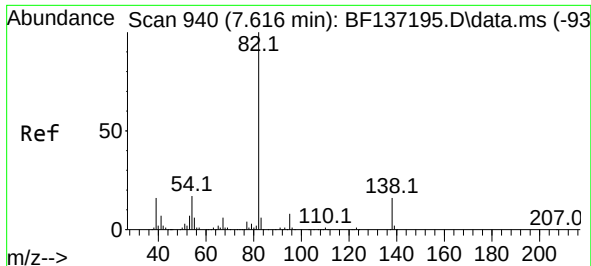
Tgt Ion: 82 Resp: 321352
Ion Ratio Lower Upper
82 100
128 36.2 29.1 43.7
54 56.2 45.0 67.6



#24
Nitrobenzene
Concen: 42.357 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 77 Resp: 198767
Ion Ratio Lower Upper
77 100
123 41.0 29.3 43.9
65 15.3 12.0 18.0

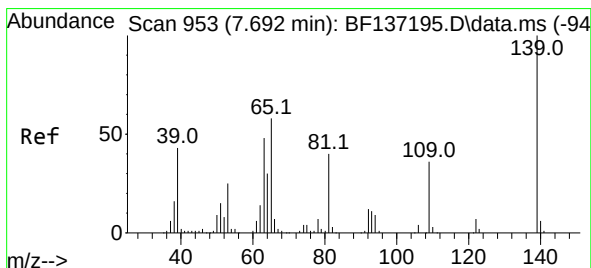
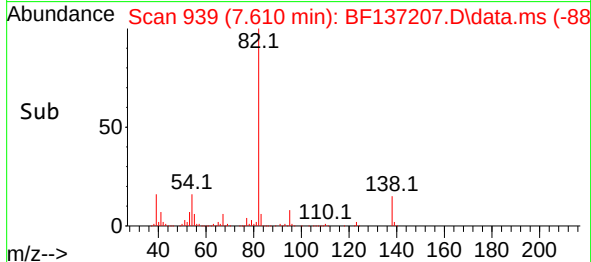
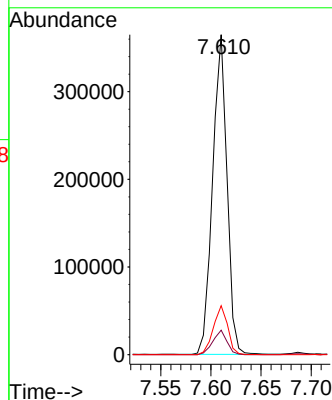
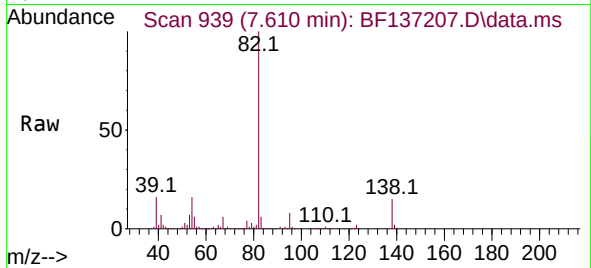




#25
Isophorone
Concen: 40.707 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

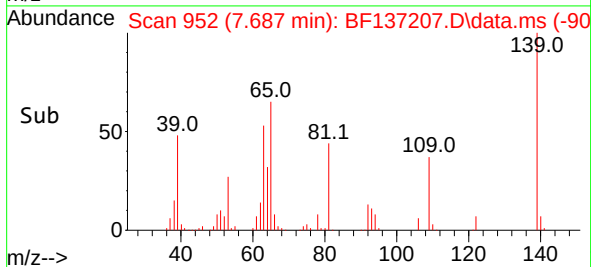
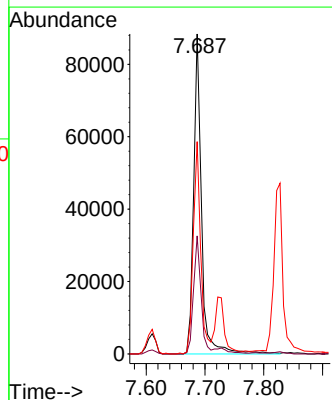
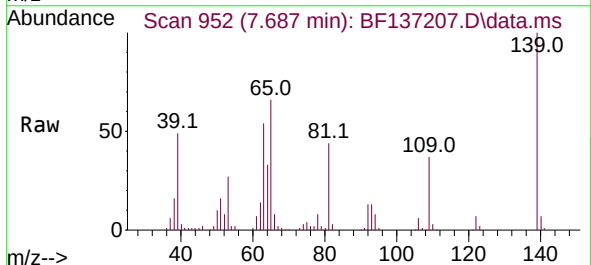
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

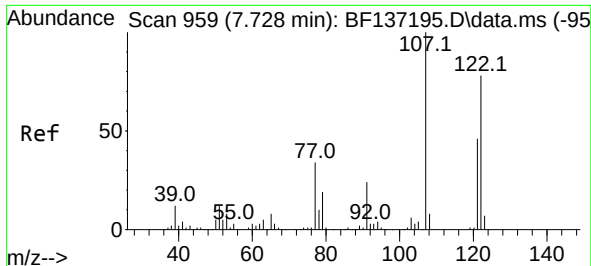
Tgt Ion: 82 Resp: 363278
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 15.3 12.7 19.1



#26
2-Nitrophenol
Concen: 45.775 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 139 Resp: 82945
Ion Ratio Lower Upper
139 100
109 36.9 28.5 42.7
65 66.3 46.7 70.1

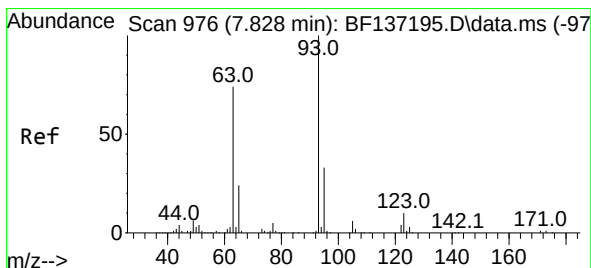
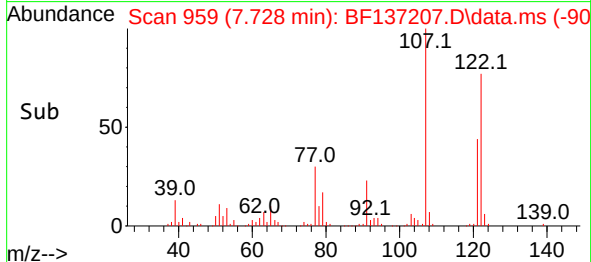
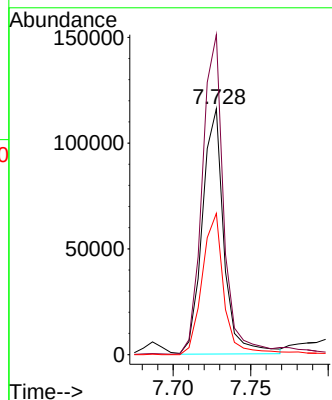
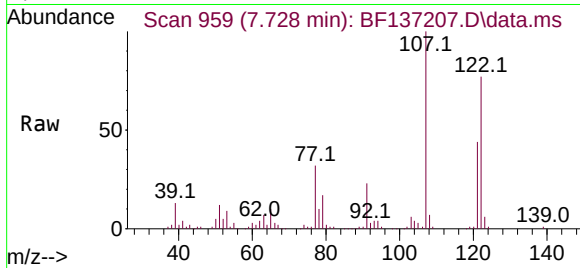




#27
2,4-Dimethylphenol
Concen: 44.218 ng
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

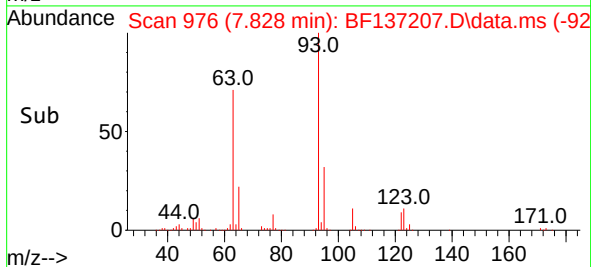
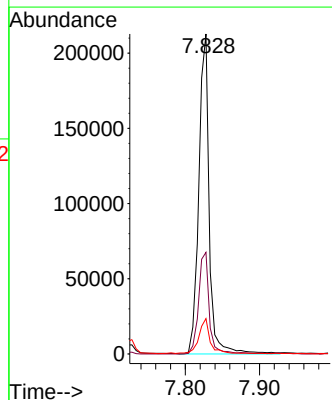
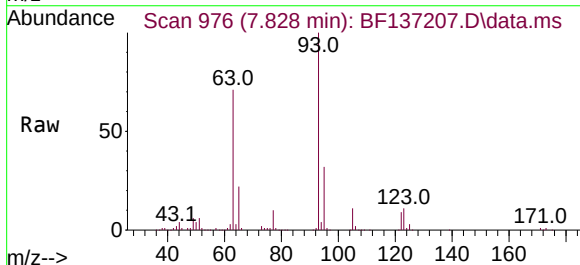
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

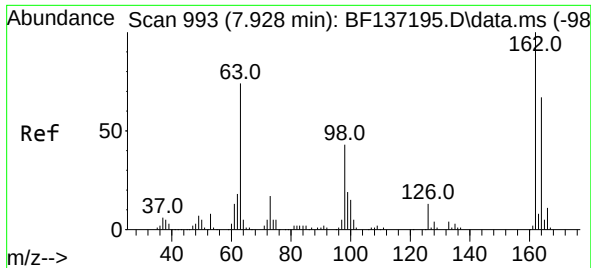
Tgt Ion:	122	Resp:	112789
Ion	Ratio	Lower	Upper
122	100		
107	130.1	101.8	152.6
121	57.4	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.908 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:	93	Resp:	208084
Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.1	39.1
123	11.0	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 43.792 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

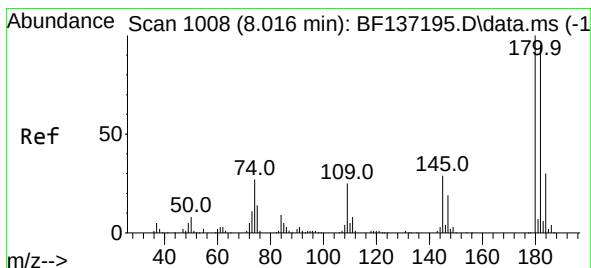
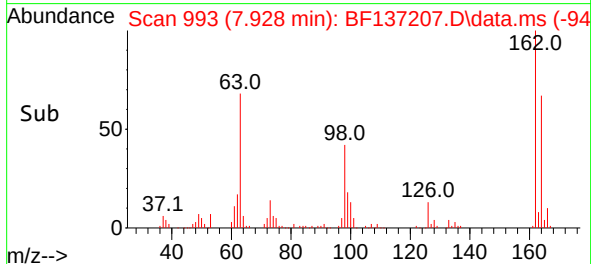
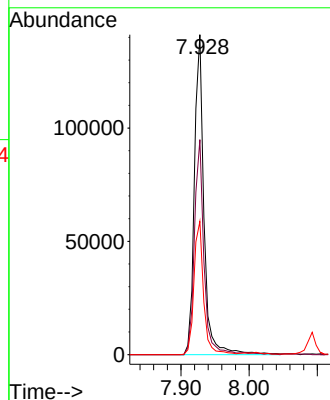
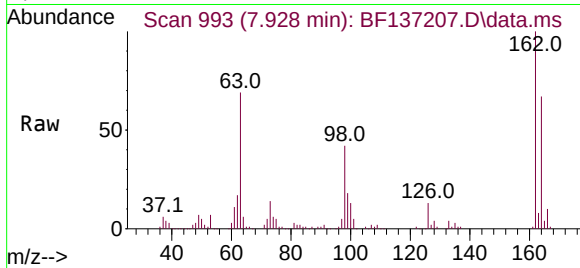
Tgt Ion:162 Resp: 138574

Ion Ratio Lower Upper

162 100

164 67.2 46.7 86.7

98 41.6 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 41.782 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

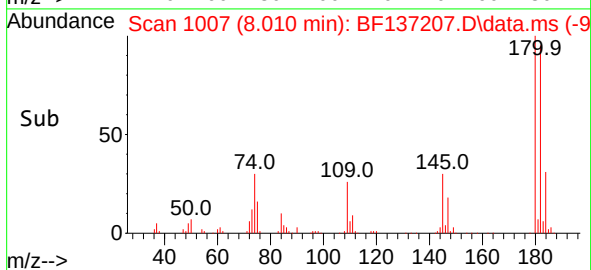
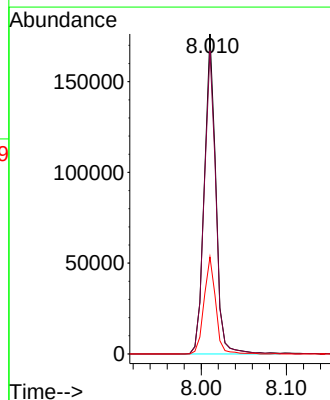
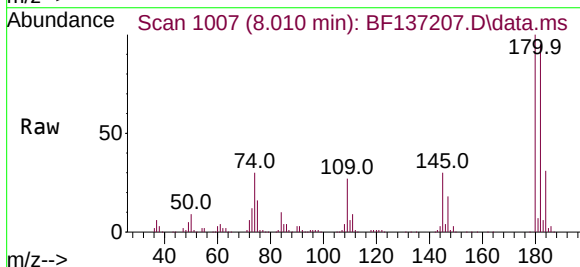
Tgt Ion:180 Resp: 164228

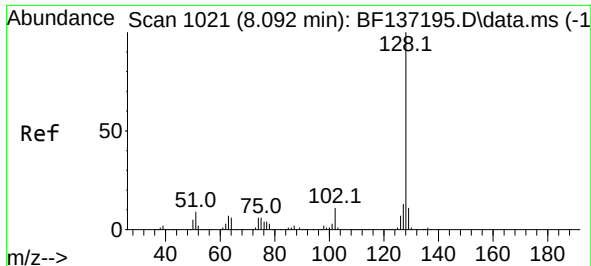
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 30.3 23.2 34.8

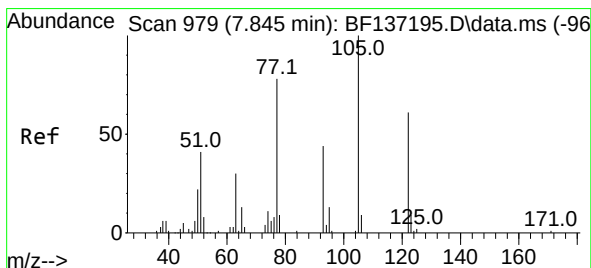
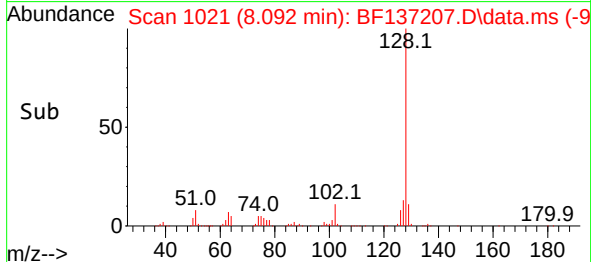
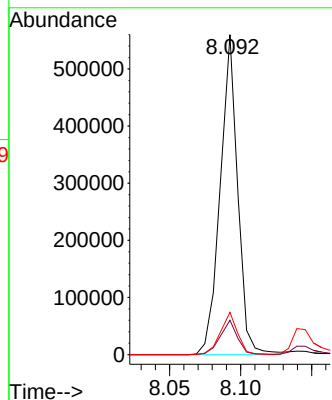
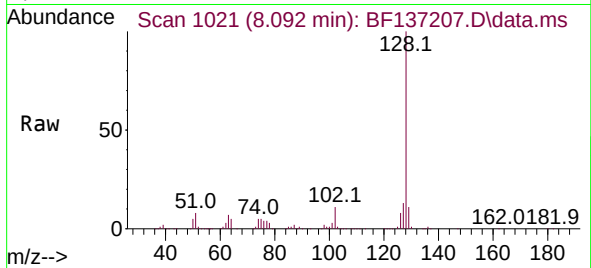




#31
Naphthalene
Concen: 41.193 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

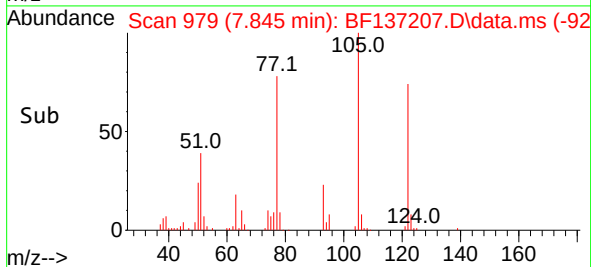
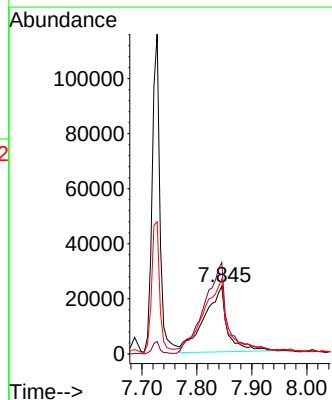
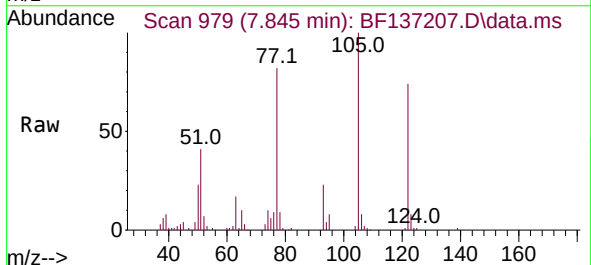
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

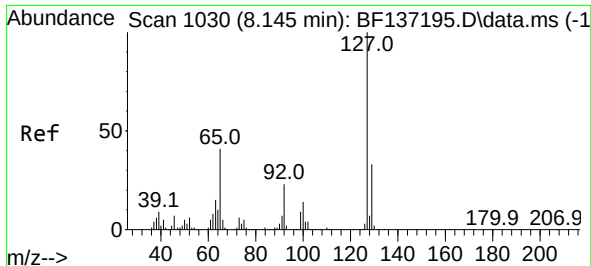
Tgt Ion:128 Resp: 482052
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.434 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:122 Resp: 69436
Ion Ratio Lower Upper
122 100
105 135.2 122.5 162.5
77 110.9 96.4 136.4

