

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137296.D
 Acq On : 06 Feb 2024 17:23
 Operator : CG\JU
 Sample : P1318-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 18:05:22 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	6.792	152	61008	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	230056	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	130976	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	247278	20.000	ng	0.00
76) Chrysene-d12	13.974	240	139411	20.000	ng	0.00
86) Perylene-d12	15.457	264	130233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	474707	128.394	ng	0.02
7) Phenol-d6	6.434	99	595813	112.921	ng	0.00
23) Nitrobenzene-d5	7.357	82	462386	89.986	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	214826	145.233	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	847258	88.925	ng	0.00
79) Terphenyl-d14	12.916	244	914196	89.146	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	64491	32.599	ng	# 81
3) Pyridine	3.451	79	89608	23.993	ng	91
4) n-Nitrosodimethylamine	3.393	42	92628	46.204	ng	95
6) Aniline	6.463	93	99382	17.595	ng	# 90
8) 2-Chlorophenol	6.581	128	184031	44.516	ng	93
9) Benzaldehyde	6.345	77	12049	5.996	ng	93
10) Phenol	6.445	94	219408	37.253	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	171019	43.450	ng	97
12) 1,3-Dichlorobenzene	6.734	146	196932	40.630	ng	99
13) 1,4-Dichlorobenzene	6.810	146	204414	40.779	ng	99
14) 1,2-Dichlorobenzene	6.957	146	192354	41.041	ng	97
15) Benzyl Alcohol	6.934	79	183313	48.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	294283	41.506	ng	99
17) 2-Methylphenol	7.045	107	156309	45.258	ng	98
18) Hexachloroethane	7.298	117	74720	41.330	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	162798	45.000	ng	98
20) 3+4-Methylphenols	7.198	107	193807	44.328	ng	# 88
22) Acetophenone	7.204	105	279381	45.109	ng	# 98
24) Nitrobenzene	7.375	77	230698	46.257	ng	97
25) Isophorone	7.610	82	425143	44.825	ng	98
26) 2-Nitrophenol	7.686	139	89277	46.328	ng	# 88
27) 2,4-Dimethylphenol	7.728	122	131185	48.391	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	233480	46.356	ng	99
29) 2,4-Dichlorophenol	7.928	162	160583	47.749	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	183713	43.978	ng	96
31) Naphthalene	8.092	128	551282	44.326	ng	98
32) Benzoic acid	7.857	122	98264	50.798	ng	98
33) 4-Chloroaniline	8.157	127	12933	3.023	ng	96
34) Hexachlorobutadiene	8.204	225	124081	44.671	ng	96
35) Caprolactam	8.516	113	22994	21.989	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	189598	47.732	ng	98
37) 2-Methylnaphthalene	8.780	142	370140	44.391	ng	100
38) 1-Methylnaphthalene	8.880	142	353484	45.643	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	206831	47.194	ng	98
41) Hexachlorocyclopentadiene	8.933	237	259384	124.264	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	127596	51.330	ng	98

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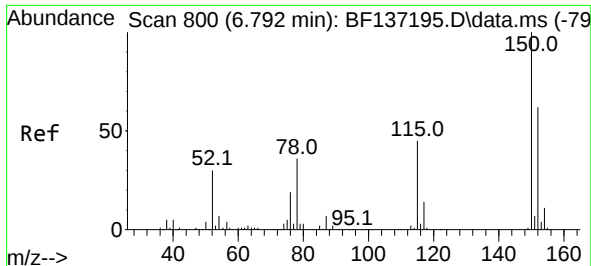
Quant Time: Feb 06 18:05:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	140470	51.698	ng	96
46) 1,1'-Biphenyl	9.251	154	491764	47.190	ng	99
47) 2-Chloronaphthalene	9.275	162	358070	46.430	ng	99
48) 2-Nitroaniline	9.375	65	130676	52.352	ng	98
49) Acenaphthylene	9.686	152	581060	47.064	ng	100
50) Dimethylphthalate	9.557	163	432961	48.931	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96732	51.267	ng	96
52) Acenaphthene	9.863	154	344544	47.483	ng	99
53) 3-Nitroaniline	9.786	138	29606	17.436	ng	100
54) 2,4-Dinitrophenol	9.892	184	106439	119.973	ng	90
55) Dibenzofuran	10.033	168	541232	46.883	ng	100
56) 4-Nitrophenol	9.951	139	123429	103.507	ng	93
57) 2,4-Dinitrotoluene	10.022	165	127609	52.123	ng	95
58) Fluorene	10.380	166	430738	47.594	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	127718	50.518	ng	95
60) Diethylphthalate	10.257	149	438458	50.325	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	217029	48.245	ng	98
62) 4-Nitroaniline	10.404	138	65805	40.488	ng	94
63) Azobenzene	10.533	77	453354	46.984	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	70989	53.492	ng	94
66) n-Nitrosodiphenylamine	10.492	169	362126	48.163	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	139314	51.237	ng	95
68) Hexachlorobenzene	10.922	284	148263	48.818	ng	99
69) Atrazine	11.027	200	91875	37.016	ng	97
70) Pentachlorophenol	11.121	266	187217	107.535	ng	97
71) Phenanthrene	11.345	178	607510	46.929	ng	99
72) Anthracene	11.398	178	628839	46.605	ng	97
73) Carbazole	11.551	167	513933	45.576	ng	99
74) Di-n-butylphthalate	11.892	149	646067	53.002	ng	99
75) Fluoranthene	12.539	202	615363	45.427	ng	100
77) Benzidine	12.674	184	16461	6.594	ng	98
78) Pyrene	12.768	202	616690	46.030	ng	99
80) Butylbenzylphthalate	13.398	149	226660	66.135	ng	90
81) Benzo(a)anthracene	13.963	228	462770	46.871	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	67815	25.211	ng	98
83) Chrysene	14.004	228	464422	47.846	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	304144	76.279	ng	98
85) Di-n-octyl phthalate	14.586	149	462943	73.020	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	496298	54.243	ng	99
88) Benzo(b)fluoranthene	15.021	252	393609	49.145	ng	99
89) Benzo(k)fluoranthene	15.057	252	377554	44.560	ng	100
90) Benzo(a)pyrene	15.398	252	346414	45.961	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	395789	53.986	ng	98
92) Benzo(g,h,i)perylene	17.427	276	400769	55.697	ng	98

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

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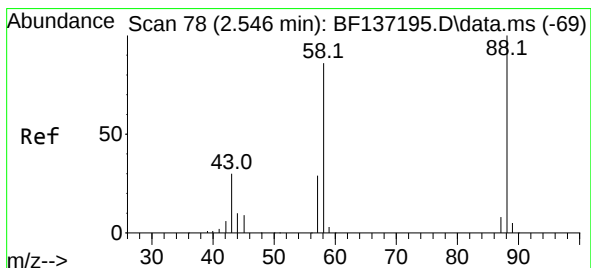
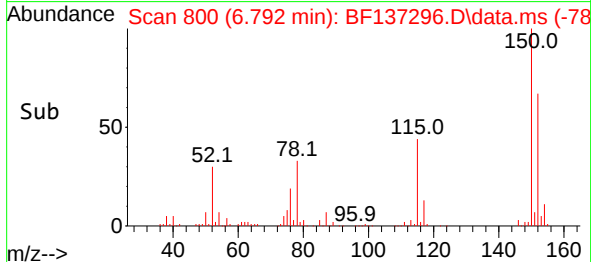
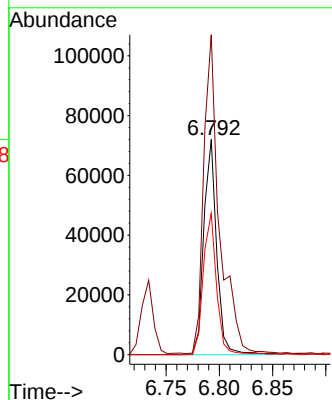
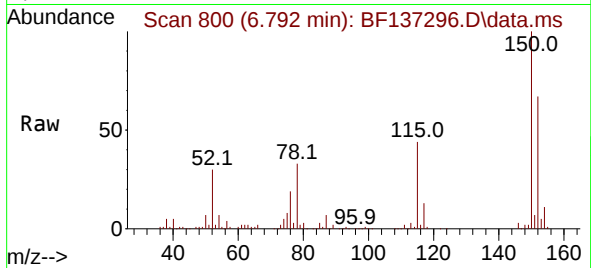




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

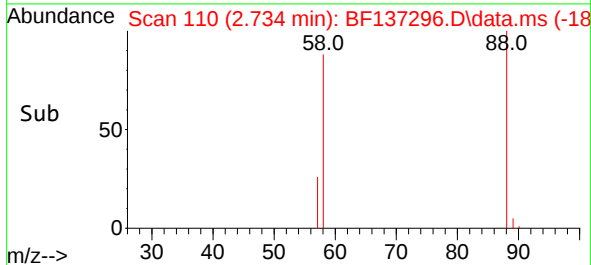
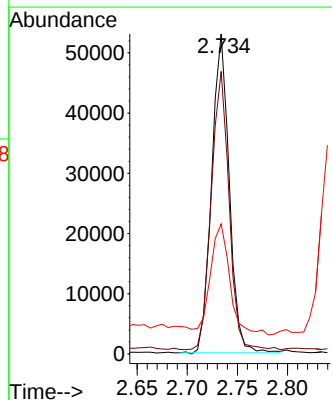
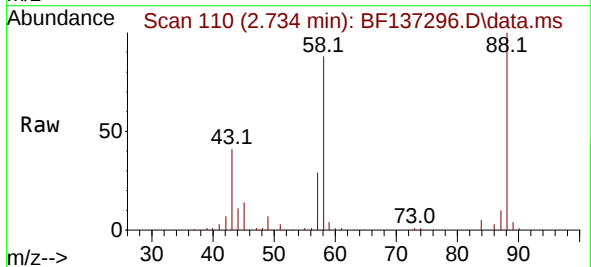
Instrument :
 BNA_F
 ClientSampleId :

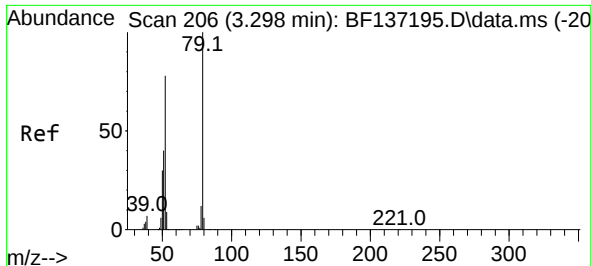
Tgt Ion:152 Resp: 61008
 Ion Ratio Lower Upper
 152 100
 150 148.7 129.8 194.8
 115 65.7 58.5 87.7



#2
 1,4-Dioxane
 Concen: 32.599 ng
 RT: 2.734 min Scan# 110
 Delta R.T. 0.188 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

Tgt Ion: 88 Resp: 64491
 Ion Ratio Lower Upper
 88 100
 58 88.1 67.8 101.8
 43 0.0 26.6 40.0#

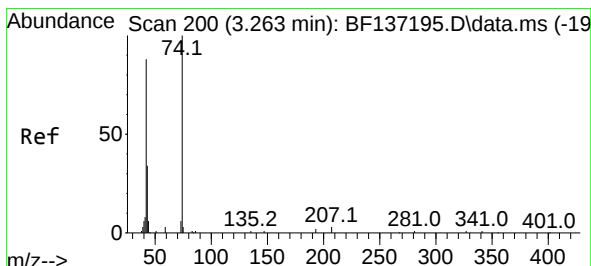
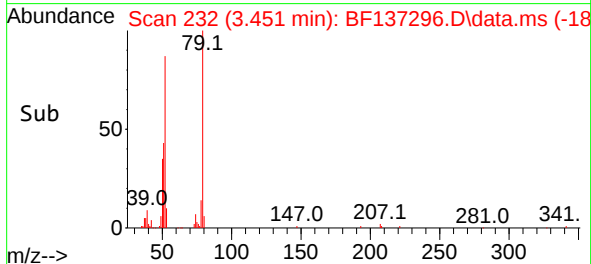
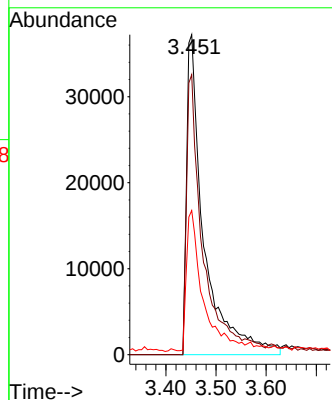
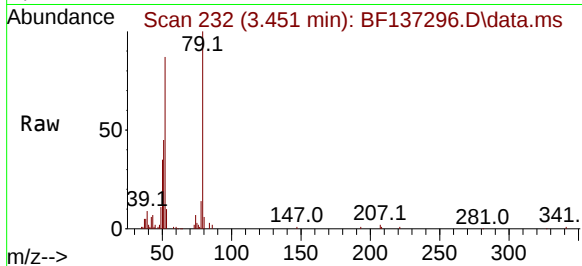




#3
 Pyridine
 Concen: 23.993 ng
 RT: 3.451 min Scan# 21
 Delta R.T. 0.153 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

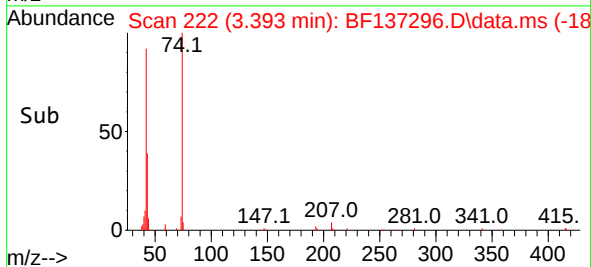
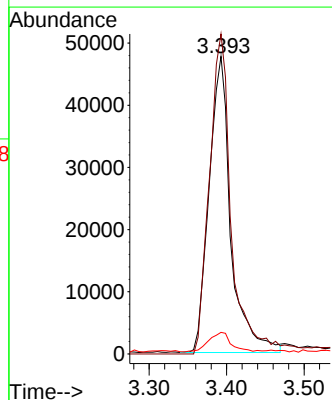
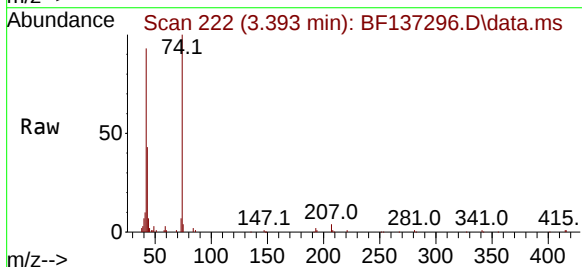
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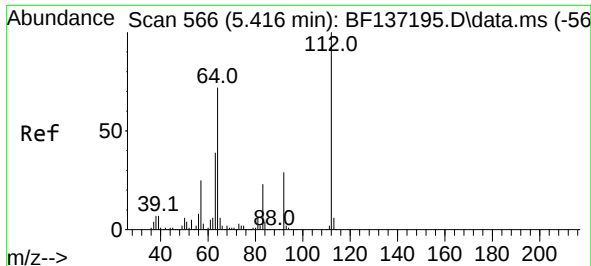
Tgt Ion: 79 Resp: 89608
 Ion Ratio Lower Upper
 79 100
 52 87.5 62.6 94.0
 51 45.0 33.0 49.4



#4
 n-Nitrosodimethylamine
 Concen: 46.204 ng
 RT: 3.393 min Scan# 222
 Delta R.T. 0.130 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

Tgt Ion: 42 Resp: 92628
 Ion Ratio Lower Upper
 42 100
 74 107.5 90.5 135.7
 44 7.3 6.1 9.1

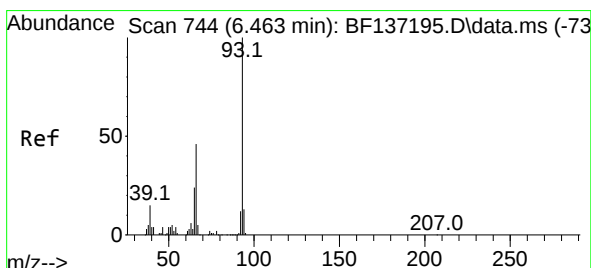
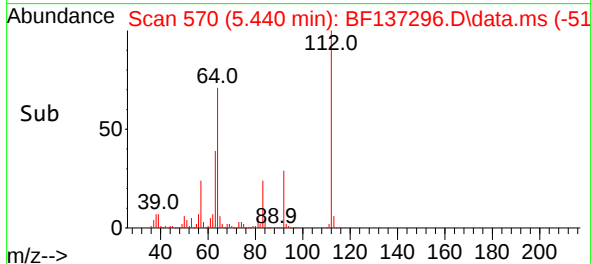
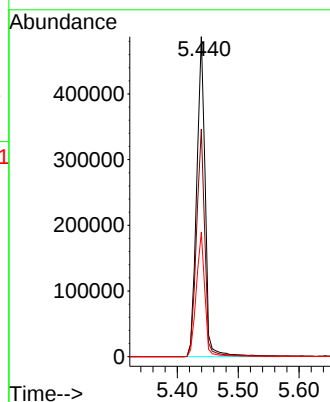
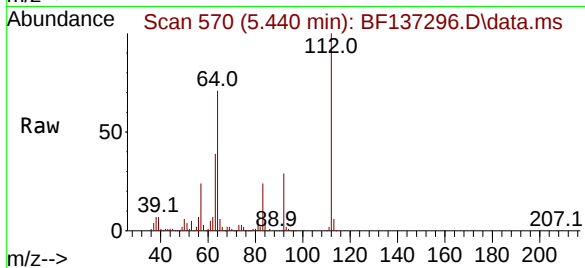




#5
2-Fluorophenol
Concen: 128.394 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

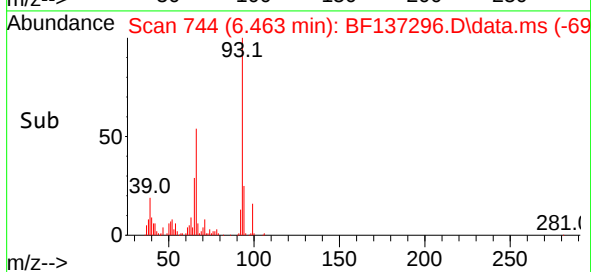
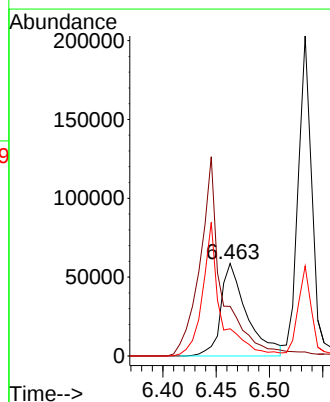
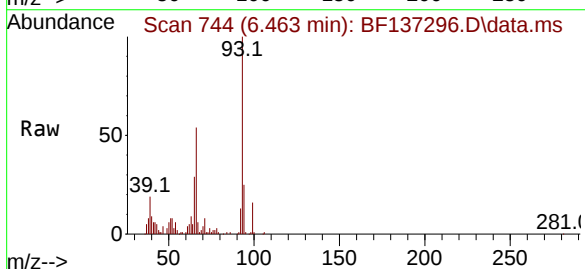
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BNA_F
ClientSampleId :

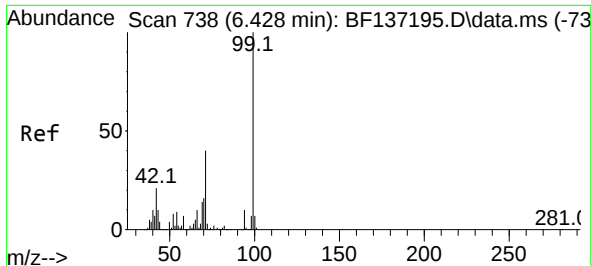
Tgt Ion:112 Resp: 474707
Ion Ratio Lower Upper
112 100
64 71.1 57.8 86.6
63 38.8 31.4 47.0



#6
Aniline
Concen: 17.595 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion: 93 Resp: 99382
Ion Ratio Lower Upper
93 100
66 53.6 37.9 56.9
65 29.4 19.0 28.4#





#7

Phenol-d6

Concen: 112.921 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

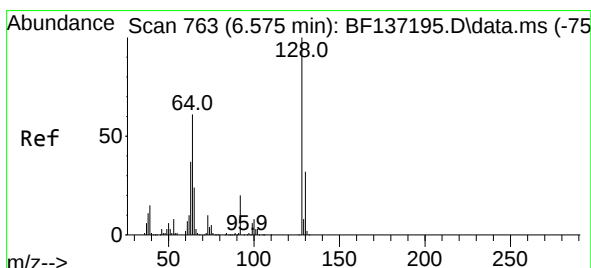
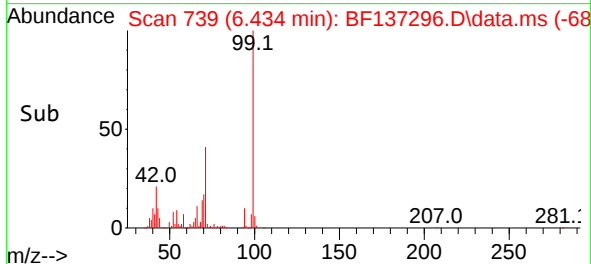
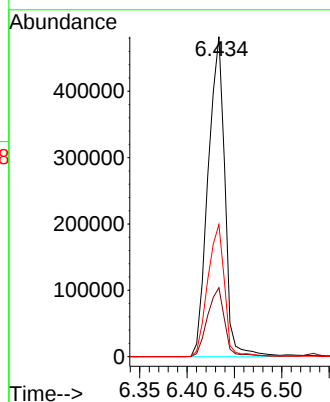
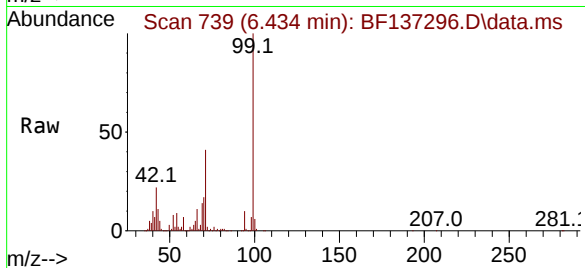
Tgt Ion: 99 Resp: 595813

Ion Ratio Lower Upper

99 100

42 21.5 16.4 24.6

71 41.3 32.4 48.6



#8

2-Chlorophenol

Concen: 44.516 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

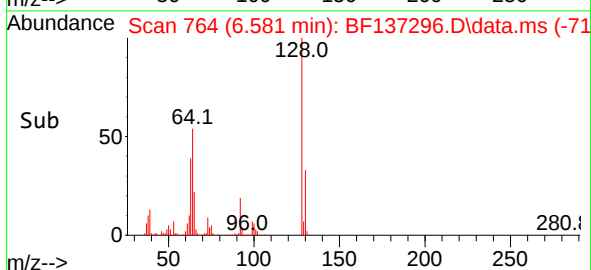
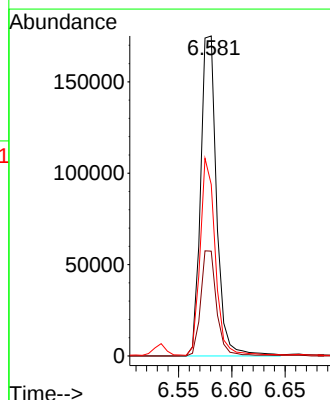
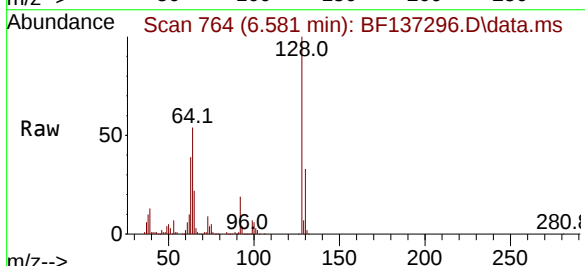
Tgt Ion: 128 Resp: 184031

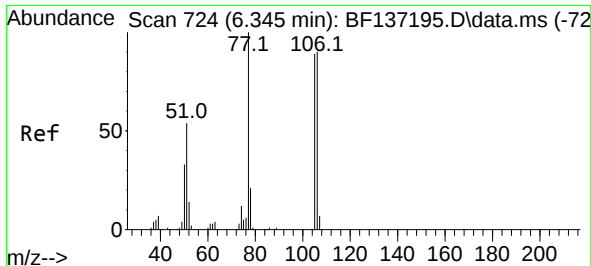
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 53.6 41.6 81.6





#9

Benzaldehyde

Concen: 5.996 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

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ClientSampleId :

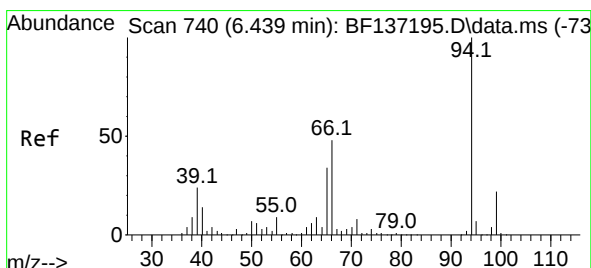
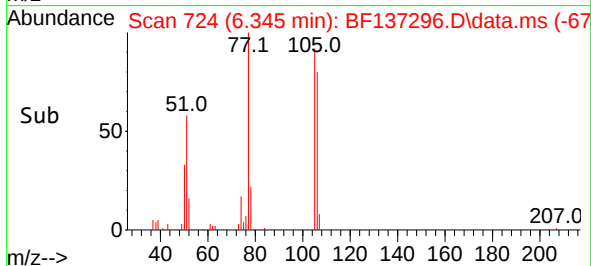
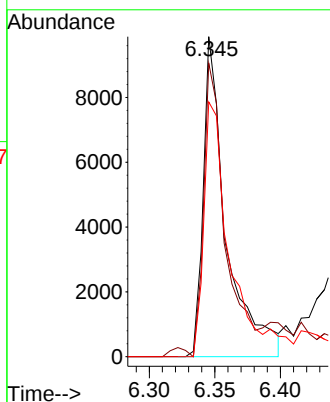
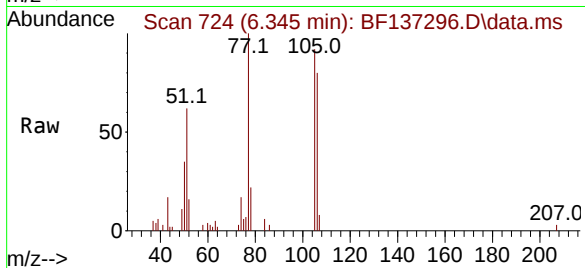
Tgt Ion: 77 Resp: 12049

