

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137515.D
 Acq On : 06 Mar 2024 13:25
 Operator : CG\JU
 Sample : P1672-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Mar 06 13:52:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	232238	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	887332	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	483918	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	783227	20.000	ng	0.00
76) Chrysene-d12	14.045	240	379036	20.000	ng	0.00
86) Perylene-d12	15.574	264	457012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1776386	115.847	ng	0.02
7) Phenol-d6	6.504	99	2258241	102.026	ng	0.00
23) Nitrobenzene-d5	7.422	82	1617191	84.682	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	544198	128.058	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2518590	81.470	ng	0.00
79) Terphenyl-d14	12.986	244	2385107	86.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.898	88	325387	38.809	ng	99
3) Pyridine	3.616	79	631109	31.211	ng	99
4) n-Nitrosodimethylamine	3.569	42	386277	47.224	ng	99
6) Aniline	6.528	93	339595	12.556	ng	# 78
8) 2-Chlorophenol	6.645	128	734771	45.431	ng	95
9) Benzaldehyde	6.416	77	222609	20.529	ng	98
10) Phenol	6.516	94	888906	37.312	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	788848	45.186	ng	98
12) 1,3-Dichlorobenzene	6.798	146	725003	41.950	ng	98
13) 1,4-Dichlorobenzene	6.875	146	740342	41.868	ng	100
14) 1,2-Dichlorobenzene	7.022	146	696933	42.941	ng	98
15) Benzyl Alcohol	7.004	79	696924	50.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1203624	40.109	ng	95
17) 2-Methylphenol	7.116	107	594086	39.255	ng	95
18) Hexachloroethane	7.357	117	250846	43.083	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	561539	41.084	ng	99
20) 3+4-Methylphenols	7.269	107	692470	39.952	ng	96
22) Acetophenone	7.263	105	966979	45.040	ng	# 96
24) Nitrobenzene	7.439	77	860828	44.872	ng	96
25) Isophorone	7.675	82	1622577	44.722	ng	99
26) 2-Nitrophenol	7.751	139	378666	49.718	ng	96
27) 2,4-Dimethylphenol	7.792	122	526555	37.000	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	962605	45.219	ng	99
29) 2,4-Dichlorophenol	7.992	162	620495	47.507	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	624572	45.440	ng	99
31) Naphthalene	8.151	128	2027265	42.582	ng	100
32) Benzoic acid	7.916	122	274107	35.356	ng	98
33) 4-Chloroaniline	8.204	127	78251	4.192	ng	97
34) Hexachlorobutadiene	8.269	225	352914	43.491	ng	100
35) Caprolactam	8.580	113	101374	22.889	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	672970	46.095	ng	98
37) 2-Methylnaphthalene	8.845	142	1289868	42.500	ng	99
38) 1-Methylnaphthalene	8.945	142	1200149	41.990	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	618839	45.807	ng	99
41) Hexachlorocyclopentadiene	8.992	237	475173	85.550	ng	100
43) 2,4,6-Trichlorophenol	9.127	196	426538	48.483	ng	99

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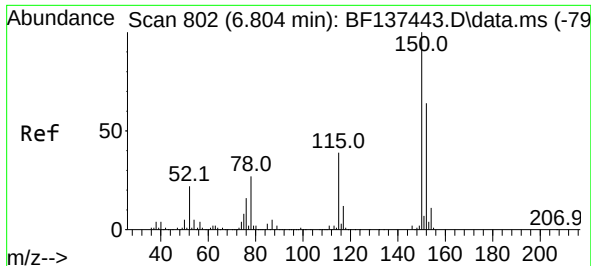
Quant Time: Mar 06 13:52:42 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	449444	44.348	ng	97
46) 1,1'-Biphenyl	9.310	154	1585506	44.765	ng	99
47) 2-Chloronaphthalene	9.333	162	1245374	46.119	ng	99
48) 2-Nitroaniline	9.439	65	450436	49.076	ng	99
49) Acenaphthylene	9.751	152	1994276	46.148	ng	99
50) Dimethylphthalate	9.622	163	1514969	44.973	ng	100
51) 2,6-Dinitrotoluene	9.680	165	332196	47.148	ng	99
52) Acenaphthene	9.922	154	1109354	42.999	ng	99
53) 3-Nitroaniline	9.851	138	167903	22.529	ng	97
54) 2,4-Dinitrophenol	9.957	184	238790	70.566	ng	94
55) Dibenzofuran	10.098	168	1688314	42.965	ng	100
56) 4-Nitrophenol	10.022	139	425960	80.317	ng	95
57) 2,4-Dinitrotoluene	10.086	165	412196	47.618	ng	92
58) Fluorene	10.445	166	1258764	41.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	368350	45.325	ng	99
60) Diethylphthalate	10.322	149	1418460	44.590	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	613886	41.507	ng	99
62) 4-Nitroaniline	10.474	138	270756	42.270	ng	97
63) Azobenzene	10.598	77	1607169	43.876	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	199818	45.774	ng	89
66) n-Nitrosodiphenylamine	10.563	169	1166106	46.236	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	403666	47.319	ng	97
68) Hexachlorobenzene	10.992	284	425232	49.353	ng	92
69) Atrazine	11.092	200	361919	47.204	ng	96
70) Pentachlorophenol	11.192	266	425661	81.722	ng	99
71) Phenanthrene	11.410	178	1890258	44.346	ng	99
72) Anthracene	11.463	178	1935662	44.215	ng	100
73) Carbazole	11.621	167	1681006	44.828	ng	100
74) Di-n-butylphthalate	11.957	149	2067265	46.335	ng	99
75) Fluoranthene	12.604	202	1719396	41.267	ng	100
77) Benzidine	12.745	184	61963	6.680	ng	# 94
78) Pyrene	12.833	202	1708306	45.932	ng	99
80) Butylbenzylphthalate	13.468	149	599083	63.073	ng	100
81) Benzo(a)anthracene	14.033	228	1233753	46.441	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	262876	37.158	ng	97
83) Chrysene	14.074	228	1268980	47.261	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	786376	65.137	ng	# 98
85) Di-n-octyl phthalate	14.662	149	1416462	59.374	ng	98
87) Indeno(1,2,3-cd)pyrene	17.156	276	1345342	44.734	ng	98
88) Benzo(b)fluoranthene	15.121	252	1274773	47.154	ng	98
89) Benzo(k)fluoranthene	15.151	252	1265012	43.565	ng	99
90) Benzo(a)pyrene	15.509	252	1223287	45.918	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1077063	44.148	ng	98
92) Benzo(g,h,i)perylene	17.645	276	984282	39.285	ng	99

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

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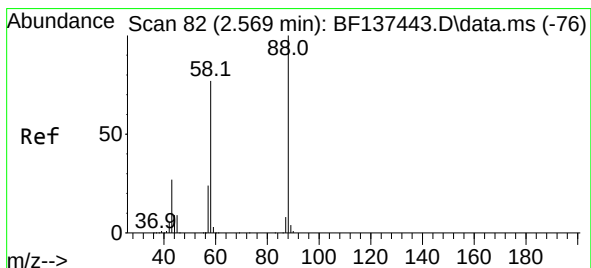
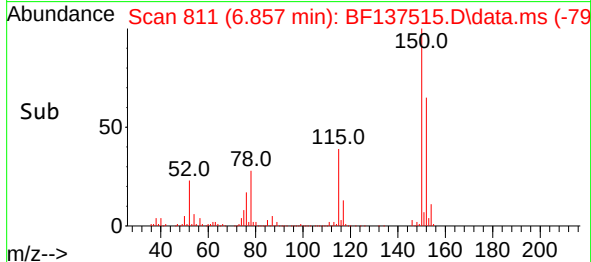
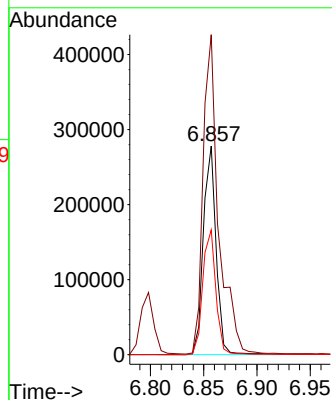
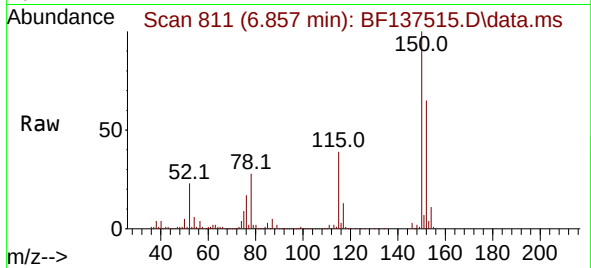




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

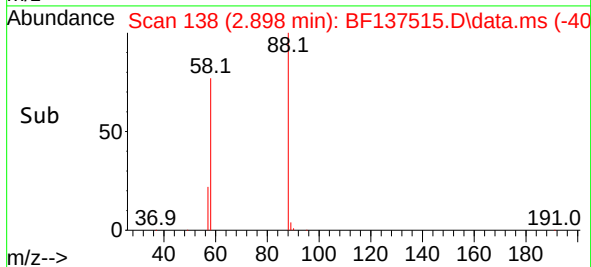
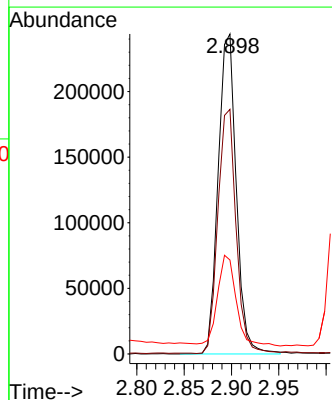
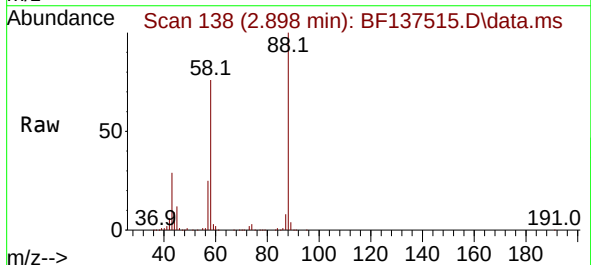
Instrument :
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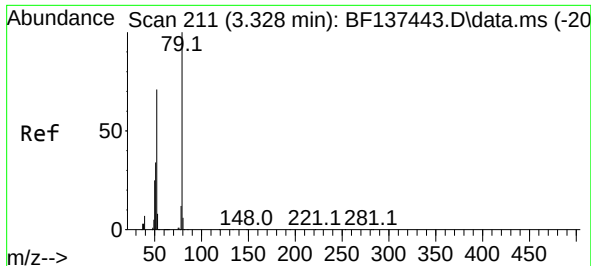
Tgt Ion:152 Resp: 232238
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.8 188.6
 115 59.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 38.809 ng
 RT: 2.898 min Scan# 138
 Delta R.T. 0.224 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

Tgt Ion: 88 Resp: 325387
 Ion Ratio Lower Upper
 88 100
 58 76.6 61.8 92.8
 43 29.2 22.2 33.4

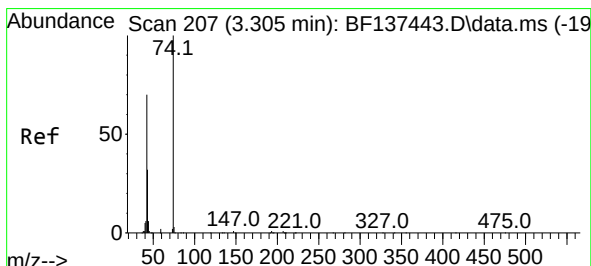
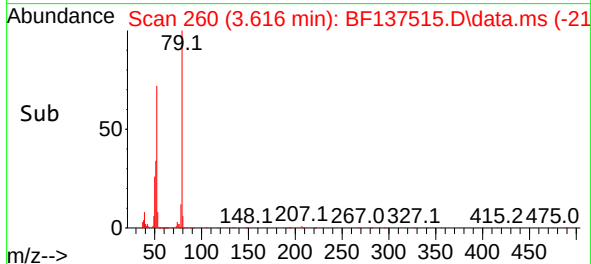
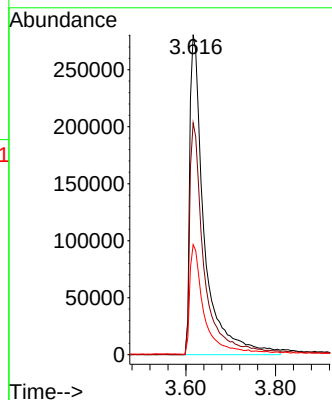
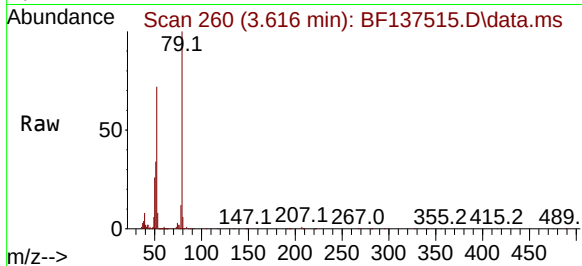




#3
Pyridine
Concen: 31.211 ng
RT: 3.616 min Scan# 211
Delta R.T. 0.153 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

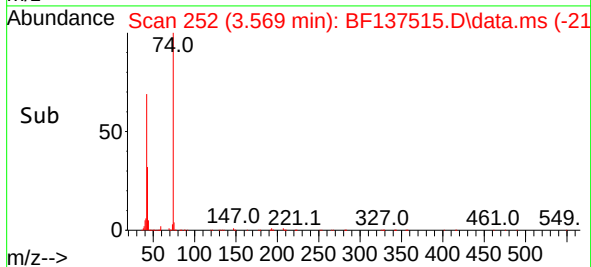
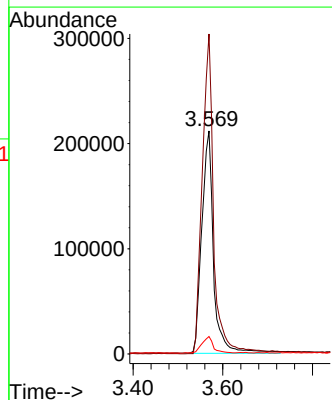
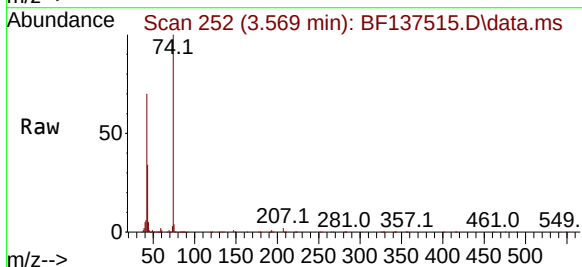
Instrument :
BNA_F
ClientSampleId :
TP-1MS

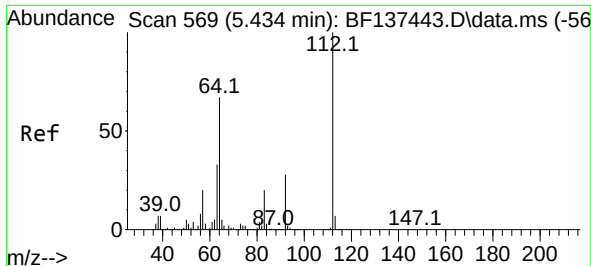
Tgt Ion: 79 Resp: 631109
Ion Ratio Lower Upper
79 100
52 72.5 57.0 85.4
51 34.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 47.224 ng
RT: 3.569 min Scan# 252
Delta R.T. 0.123 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion: 42 Resp: 386277
Ion Ratio Lower Upper
42 100
74 143.5 114.0 171.0
44 7.8 7.0 10.4

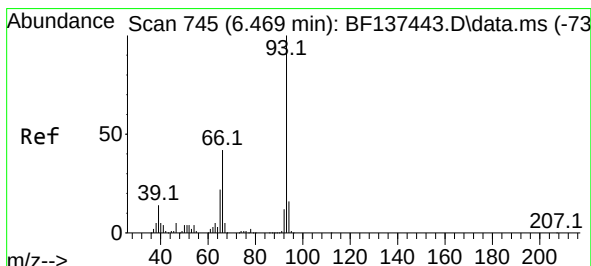
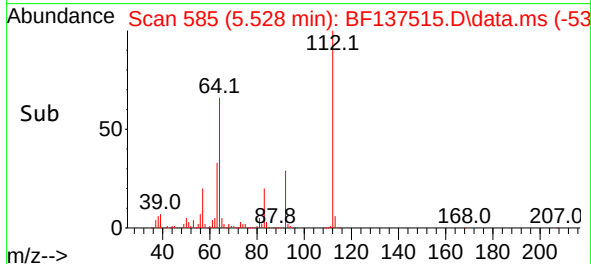
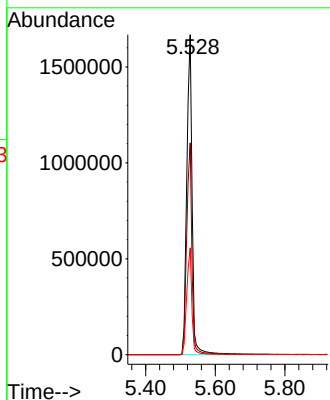
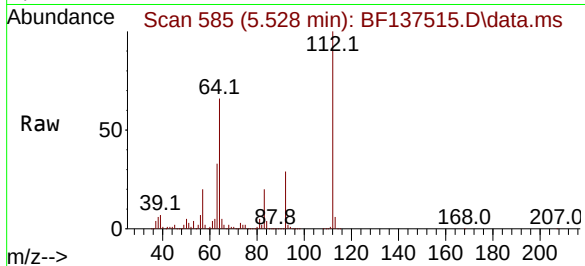




#5
2-Fluorophenol
Concen: 115.847 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

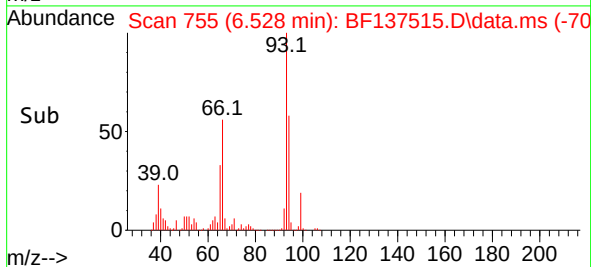
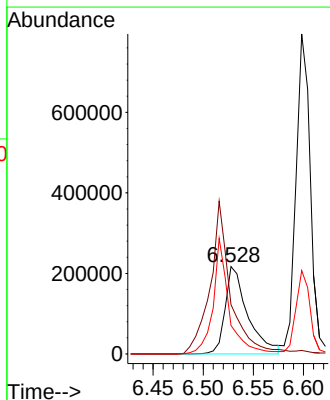
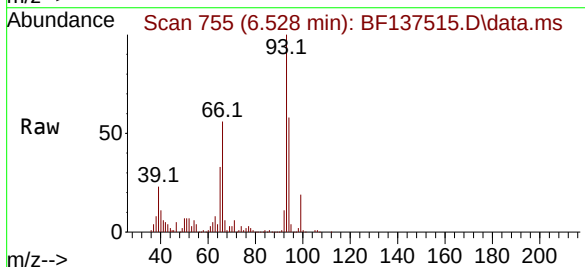
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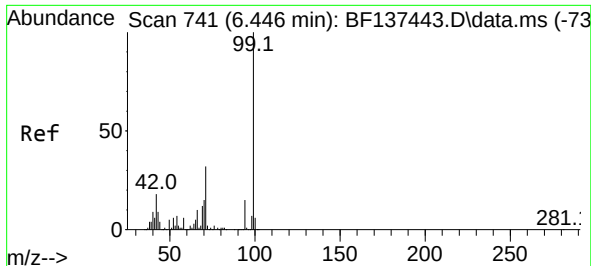
Tgt Ion:112 Resp: 1776386
Ion Ratio Lower Upper
112 100
64 66.2 53.4 80.2
63 33.4 26.2 39.2



#6
Aniline
Concen: 12.556 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion: 93 Resp: 339595
Ion Ratio Lower Upper
93 100
66 56.4 34.0 51.0#
65 32.6 17.8 26.8#

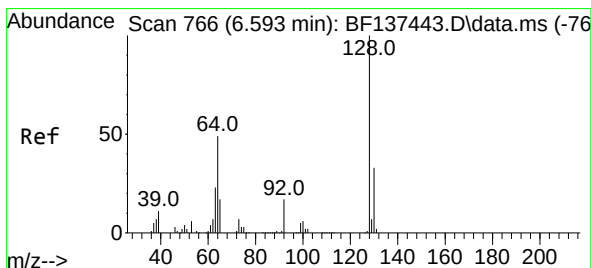
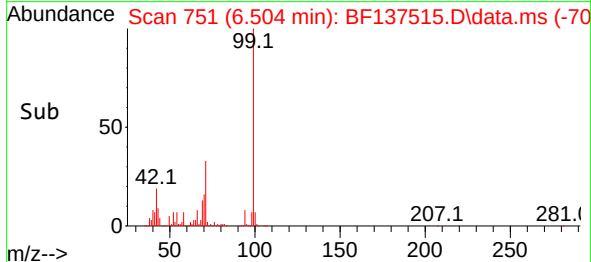
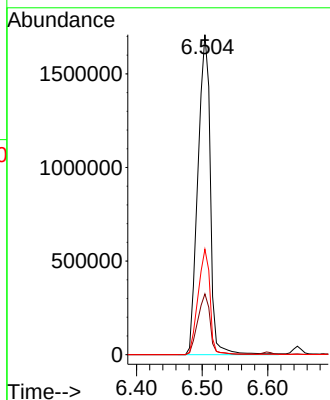
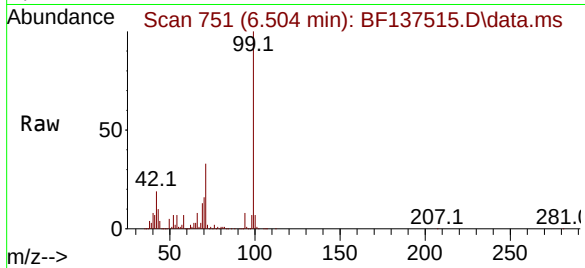




#7
Phenol-d6
Concen: 102.026 ng
RT: 6.504 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

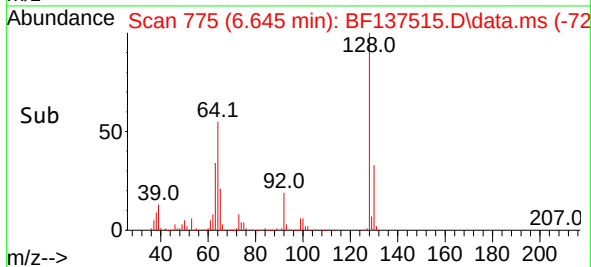
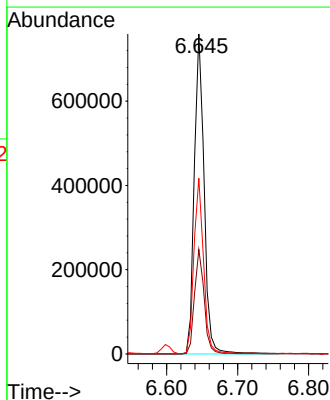
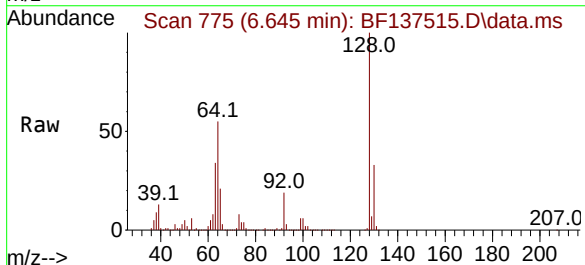
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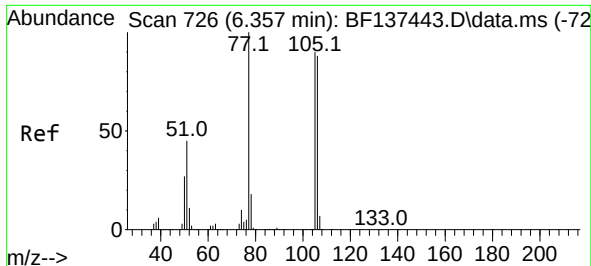
Tgt Ion: 99 Resp: 2258241
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 32.9 25.3 37.9



#8
2-Chlorophenol
Concen: 45.431 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion: 128 Resp: 734771
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 54.9 30.0 70.0





#9

Benzaldehyde

Concen: 20.529 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

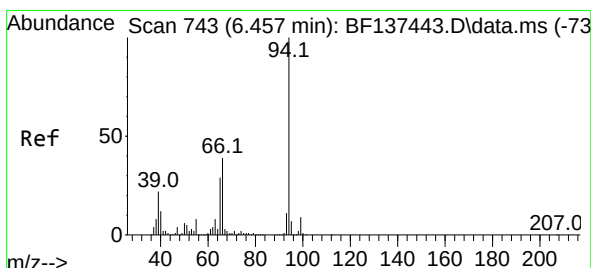
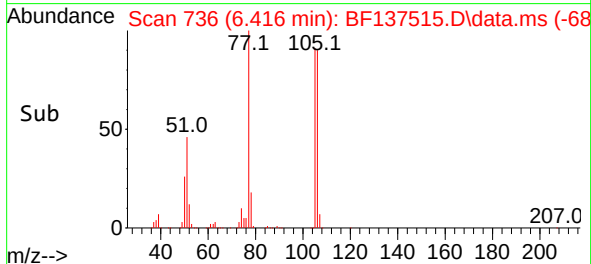
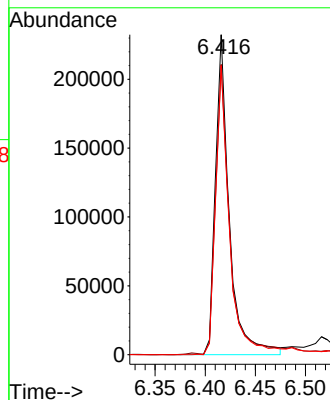
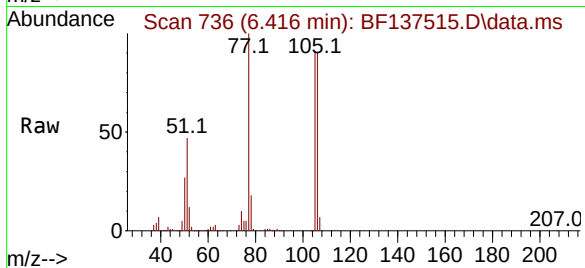
Tgt Ion: 77 Resp: 222609

