

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137516.D
 Acq On : 06 Mar 2024 13:55
 Operator : CG\JU
 Sample : P1672-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Mar 06 14:24:15 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	6.863	152	223586	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	869933	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	468452	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	743154	20.000	ng	0.00
76) Chrysene-d12	14.051	240	373943	20.000	ng	0.00
86) Perylene-d12	15.580	264	463122	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1764655	119.535	ng	0.02
7) Phenol-d6	6.510	99	2288102	107.375	ng	0.00
23) Nitrobenzene-d5	7.428	82	1657955	88.553	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	544193	132.284	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2540067	84.878	ng	0.00
79) Terphenyl-d14	12.992	244	2309810	84.939	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.910	88	325316	40.302	ng	# 85
3) Pyridine	3.628	79	626534	32.183	ng	99
4) n-Nitrosodimethylamine	3.581	42	376190	47.727	ng	97
6) Aniline	6.534	93	337514	12.962	ng	# 81
8) 2-Chlorophenol	6.651	128	743821	47.770	ng	96
9) Benzaldehyde	6.422	77	220117	21.084	ng	98
10) Phenol	6.522	94	890547	38.827	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	796397	47.384	ng	98
12) 1,3-Dichlorobenzene	6.804	146	720968	43.331	ng	97
13) 1,4-Dichlorobenzene	6.881	146	740283	43.485	ng	99
14) 1,2-Dichlorobenzene	7.028	146	712360	45.590	ng	98
15) Benzyl Alcohol	7.010	79	701732	52.896	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1206776	41.770	ng	95
17) 2-Methylphenol	7.122	107	601714	41.298	ng	96
18) Hexachloroethane	7.363	117	254509	45.404	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	566072	43.018	ng	98
20) 3+4-Methylphenols	7.269	107	700057	41.953	ng	91
22) Acetophenone	7.269	105	974136	46.281	ng	# 97
24) Nitrobenzene	7.445	77	863084	45.889	ng	95
25) Isophorone	7.681	82	1636549	46.009	ng	98
26) 2-Nitrophenol	7.757	139	389788	52.201	ng	94
27) 2,4-Dimethylphenol	7.792	122	535991	38.416	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	969452	46.452	ng	99
29) 2,4-Dichlorophenol	7.998	162	620856	48.485	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	626748	46.511	ng	99
31) Naphthalene	8.157	128	2086597	44.705	ng	100
32) Benzoic acid	7.928	122	304900	39.266	ng	98
33) 4-Chloroaniline	8.210	127	78797	4.305	ng	98
34) Hexachlorobutadiene	8.269	225	356933	44.866	ng	100
35) Caprolactam	8.587	113	104344	24.031	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	669282	46.759	ng	99
37) 2-Methylnaphthalene	8.851	142	1290366	43.366	ng	99
38) 1-Methylnaphthalene	8.945	142	1202195	42.903	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	619098	47.339	ng	100
41) Hexachlorocyclopentadiene	8.998	237	474743	88.030	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	430438	50.542	ng	99

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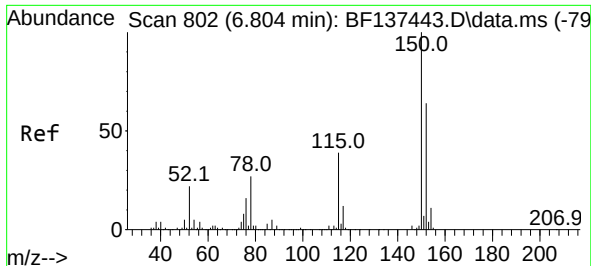
Quant Time: Mar 06 14:24:15 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	450476	45.918	ng	98
46) 1,1'-Biphenyl	9.316	154	1602161	46.729	ng	99
47) 2-Chloronaphthalene	9.339	162	1277327	48.864	ng	99
48) 2-Nitroaniline	9.439	65	454292	51.130	ng	94
49) Acenaphthylene	9.757	152	1977141	47.262	ng	100
50) Dimethylphthalate	9.628	163	1518099	46.554	ng	100
51) 2,6-Dinitrotoluene	9.686	165	331449	48.595	ng	96
52) Acenaphthene	9.928	154	1117232	44.734	ng	98
53) 3-Nitroaniline	9.857	138	146705	20.335	ng	91
54) 2,4-Dinitrophenol	9.963	184	256253	77.334	ng	96
55) Dibenzofuran	10.104	168	1678199	44.118	ng	100
56) 4-Nitrophenol	10.028	139	421595	82.017	ng	98
57) 2,4-Dinitrotoluene	10.092	165	406425	48.501	ng	93
58) Fluorene	10.451	166	1260641	43.153	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	360470	45.820	ng	93
60) Diethylphthalate	10.328	149	1395118	45.305	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	606782	42.381	ng	99
62) 4-Nitroaniline	10.481	138	269210	43.416	ng	95
63) Azobenzene	10.604	77	1604815	45.258	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	206625	49.886	ng	85
66) n-Nitrosodiphenylamine	10.563	169	1159829	48.466	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	396368	48.969	ng	97
68) Hexachlorobenzene	10.998	284	431589	52.792	ng	# 89
69) Atrazine	11.098	200	359653	49.438	ng	97
70) Pentachlorophenol	11.192	266	440498	89.131	ng	99
71) Phenanthrene	11.416	178	1863248	46.070	ng	99
72) Anthracene	11.469	178	1911040	46.007	ng	99
73) Carbazole	11.628	167	1671933	46.990	ng	99
74) Di-n-butylphthalate	11.963	149	2037825	48.139	ng	99
75) Fluoranthene	12.610	202	1677305	42.428	ng	99
77) Benzidine	12.751	184	70575	7.712	ng	98
78) Pyrene	12.839	202	1674796	45.644	ng	100
80) Butylbenzylphthalate	13.474	149	592816	63.263	ng	98
81) Benzo(a)anthracene	14.039	228	1254096	47.849	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	279127	39.992	ng	99
83) Chrysene	14.080	228	1280543	48.341	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	781640	65.627	ng	# 98
85) Di-n-octyl phthalate	14.669	149	1446510	61.262	ng	98
87) Indeno(1,2,3-cd)pyrene	17.174	276	1394269	45.749	ng	99
88) Benzo(b)fluoranthene	15.127	252	1404587	51.271	ng	99
89) Benzo(k)fluoranthene	15.163	252	1262857	42.917	ng	99
90) Benzo(a)pyrene	15.516	252	1301384	48.205	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	1117086	45.184	ng	98
92) Benzo(g,h,i)perylene	17.657	276	1021636	40.238	ng	99

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

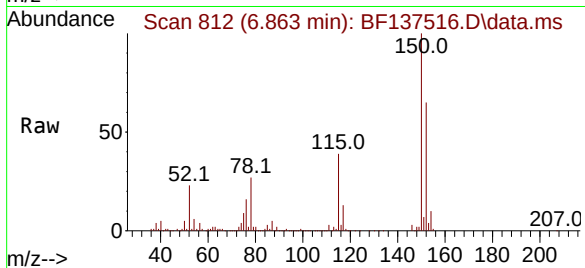
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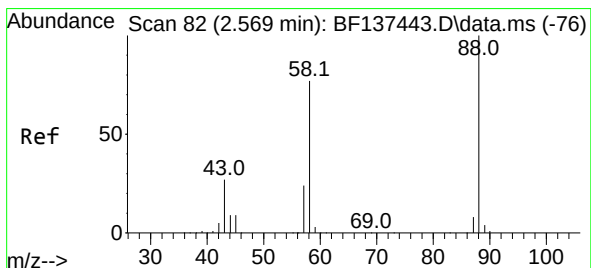
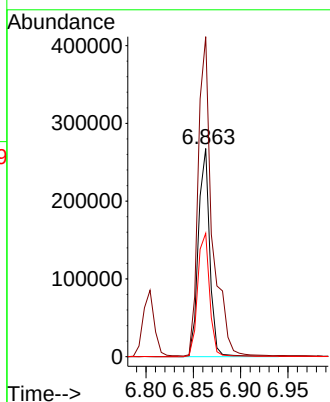
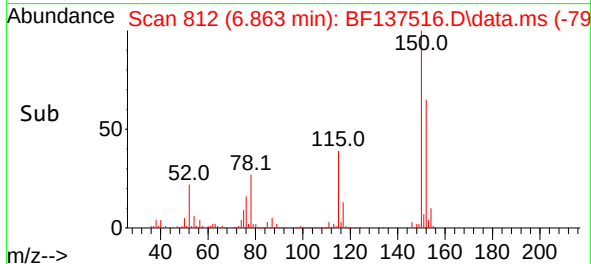


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

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BNA_F
ClientSampleId :
TP-1MSD

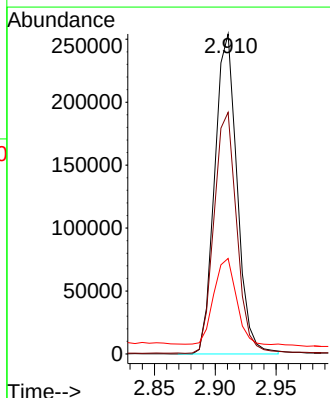
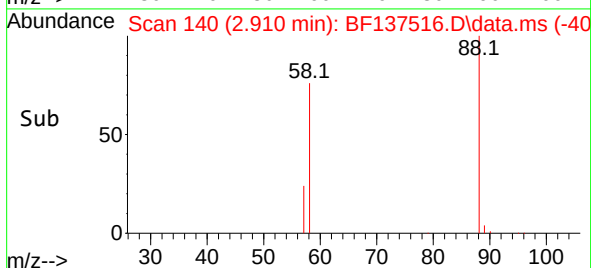
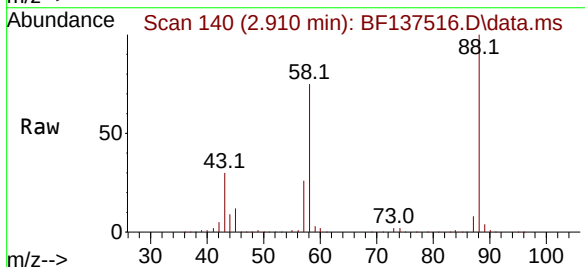


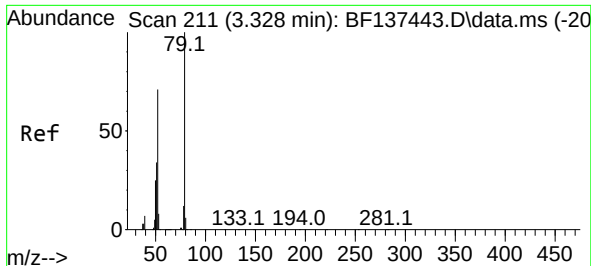
Tgt Ion:152 Resp: 223586
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 59.3 48.8 73.2



#2
1,4-Dioxane
Concen: 40.302 ng
RT: 2.910 min Scan# 140
Delta R.T. 0.235 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 88 Resp: 325316
Ion Ratio Lower Upper
88 100
58 76.4 61.8 92.8
43 0.0 22.2 33.4

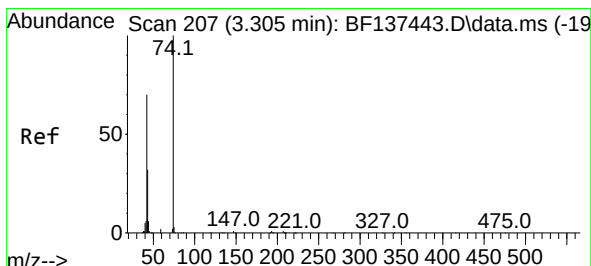
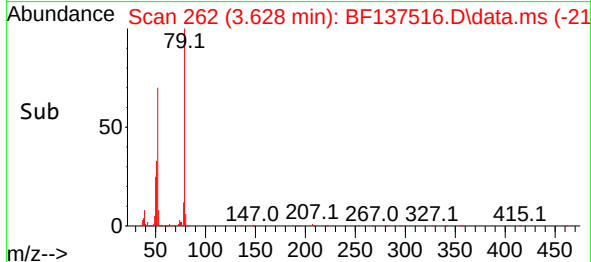
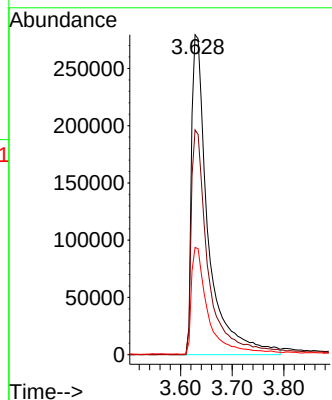
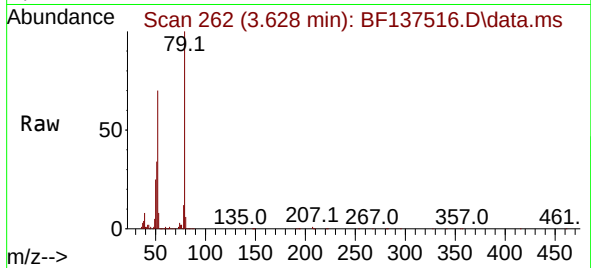




#3
Pyridine
Concen: 32.183 ng
RT: 3.628 min Scan# 211
Delta R.T. 0.165 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

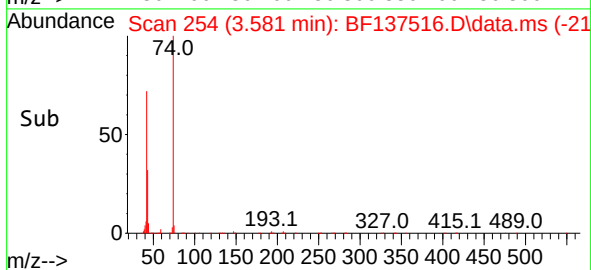
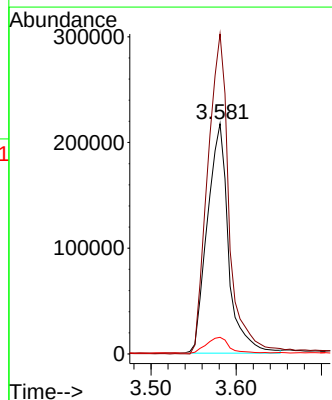
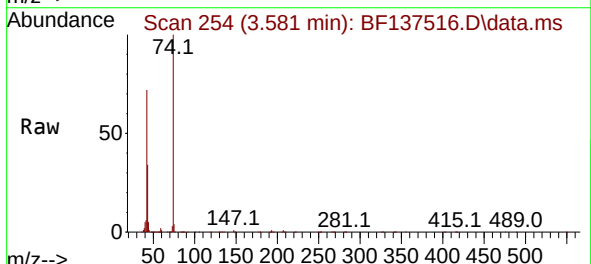
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

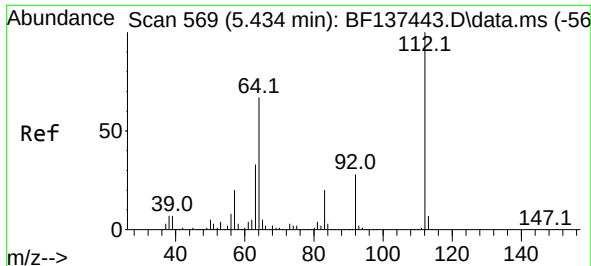
Tgt Ion: 79 Resp: 626534
Ion Ratio Lower Upper
79 100
52 70.2 57.0 85.4
51 33.5 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 47.727 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.135 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 42 Resp: 376190
Ion Ratio Lower Upper
42 100
74 139.0 114.0 171.0
44 7.2 7.0 10.4

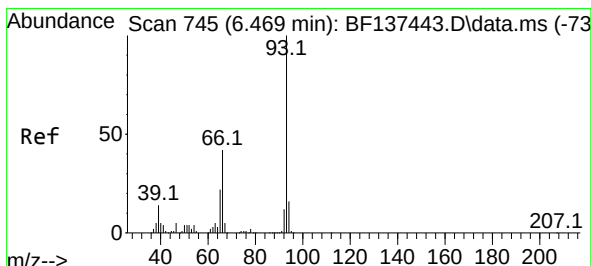
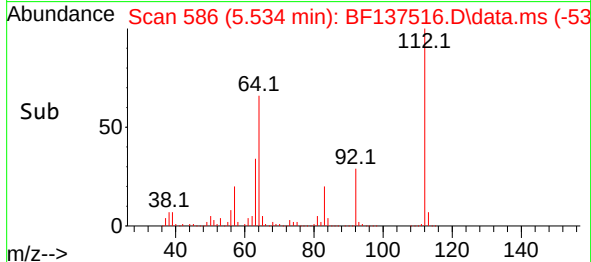
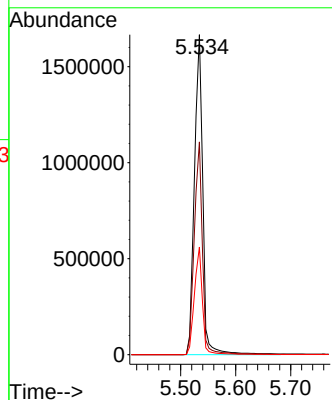
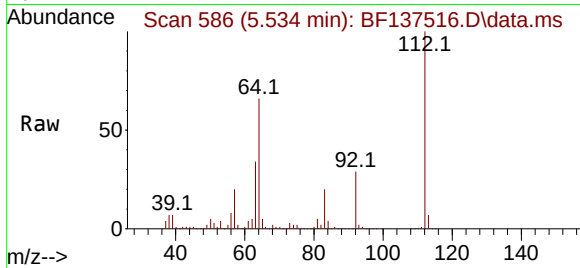




#5
2-Fluorophenol
Concen: 119.535 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

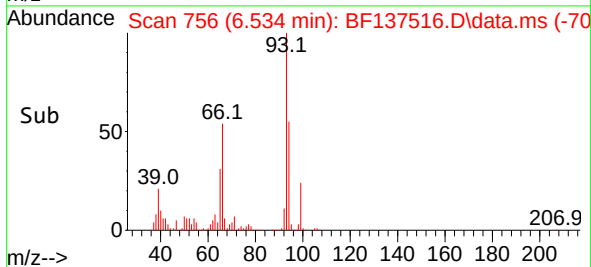
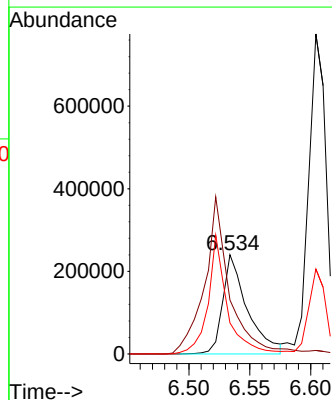
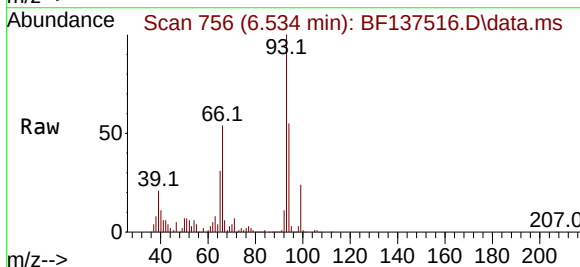
Instrument :
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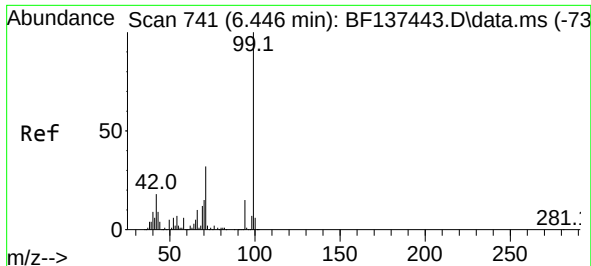
Tgt Ion:112 Resp: 1764655
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 33.6 26.2 39.2



#6
Aniline
Concen: 12.962 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 93 Resp: 337514
Ion Ratio Lower Upper
93 100
66 54.4 34.0 51.0#
65 31.3 17.8 26.8#



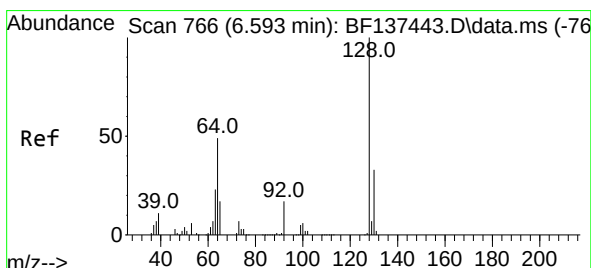
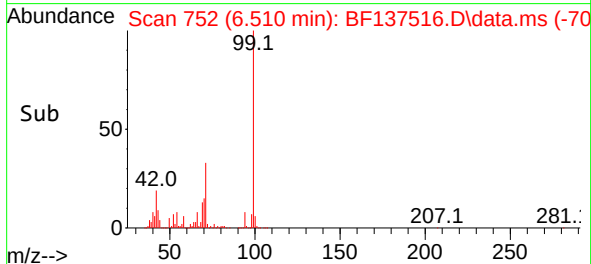
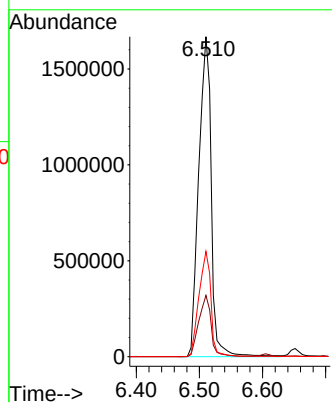
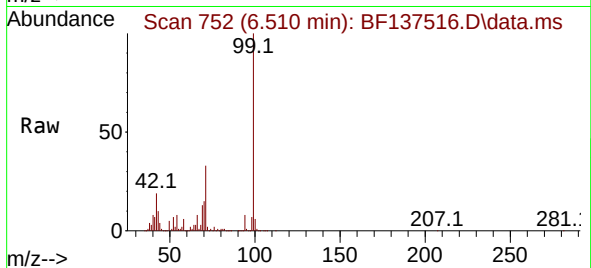


#7
Phenol-d6
Concen: 107.375 ng
RT: 6.510 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 99 Resp: 2288102

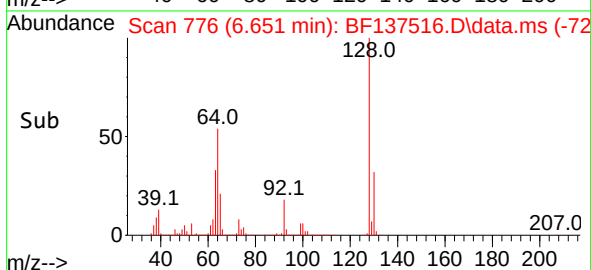
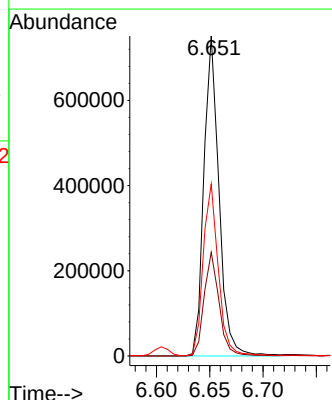
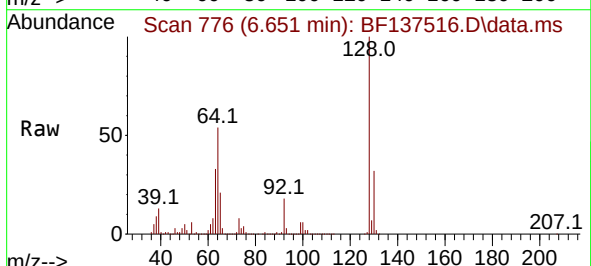
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.6	21.8
71	32.9	25.3	37.9

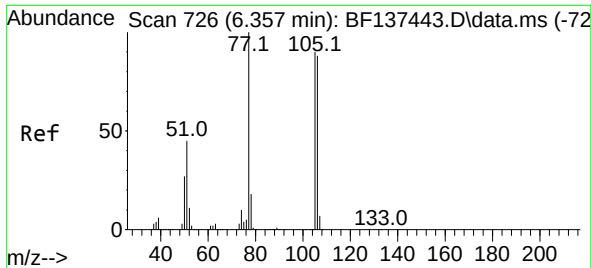


#8
2-Chlorophenol
Concen: 47.770 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 128 Resp: 743821