Ion Ratio Lower Upper

77 100

105 91.7 69.1 109.1

106 79.6 69.6 109.6



#10

Phenol

Concen: 37.253 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

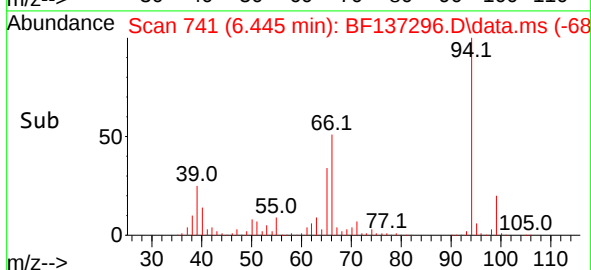
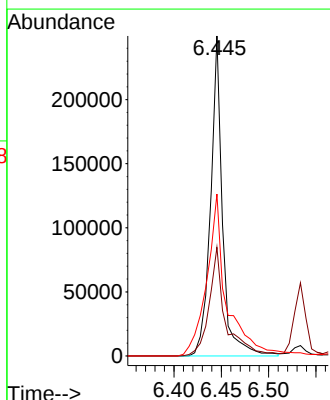
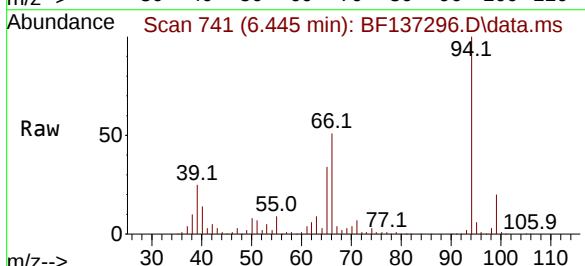
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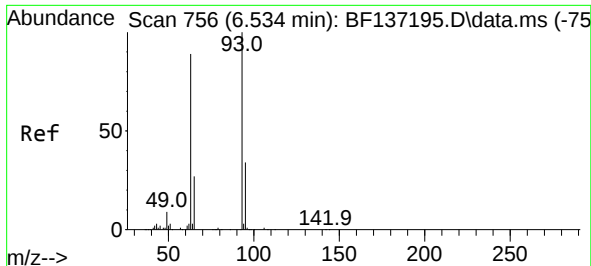
Ion Ratio Lower Upper

94 100

65 33.9 13.7 53.7

66 50.6 27.8 67.8





#11

bis(2-Chloroethyl)ether

Concen: 43.450 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF137296.D

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Instrument :

BNA_F

ClientSampleId :

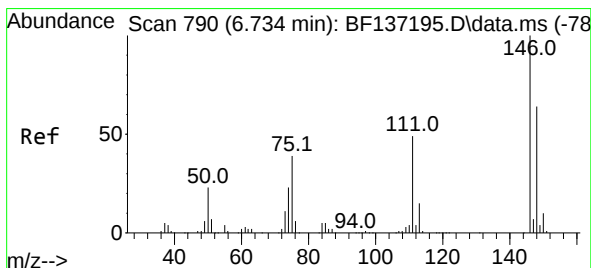
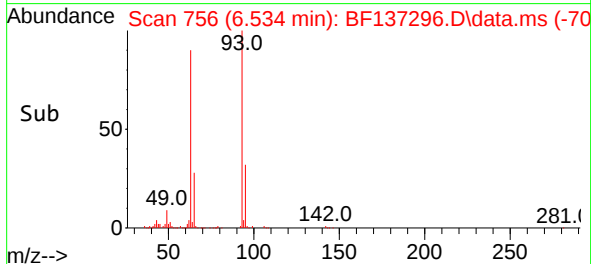
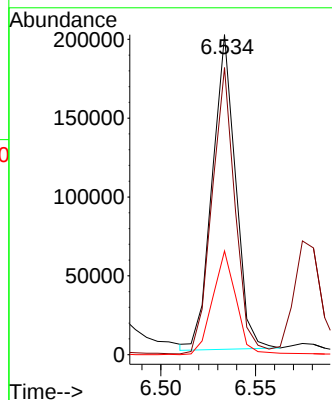
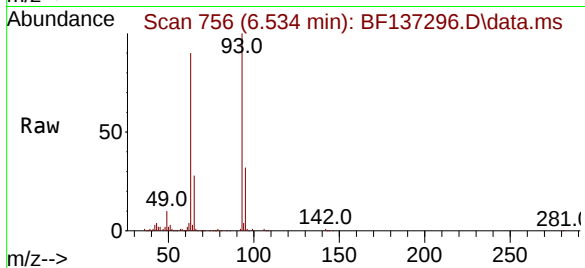
Tgt Ion: 93 Resp: 171019

Ion Ratio Lower Upper

93 100

63 89.7 66.7 106.7

95 32.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.630 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

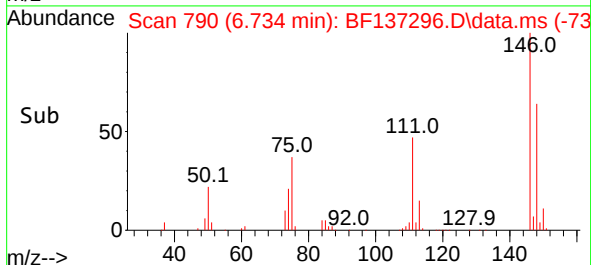
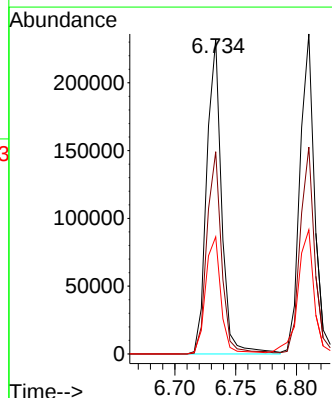
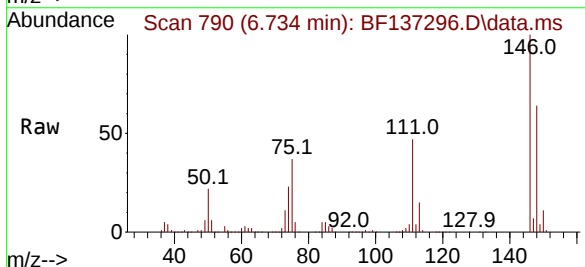
Tgt Ion: 146 Resp: 196932

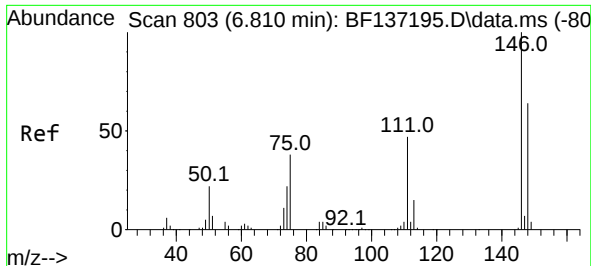
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

75 37.2 31.3 46.9

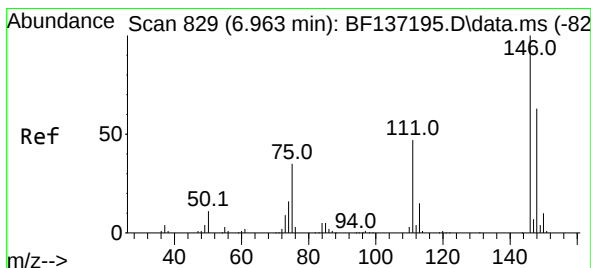
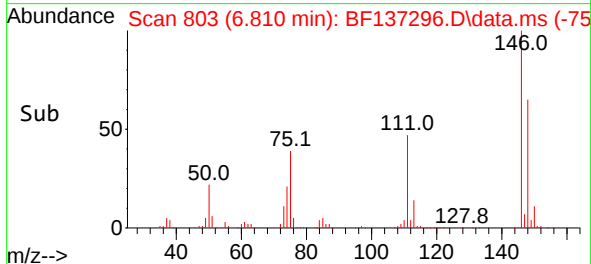
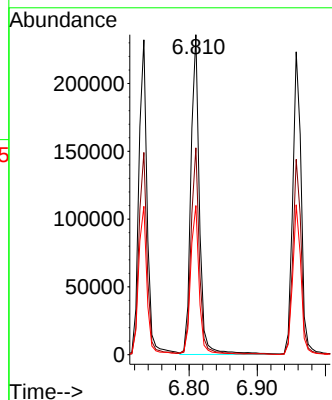
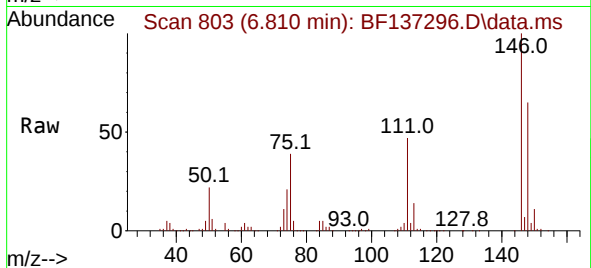




#13
1,4-Dichlorobenzene
Concen: 40.779 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

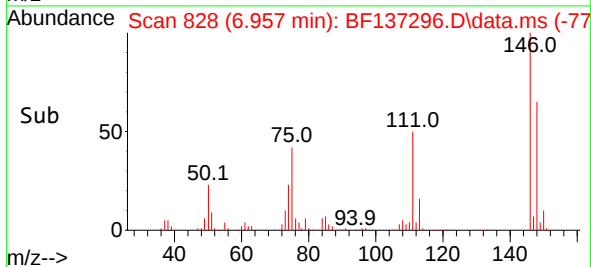
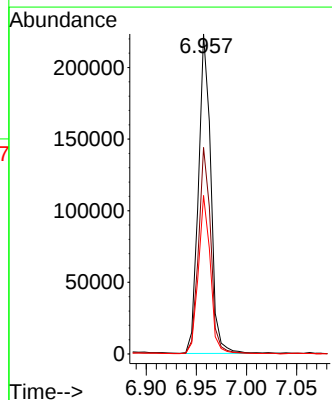
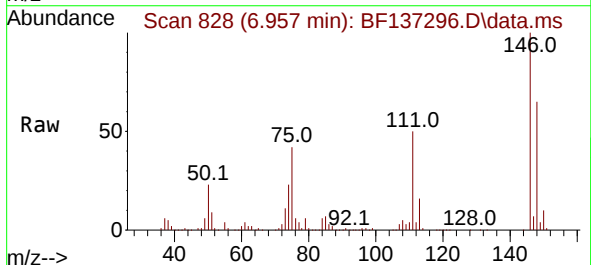
Instrument :
BNA_F
ClientSampleId :

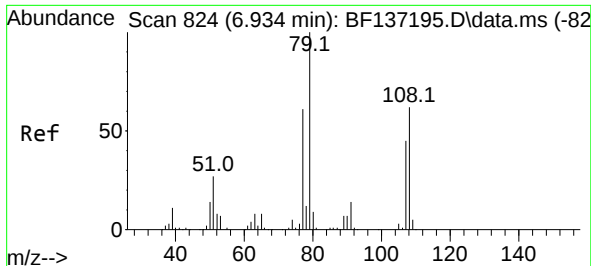
Tgt Ion:146 Resp: 204414
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 46.6 38.1 57.1



#14
1,2-Dichlorobenzene
Concen: 41.041 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:146 Resp: 192354
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
111 49.5 37.3 55.9

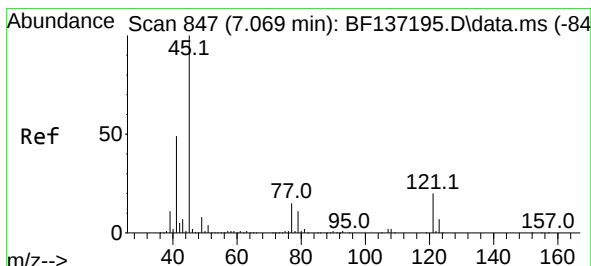
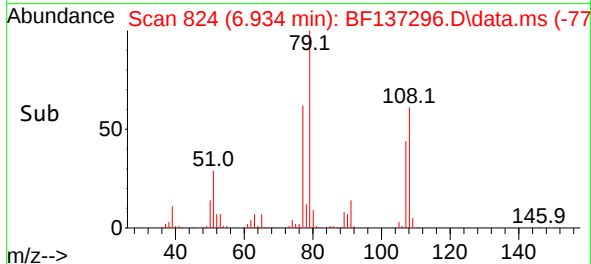
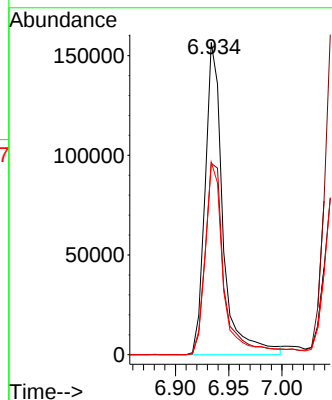
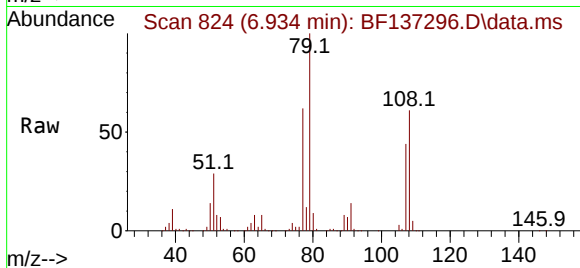




#15
Benzyl Alcohol
Concen: 48.902 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

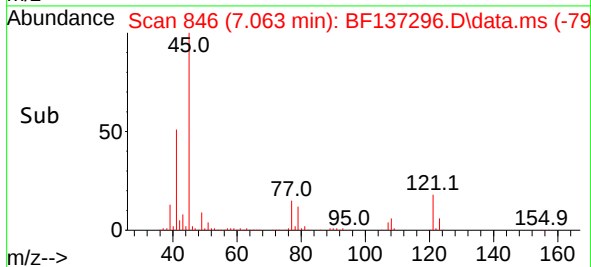
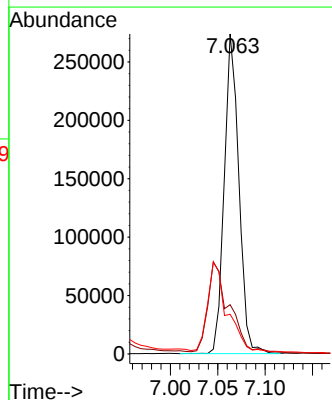
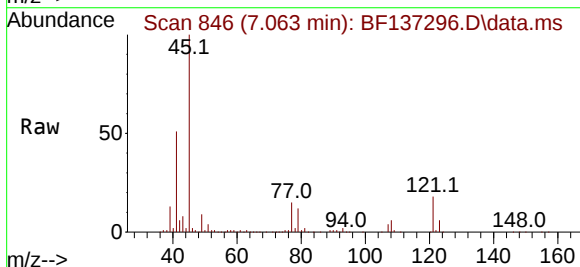
Instrument :
BNA_F
ClientSampleId :

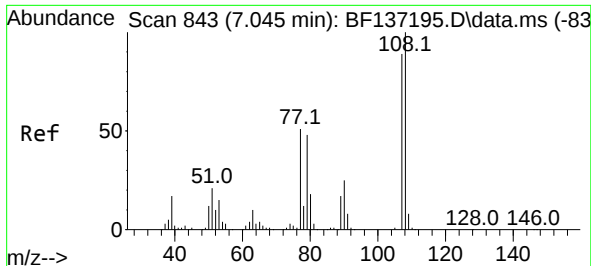
Tgt Ion: 79 Resp: 183313
Ion Ratio Lower Upper
79 100
108 61.3 49.3 73.9
77 61.7 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.506 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

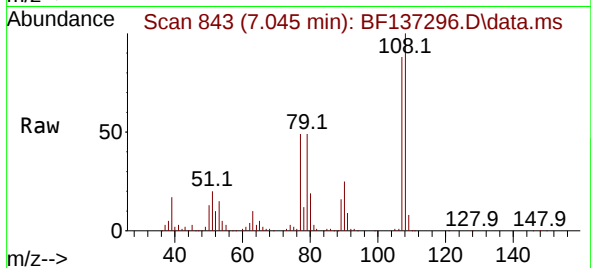
Tgt Ion: 45 Resp: 294283
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.9
79 12.4 0.0 32.4



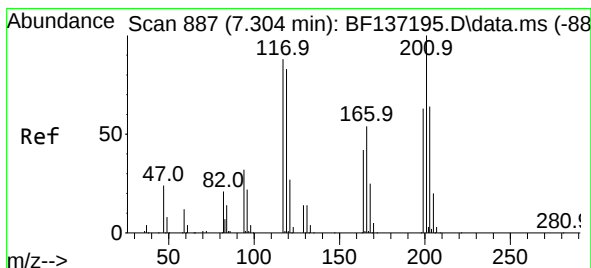
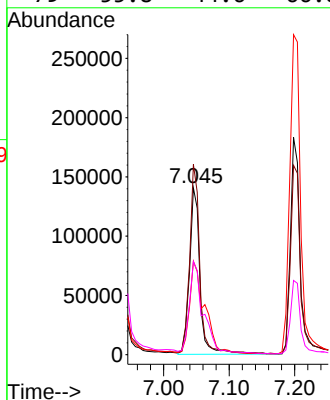
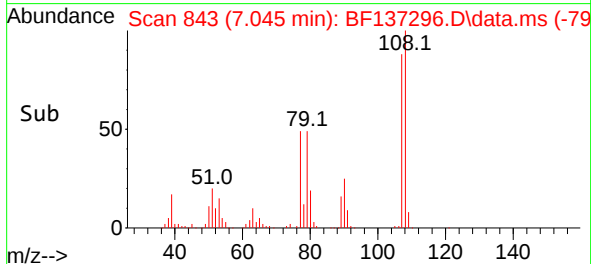


#17
2-Methylphenol
Concen: 45.258 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

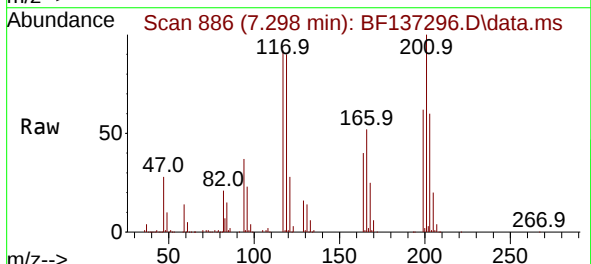
Instrument :
BNA_F
ClientSampleId :



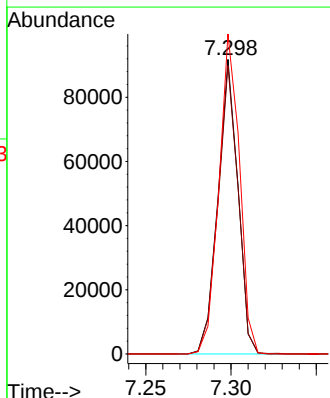
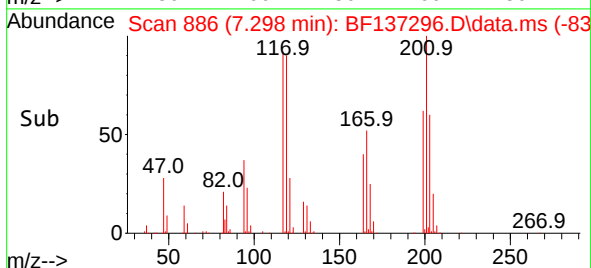
Tgt Ion:	107	Resp:	156309
Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.9	134.9
77	56.0	46.6	69.8
79	55.8	44.6	66.8

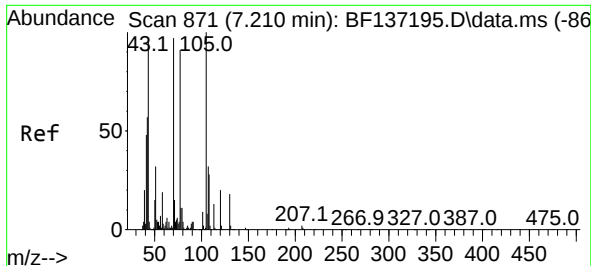


#18
Hexachloroethane
Concen: 41.330 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23



Tgt Ion:	117	Resp:	74720
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.2	114.4
201	108.7	91.4	137.0

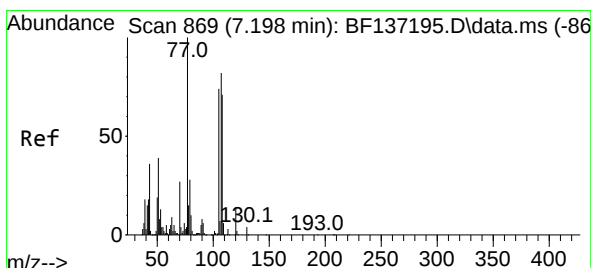
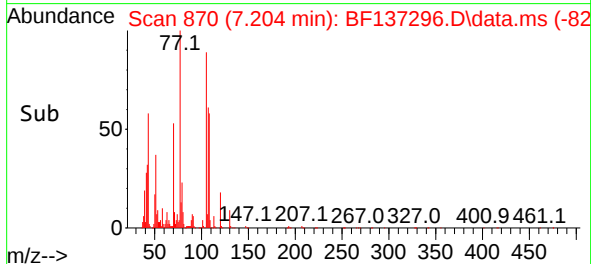
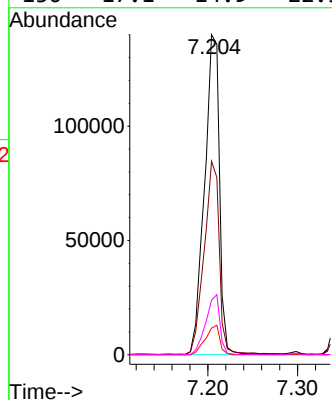
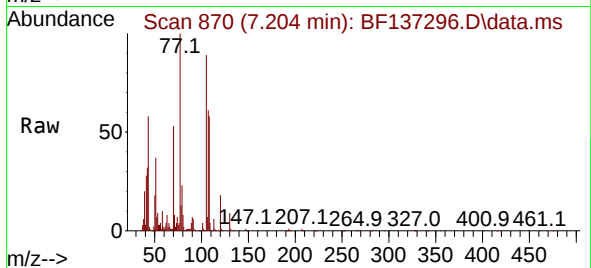




#19
n-Nitroso-di-n-propylamine
Concen: 45.000 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

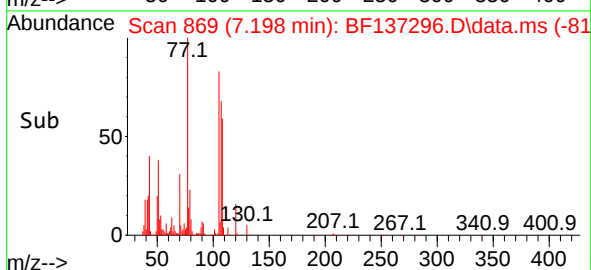
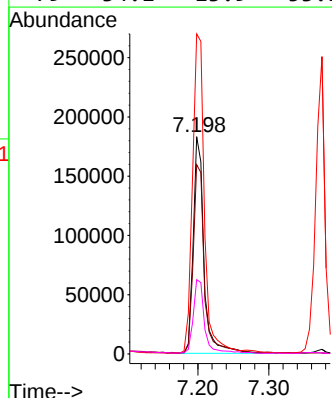
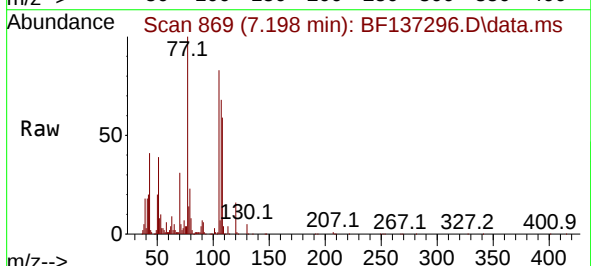
Instrument :
BNA_F
ClientSampleId :

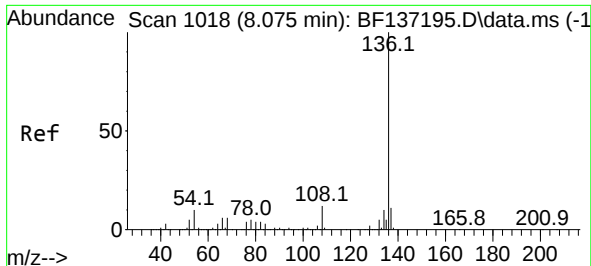
Tgt Ion: 70 Resp: 162798
Ion Ratio Lower Upper
70 100
42 60.5 47.2 70.8
101 8.3 7.4 11.0
130 17.1 14.9 22.3



#20
3+4-Methylphenols
Concen: 44.328 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

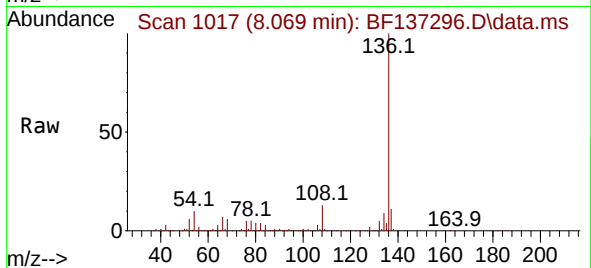
Tgt Ion: 107 Resp: 193807
Ion Ratio Lower Upper
107 100
108 87.1 66.3 106.3
77 147.3 101.4 141.4#
79 34.1 13.9 53.9