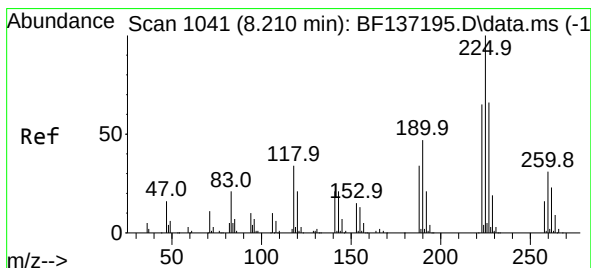
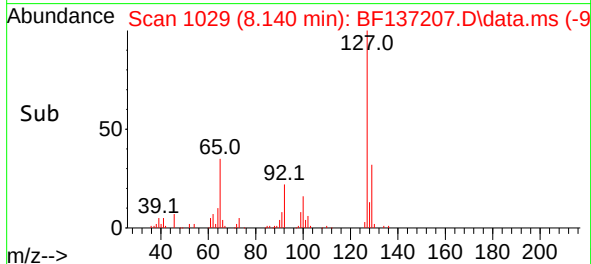
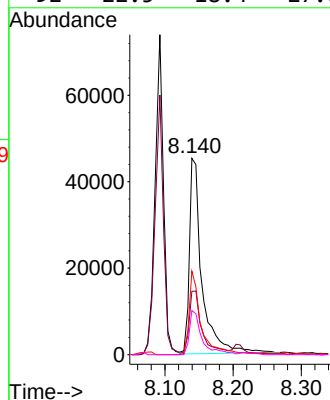
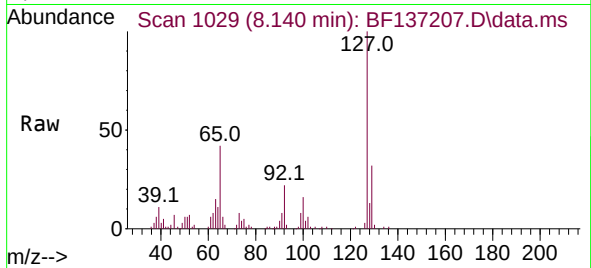




#33
4-Chloroaniline
Concen: 14.439 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

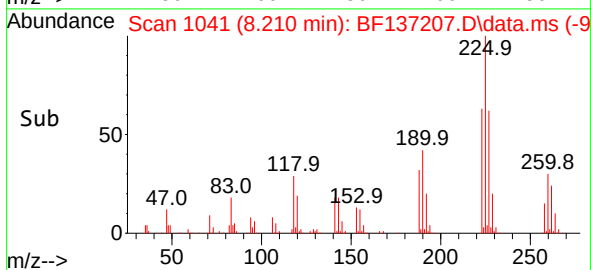
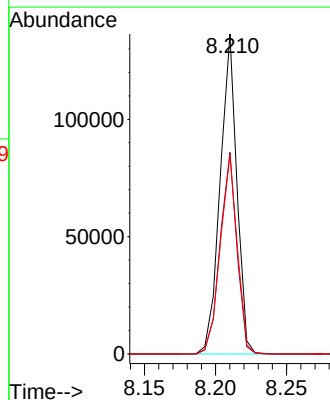
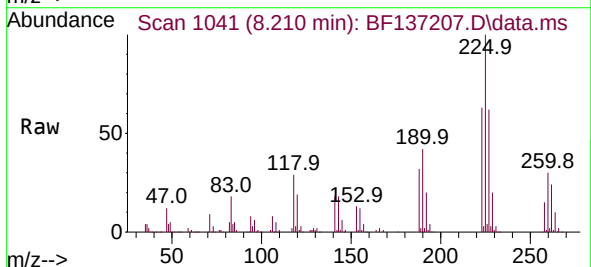
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

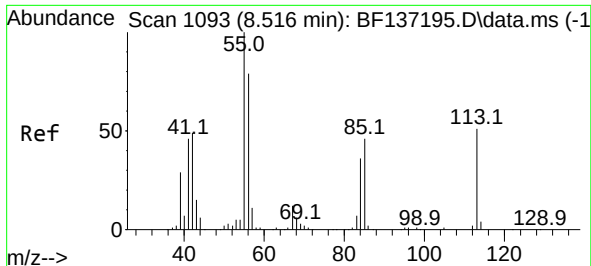
Tgt Ion:127	Resp:	58120
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.8 40.2
65	42.5	32.9 49.3
92	22.5	18.4 27.6



#34
Hexachlorobutadiene
Concen: 42.723 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:225	Resp:	111658
Ion Ratio	Lower	Upper
225	100	
223	63.0	52.0 78.0
227	62.3	52.9 79.3

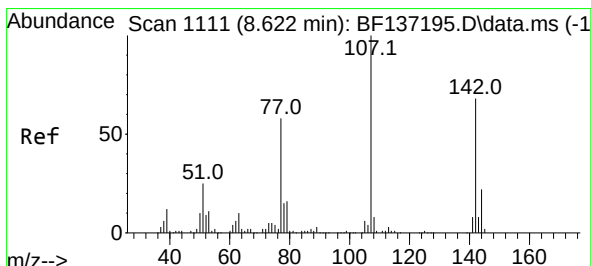
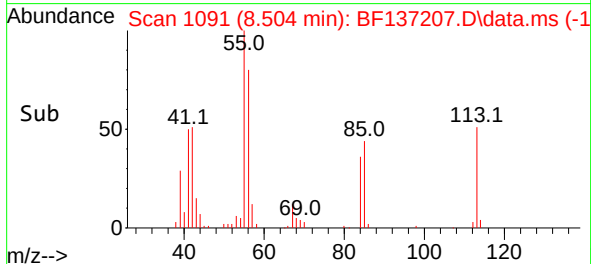
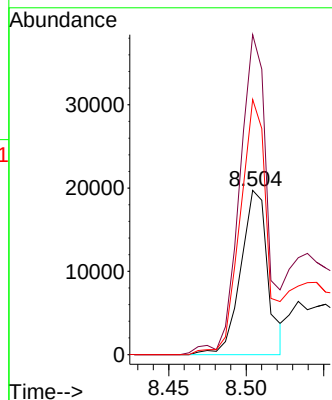
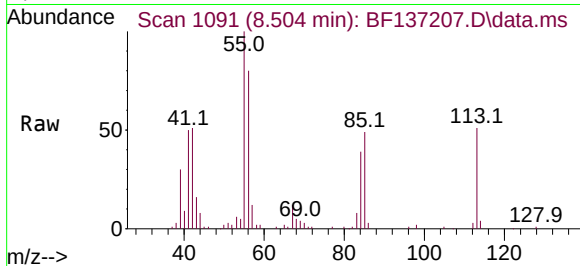




#35
 Caprolactam
 Concen: 24.333 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF137207.D
 Acq: 31 Jan 2024 13:35

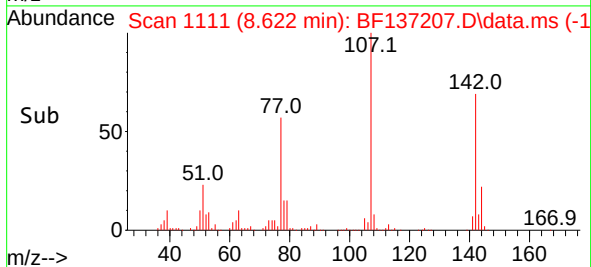
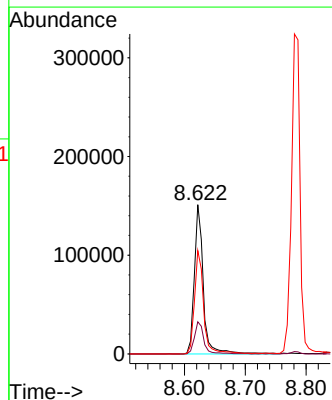
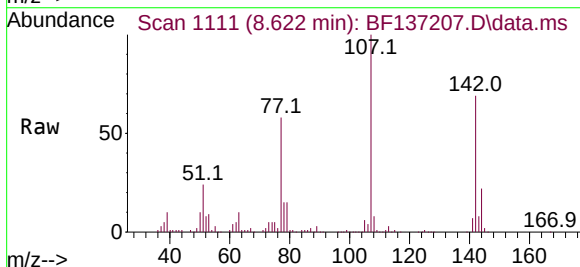
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MSD

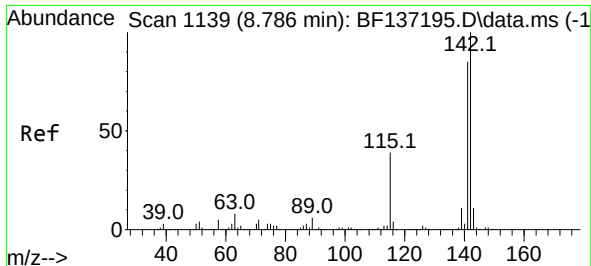
Tgt Ion:113 Resp: 23942
 Ion Ratio Lower Upper
 113 100
 55 194.9 176.0 216.0
 56 155.4 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.461 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF137207.D
 Acq: 31 Jan 2024 13:35

Tgt Ion:107 Resp: 154960
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.2 25.8
 142 69.2 54.6 82.0





#37

2-Methylnaphthalene

Concen: 40.332 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

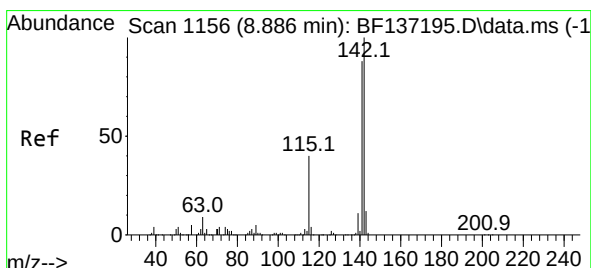
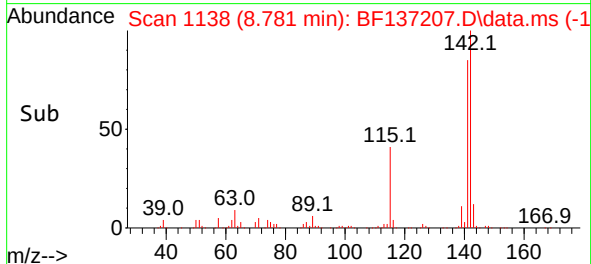
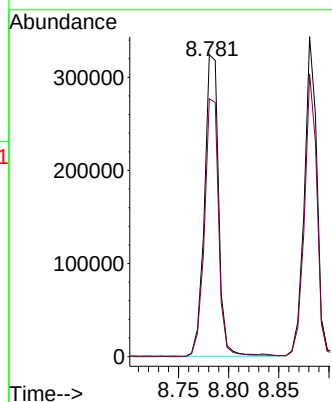
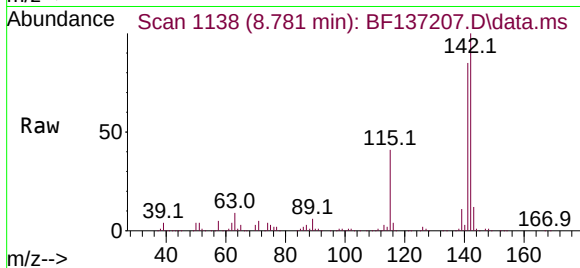
TP-38MSD

Tgt Ion:142 Resp: 316422

Ion Ratio Lower Upper

142 100

141 85.4 67.8 101.8



#38

1-Methylnaphthalene

Concen: 41.631 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137207.D

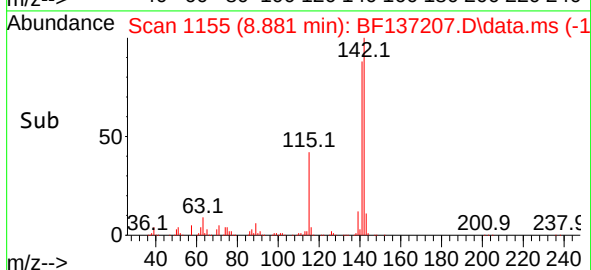
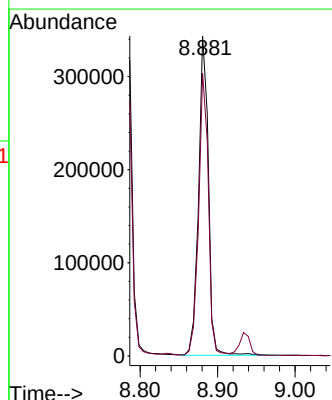
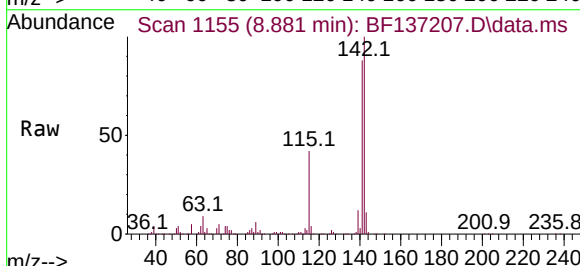
Acq: 31 Jan 2024 13:35

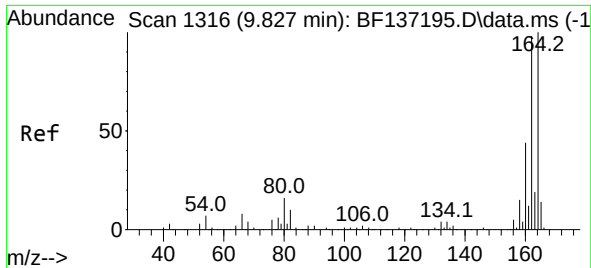
Tgt Ion:142 Resp: 303357

Ion Ratio Lower Upper

142 100

141 88.3 70.6 105.8

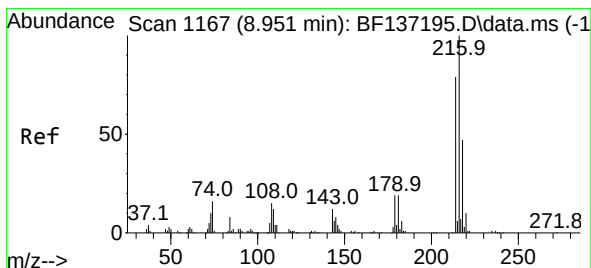
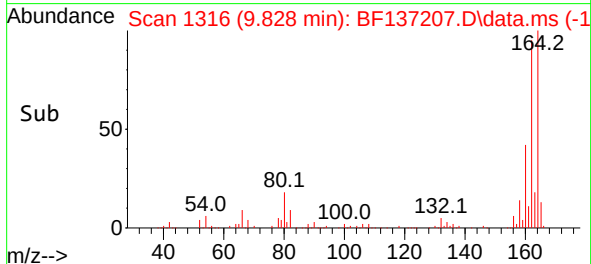
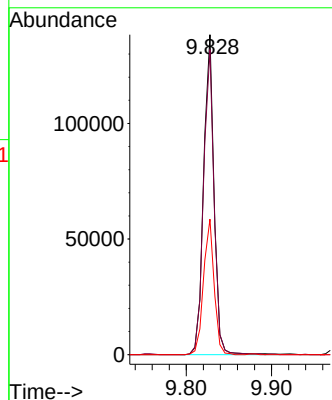
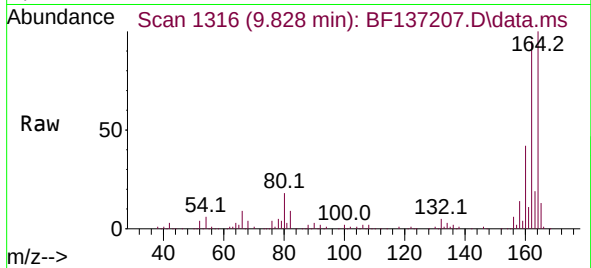




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

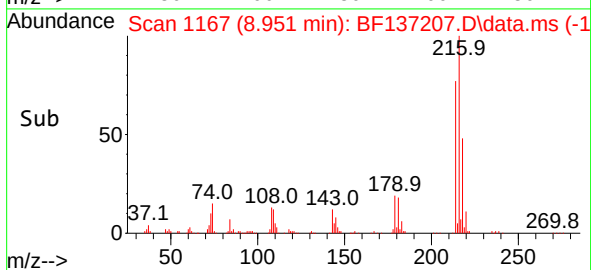
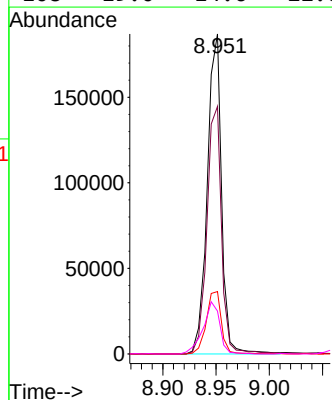
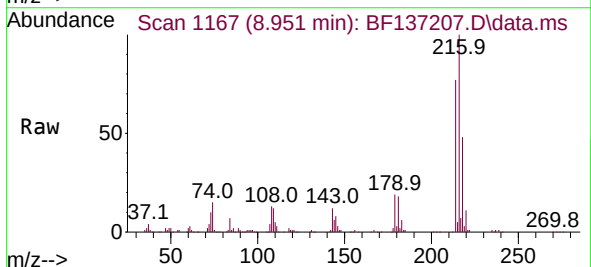
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

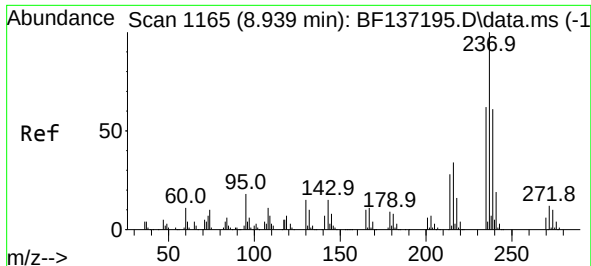
Tgt Ion:164 Resp: 117098
Ion Ratio Lower Upper
164 100
162 95.3 78.3 117.5
160 42.3 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.350 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:216 Resp: 173772
Ion Ratio Lower Upper
216 100
214 79.2 63.9 95.9
179 20.7 16.2 24.2
108 19.0 14.6 22.0

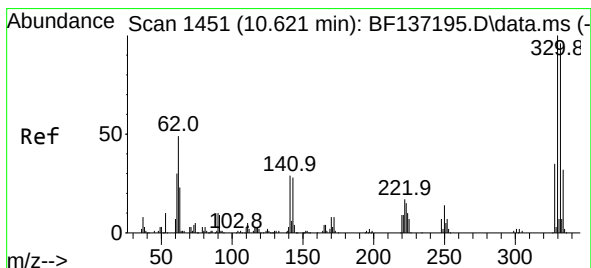
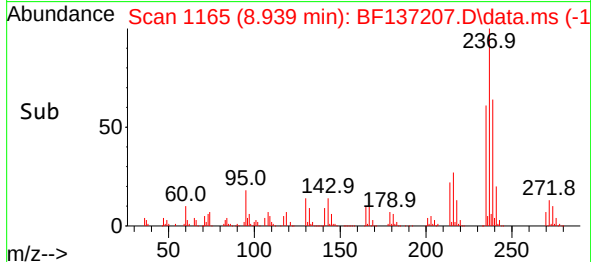
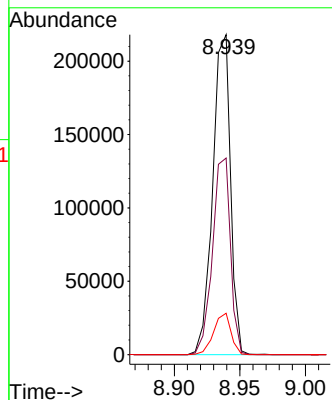
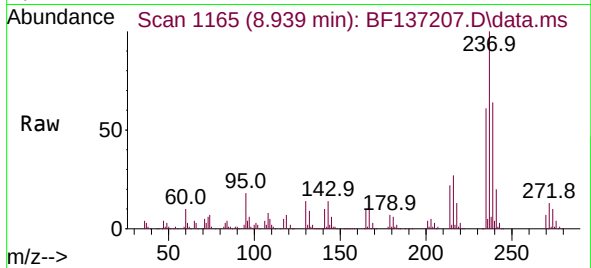