Ion Ratio Lower Upper

77 100

105 90.7 69.8 109.8

106 90.4 67.8 107.8



#10

Phenol

Concen: 37.312 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

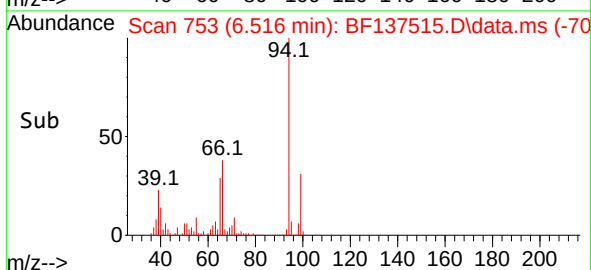
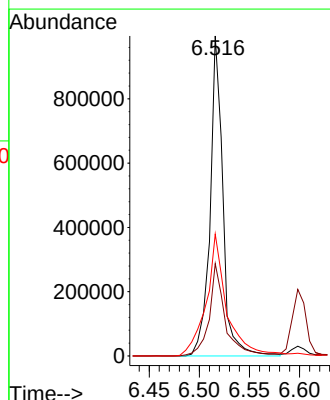
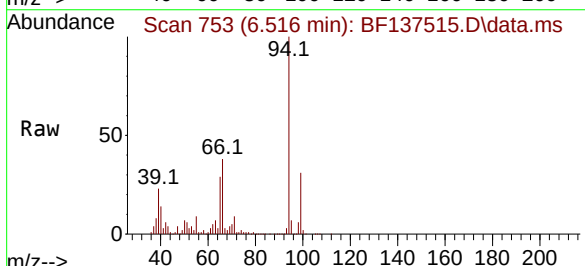
Tgt Ion: 94 Resp: 888906

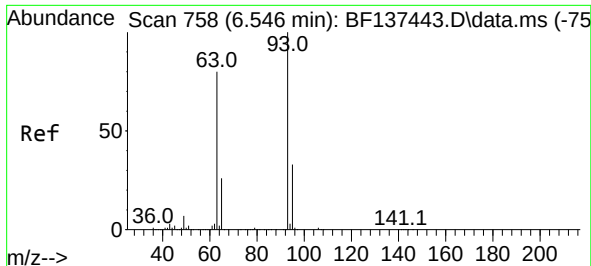
Ion Ratio Lower Upper

94 100

65 28.9 8.7 48.7

66 38.1 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 45.186 ng

RT: 6.598 min Scan# 701

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

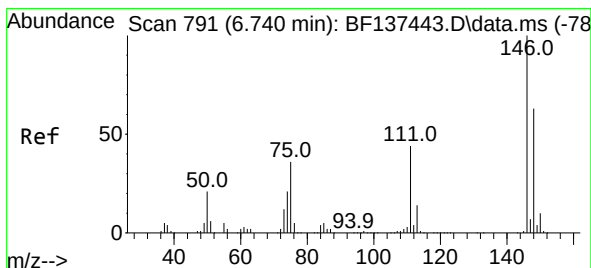
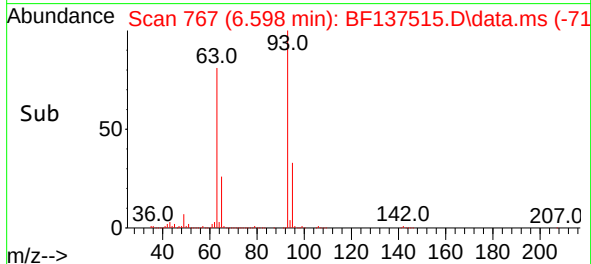
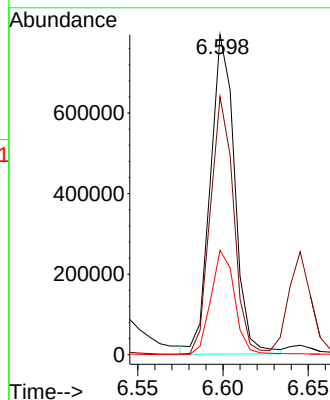
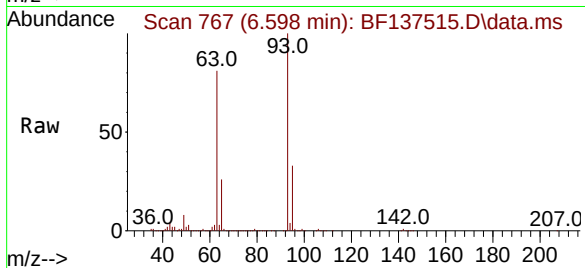
Tgt Ion: 93 Resp: 788848

Ion Ratio Lower Upper

93 100

63 80.6 58.9 98.9

95 32.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 41.950 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

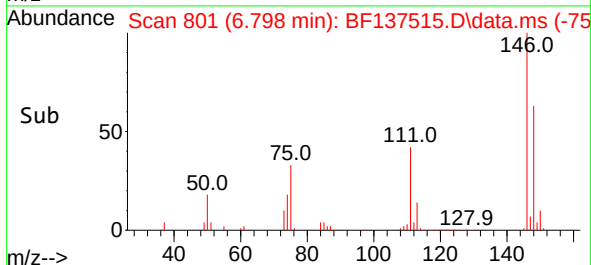
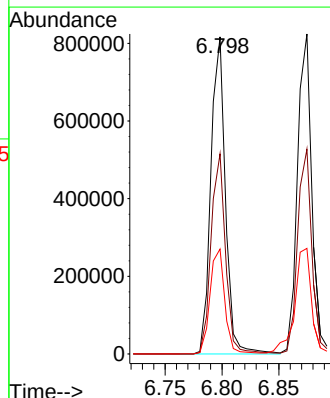
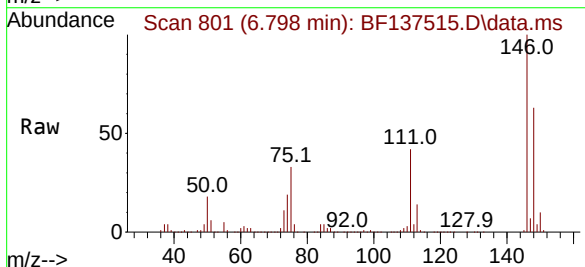
Tgt Ion: 146 Resp: 725003

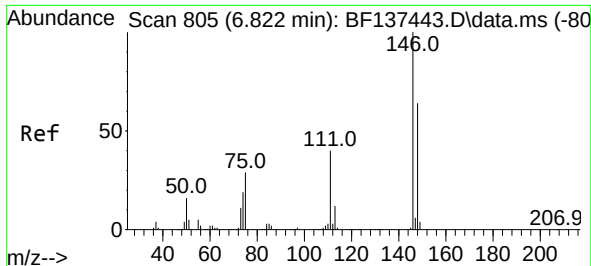
Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

75 33.1 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 41.868 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

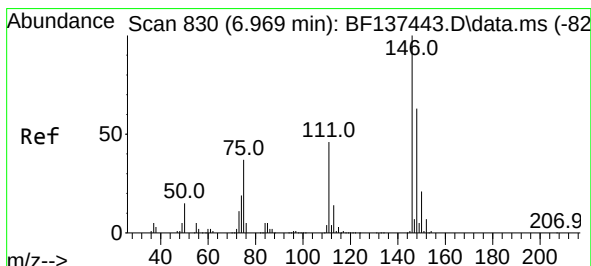
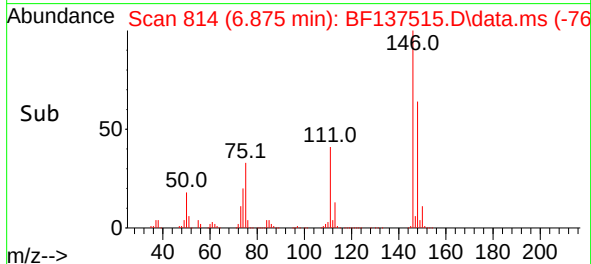
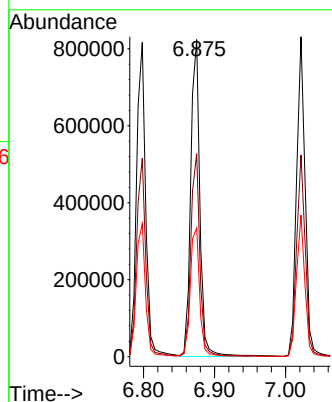
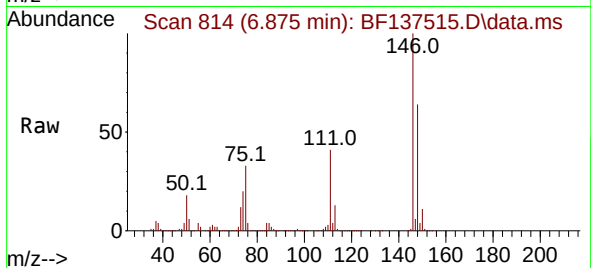
Tgt Ion:146 Resp: 740342

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 40.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 42.941 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

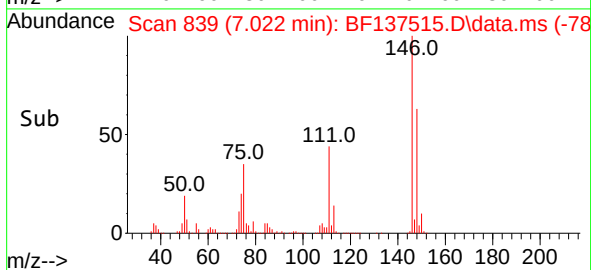
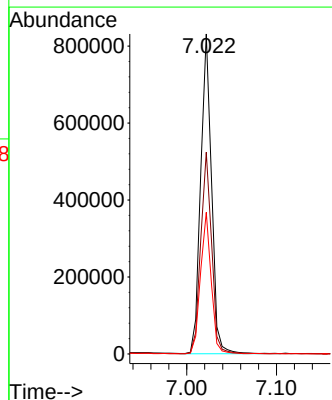
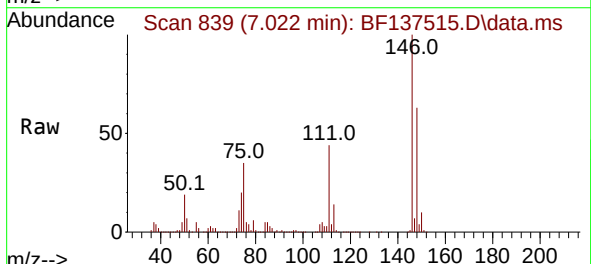
Tgt Ion:146 Resp: 696933

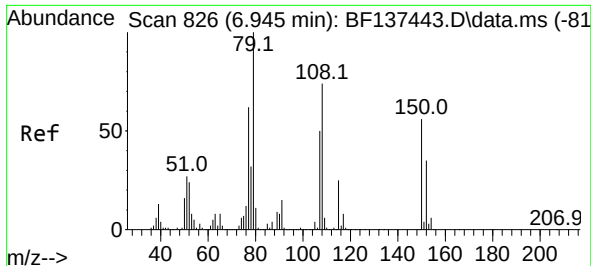
Ion Ratio Lower Upper

146 100

148 63.1 50.0 75.0

111 44.2 36.8 55.2

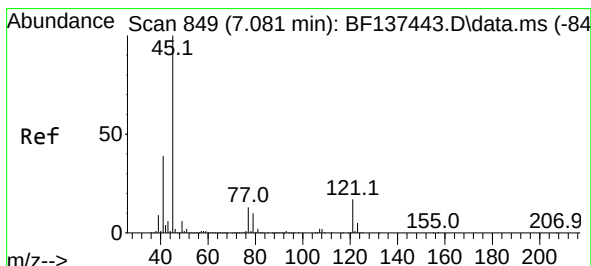
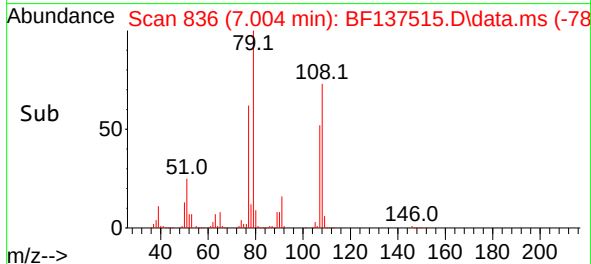
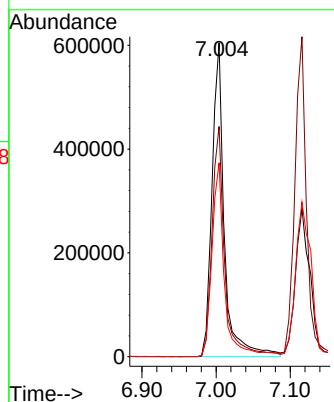
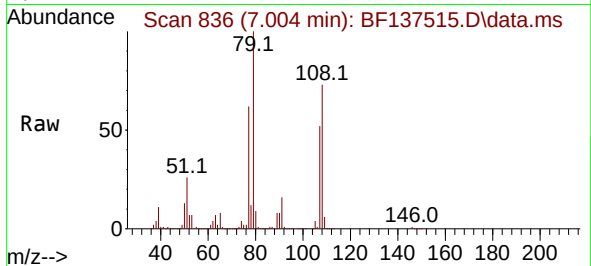




#15
Benzyl Alcohol
Concen: 50.576 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

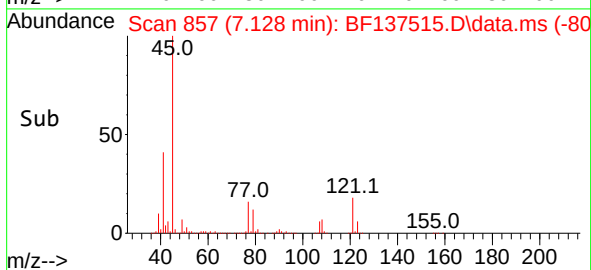
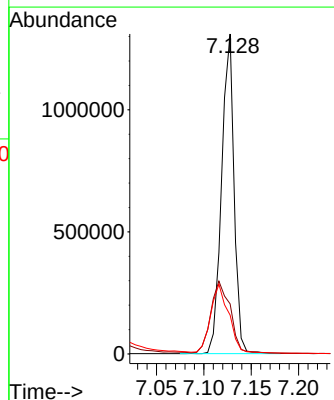
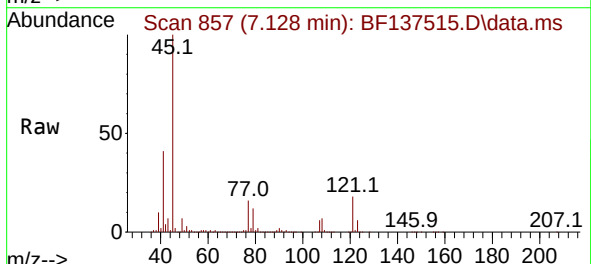
Instrument :
BNA_F
ClientSampleId :
TP-1MS

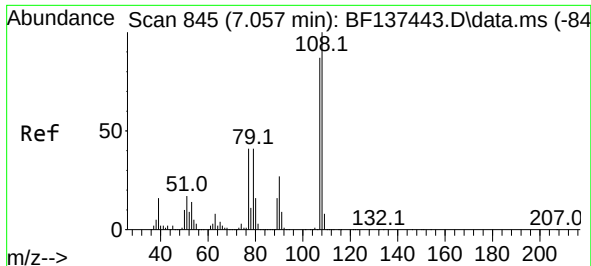
Tgt Ion: 79 Resp: 696924
Ion Ratio Lower Upper
79 100
108 73.4 59.5 89.3
77 61.8 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.109 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion: 45 Resp: 1203624
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.4
79 12.2 0.0 30.9

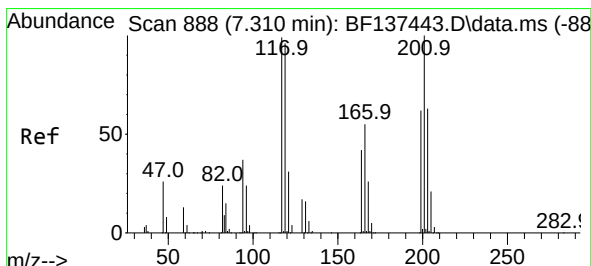
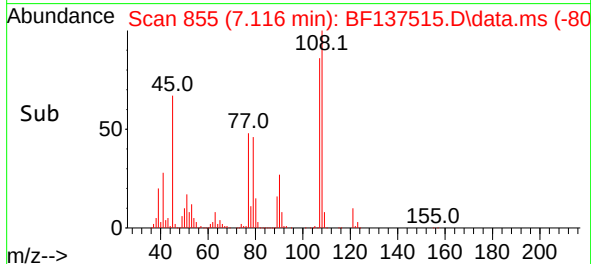
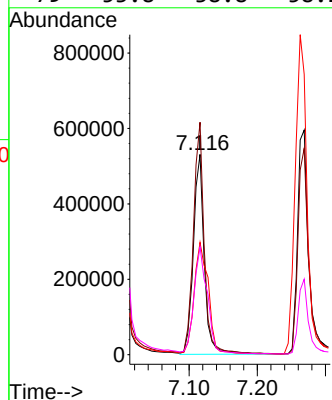
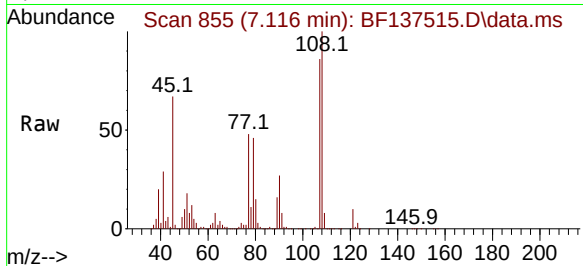




#17
2-Methylphenol
Concen: 39.255 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

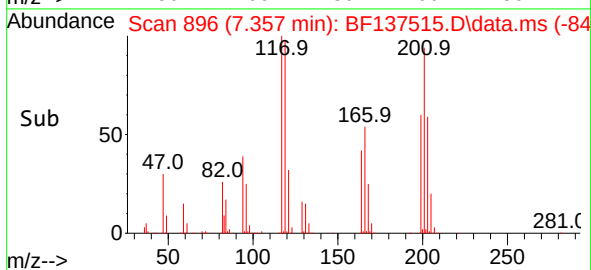
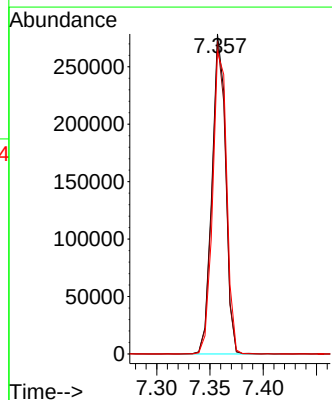
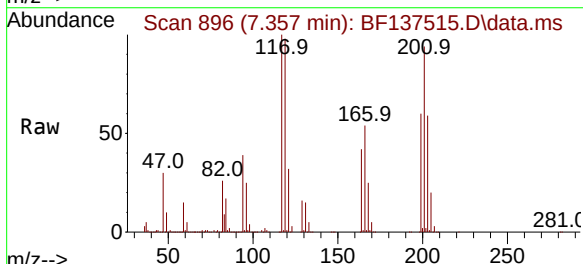
Instrument :
BNA_F
ClientSampleId :
TP-1MS

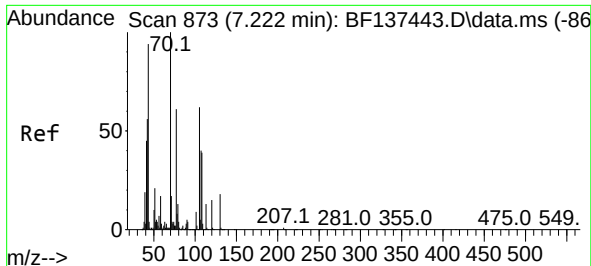
Tgt Ion:	107	Resp:	594086
Ion	Ratio	Lower	Upper
107	100		
108	116.1	92.2	138.4
77	56.1	38.6	57.8
79	53.8	38.8	58.2



#18
Hexachloroethane
Concen: 43.083 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:	117	Resp:	250846
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.5	116.3
201	94.4	80.6	121.0



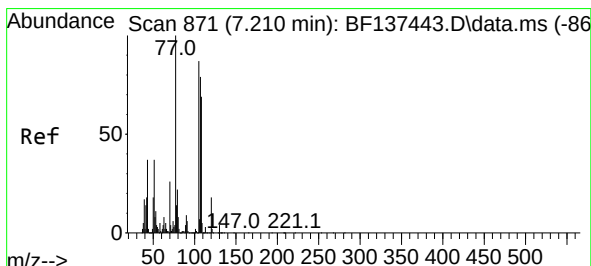
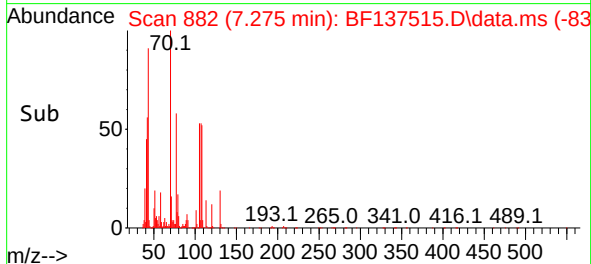
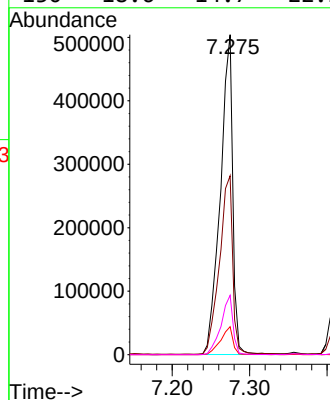
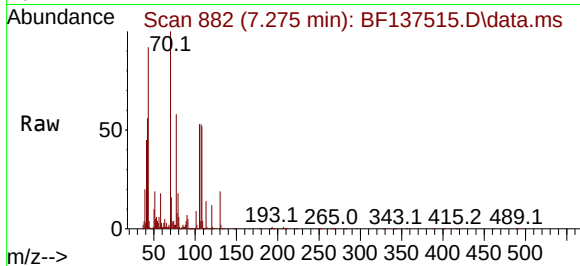


#19
n-Nitroso-di-n-propylamine
Concen: 41.084 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 70 Resp: 561539

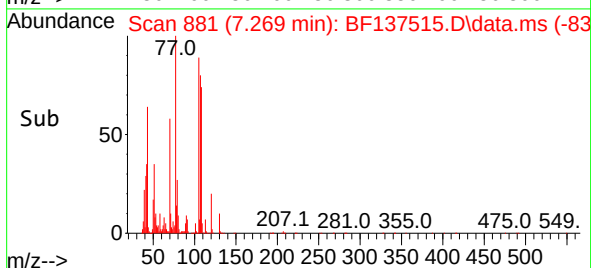
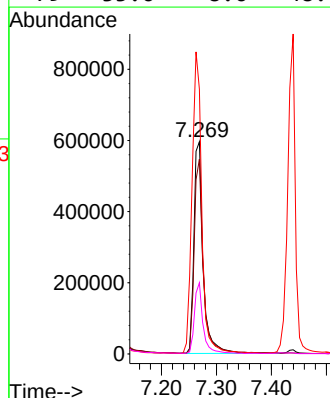
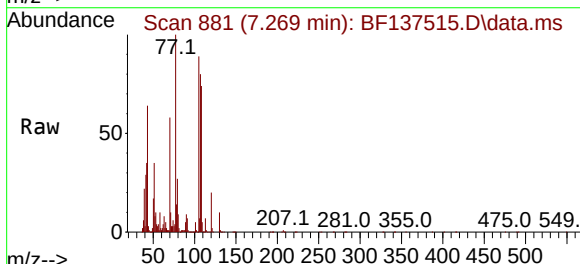
Ion	Ratio	Lower	Upper
70	100		
42	55.9	45.2	67.8
101	8.7	7.3	10.9
130	18.6	14.7	22.1

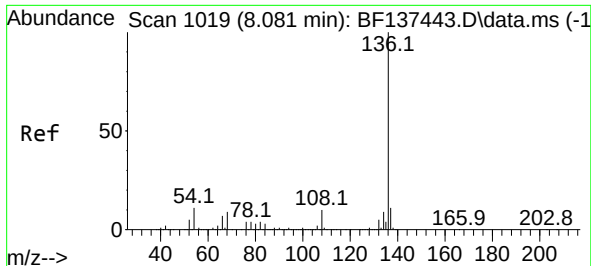


#20
3+4-Methylphenols
Concen: 39.952 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion: 107 Resp: 692470

Ion	Ratio	Lower	Upper
107	100		
108	91.9	67.6	107.6
77	124.8	107.1	147.1
79	33.6	8.6	48.6