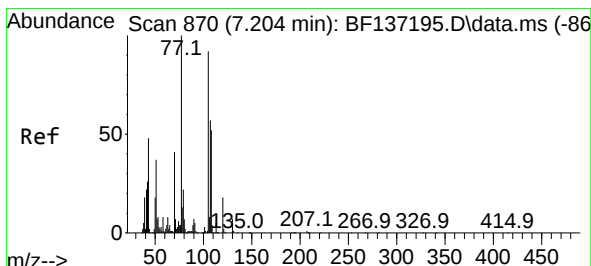
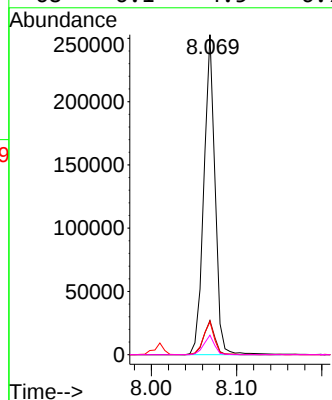
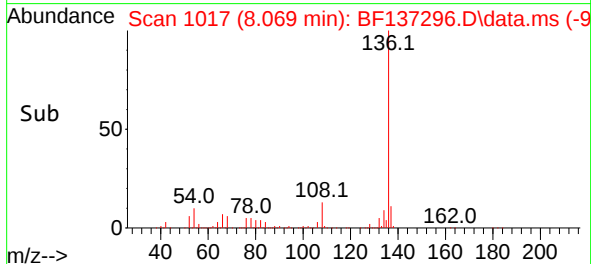


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Instrument :
BNA_F
ClientSampleId :

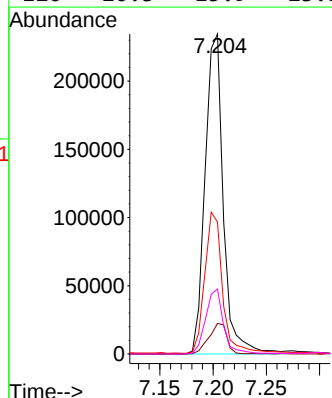
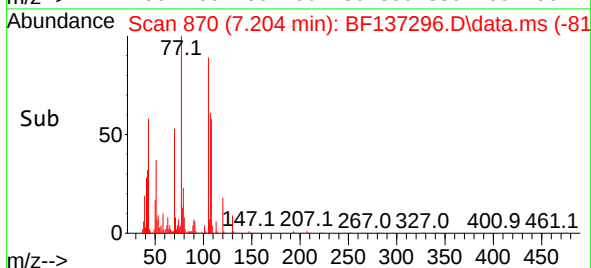
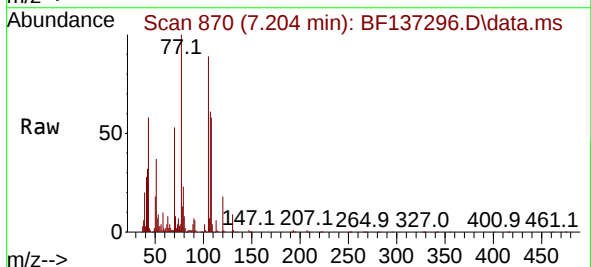


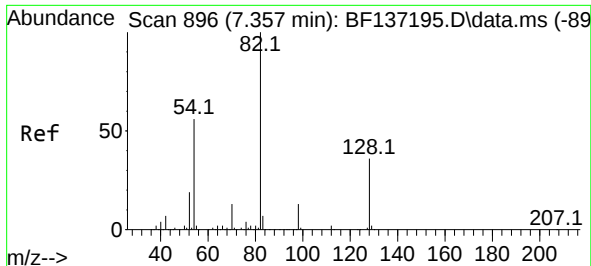
Tgt Ion:	136	Resp:	230056
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.3	7.8	11.8
68	6.1	4.5	6.7



#22
Acetophenone
Concen: 45.109 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:	105	Resp:	279381
Ion	Ratio	Lower	Upper
105	100		
71	9.6	5.7	8.5
51	41.3	32.2	48.4
120	20.3	15.9	23.9

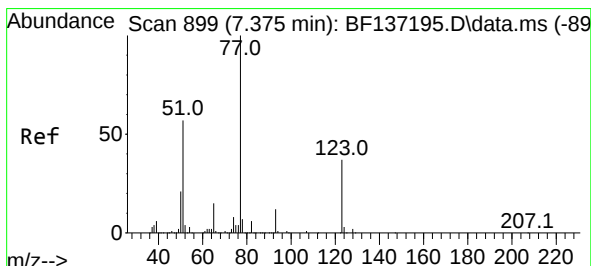
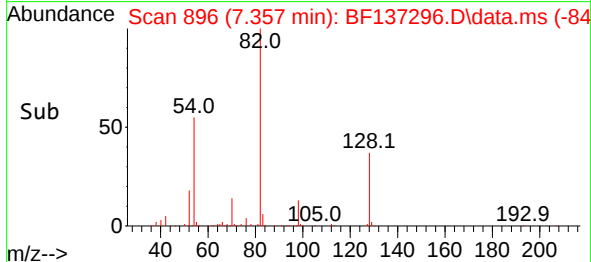
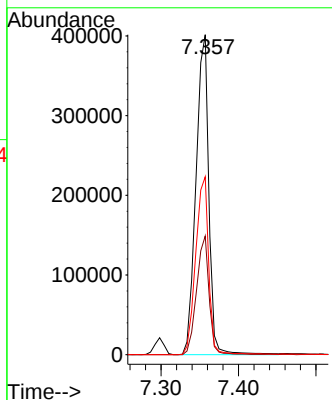
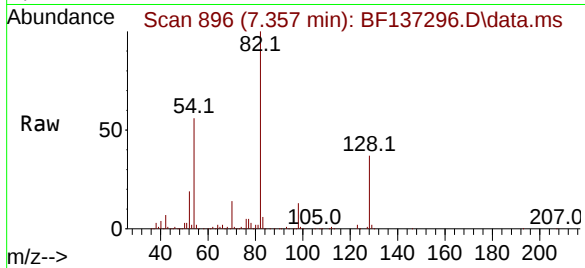




#23
Nitrobenzene-d5
Concen: 89.986 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

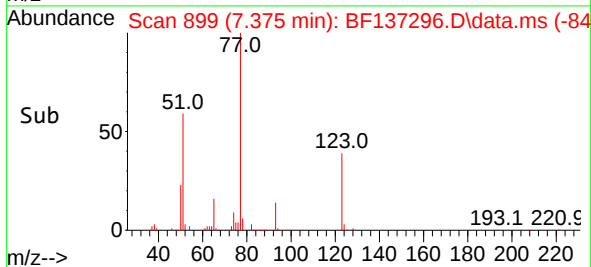
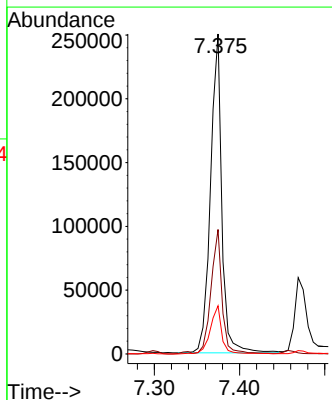
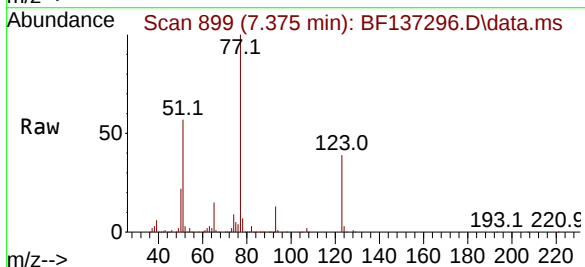
Instrument :
BNA_F
ClientSampleId :

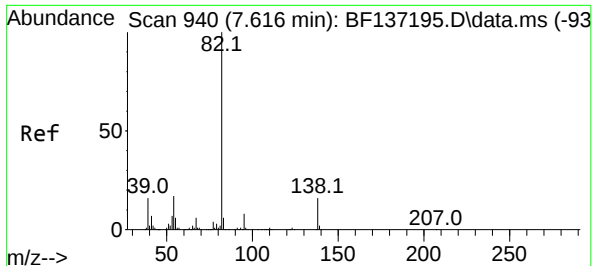
Tgt Ion: 82 Resp: 462386
Ion Ratio Lower Upper
82 100
128 37.1 29.1 43.7
54 55.6 45.0 67.6



#24
Nitrobenzene
Concen: 46.257 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion: 77 Resp: 230698
Ion Ratio Lower Upper
77 100
123 38.9 29.3 43.9
65 15.0 12.0 18.0

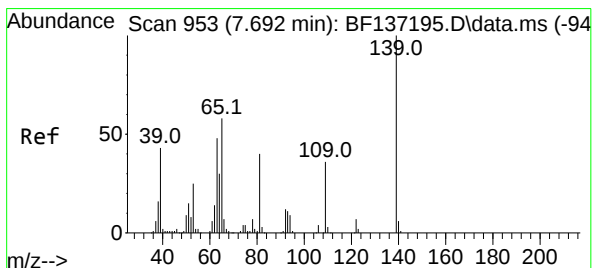
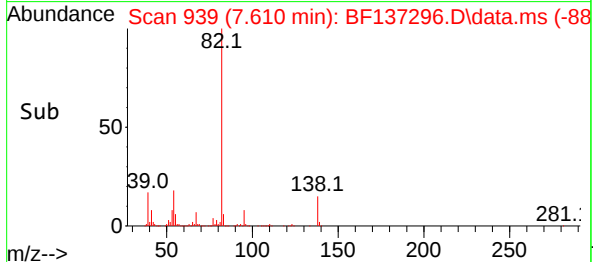
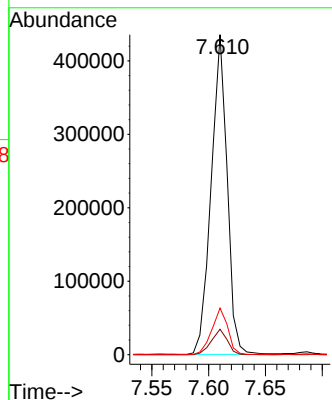
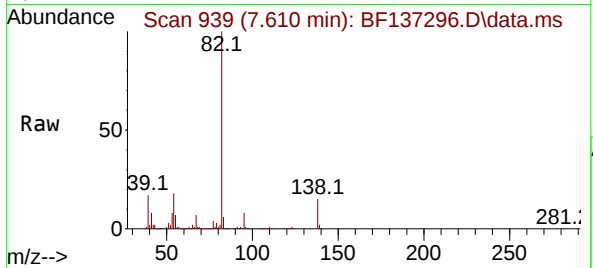




#25
Isophorone
Concen: 44.825 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

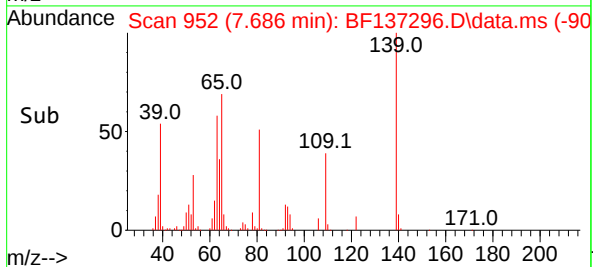
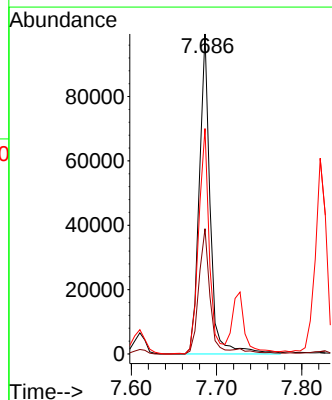
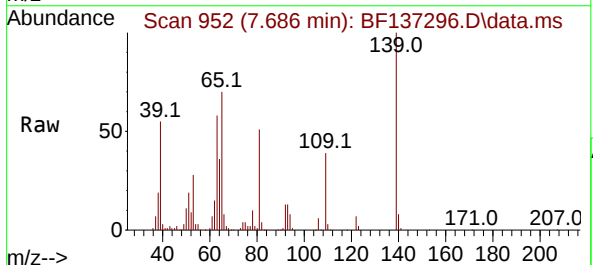
Instrument :
BNA_F
ClientSampleId :

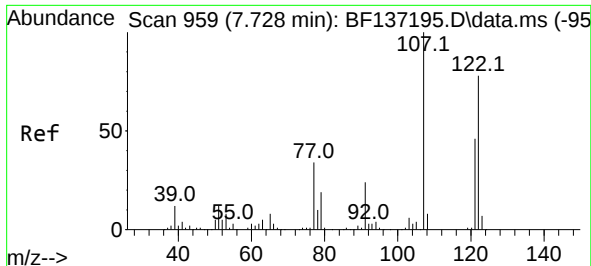
Tgt Ion: 82 Resp: 425143
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 14.5 12.7 19.1



#26
2-Nitrophenol
Concen: 46.328 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:139 Resp: 89277
Ion Ratio Lower Upper
139 100
109 39.2 28.5 42.7
65 70.5 46.7 70.1#





#27

2,4-Dimethylphenol

Concen: 48.391 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137296.D

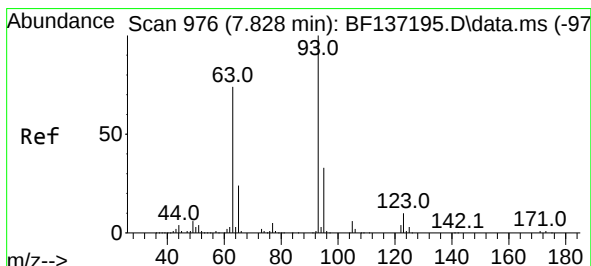
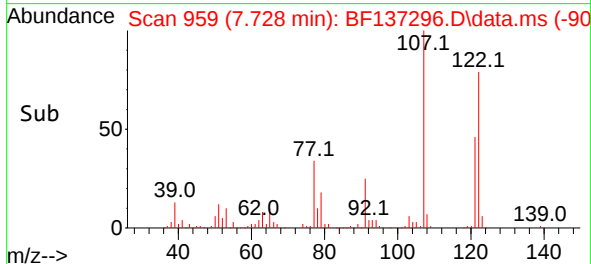
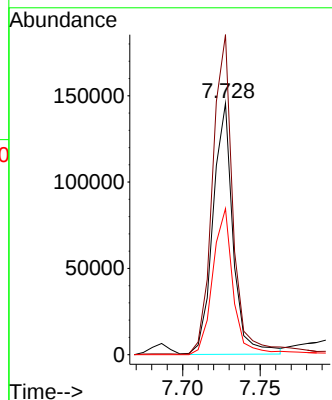
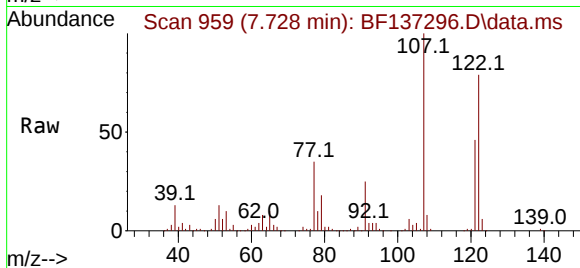
Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	122	Resp:	131185
Ion	Ratio	Lower	Upper
122	100		
107	127.3	101.8	152.6
121	58.1	46.6	69.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.356 ng

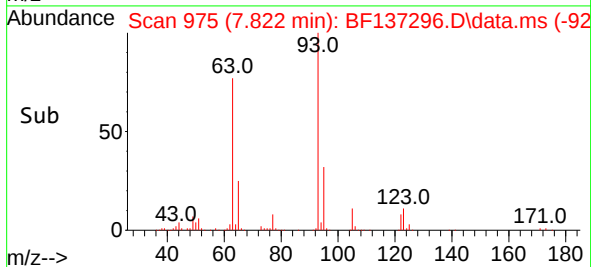
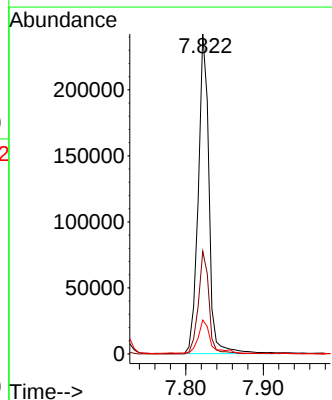
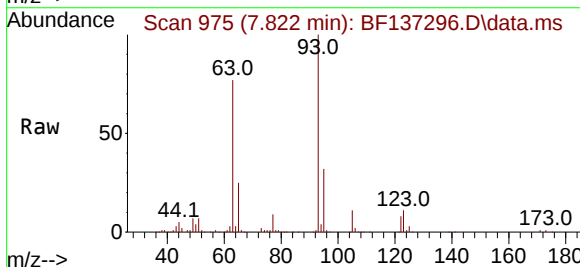
RT: 7.822 min Scan# 975

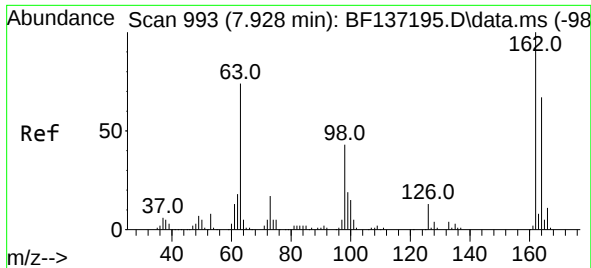
Delta R.T. -0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Tgt Ion:	93	Resp:	233480
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	10.6	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 47.749 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

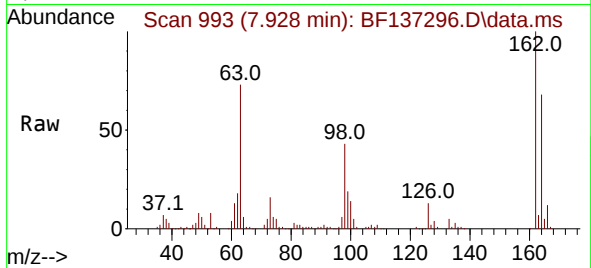
Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :



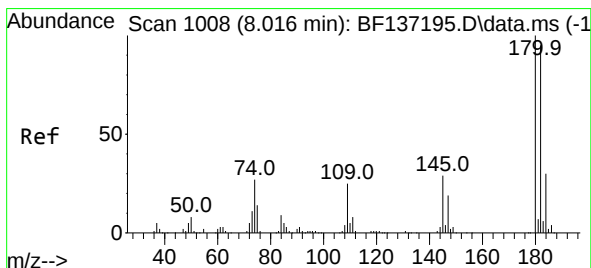
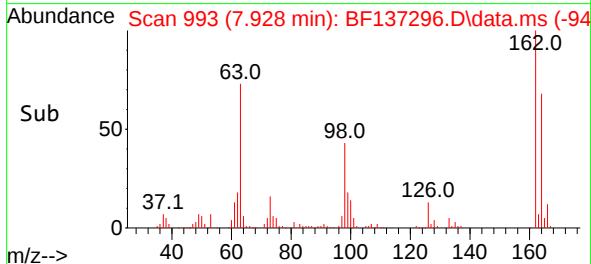
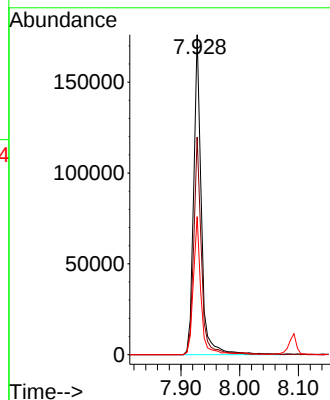
Tgt Ion:162 Resp: 160583

Ion Ratio Lower Upper

162 100

164 68.0 46.7 86.7

98 43.2 22.9 62.9



#30

1,2,4-Trichlorobenzene

Concen: 43.978 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

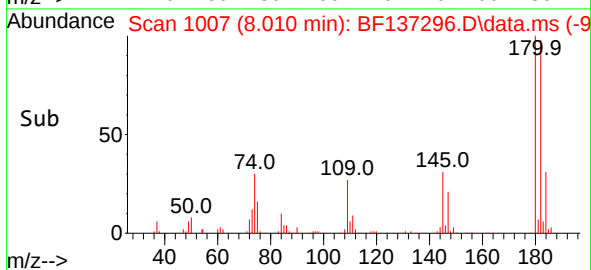
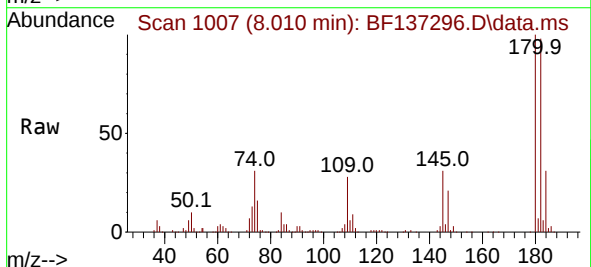
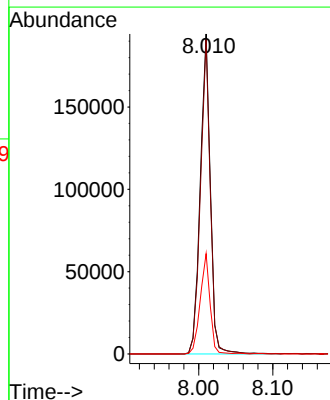
Tgt Ion:180 Resp: 183713

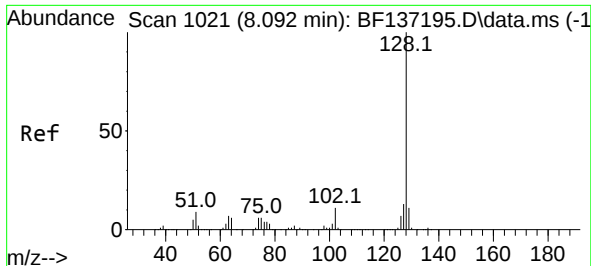
Ion Ratio Lower Upper

180 100

182 98.2 75.9 113.9

145 31.4 23.2 34.8

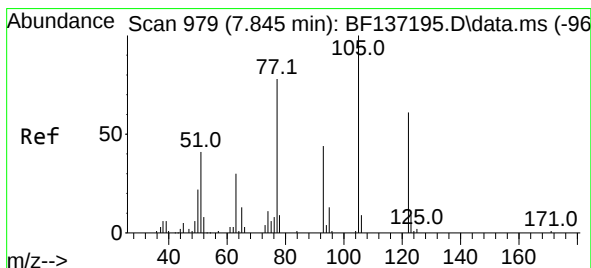
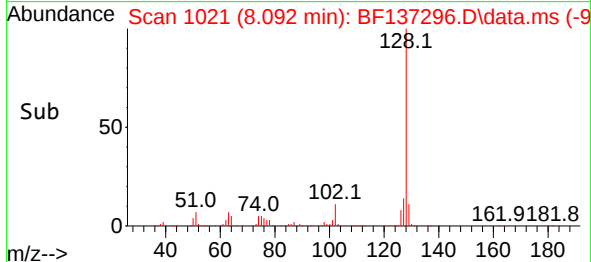
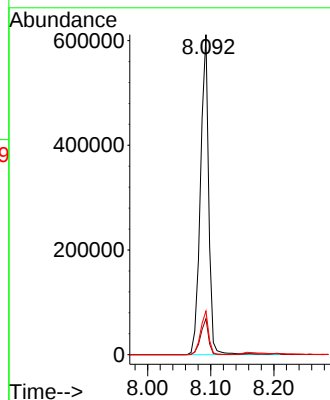
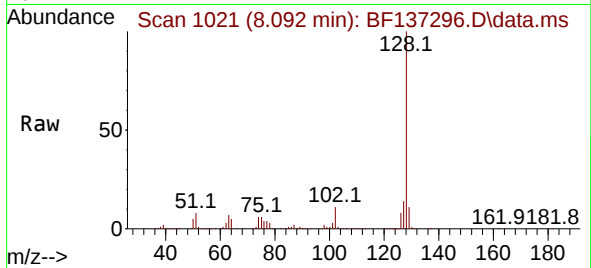




#31
Naphthalene
Concen: 44.326 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

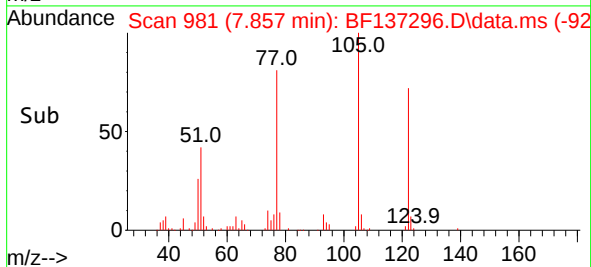
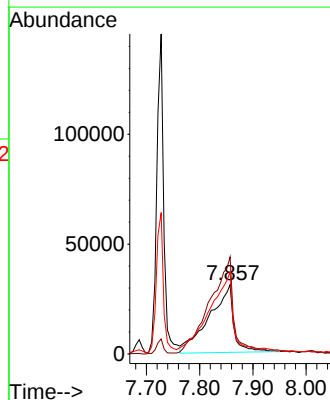
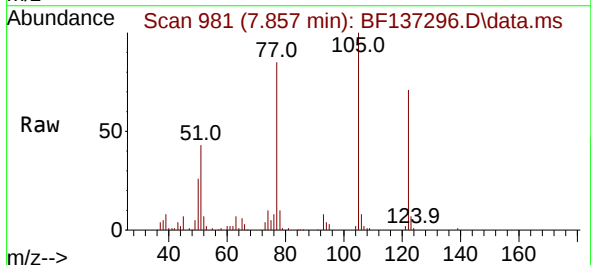
Instrument :
BNA_F
ClientSampleId :

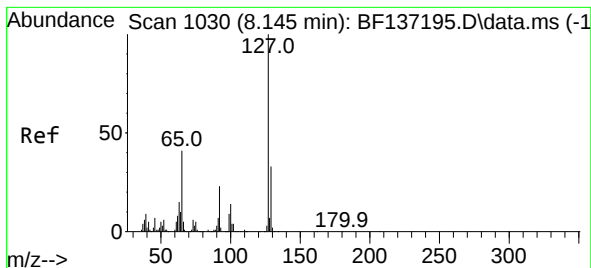
Tgt Ion:128 Resp: 551282
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 50.798 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:122 Resp: 98264
Ion Ratio Lower Upper
122 100
105 140.2 122.5 162.5
77 118.7 96.4 136.4





#33

4-Chloroaniline

Concen: 3.023 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.012 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 12933