#41
Hexachlorocyclopentadiene
Concen: 110.589 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

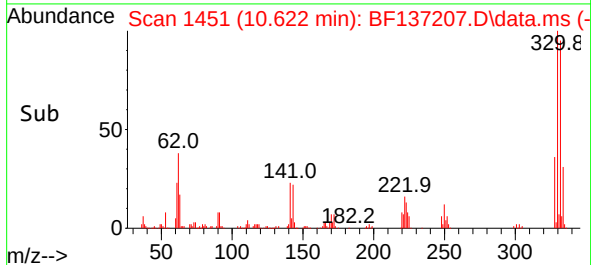
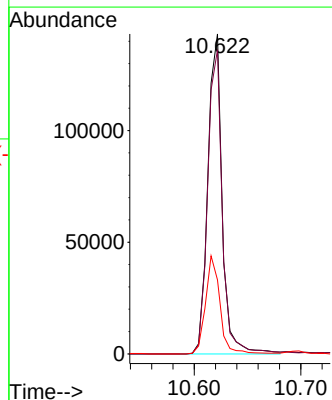
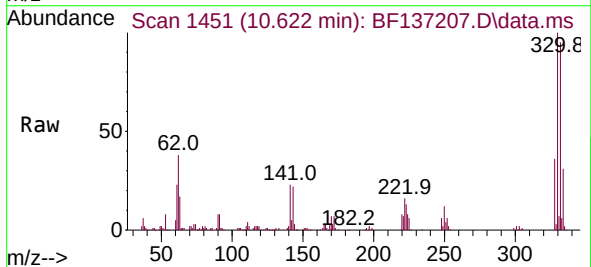
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

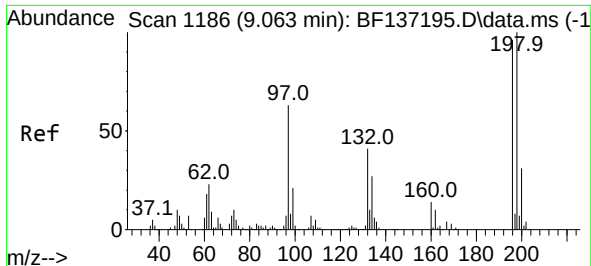
Tgt Ion:237 Resp: 206380
Ion Ratio Lower Upper
237 100
235 61.4 41.6 81.6
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 100.991 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:330 Resp: 133555
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 30.8 25.2 37.8

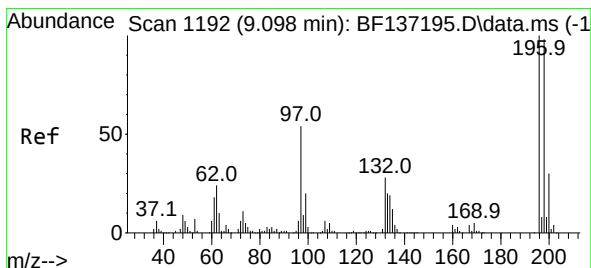
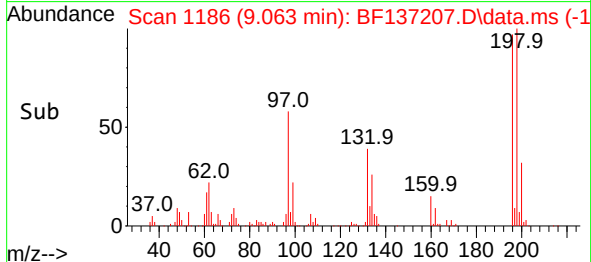
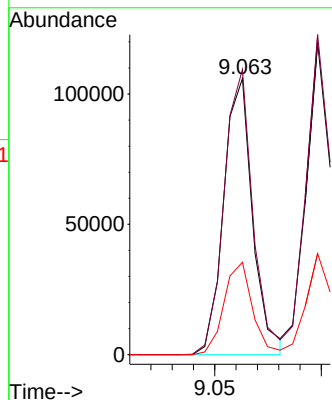
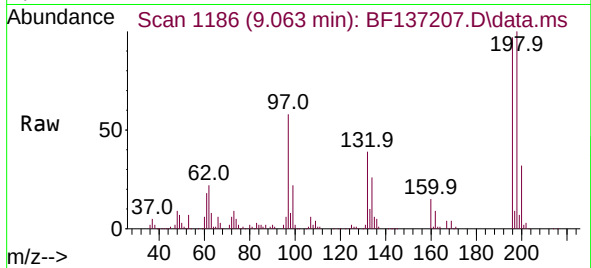




#43
2,4,6-Trichlorophenol
Concen: 45.030 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

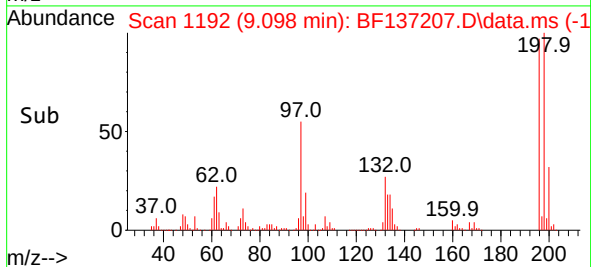
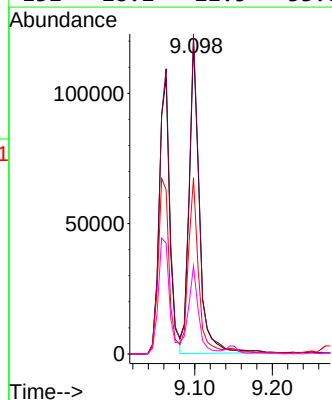
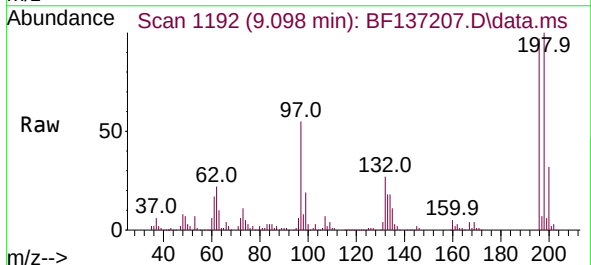
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

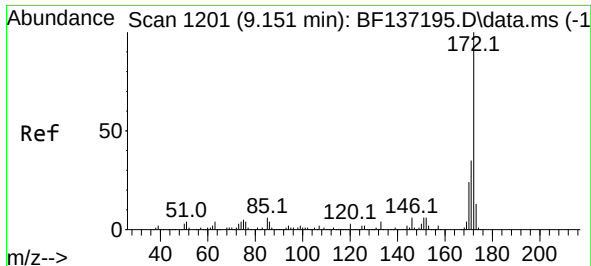
Tgt Ion:196 Resp: 100075
Ion Ratio Lower Upper
196 100
198 103.3 83.0 124.6
200 33.4 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.351 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:196 Resp: 110168
Ion Ratio Lower Upper
196 100
198 102.6 78.2 117.4
97 56.4 44.2 66.2
132 28.2 22.5 33.7

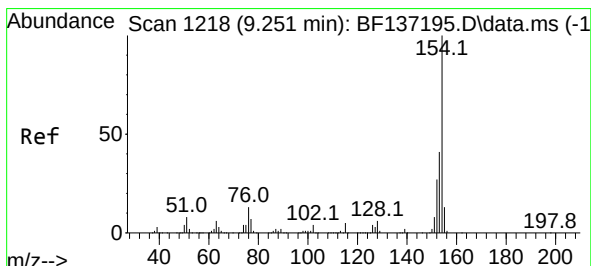
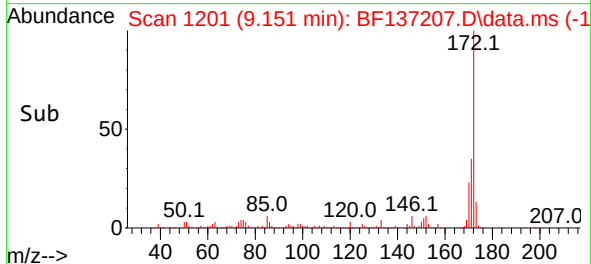
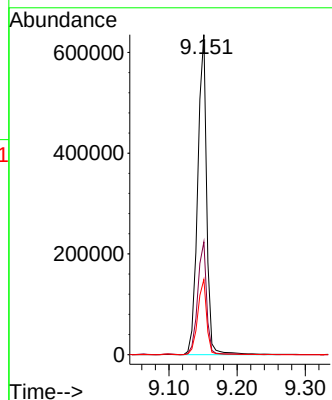
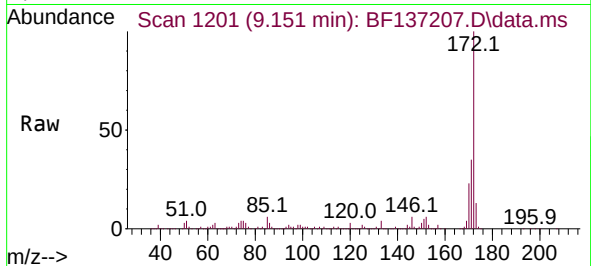




#45
2-Fluorobiphenyl
Concen: 68.163 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

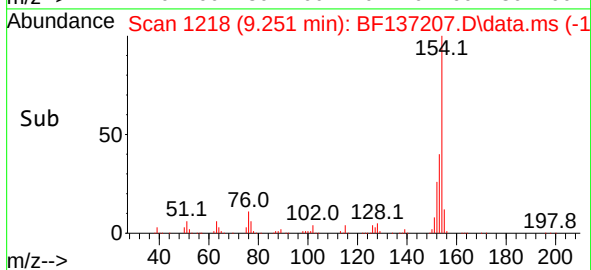
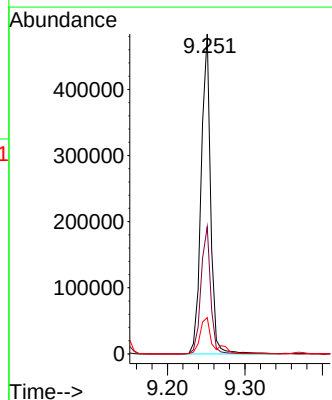
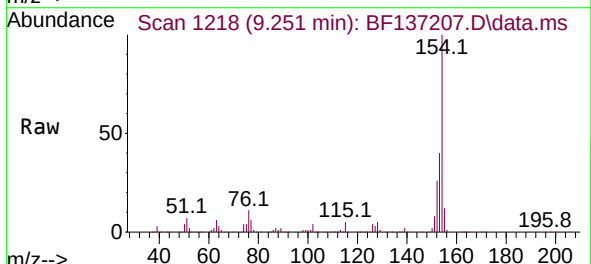
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

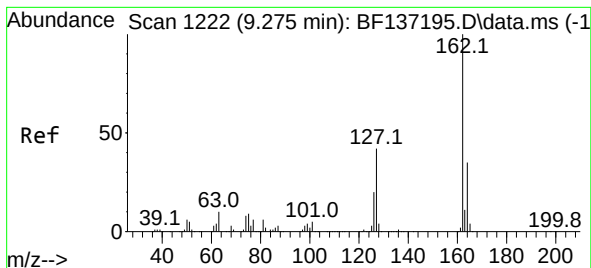
Tgt Ion:172 Resp: 580634
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.851 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:154 Resp: 408543
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 11.3 0.0 33.0





#47

2-Chloronaphthalene

Concen: 43.662 ng

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

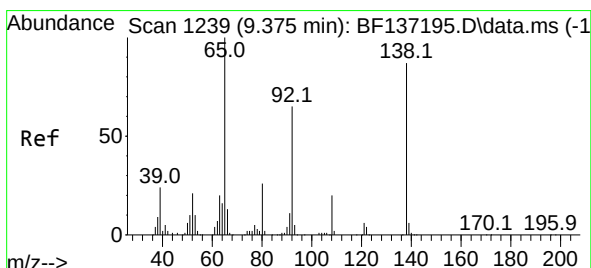
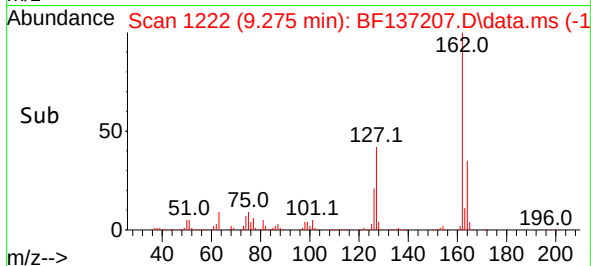
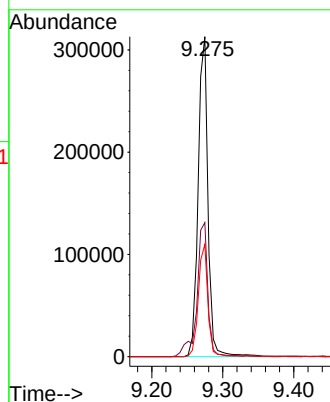
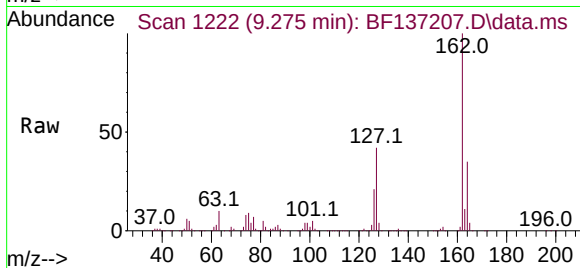
Tgt Ion:162 Resp: 301047

Ion Ratio Lower Upper

162 100

127 41.9 34.1 51.1

164 35.1 27.9 41.9



#48

2-Nitroaniline

Concen: 46.207 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

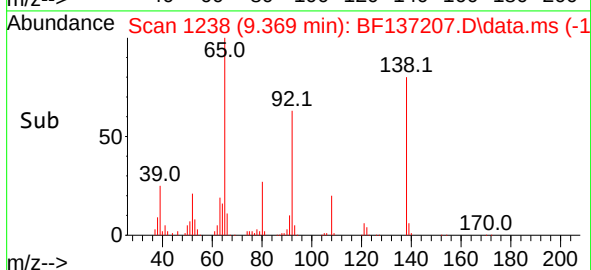
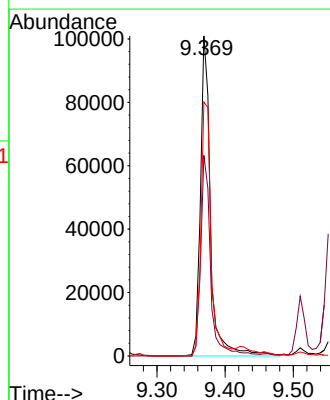
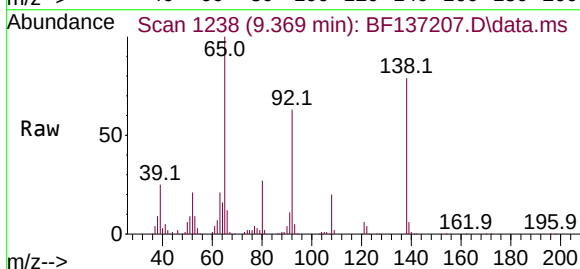
Tgt Ion: 65 Resp: 103115

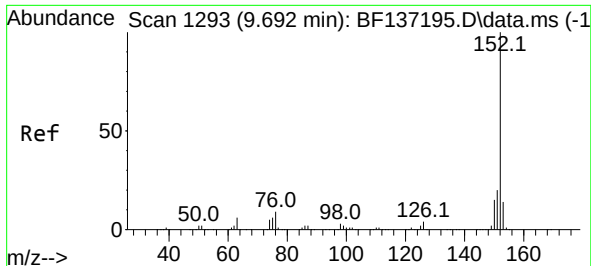
Ion Ratio Lower Upper

65 100

92 62.7 51.7 77.5

138 79.3 69.7 104.5





#49

Acenaphthylene

Concen: 43.020 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

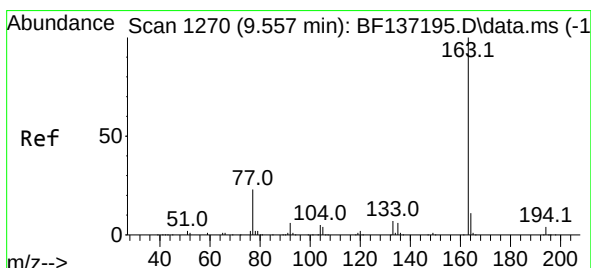
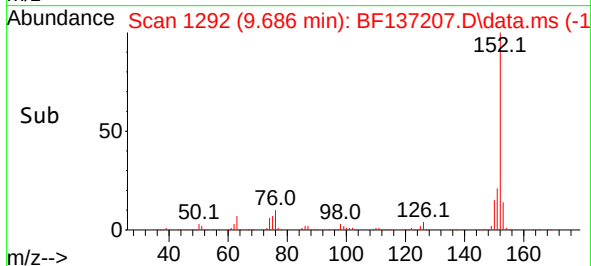
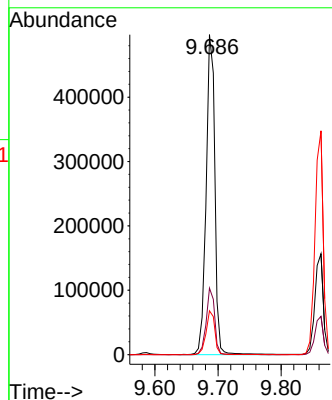
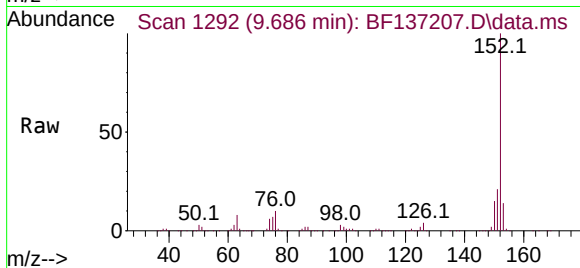
Tgt Ion:152 Resp: 474860