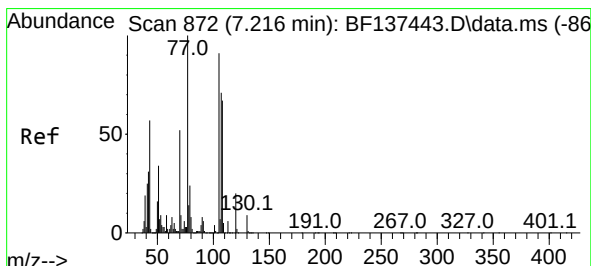
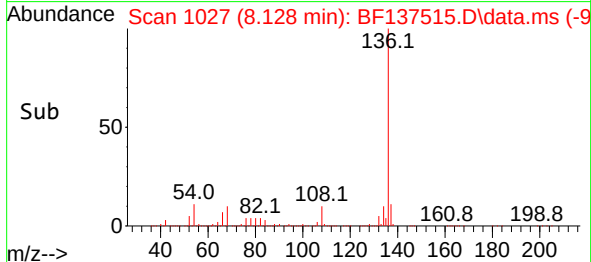
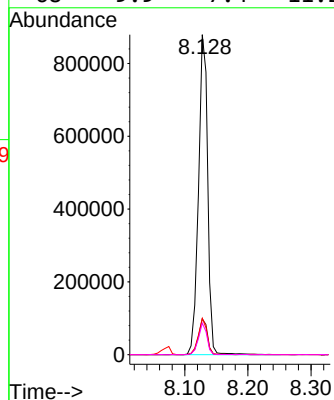
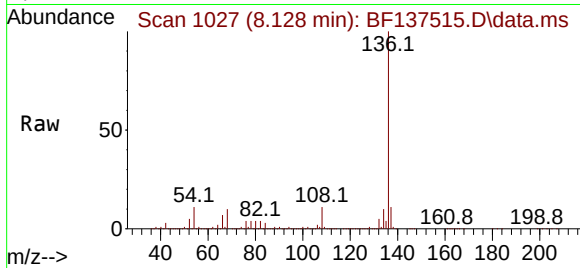




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

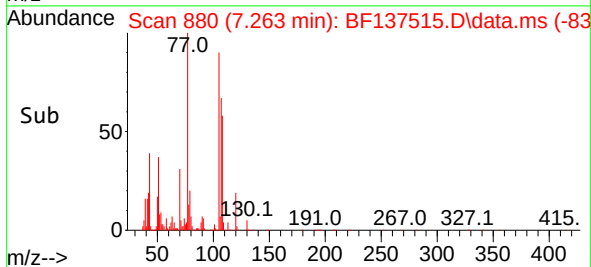
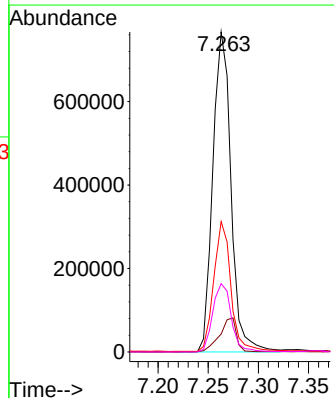
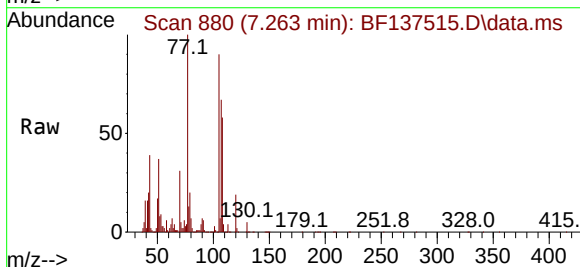
Instrument :
BNA_F
ClientSampleId :
TP-1MS

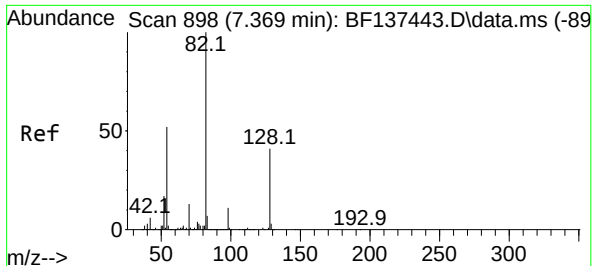
Tgt Ion:136 Resp: 887332
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.3 8.5 12.7
68 9.9 7.4 11.2



#22
Acetophenone
Concen: 45.040 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:105 Resp: 966979
Ion Ratio Lower Upper
105 100
71 5.6 7.7 11.5#
51 40.7 30.4 45.6
120 21.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.682 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

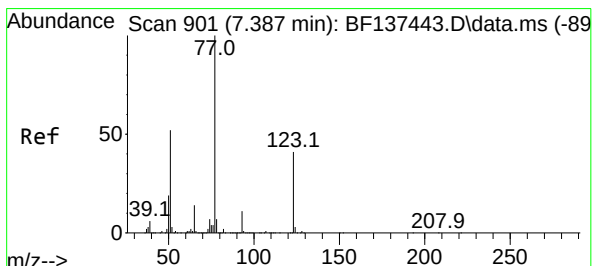
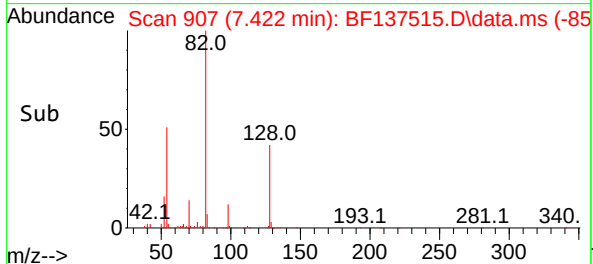
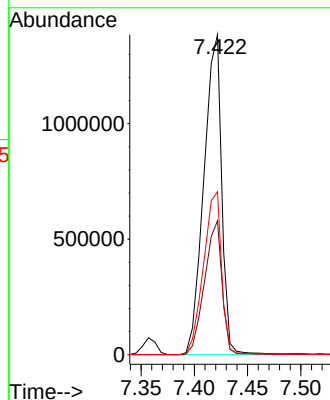
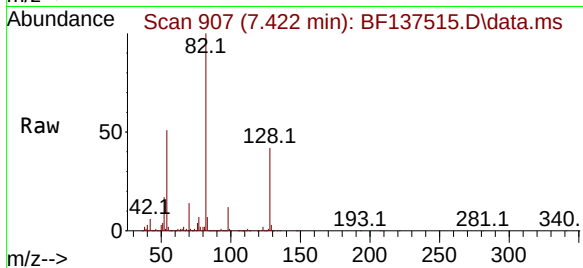
Tgt Ion: 82 Resp: 1617191

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 50.9 41.5 62.3



#24

Nitrobenzene

Concen: 44.872 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

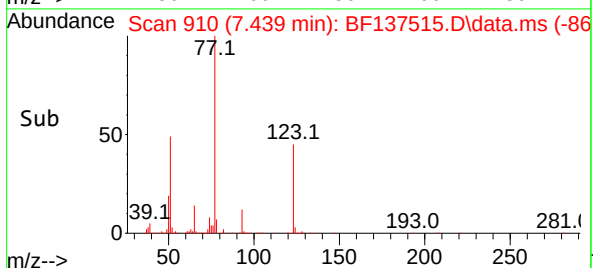
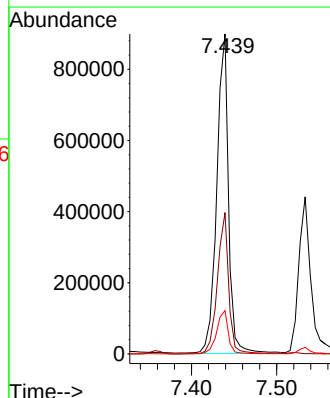
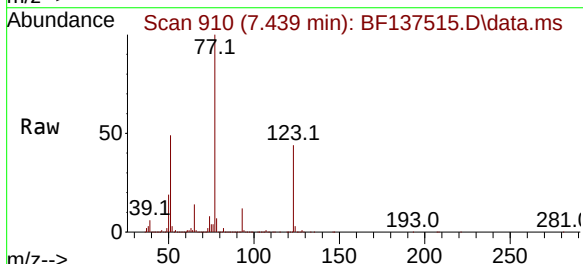
Tgt Ion: 77 Resp: 860828

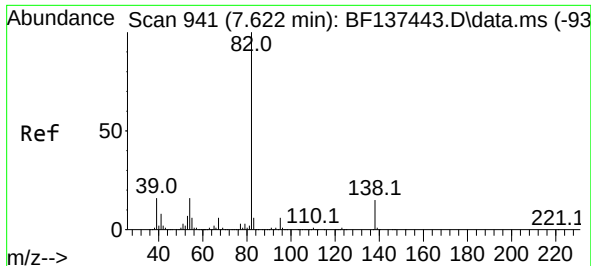
Ion Ratio Lower Upper

77 100

123 44.2 33.0 49.6

65 13.6 10.9 16.3

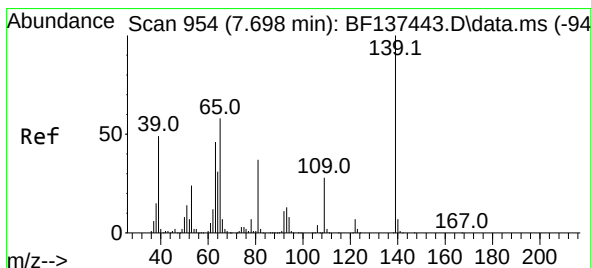
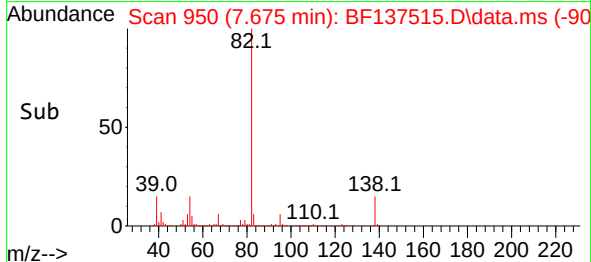
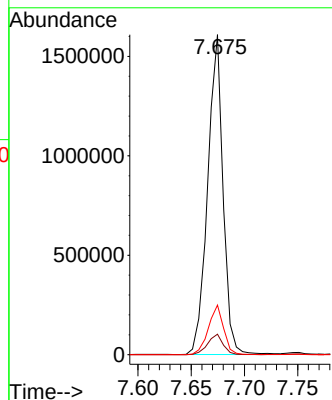
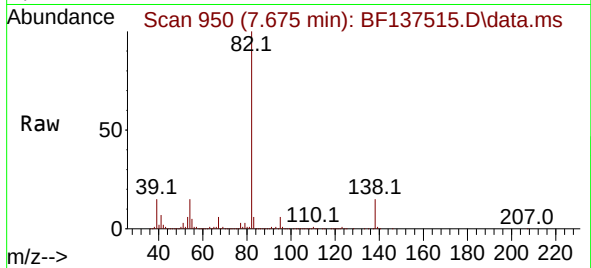




#25
Isophorone
Concen: 44.722 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

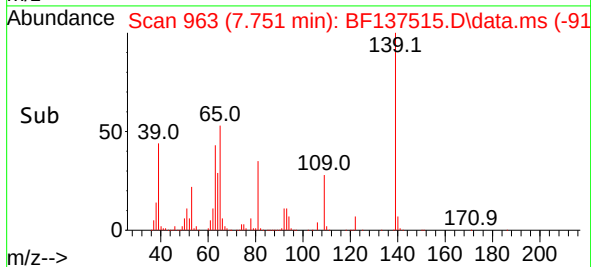
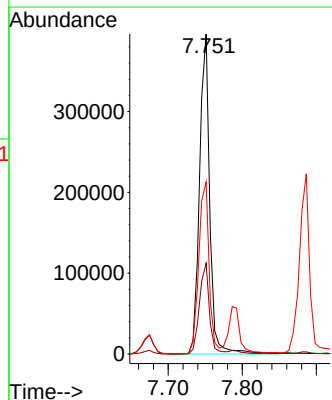
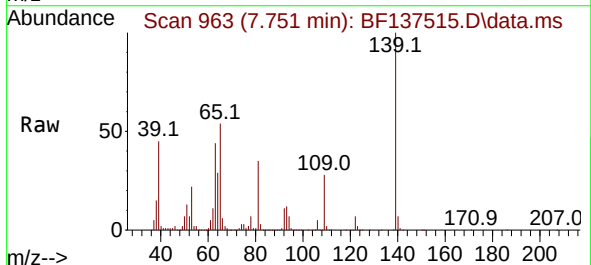
Instrument :
BNA_F
ClientSampleId :
TP-1MS

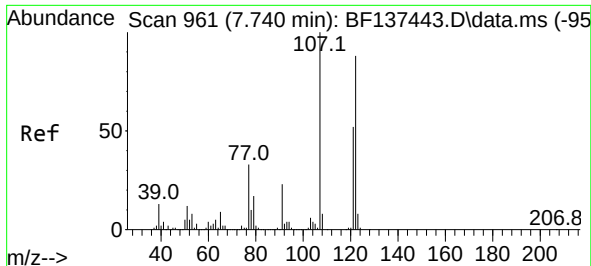
Tgt Ion: 82 Resp: 1622577
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.5 11.8 17.8



#26
2-Nitrophenol
Concen: 49.718 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:139 Resp: 378666
Ion Ratio Lower Upper
139 100
109 28.3 22.2 33.4
65 53.8 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 37.000 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

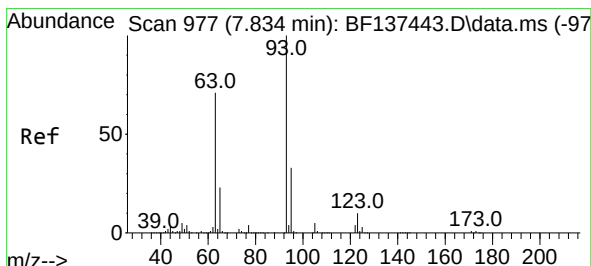
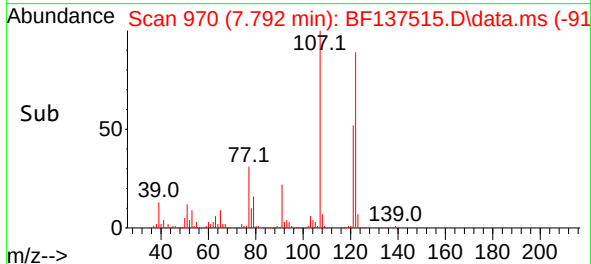
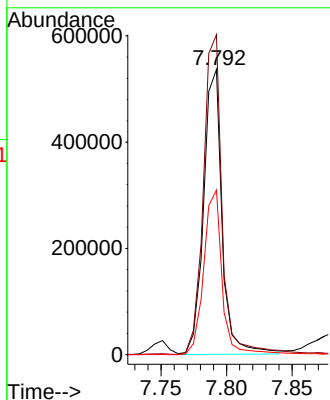
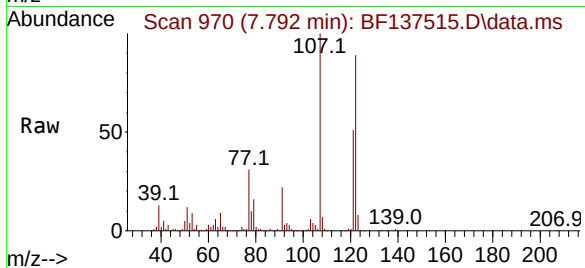
Tgt Ion:122 Resp: 526555

Ion Ratio Lower Upper

122 100

107 112.2 90.9 136.3

121 57.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.219 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

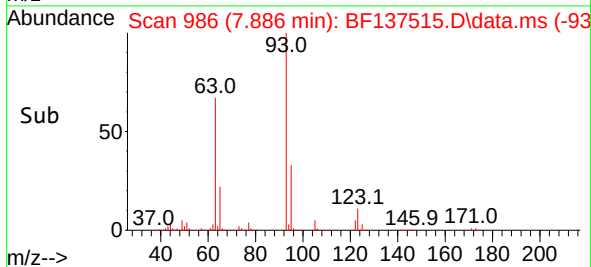
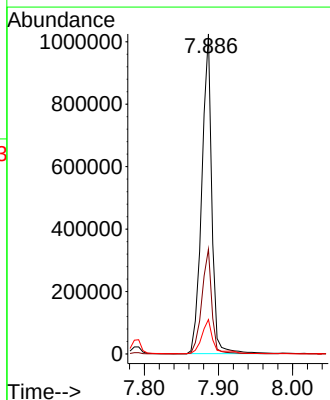
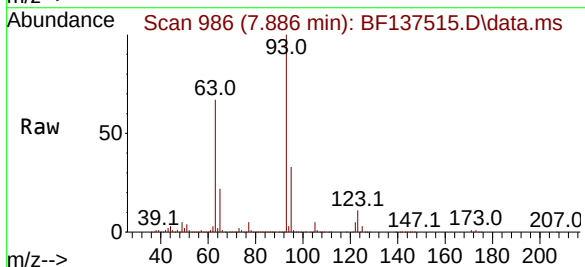
Tgt Ion: 93 Resp: 962605

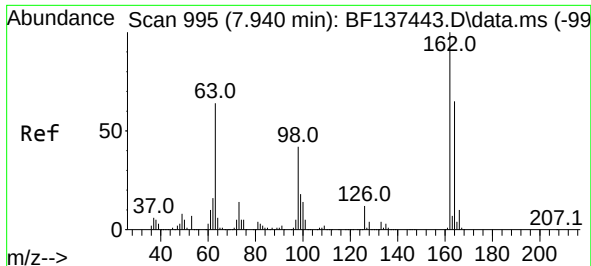
Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.507 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

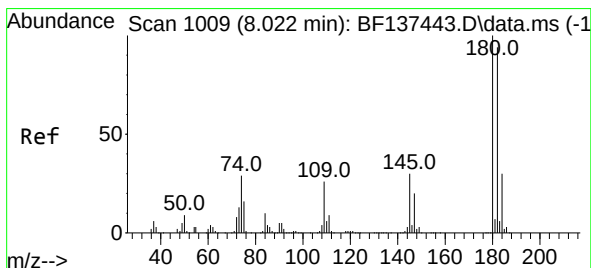
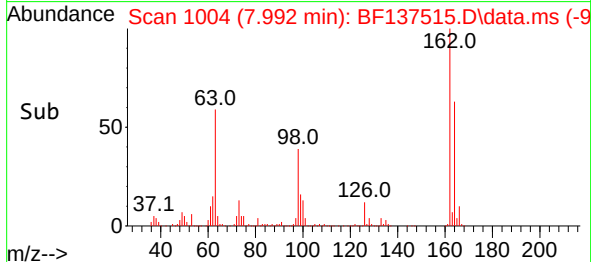
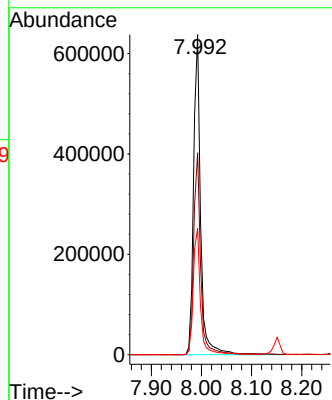
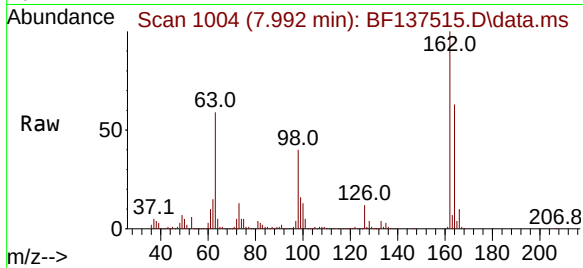
Tgt Ion:162 Resp: 620495

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 39.5 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 45.440 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

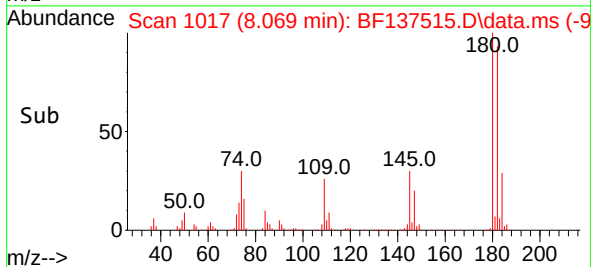
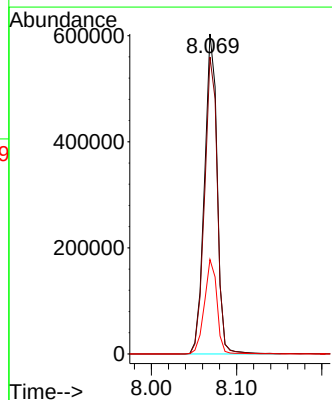
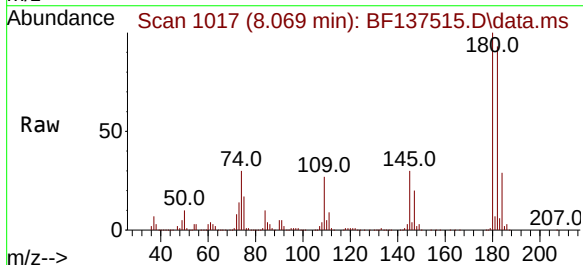
Tgt Ion:180 Resp: 624572

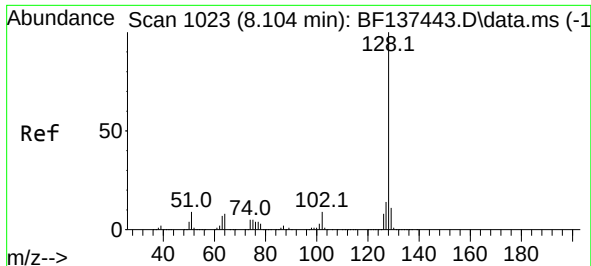
Ion Ratio Lower Upper

180 100

182 92.8 75.0 112.6

145 29.5 23.7 35.5

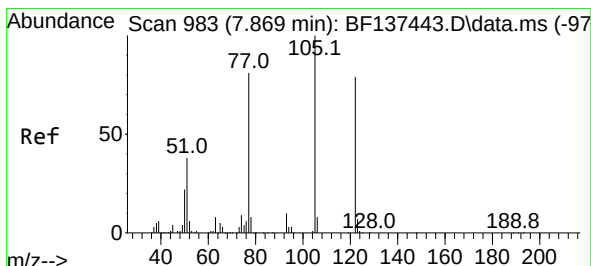
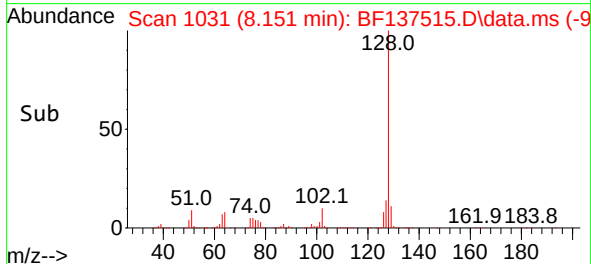
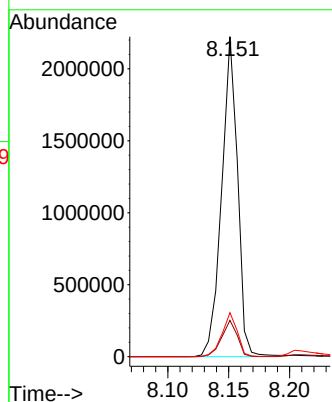
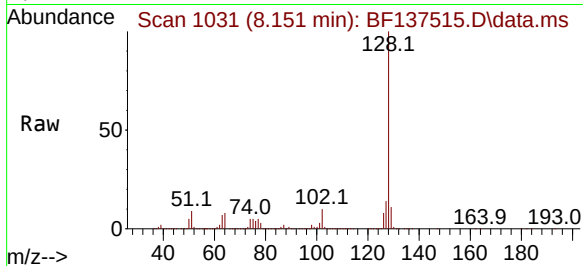




#31
Naphthalene
Concen: 42.582 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

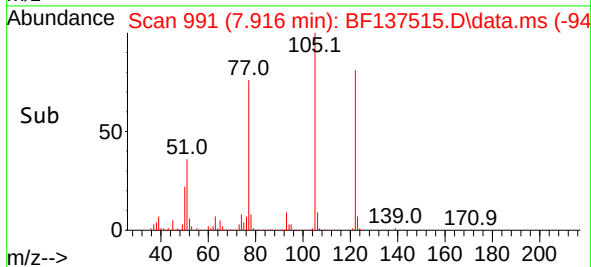
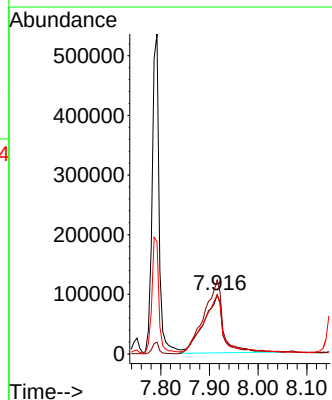
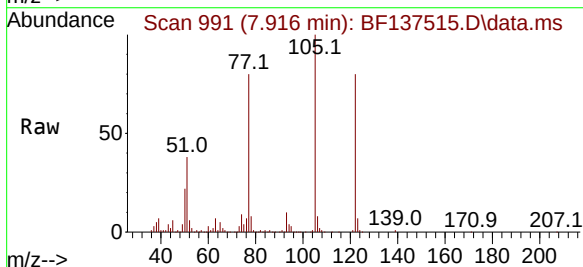
Instrument :
BNA_F
ClientSampleId :
TP-1MS

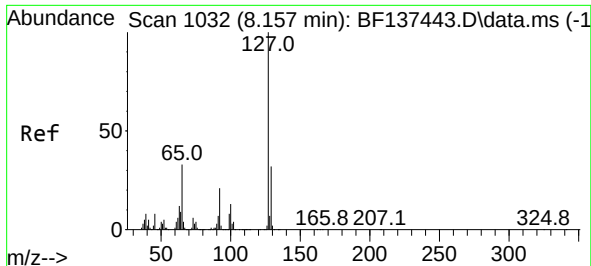
Tgt Ion:128 Resp: 2027265
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 35.356 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:122 Resp: 274107
Ion Ratio Lower Upper
122 100
105 124.8 102.4 142.4
77 99.4 81.1 121.1