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.4	53.4
64	53.7	30.0	70.0





#9

Benzaldehyde

Concen: 21.084 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

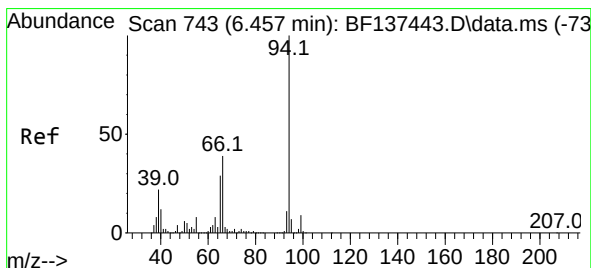
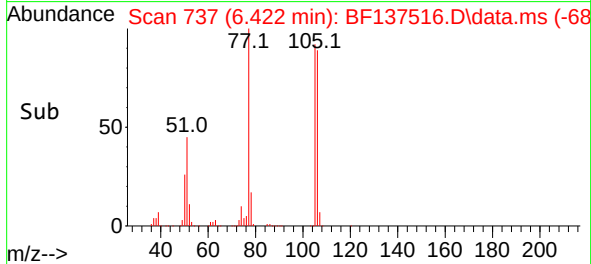
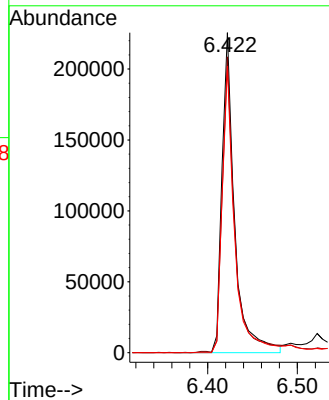
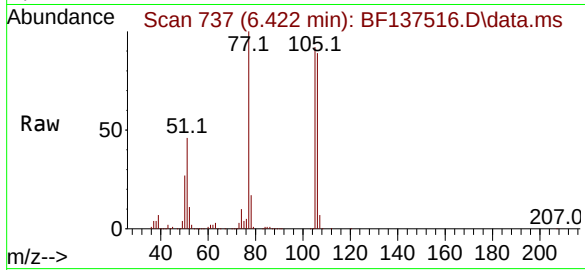
Tgt Ion: 77 Resp: 220117

Ion Ratio Lower Upper

77 100

105 92.4 69.8 109.8

106 89.4 67.8 107.8



#10

Phenol

Concen: 38.827 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

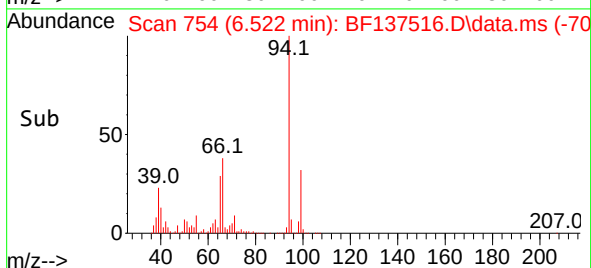
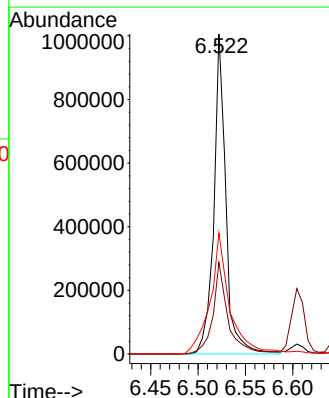
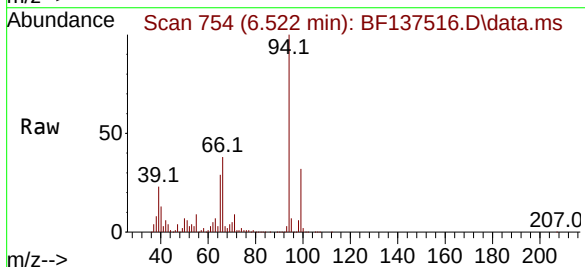
Tgt Ion: 94 Resp: 890547

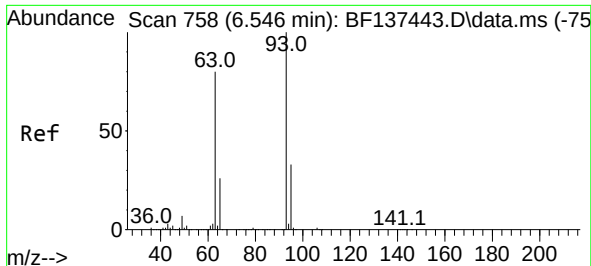
Ion Ratio Lower Upper

94 100

65 28.6 8.7 48.7

66 37.8 18.6 58.6

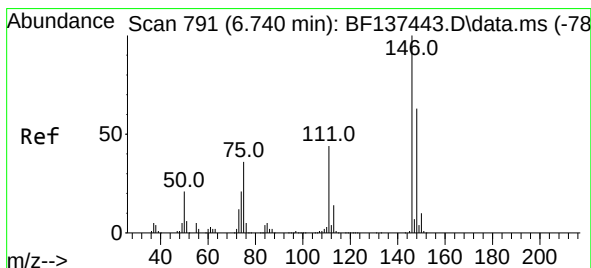
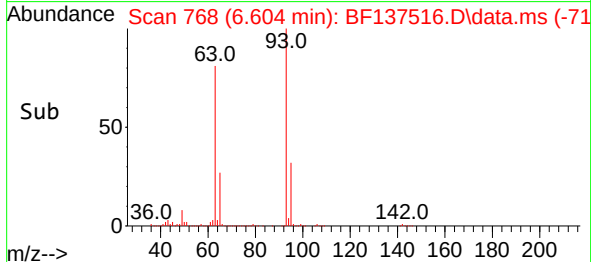
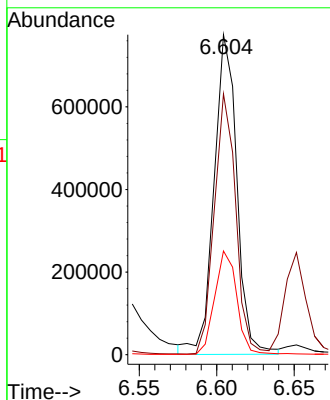
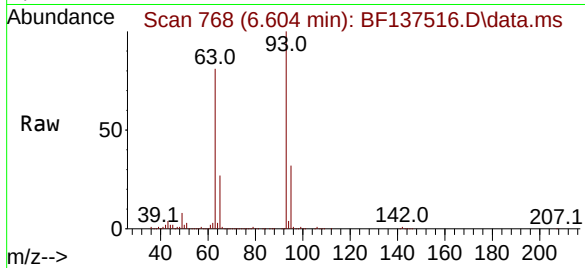




#11
bis(2-Chloroethyl)ether
Concen: 47.384 ng
RT: 6.604 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

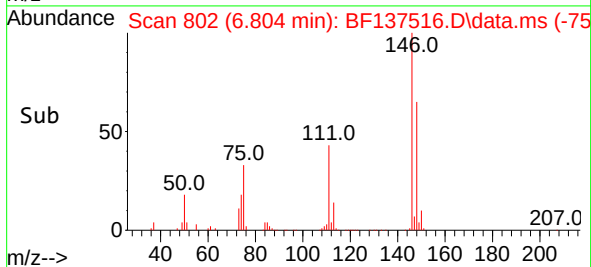
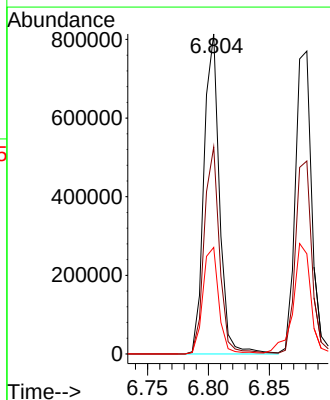
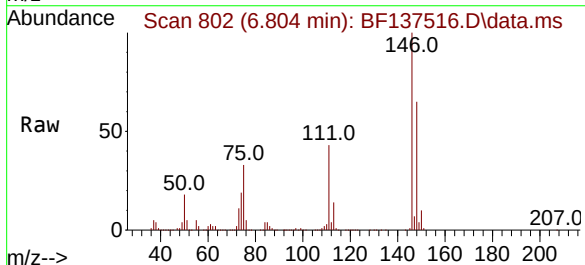
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

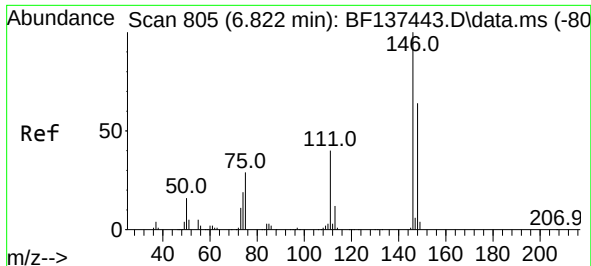
Tgt Ion: 93 Resp: 796397
Ion Ratio Lower Upper
93 100
63 81.5 58.9 98.9
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 43.331 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 146 Resp: 720968
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
75 33.3 29.0 43.4

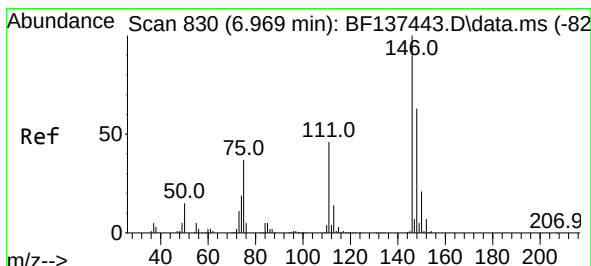
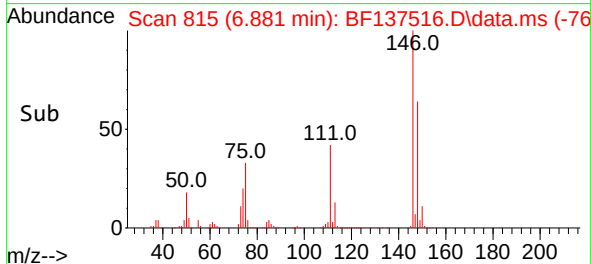
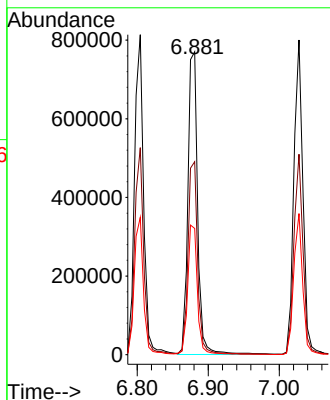
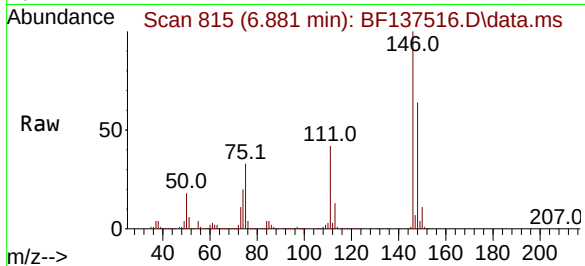




#13
1,4-Dichlorobenzene
Concen: 43.485 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

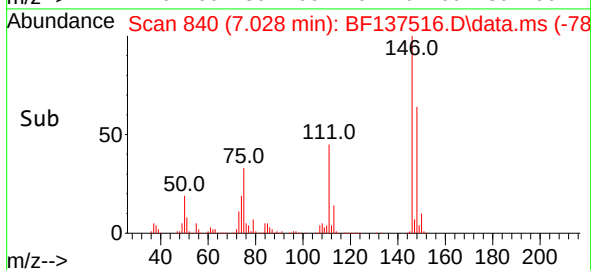
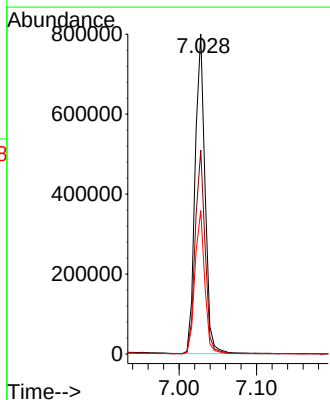
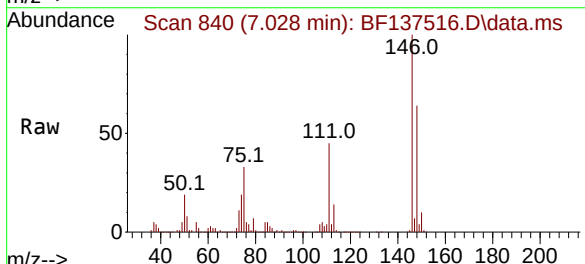
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

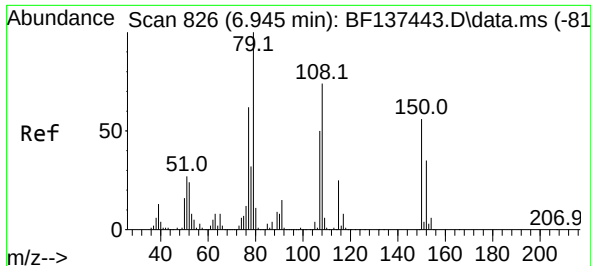
Tgt Ion:146 Resp: 740283
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 41.7 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 45.590 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:146 Resp: 712360
Ion Ratio Lower Upper
146 100
148 63.7 50.0 75.0
111 44.8 36.8 55.2

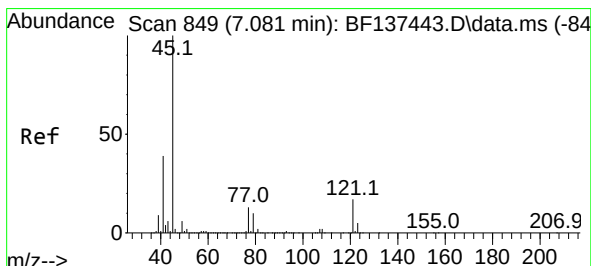
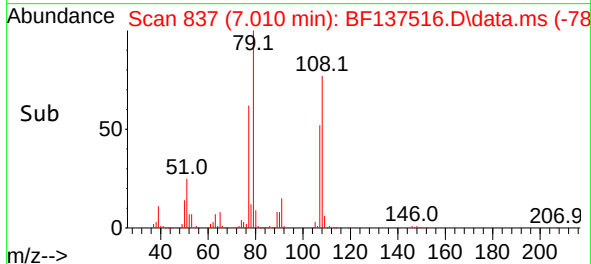
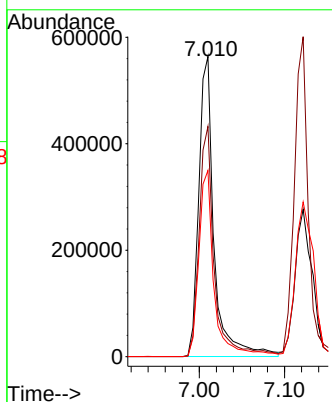
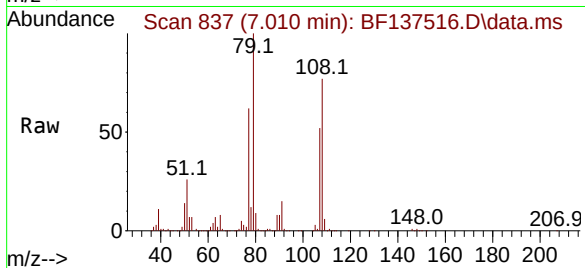




#15
Benzyl Alcohol
Concen: 52.896 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

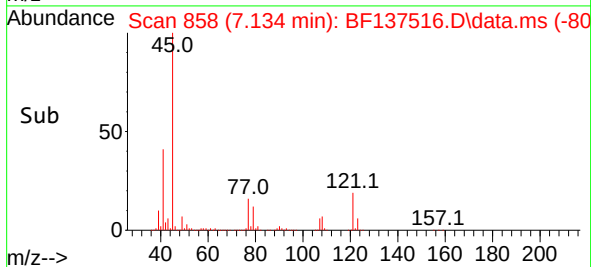
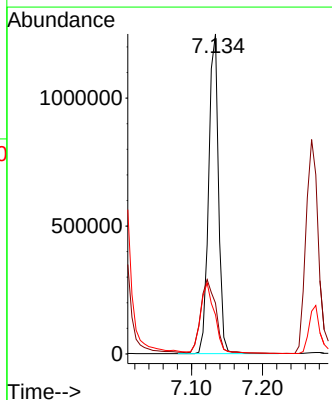
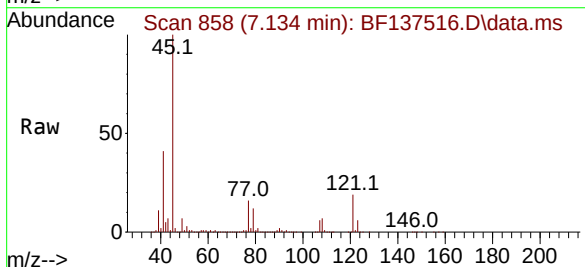
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

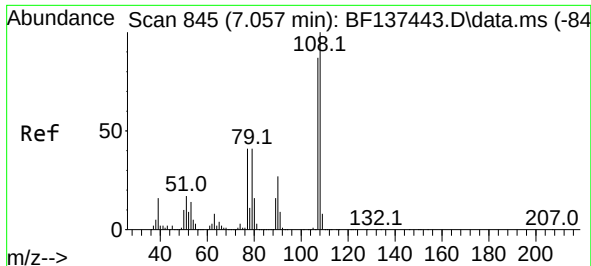
Tgt Ion: 79 Resp: 701732
Ion Ratio Lower Upper
79 100
108 76.7 59.5 89.3
77 62.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.770 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 45 Resp: 1206776
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.4
79 12.2 0.0 30.9





#17

2-Methylphenol

Concen: 41.298 ng

RT: 7.122 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:107 Resp: 601714

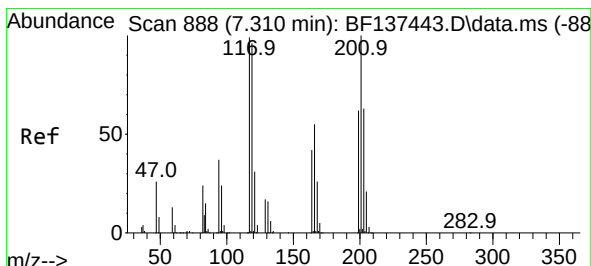
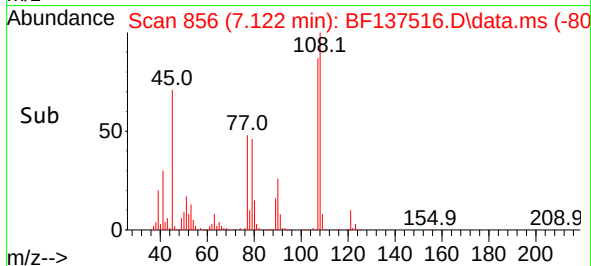
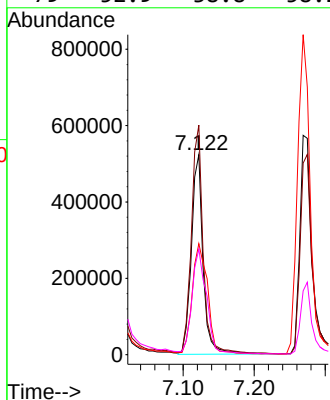
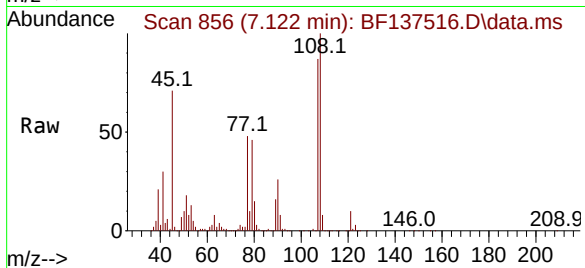
Ion Ratio Lower Upper

107 100

108 114.8 92.2 138.4

77 55.5 38.6 57.8

79 52.9 38.8 58.2



#18

Hexachloroethane

Concen: 45.404 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

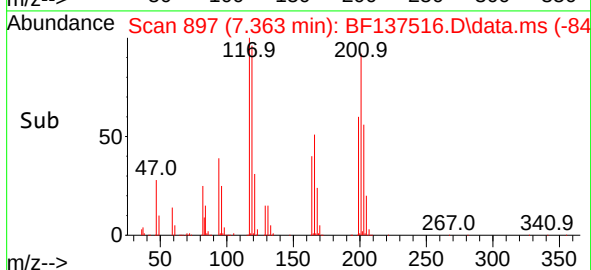
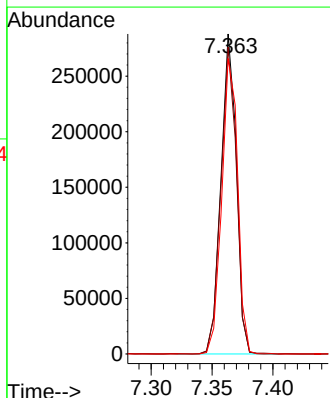
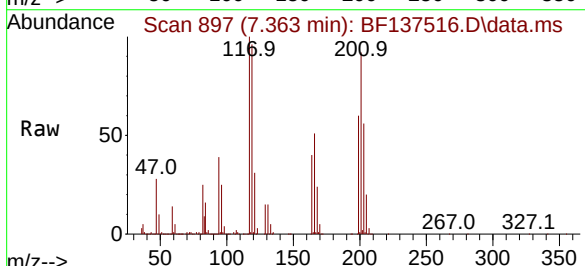
Tgt Ion:117 Resp: 254509

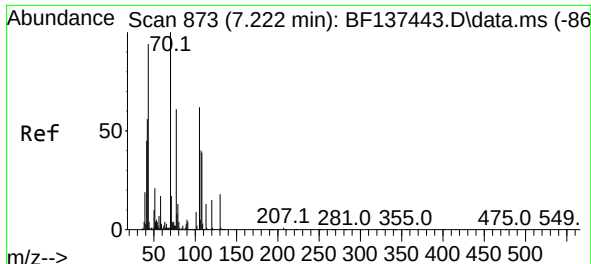
Ion Ratio Lower Upper

117 100

119 95.9 77.5 116.3

201 92.3 80.6 121.0

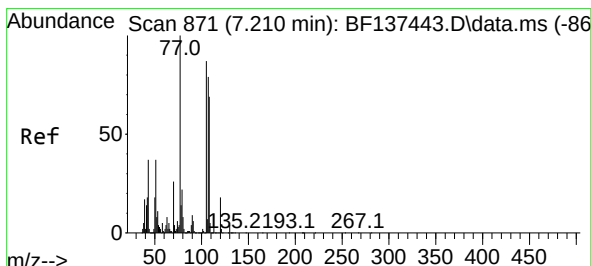
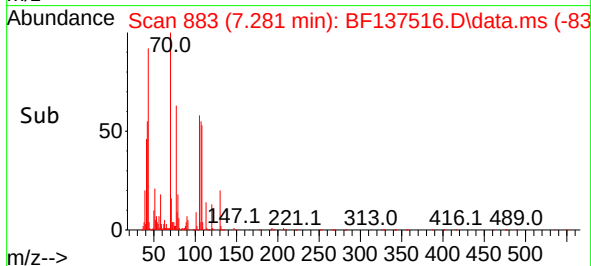
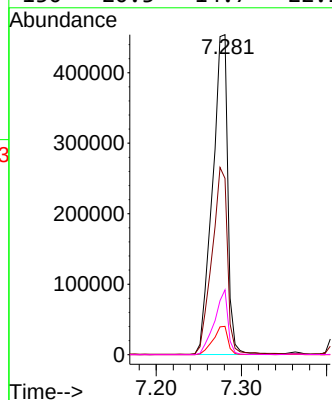
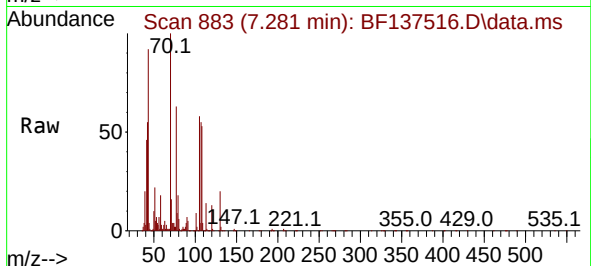




#19
n-Nitroso-di-n-propylamine
Concen: 43.018 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

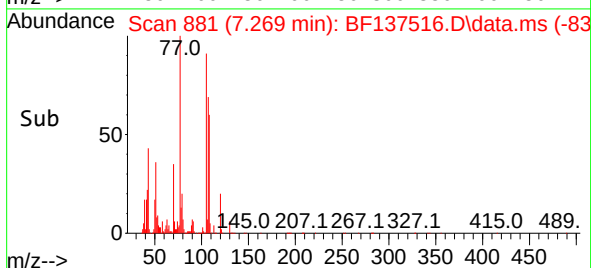
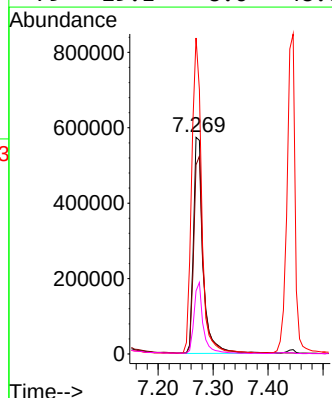
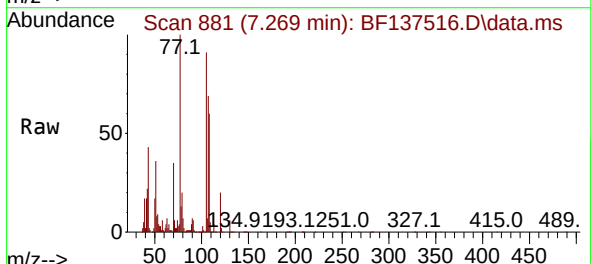
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