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.7 11.2 16.8



#50

Dimethylphthalate

Concen: 43.832 ng

RT: 9.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

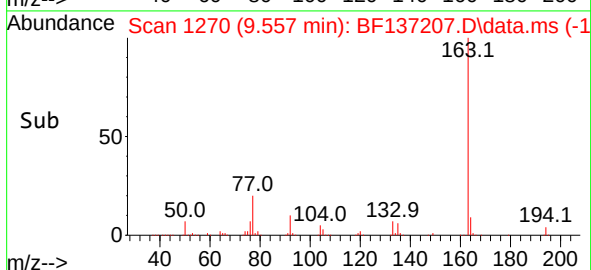
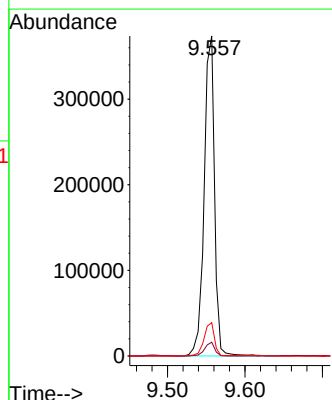
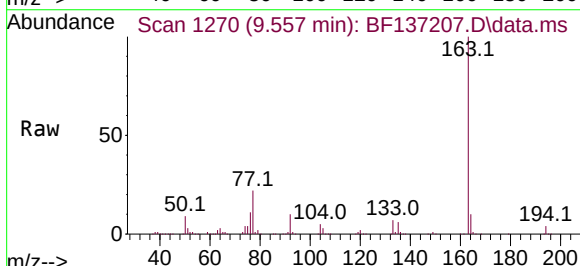
Tgt Ion:163 Resp: 346750

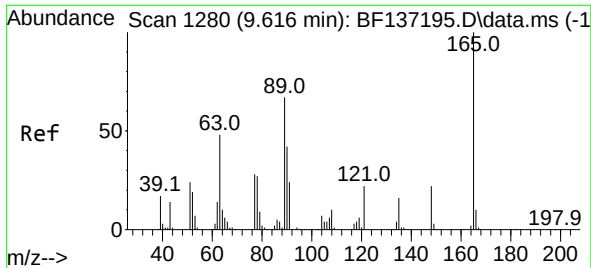
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.4 8.6 13.0

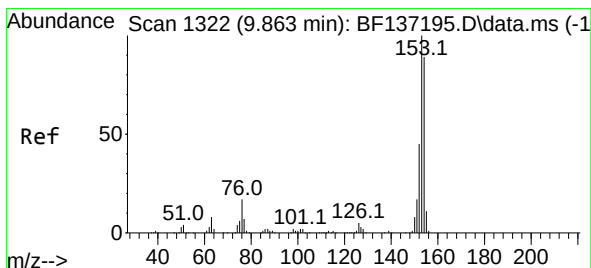
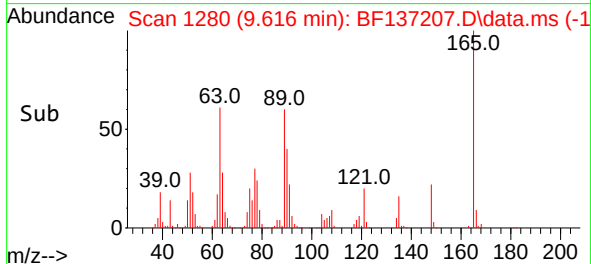
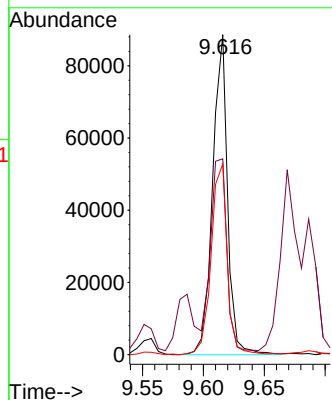
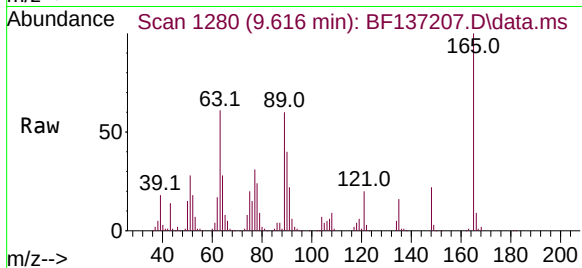




#51
2,6-Dinitrotoluene
Concen: 44.751 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

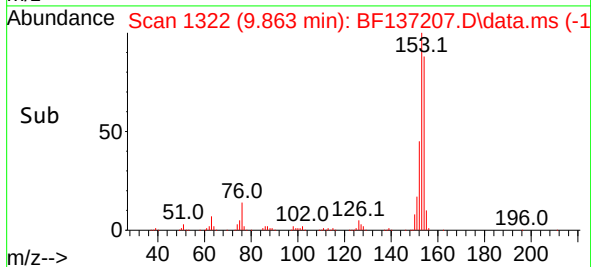
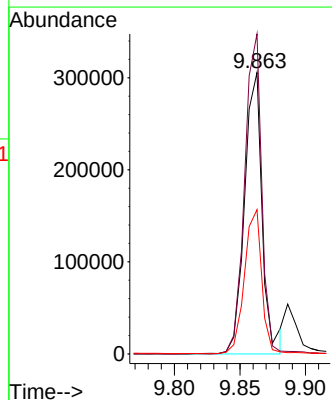
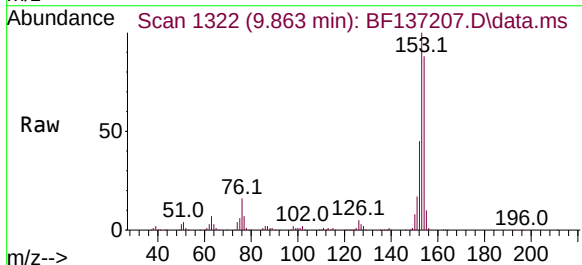
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

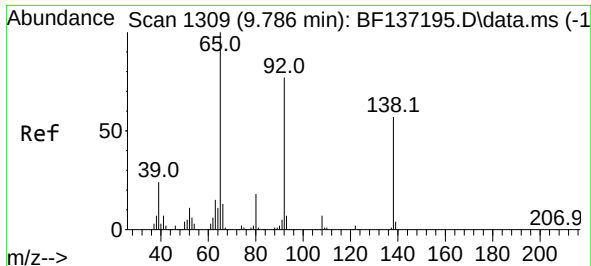
Tgt Ion:165 Resp: 75490
Ion Ratio Lower Upper
165 100
63 61.2 55.1 82.7
89 59.6 53.5 80.3



#52
Acenaphthene
Concen: 44.094 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:154 Resp: 286050
Ion Ratio Lower Upper
154 100
153 113.8 90.2 135.4
152 51.3 40.6 60.8

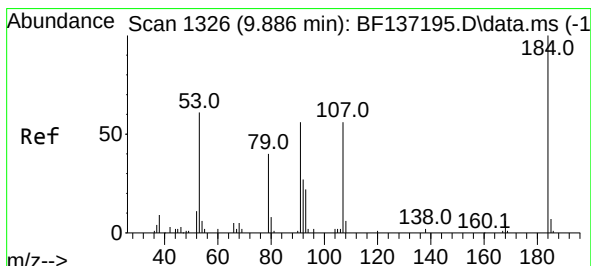
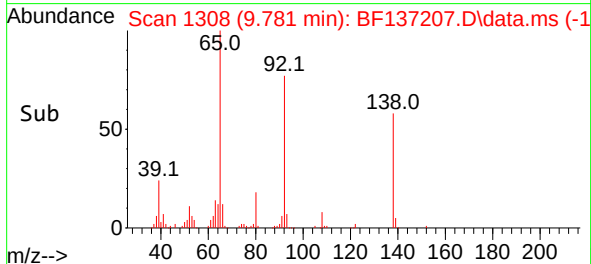
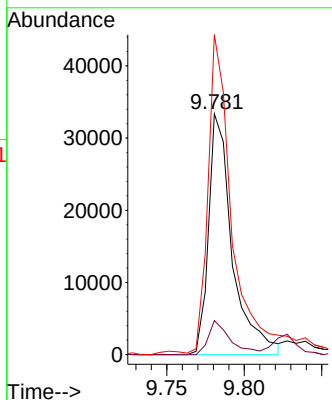
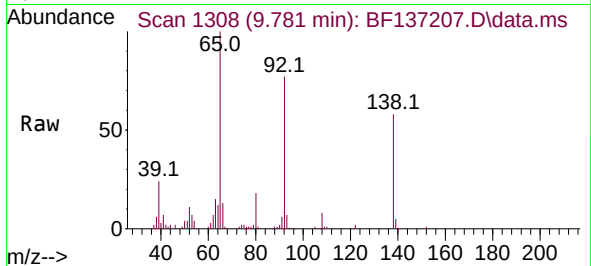




#53
3-Nitroaniline
Concen: 23.573 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

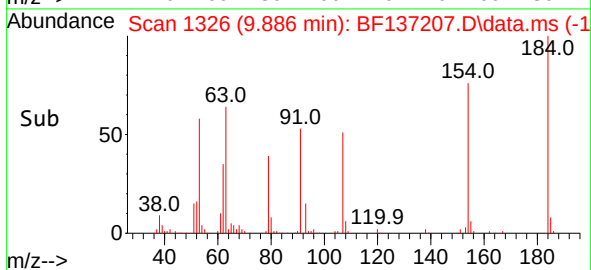
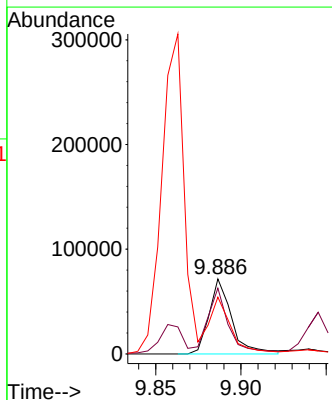
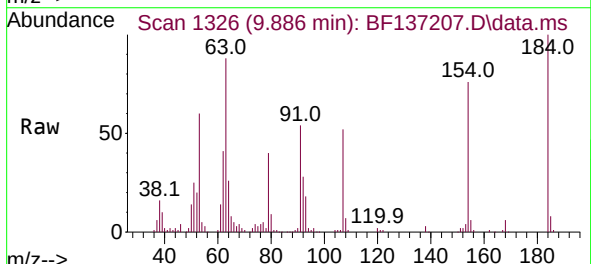
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

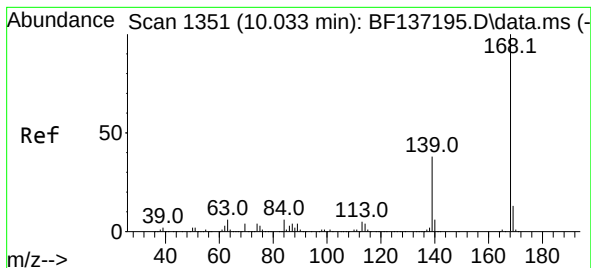
Tgt Ion:138 Resp: 35786
Ion Ratio Lower Upper
138 100
108 14.1 10.4 15.6
92 132.9 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 86.626 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:184 Resp: 65893
Ion Ratio Lower Upper
184 100
63 87.6 71.2 106.8
154 75.6 64.9 97.3





#55

Dibenzofuran

Concen: 42.452 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.001 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

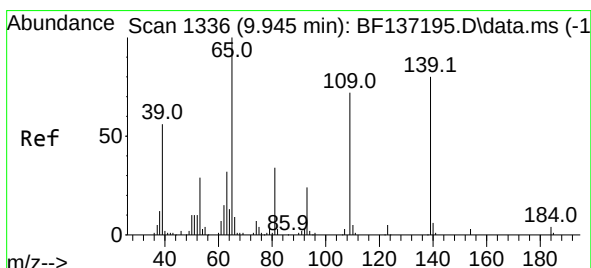
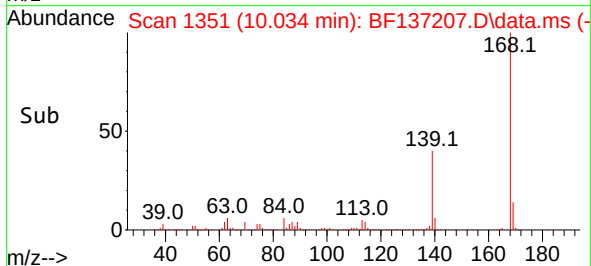
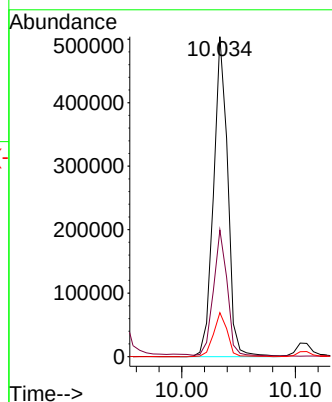
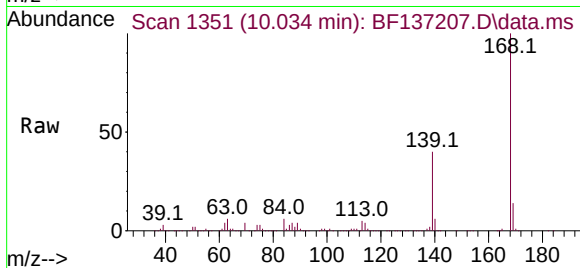
Tgt Ion:168 Resp: 438150

Ion Ratio Lower Upper

168 100

139 39.6 31.1 46.7

169 13.7 10.6 16.0



#56

4-Nitrophenol

Concen: 82.268 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

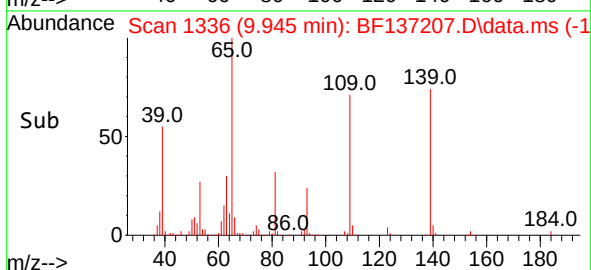
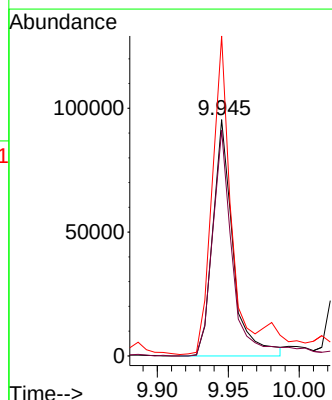
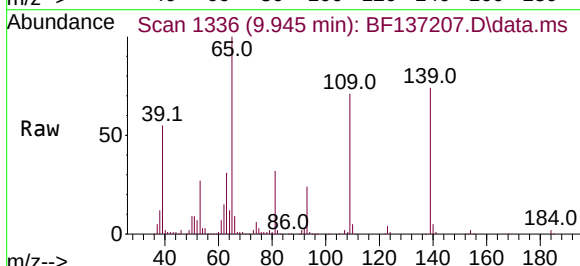
Tgt Ion:139 Resp: 93823

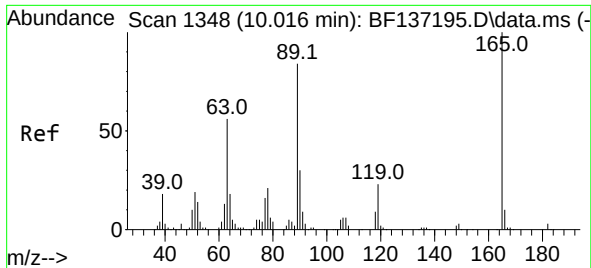
Ion Ratio Lower Upper

139 100

109 95.6 70.4 110.4

65 135.4 107.6 147.6

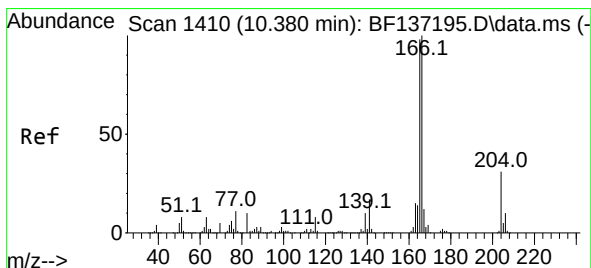
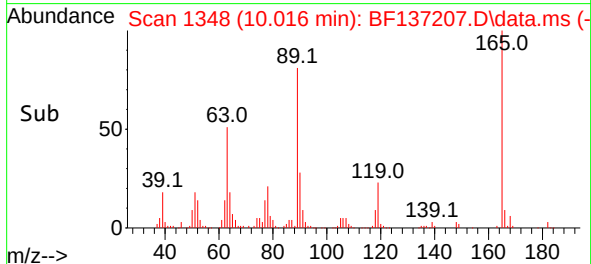
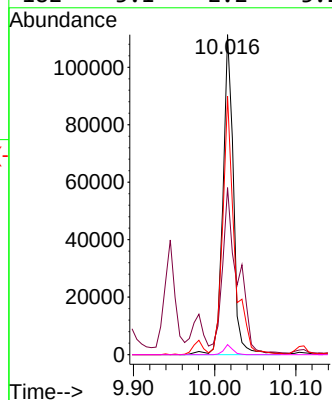
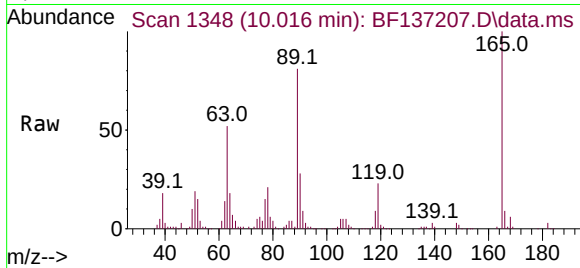




#57
2,4-Dinitrotoluene
Concen: 45.489 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

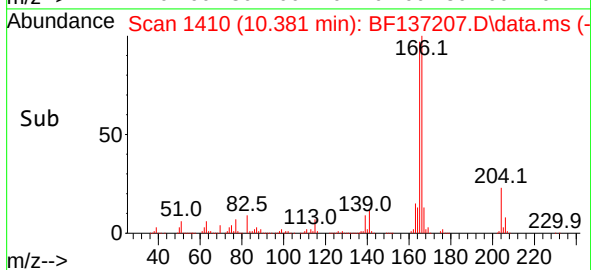
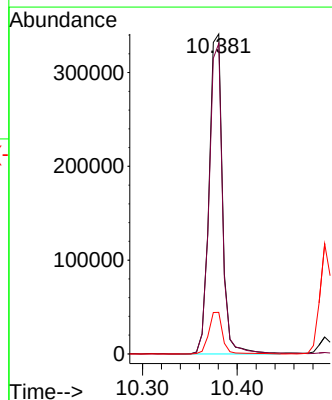
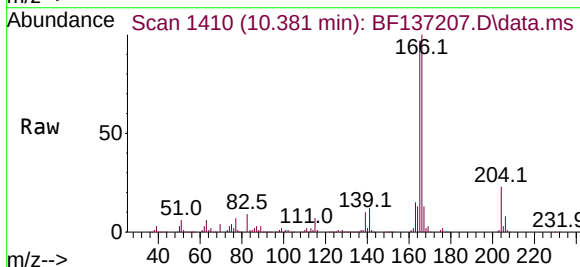
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