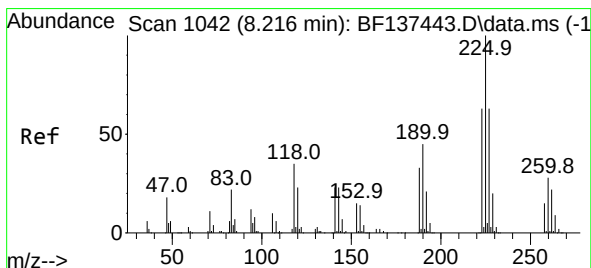
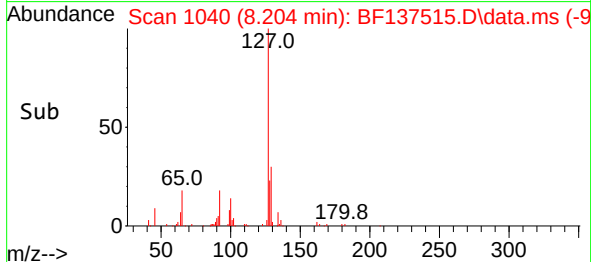
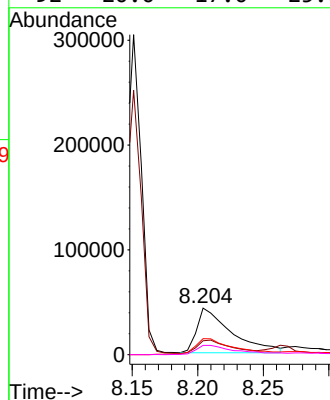
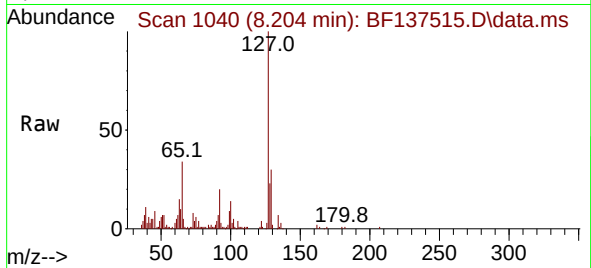




#33
4-Chloroaniline
Concen: 4.192 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

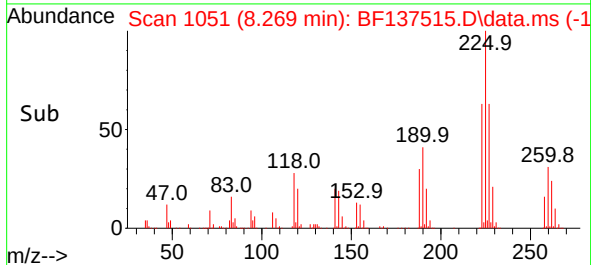
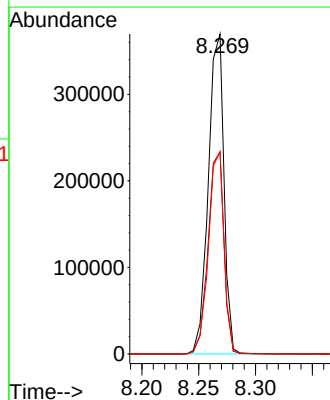
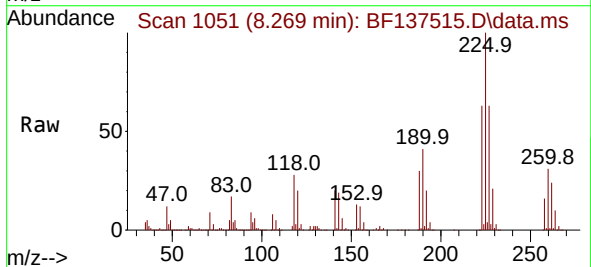
Instrument :
BNA_F
ClientSampleId :
TP-1MS

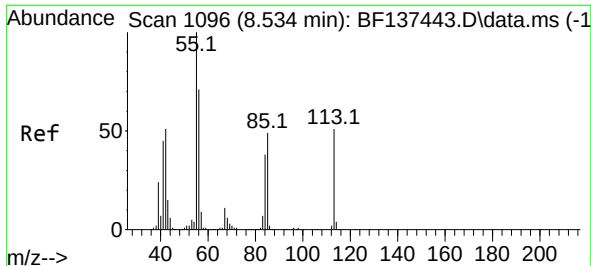
Tgt Ion:127	Resp:	78251
Ion Ratio	Lower	Upper
127	100	
129	30.0	26.0 39.0
65	34.2	26.8 40.2
92	20.0	17.0 25.6



#34
Hexachlorobutadiene
Concen: 43.491 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:225	Resp:	352914
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.7 76.1
227	63.1	50.6 75.8

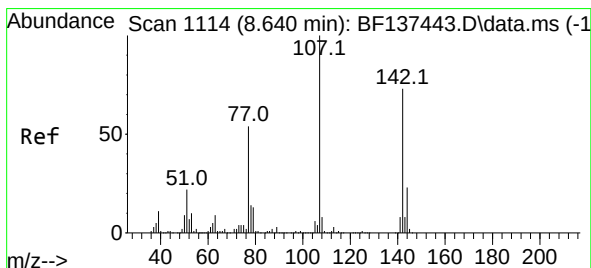
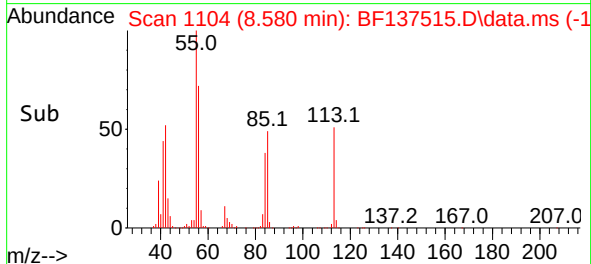
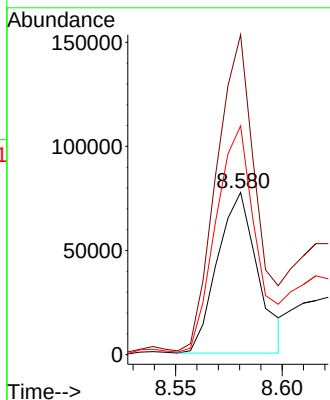
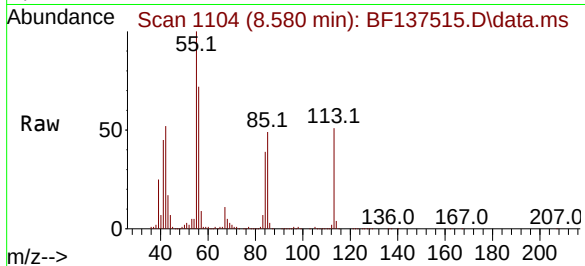




#35
 Caprolactam
 Concen: 22.889 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

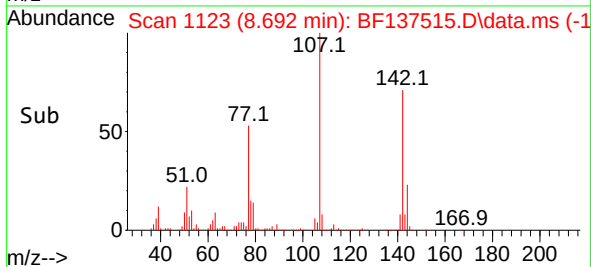
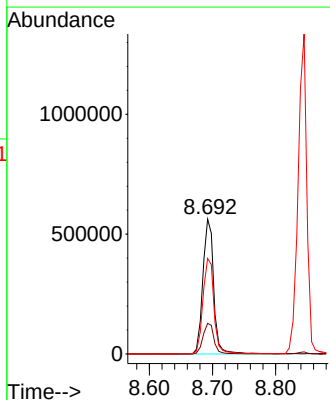
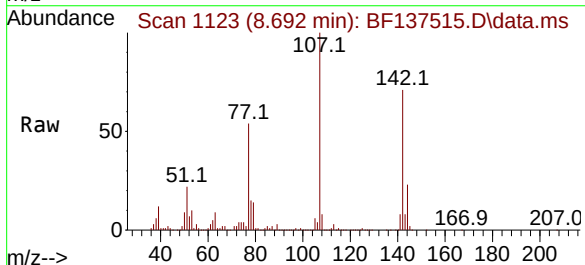
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

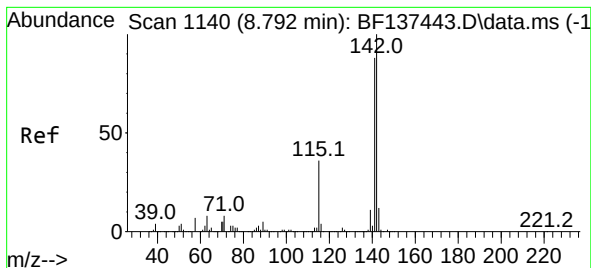
Tgt Ion:113 Resp: 101374
 Ion Ratio Lower Upper
 113 100
 55 197.2 176.7 216.7
 56 141.1 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.095 ng
 RT: 8.692 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

Tgt Ion:107 Resp: 672970
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.7 28.1
 142 70.8 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.500 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

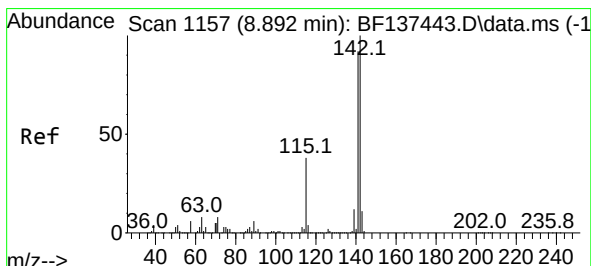
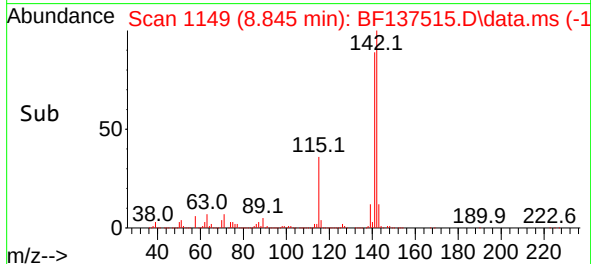
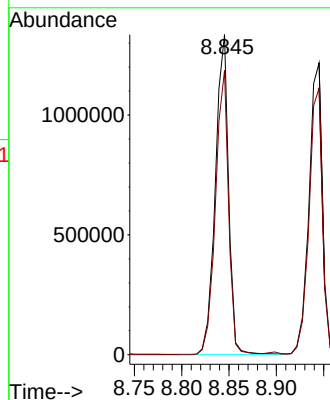
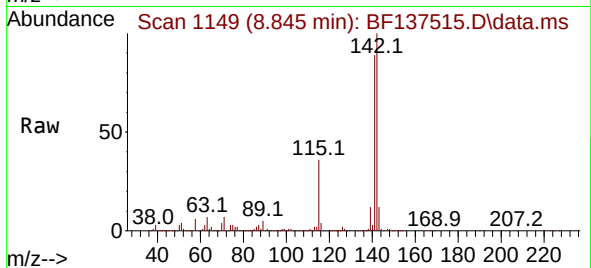
TP-1MS

Tgt Ion:142 Resp: 1289868

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.990 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF137515.D

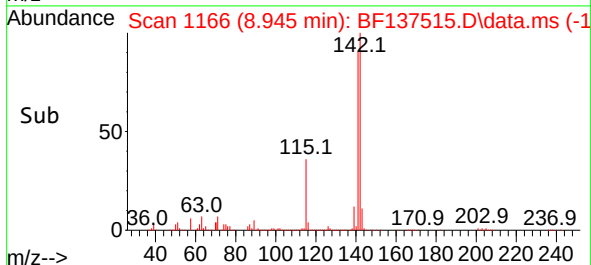
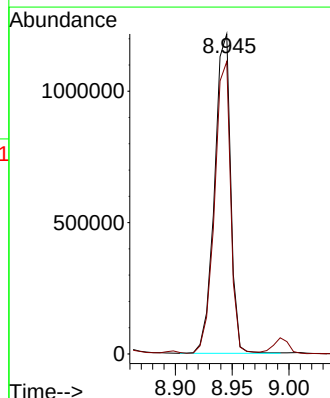
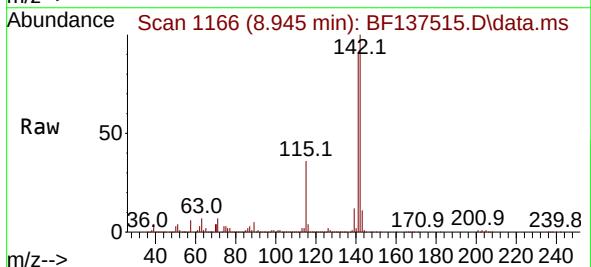
Acq: 06 Mar 2024 13:25

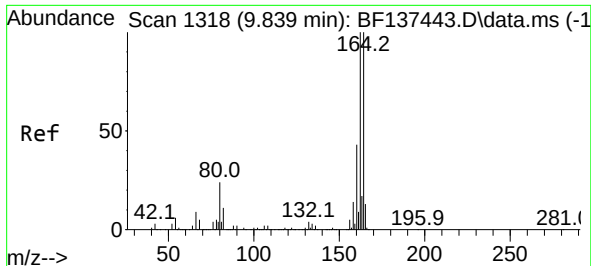
Tgt Ion:142 Resp: 1200149

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.2

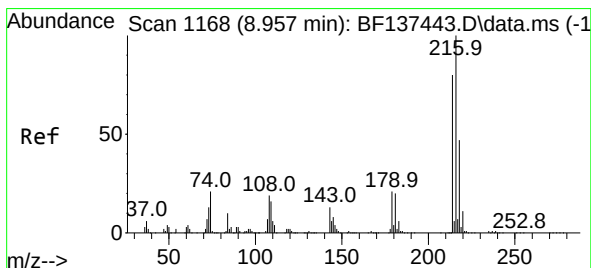
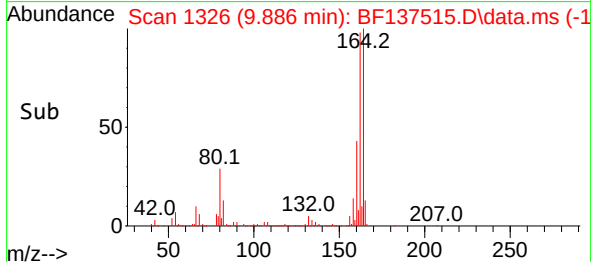
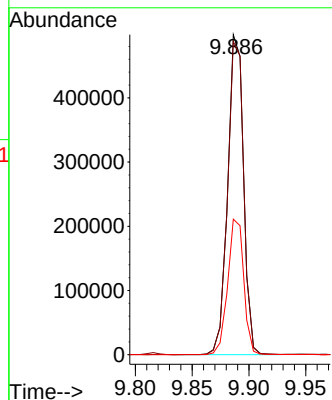
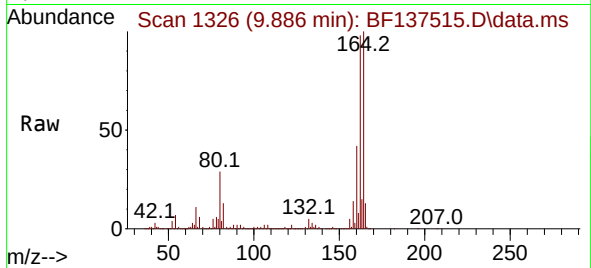




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

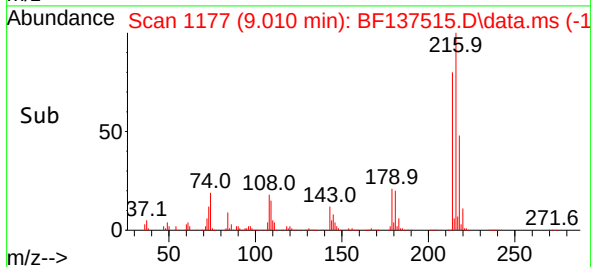
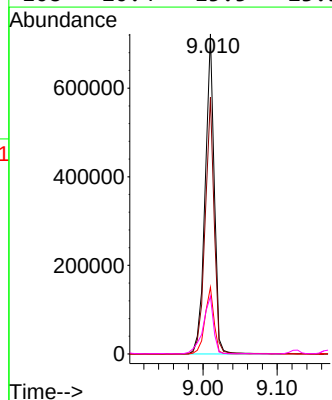
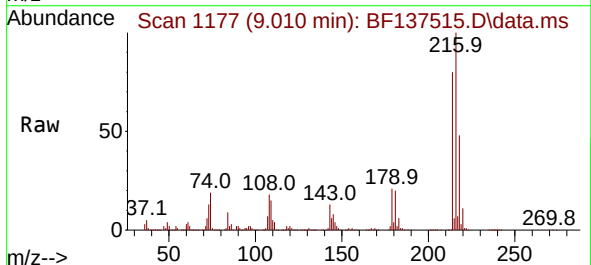
Instrument :
BNA_F
ClientSampleId :
TP-1MS

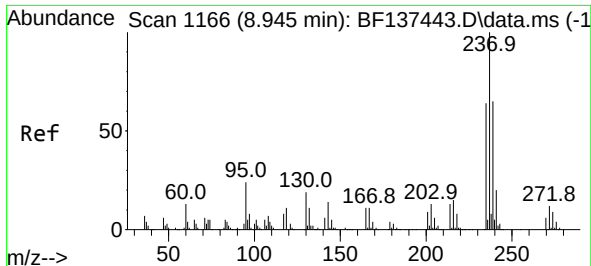
Tgt Ion:164 Resp: 483918
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.8
160 42.3 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.807 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:216 Resp: 618839
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 20.7 16.6 25.0
108 20.4 15.5 23.3

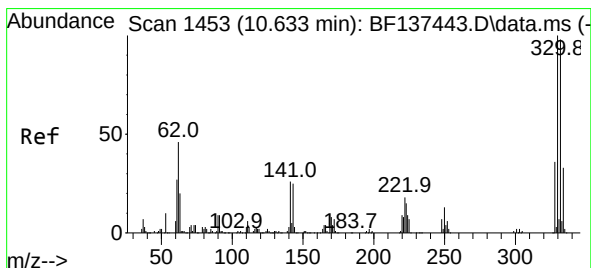
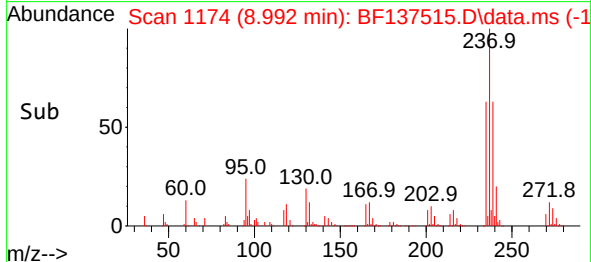
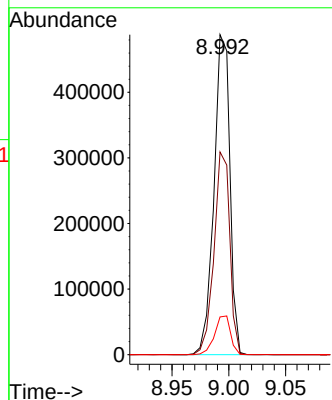
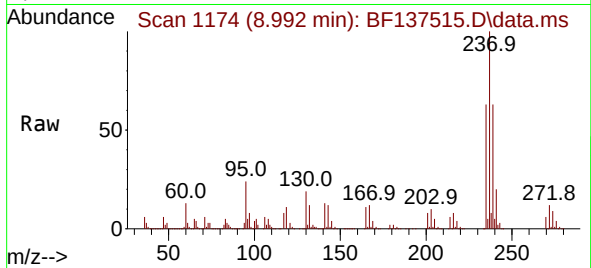




#41
Hexachlorocyclopentadiene
Concen: 85.550 ng
RT: 8.992 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

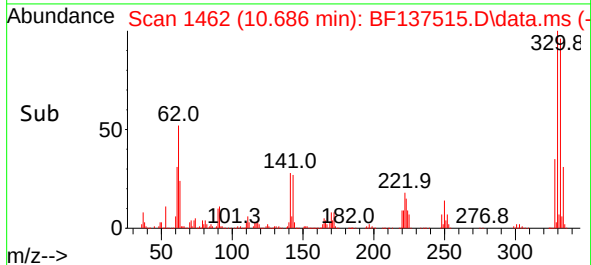
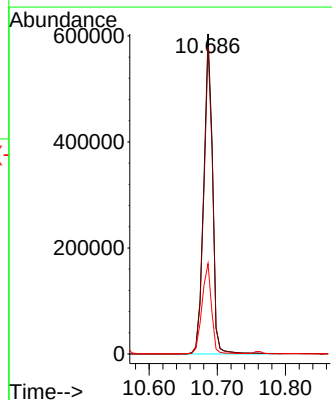
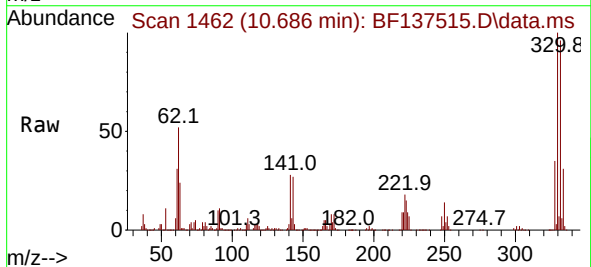
Instrument :
BNA_F
ClientSampleId :
TP-1MS

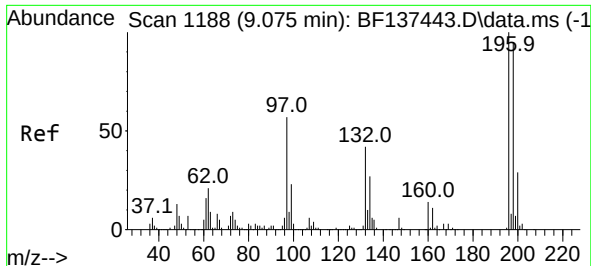
Tgt Ion:237 Resp: 475173
Ion Ratio Lower Upper
237 100
235 63.4 43.6 83.6
272 11.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 128.058 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:330 Resp: 544198
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 30.2 27.3 40.9

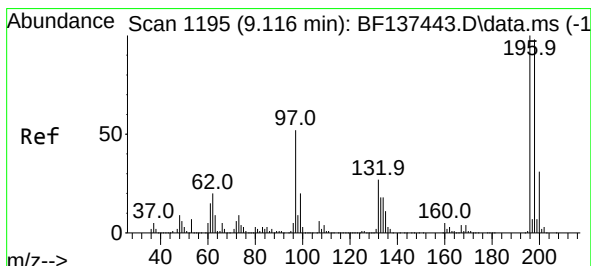
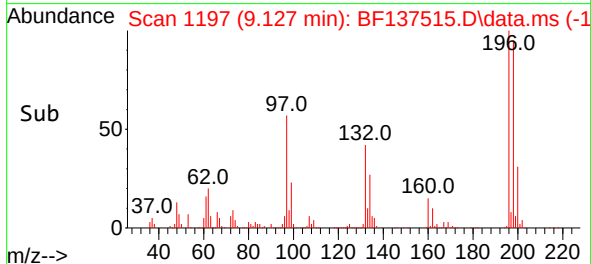
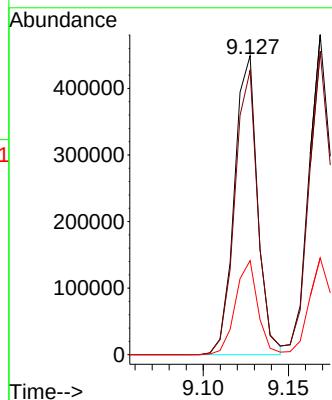
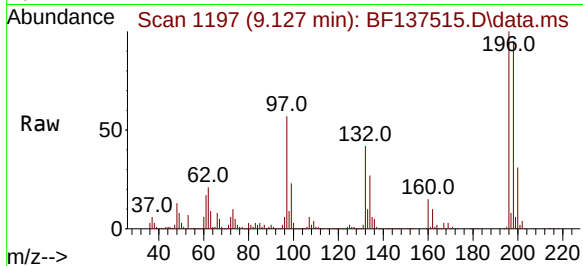




#43
2,4,6-Trichlorophenol
Concen: 48.483 ng
RT: 9.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

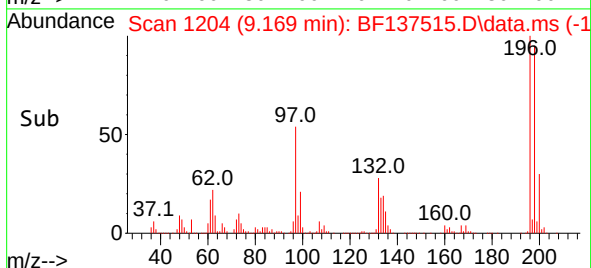
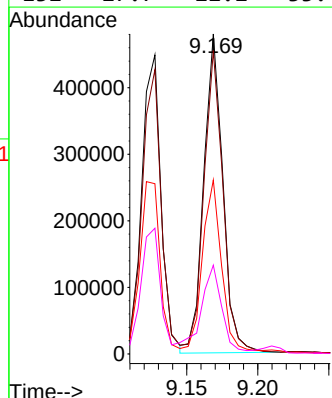
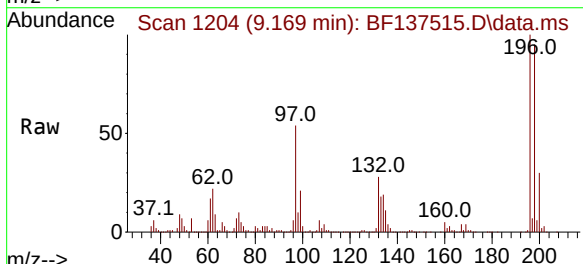
Instrument :
BNA_F
ClientSampleId :
TP-1MS

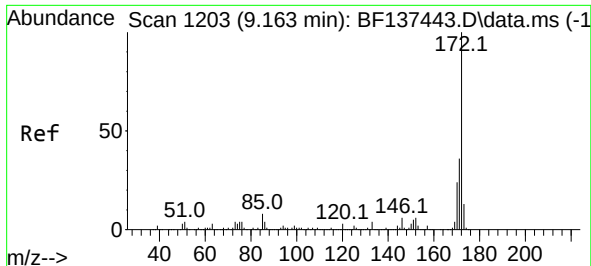
Tgt Ion:196 Resp: 426538
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.8
200 31.4 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 44.348 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:196 Resp: 449444
Ion Ratio Lower Upper
196 100
198 94.8 78.6 117.8
97 54.4 41.8 62.8
132 27.7 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.470 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