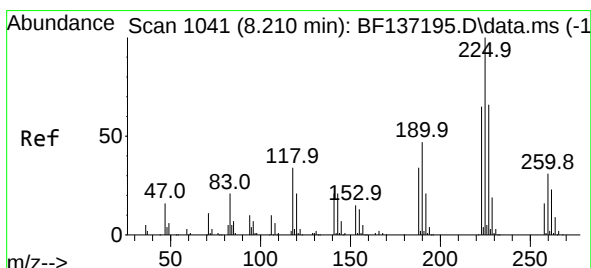
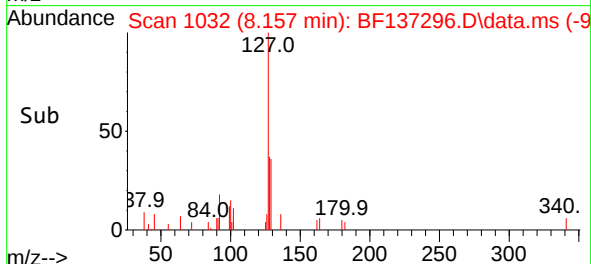
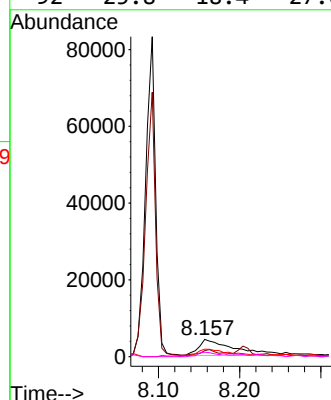
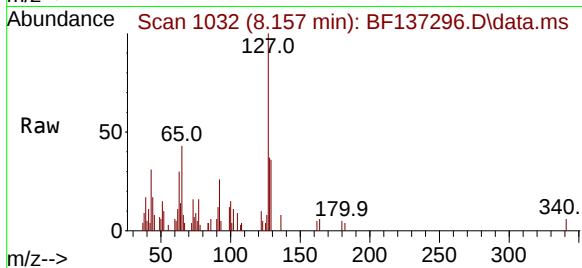
Ion Ratio Lower Upper

127 100

129 35.6 26.8 40.2

65 43.5 32.9 49.3

92 25.8 18.4 27.6



#34

Hexachlorobutadiene

Concen: 44.671 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

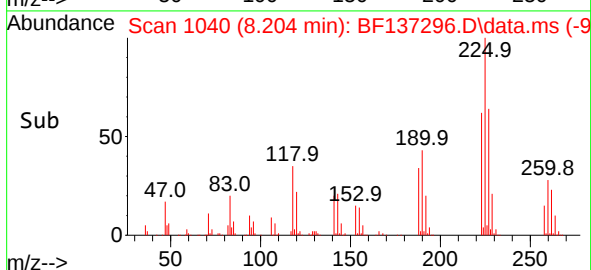
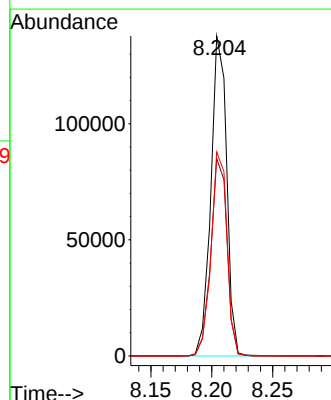
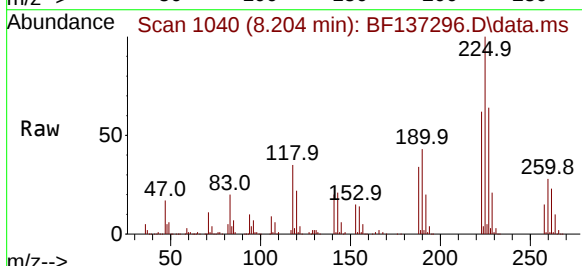
Tgt Ion:225 Resp: 124081

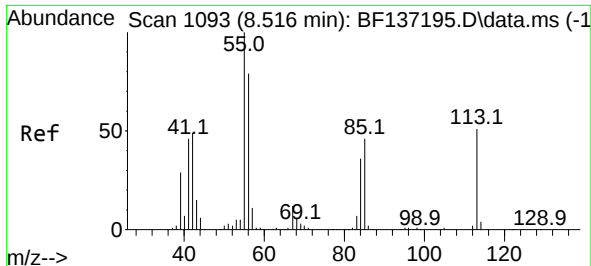
Ion Ratio Lower Upper

225 100

223 61.7 52.0 78.0

227 63.8 52.9 79.3

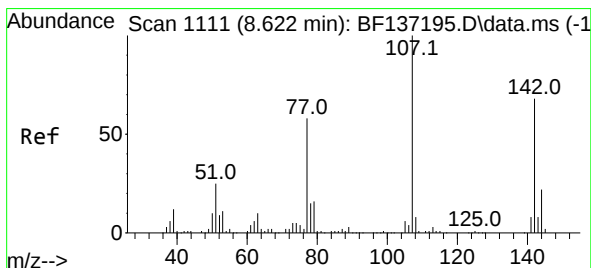
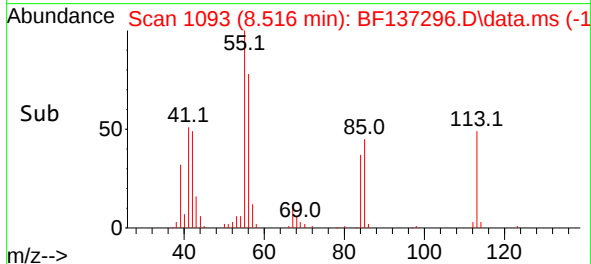
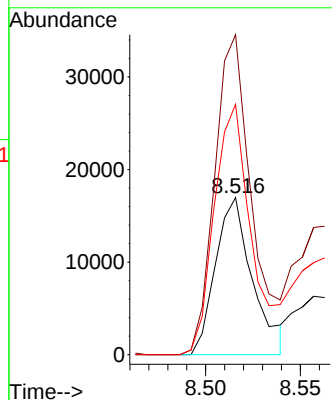
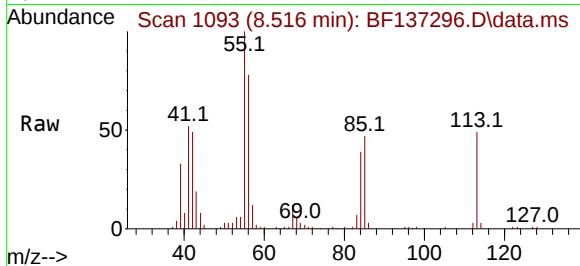




#35
 Caprolactam
 Concen: 21.989 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

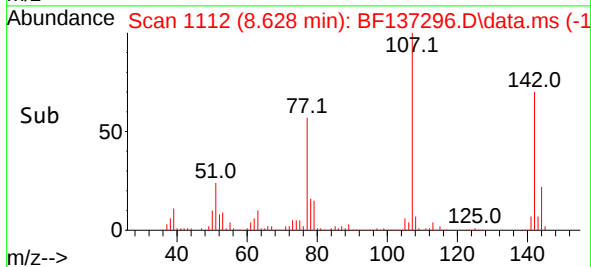
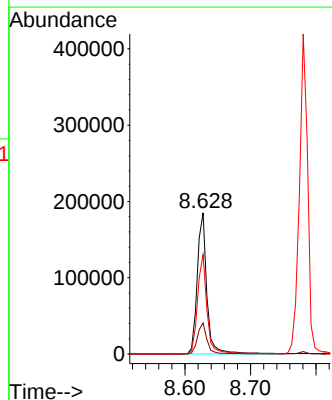
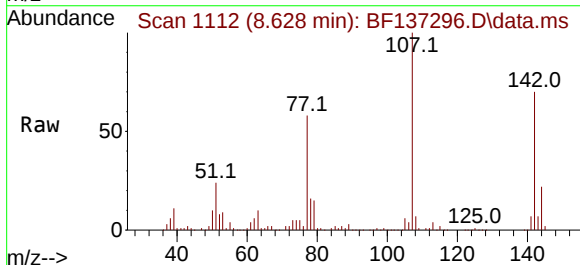
Instrument :
 BNA_F
 ClientSampleId :

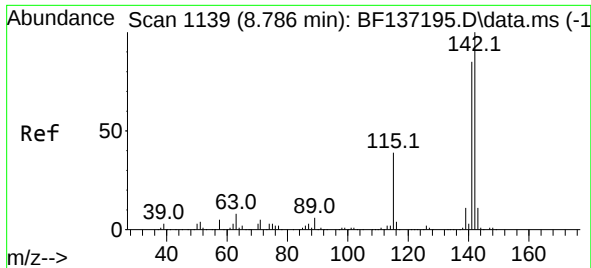
Tgt Ion:113 Resp: 22994
 Ion Ratio Lower Upper
 113 100
 55 203.6 176.0 216.0
 56 159.4 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.732 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

Tgt Ion:107 Resp: 189598
 Ion Ratio Lower Upper
 107 100
 144 21.9 17.2 25.8
 142 70.4 54.6 82.0





#37

2-Methylnaphthalene

Concen: 44.391 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

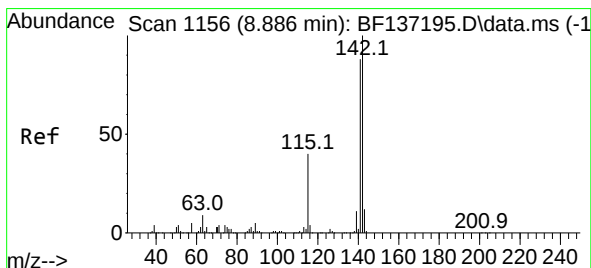
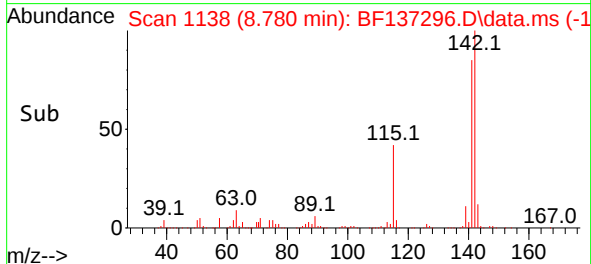
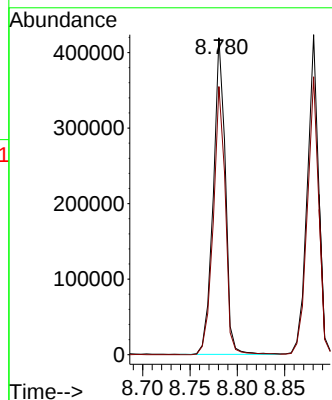
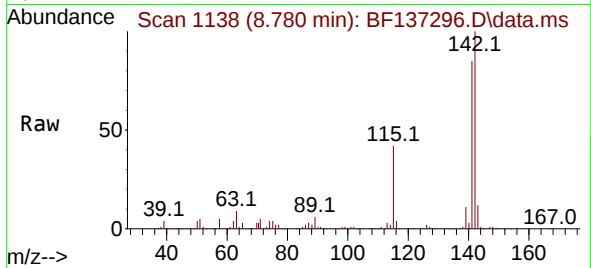
ClientSampleId :

Tgt Ion:142 Resp: 370140

Ion Ratio Lower Upper

142 100

141 84.6 67.8 101.8



#38

1-Methylnaphthalene

Concen: 45.643 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137296.D

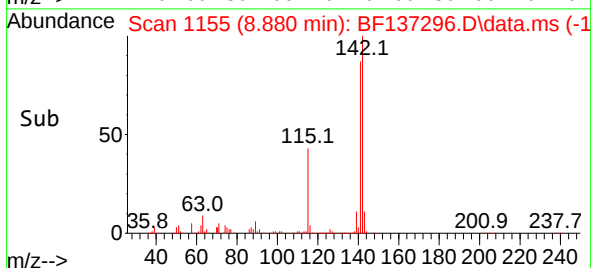
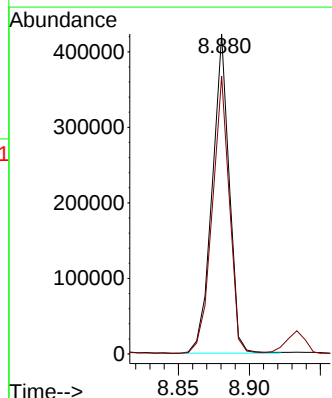
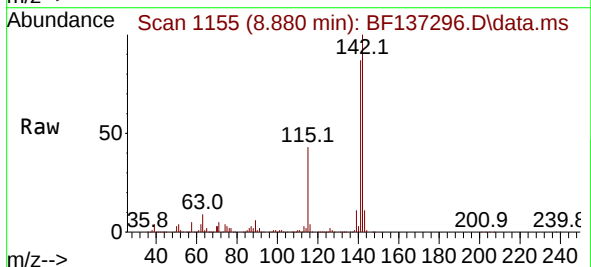
Acq: 06 Feb 2024 17:23

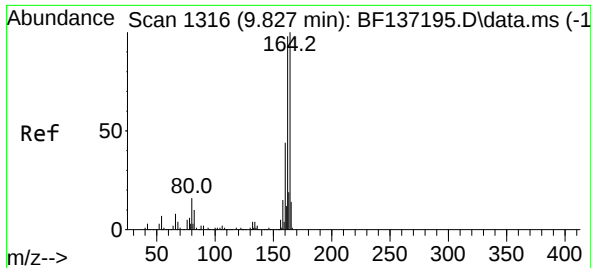
Tgt Ion:142 Resp: 353484

Ion Ratio Lower Upper

142 100

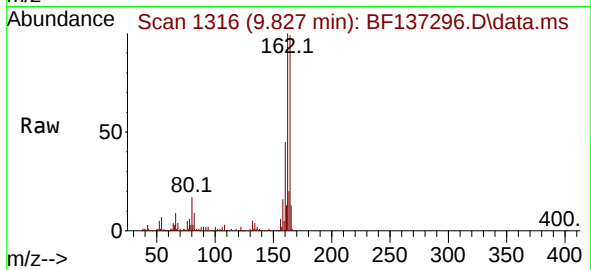
141 86.9 70.6 105.8



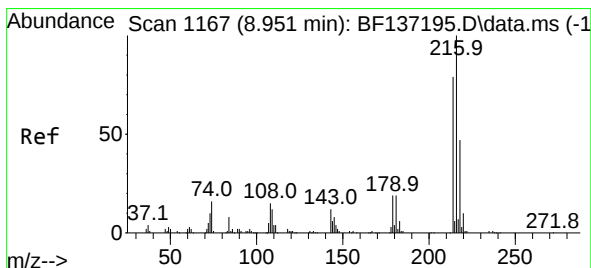
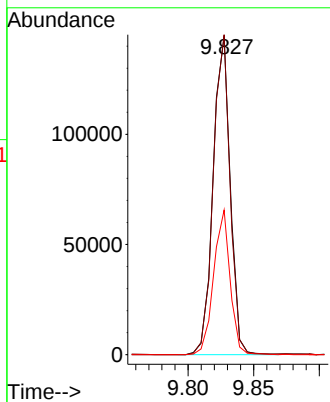
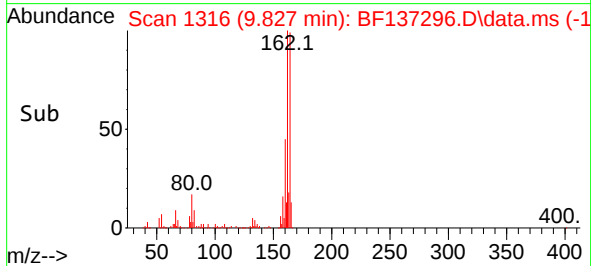


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

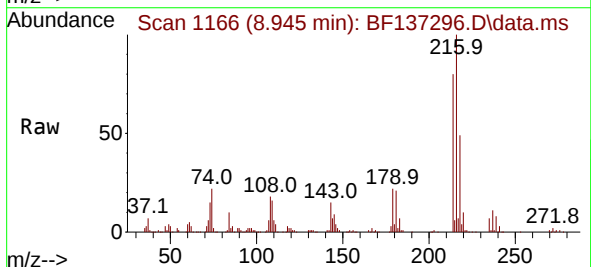
Instrument :
BNA_F
ClientSampleId :



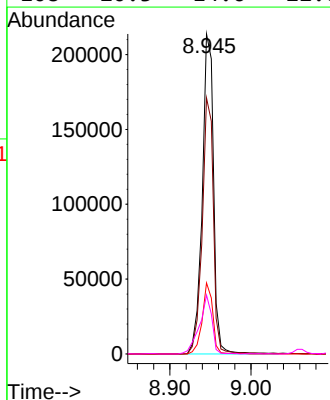
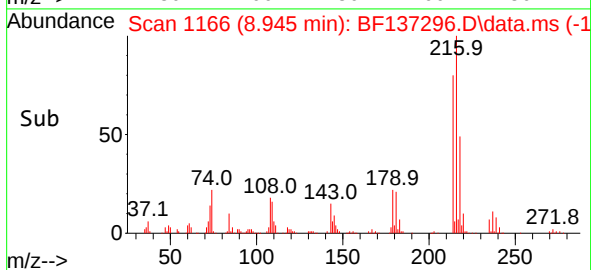
Tgt Ion:164 Resp: 130976
Ion Ratio Lower Upper
164 100
162 100.6 78.3 117.5
160 45.5 35.4 53.2

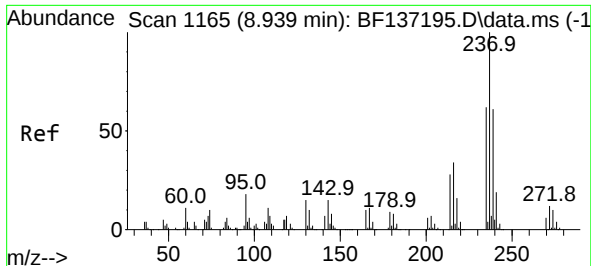


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.194 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23



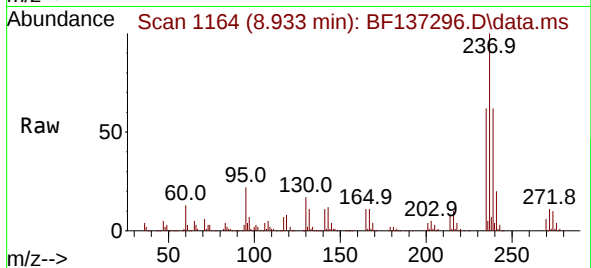
Tgt Ion:216 Resp: 206831
Ion Ratio Lower Upper
216 100
214 79.0 63.9 95.9
179 20.6 16.2 24.2
108 20.3 14.6 22.0



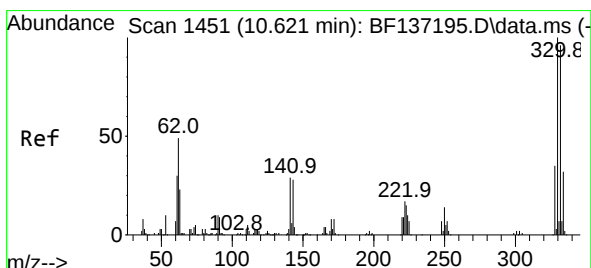
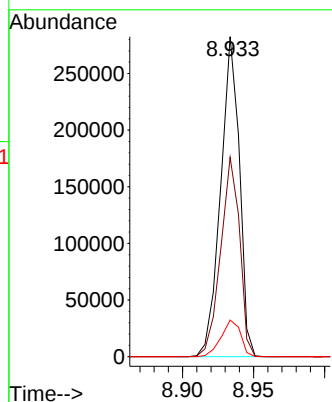
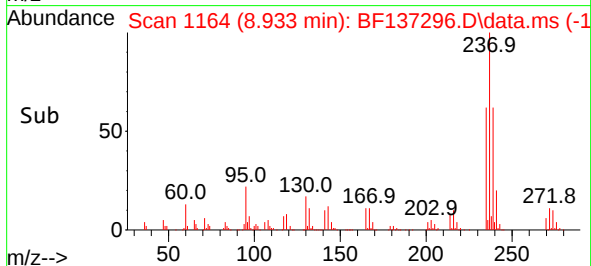


#41
Hexachlorocyclopentadiene
Concen: 124.264 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

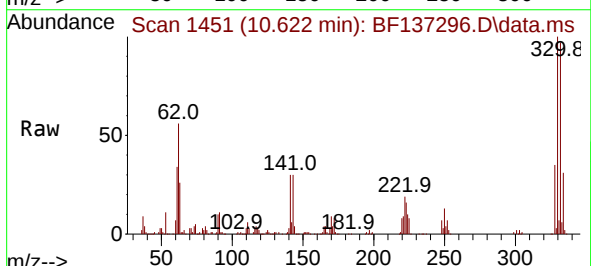
Instrument :
BNA_F
ClientSampleId :



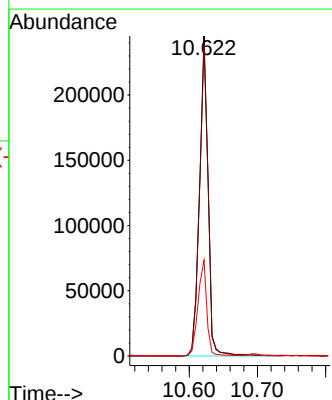
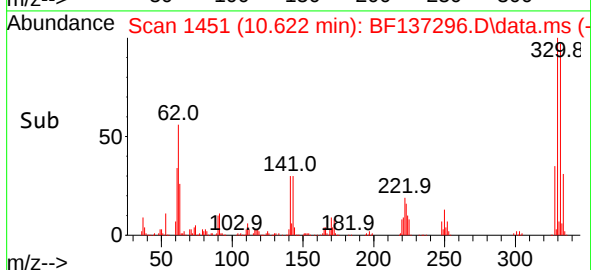
Tgt Ion:237 Resp: 259384
Ion Ratio Lower Upper
237 100
235 62.3 41.6 81.6
272 11.4 0.0 32.4

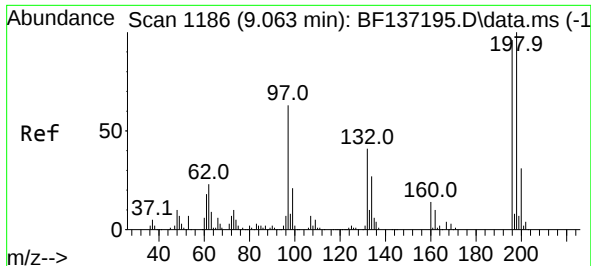


#42
2,4,6-Tribromophenol
Concen: 145.233 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23



Tgt Ion:330 Resp: 214826
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 30.6 25.2 37.8

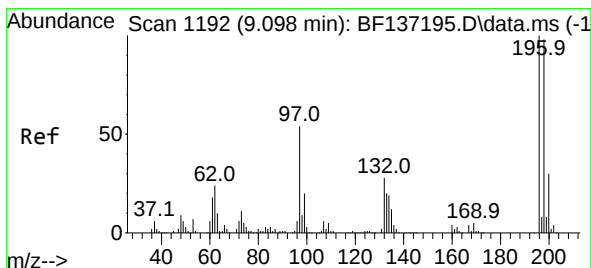
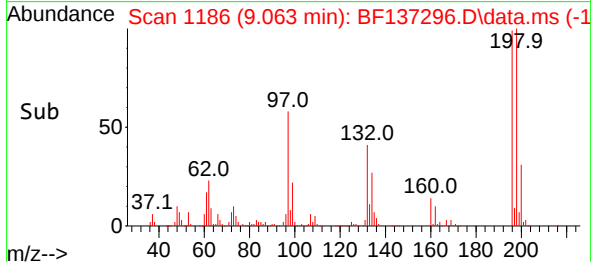
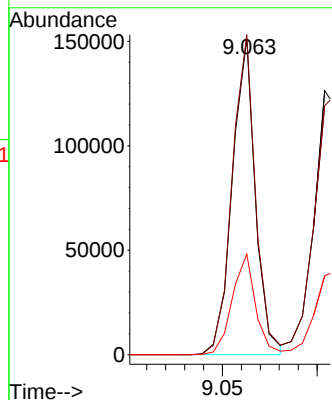
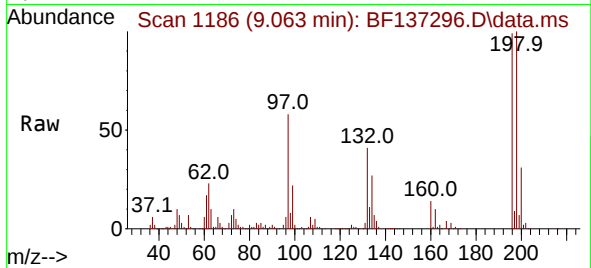




#43
2,4,6-Trichlorophenol
Concen: 51.330 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

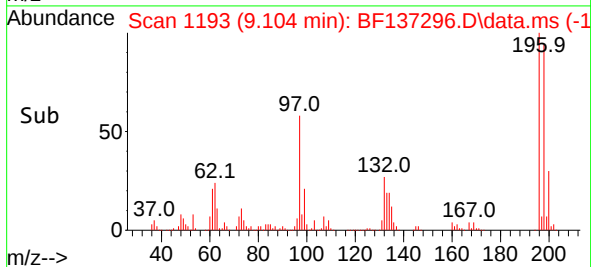
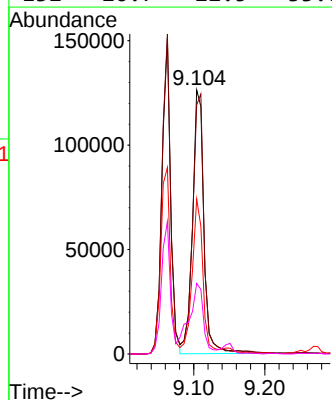
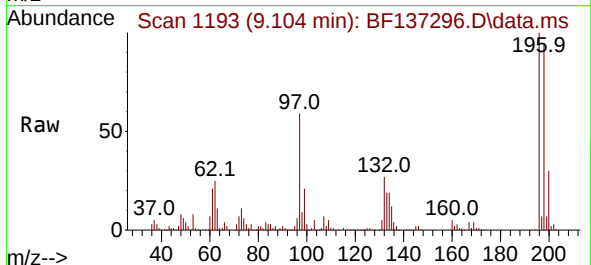
Instrument :
BNA_F
ClientSampleId :