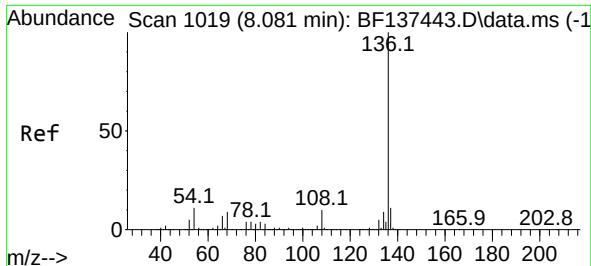
Tgt Ion: 70 Resp: 566072
Ion Ratio Lower Upper
70 100
42 55.1 45.2 67.8
101 8.8 7.3 10.9
130 20.3 14.7 22.1



#20
3+4-Methylphenols
Concen: 41.953 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 107 Resp: 700057
Ion Ratio Lower Upper
107 100
108 87.3 67.6 107.6
77 145.8 107.1 147.1
79 29.1 8.6 48.6



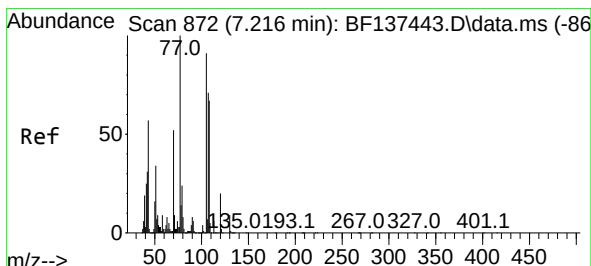
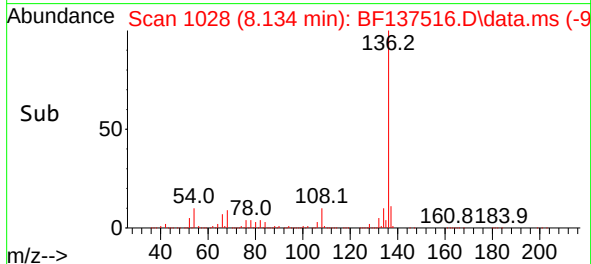
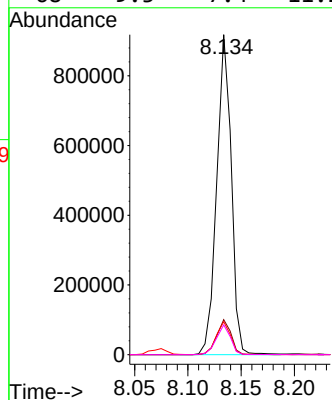
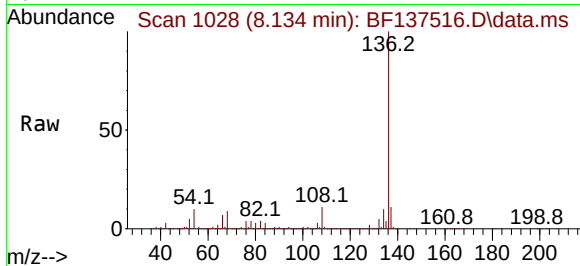


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:136 Resp: 869933

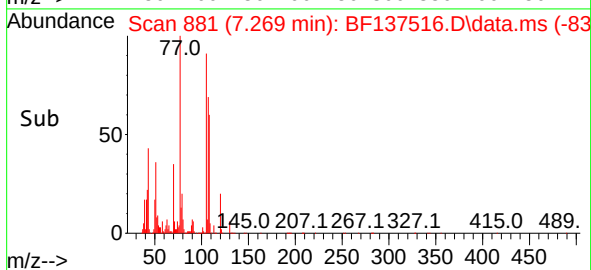
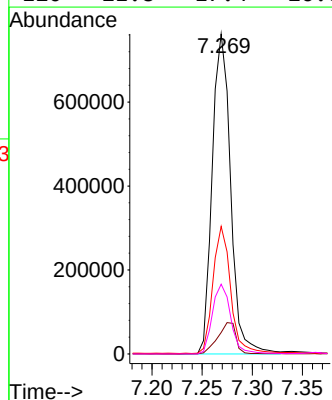
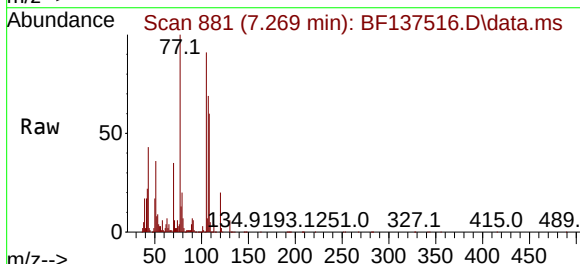
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.3	8.5	12.7
68	9.3	7.4	11.2

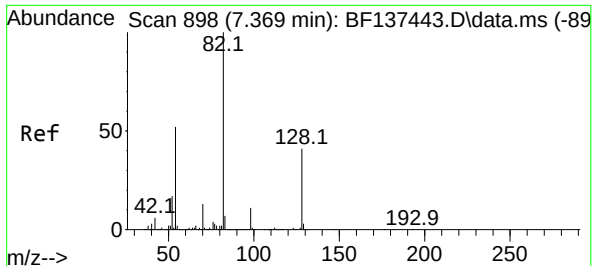


#22
Acetophenone
Concen: 46.281 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:105 Resp: 974136

Ion	Ratio	Lower	Upper
105	100		
71	6.7	7.7	11.5#
51	39.8	30.4	45.6
120	21.8	17.4	26.0

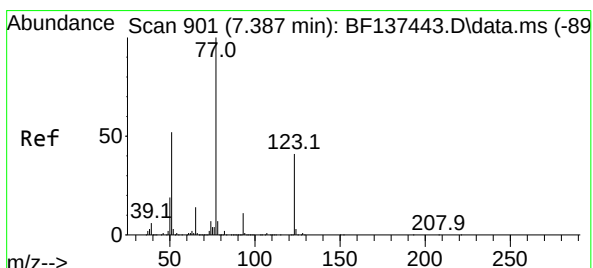
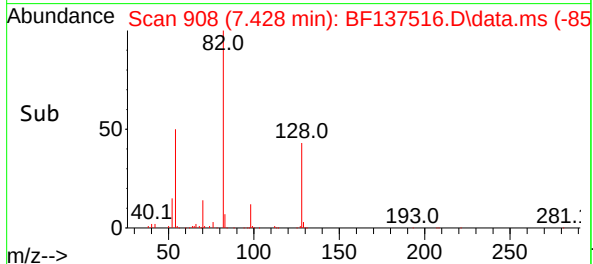
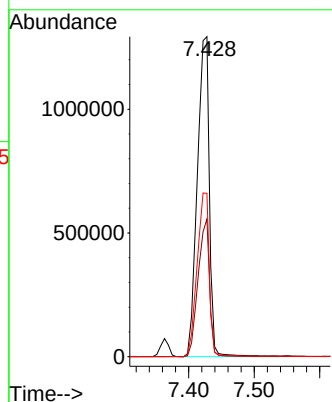
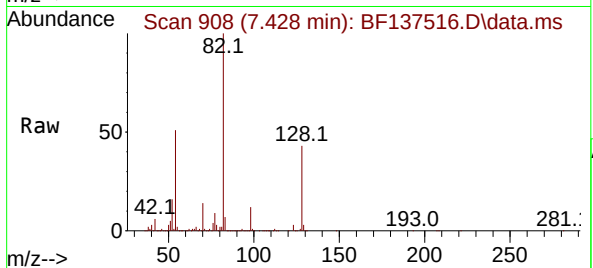




#23
Nitrobenzene-d5
Concen: 88.553 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

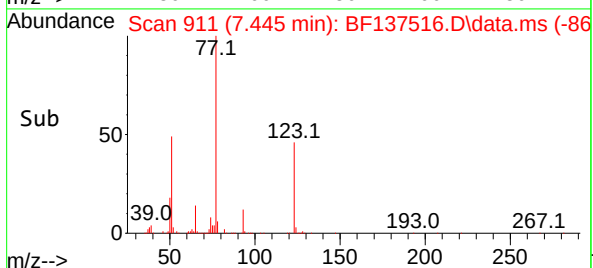
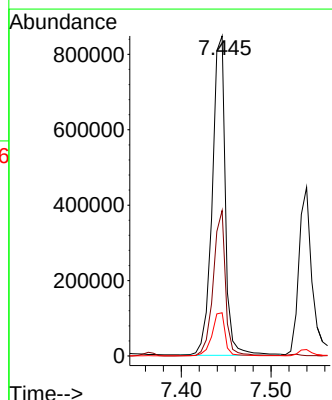
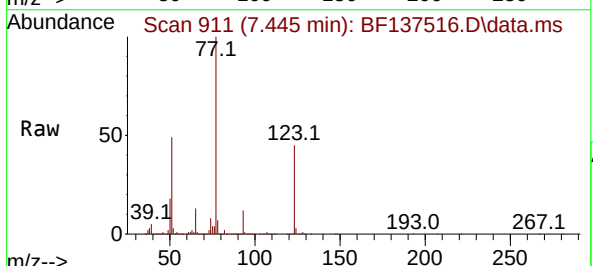
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

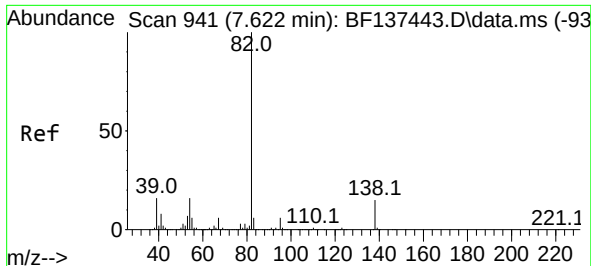
Tgt Ion: 82 Resp: 1657955
Ion Ratio Lower Upper
82 100
128 43.0 32.5 48.7
54 51.1 41.5 62.3



#24
Nitrobenzene
Concen: 45.889 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion: 77 Resp: 863084
Ion Ratio Lower Upper
77 100
123 45.5 33.0 49.6
65 13.5 10.9 16.3

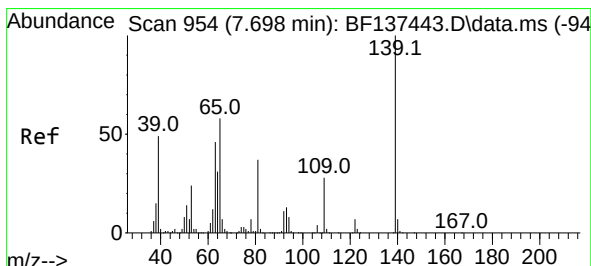
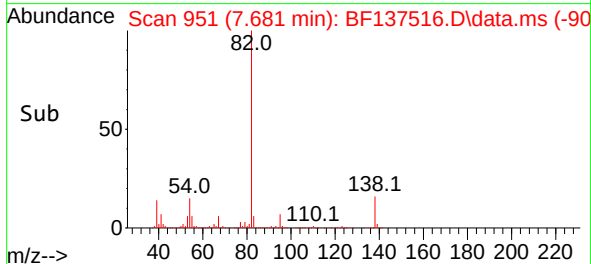
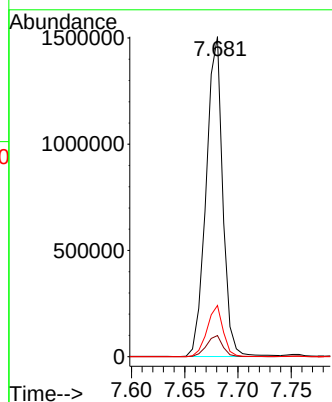
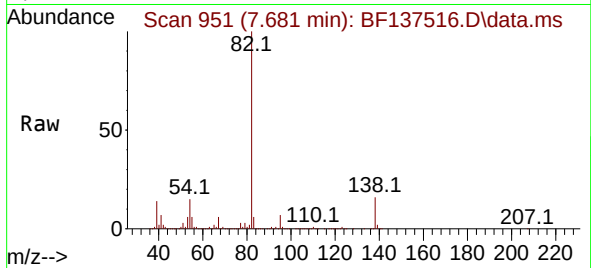




#25
Isophorone
Concen: 46.009 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

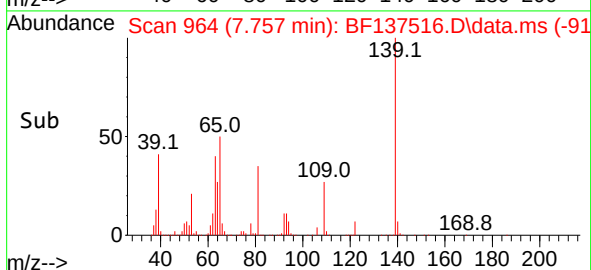
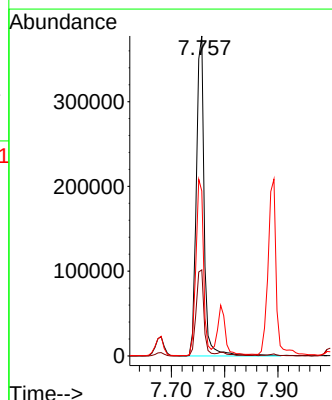
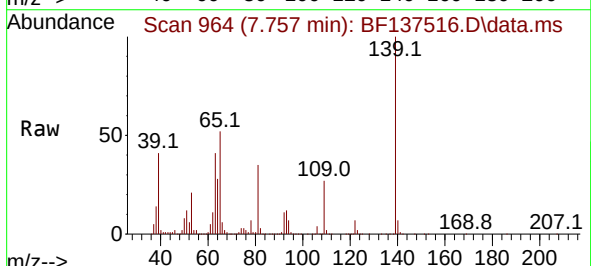
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

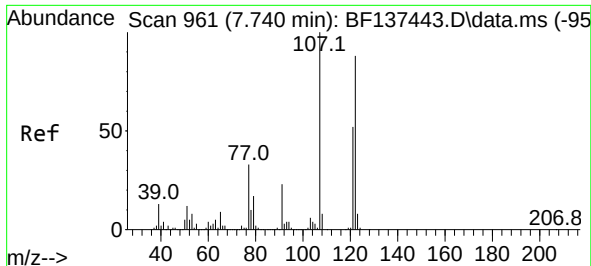
Tgt Ion: 82 Resp: 1636549
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.0 11.8 17.8



#26
2-Nitrophenol
Concen: 52.201 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:139 Resp: 389788
Ion Ratio Lower Upper
139 100
109 26.9 22.2 33.4
65 51.5 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.416 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

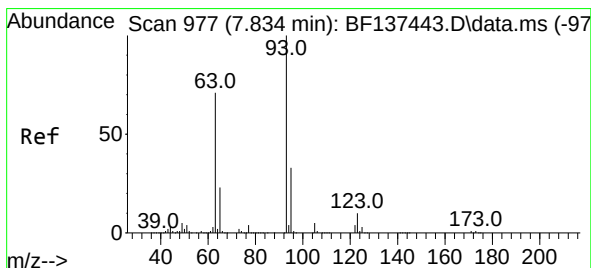
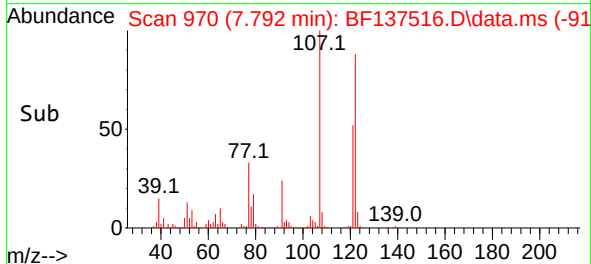
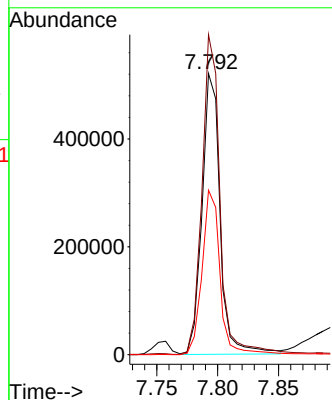
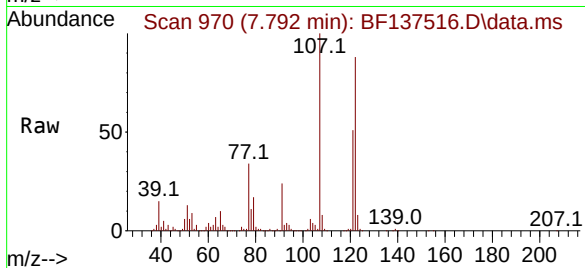
Tgt Ion:122 Resp: 535991

Ion Ratio Lower Upper

122 100

107 113.9 90.9 136.3

121 58.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.452 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

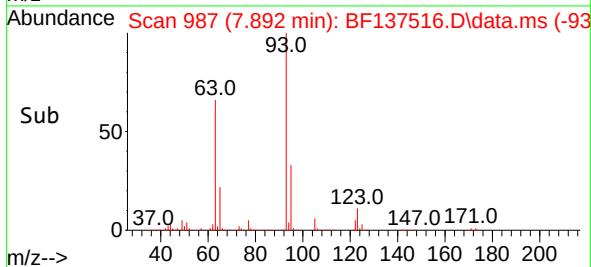
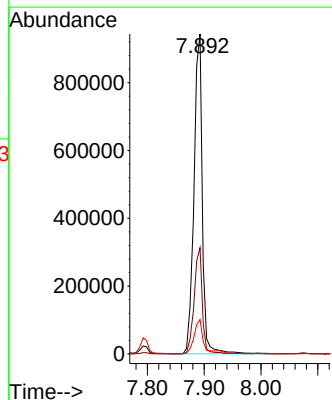
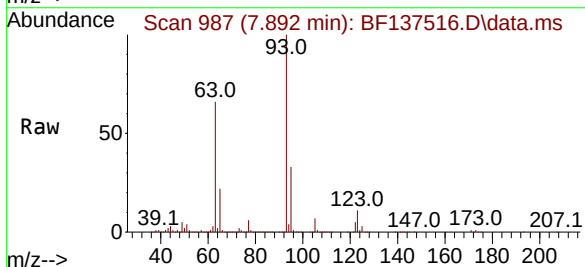
Tgt Ion: 93 Resp: 969452

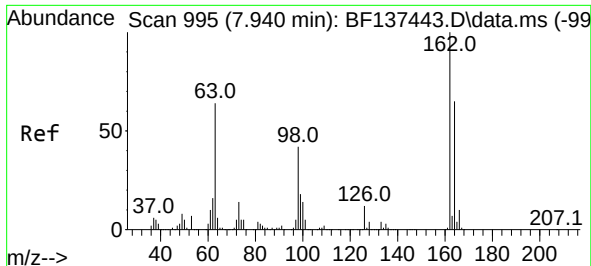
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 10.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 48.485 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

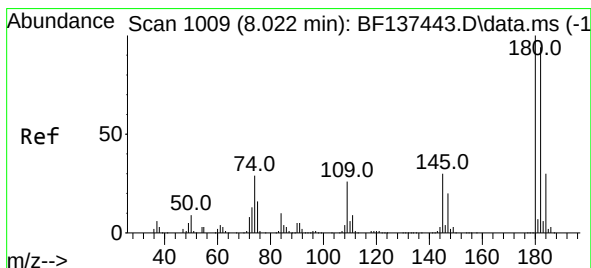
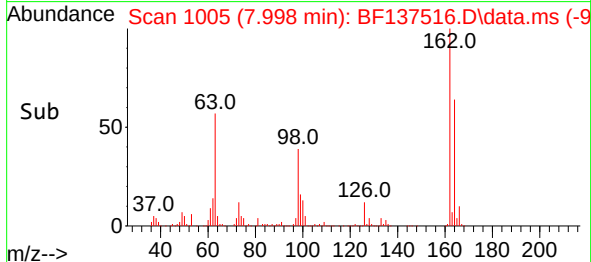
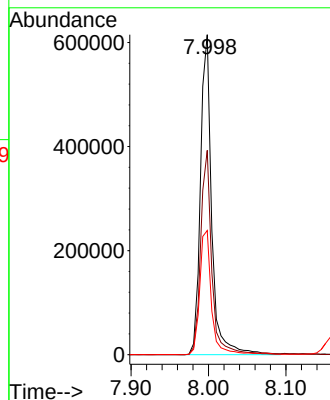
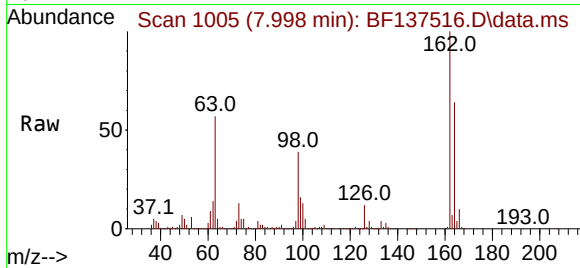
Tgt Ion:162 Resp: 620856

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 38.8 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.511 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

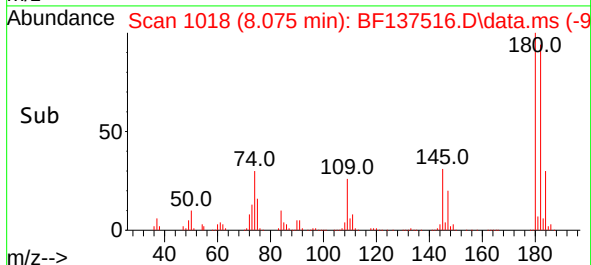
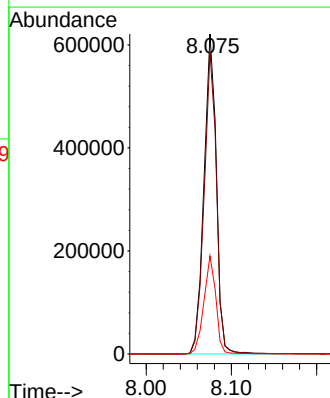
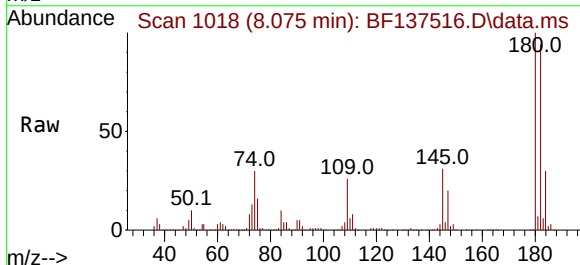
Tgt Ion:180 Resp: 626748

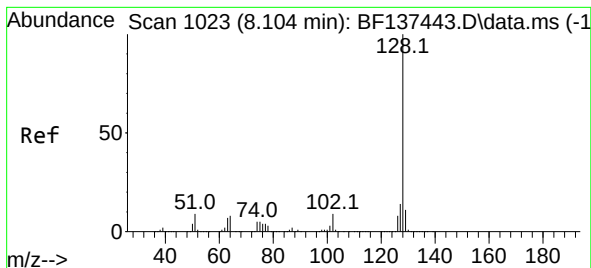
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

145 30.7 23.7 35.5





#31

Naphthalene

Concen: 44.705 ng

RT: 8.157 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

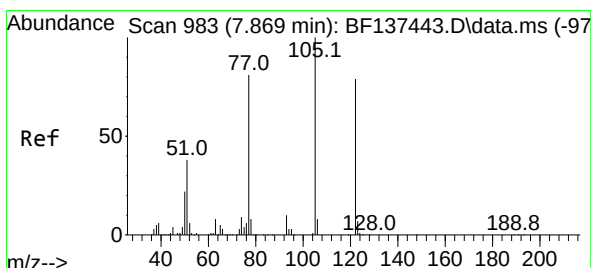
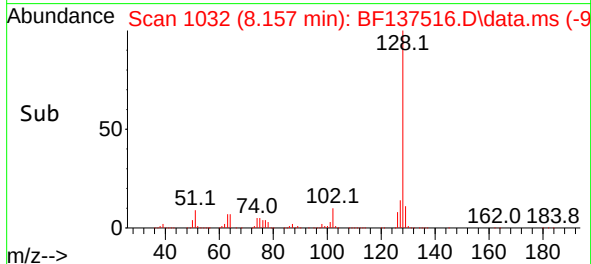
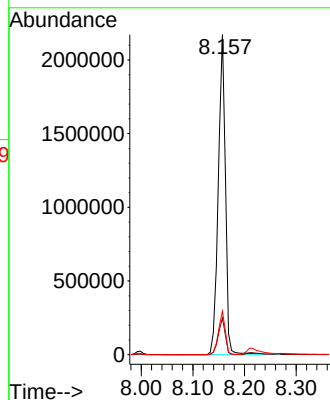
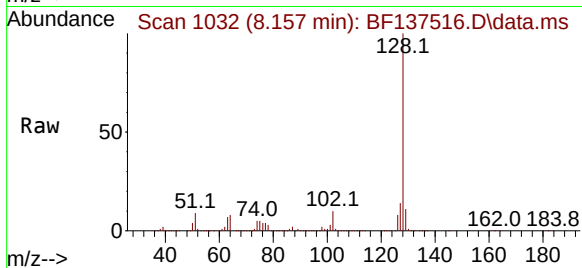
Tgt Ion:128 Resp: 2086597

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 39.266 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