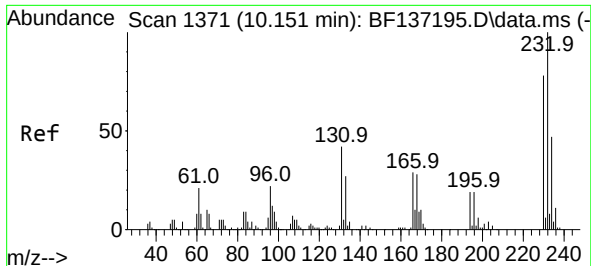
Tgt Ion:165 Resp: 99567
Ion Ratio Lower Upper
165 100
63 52.2 46.1 69.1
89 80.7 67.5 101.3
182 3.1 2.2 3.2



#58
Fluorene
Concen: 41.520 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:166 Resp: 335953
Ion Ratio Lower Upper
166 100
165 97.0 78.5 117.7
167 13.0 10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.966 ng

RT: 10.151 min Scan# 1371

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

Tgt Ion:232 Resp: 97116

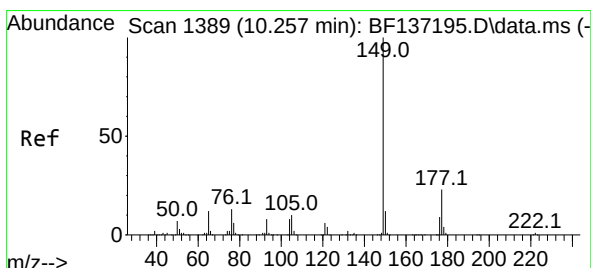
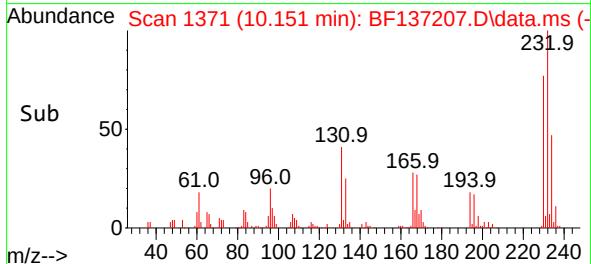
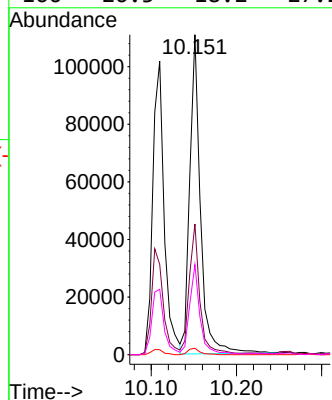
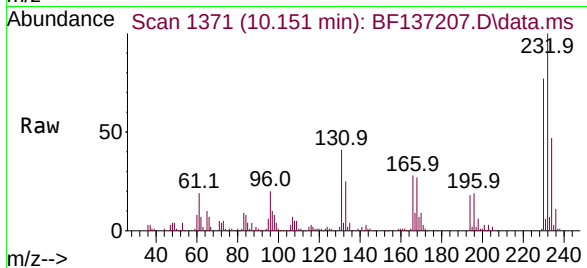
Ion Ratio Lower Upper

232 100

131 38.9 27.4 41.2

130 2.2 1.7 2.5

166 26.3 18.2 27.2



#60

Diethylphthalate

Concen: 43.643 ng

RT: 10.257 min Scan# 1389

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

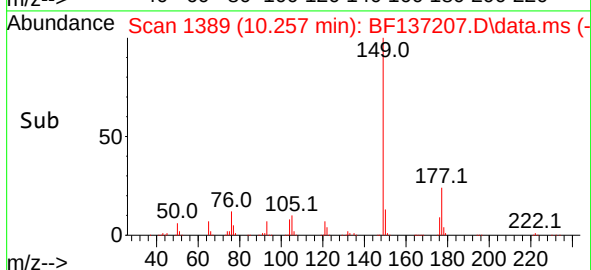
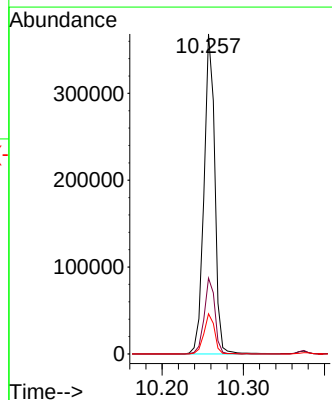
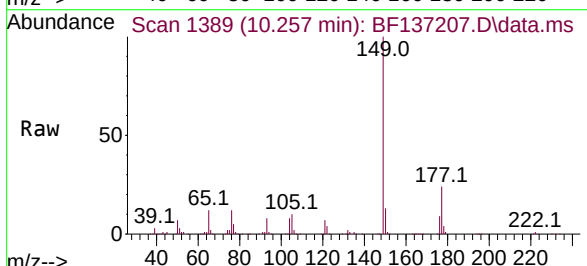
Tgt Ion:149 Resp: 339944

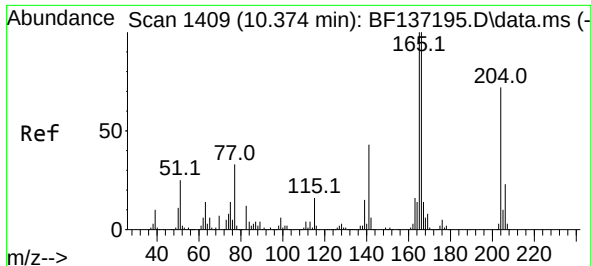
Ion Ratio Lower Upper

149 100

177 23.7 18.0 27.0

150 12.5 9.6 14.4

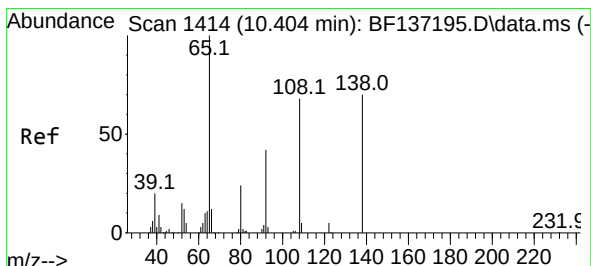
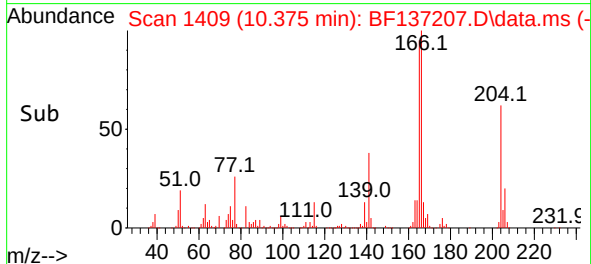
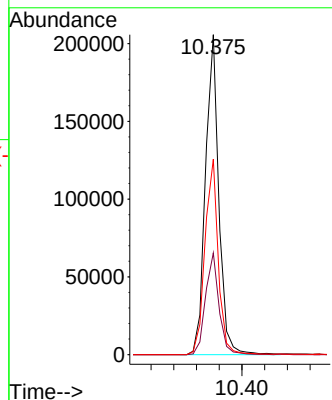
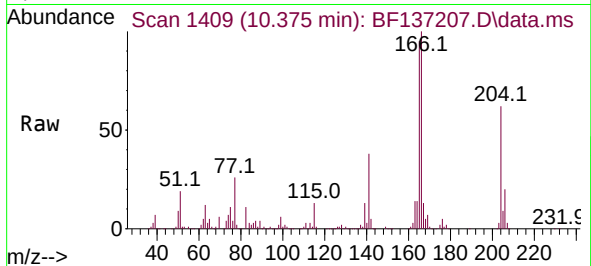




#61
4-Chlorophenyl-phenylether
Concen: 41.782 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

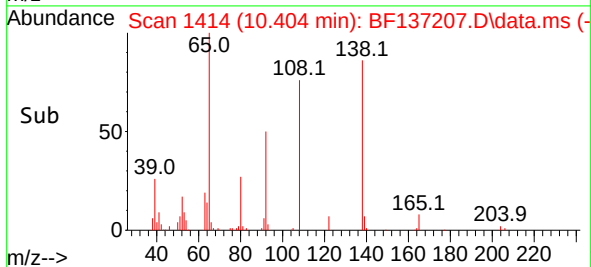
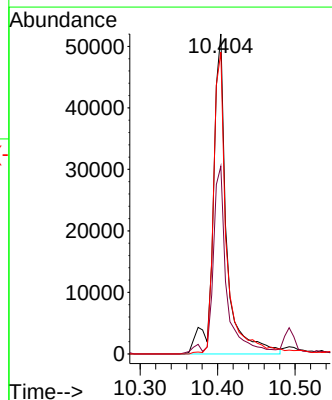
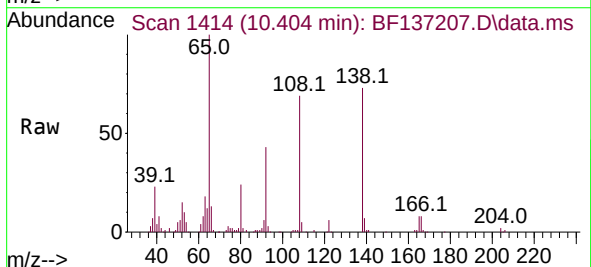
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

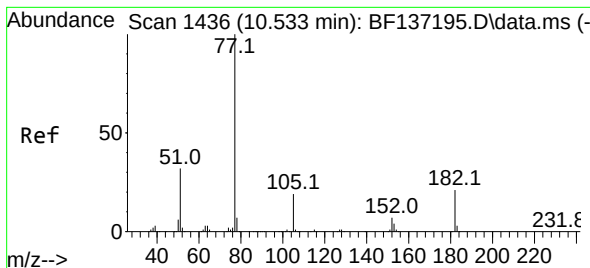
Tgt Ion:204 Resp: 168041
Ion Ratio Lower Upper
204 100
206 31.8 25.5 38.3
141 61.1 48.3 72.5



#62
4-Nitroaniline
Concen: 43.089 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:138 Resp: 62611
Ion Ratio Lower Upper
138 100
92 58.6 39.3 79.3
108 94.3 75.3 115.3





#63

Azobenzene

Concen: 41.657 ng

RT: 10.534 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

Tgt Ion: 77 Resp: 359356

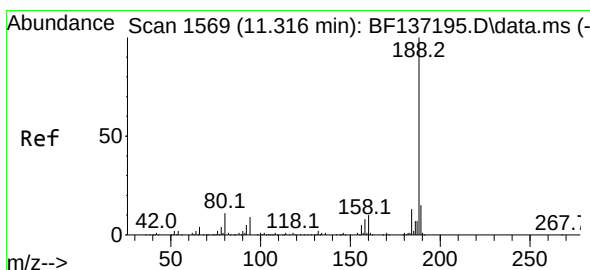
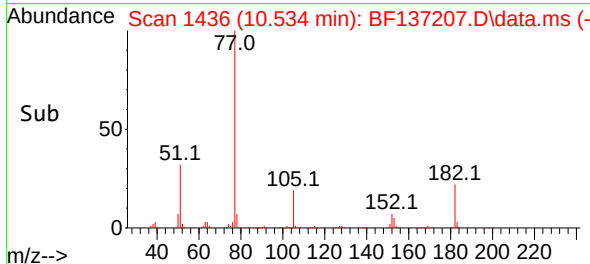
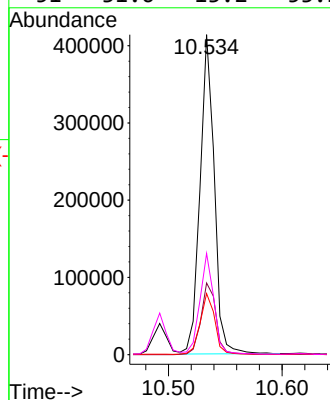
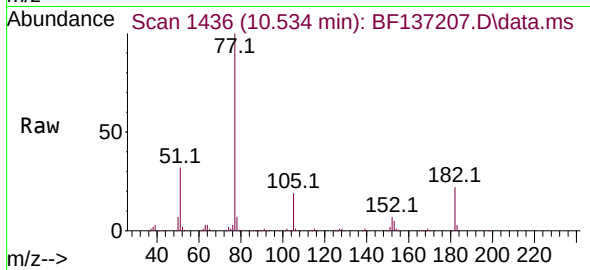
Ion Ratio Lower Upper

77 100

182 22.4 1.1 41.1

105 19.1 0.0 38.9

51 31.6 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

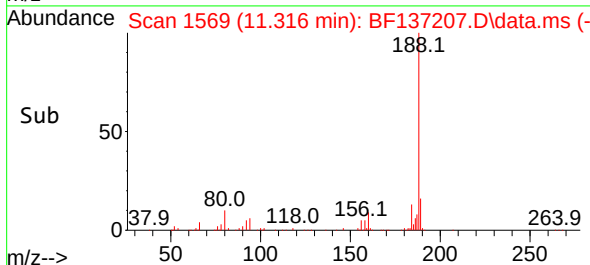
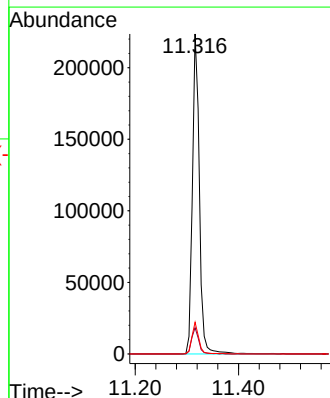
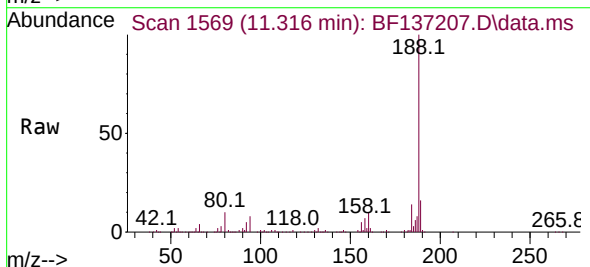
Tgt Ion: 188 Resp: 208932

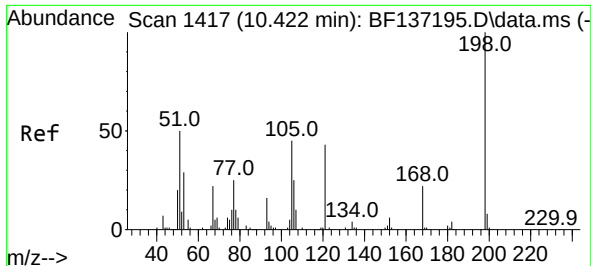
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.9 8.8 13.2

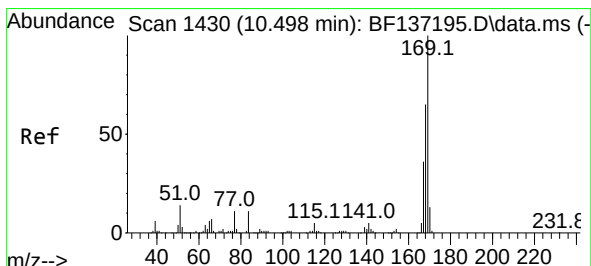
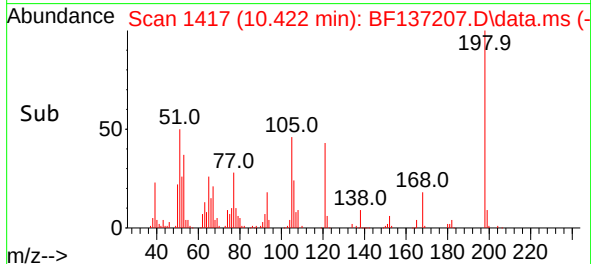
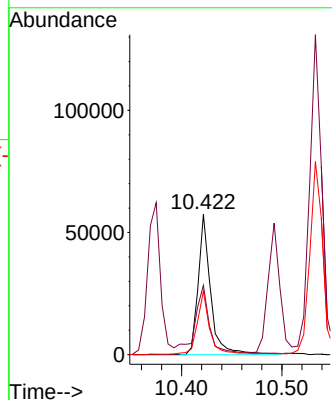
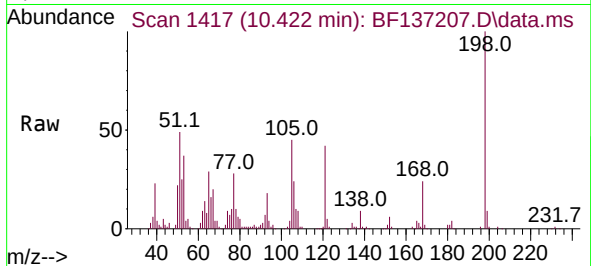




#65
4,6-Dinitro-2-methylphenol
Concen: 45.078 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

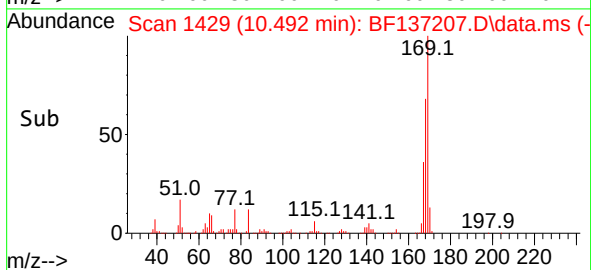
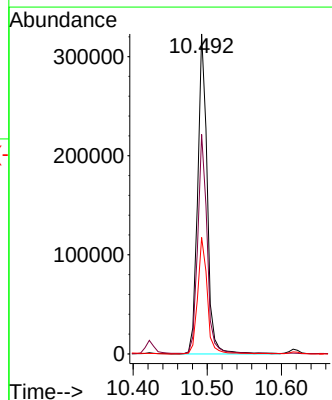
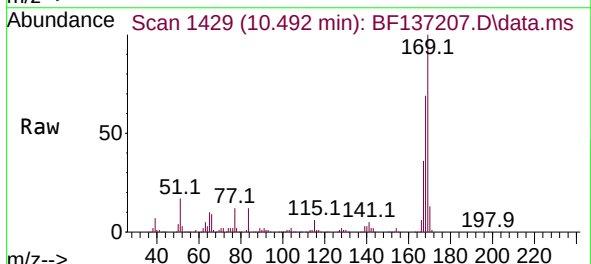
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