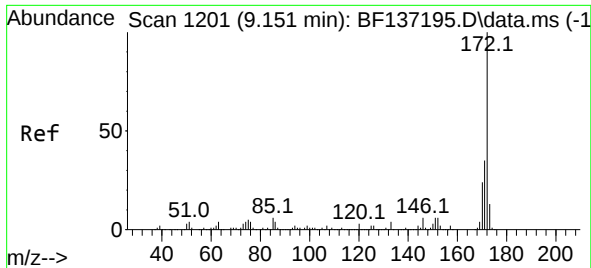
Tgt Ion:196 Resp: 127596
Ion Ratio Lower Upper
196 100
198 101.3 83.0 124.6
200 31.9 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 51.698 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:196 Resp: 140470
Ion Ratio Lower Upper
196 100
198 94.3 78.2 117.4
97 58.6 44.2 66.2
132 26.7 22.5 33.7

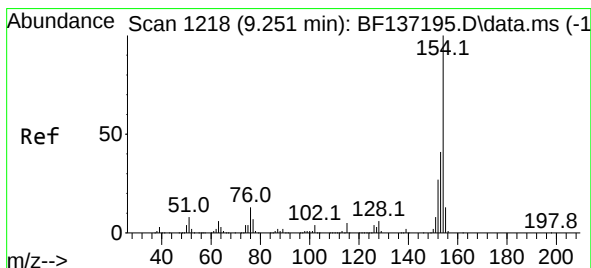
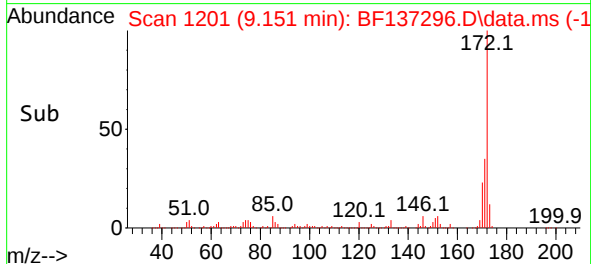
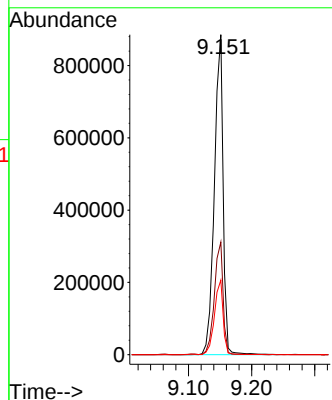
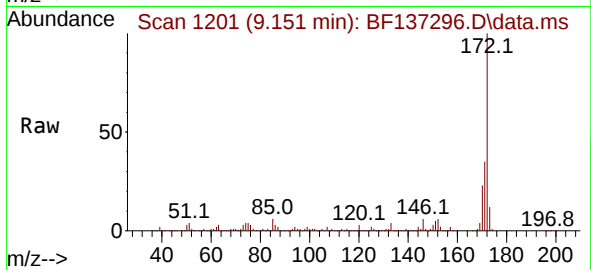




#45
2-Fluorobiphenyl
Concen: 88.925 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

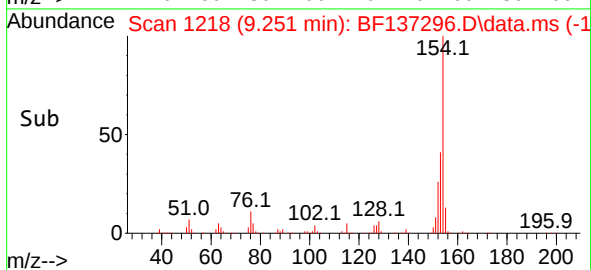
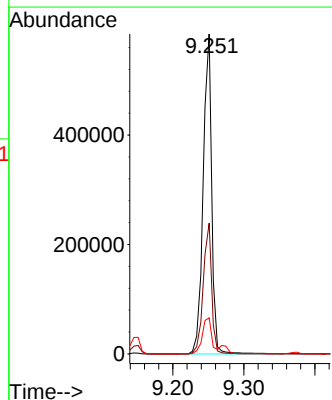
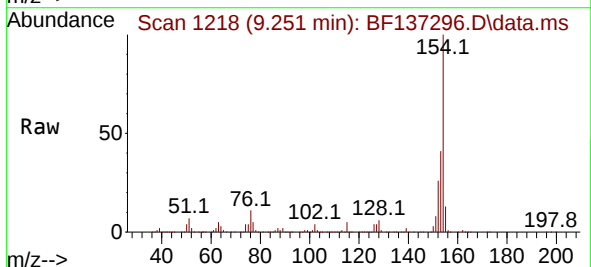
Instrument :
BNA_F
ClientSampleId :

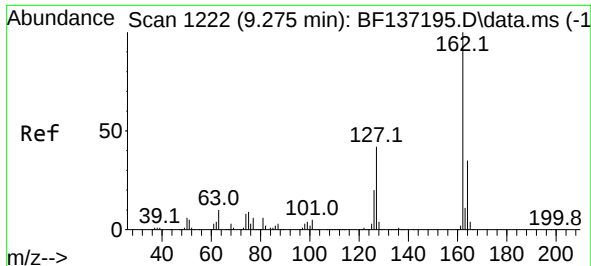
Tgt Ion:172 Resp: 847258
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.190 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:154 Resp: 491764
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 11.3 0.0 33.0

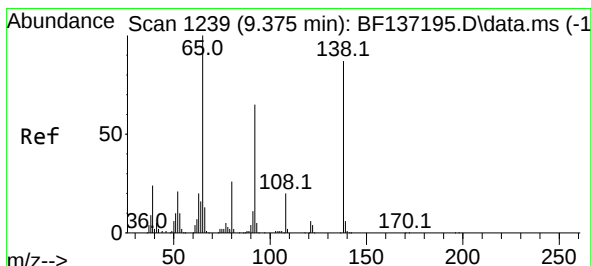
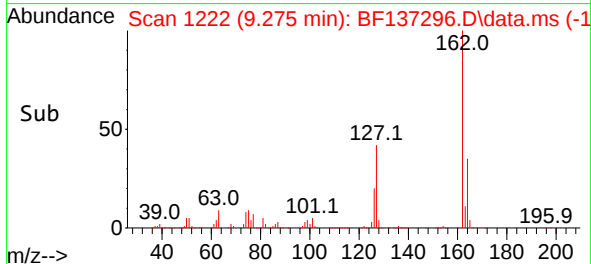
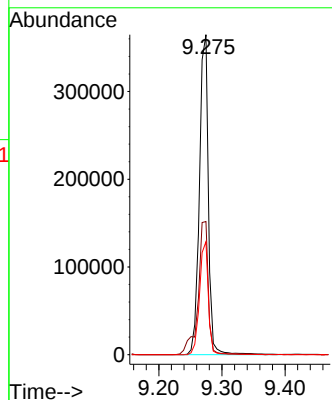
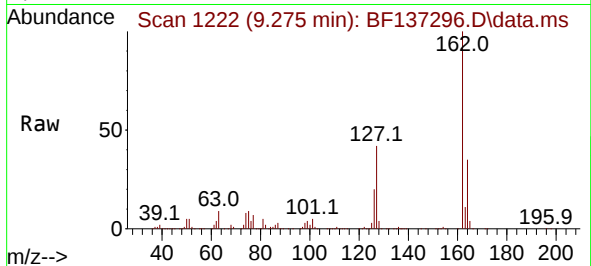




#47
2-Chloronaphthalene
Concen: 46.430 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

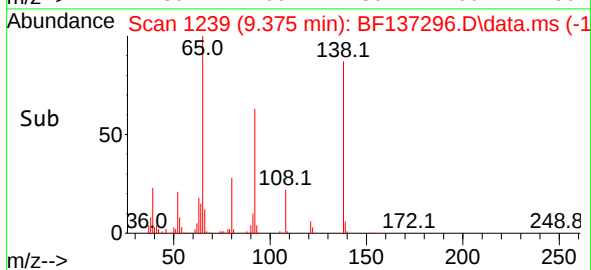
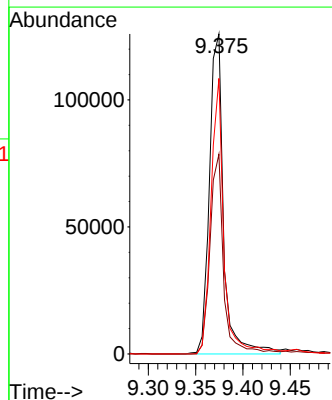
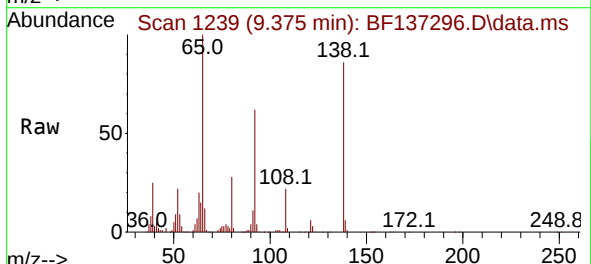
Instrument :
BNA_F
ClientSampleId :

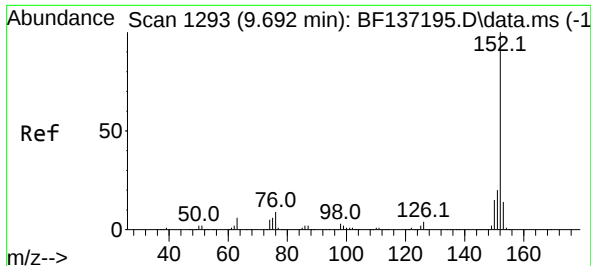
Tgt Ion:162 Resp: 358070
Ion Ratio Lower Upper
162 100
127 41.6 34.1 51.1
164 35.3 27.9 41.9



#48
2-Nitroaniline
Concen: 52.352 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion: 65 Resp: 130676
Ion Ratio Lower Upper
65 100
92 62.4 51.7 77.5
138 86.1 69.7 104.5





#49

Acenaphthylene

Concen: 47.064 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

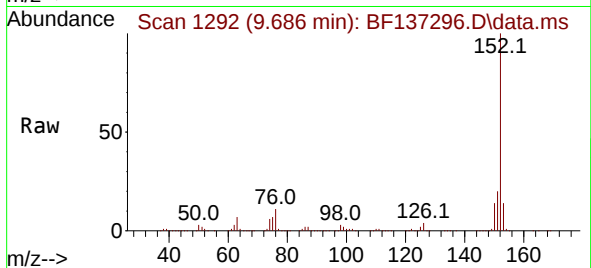
Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :



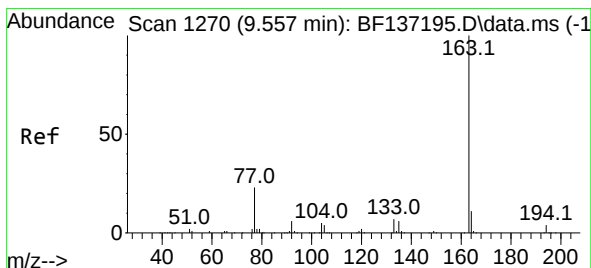
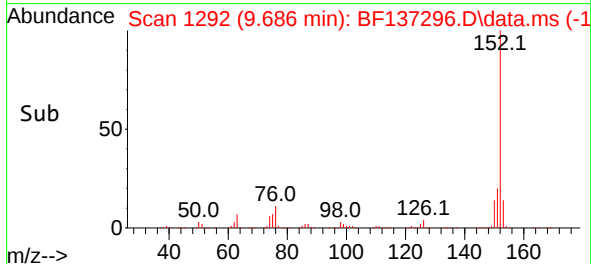
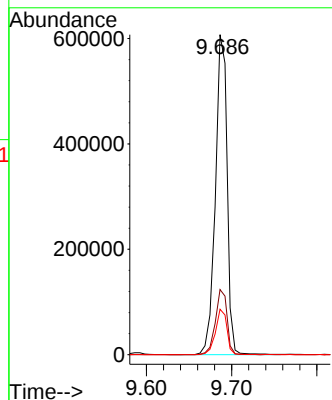
Tgt Ion:152 Resp: 581060

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 14.2 11.2 16.8



#50

Dimethylphthalate

Concen: 48.931 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

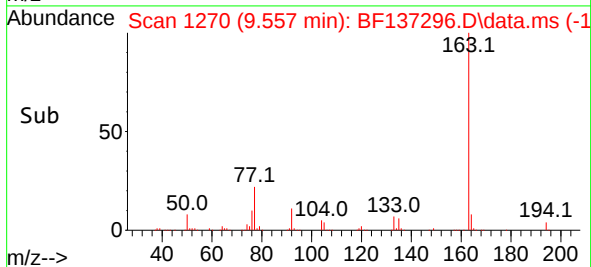
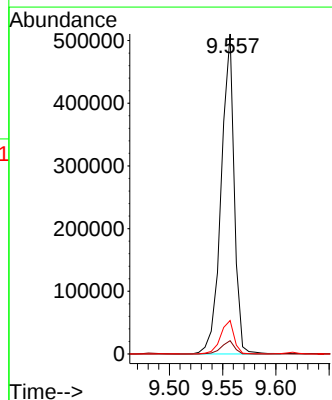
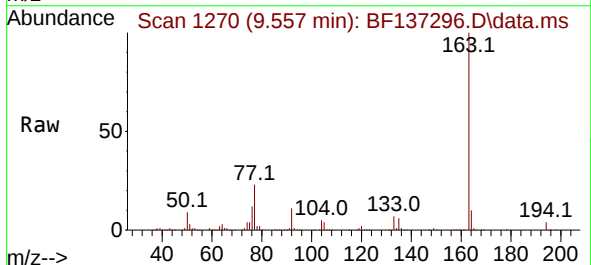
Tgt Ion:163 Resp: 432961

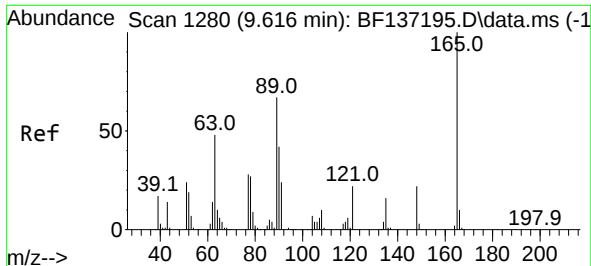
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.5 8.6 13.0

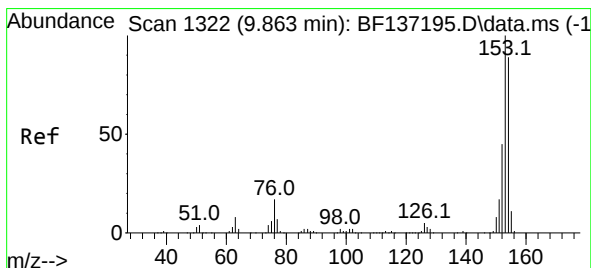
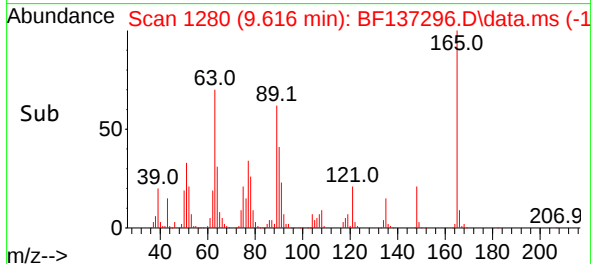
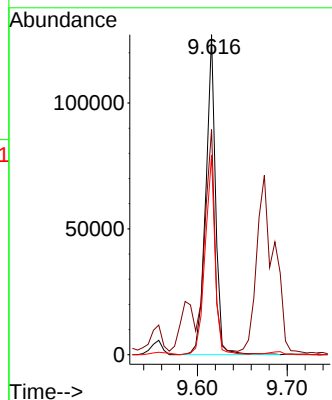
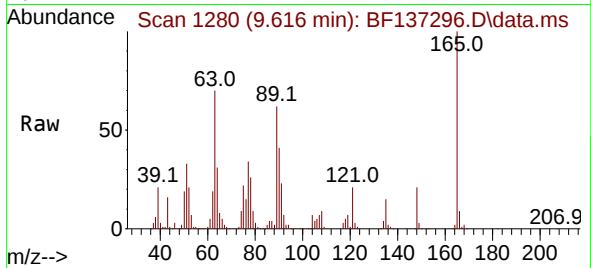




#51
2,6-Dinitrotoluene
Concen: 51.267 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

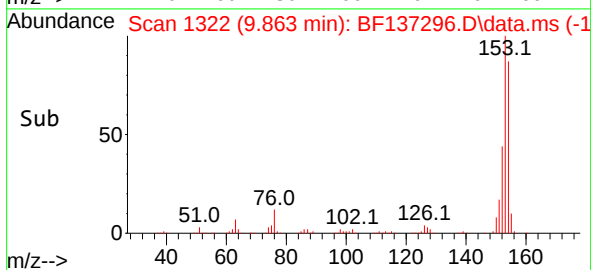
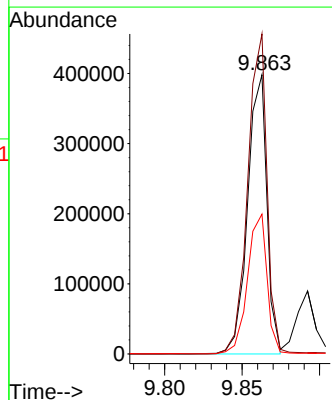
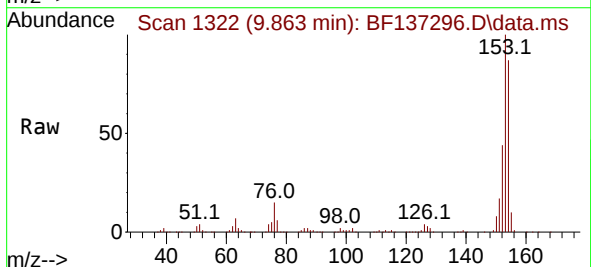
Instrument :
BNA_F
ClientSampleId :

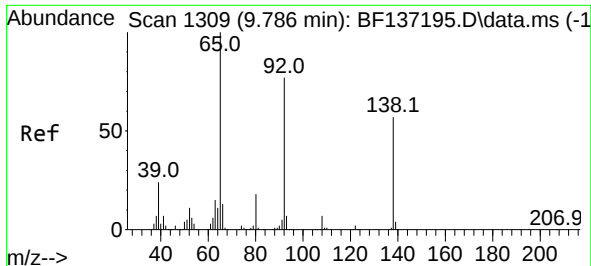
Tgt Ion:165 Resp: 96732
Ion Ratio Lower Upper
165 100
63 70.4 55.1 82.7
89 62.3 53.5 80.3



#52
Acenaphthene
Concen: 47.483 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:154 Resp: 344544
Ion Ratio Lower Upper
154 100
153 114.6 90.2 135.4
152 50.1 40.6 60.8

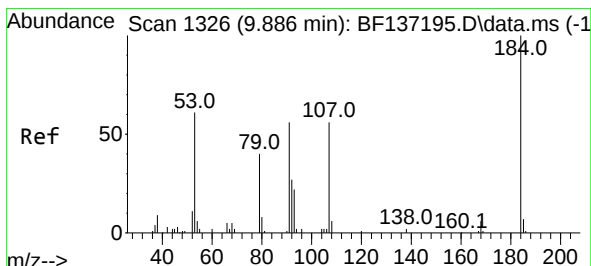
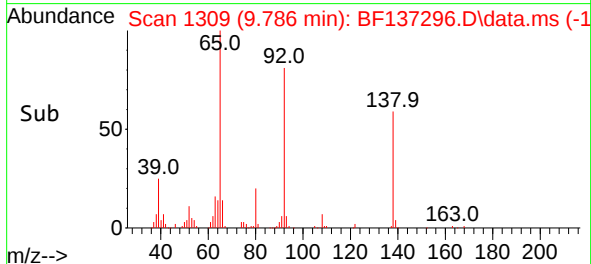
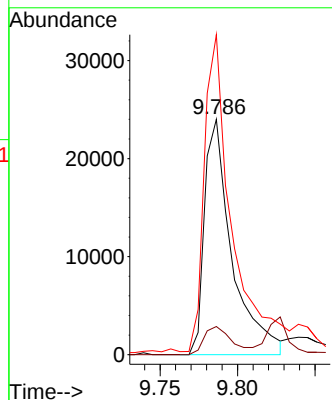
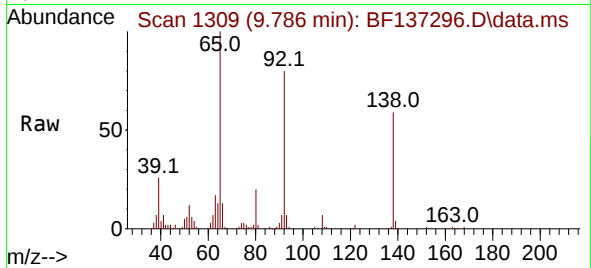




#53
3-Nitroaniline
Concen: 17.436 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

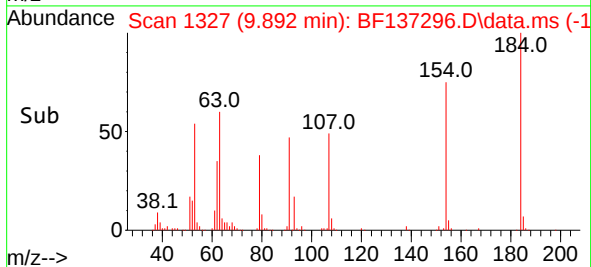
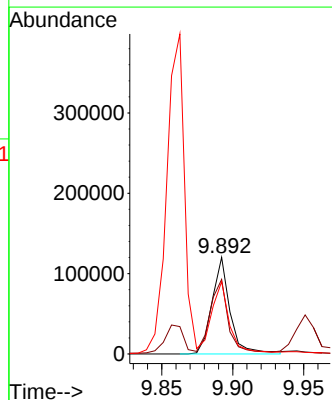
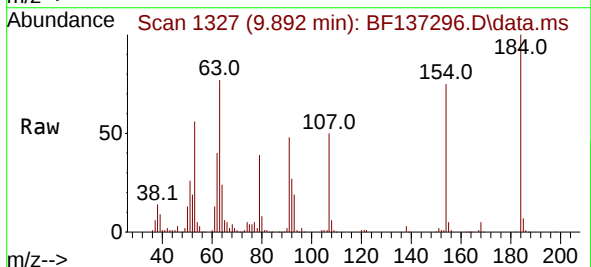
Instrument :
BNA_F
ClientSampleId :

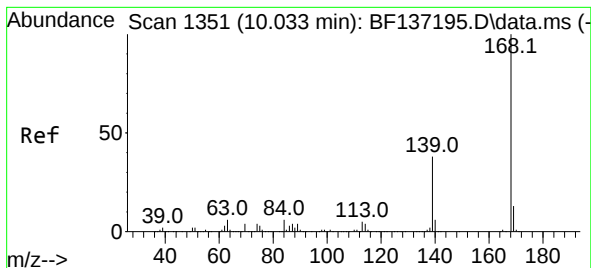
Tgt Ion:138 Resp: 29606
Ion Ratio Lower Upper
138 100
108 12.0 10.4 15.6
92 136.0 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 119.973 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:184 Resp: 106439
Ion Ratio Lower Upper
184 100
63 77.1 71.2 106.8
154 74.8 64.9 97.3





#55

Dibenzenofuran

Concen: 46.883 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

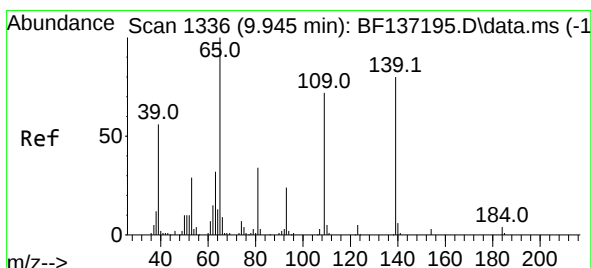
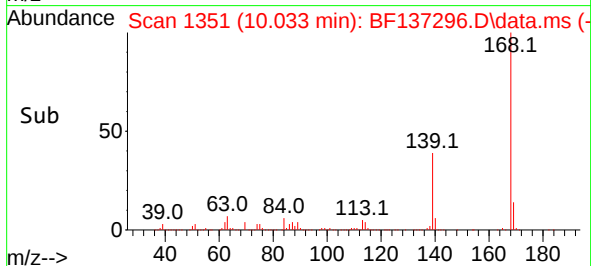
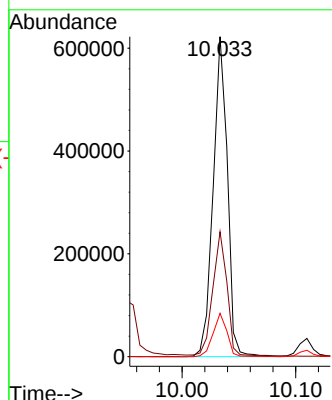
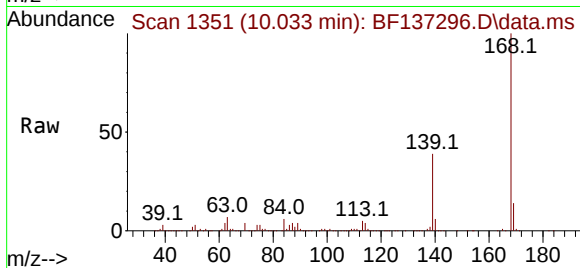
Tgt Ion:168 Resp: 541232

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 103.507 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

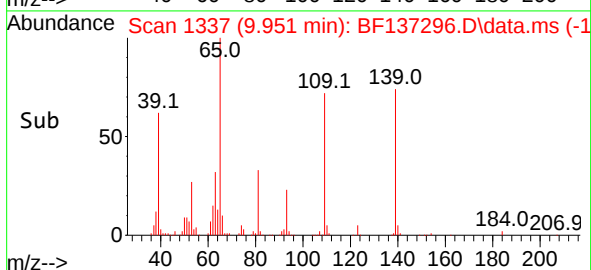
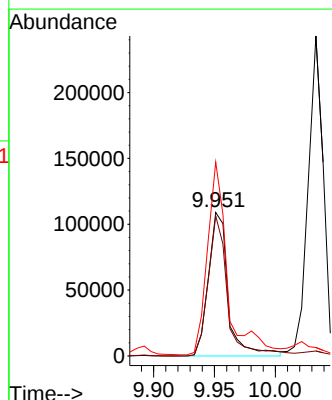
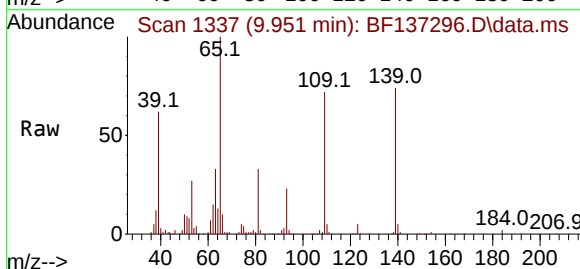
Tgt Ion:139 Resp: 123429