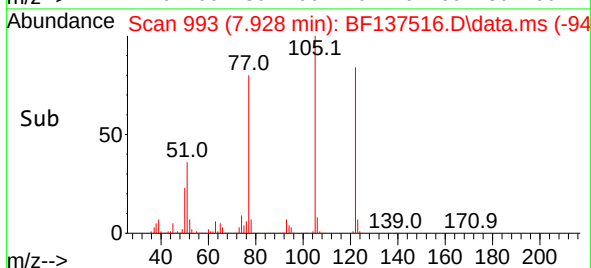
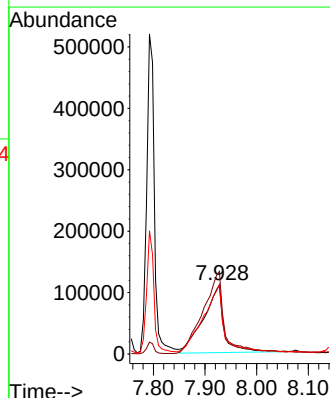
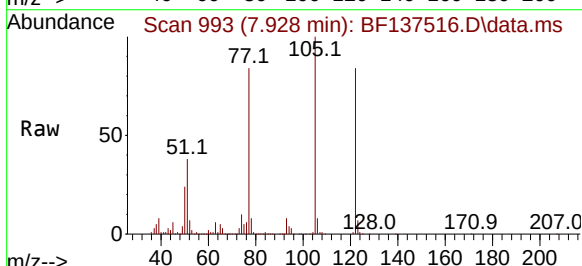
Tgt Ion:122 Resp: 304900

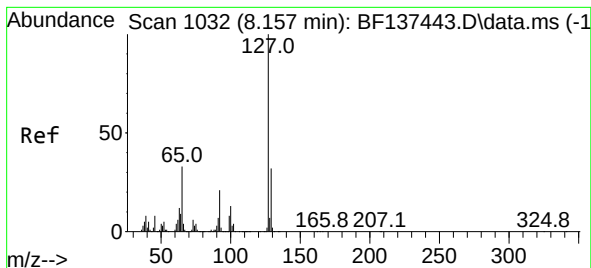
Ion Ratio Lower Upper

122 100

105 119.3 102.4 142.4

77 99.8 81.1 121.1





#33

4-Chloroaniline

Concen: 4.305 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 78797

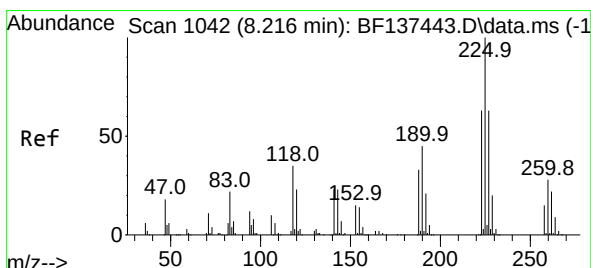
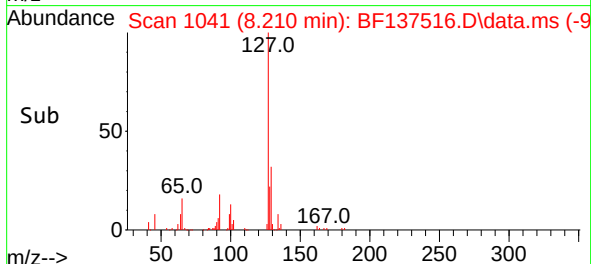
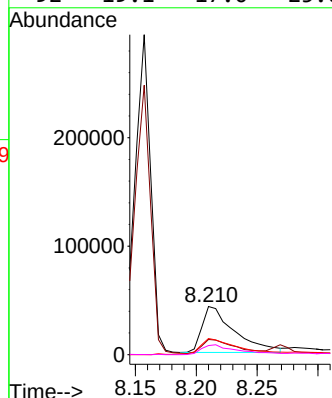
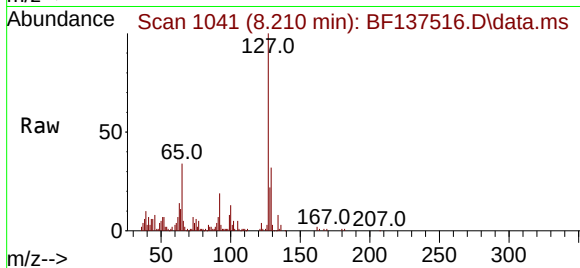
Ion Ratio Lower Upper

127 100

129 31.7 26.0 39.0

65 33.5 26.8 40.2

92 19.1 17.0 25.6



#34

Hexachlorobutadiene

Concen: 44.866 ng

RT: 8.269 min Scan# 1051

Delta R.T. -0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

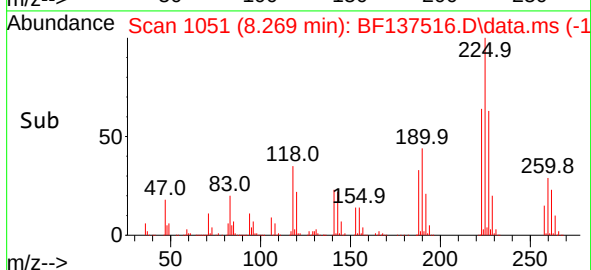
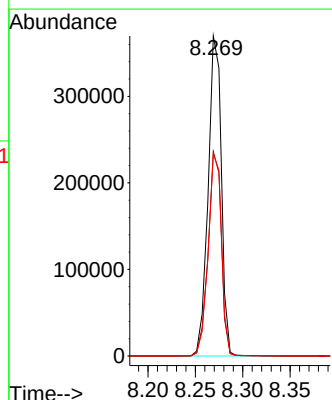
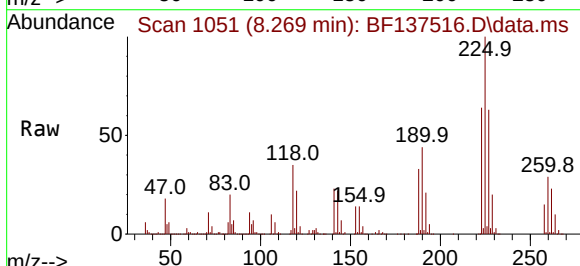
Tgt Ion:225 Resp: 356933

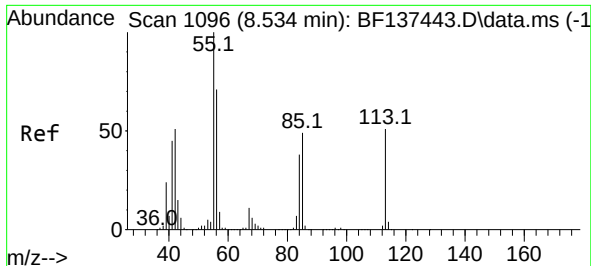
Ion Ratio Lower Upper

225 100

223 63.9 50.7 76.1

227 63.2 50.6 75.8

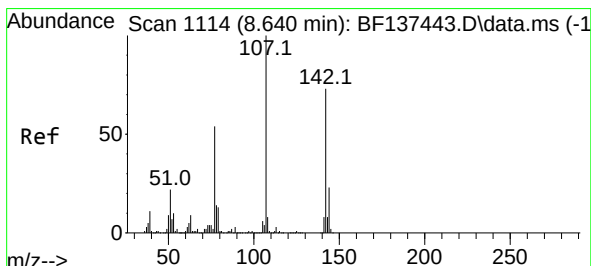
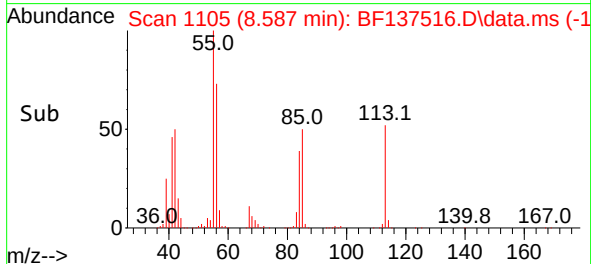
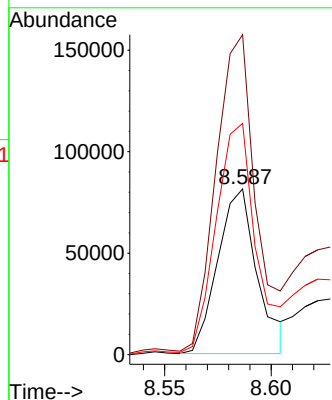
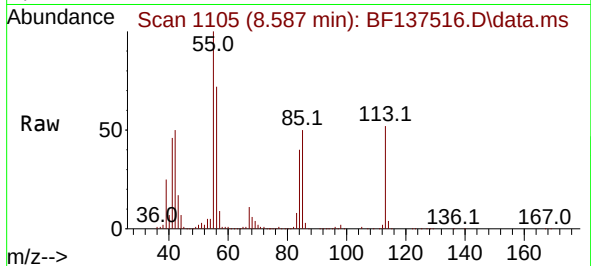




#35
Caprolactam
Concen: 24.031 ng
RT: 8.587 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

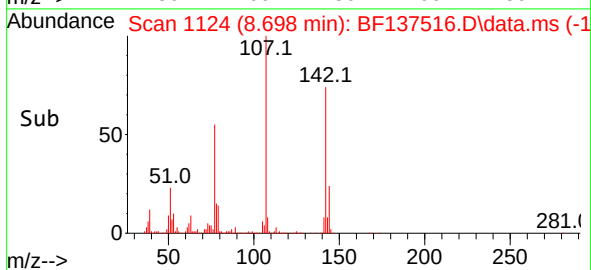
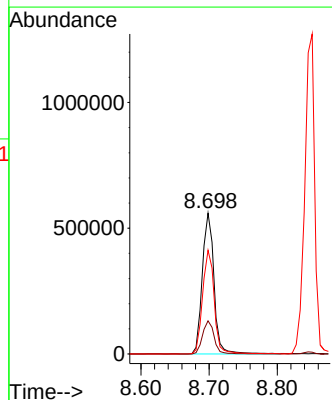
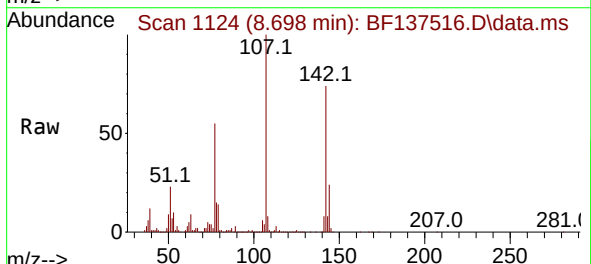
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

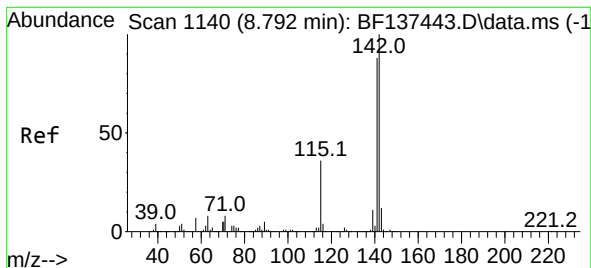
Tgt Ion:113 Resp: 104344
Ion Ratio Lower Upper
113 100
55 193.1 176.7 216.7
56 139.6 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 46.759 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:107 Resp: 669282
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 73.7 58.2 87.2





#37

2-Methylnaphthalene

Concen: 43.366 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

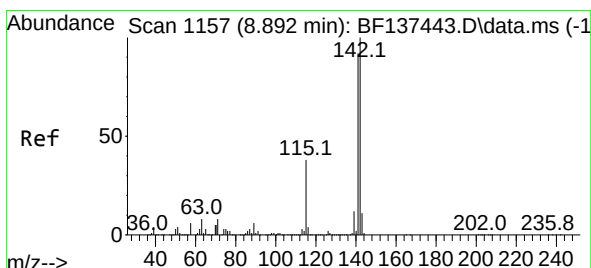
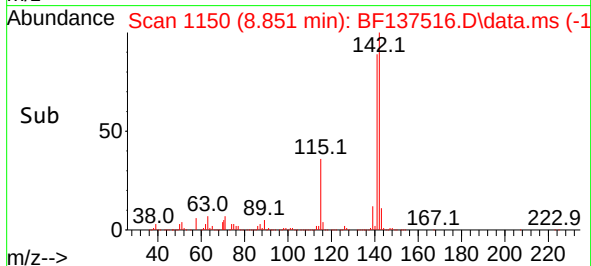
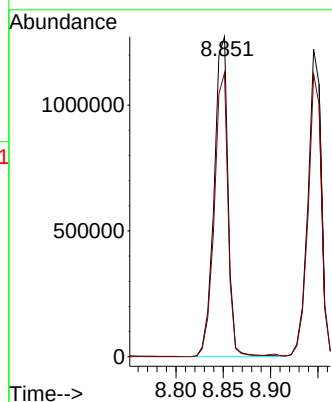
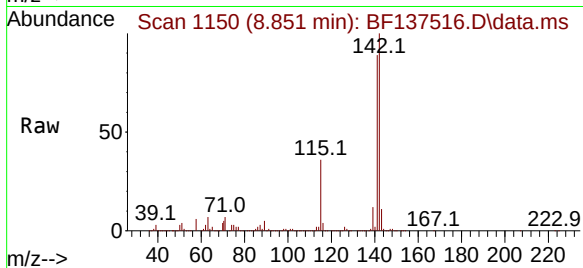
TP-1MSD

Tgt Ion:142 Resp: 1290366

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.903 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137516.D

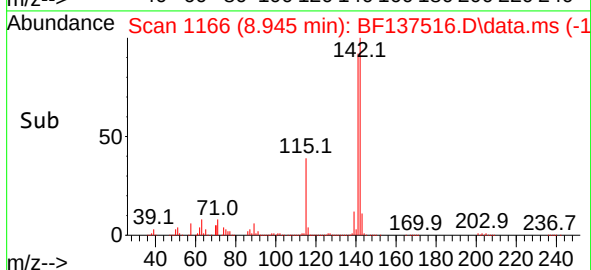
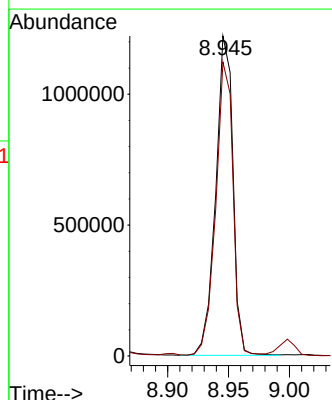
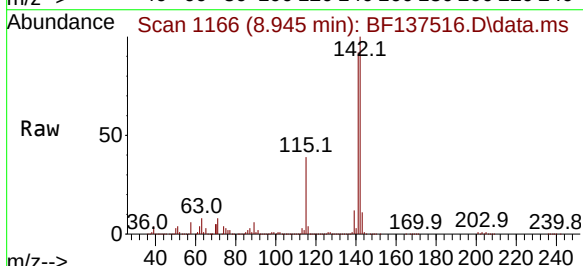
Acq: 06 Mar 2024 13:55

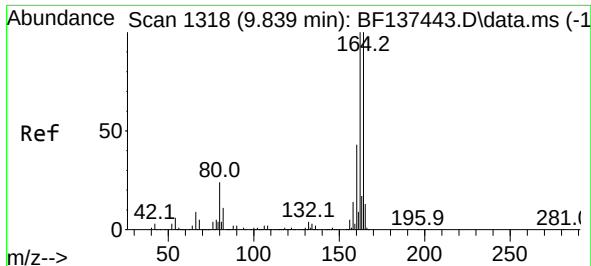
Tgt Ion:142 Resp: 1202195

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

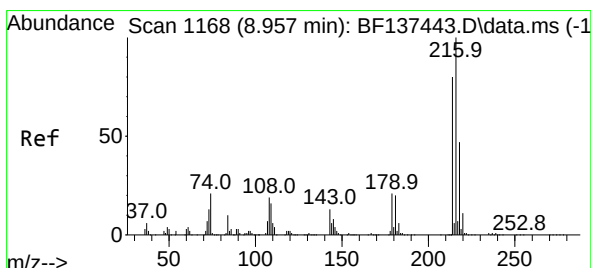
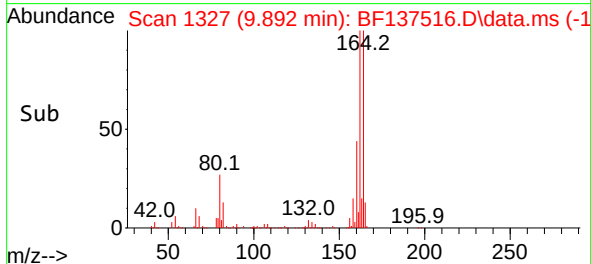
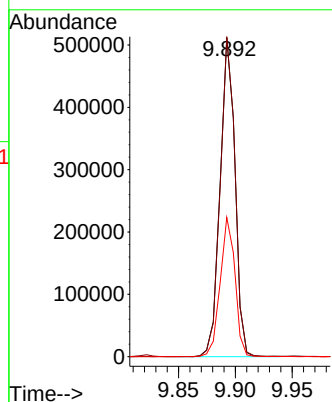
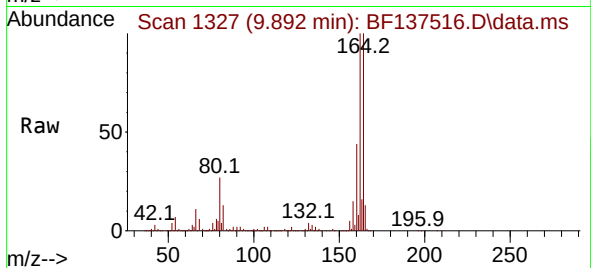
Tgt Ion:164 Resp: 468452

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 43.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.339 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Tgt Ion:216 Resp: 619098

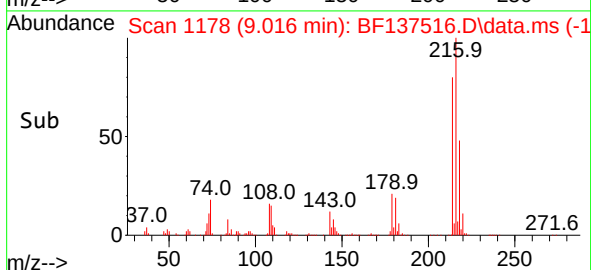
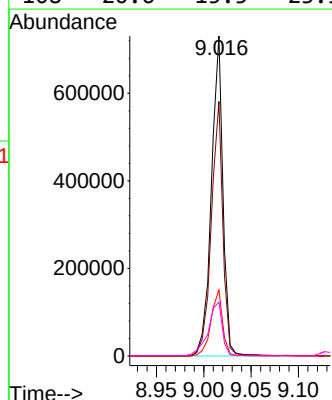
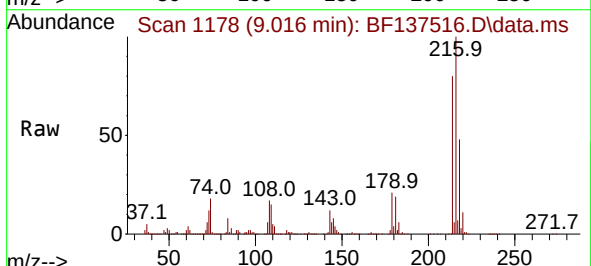
Ion Ratio Lower Upper

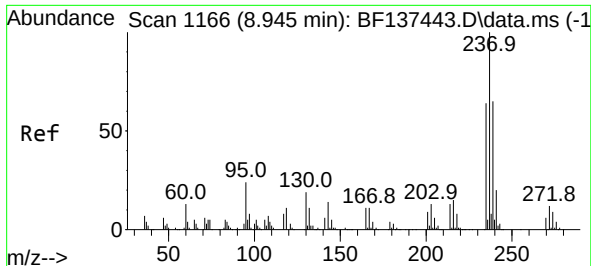
216 100

214 79.4 63.5 95.3

179 20.8 16.6 25.0

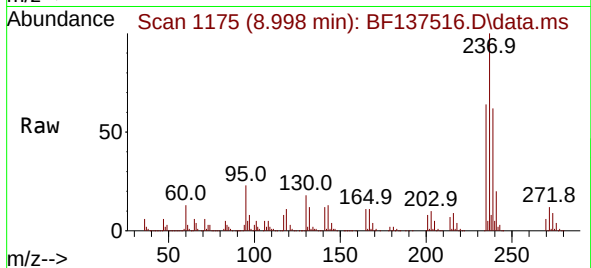
108 20.6 15.5 23.3



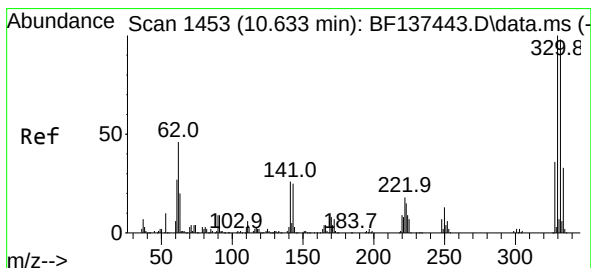
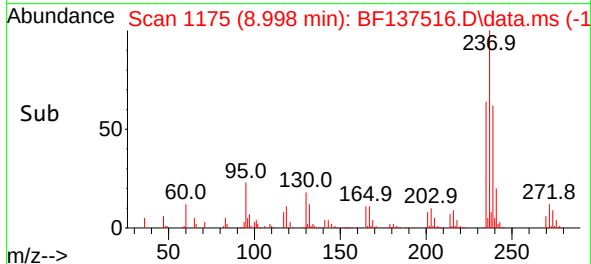
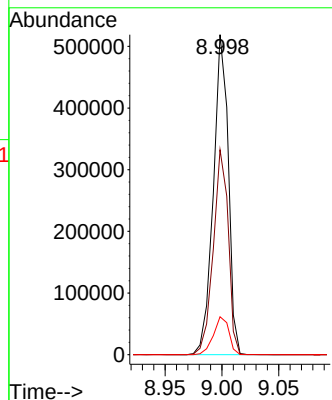


#41
Hexachlorocyclopentadiene
Concen: 88.030 ng
RT: 8.998 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

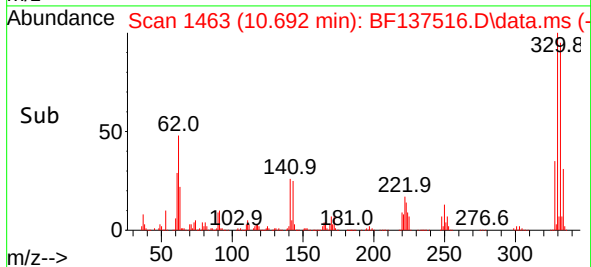
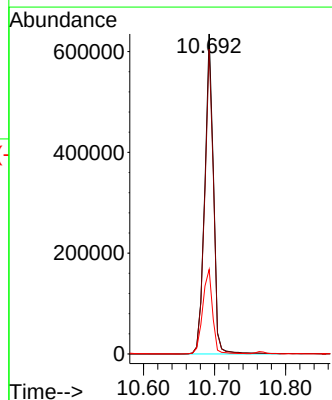
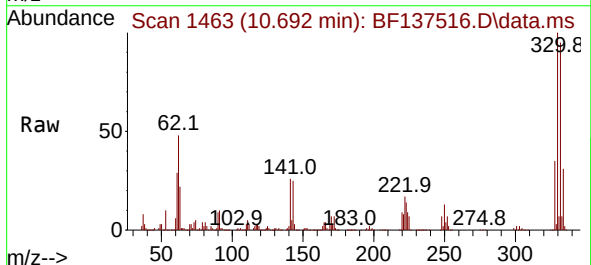


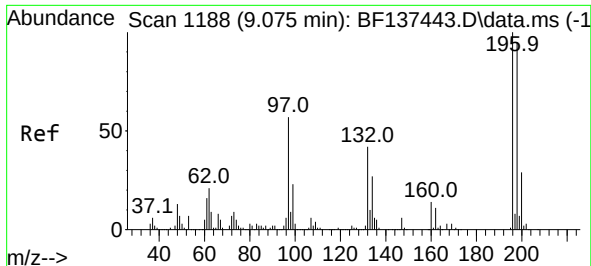
Tgt Ion:237 Resp: 474743
Ion Ratio Lower Upper
237 100
235 64.1 43.6 83.6
272 11.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 132.284 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:330 Resp: 544193
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 29.9 27.3 40.9

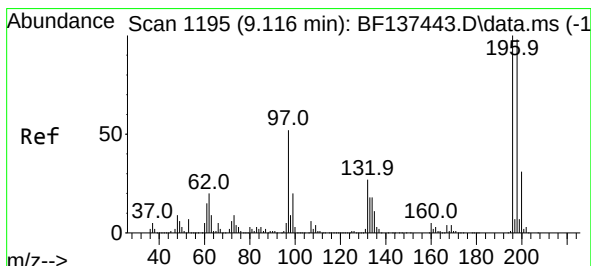
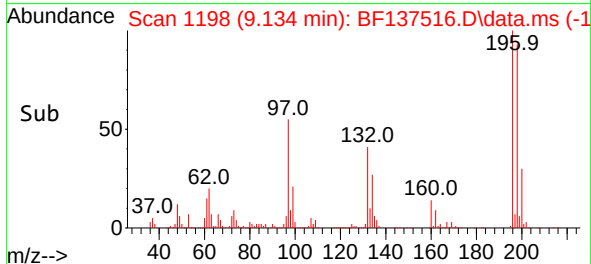
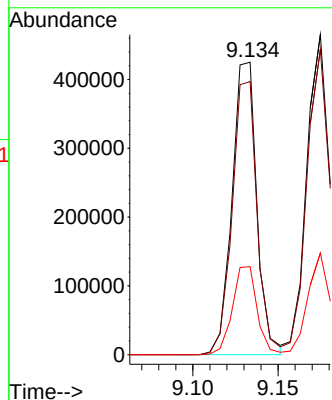
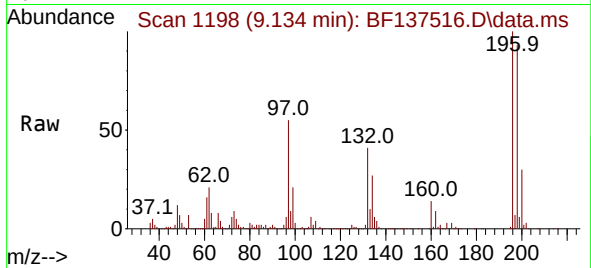