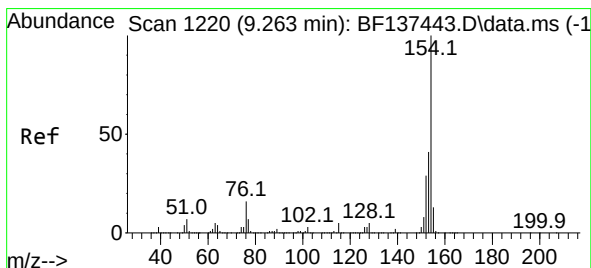
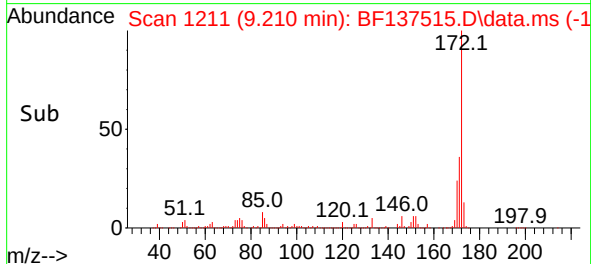
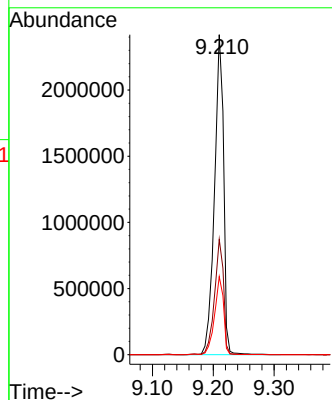
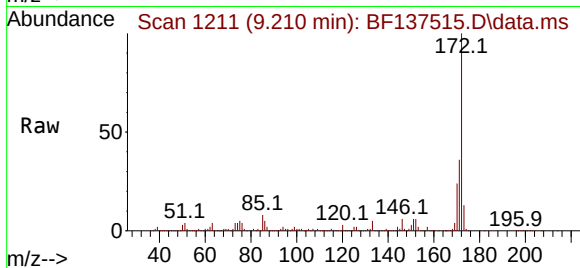
Tgt Ion:172 Resp: 2518590

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.765 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

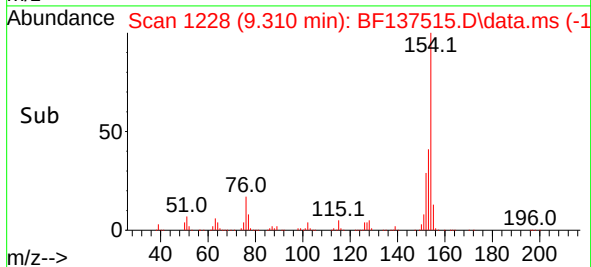
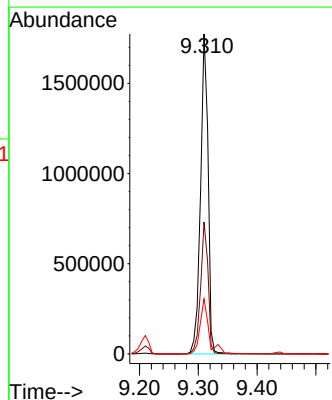
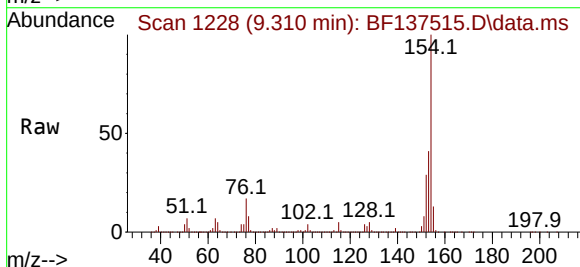
Tgt Ion:154 Resp: 1585506

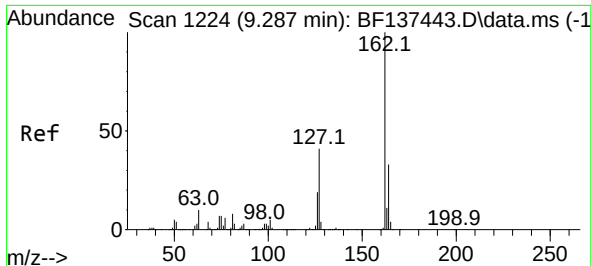
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 17.2 0.0 35.8

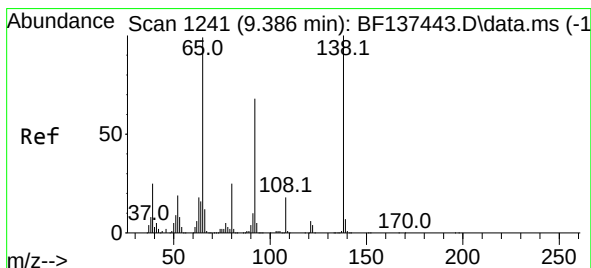
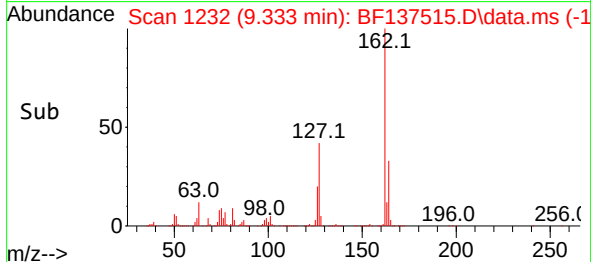
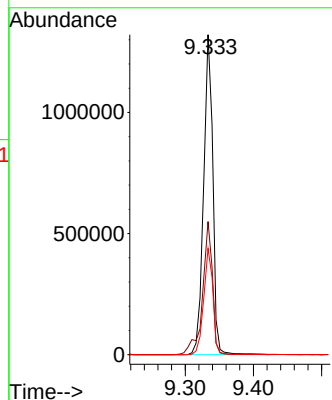
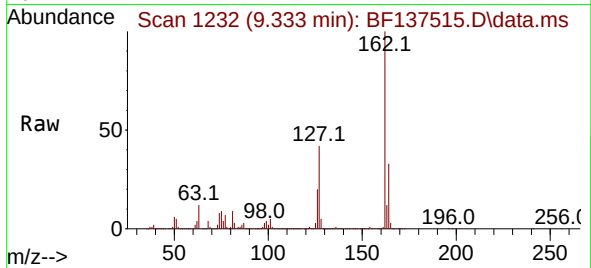




#47
2-Chloronaphthalene
Concen: 46.119 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

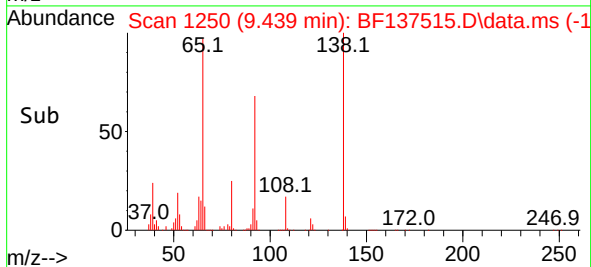
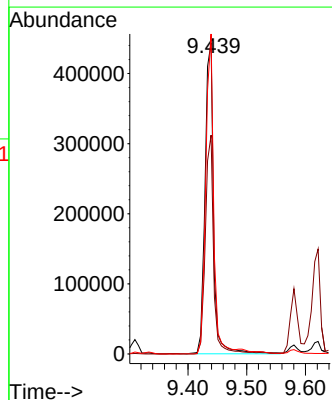
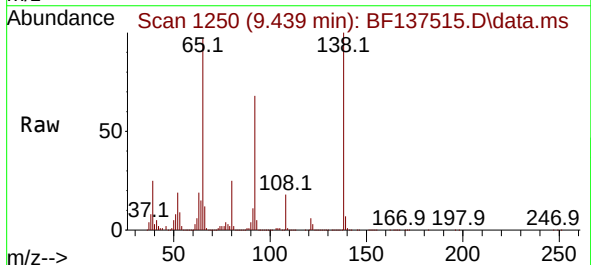
Instrument :
BNA_F
ClientSampleId :
TP-1MS

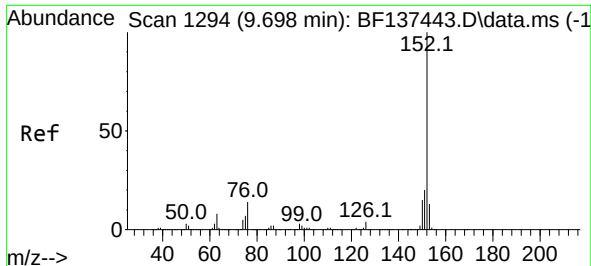
Tgt Ion:162 Resp: 1245374
Ion Ratio Lower Upper
162 100
127 41.6 32.6 49.0
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 49.076 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion: 65 Resp: 450436
Ion Ratio Lower Upper
65 100
92 70.3 55.4 83.2
138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 46.148 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

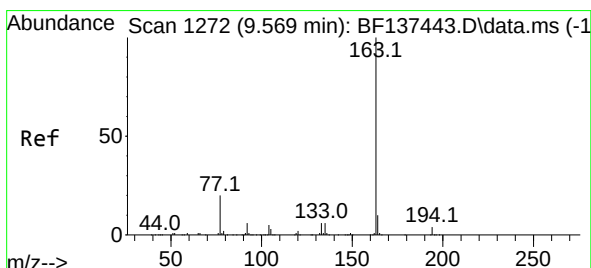
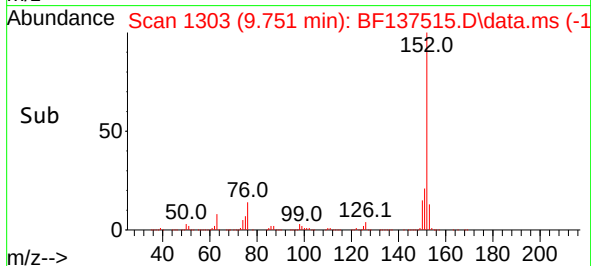
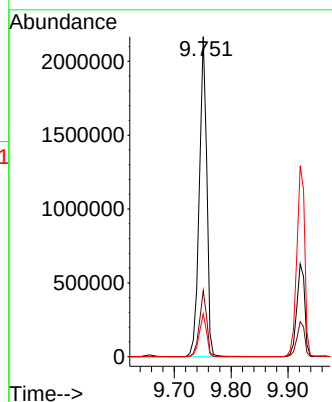
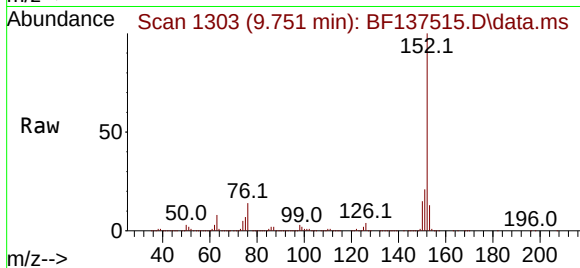
Tgt Ion:152 Resp: 1994276

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 44.973 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

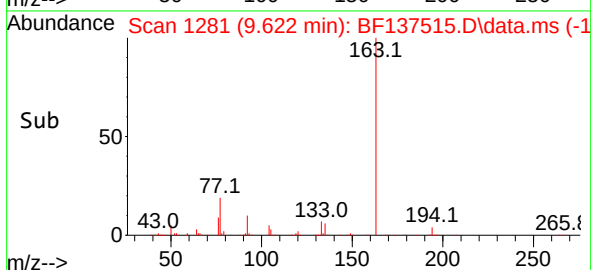
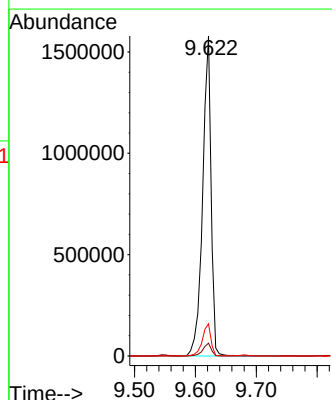
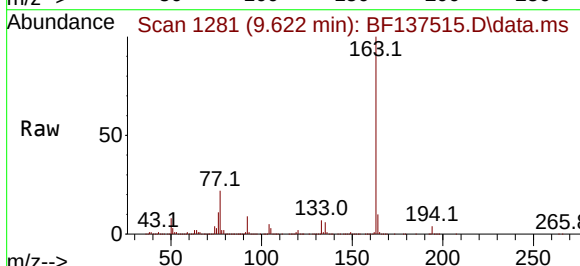
Tgt Ion:163 Resp: 1514969

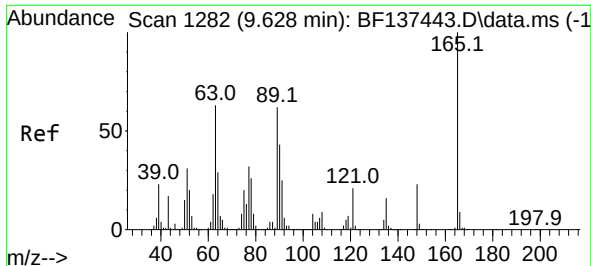
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.1 12.1

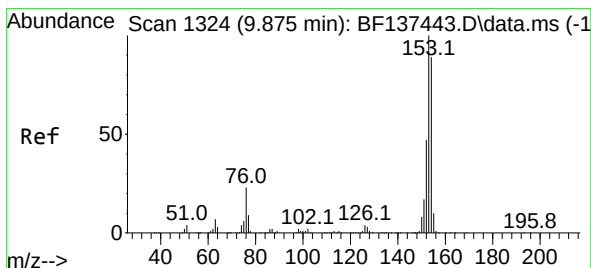
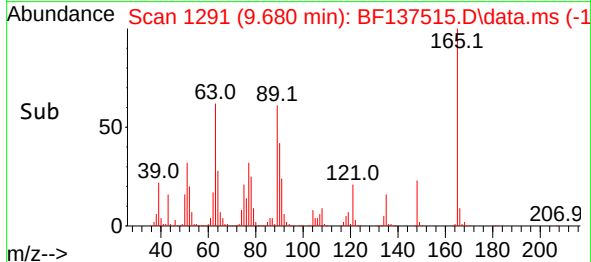
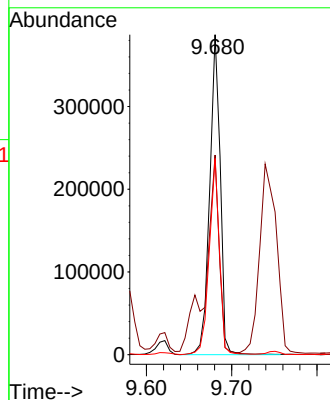
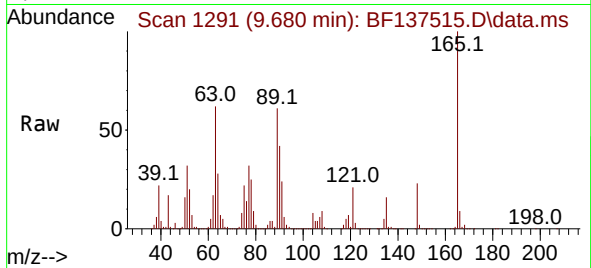




#51
2,6-Dinitrotoluene
Concen: 47.148 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

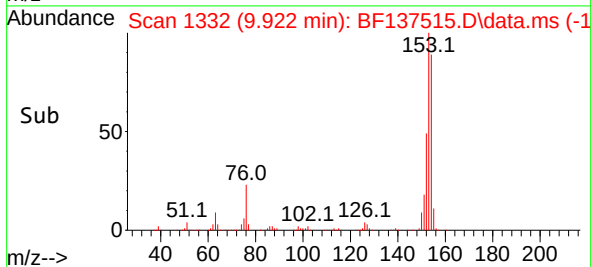
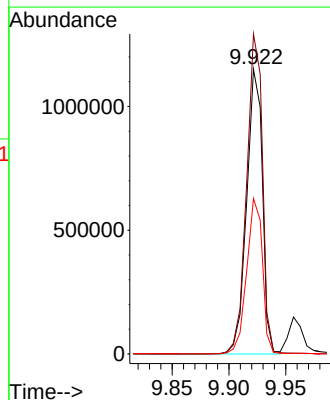
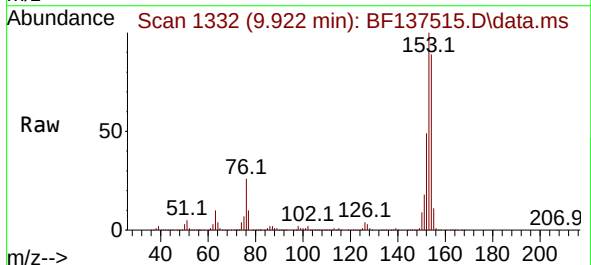
Instrument :
BNA_F
ClientSampleId :
TP-1MS

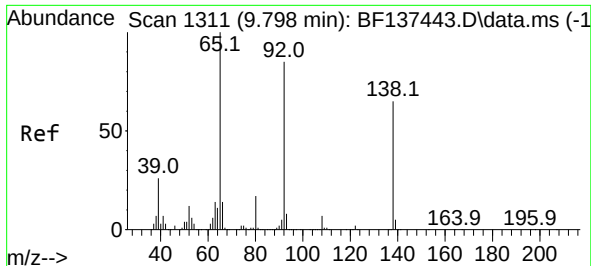
Tgt Ion:165 Resp: 332196
Ion Ratio Lower Upper
165 100
63 62.4 50.7 76.1
89 61.3 50.0 75.0



#52
Acenaphthene
Concen: 42.999 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:154 Resp: 1109354
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 54.6 42.7 64.1

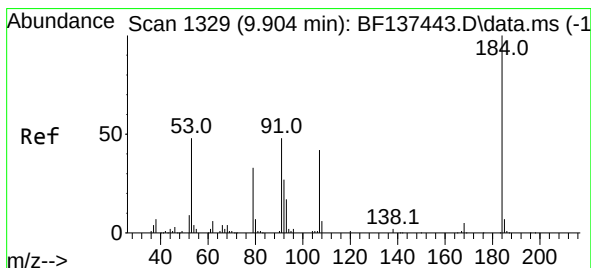
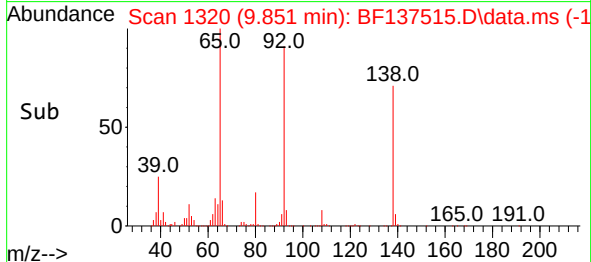
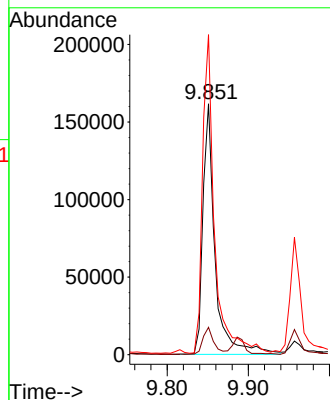
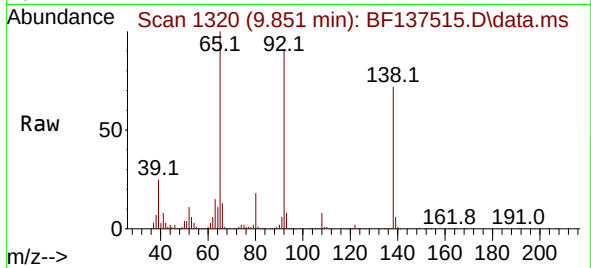




#53
3-Nitroaniline
Concen: 22.529 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

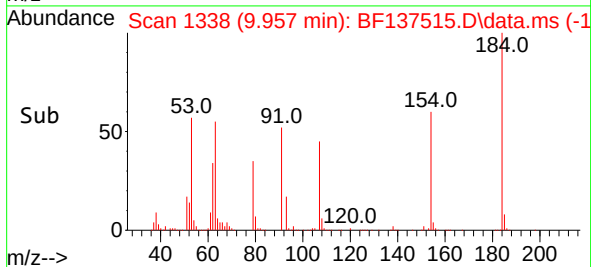
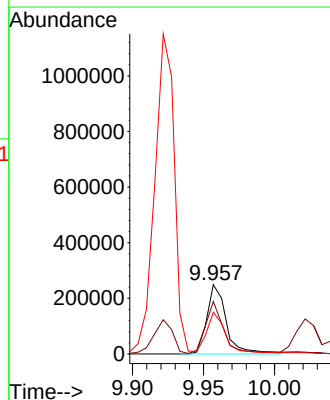
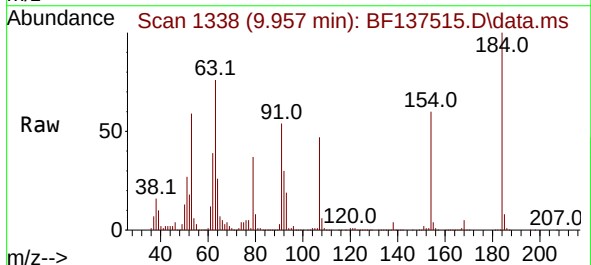
Instrument :
BNA_F
ClientSampleId :
TP-1MS

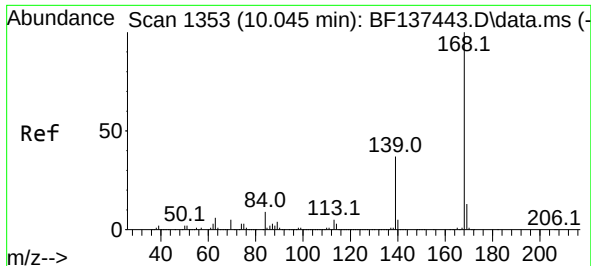
Tgt Ion:138 Resp: 167903
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 127.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 70.566 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:184 Resp: 238790
Ion Ratio Lower Upper
184 100
63 75.6 53.3 79.9
154 60.0 47.4 71.0

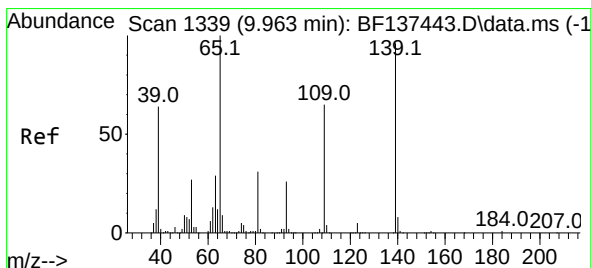
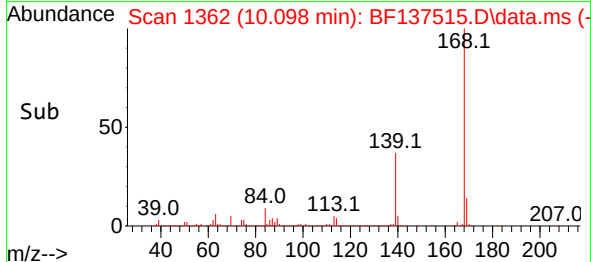
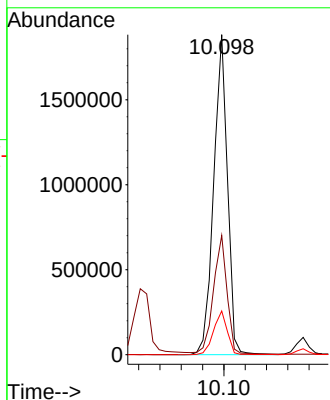
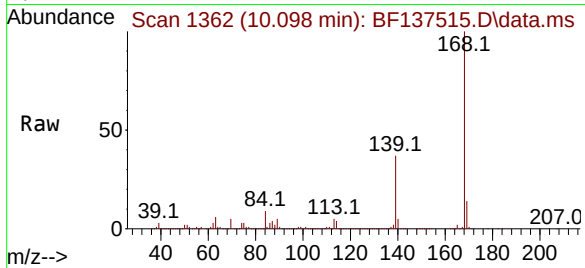




#55
Dibenzenofuran
Concen: 42.965 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

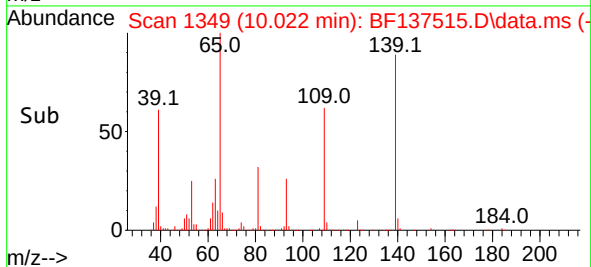
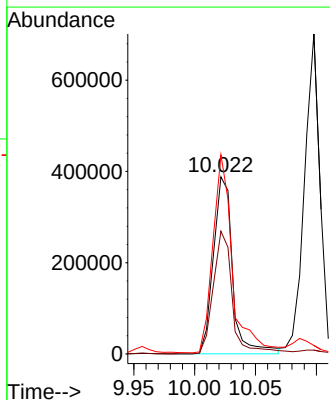
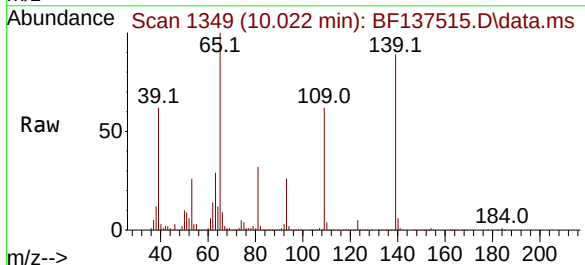
Instrument :
BNA_F
ClientSampleId :
TP-1MS