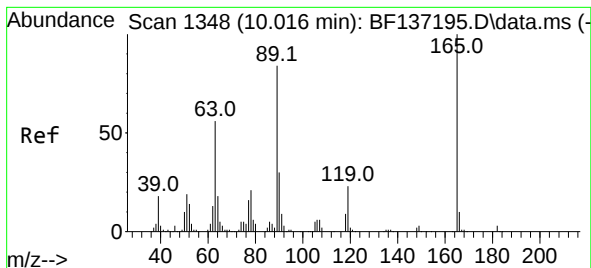
Ion Ratio Lower Upper

139 100

109 97.5 70.4 110.4

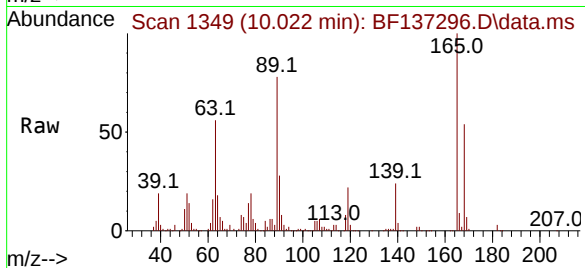
65 135.0 107.6 147.6



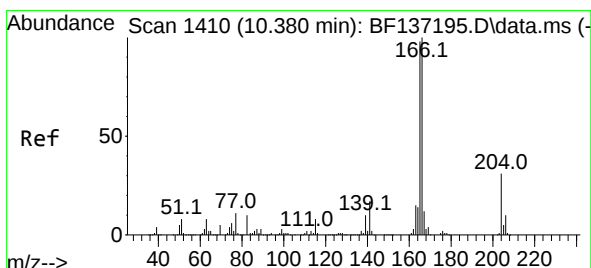
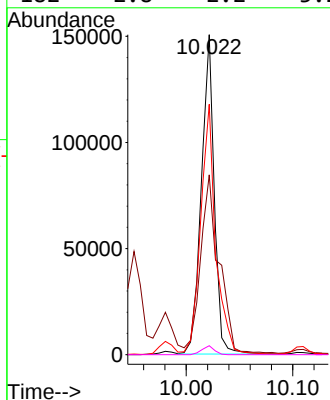
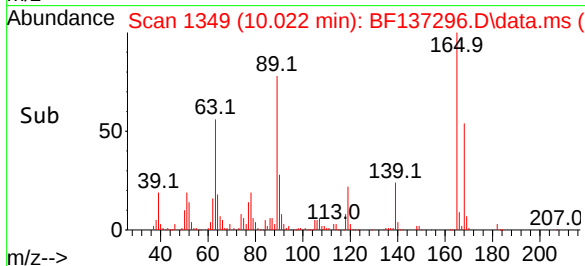


#57
2,4-Dinitrotoluene
Concen: 52.123 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

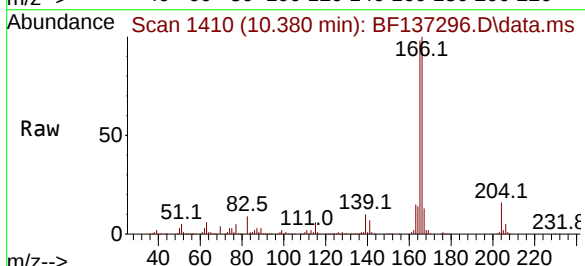
Instrument :
BNA_F
ClientSampleId :



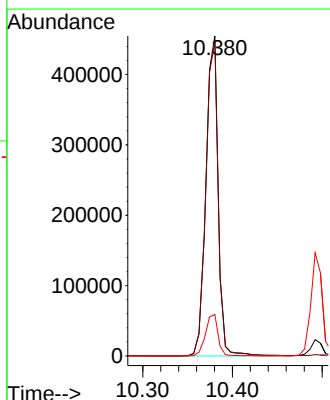
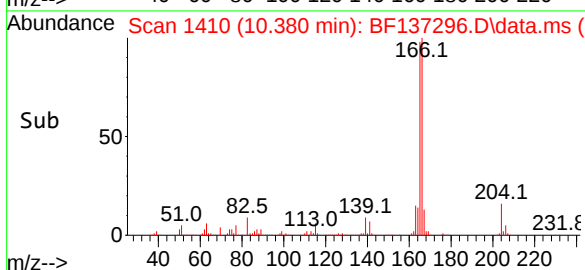
Tgt Ion:165 Resp: 127609
Ion Ratio Lower Upper
165 100
63 56.2 46.1 69.1
89 78.2 67.5 101.3
182 2.8 2.2 3.2

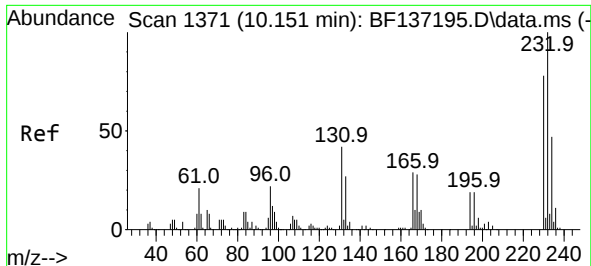


#58
Fluorene
Concen: 47.594 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23



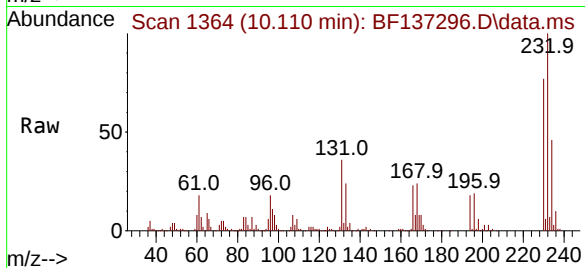
Tgt Ion:166 Resp: 430738
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.0 10.0 15.0



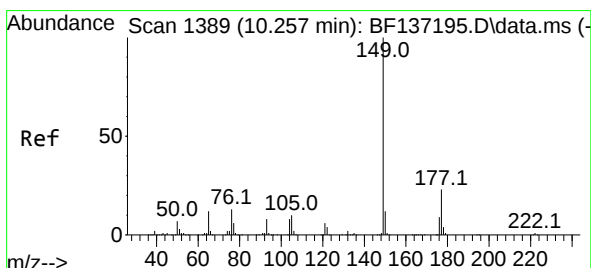
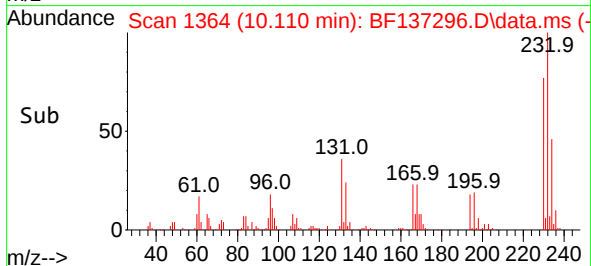
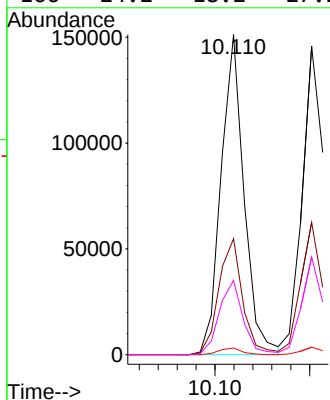


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.518 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.041 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Instrument :
BNA_F
ClientSampleId :

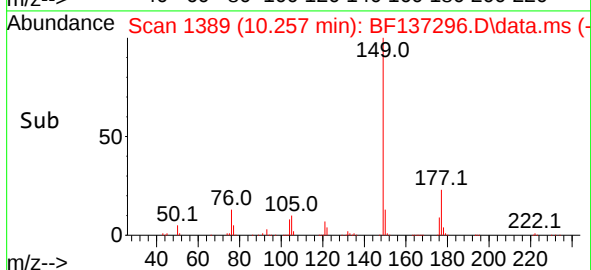
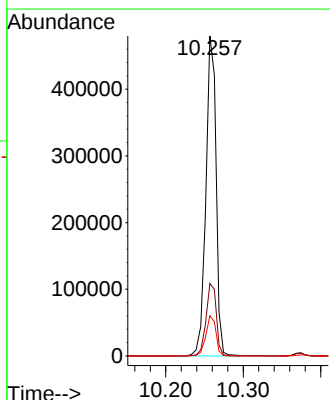
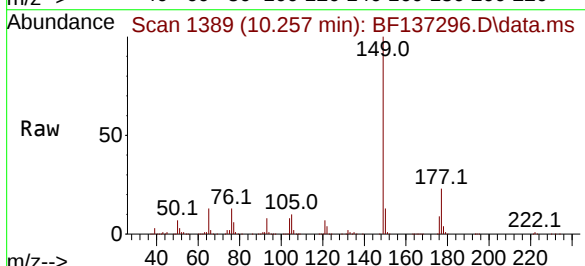


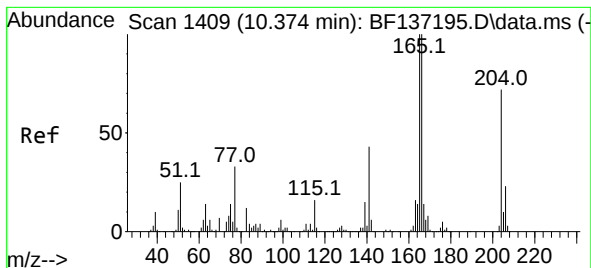
Tgt Ion:232 Resp: 127718
Ion Ratio Lower Upper
232 100
131 37.8 27.4 41.2
130 2.1 1.7 2.5
166 24.2 18.2 27.2



#60
Diethylphthalate
Concen: 50.325 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:149 Resp: 438458
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.5 9.6 14.4

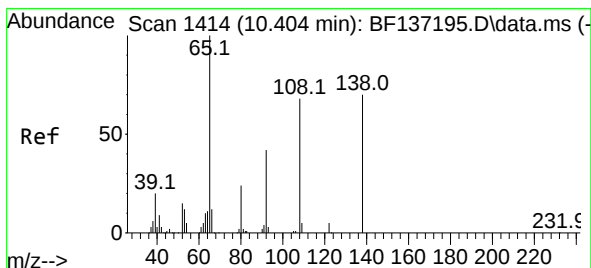
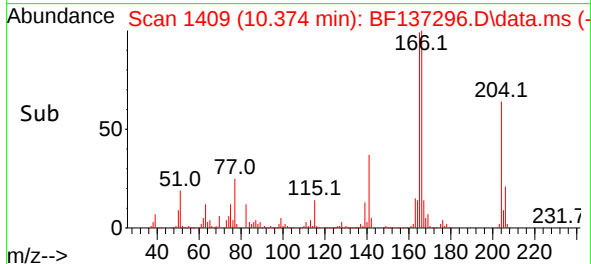
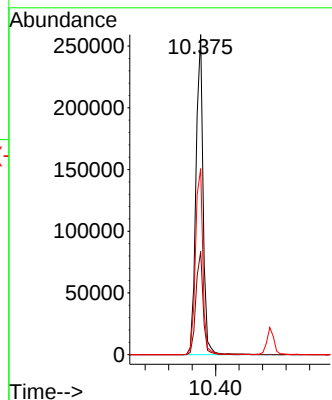
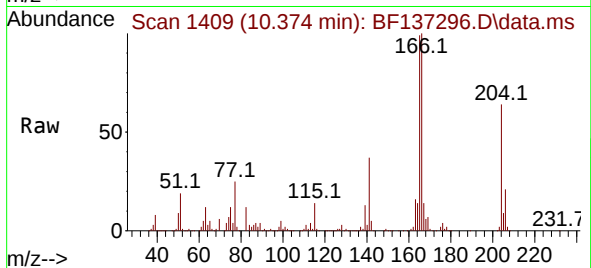




#61
4-Chlorophenyl-phenylether
Concen: 48.245 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

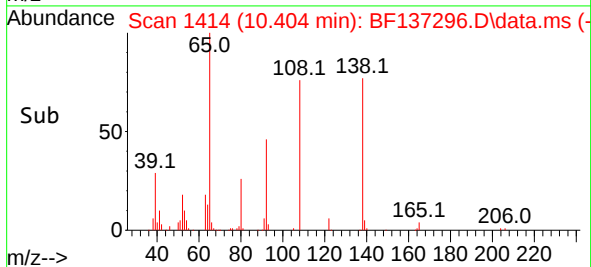
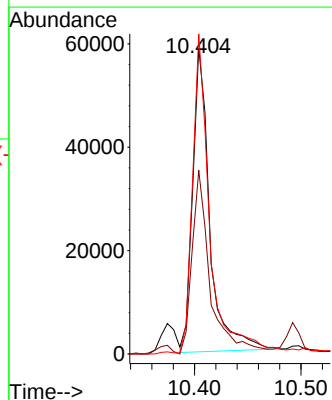
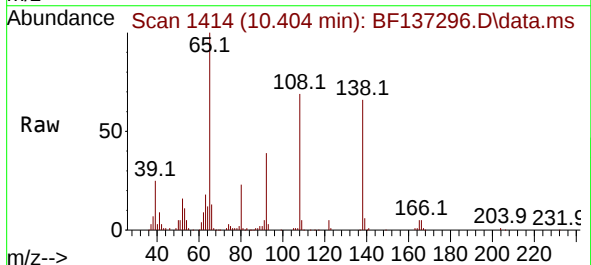
Instrument :
BNA_F
ClientSampleId :

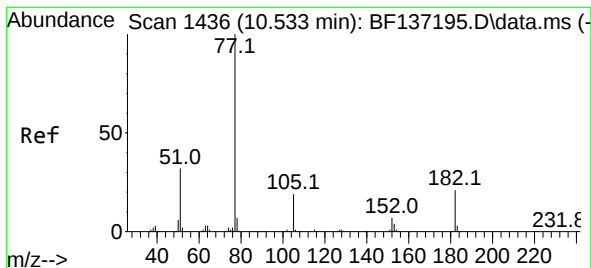
Tgt Ion:204 Resp: 217029
Ion Ratio Lower Upper
204 100
206 32.3 25.5 38.3
141 58.2 48.3 72.5



#62
4-Nitroaniline
Concen: 40.488 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:138 Resp: 65805
Ion Ratio Lower Upper
138 100
92 60.1 39.3 79.3
108 104.6 75.3 115.3





#63

Azobenzene

Concen: 46.984 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

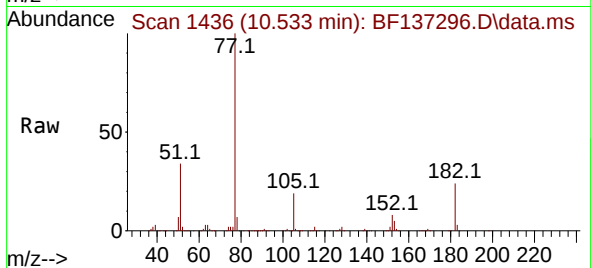
Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 453354

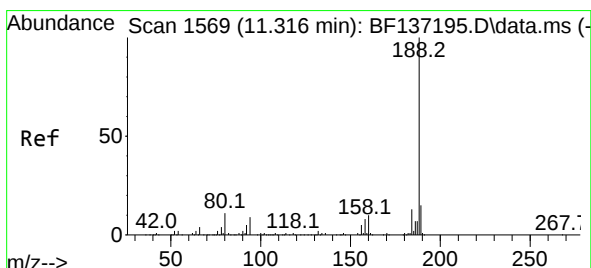
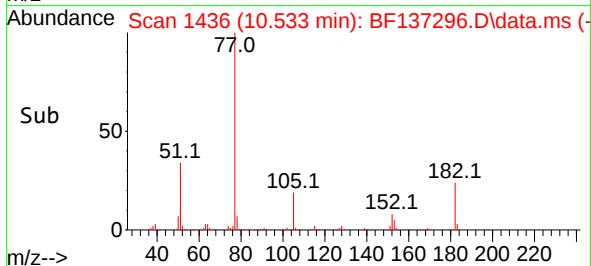
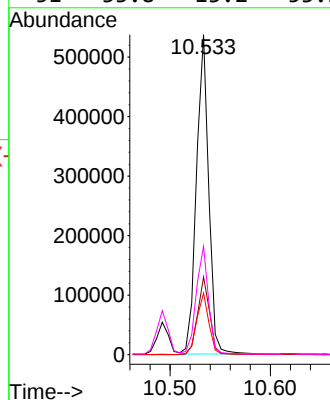
Ion Ratio Lower Upper

77 100

182 24.3 1.1 41.1

105 19.3 0.0 38.9

51 33.8 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: BF137296.D

Acq: 06 Feb 2024 17:23

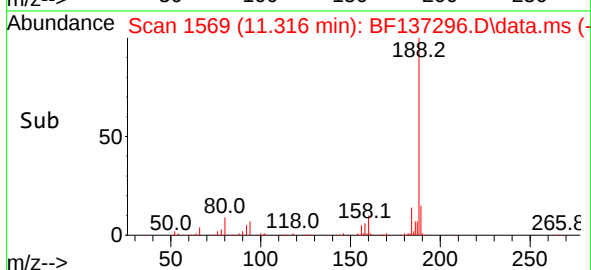
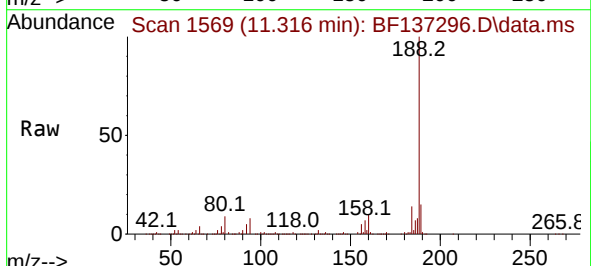
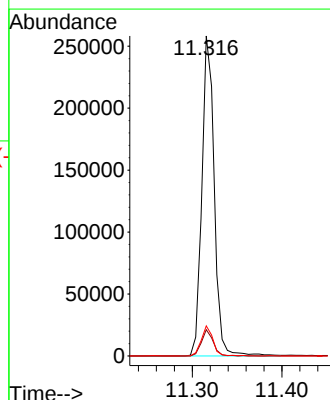
Tgt Ion: 188 Resp: 247278

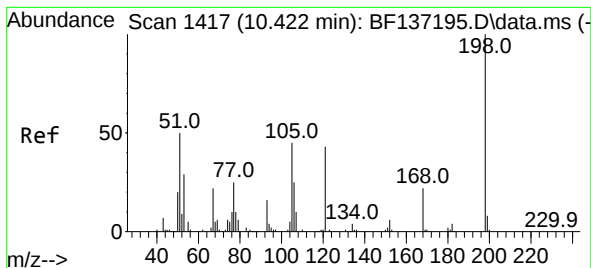
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.4 8.8 13.2

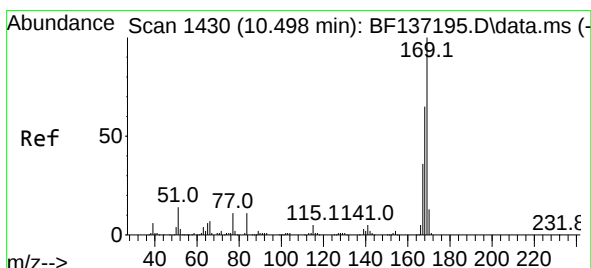
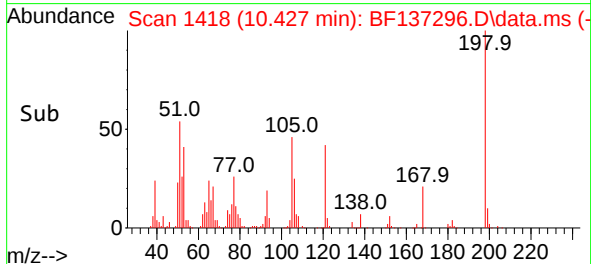
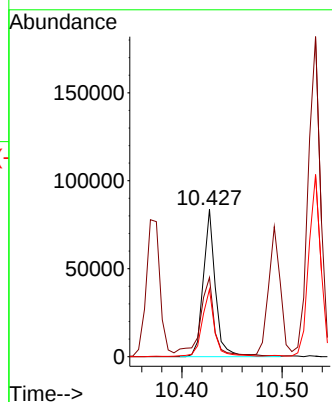
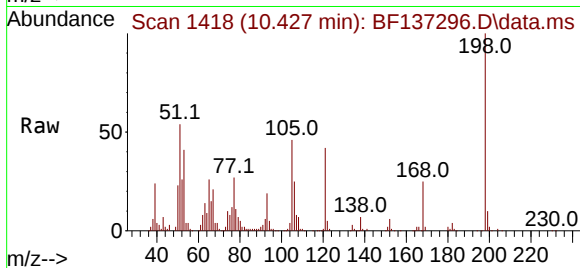




#65
4,6-Dinitro-2-methylphenol
Concen: 53.492 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.005 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

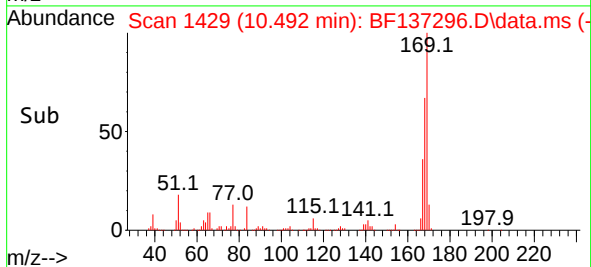
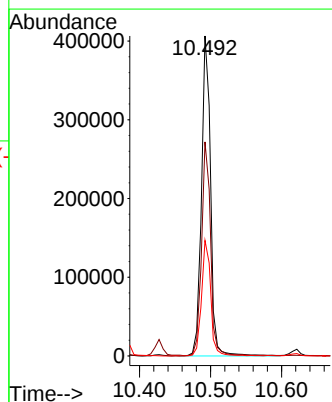
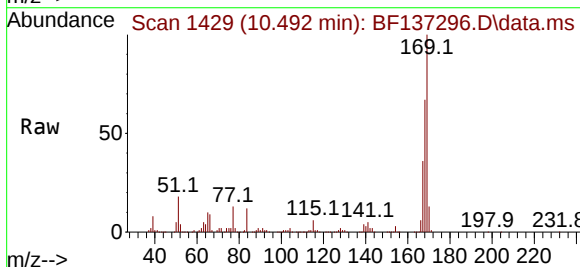
Instrument :
BNA_F
ClientSampleId :

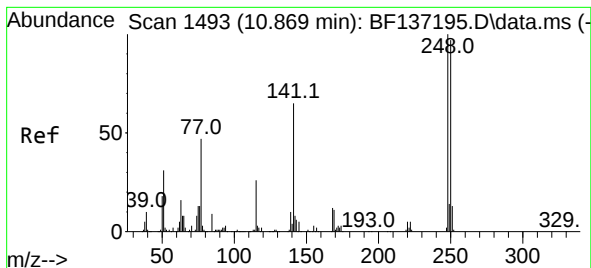
Tgt Ion:198 Resp: 70989
Ion Ratio Lower Upper
198 100
51 53.7 40.9 80.9
105 45.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.163 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

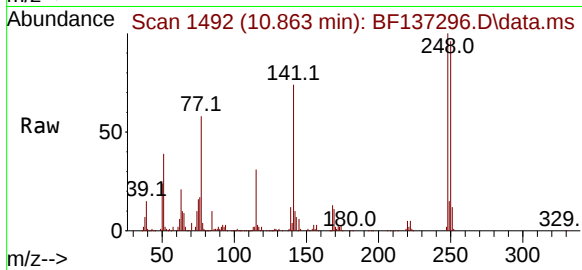
Tgt Ion:169 Resp: 362126
Ion Ratio Lower Upper
169 100
168 66.9 51.9 77.9
167 36.1 29.0 43.6



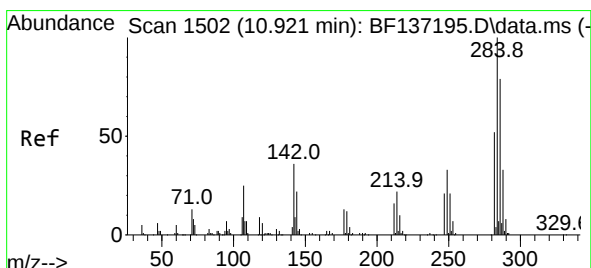
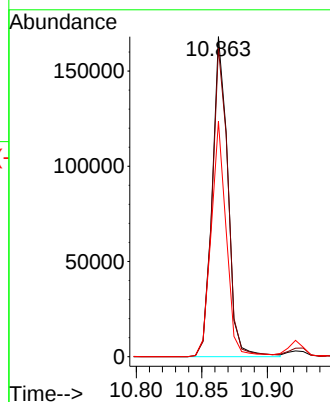
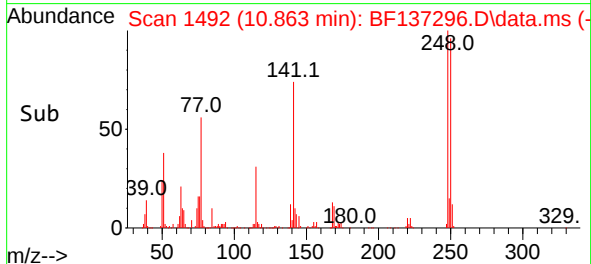


#67
4-Bromophenyl-phenylether
Concen: 51.237 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Instrument :
BNA_F
ClientSampleId :