#43
2,4,6-Trichlorophenol
Concen: 50.542 ng
RT: 9.134 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

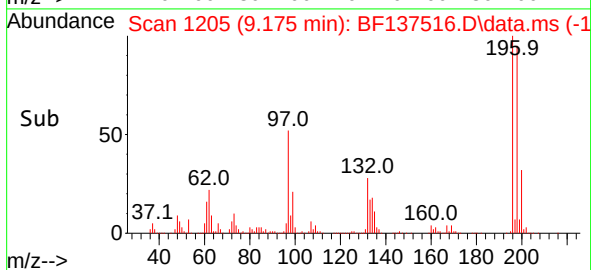
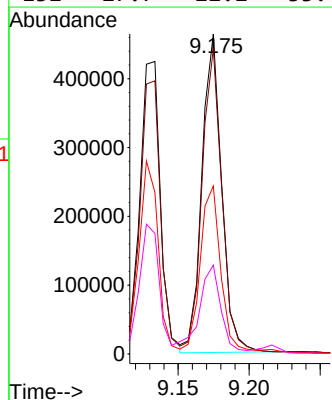
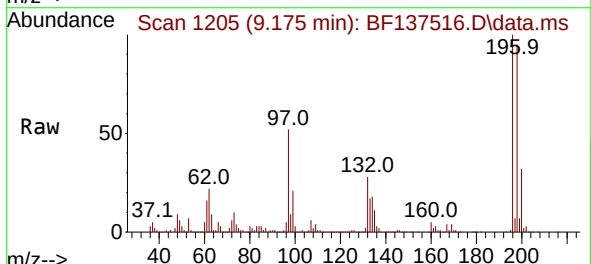
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

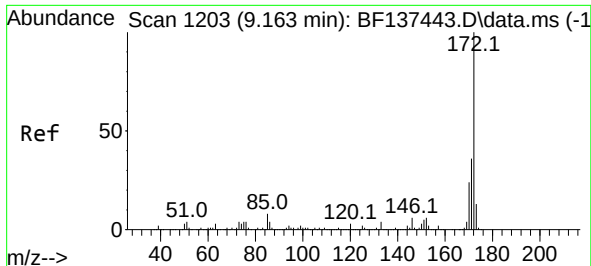
Tgt Ion:196 Resp: 430438
Ion Ratio Lower Upper
196 100
198 93.4 75.8 113.8
200 30.1 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 45.918 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:196 Resp: 450476
Ion Ratio Lower Upper
196 100
198 95.4 78.6 117.8
97 52.5 41.8 62.8
132 27.7 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 84.878 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

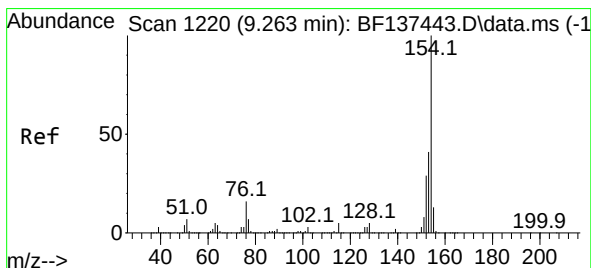
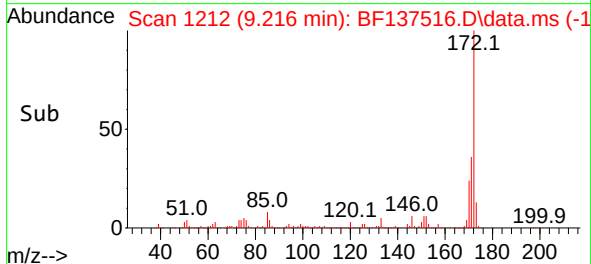
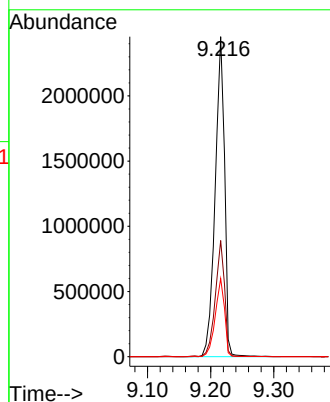
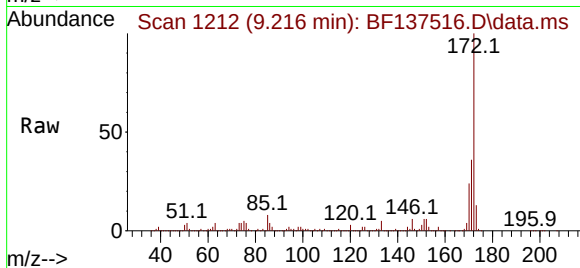
Tgt Ion:172 Resp: 2540067

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.729 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

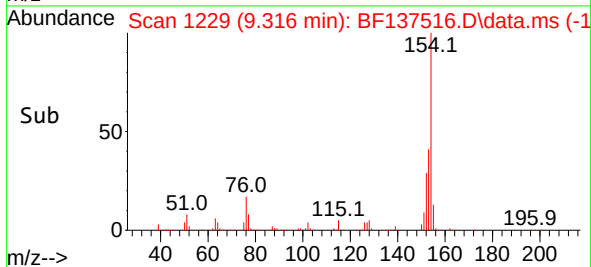
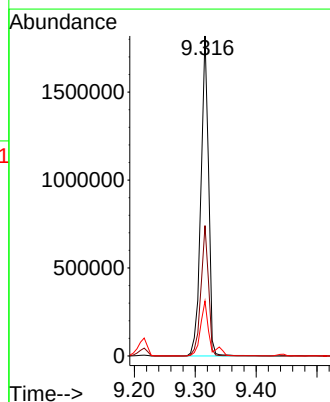
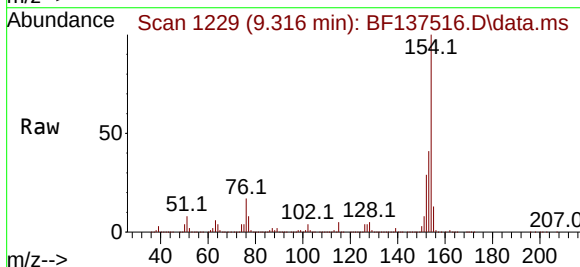
Tgt Ion:154 Resp: 1602161

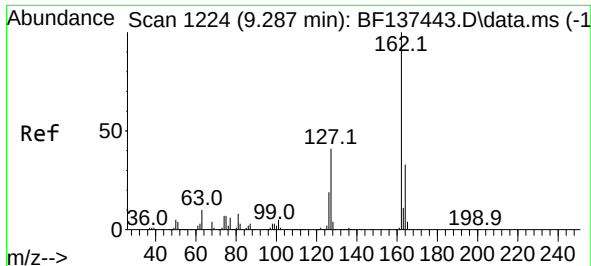
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 17.2 0.0 35.8





#47

2-Chloronaphthalene

Concen: 48.864 ng

RT: 9.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

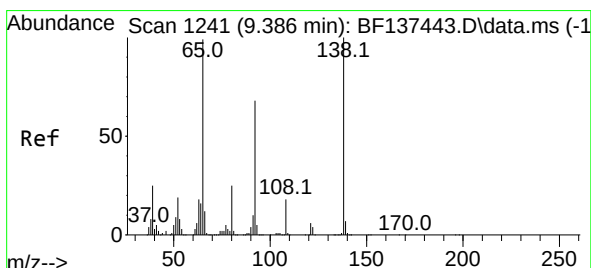
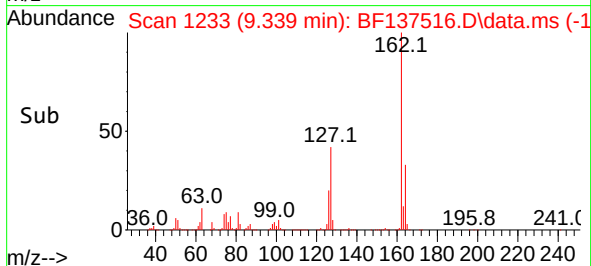
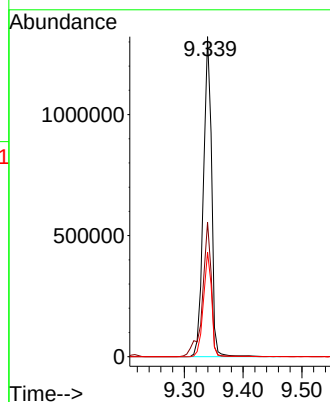
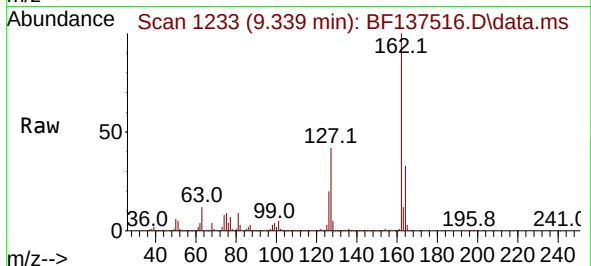
Tgt Ion:162 Resp: 1277327

Ion Ratio Lower Upper

162 100

127 42.0 32.6 49.0

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 51.130 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

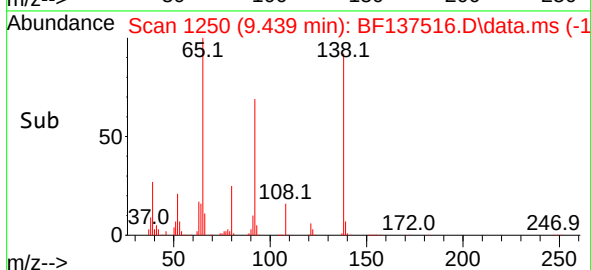
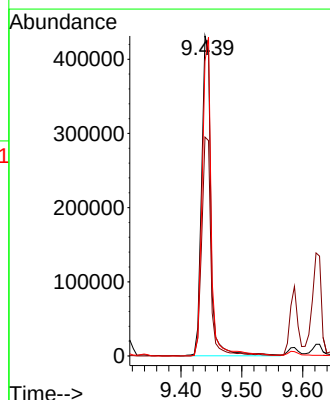
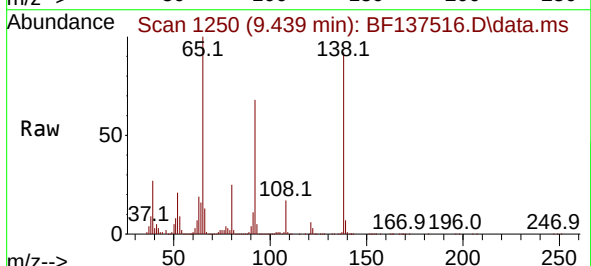
Tgt Ion: 65 Resp: 454292

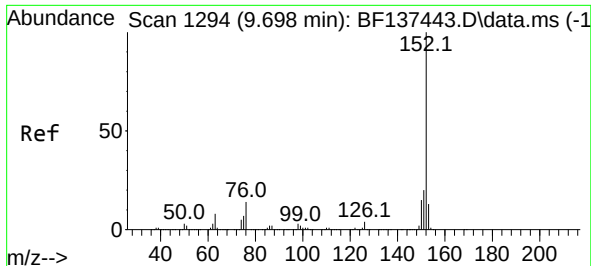
Ion Ratio Lower Upper

65 100

92 68.4 55.4 83.2

138 92.1 81.0 121.6

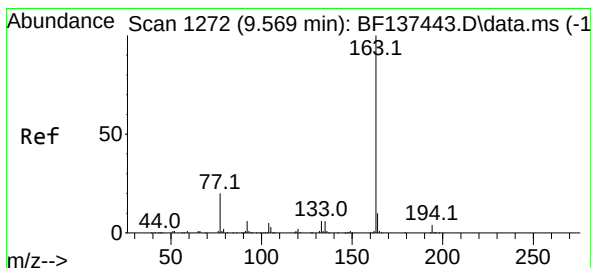
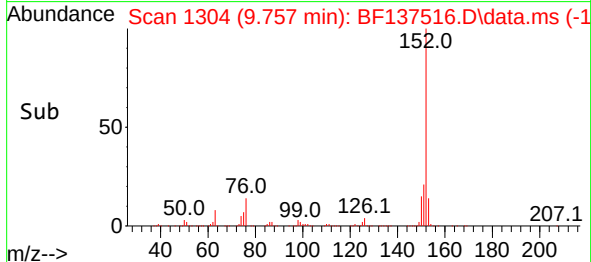
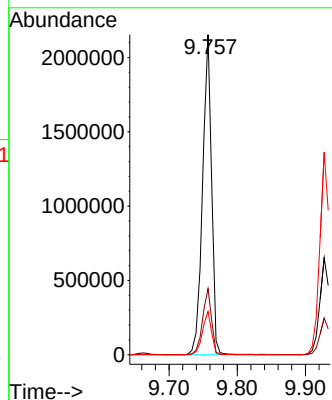
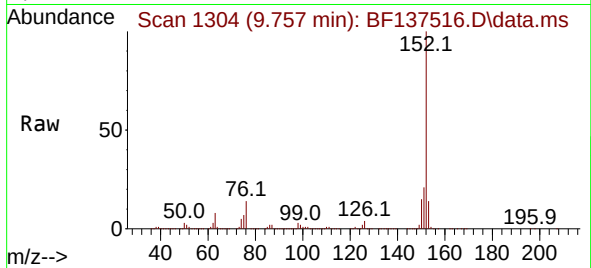




#49
Acenaphthylene
Concen: 47.262 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

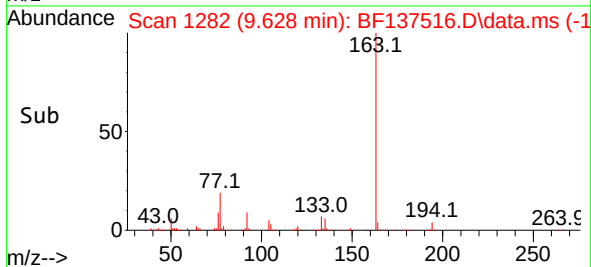
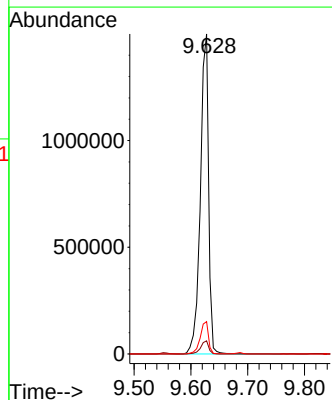
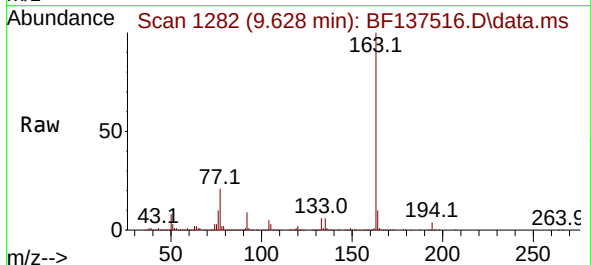
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

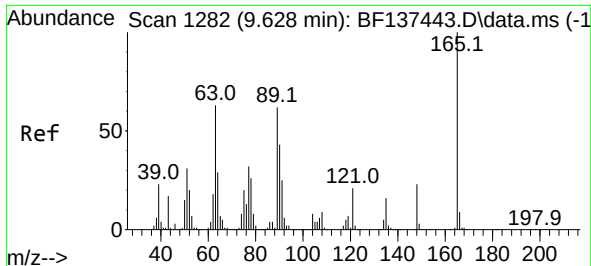
Tgt Ion:152 Resp: 1977141
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.5 10.8 16.2



#50
Dimethylphthalate
Concen: 46.554 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:163 Resp: 1518099
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.595 ng

RT: 9.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

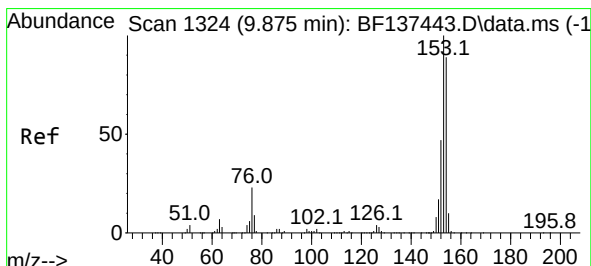
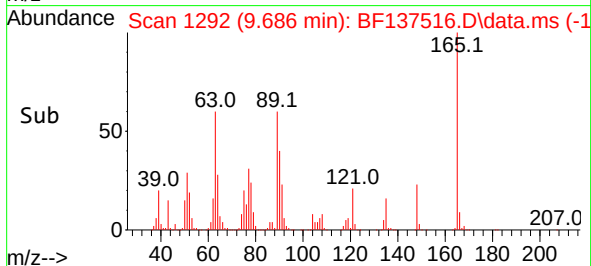
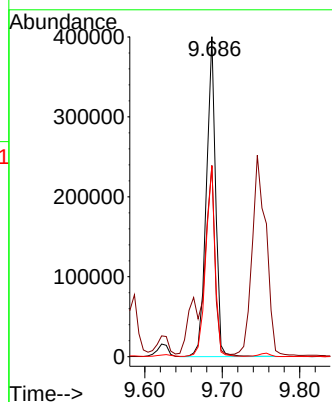
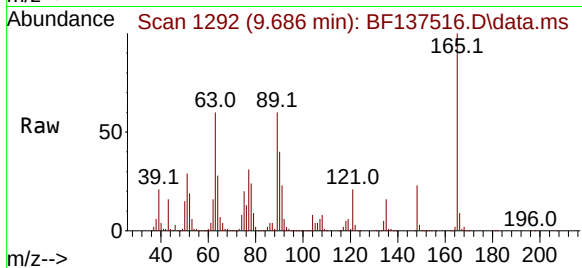
Tgt Ion:165 Resp: 331449

Ion Ratio Lower Upper

165 100

63 59.7 50.7 76.1

89 59.6 50.0 75.0



#52

Acenaphthene

Concen: 44.734 ng

RT: 9.928 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

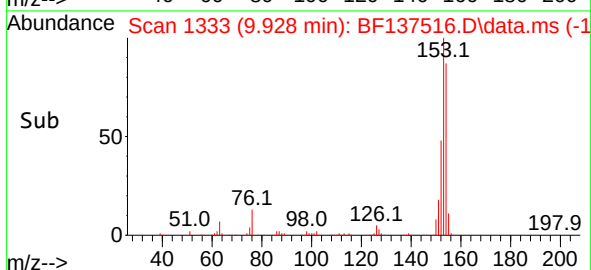
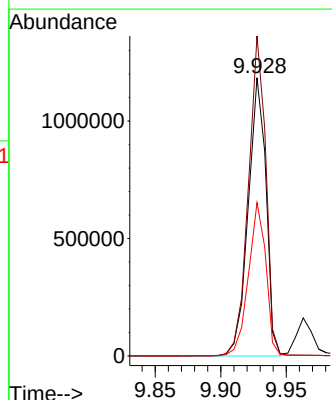
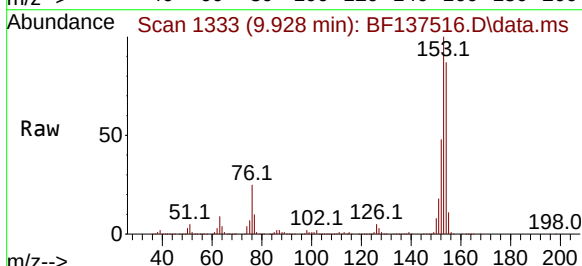
Tgt Ion:154 Resp: 1117232

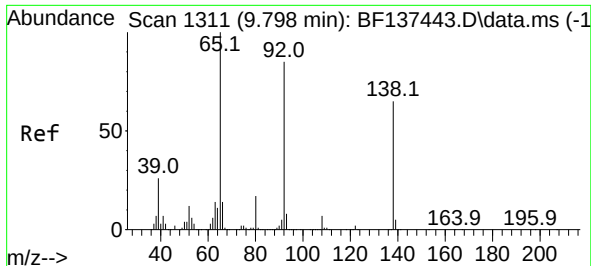
Ion Ratio Lower Upper

154 100

153 115.0 90.3 135.5

152 55.1 42.7 64.1

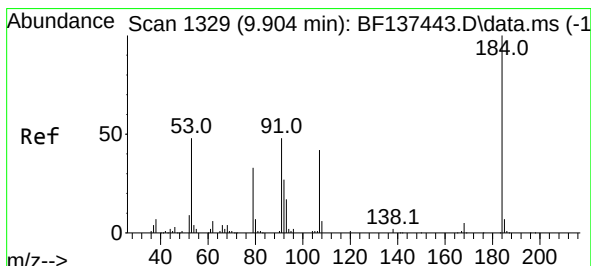
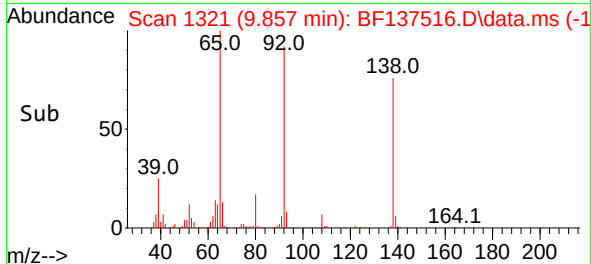
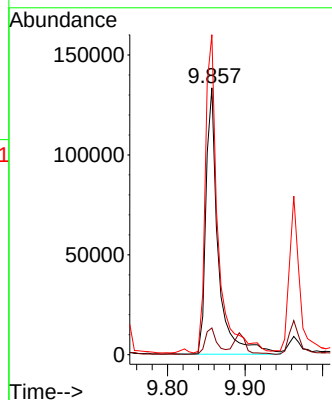
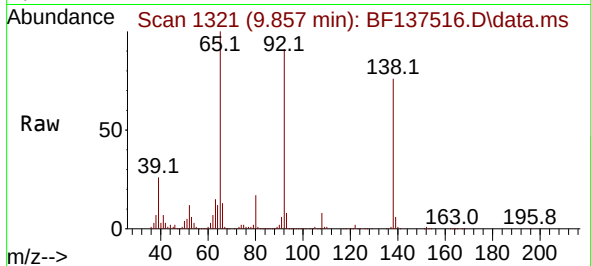




#53
3-Nitroaniline
Concen: 20.335 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

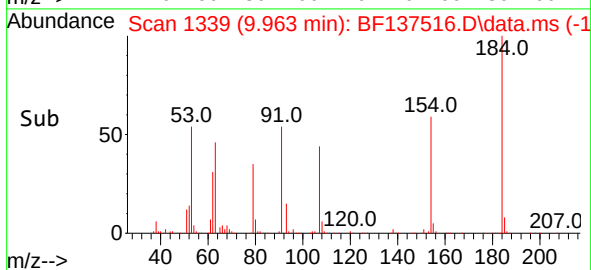
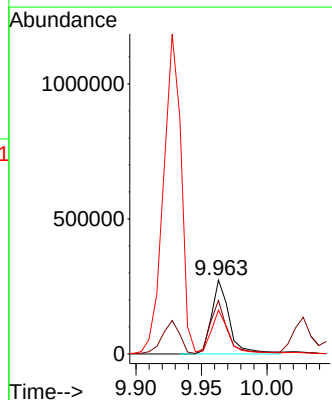
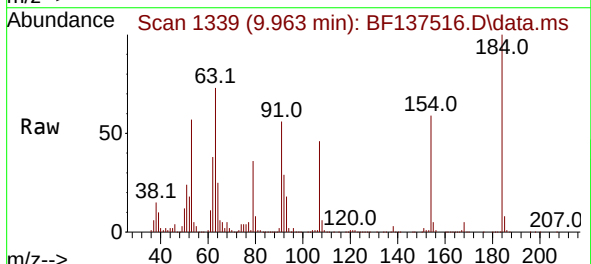
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

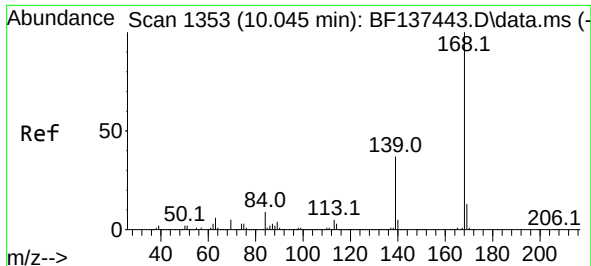
Tgt Ion:138 Resp: 146705
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 119.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 77.334 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:184 Resp: 256253
Ion Ratio Lower Upper
184 100
63 72.6 53.3 79.9
154 59.4 47.4 71.0