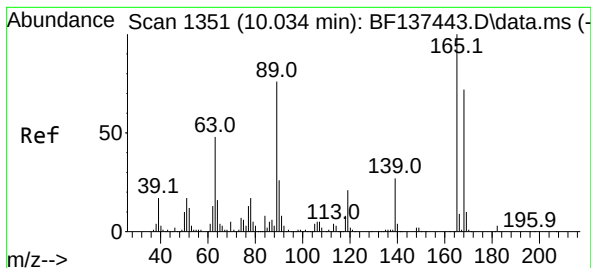
Tgt Ion:168 Resp: 1688314
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 80.317 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:139 Resp: 425960
Ion Ratio Lower Upper
139 100
109 69.3 47.1 87.1
65 112.6 85.1 125.1

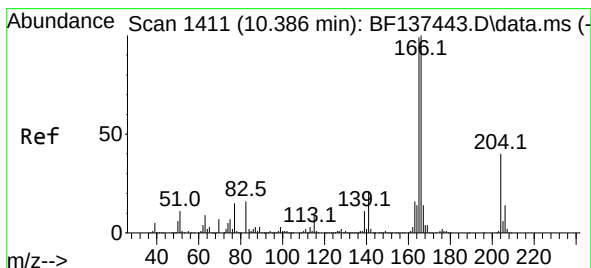
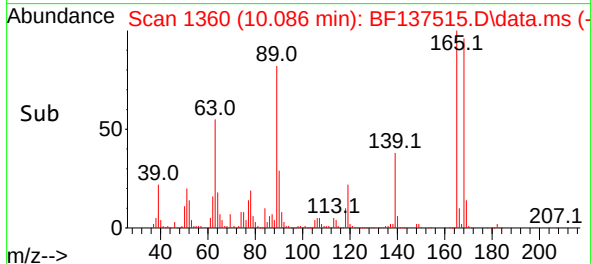
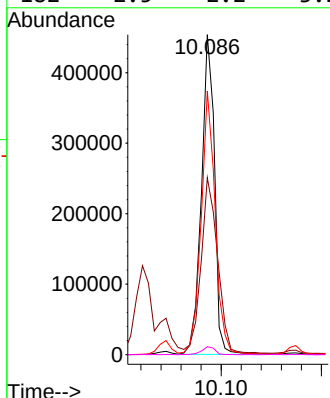
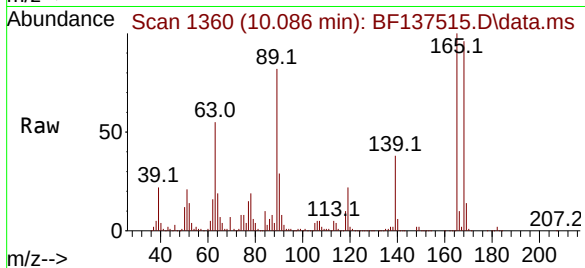




#57
2,4-Dinitrotoluene
Concen: 47.618 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

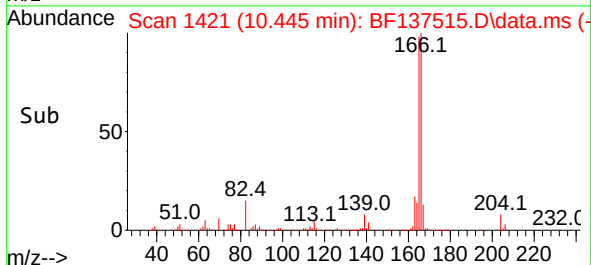
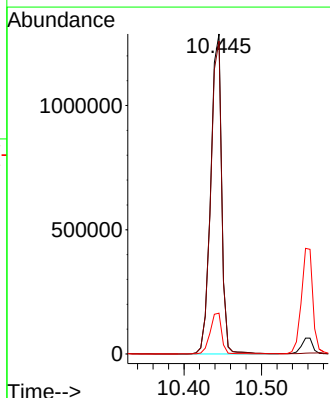
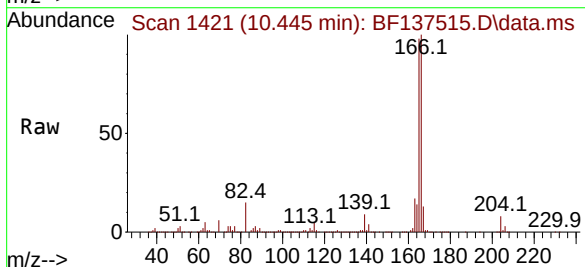
Instrument :
BNA_F
ClientSampleId :
TP-1MS

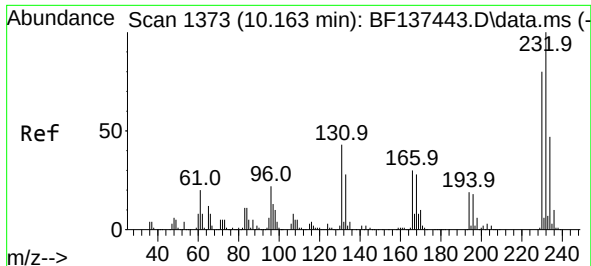
Tgt Ion:165 Resp: 412196
Ion Ratio Lower Upper
165 100
63 55.3 39.0 58.6
89 82.4 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 41.711 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:166 Resp: 1258764
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 12.7 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.325 ng

RT: 10.174 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:232 Resp: 368350

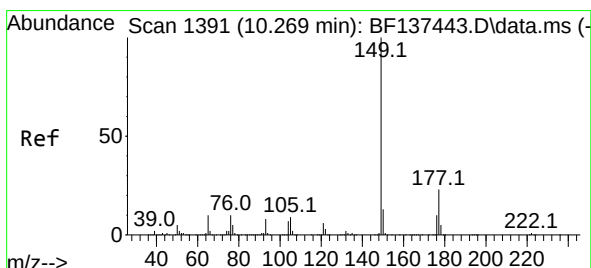
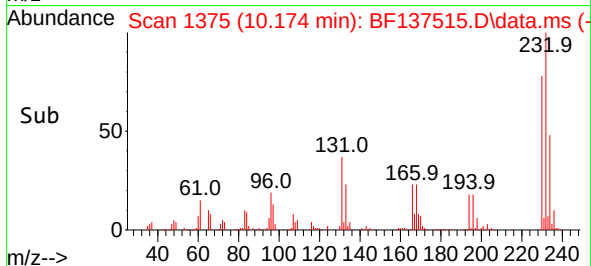
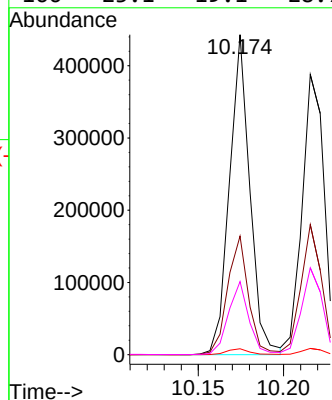
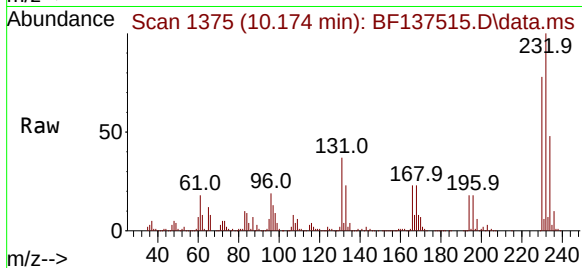
Ion Ratio Lower Upper

232 100

131 38.2 31.2 46.8

130 2.1 1.8 2.6

166 23.1 19.1 28.7



#60

Diethylphthalate

Concen: 44.590 ng

RT: 10.322 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

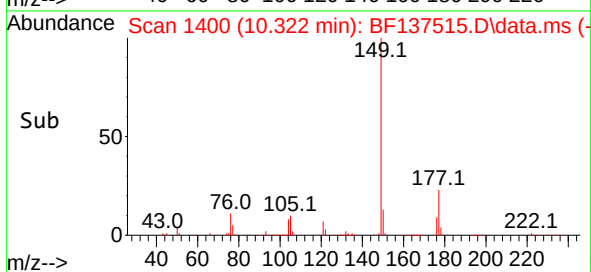
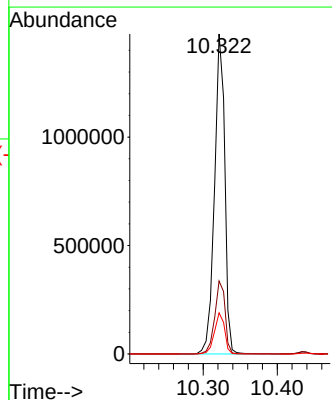
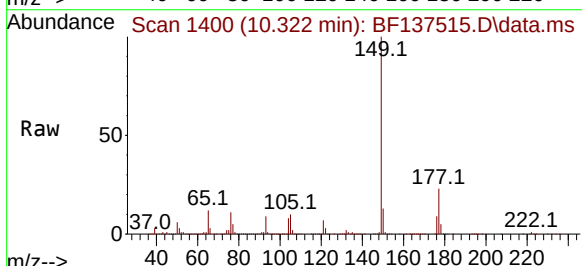
Tgt Ion:149 Resp: 1418460

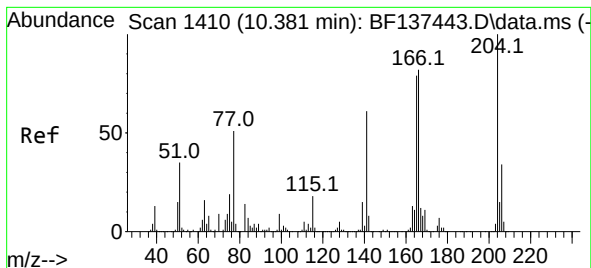
Ion Ratio Lower Upper

149 100

177 22.8 18.7 28.1

150 12.8 10.2 15.4

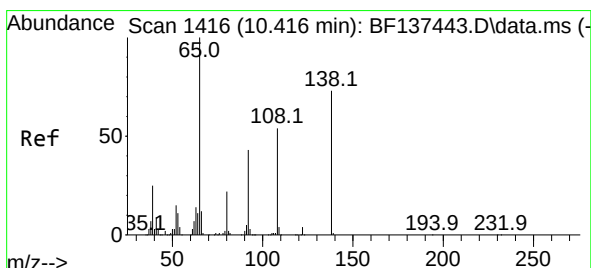
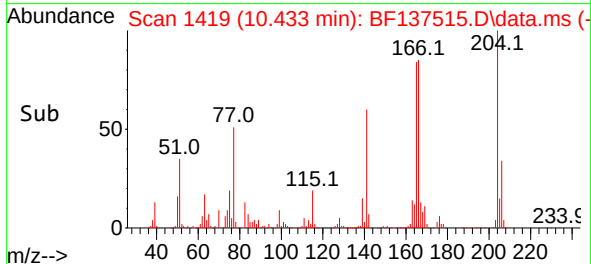
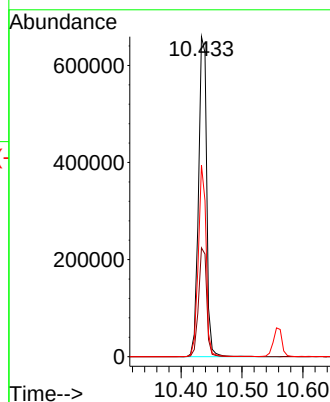
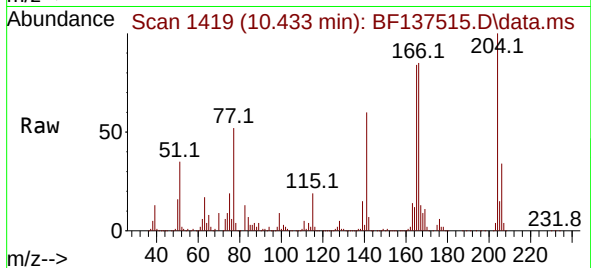




#61
4-Chlorophenyl-phenylether
Concen: 41.507 ng
RT: 10.433 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

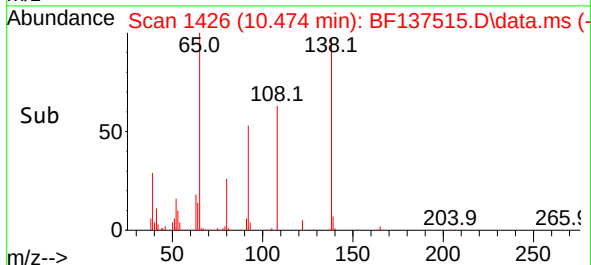
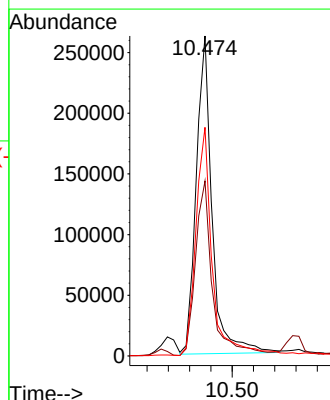
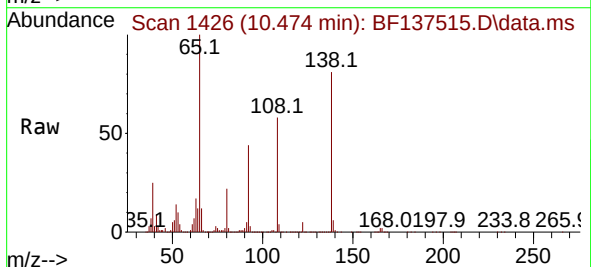
Instrument :
BNA_F
ClientSampleId :
TP-1MS

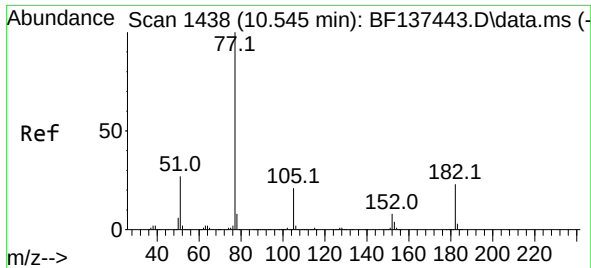
Tgt Ion:204 Resp: 613886
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 59.8 48.4 72.6



#62
4-Nitroaniline
Concen: 42.270 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:138 Resp: 270756
Ion Ratio Lower Upper
138 100
92 54.7 37.9 77.9
108 71.4 53.2 93.2

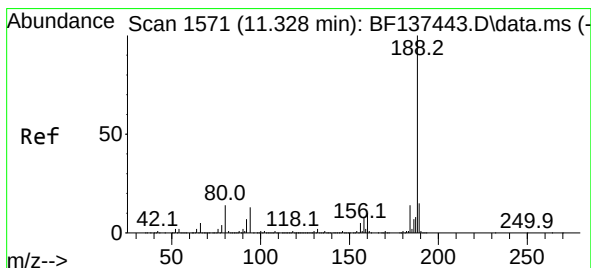
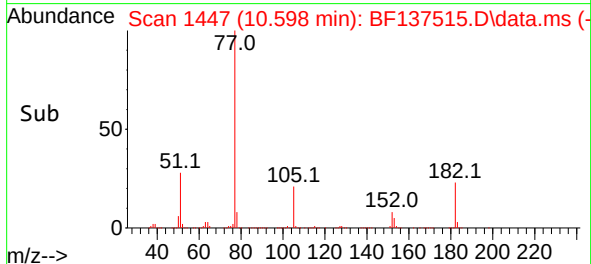
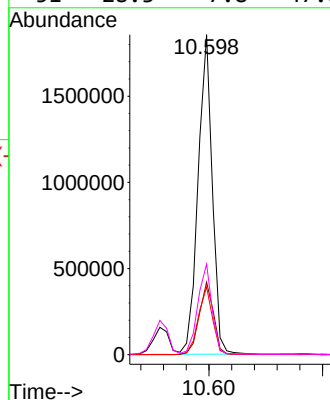
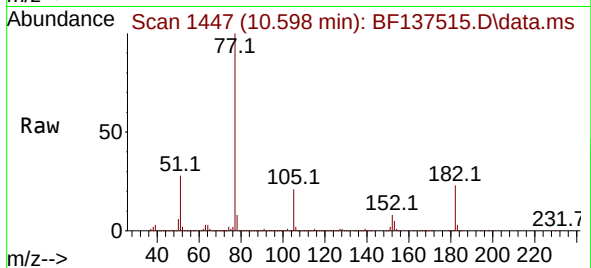




#63
Azobenzene
Concen: 43.876 ng
RT: 10.598 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

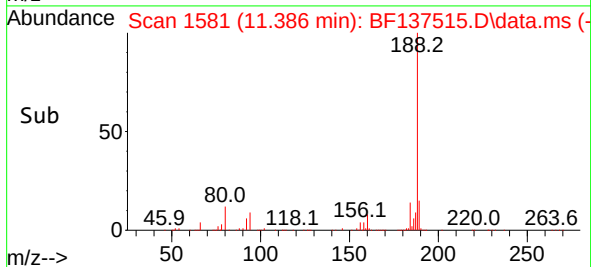
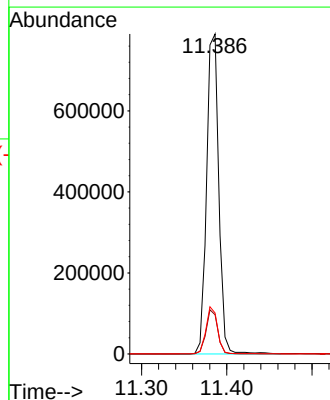
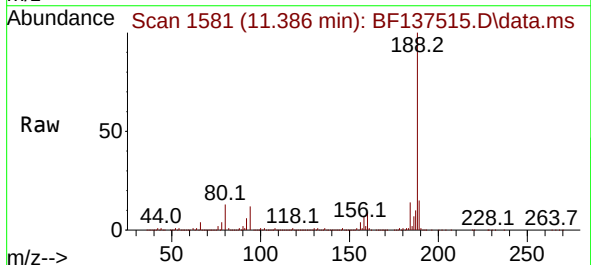
Instrument :
BNA_F
ClientSampleId :
TP-1MS

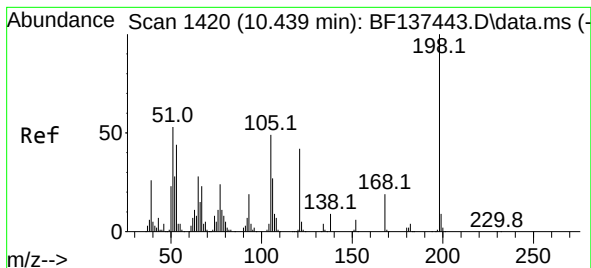
Tgt Ion: 77 Resp: 1607169
Ion Ratio Lower Upper
77 100
182 22.6 3.2 43.2
105 21.2 1.2 41.2
51 28.3 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:188 Resp: 783227
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 12.8 11.5 17.3

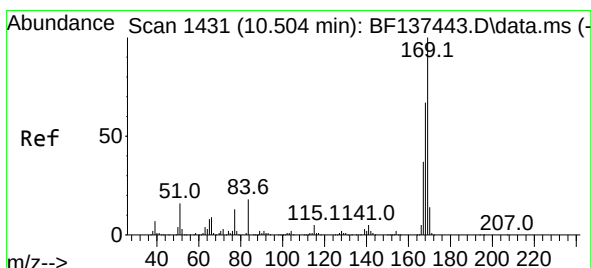
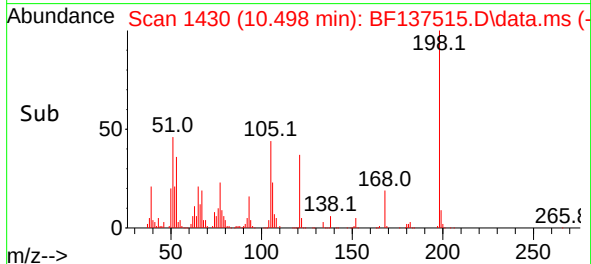
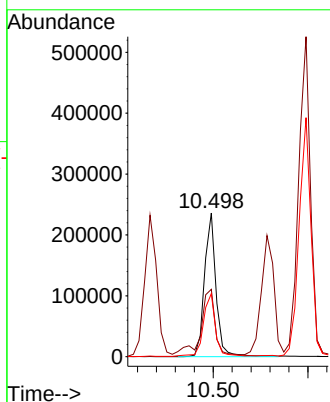
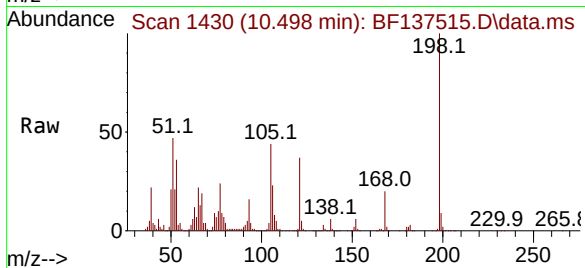




#65
4,6-Dinitro-2-methylphenol
Concen: 45.774 ng
RT: 10.498 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

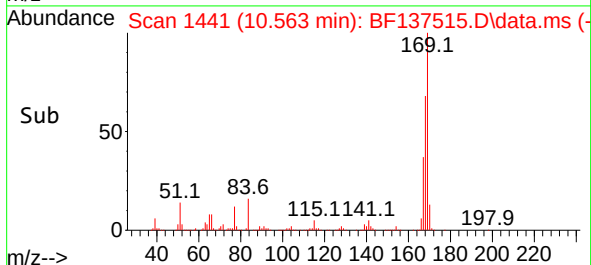
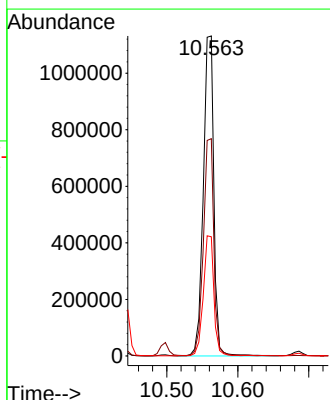
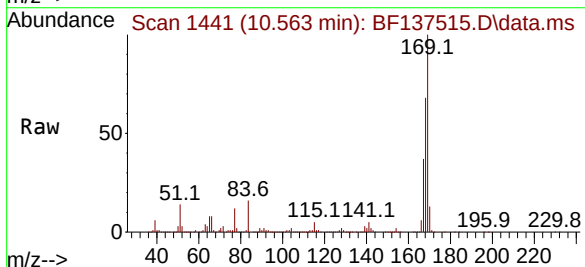
Instrument :
BNA_F
ClientSampleId :
TP-1MS

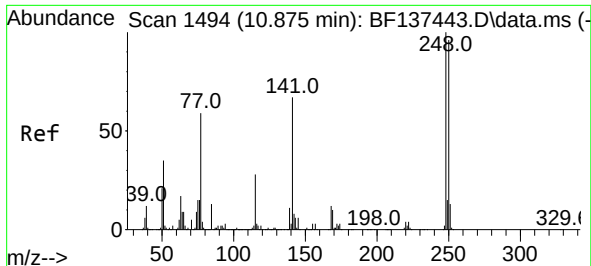
Tgt Ion:198 Resp: 199818
Ion Ratio Lower Upper
198 100
51 46.9 37.2 77.2
105 43.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 46.236 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:169 Resp: 1166106
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.6
167 37.2 29.6 44.4

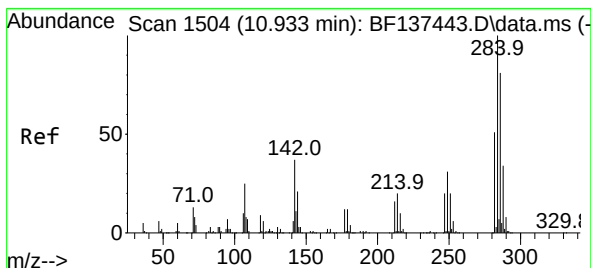
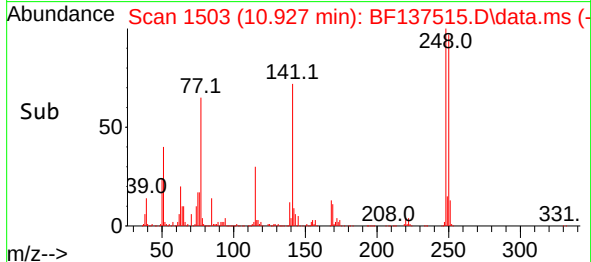
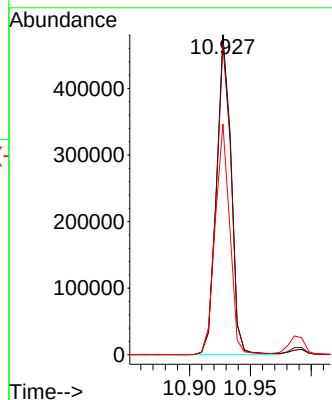
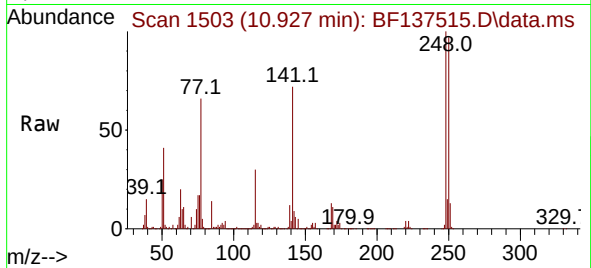




#67
4-Bromophenyl-phenylether
Concen: 47.319 ng
RT: 10.927 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

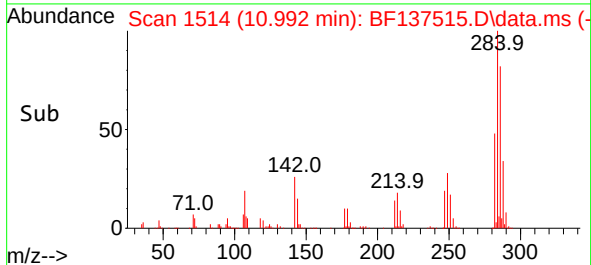
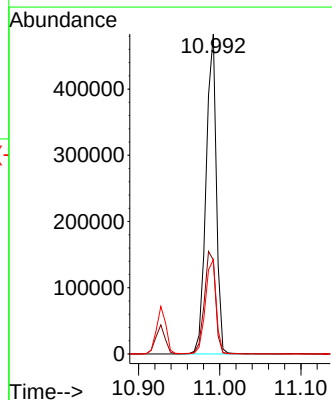
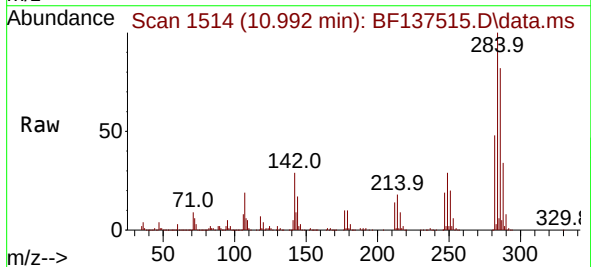
Instrument :
BNA_F
ClientSampleId :
TP-1MS