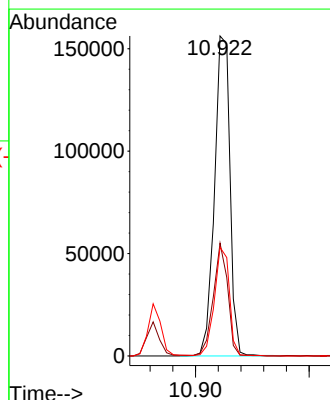
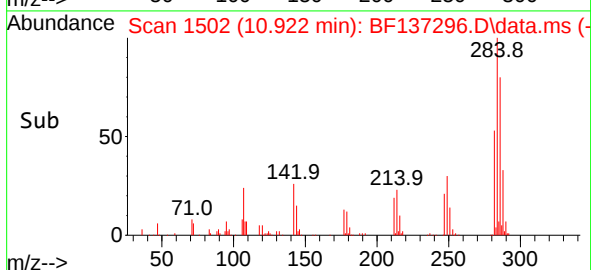
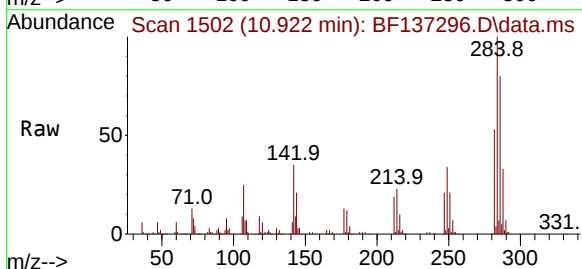


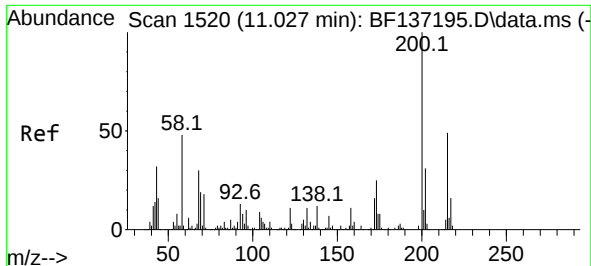
Tgt Ion:248 Resp: 139314
Ion Ratio Lower Upper
248 100
250 96.5 77.7 116.5
141 73.6 51.6 77.4



#68
Hexachlorobenzene
Concen: 48.818 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

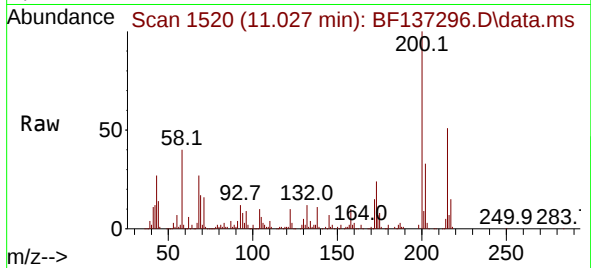
Tgt Ion:284 Resp: 148263
Ion Ratio Lower Upper
284 100
142 35.3 28.7 43.1
249 34.0 27.0 40.4



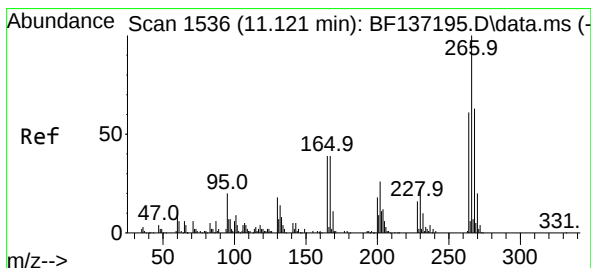
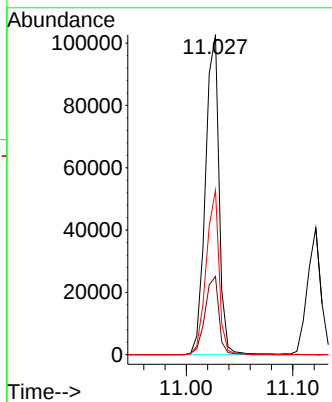
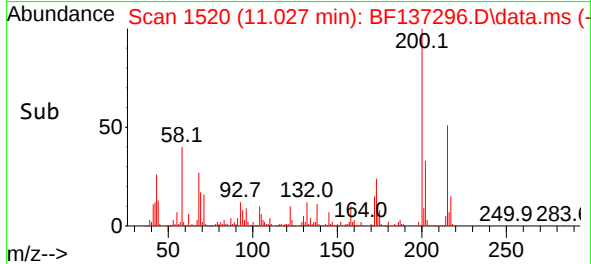


#69
 Atrazine
 Concen: 37.016 ng
 RT: 11.027 min Scan# 1520
 Delta R.T. 0.000 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23

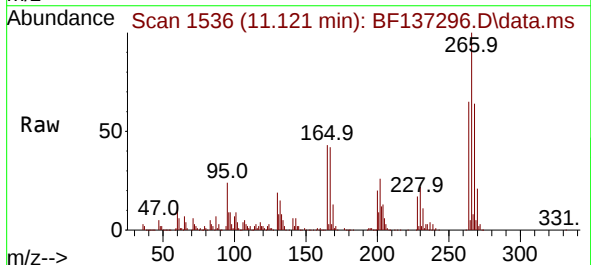
Instrument :
 BNA_F
 ClientSampleId :



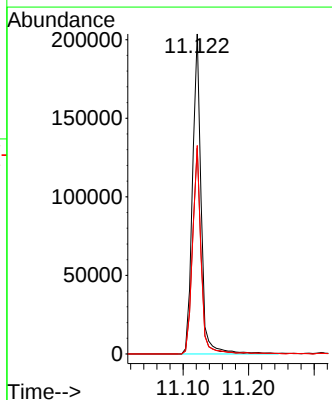
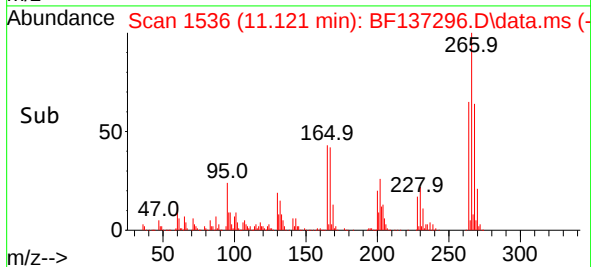
Tgt Ion:200 Resp: 91875
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.3 45.3
 215 51.4 29.4 69.4

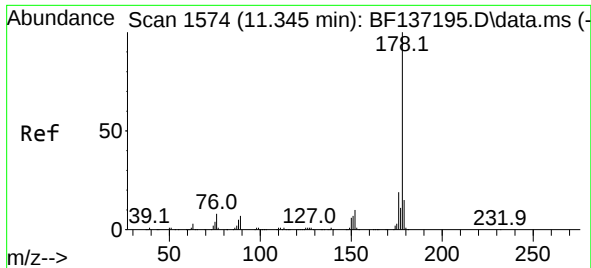


#70
 Pentachlorophenol
 Concen: 107.535 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF137296.D
 Acq: 06 Feb 2024 17:23



Tgt Ion:266 Resp: 187217
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.6 76.0
 264 65.1 48.8 73.2

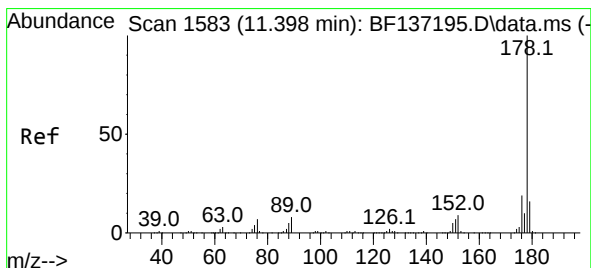
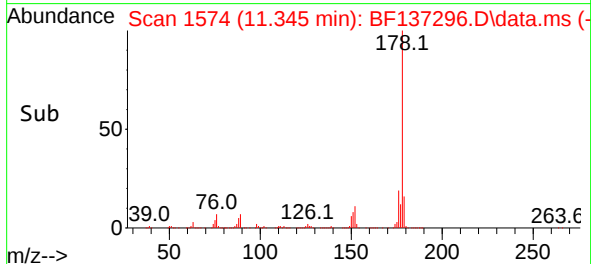
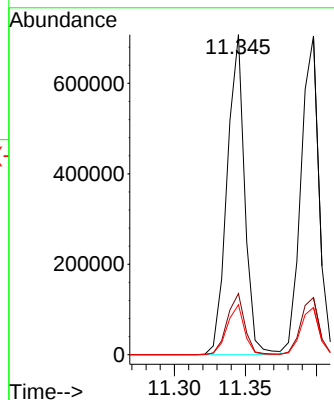
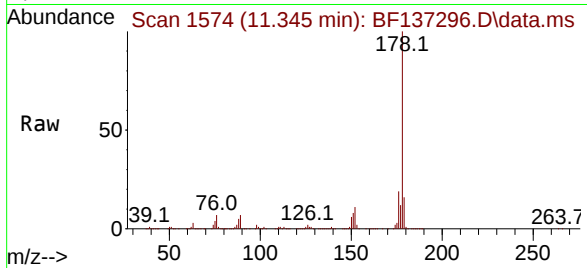




#71
Phenanthrene
Concen: 46.929 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

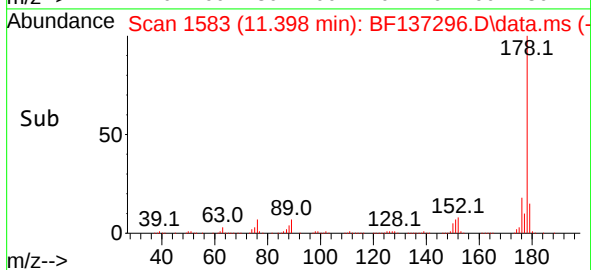
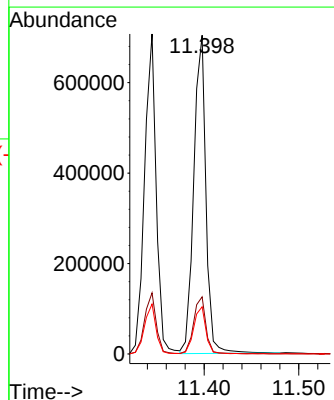
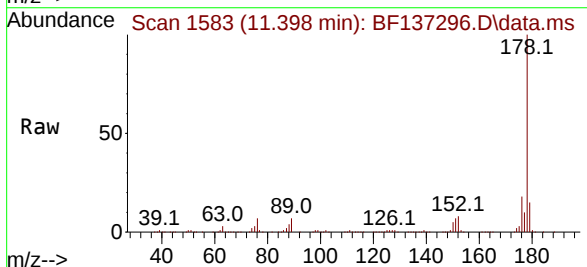
Instrument :
BNA_F
ClientSampleId :

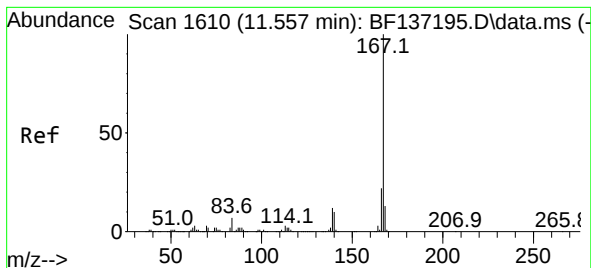
Tgt Ion:178 Resp: 607510
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.6 12.1 18.1



#72
Anthracene
Concen: 46.605 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:178 Resp: 628839
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 14.8 12.7 19.1





#73

Carbazole

Concen: 45.576 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

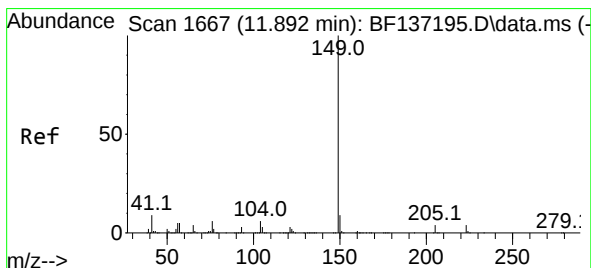
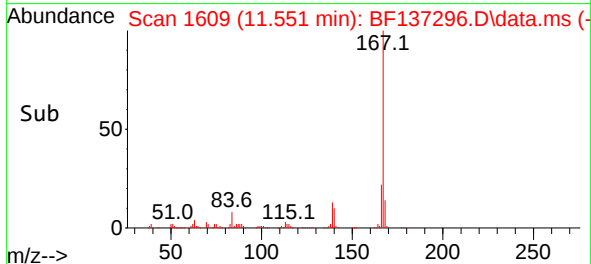
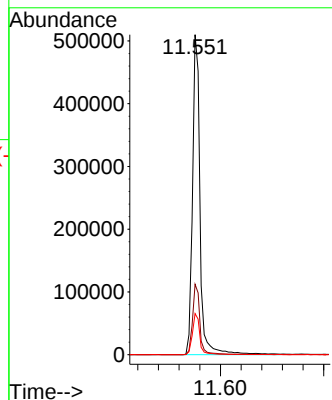
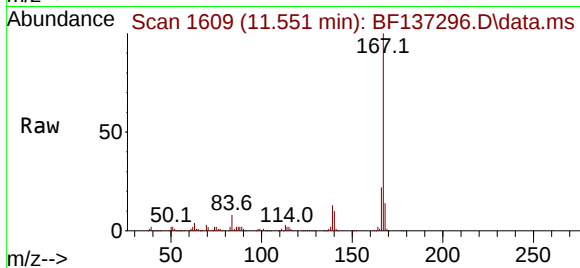
Tgt Ion:167 Resp: 513933

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 12.8 9.7 14.5



#74

Di-n-butylphthalate

Concen: 53.002 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

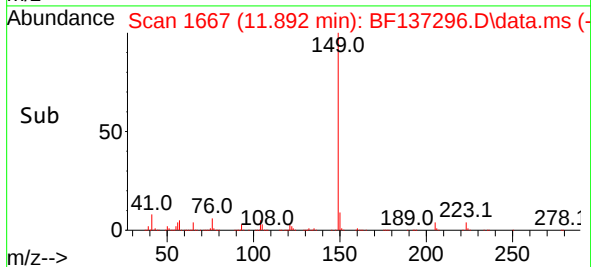
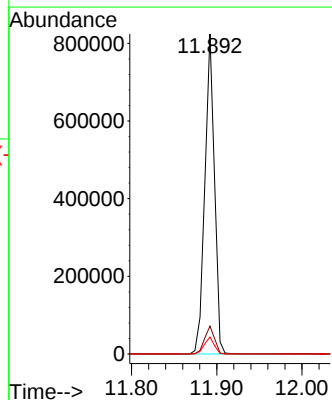
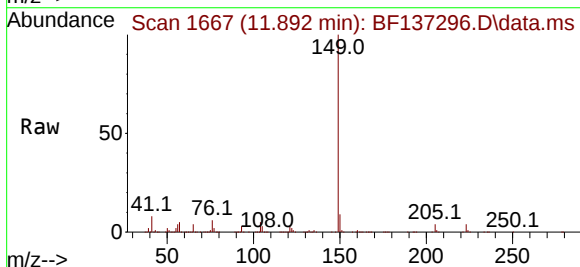
Tgt Ion:149 Resp: 646067

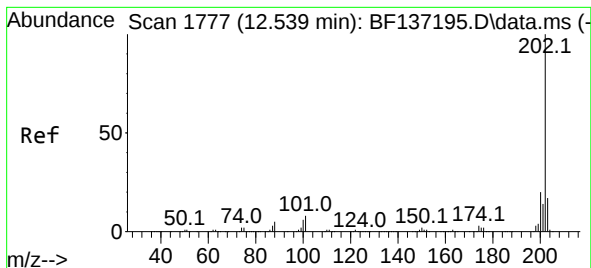
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 45.427 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

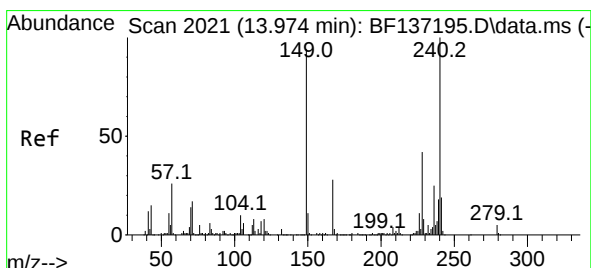
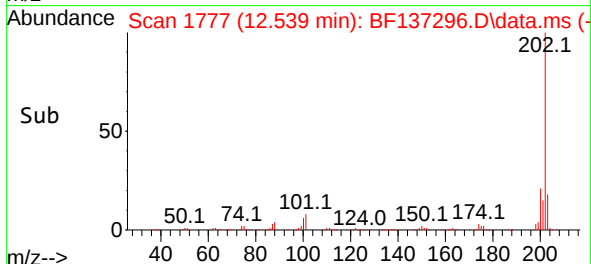
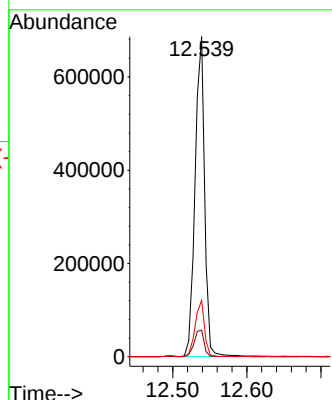
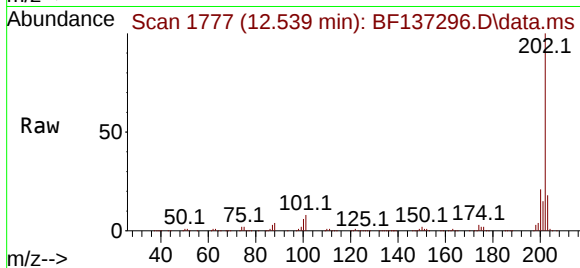
Tgt Ion:202 Resp: 615363

Ion Ratio Lower Upper

202 100

101 8.3 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: BF137296.D

Acq: 06 Feb 2024 17:23

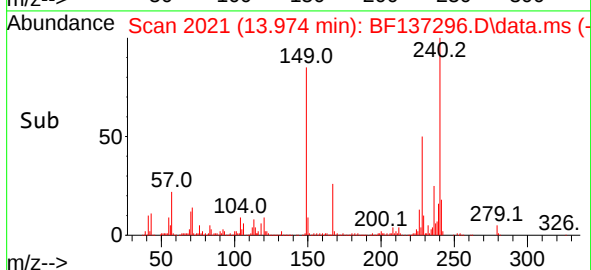
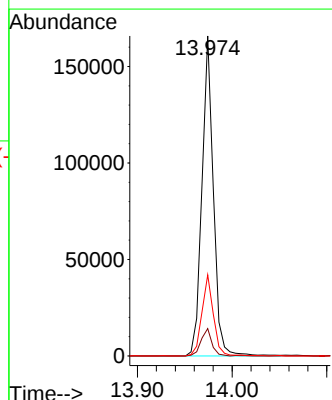
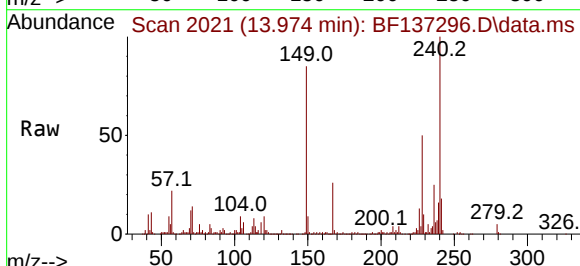
Tgt Ion:240 Resp: 139411

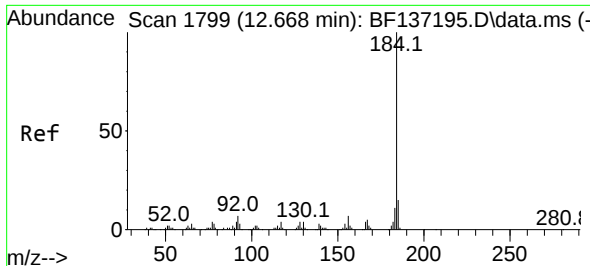
Ion Ratio Lower Upper

240 100

120 8.6 6.3 9.5

236 25.4 20.3 30.5

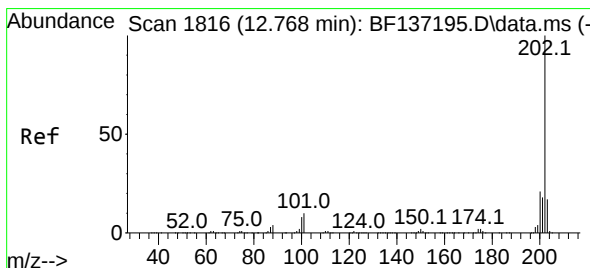
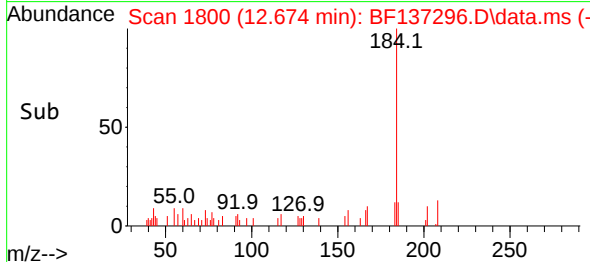
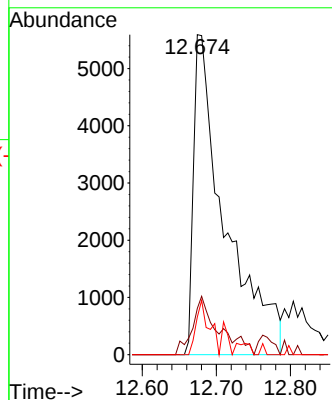
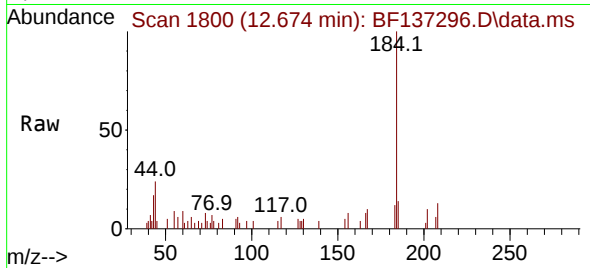




#77
Benzidine
Concen: 6.594 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

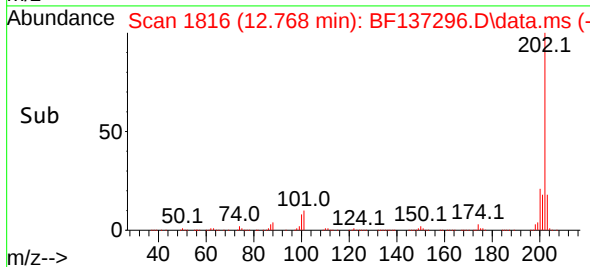
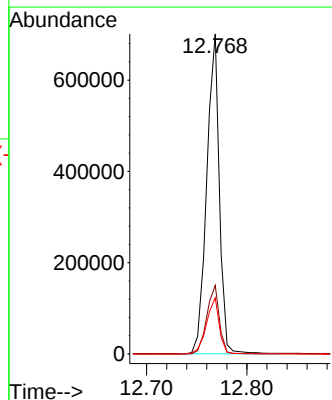
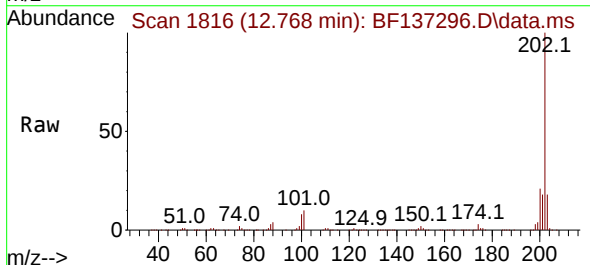
Instrument :
BNA_F
ClientSampleId :

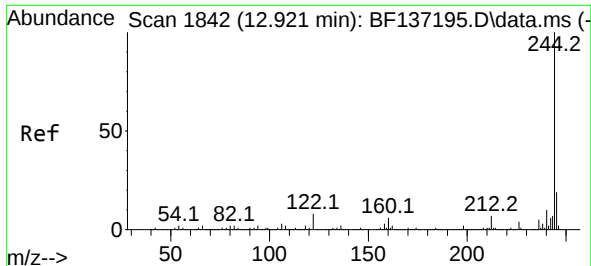
Tgt Ion:184 Resp: 16461
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.8 8.8 13.2



#78
Pyrene
Concen: 46.030 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

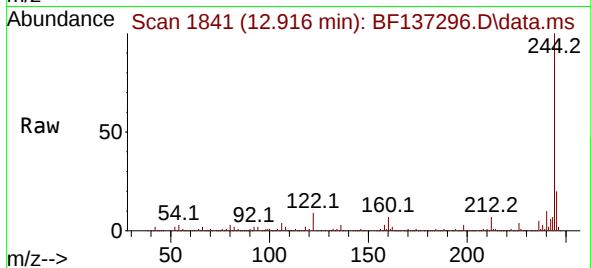
Tgt Ion:202 Resp: 616690
Ion Ratio Lower Upper
202 100
200 21.4 16.5 24.7
203 17.5 13.8 20.6



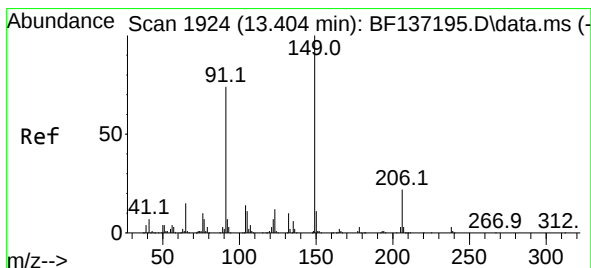
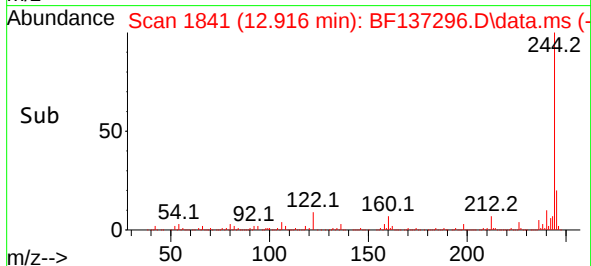
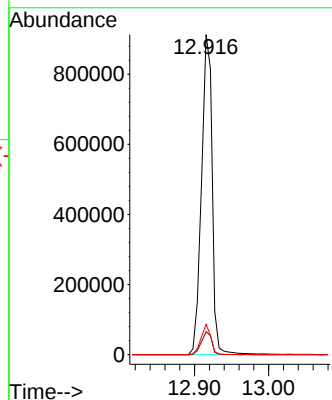


#79
Terphenyl-d14
Concen: 89.146 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Instrument :
BNA_F
ClientSampleId :