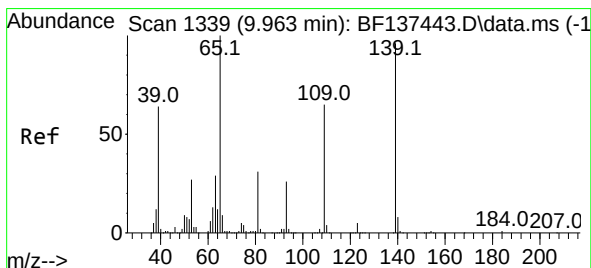
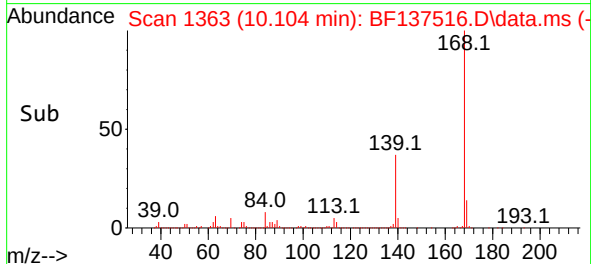
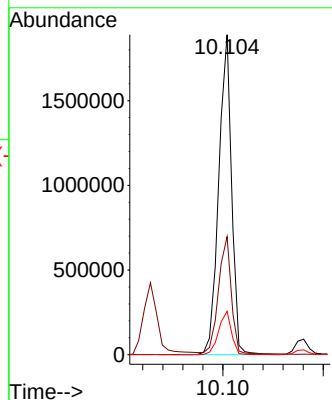
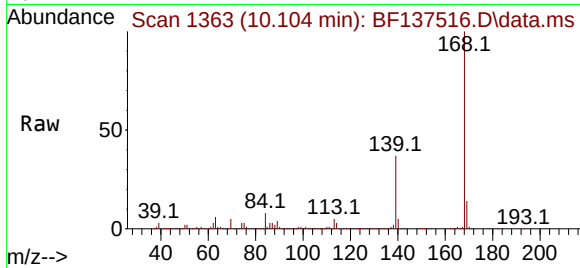




#55
Dibenzenofuran
Concen: 44.118 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

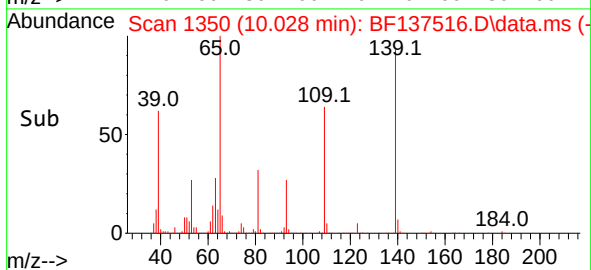
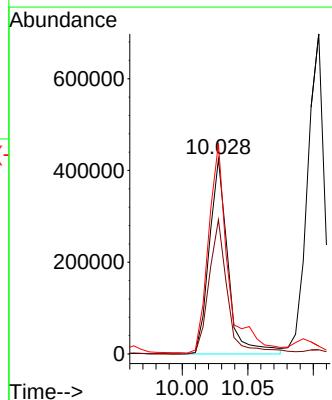
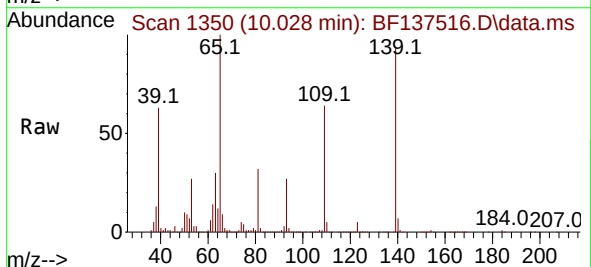
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

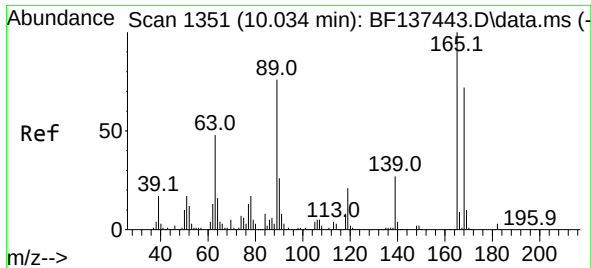
Tgt Ion:168 Resp: 1678199
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.6
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 82.017 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:139 Resp: 421595
Ion Ratio Lower Upper
139 100
109 68.8 47.1 87.1
65 107.9 85.1 125.1

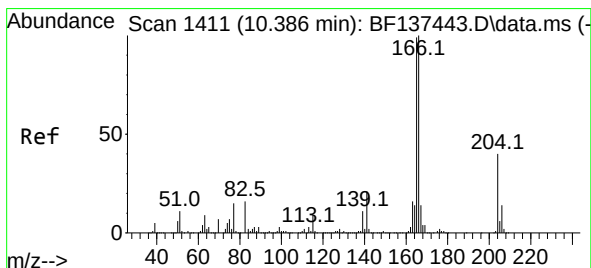
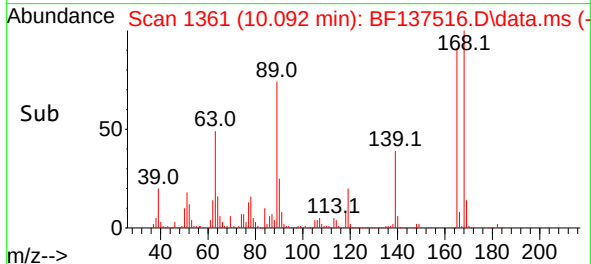
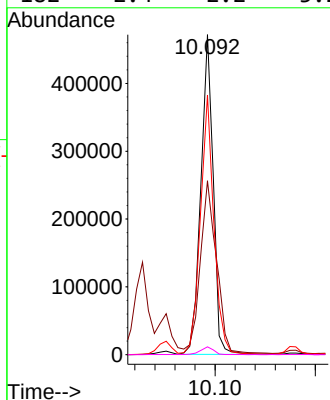
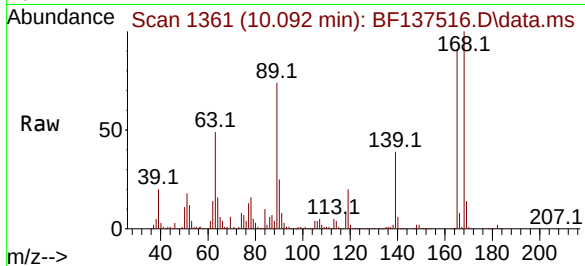




#57
2,4-Dinitrotoluene
Concen: 48.501 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

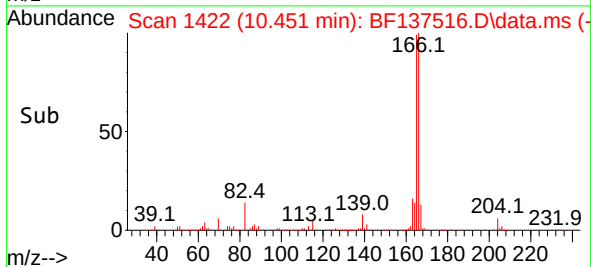
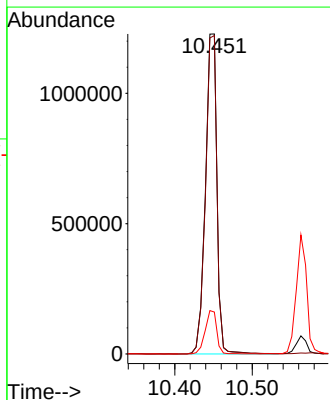
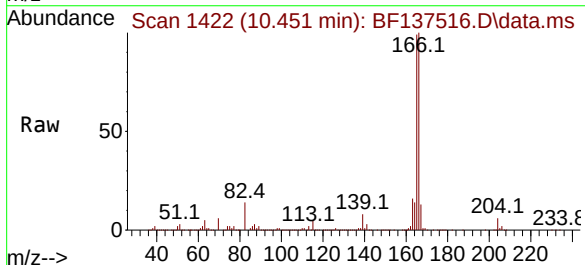
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

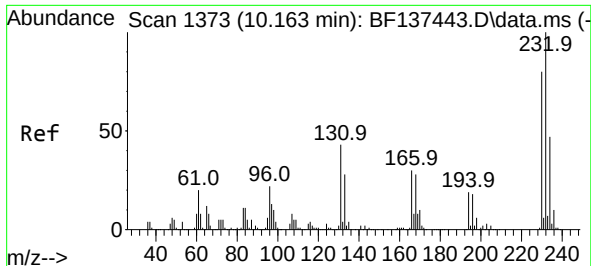
Tgt Ion:165 Resp: 406425
Ion Ratio Lower Upper
165 100
63 54.3 39.0 58.6
89 81.1 60.9 91.3
182 2.4 2.2 3.2



#58
Fluorene
Concen: 43.153 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:166 Resp: 1260641
Ion Ratio Lower Upper
166 100
165 99.5 79.2 118.8
167 13.1 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.820 ng

RT: 10.222 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:232 Resp: 360470

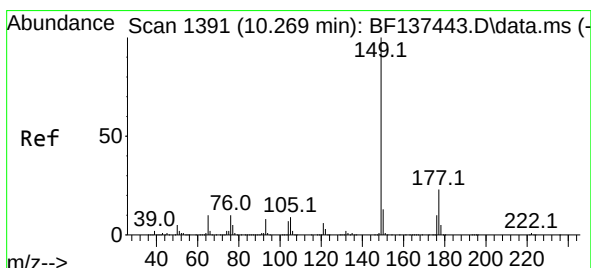
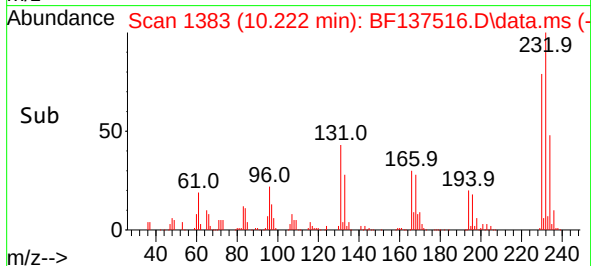
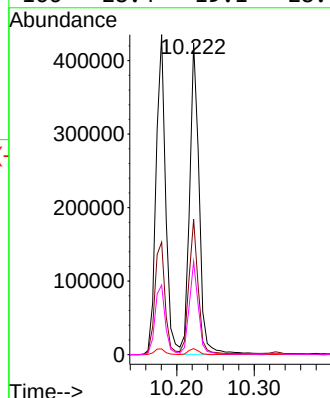
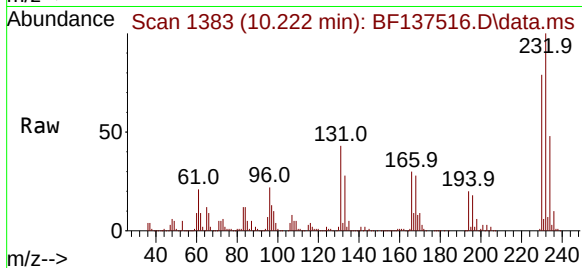
Ion Ratio Lower Upper

232 100

131 42.3 31.2 46.8

130 2.1 1.8 2.6

166 28.4 19.1 28.7



#60

Diethylphthalate

Concen: 45.305 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

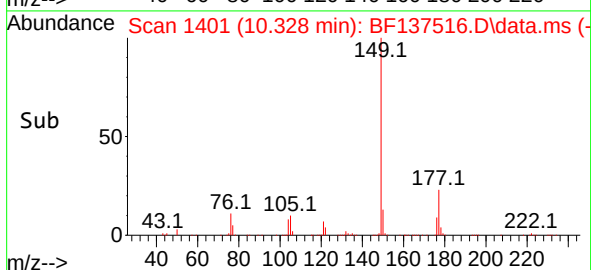
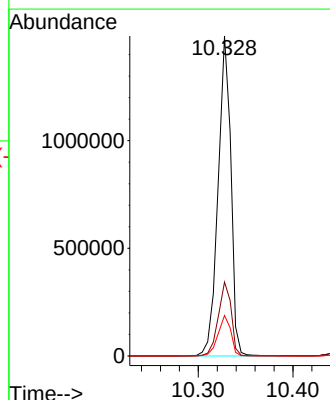
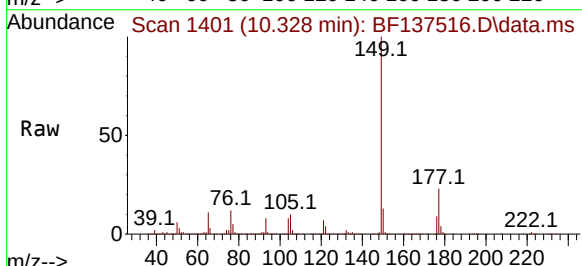
Tgt Ion:149 Resp: 1395118

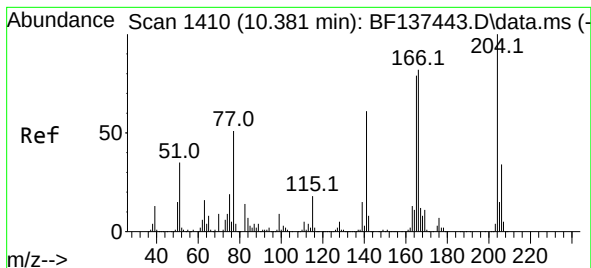
Ion Ratio Lower Upper

149 100

177 23.1 18.7 28.1

150 12.6 10.2 15.4

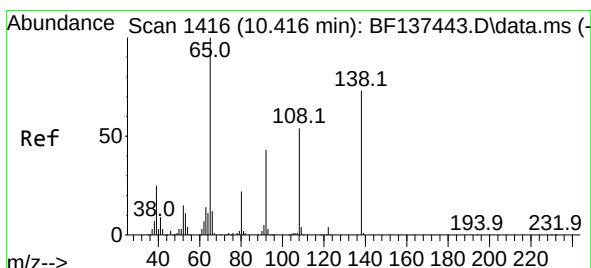
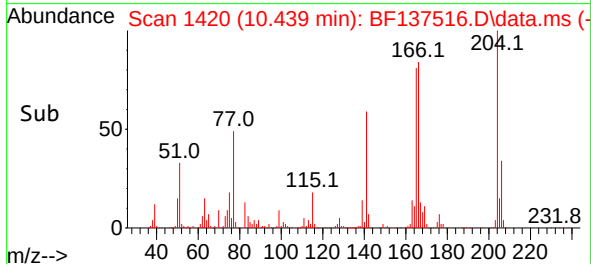
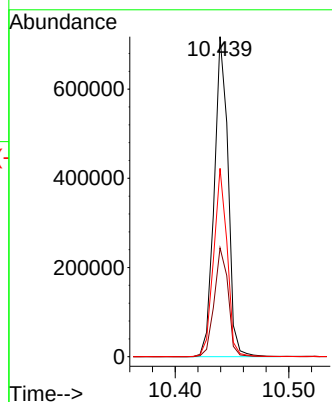
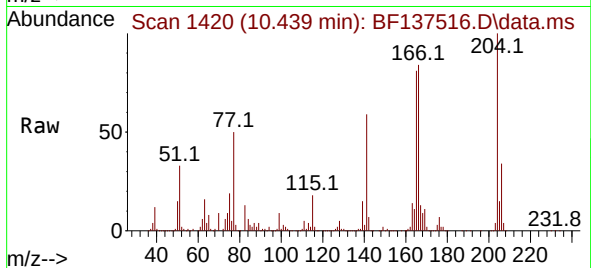




#61
4-Chlorophenyl-phenylether
Concen: 42.381 ng
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

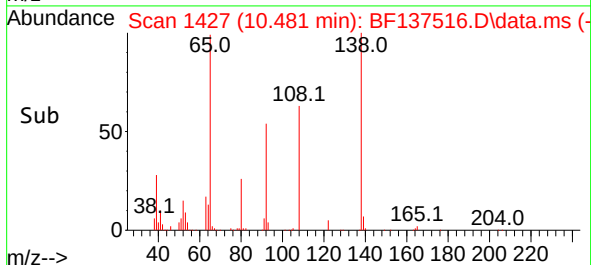
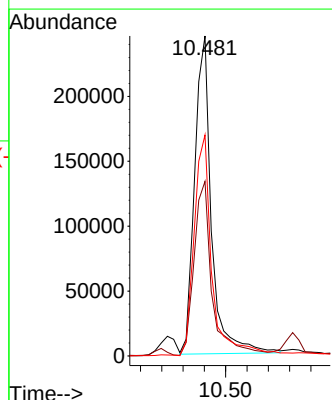
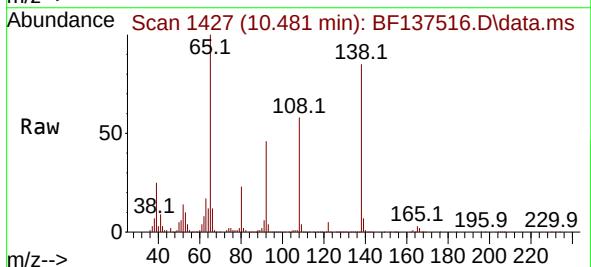
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

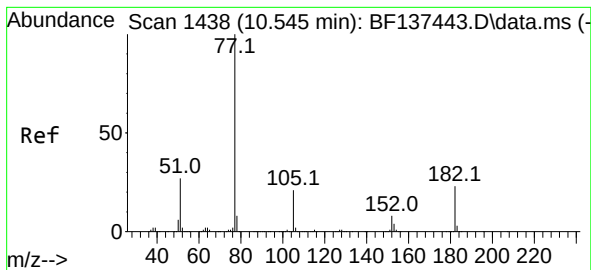
Tgt Ion:204 Resp: 606782
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 58.9 48.4 72.6



#62
4-Nitroaniline
Concen: 43.416 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:138 Resp: 269210
Ion Ratio Lower Upper
138 100
92 54.6 37.9 77.9
108 69.1 53.2 93.2





#63

Azobenzene

Concen: 45.258 ng

RT: 10.604 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 1604815

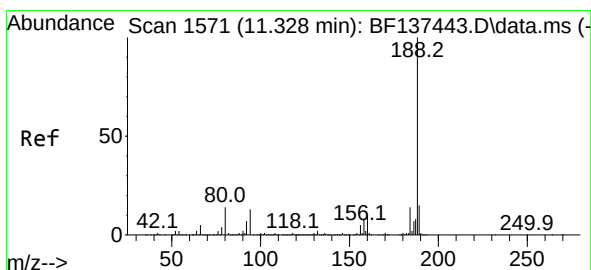
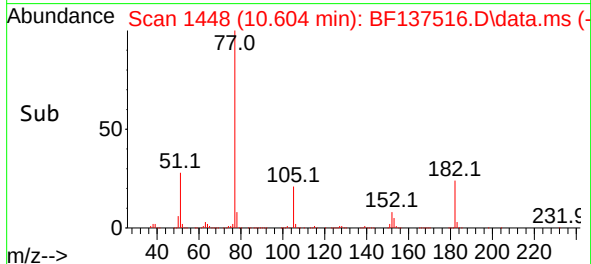
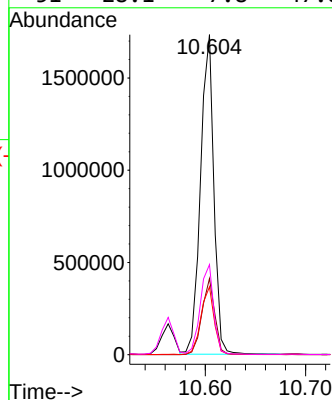
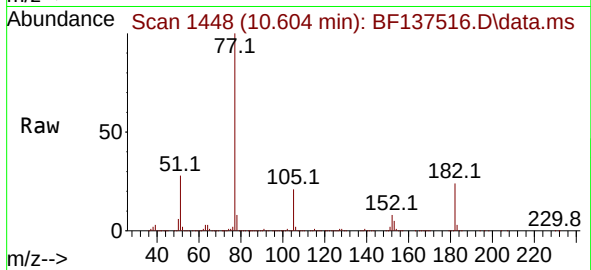
Ion Ratio Lower Upper

77 100

182 23.8 3.2 43.2

105 21.2 1.2 41.2

51 28.1 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: BF137516.D

Acq: 06 Mar 2024 13:55

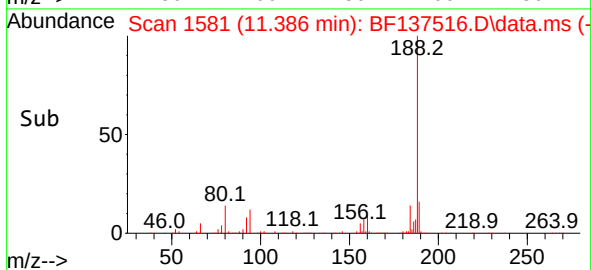
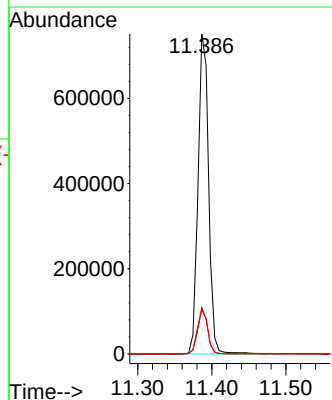
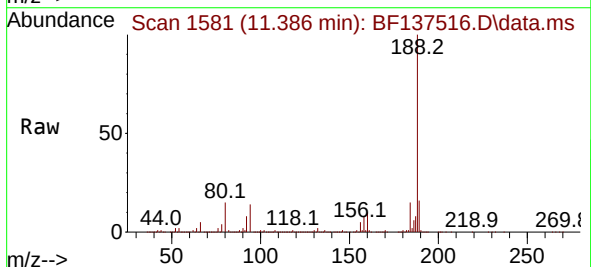
Tgt Ion: 188 Resp: 743154

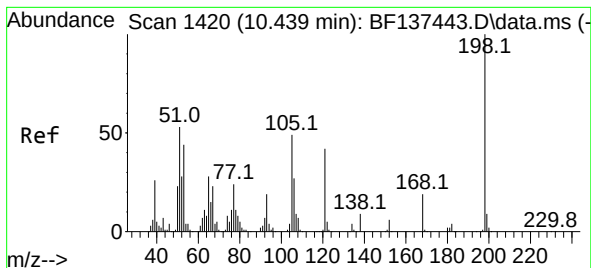
Ion Ratio Lower Upper

188 100

94 13.9 10.6 15.8

80 14.5 11.5 17.3

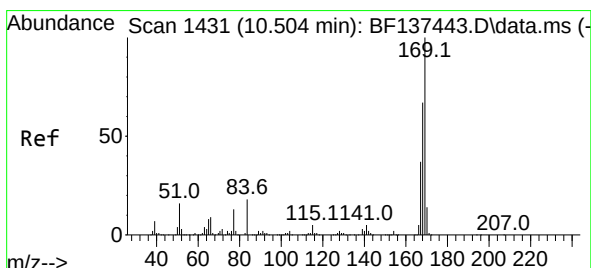
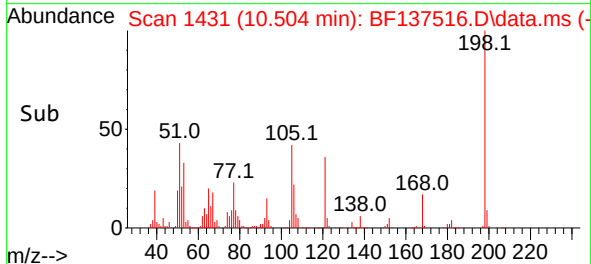
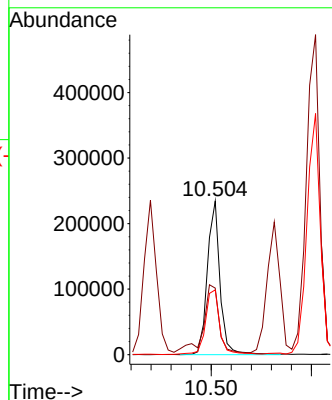
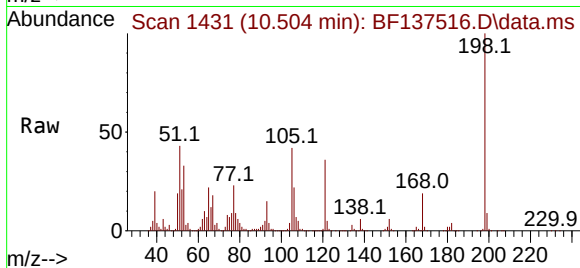




#65
4,6-Dinitro-2-methylphenol
Concen: 49.886 ng
RT: 10.504 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