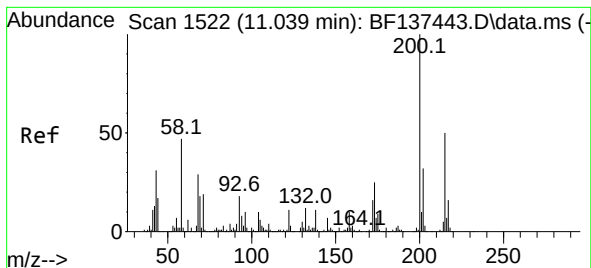
Tgt Ion:248 Resp: 403666
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 72.1 53.4 80.0



#68
Hexachlorobenzene
Concen: 49.353 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:284 Resp: 425232
Ion Ratio Lower Upper
284 100
142 29.4 29.4 44.0
249 29.5 25.0 37.4





#69

Atrazine

Concen: 47.204 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

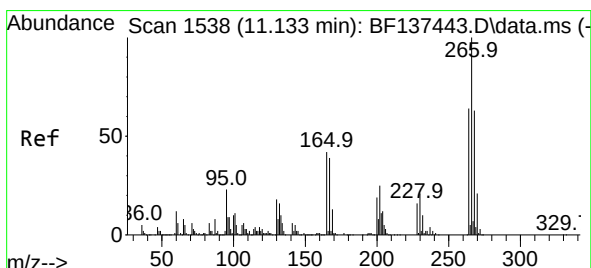
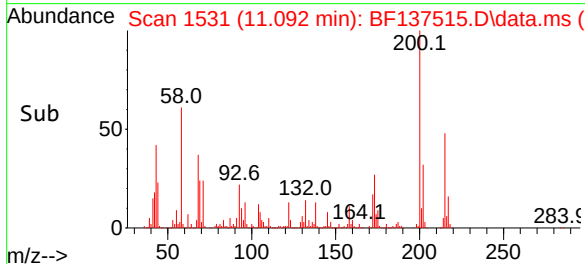
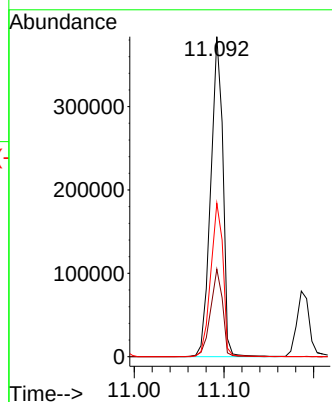
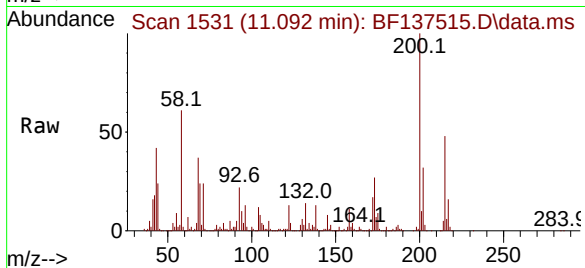
Tgt Ion:200 Resp: 361919

Ion Ratio Lower Upper

200 100

173 27.3 5.1 45.1

215 48.0 30.4 70.4



#70

Pentachlorophenol

Concen: 81.722 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

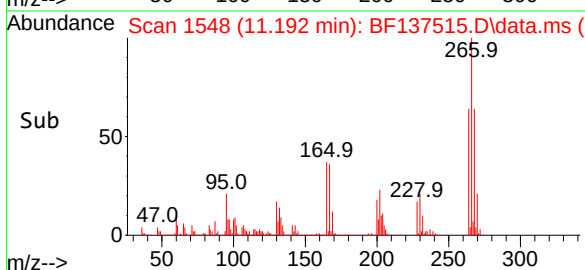
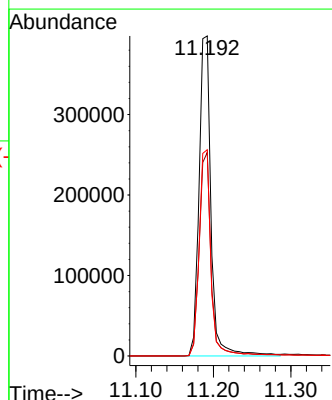
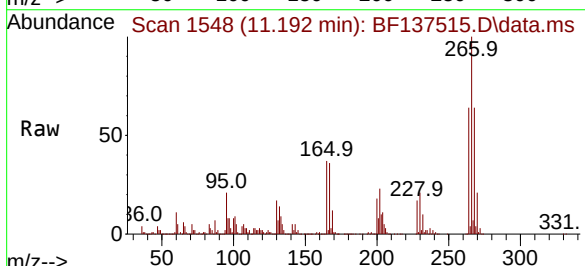
Tgt Ion:266 Resp: 425661

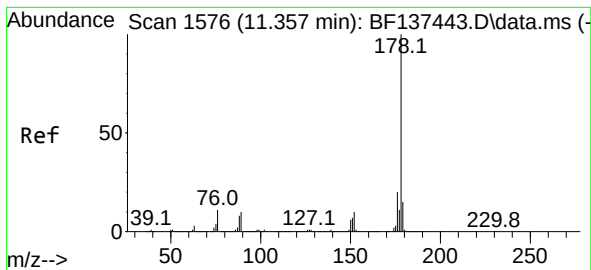
Ion Ratio Lower Upper

266 100

268 63.6 50.2 75.2

264 64.5 50.9 76.3





#71

Phenanthrene

Concen: 44.346 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

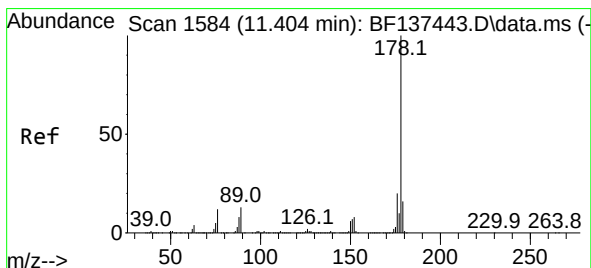
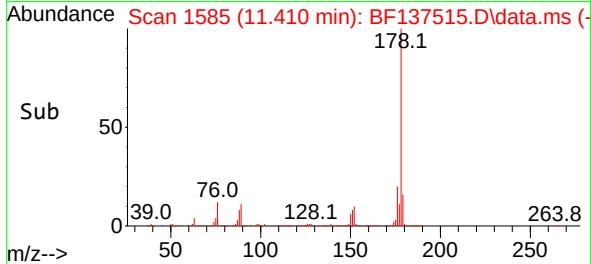
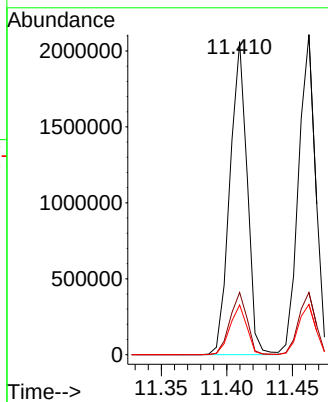
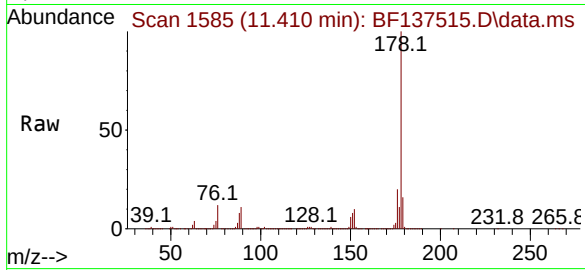
Tgt Ion:178 Resp: 1890258

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.9 12.2 18.2



#72

Anthracene

Concen: 44.215 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

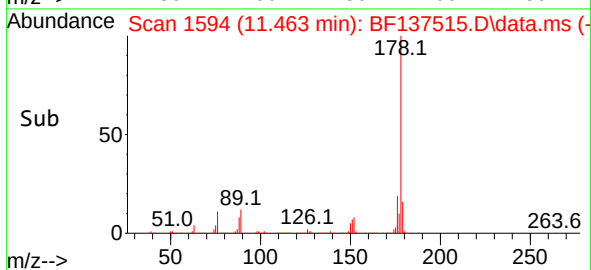
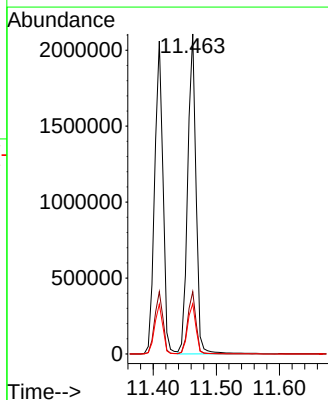
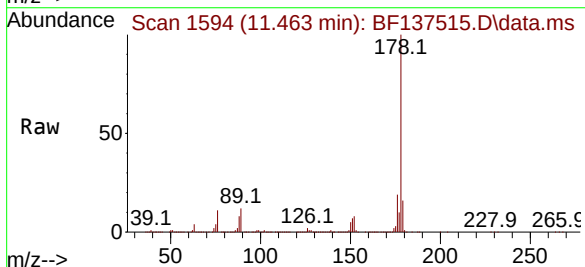
Tgt Ion:178 Resp: 1935662

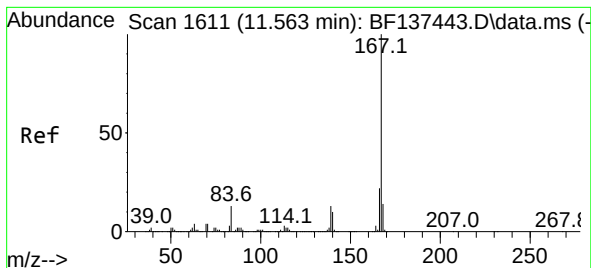
Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.7 12.7 19.1





#73

Carbazole

Concen: 44.828 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

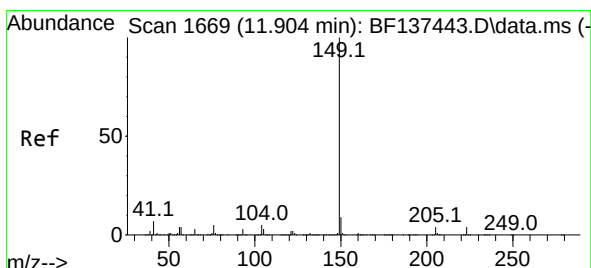
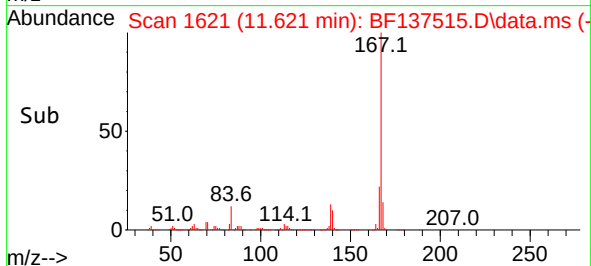
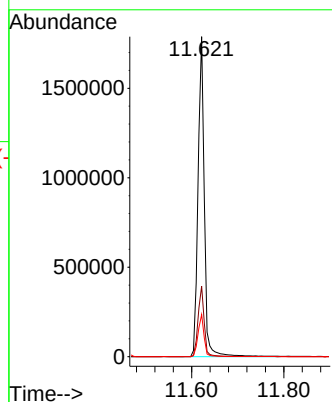
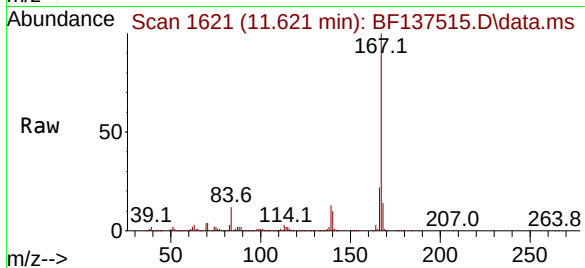
Tgt Ion:167 Resp: 1681006

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 46.335 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

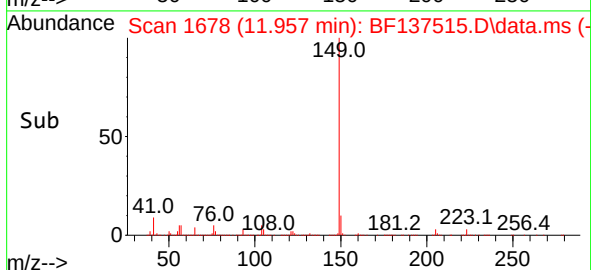
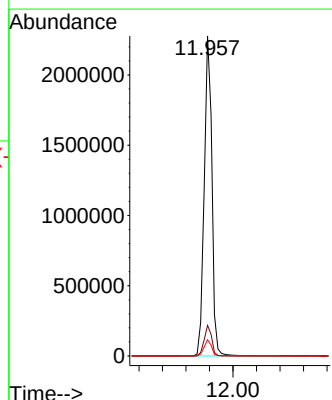
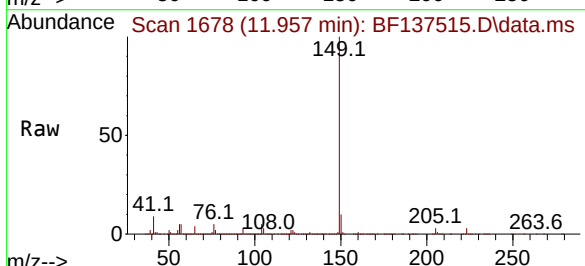
Tgt Ion:149 Resp: 2067265

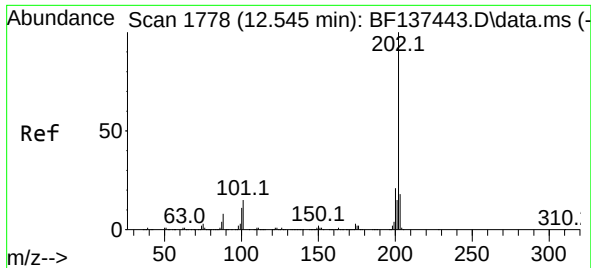
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.1 3.8 5.6

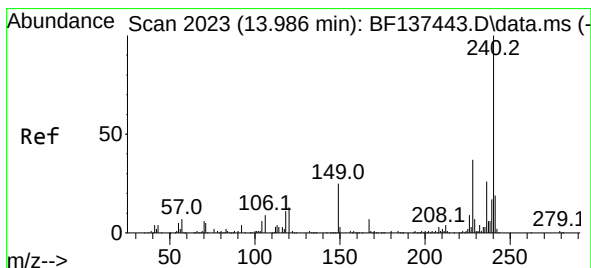
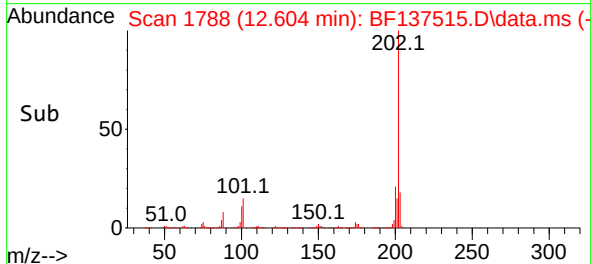
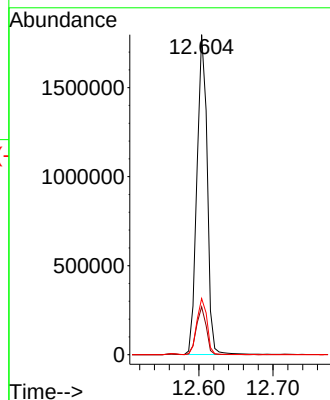
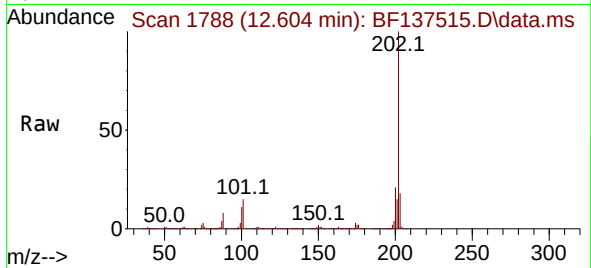




#75
Fluoranthene
Concen: 41.267 ng
RT: 12.604 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

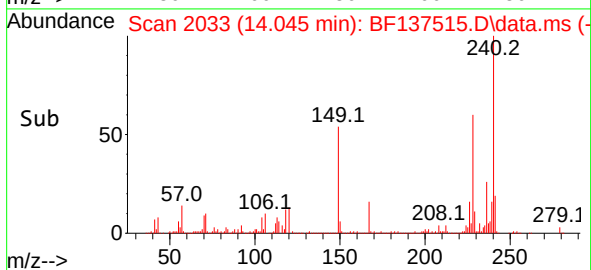
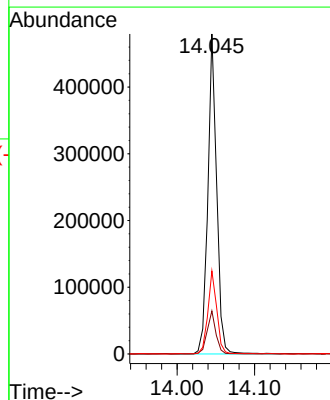
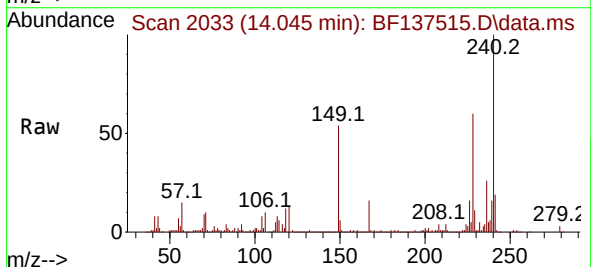
Instrument :
BNA_F
ClientSampleId :
TP-1MS

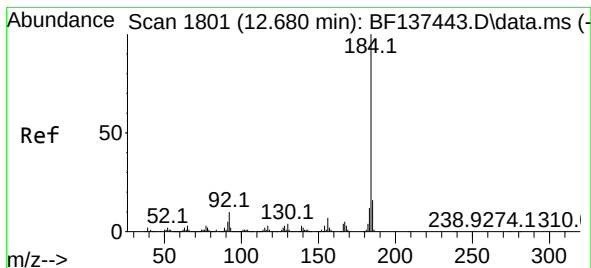
Tgt Ion:202 Resp: 1719396
Ion Ratio Lower Upper
202 100
101 14.9 0.0 35.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:240 Resp: 379036
Ion Ratio Lower Upper
240 100
120 13.5 10.4 15.6
236 25.9 20.9 31.3





#77

Benzidine

Concen: 6.680 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

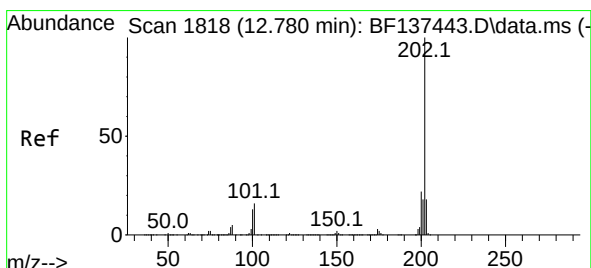
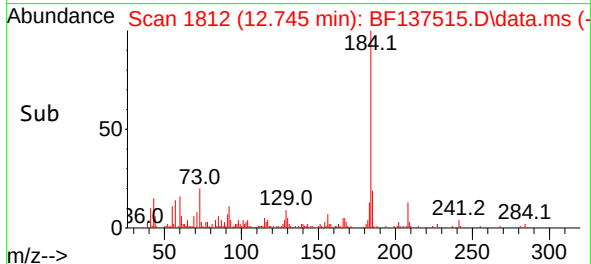
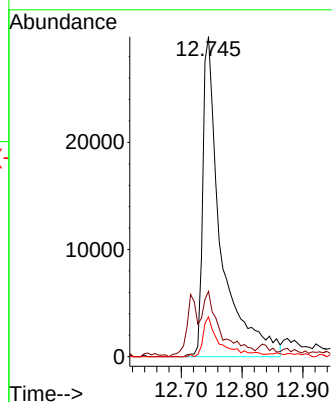
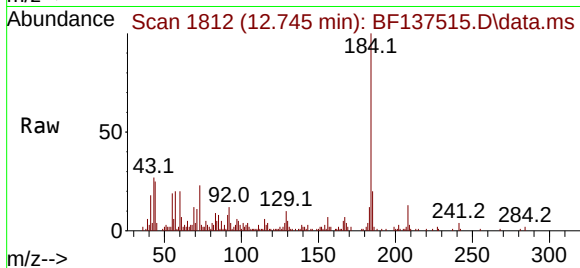
Tgt Ion:184 Resp: 61963

Ion Ratio Lower Upper

184 100

185 20.4 13.2 19.8#

183 12.4 9.3 13.9



#78

Pyrene

Concen: 45.932 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

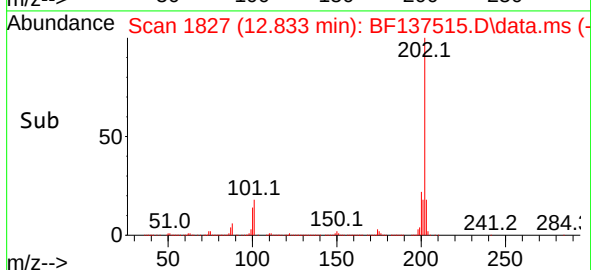
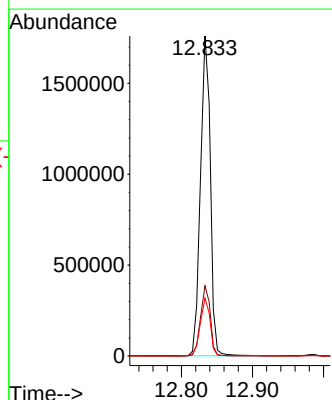
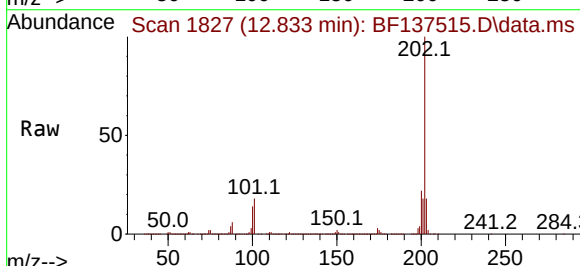
Tgt Ion:202 Resp: 1708306

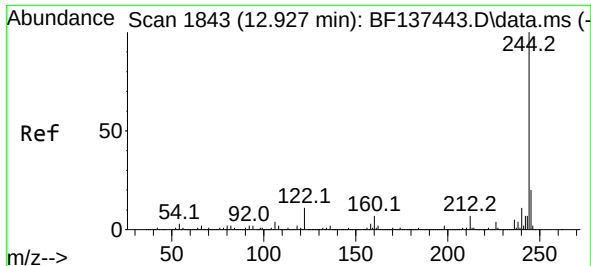
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

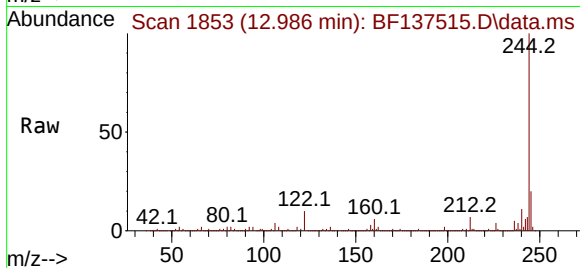
203 18.0 14.1 21.1



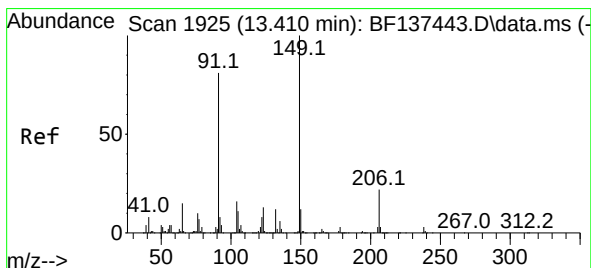
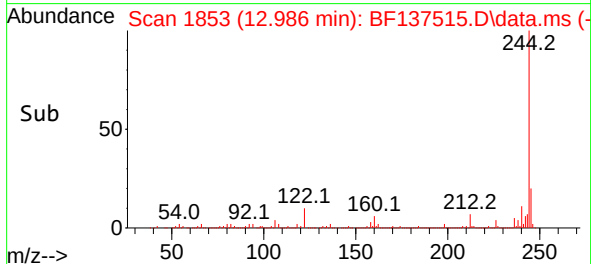
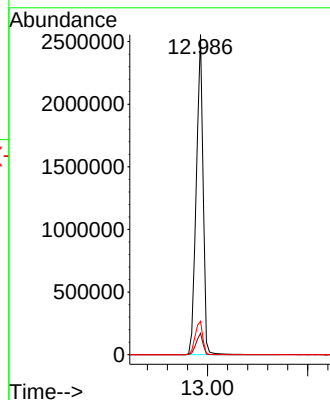


#79
 Terphenyl-d14
 Concen: 86.529 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