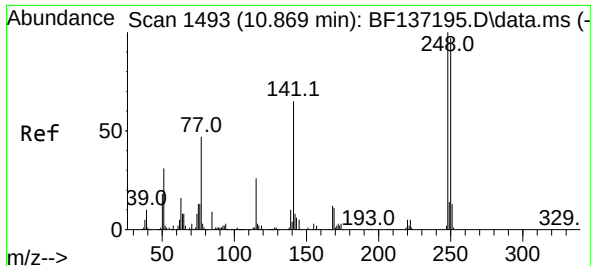
Tgt Ion:198 Resp: 49475
Ion Ratio Lower Upper
198 100
51 49.4 40.9 80.9
105 45.2 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.479 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:169 Resp: 288915
Ion Ratio Lower Upper
169 100
168 68.6 51.9 77.9
167 36.4 29.0 43.6

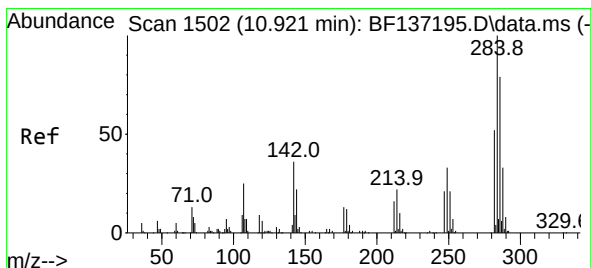
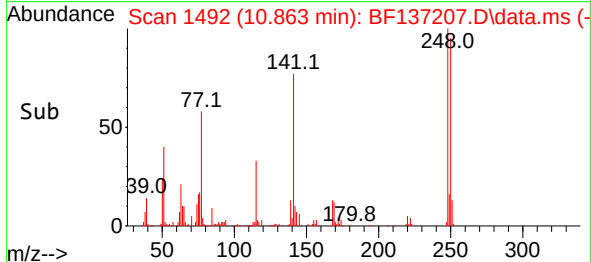
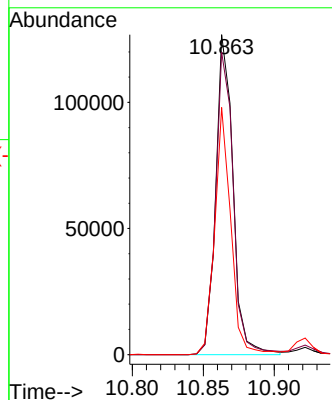
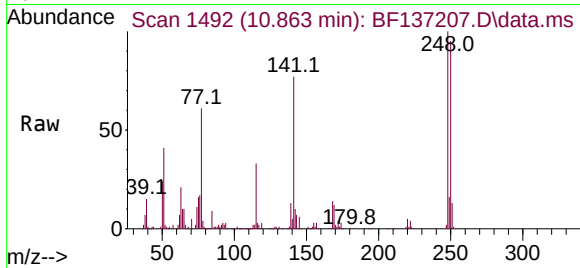




#67
4-Bromophenyl-phenylether
Concen: 46.720 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

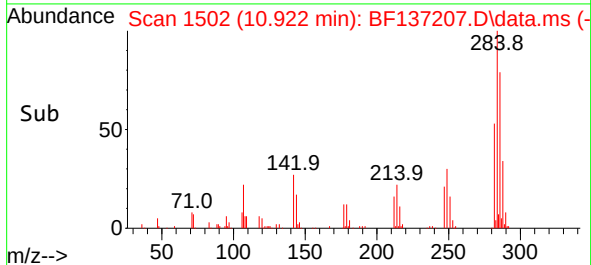
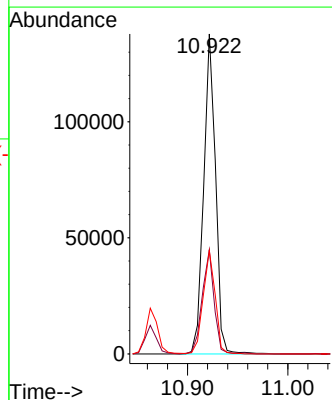
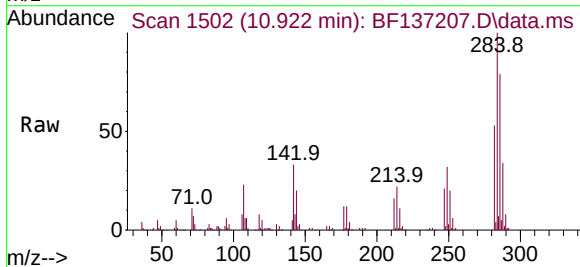
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

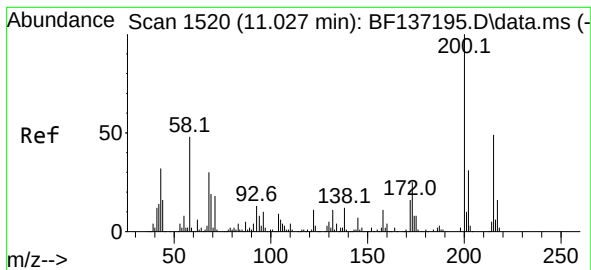
Tgt Ion:248 Resp: 107333
Ion Ratio Lower Upper
248 100
250 94.5 77.7 116.5
141 77.2 51.6 77.4



#68
Hexachlorobenzene
Concen: 43.852 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:284 Resp: 112528
Ion Ratio Lower Upper
284 100
142 32.5 28.7 43.1
249 32.3 27.0 40.4





#69

Atrazine

Concen: 45.916 ng

RT: 11.028 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

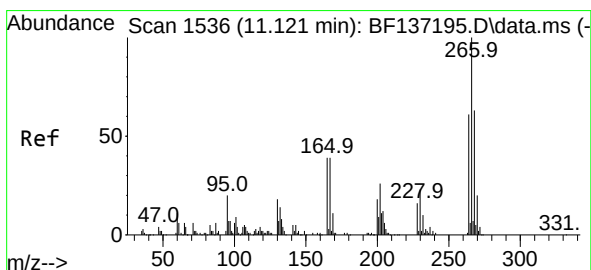
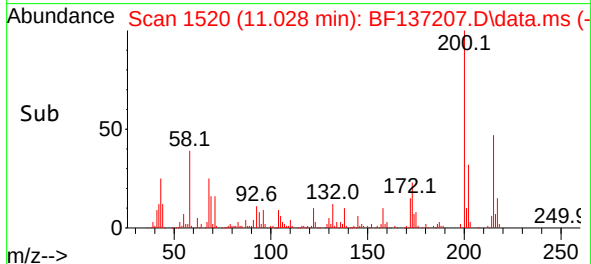
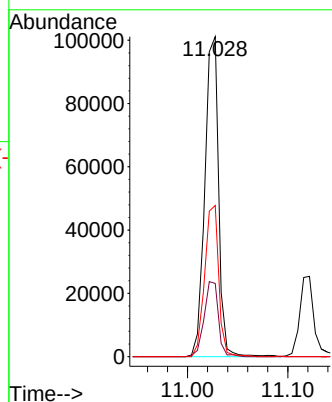
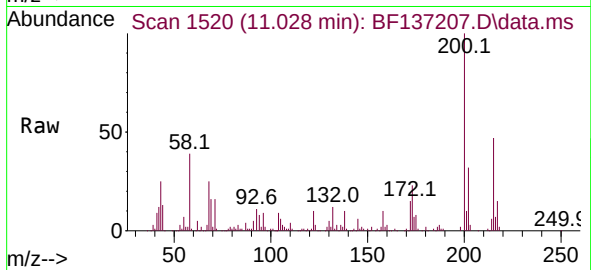
Tgt Ion:200 Resp: 96292

Ion Ratio Lower Upper

200 100

173 22.9 5.3 45.3

215 47.2 29.4 69.4



#70

Pentachlorophenol

Concen: 90.067 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.001 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

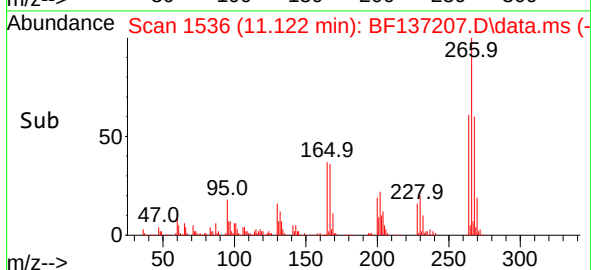
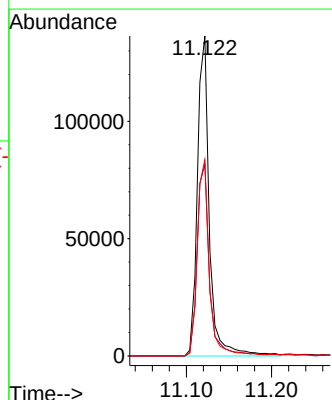
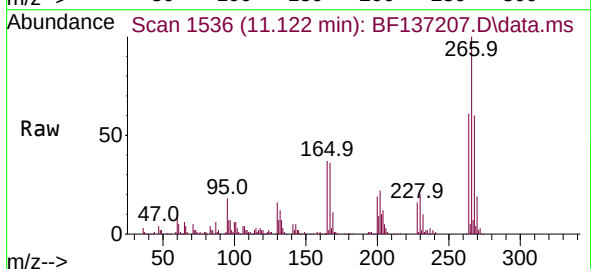
Tgt Ion:266 Resp: 132490

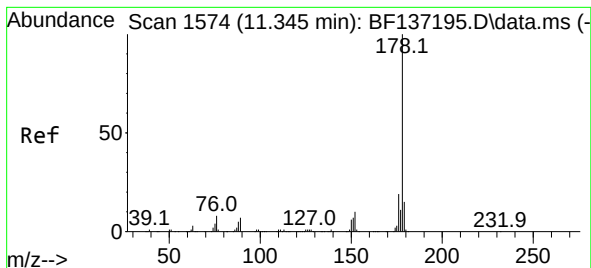
Ion Ratio Lower Upper

266 100

268 59.9 50.6 76.0

264 61.3 48.8 73.2





#71

Phenanthrene

Concen: 43.388 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

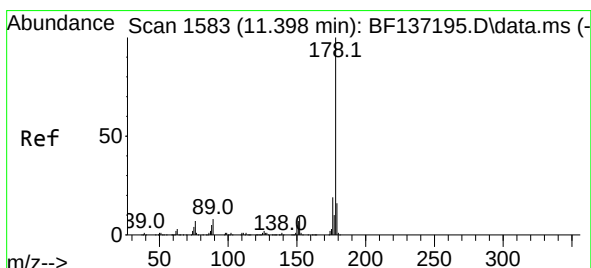
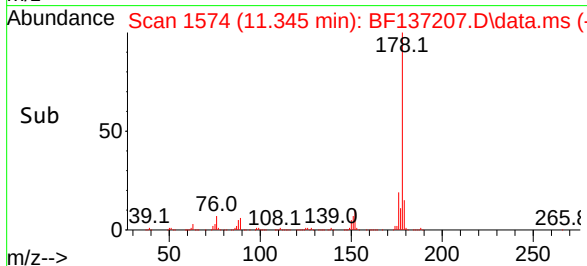
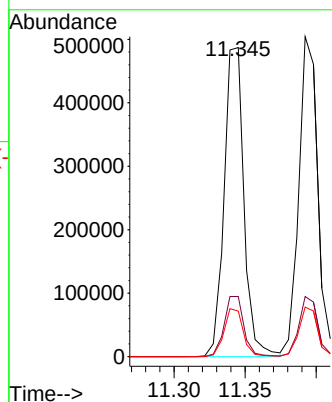
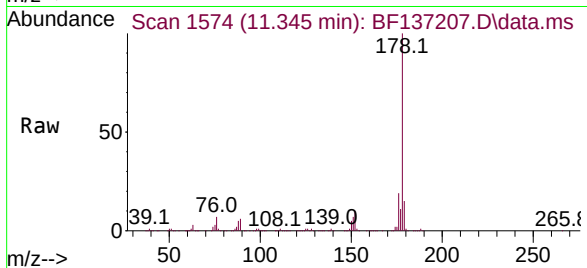
Tgt Ion:178 Resp: 474575

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 14.7 12.1 18.1



#72

Anthracene

Concen: 42.435 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

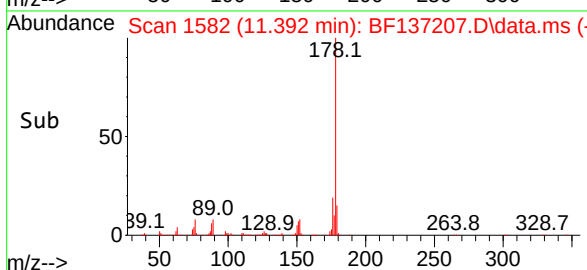
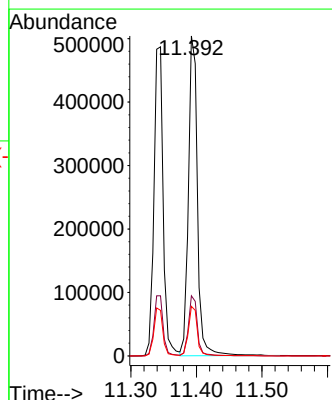
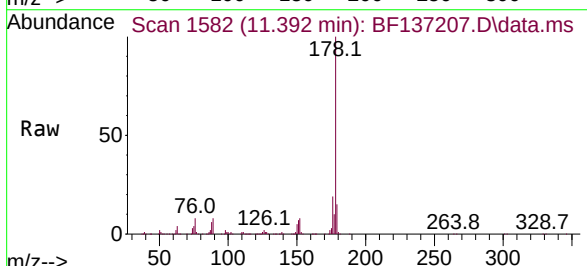
Tgt Ion:178 Resp: 483776

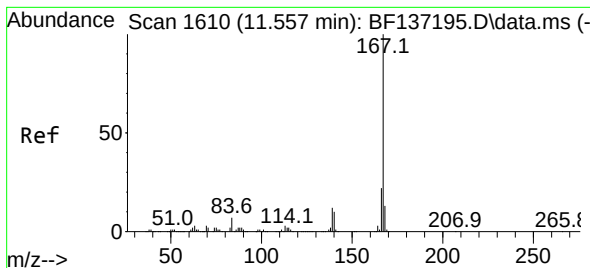
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.5 12.7 19.1





#73

Carbazole

Concen: 42.351 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

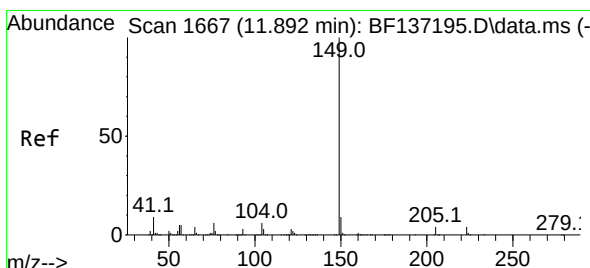
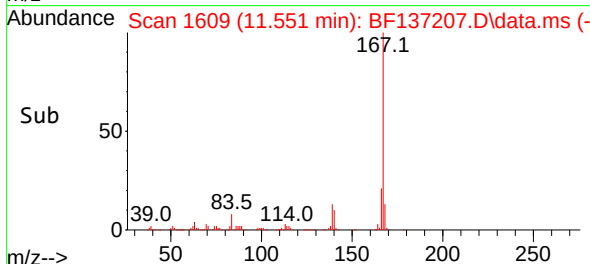
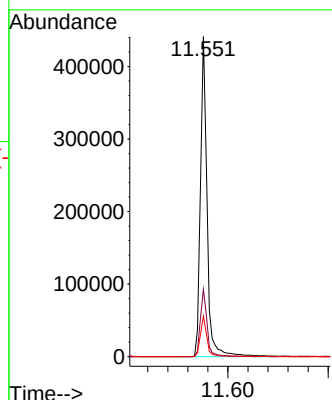
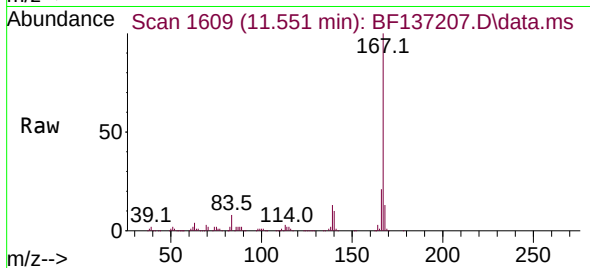
Tgt Ion:167 Resp: 403512

Ion Ratio Lower Upper

167 100

166 21.0 17.6 26.4

139 12.7 9.7 14.5



#74

Di-n-butylphthalate

Concen: 47.876 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

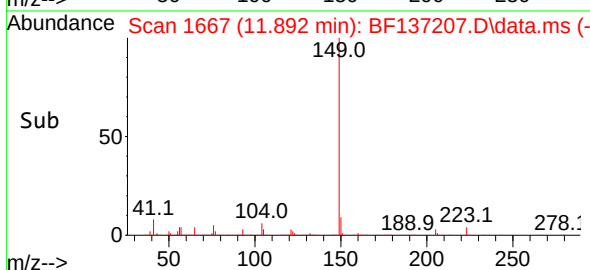
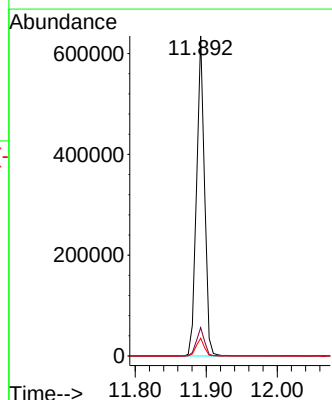
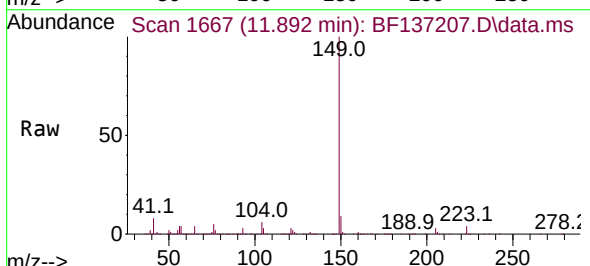
Tgt Ion:149 Resp: 493080

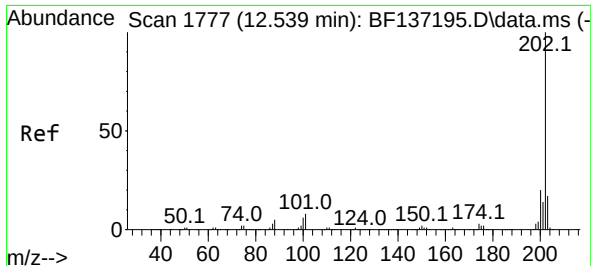
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