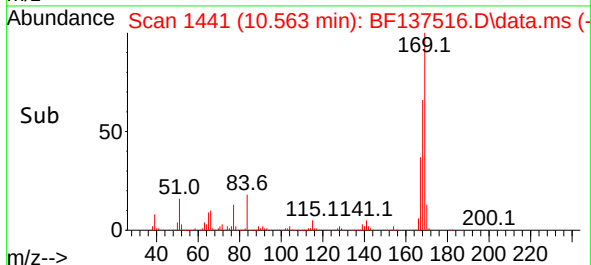
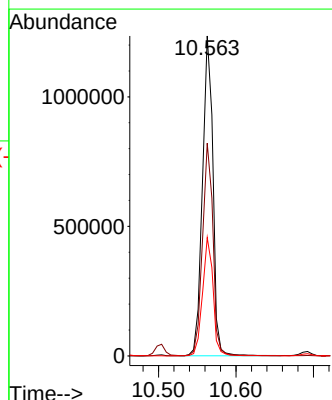
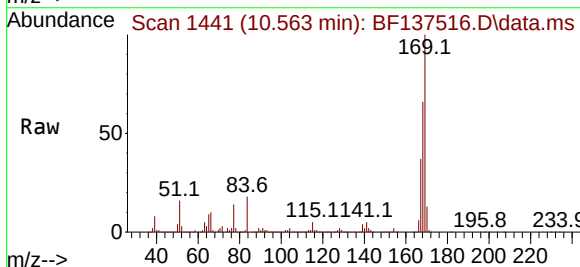
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

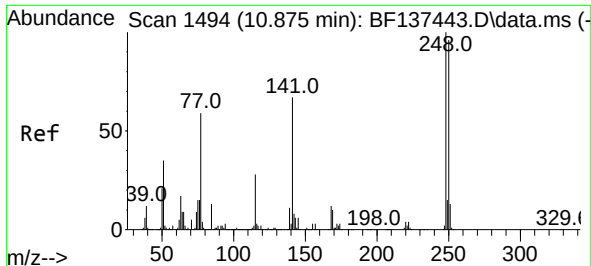
Tgt Ion:198 Resp: 206625
Ion Ratio Lower Upper
198 100
51 43.3 37.2 77.2
105 42.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.466 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:169 Resp: 1159829
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 37.0 29.6 44.4

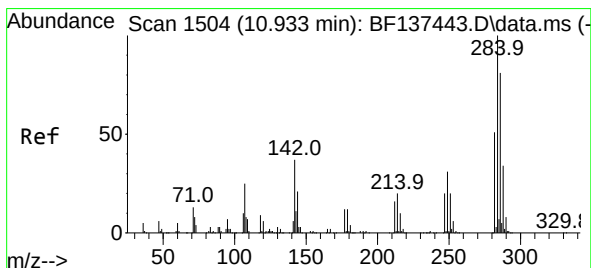
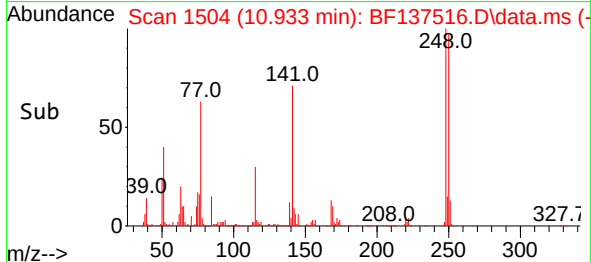
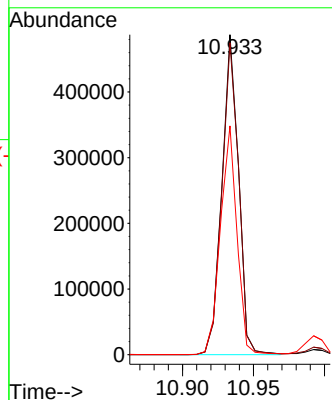
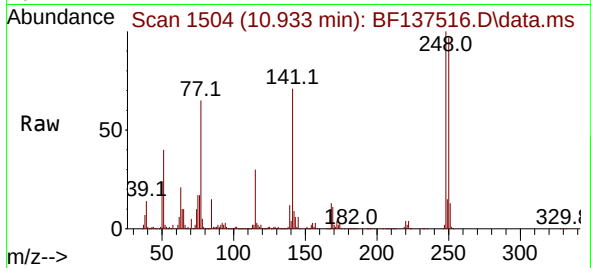




#67
4-Bromophenyl-phenylether
Concen: 48.969 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

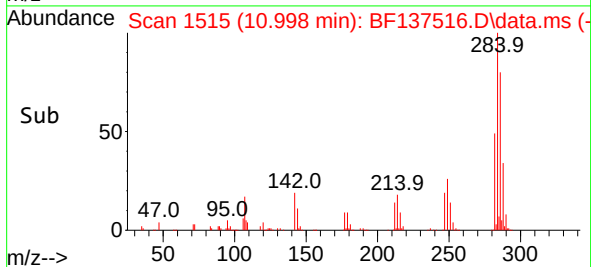
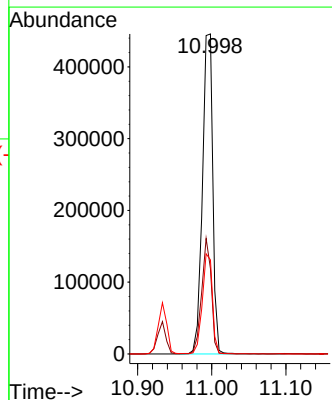
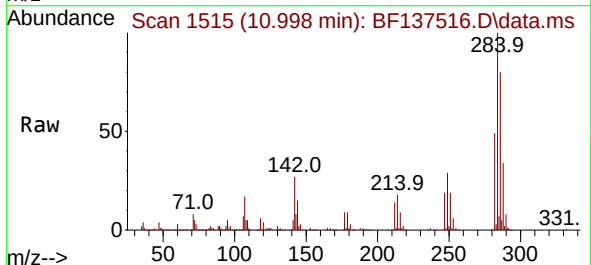
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

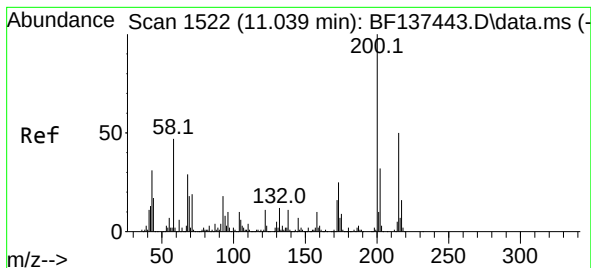
Tgt Ion:248 Resp: 396368
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 71.5 53.4 80.0



#68
Hexachlorobenzene
Concen: 52.792 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:284 Resp: 431589
Ion Ratio Lower Upper
284 100
142 26.7 29.4 44.0#
249 29.4 25.0 37.4





#69

Atrazine

Concen: 49.438 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

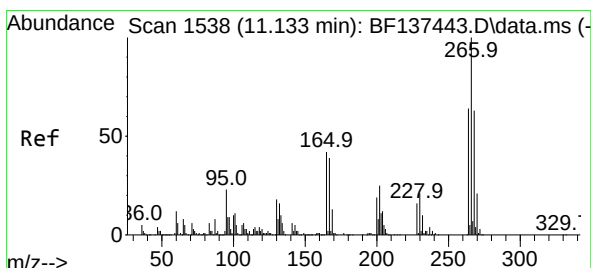
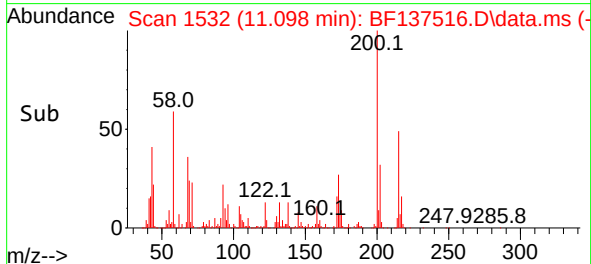
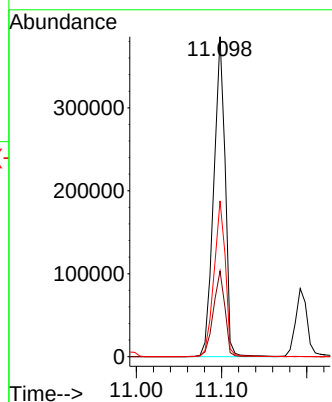
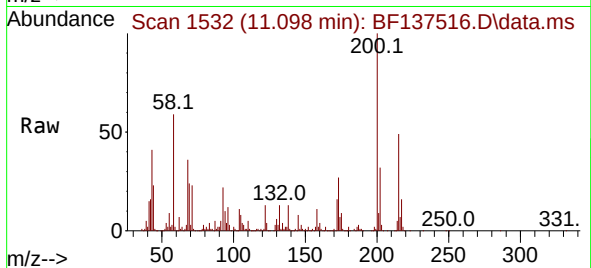
Tgt Ion:200 Resp: 359653

Ion Ratio Lower Upper

200 100

173 26.8 5.1 45.1

215 48.7 30.4 70.4



#70

Pentachlorophenol

Concen: 89.131 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

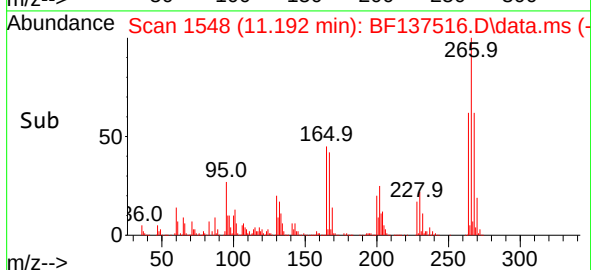
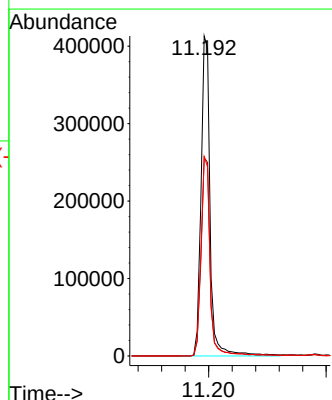
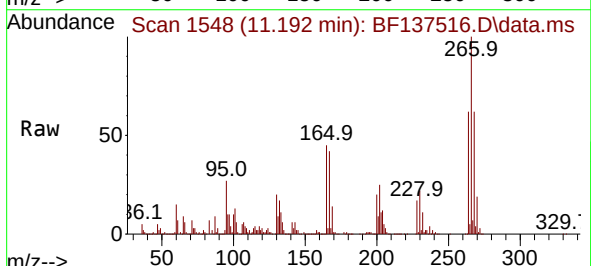
Tgt Ion:266 Resp: 440498

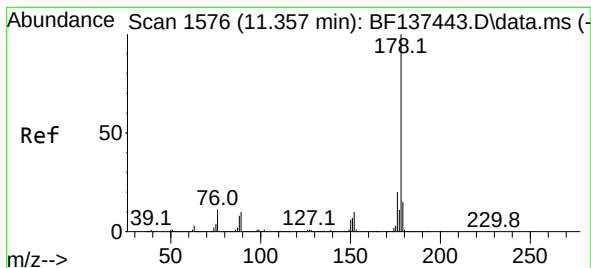
Ion Ratio Lower Upper

266 100

268 62.0 50.2 75.2

264 62.3 50.9 76.3





#71

Phenanthrene

Concen: 46.070 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

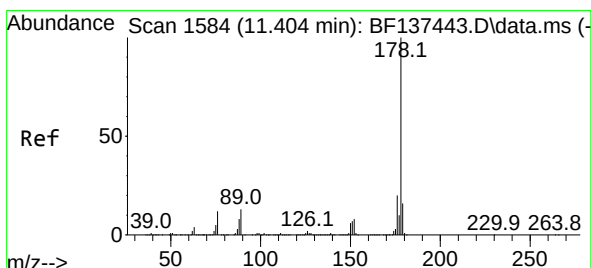
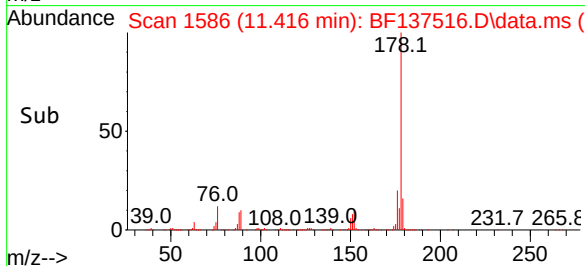
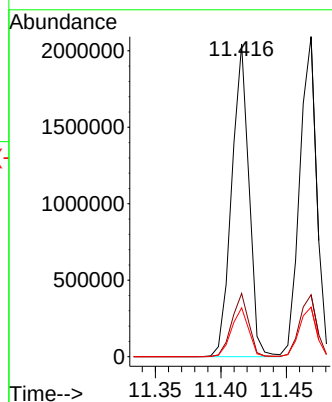
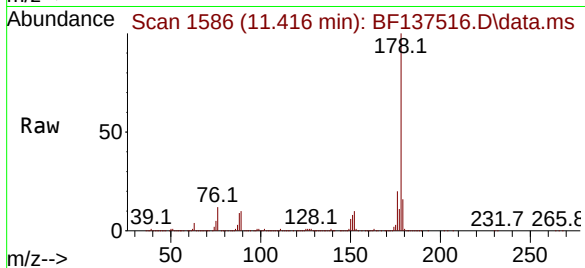
Tgt Ion:178 Resp: 1863248

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 46.007 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

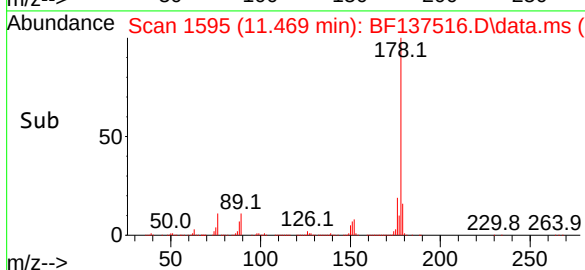
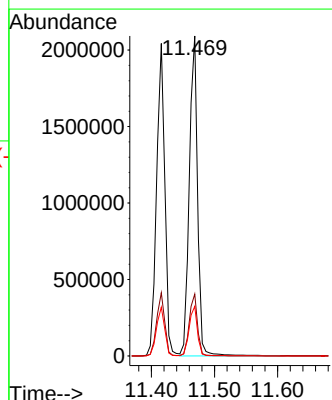
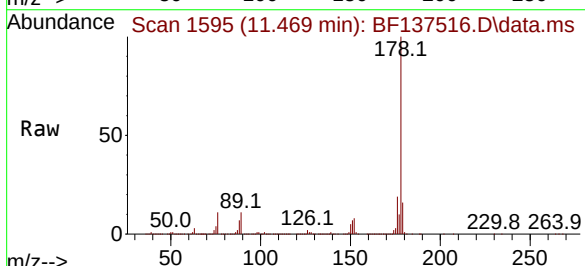
Tgt Ion:178 Resp: 1911040

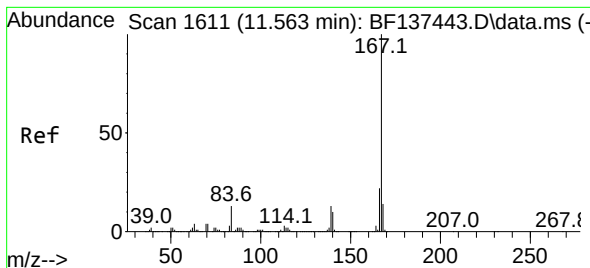
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.5 12.7 19.1





#73

Carbazole

Concen: 46.990 ng

RT: 11.628 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

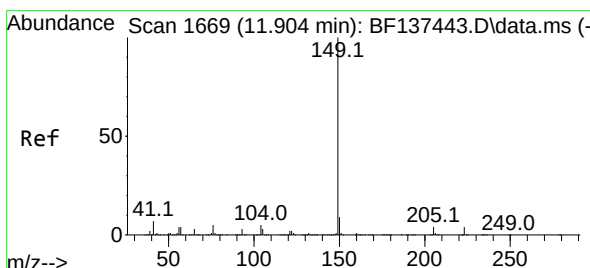
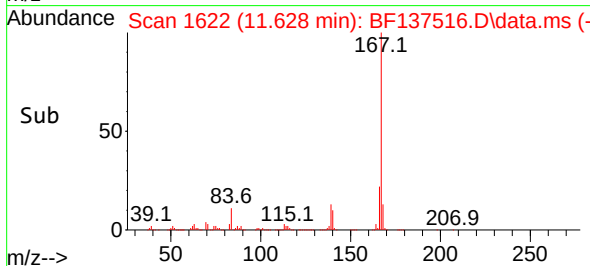
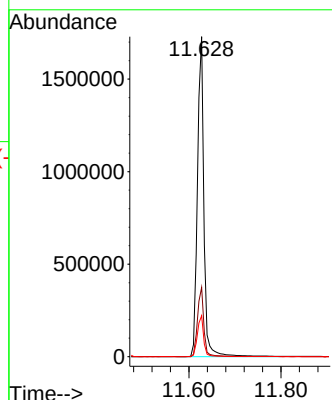
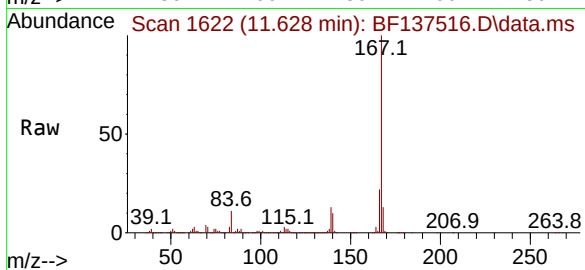
Tgt Ion:167 Resp: 1671933

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.139 ng

RT: 11.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

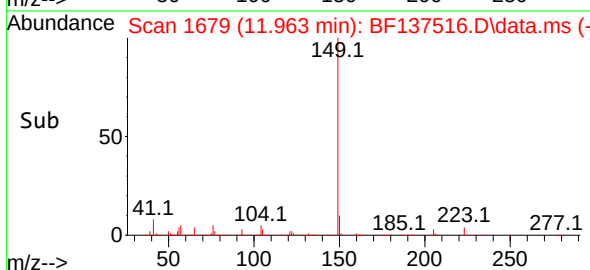
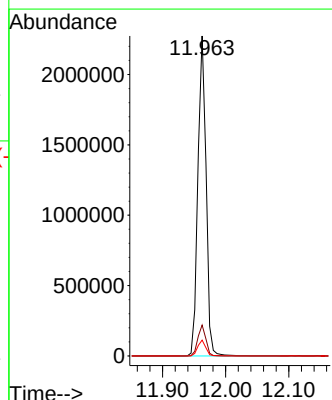
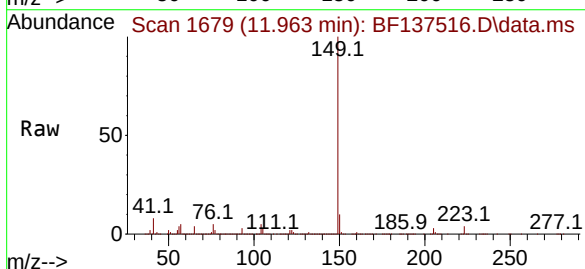
Tgt Ion:149 Resp: 2037825

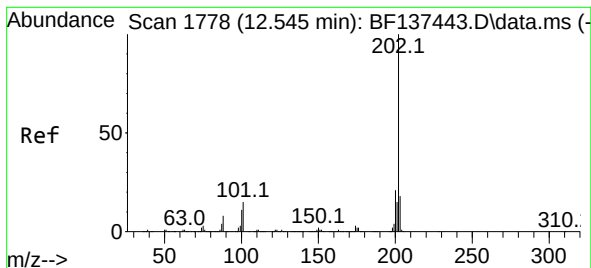
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 42.428 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

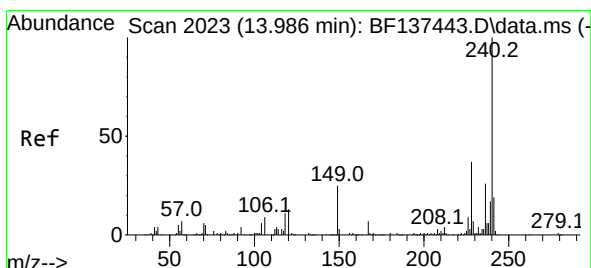
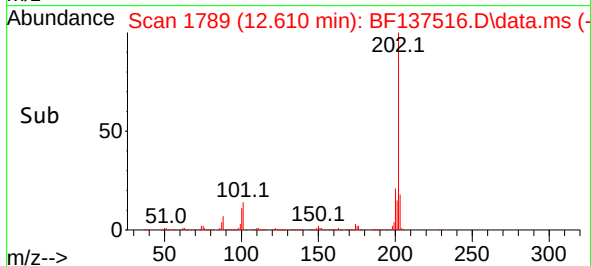
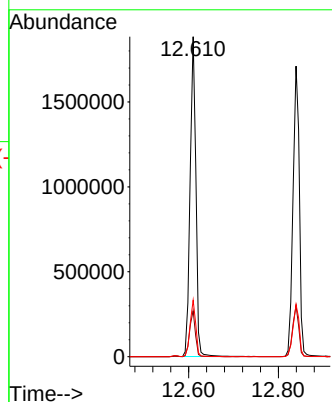
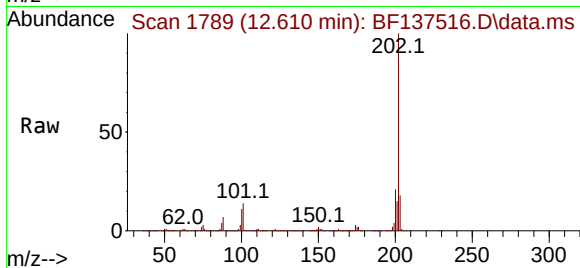
Tgt Ion:202 Resp: 1677305

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.0

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

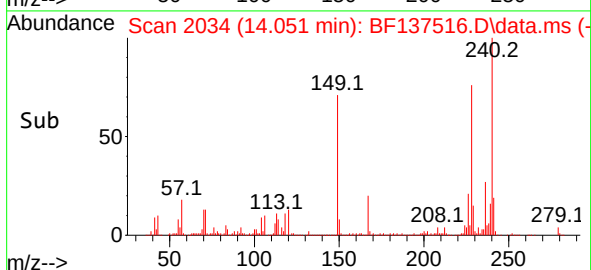
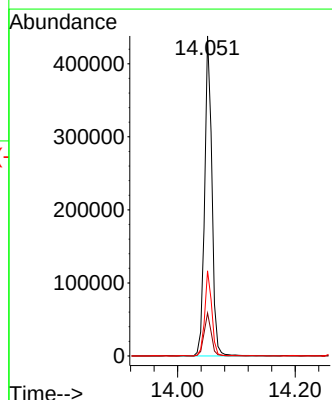
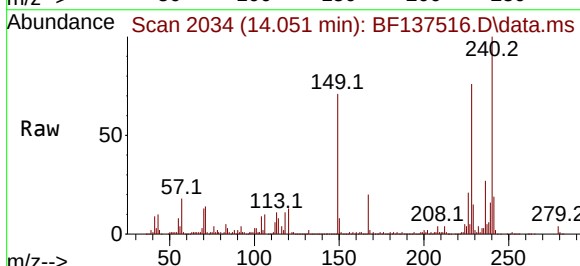
Tgt Ion:240 Resp: 373943

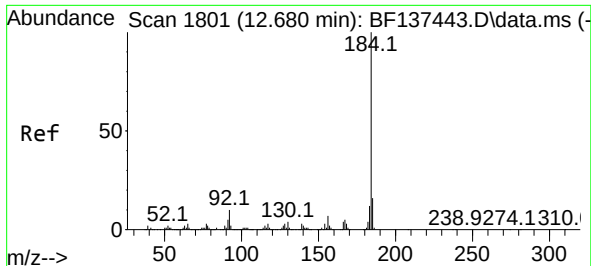
Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

236 26.6 20.9 31.3

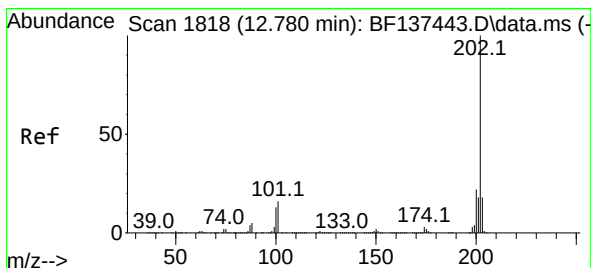
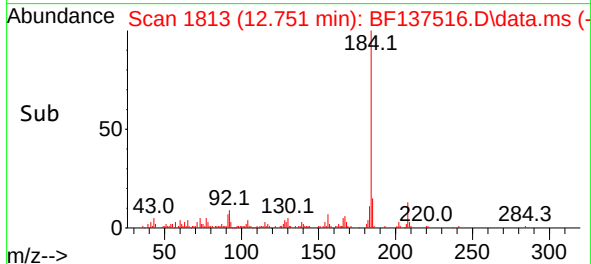
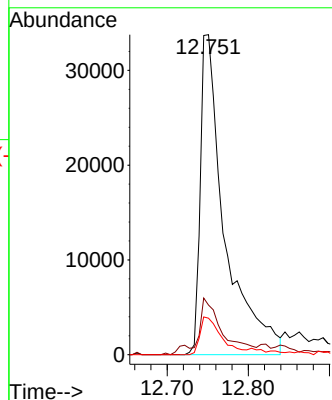
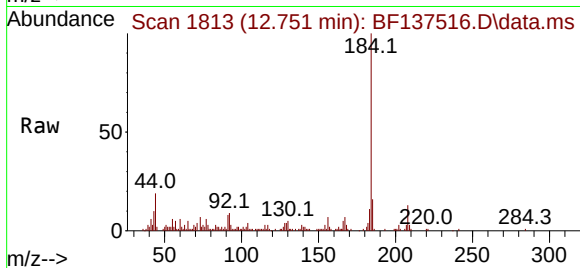