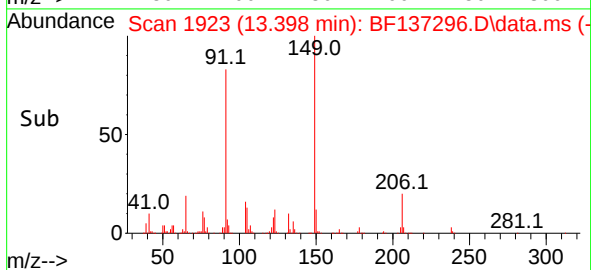
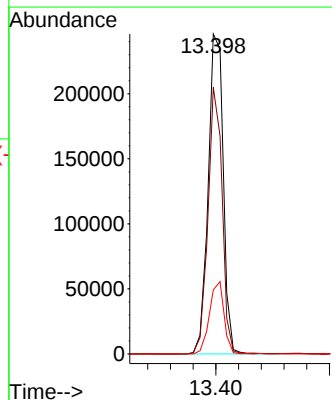
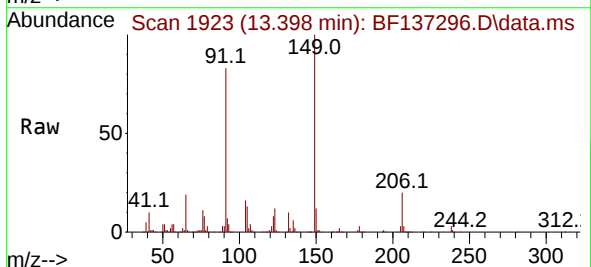


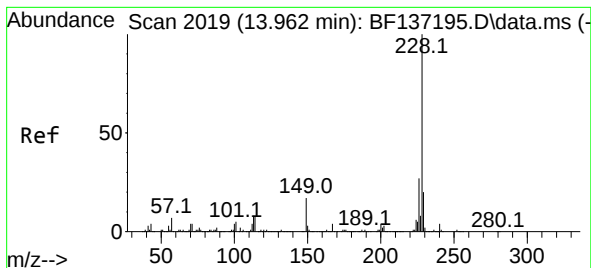
Tgt Ion:244 Resp: 914196
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.4 6.2 9.4#



#80
Butylbenzylphthalate
Concen: 66.135 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:149 Resp: 226660
Ion Ratio Lower Upper
149 100
91 83.3 58.8 88.2
206 20.1 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.871 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

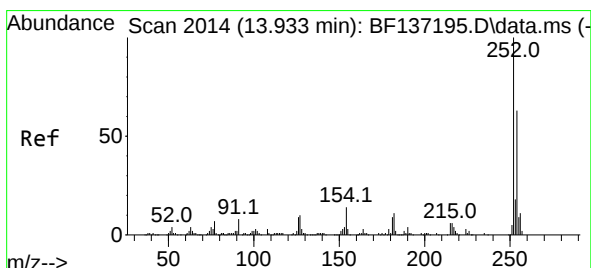
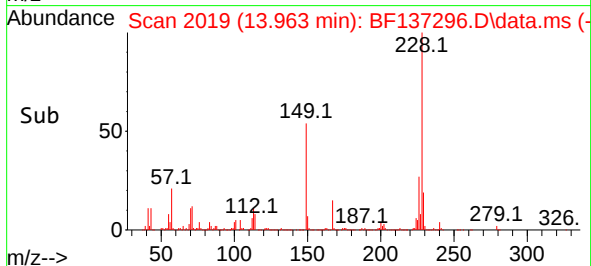
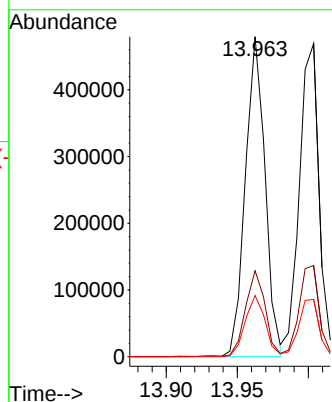
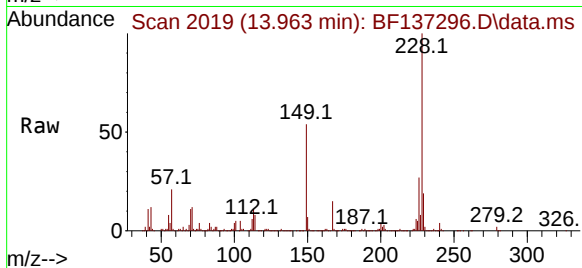
Tgt Ion:228 Resp: 462770

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 19.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 25.211 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

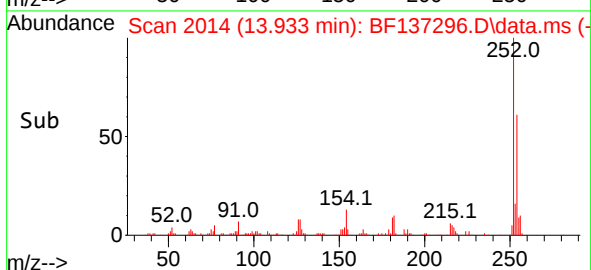
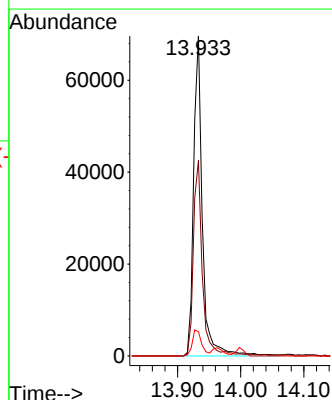
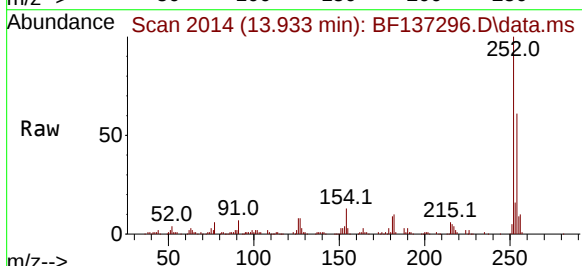
Tgt Ion:252 Resp: 67815

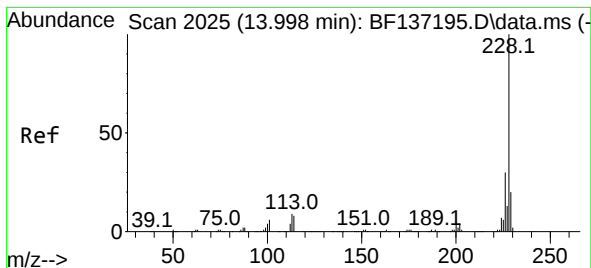
Ion Ratio Lower Upper

252 100

254 61.1 50.2 75.2

126 7.6 7.0 10.6





#83

Chrysene

Concen: 47.846 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

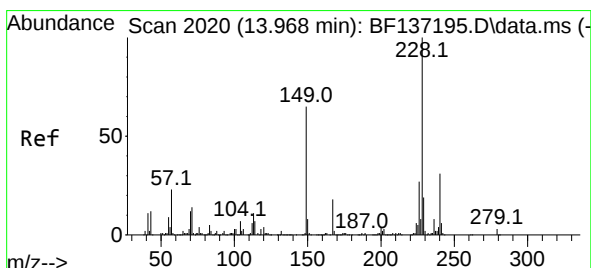
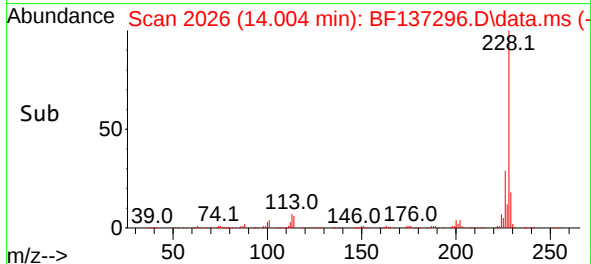
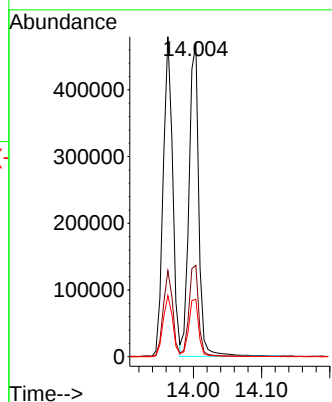
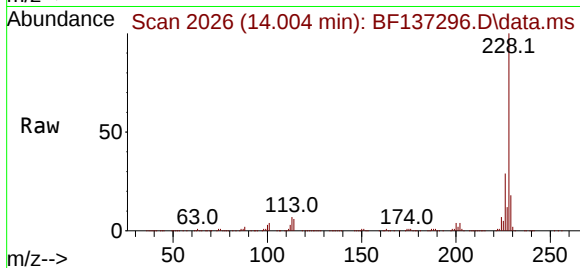
Tgt Ion:228 Resp: 464422

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

229 18.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.279 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

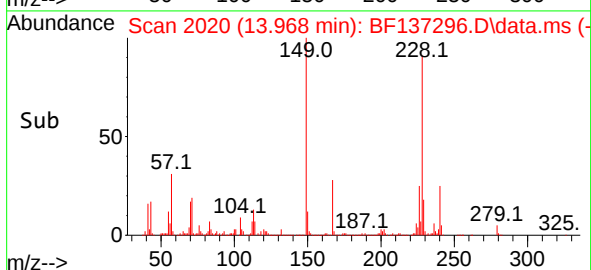
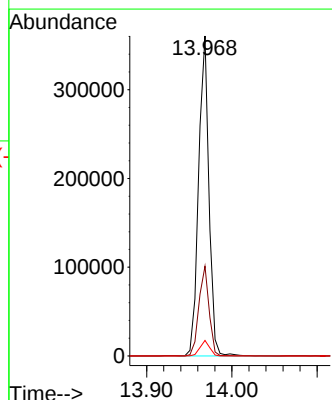
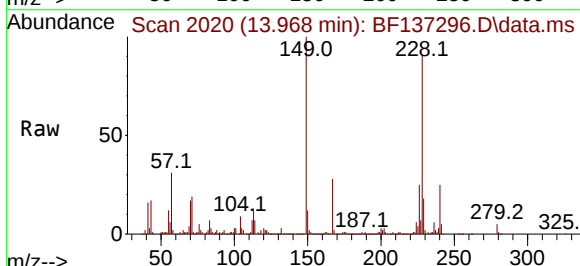
Tgt Ion:149 Resp: 304144

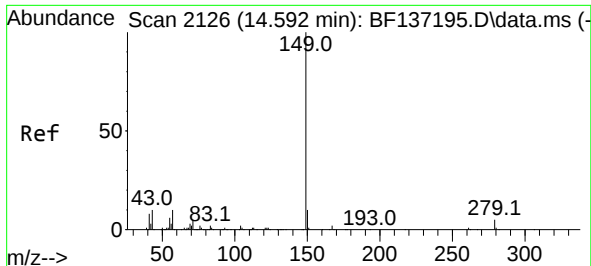
Ion Ratio Lower Upper

149 100

167 28.0 21.7 32.5

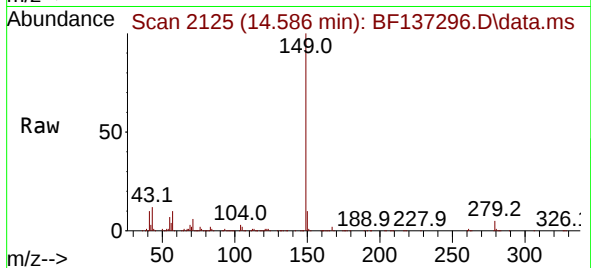
279 4.8 3.4 5.0



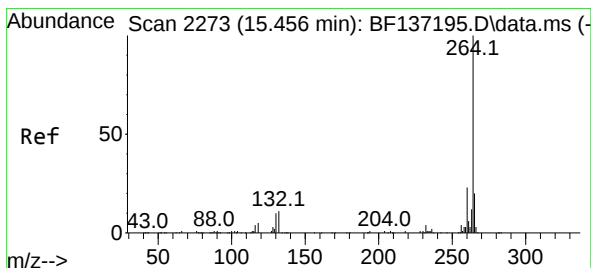
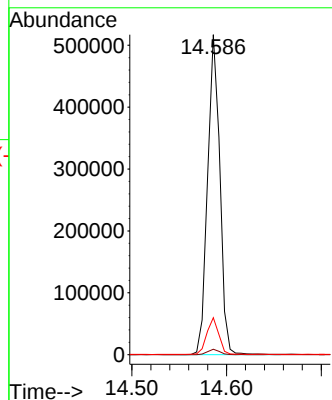
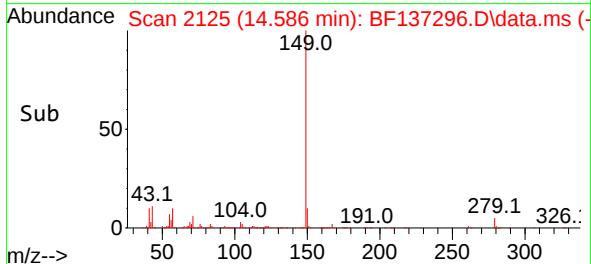


#85
Di-n-octyl phthalate
Concen: 73.020 ng
RT: 14.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

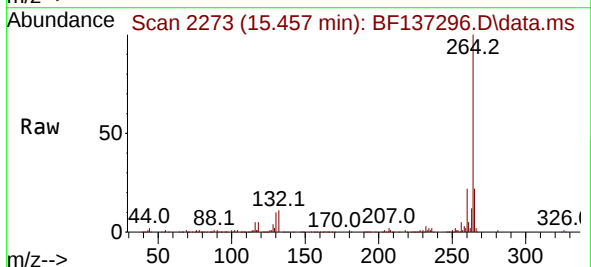
Instrument :
BNA_F
ClientSampleId :



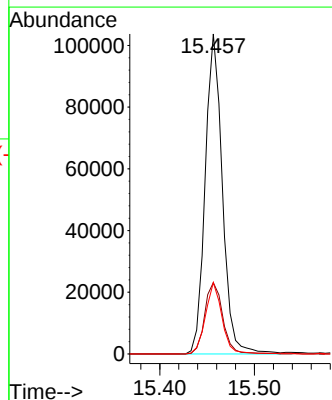
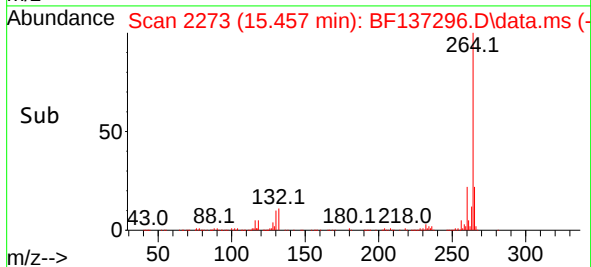
Tgt Ion:149 Resp: 462943
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.3 9.0 13.4

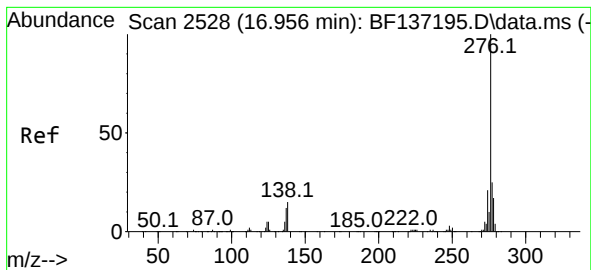


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23



Tgt Ion:264 Resp: 130233
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.4
265 22.3 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.243 ng

RT: 16.968 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

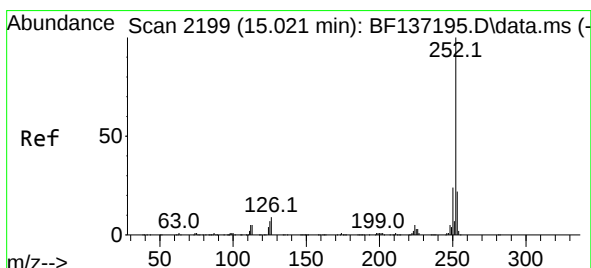
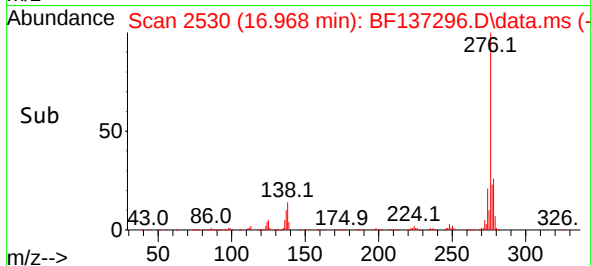
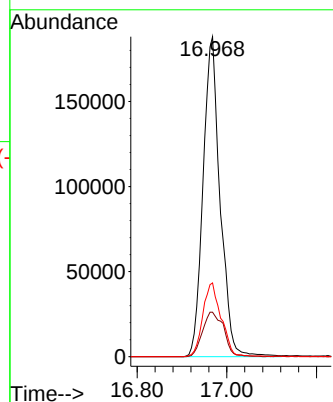
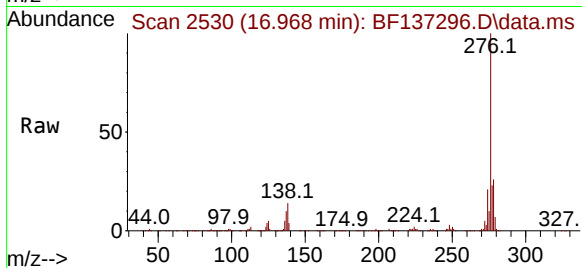
Tgt Ion:276 Resp: 496298

Ion Ratio Lower Upper

276 100

138 17.3 14.6 21.8

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.145 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

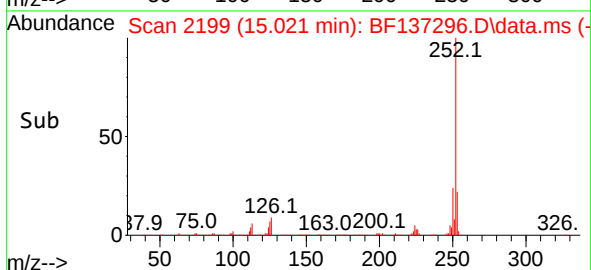
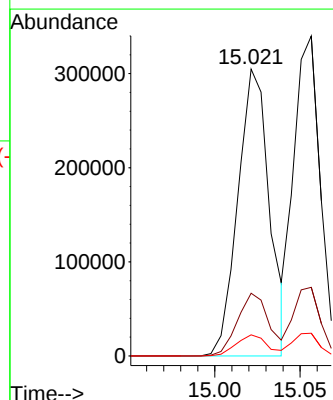
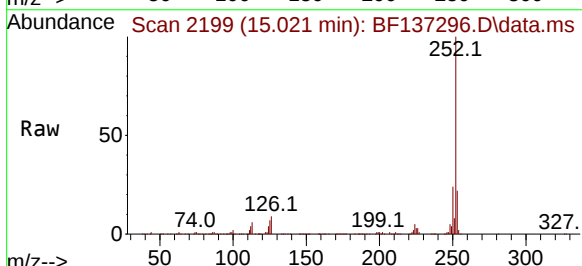
Tgt Ion:252 Resp: 393609

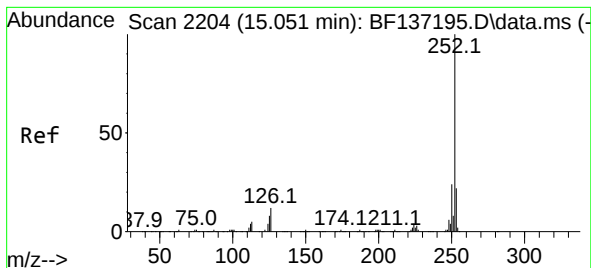
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 7.4 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 44.560 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

Instrument :

BNA_F

ClientSampleId :

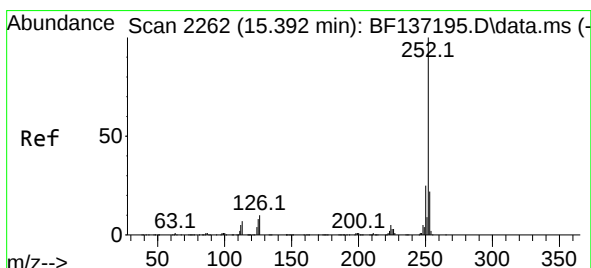
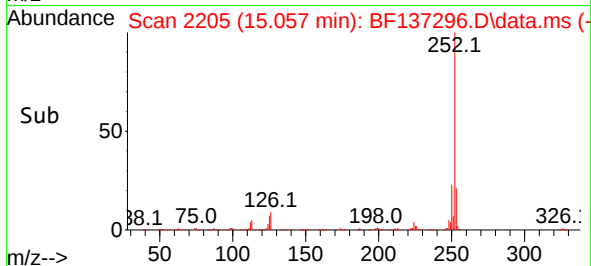
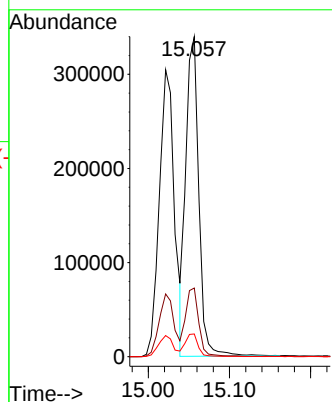
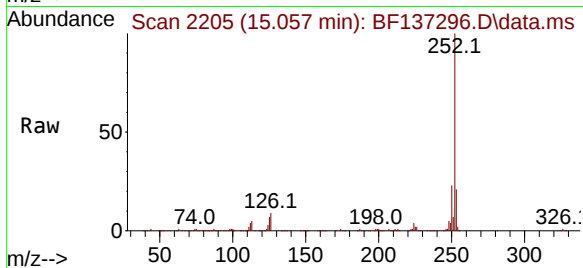
Tgt Ion:252 Resp: 377554

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 7.1 5.9 8.9



#90

Benzo(a)pyrene

Concen: 45.961 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF137296.D

Acq: 06 Feb 2024 17:23

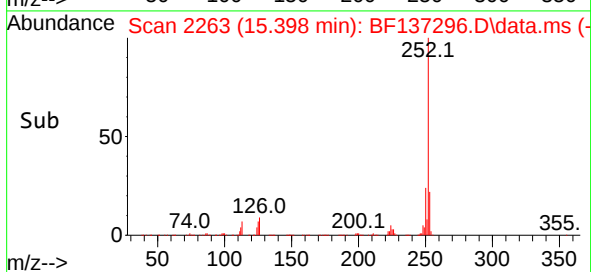
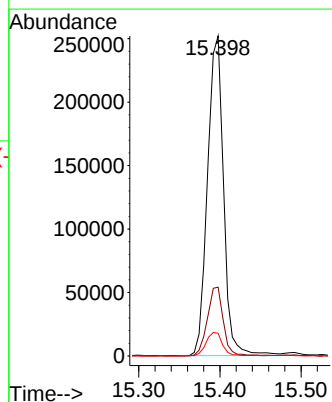
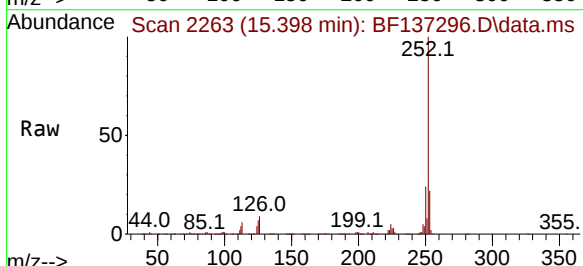
Tgt Ion:252 Resp: 346414

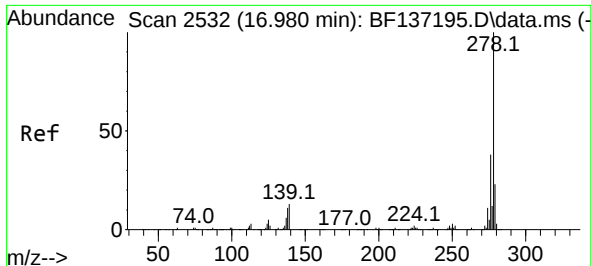
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

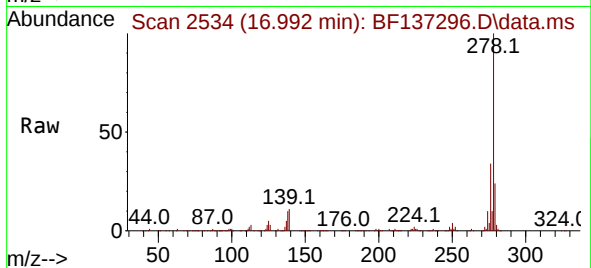
125 7.1 6.5 9.7





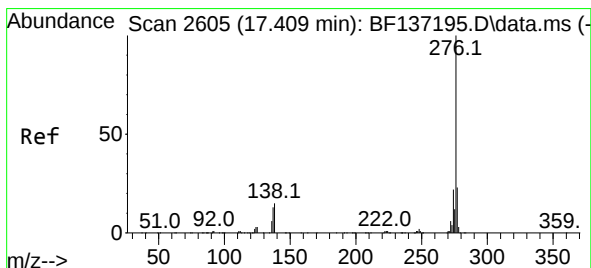
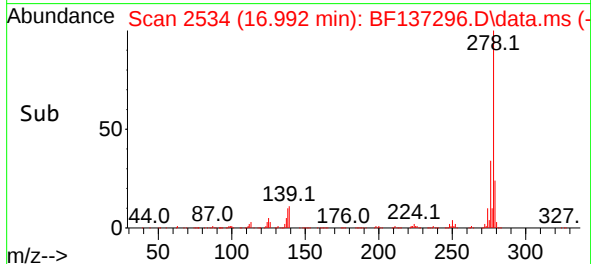
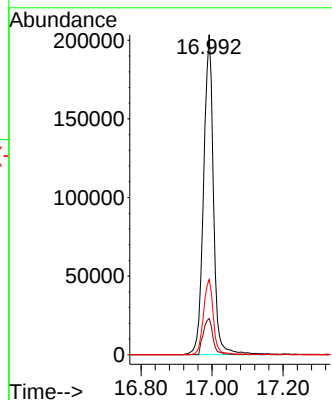
#91
Dibenzo(a,h)anthracene
Concen: 53.986 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 395789

Ion	Ratio	Lower	Upper
278	100		
139	11.3	10.0	15.0
279	23.5	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 55.697 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF137296.D
Acq: 06 Feb 2024 17:23

Tgt Ion:276 Resp: 400769

Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.4	27.6
138	13.7	11.8	17.8