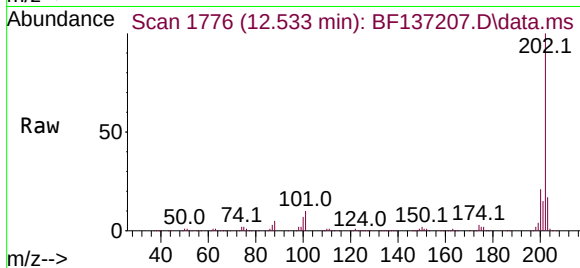
104 5.5 4.5 6.7



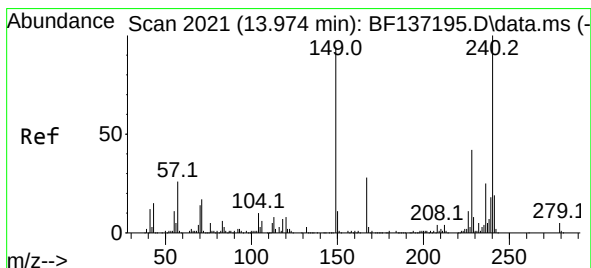
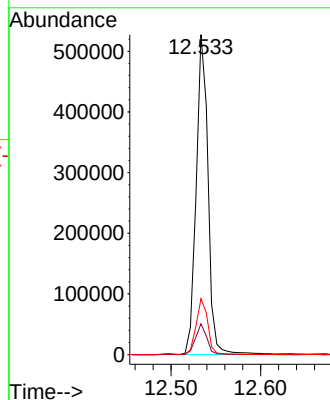
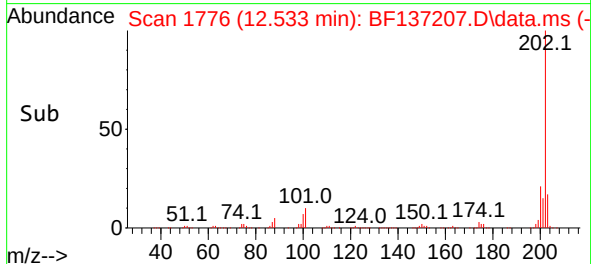


#75
Fluoranthene
Concen: 42.264 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

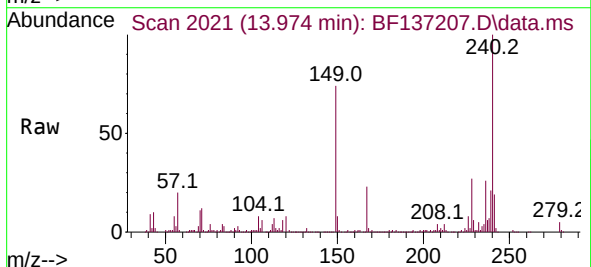
Instrument :
BNA_F
ClientSampleId :
TP-38MSD



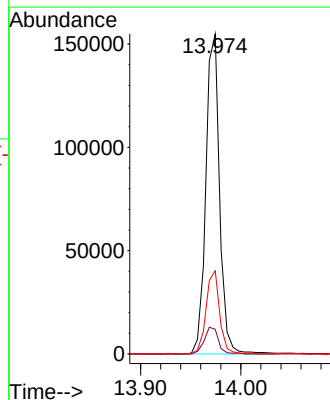
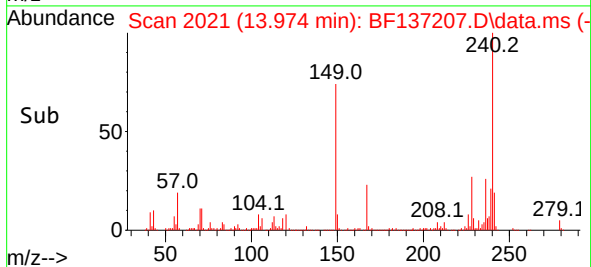
Tgt Ion:202 Resp: 483728
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.4
203 17.5 0.0 37.3

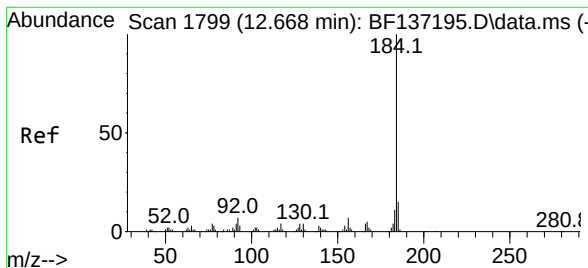


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35



Tgt Ion:240 Resp: 146850
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.0 20.3 30.5





#77

Benzidine

Concen: 54.141 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

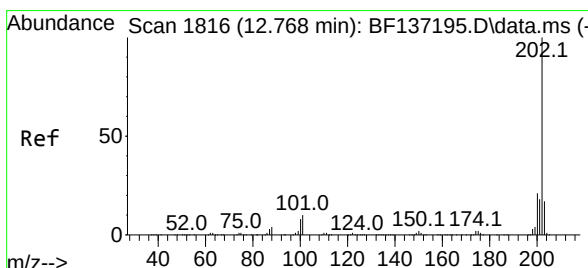
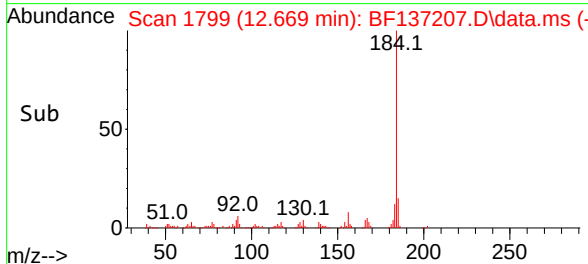
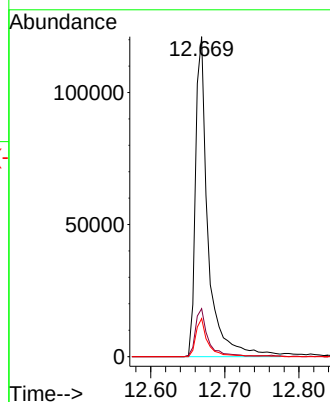
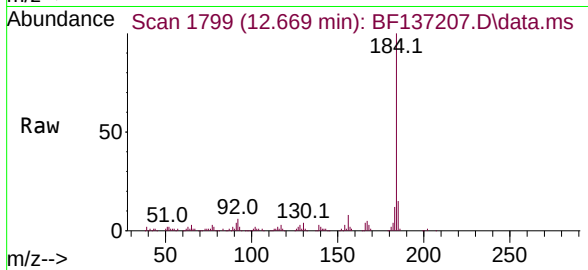
Tgt Ion:184 Resp: 142368

Ion Ratio Lower Upper

184 100

185 15.0 11.9 17.9

183 11.9 8.8 13.2



#78

Pyrene

Concen: 35.197 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

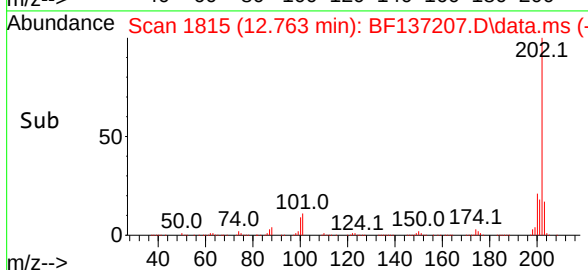
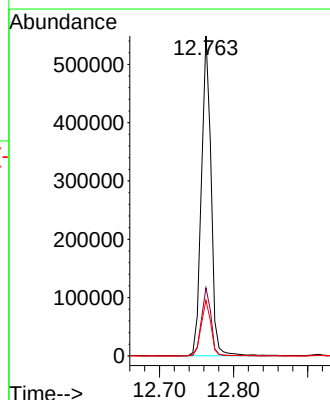
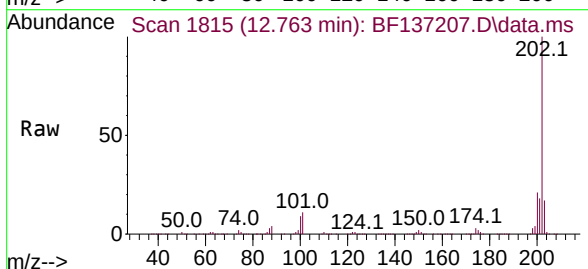
Tgt Ion:202 Resp: 496714

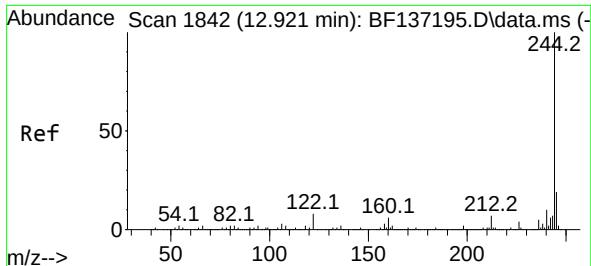
Ion Ratio Lower Upper

202 100

200 21.3 16.5 24.7

203 17.4 13.8 20.6

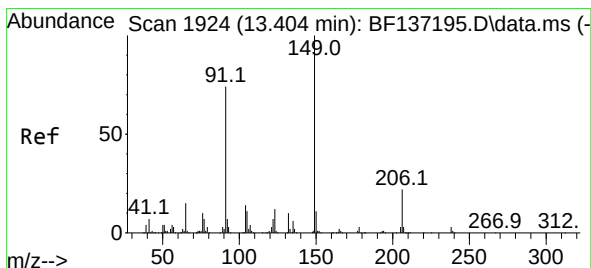
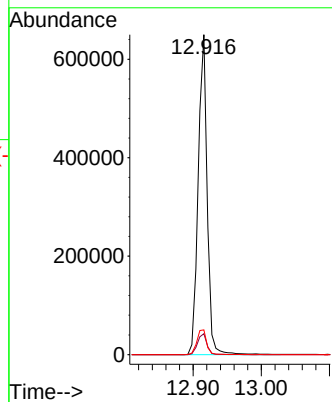
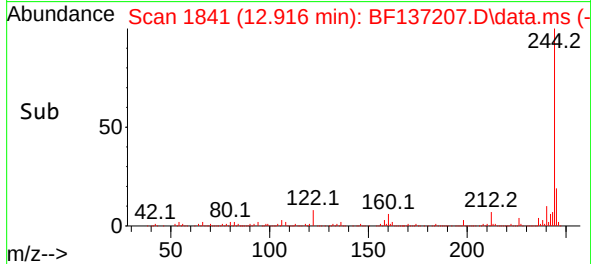
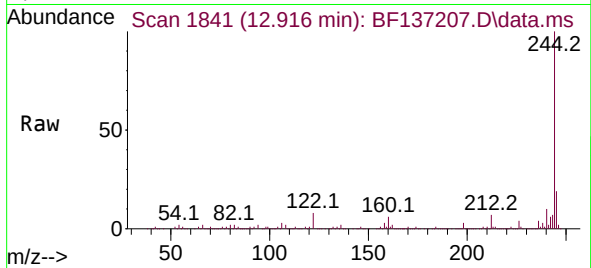




#79
 Terphenyl-d14
 Concen: 55.082 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137207.D
 Acq: 31 Jan 2024 13:35

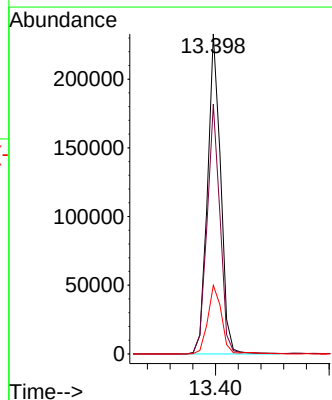
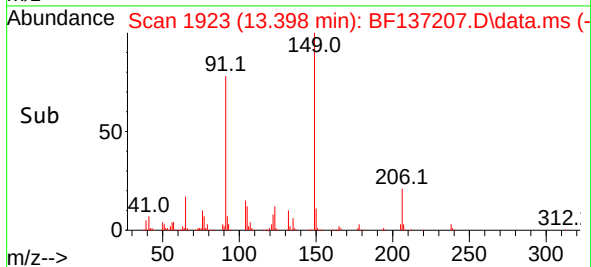
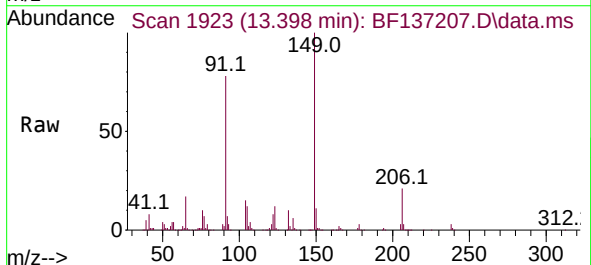
Instrument :
 BNA_F
 ClientSampleId :
 TP-38MSD

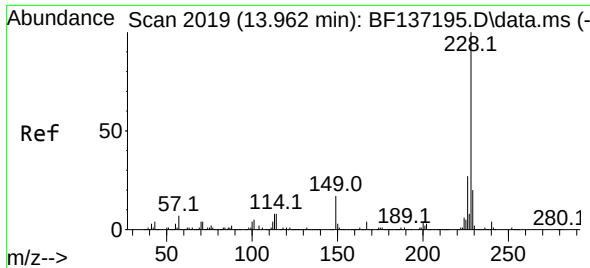
Tgt Ion:244 Resp: 595003
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 7.7 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 51.899 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137207.D
 Acq: 31 Jan 2024 13:35

Tgt Ion:149 Resp: 187359
 Ion Ratio Lower Upper
 149 100
 91 78.0 58.8 88.2
 206 21.4 17.7 26.5

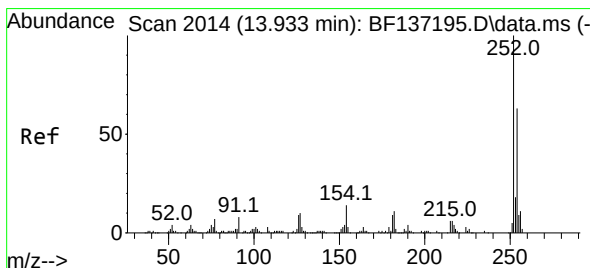
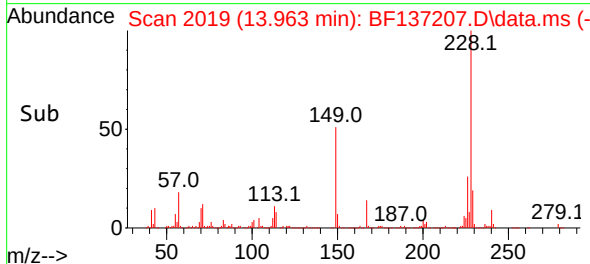
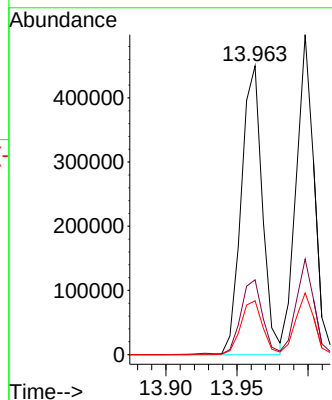
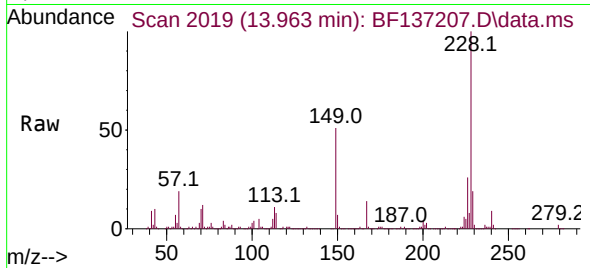




#81
Benzo(a)anthracene
Concen: 44.510 ng
RT: 13.963 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

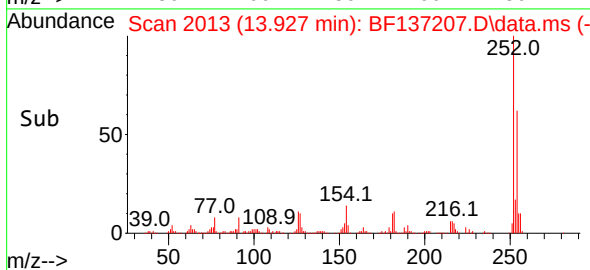
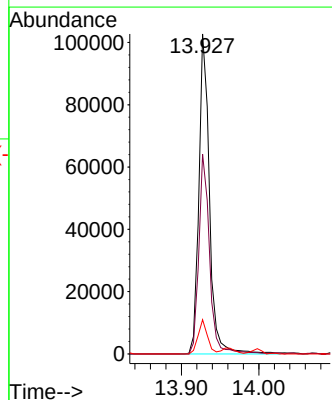
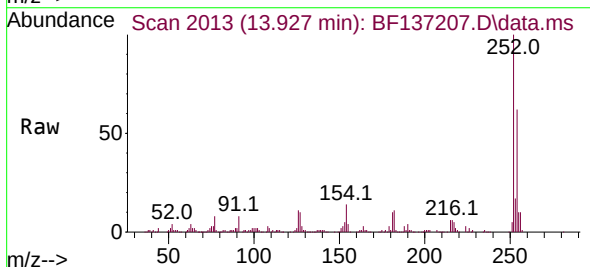
Instrument :
BNA_F
ClientSampleId :
TP-38MSD

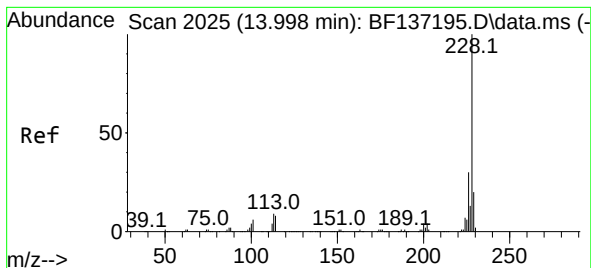
Tgt Ion:228 Resp: 462902
Ion Ratio Lower Upper
228 100
226 25.9 21.6 32.4
229 18.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 34.371 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:252 Resp: 97389
Ion Ratio Lower Upper
252 100
254 62.4 50.2 75.2
126 10.7 7.0 10.6#





#83

Chrysene

Concen: 43.352 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

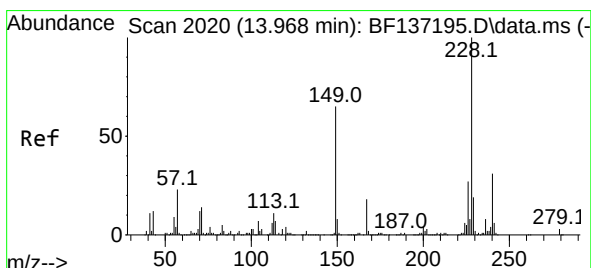
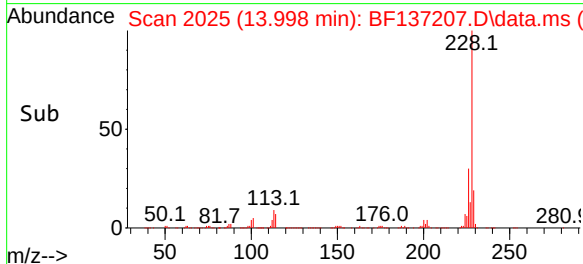
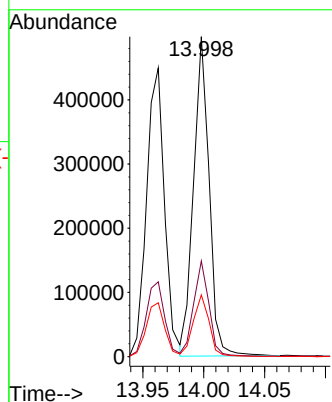
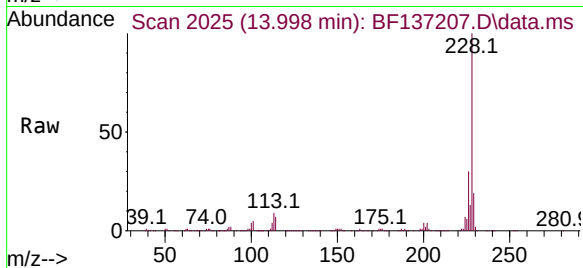
Tgt Ion:228 Resp: 443254