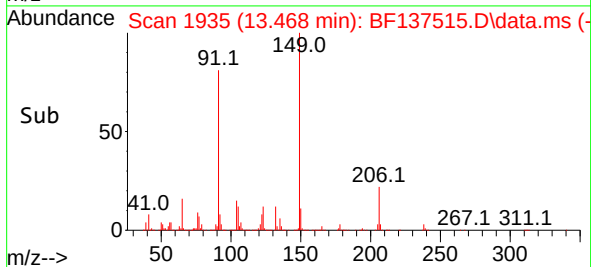
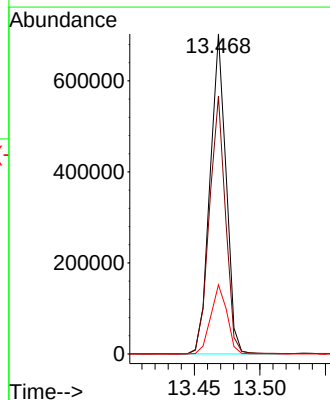
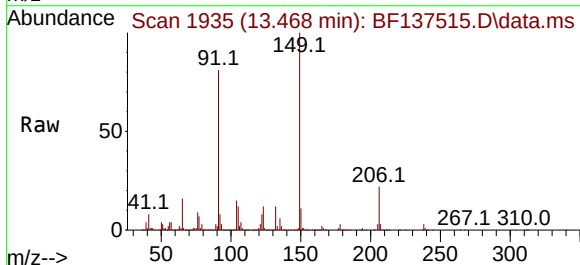


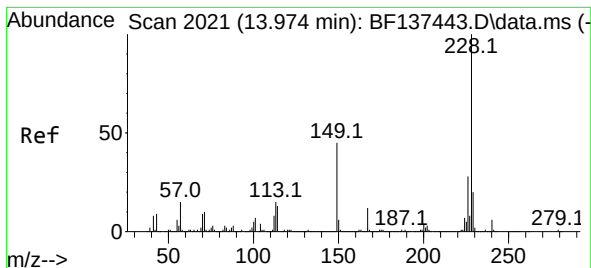
Tgt Ion:244 Resp: 2385107
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 63.073 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

Tgt Ion:149 Resp: 599083
 Ion Ratio Lower Upper
 149 100
 91 80.6 64.7 97.1
 206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 46.441 ng

RT: 14.033 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

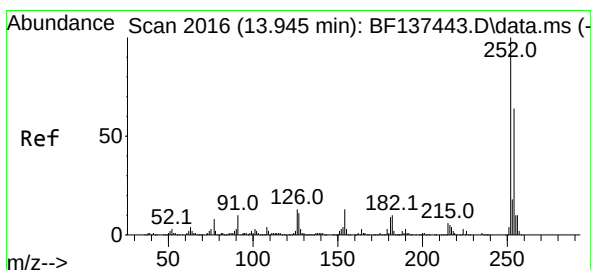
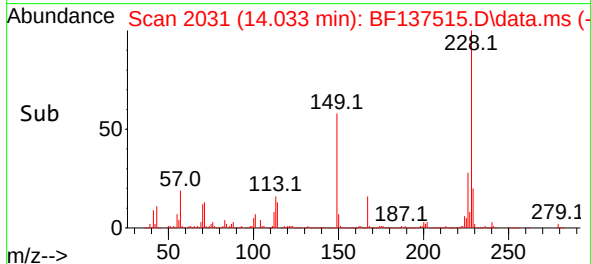
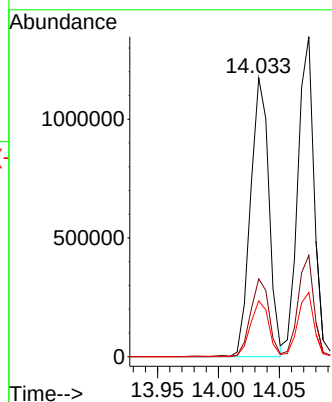
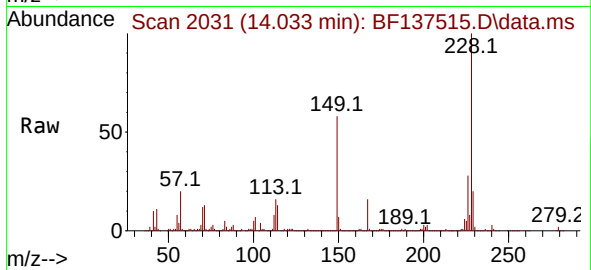
Tgt Ion:228 Resp: 1233753

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 37.158 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

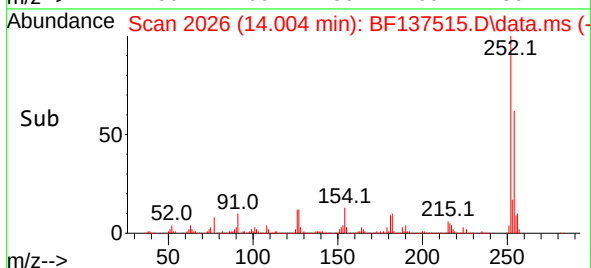
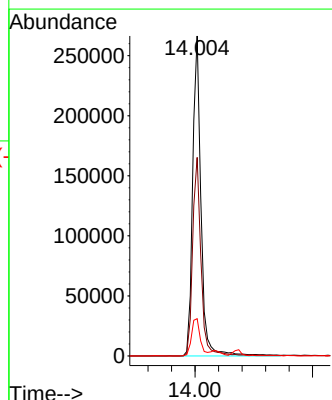
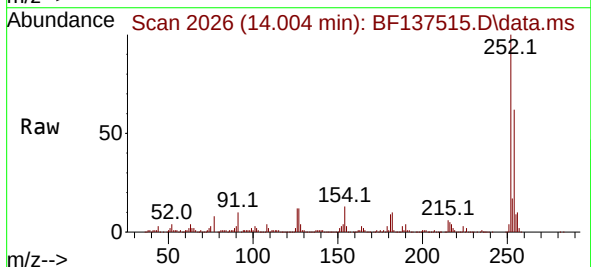
Tgt Ion:252 Resp: 262876

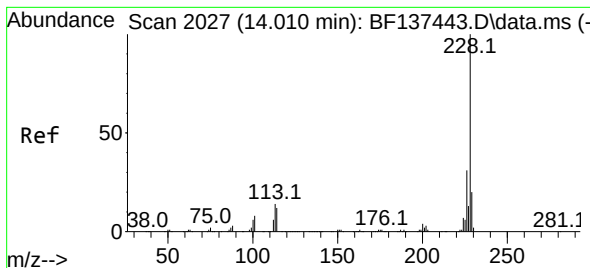
Ion Ratio Lower Upper

252 100

254 62.1 51.4 77.2

126 11.7 10.4 15.6





#83

Chrysene

Concen: 47.261 ng

RT: 14.074 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

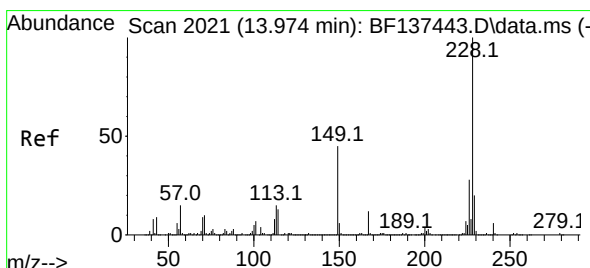
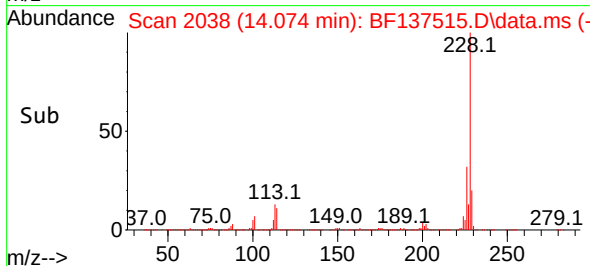
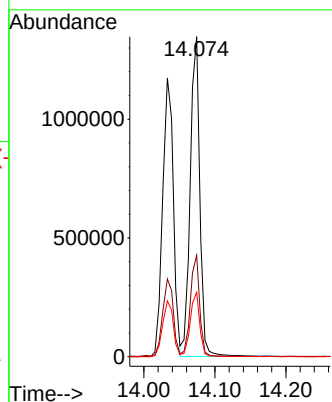
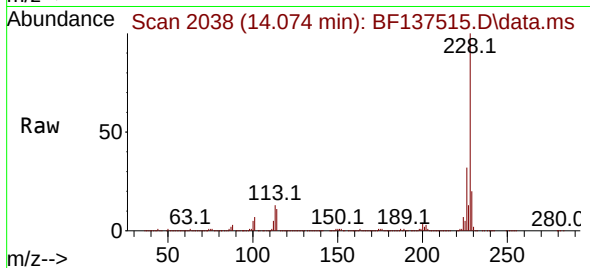
Tgt Ion:228 Resp: 1268980

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.137 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

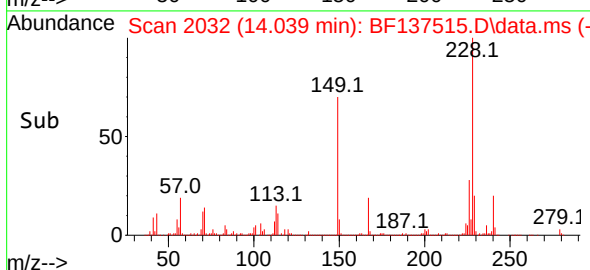
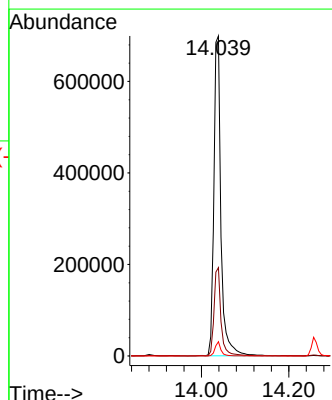
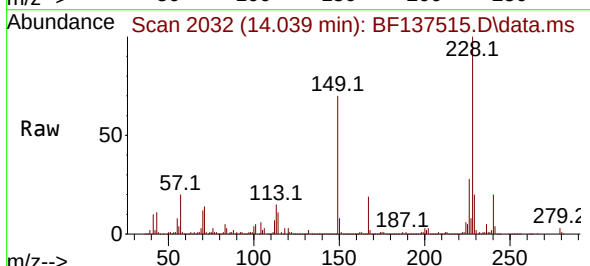
Tgt Ion:149 Resp: 786376

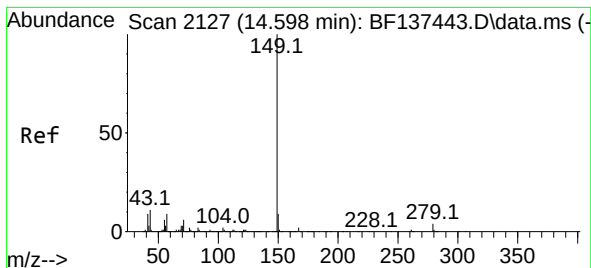
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 4.5 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 59.374 ng

RT: 14.662 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

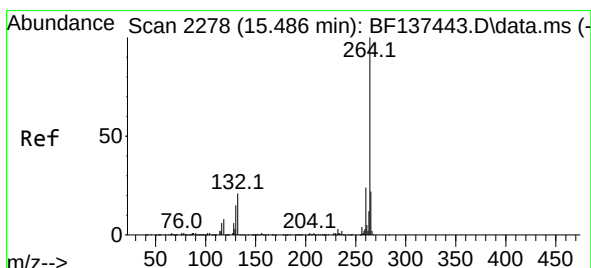
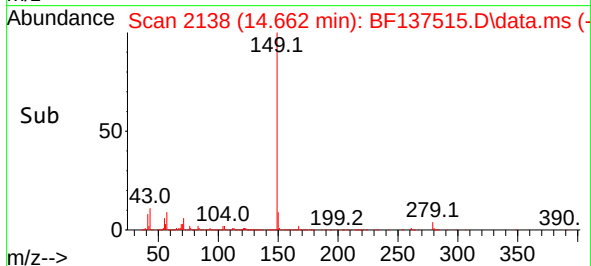
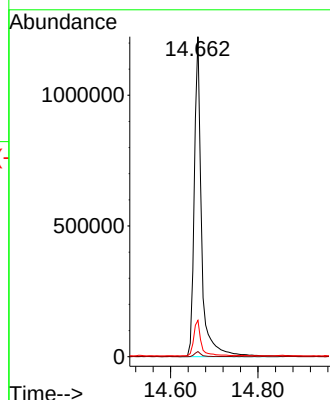
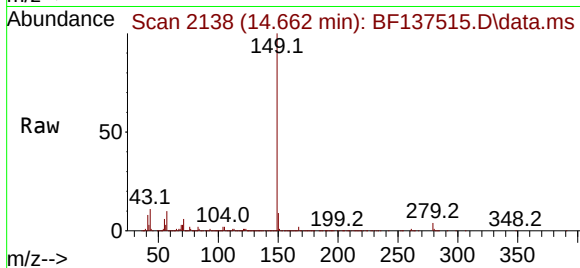
Tgt Ion:149 Resp: 1416462

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

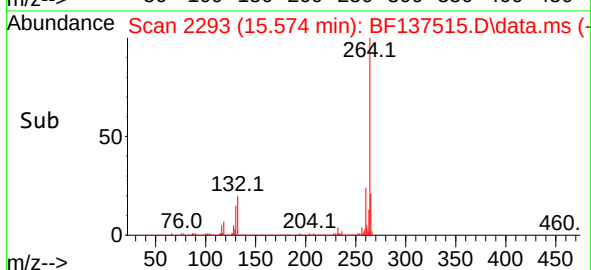
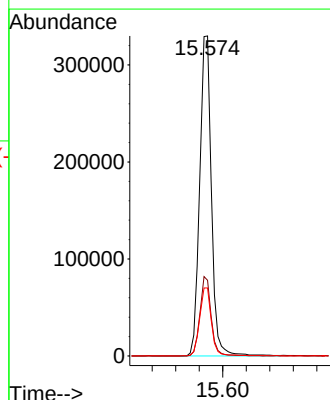
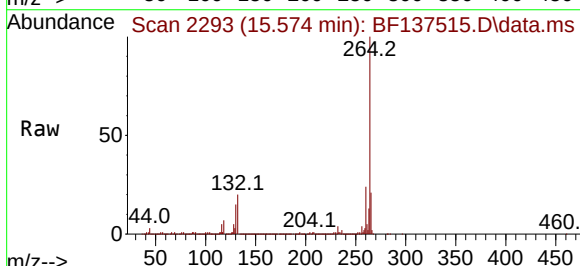
Tgt Ion:264 Resp: 457012

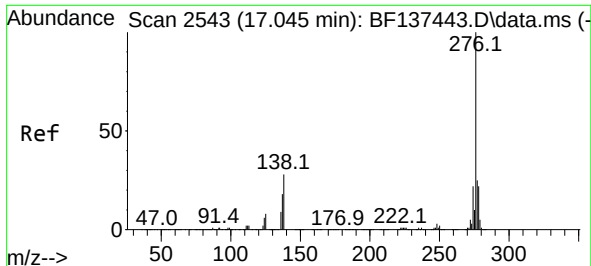
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.2 17.4 26.0

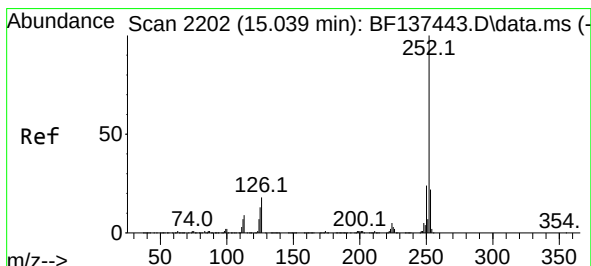
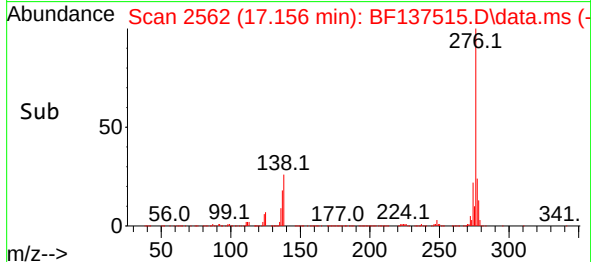
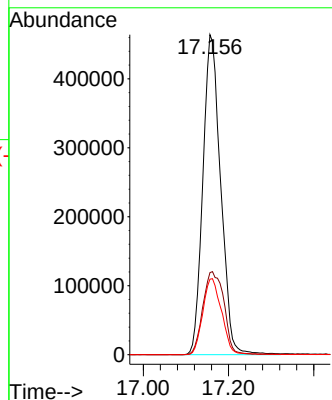
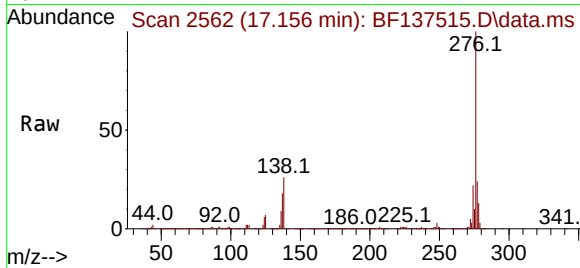




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.734 ng
 RT: 17.156 min Scan# 2116
 Delta R.T. -0.000 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

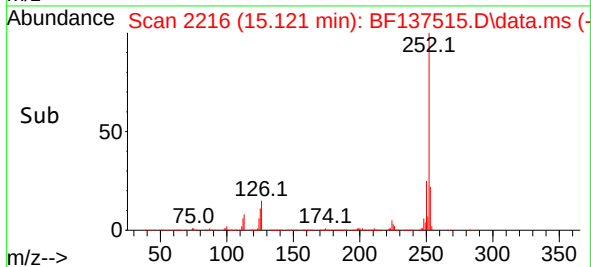
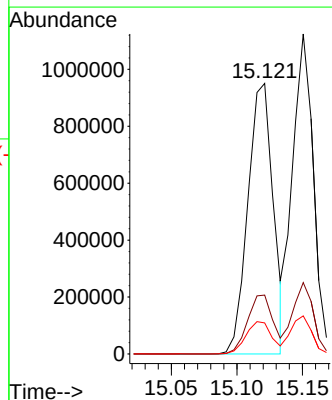
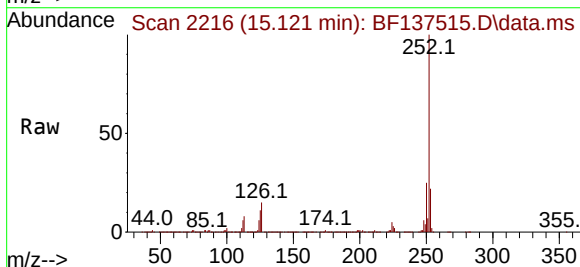
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

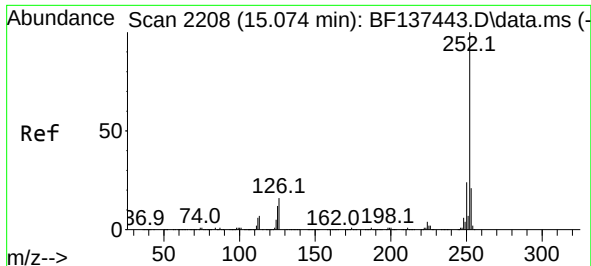
Tgt Ion:276 Resp: 1345342
 Ion Ratio Lower Upper
 276 100
 138 30.7 25.8 38.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.154 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.006 min
 Lab File: BF137515.D
 Acq: 06 Mar 2024 13:25

Tgt Ion:252 Resp: 1274773
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 11.5 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.565 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

Instrument :

BNA_F

ClientSampleId :

TP-1MS

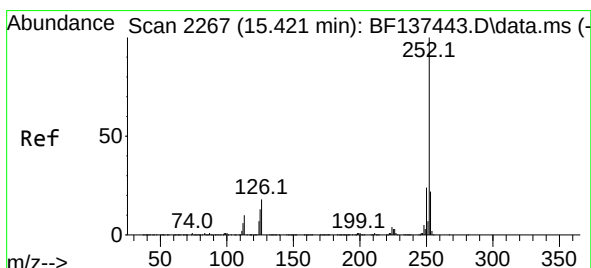
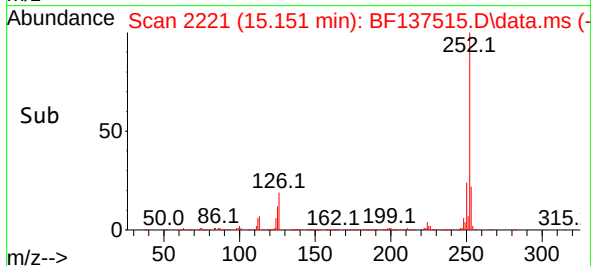
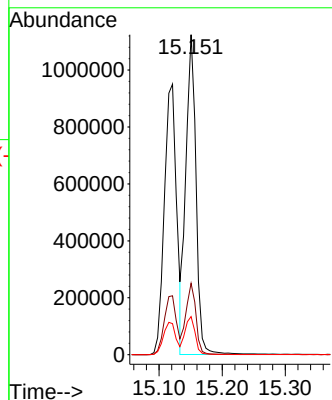
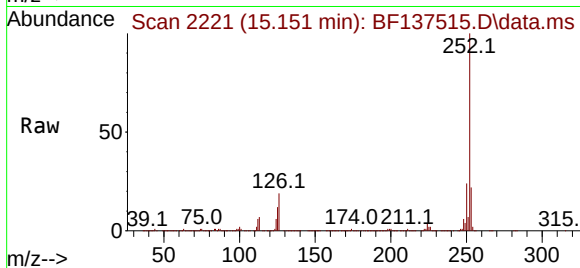
Tgt Ion:252 Resp: 1265012

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.9 9.6 14.4



#90

Benzo(a)pyrene

Concen: 45.918 ng

RT: 15.509 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF137515.D

Acq: 06 Mar 2024 13:25

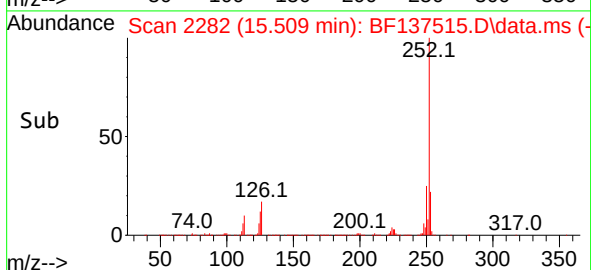
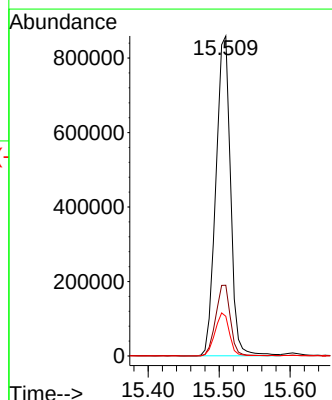
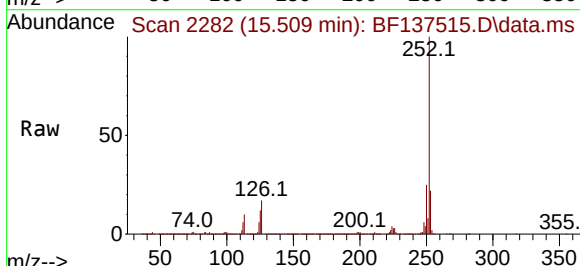
Tgt Ion:252 Resp: 1223287

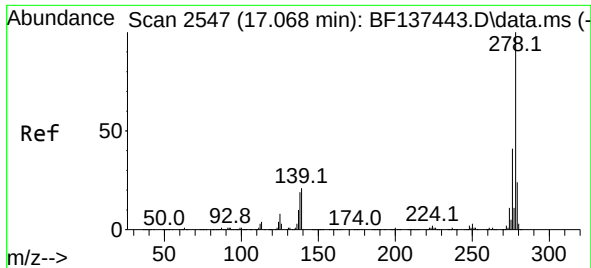
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 12.4 10.4 15.6

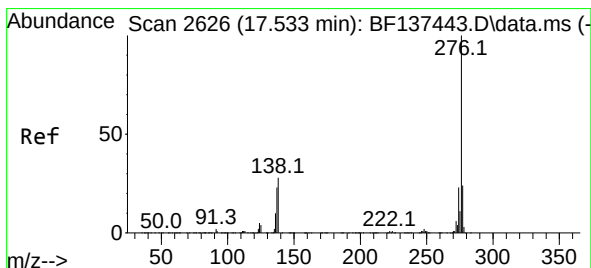
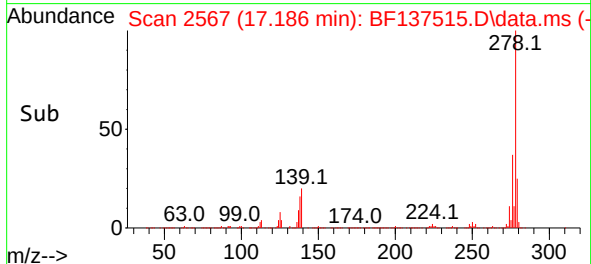
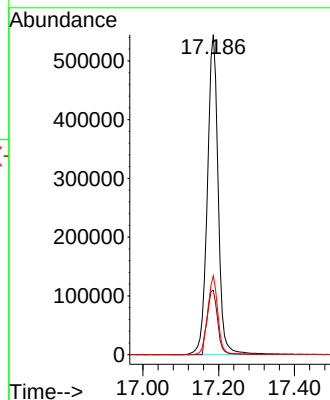
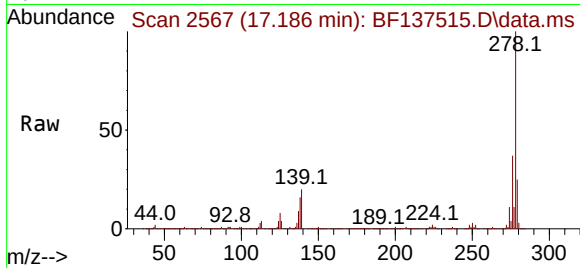




#91
Dibenzo(a,h)anthracene
Concen: 44.148 ng
RT: 17.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:278 Resp: 1077063
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 24.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 39.285 ng
RT: 17.645 min Scan# 2645
Delta R.T. 0.006 min
Lab File: BF137515.D
Acq: 06 Mar 2024 13:25

Tgt Ion:276 Resp: 984282
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 26.9 22.2 33.2