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.027 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

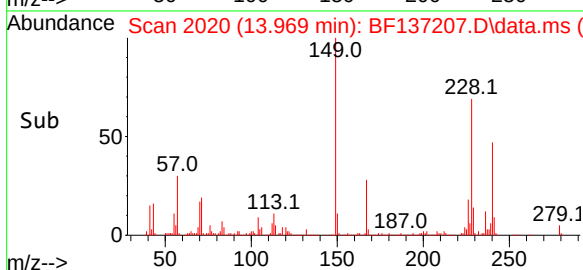
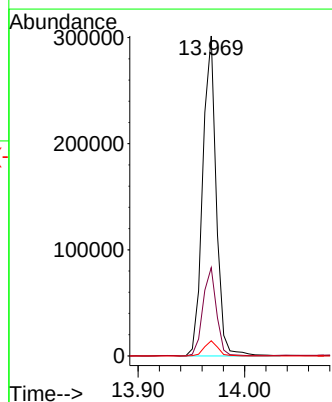
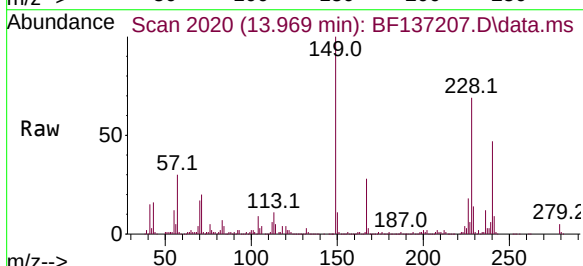
Tgt Ion:149 Resp: 264715

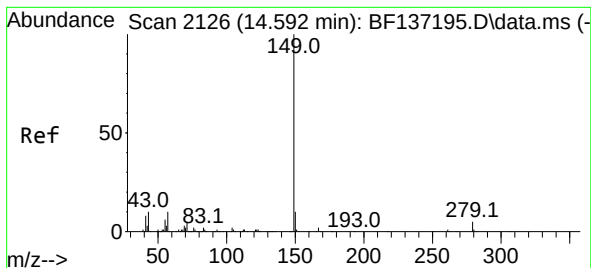
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 71.979 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

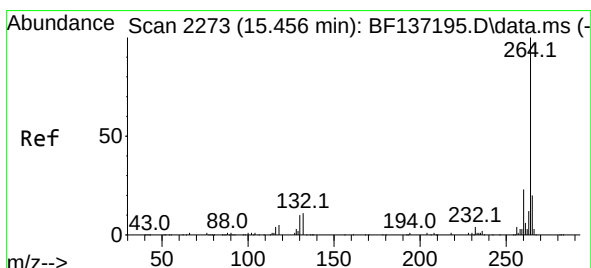
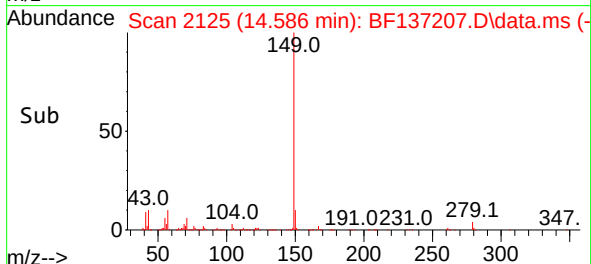
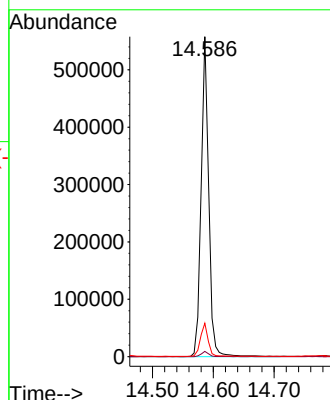
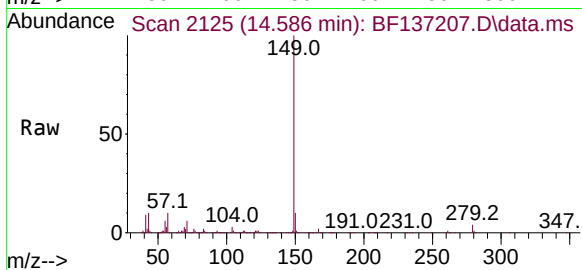
Tgt Ion:149 Resp: 480688

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

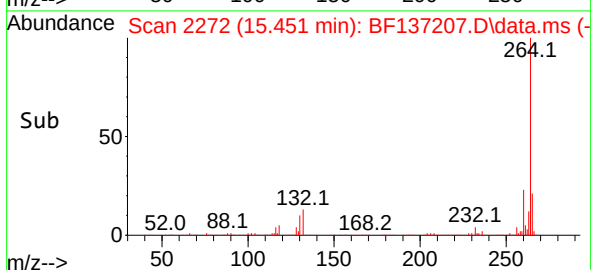
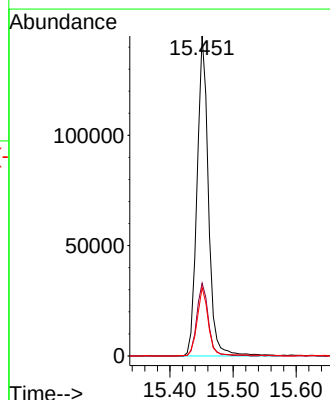
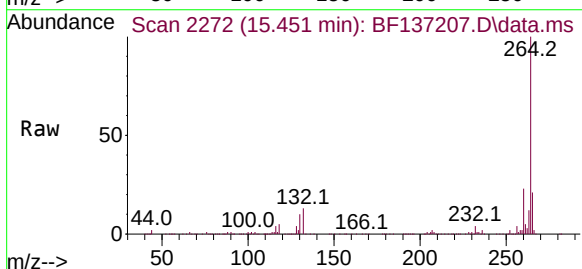
Tgt Ion:264 Resp: 182128

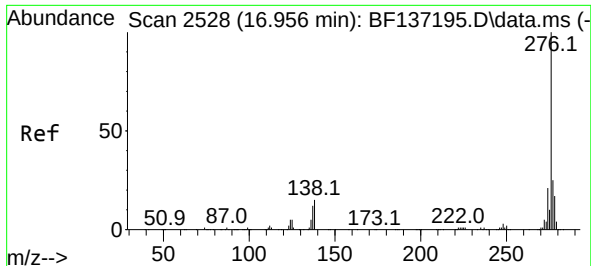
Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

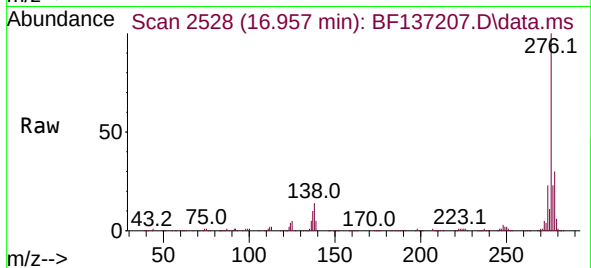
265 21.3 16.2 24.2



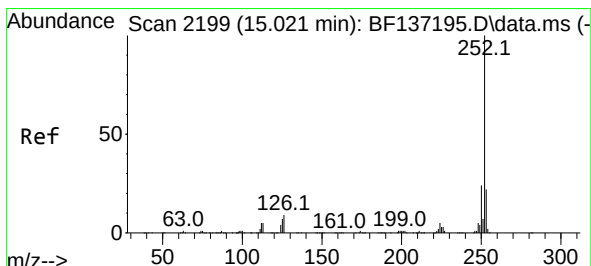
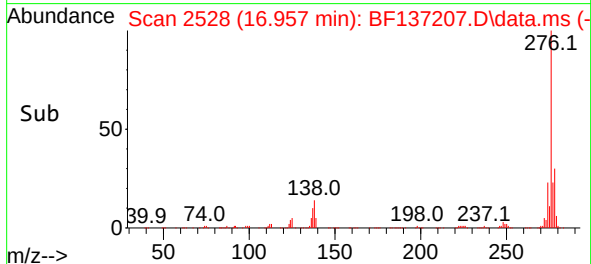
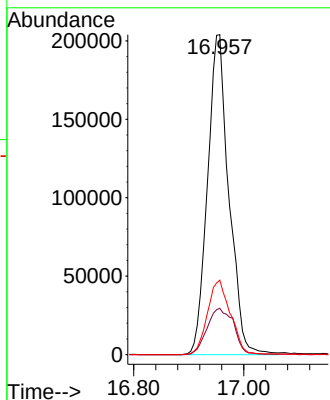


#87
Indeno(1,2,3-cd)pyrene
Concen: 43.124 ng
RT: 16.957 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Instrument :
BNA_F
ClientSampleId :
TP-38MSD

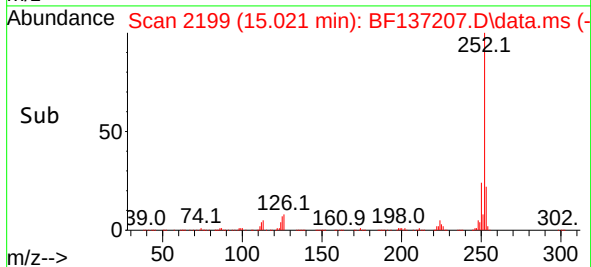
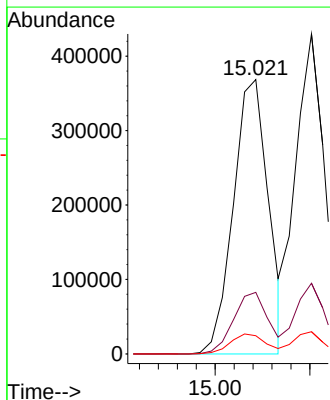
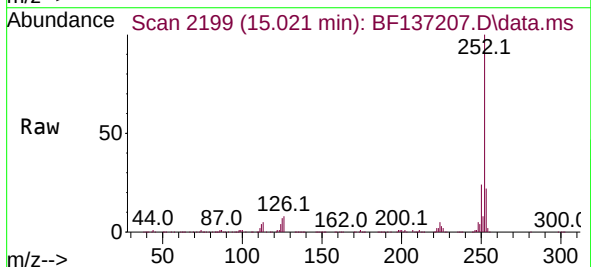


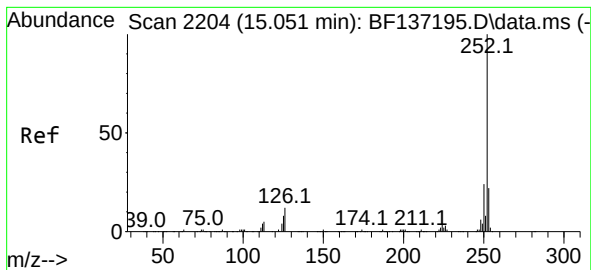
Tgt Ion:276 Resp: 551793
Ion Ratio Lower Upper
276 100
138 18.0 14.6 21.8
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.244 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:252 Resp: 473157
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 6.6 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 39.542 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

Instrument :

BNA_F

ClientSampleId :

TP-38MSD

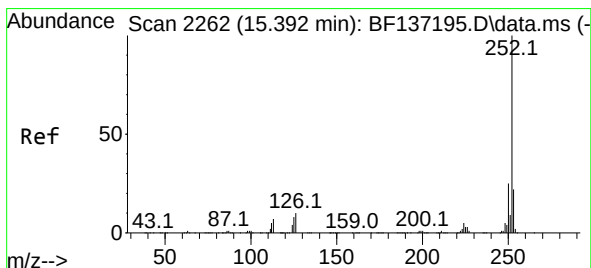
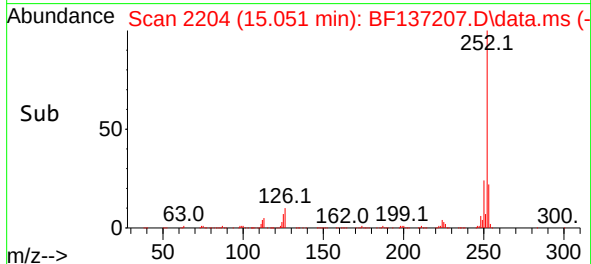
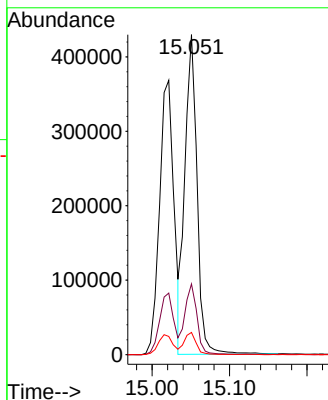
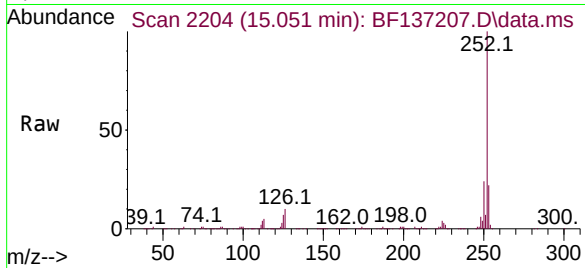
Tgt Ion:252 Resp: 468531

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 6.9 5.9 8.9



#90

Benzo(a)pyrene

Concen: 41.657 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF137207.D

Acq: 31 Jan 2024 13:35

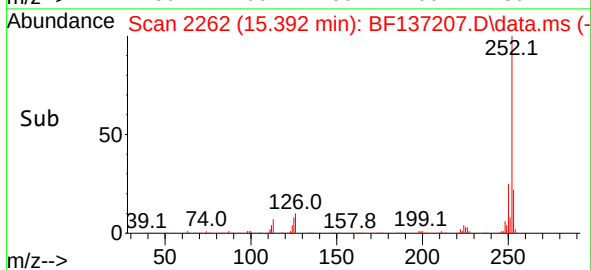
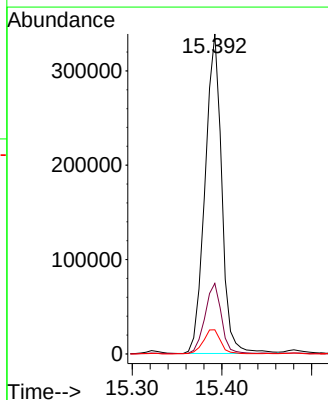
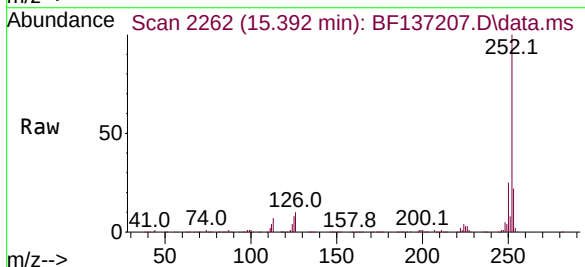
Tgt Ion:252 Resp: 439086

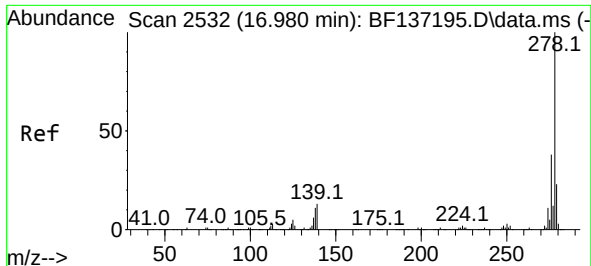
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.5 6.5 9.7

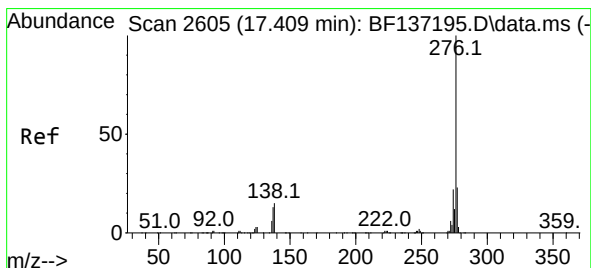
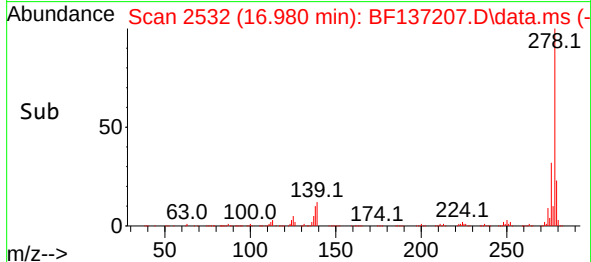
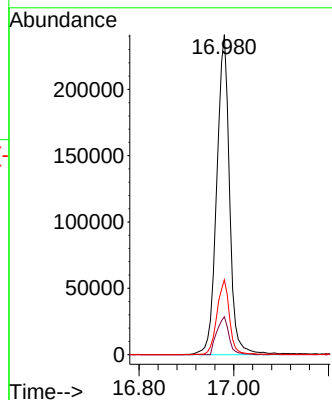
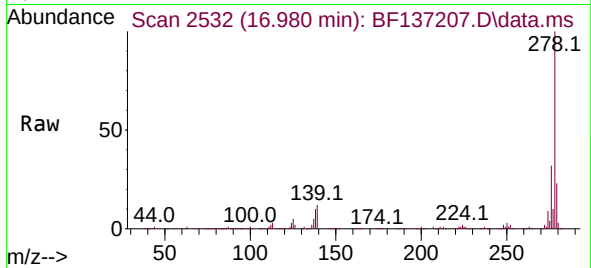




#91
Dibenzo(a,h)anthracene
Concen: 44.136 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Instrument :
BNA_F
ClientSampleId :
TP-38MSD

Tgt Ion:278 Resp: 452510
Ion Ratio Lower Upper
278 100
139 11.8 10.0 15.0
279 23.4 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 41.723 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF137207.D
Acq: 31 Jan 2024 13:35

Tgt Ion:276 Resp: 419854
Ion Ratio Lower Upper
276 100
277 23.1 18.4 27.6
138 14.8 11.8 17.8