#77
Benzidine
Concen: 7.712 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.012 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

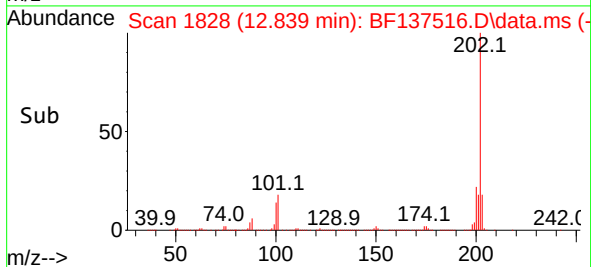
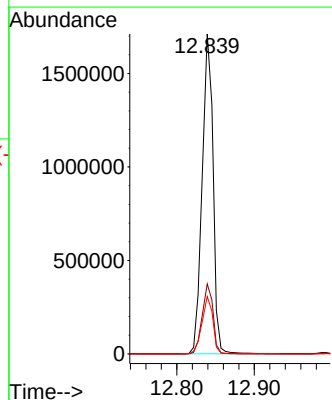
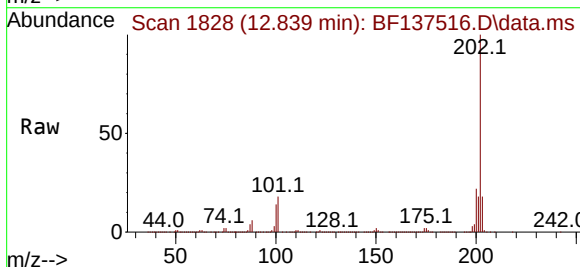
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

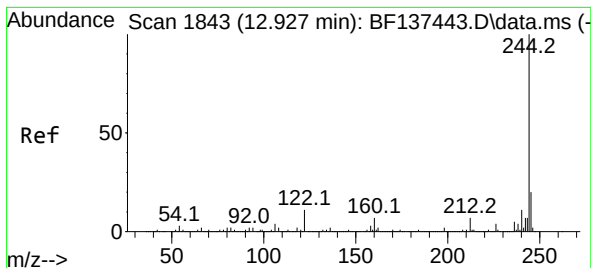
Tgt Ion:184 Resp: 70575
Ion Ratio Lower Upper
184 100
185 15.5 13.2 19.8
183 11.4 9.3 13.9



#78
Pyrene
Concen: 45.644 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:202 Resp: 1674796
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 84.939 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

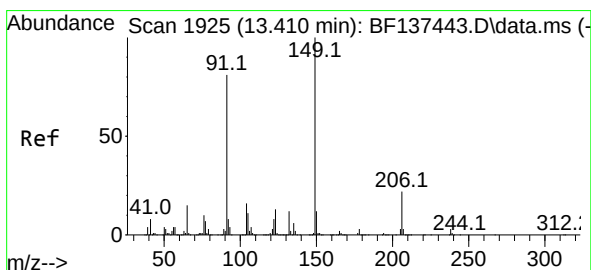
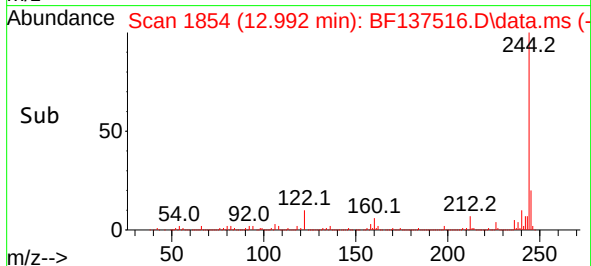
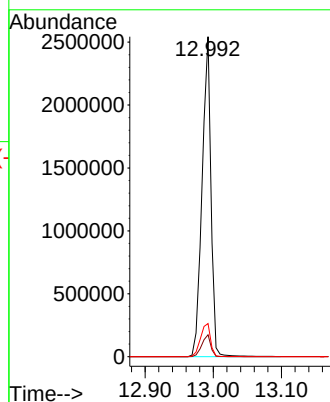
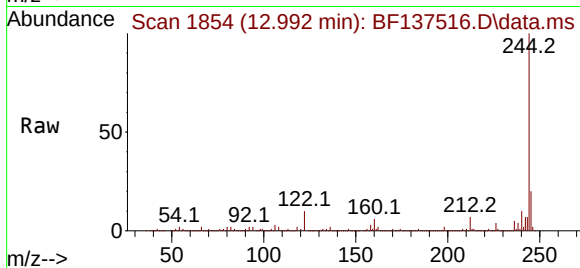
Tgt Ion:244 Resp: 2309810

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 63.263 ng

RT: 13.474 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

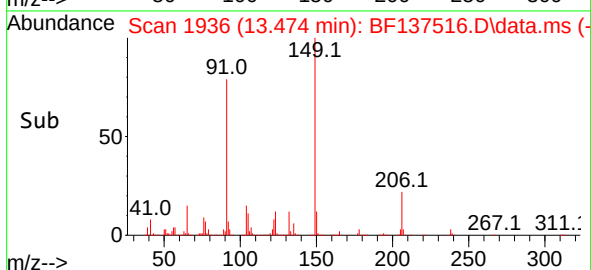
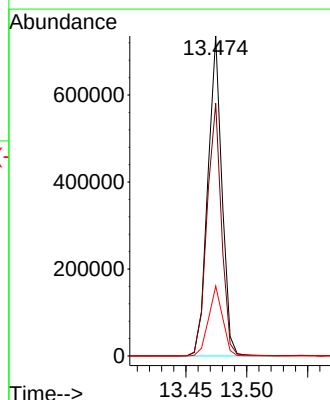
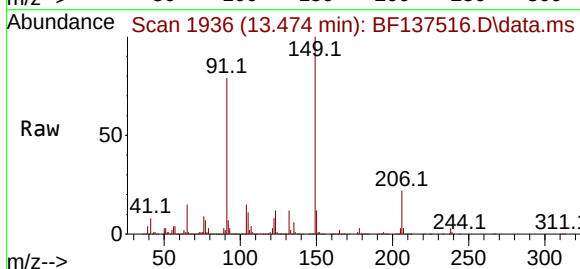
Tgt Ion:149 Resp: 592816

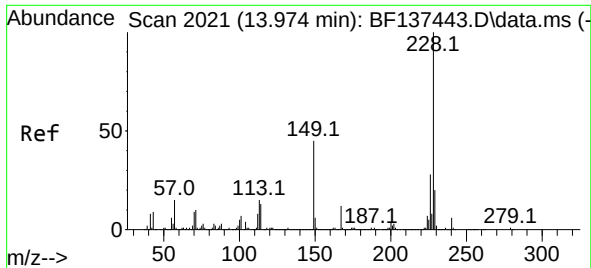
Ion Ratio Lower Upper

149 100

91 78.9 64.7 97.1

206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.849 ng

RT: 14.039 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

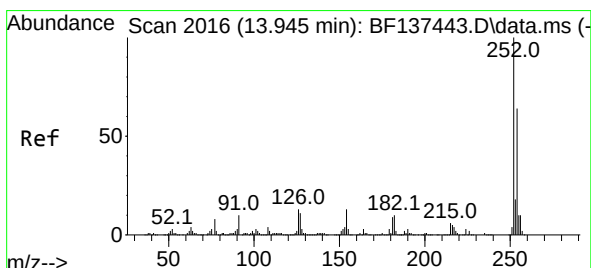
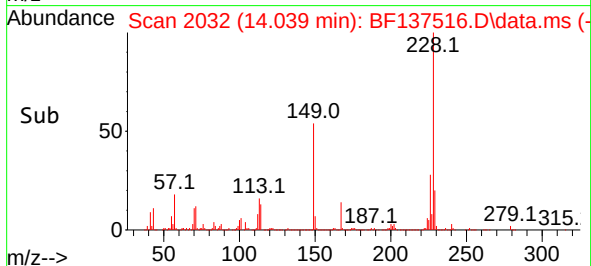
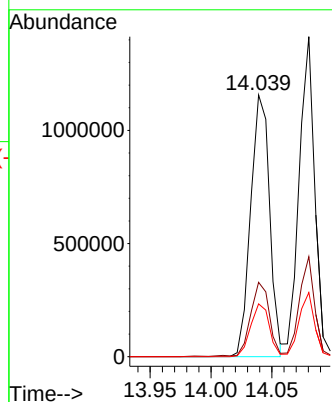
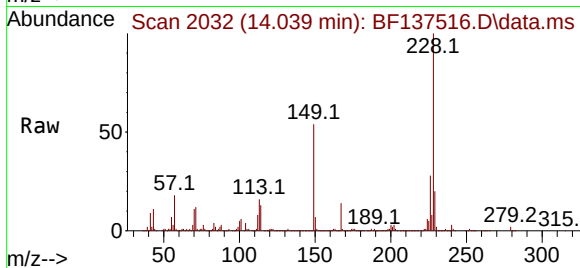
Tgt Ion:228 Resp: 1254096

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

229 20.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 39.992 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

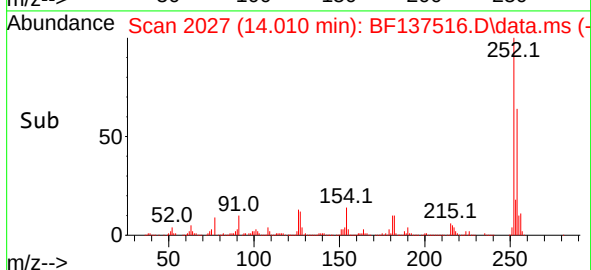
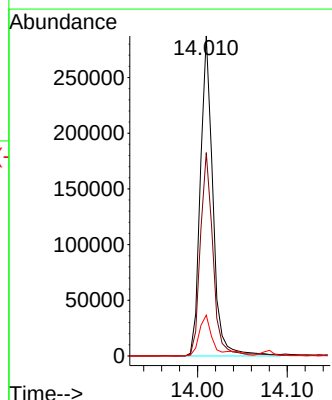
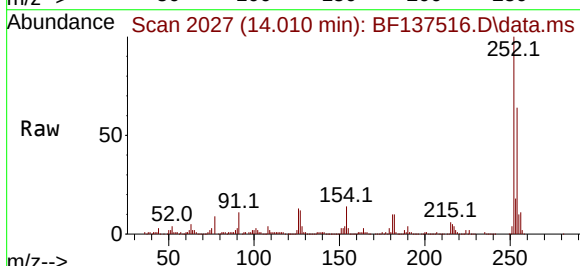
Tgt Ion:252 Resp: 279127

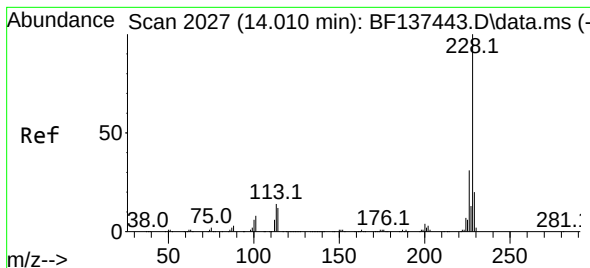
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

126 12.7 10.4 15.6





#83

Chrysene

Concen: 48.341 ng

RT: 14.080 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

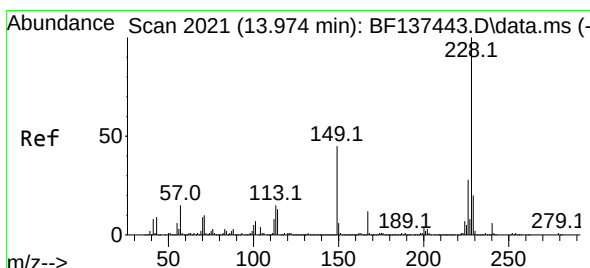
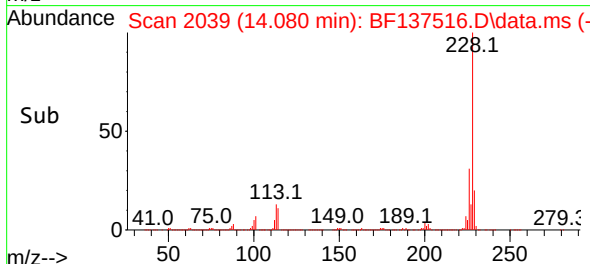
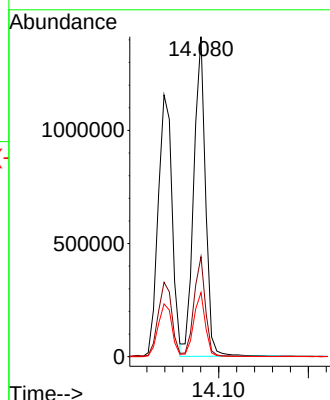
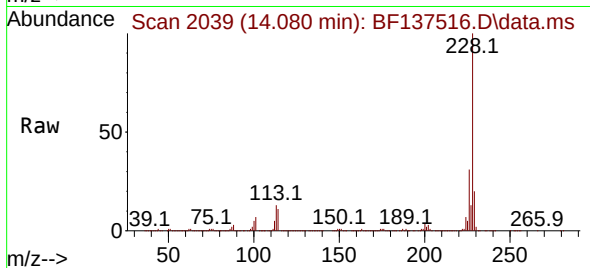
Tgt Ion:228 Resp: 1280543

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.627 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

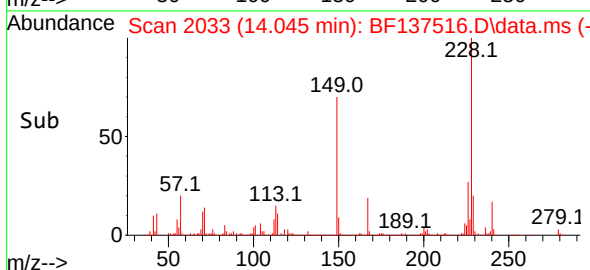
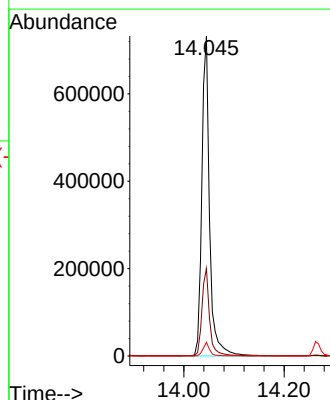
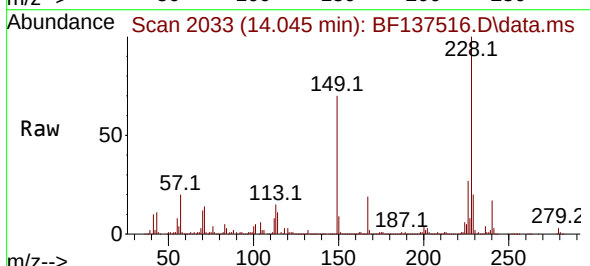
Tgt Ion:149 Resp: 781640

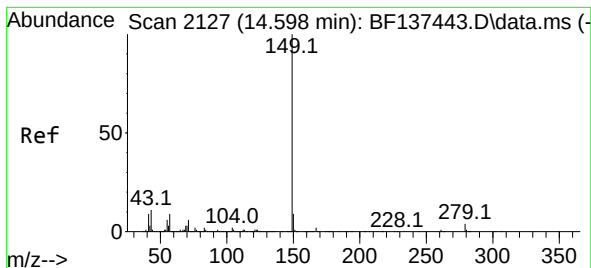
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 61.262 ng

RT: 14.669 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

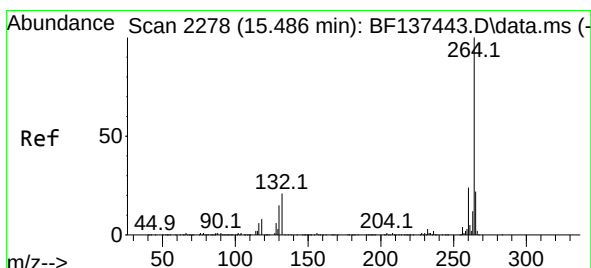
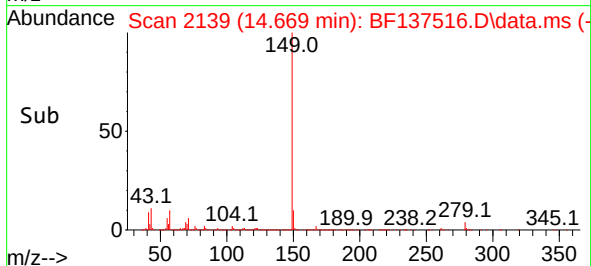
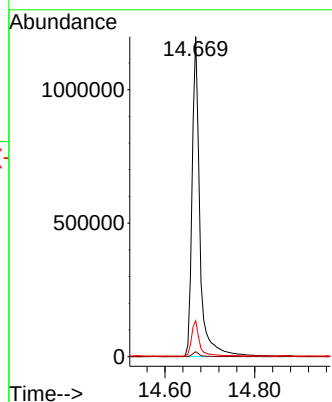
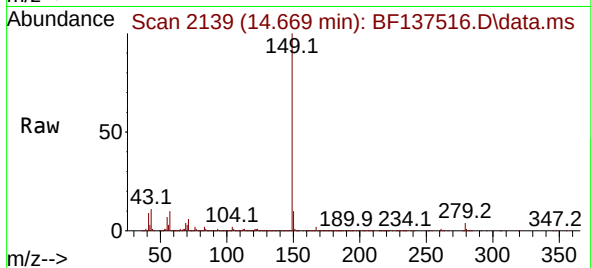
Tgt Ion:149 Resp: 1446510

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

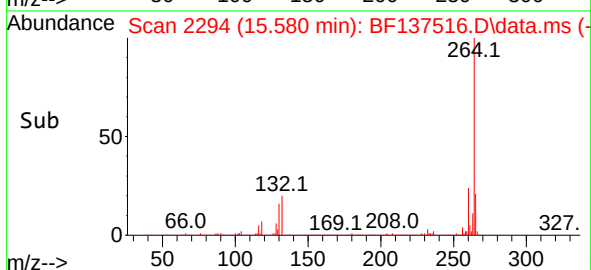
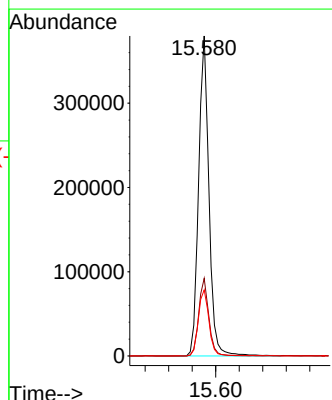
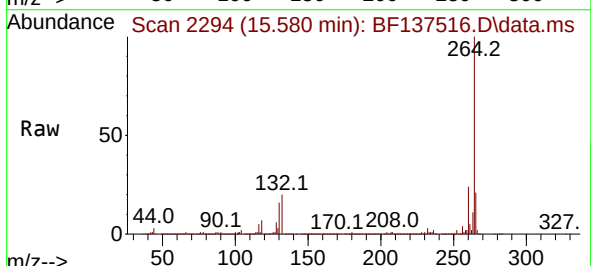
Tgt Ion:264 Resp: 463122

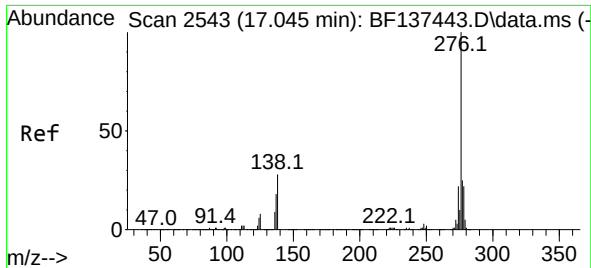
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 20.7 17.4 26.0

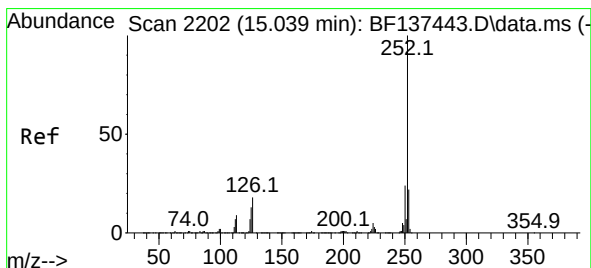
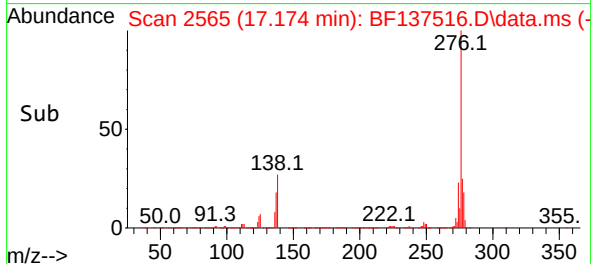
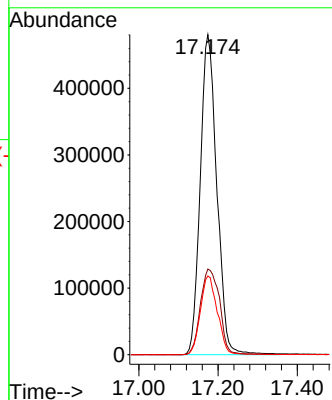
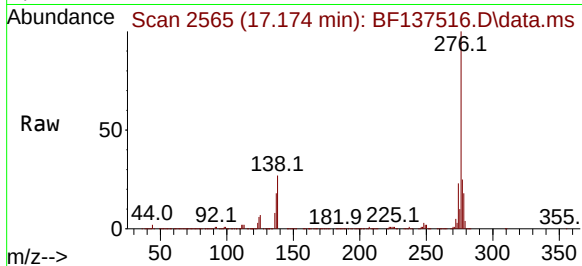




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.749 ng
RT: 17.174 min Scan# 2117
Delta R.T. 0.018 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

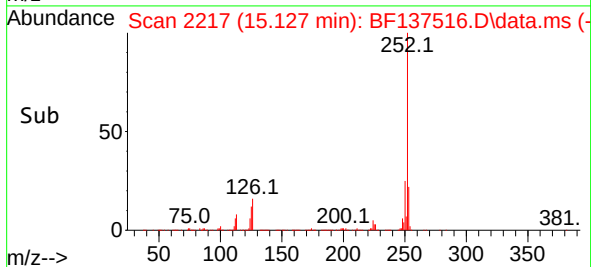
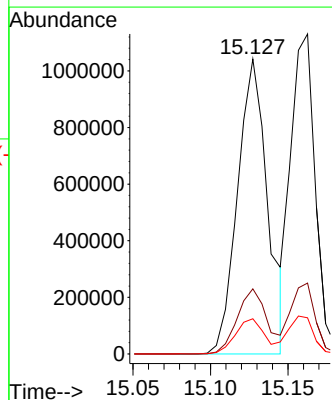
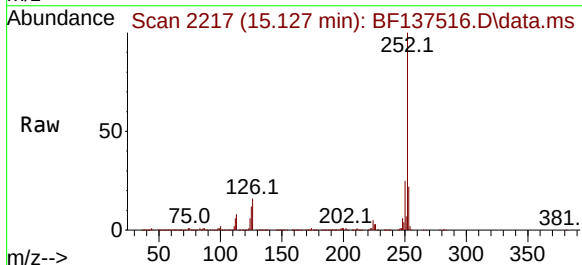
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

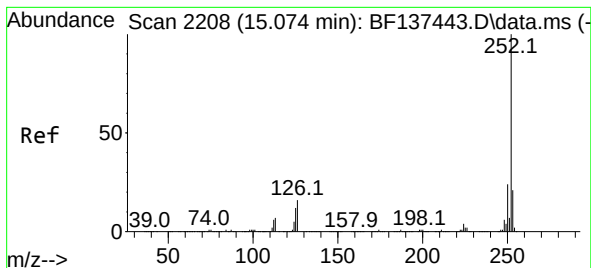
Tgt Ion:276 Resp: 1394269
Ion Ratio Lower Upper
276 100
138 31.0 25.8 38.8
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 51.271 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF137516.D
Acq: 06 Mar 2024 13:55

Tgt Ion:252 Resp: 1404587
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.0 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 42.917 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

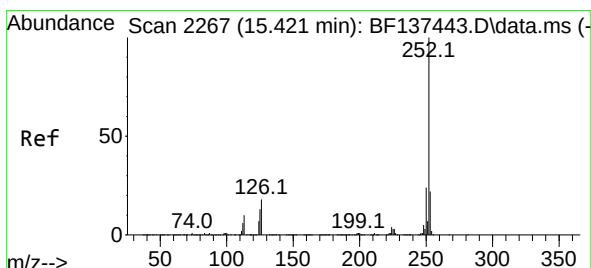
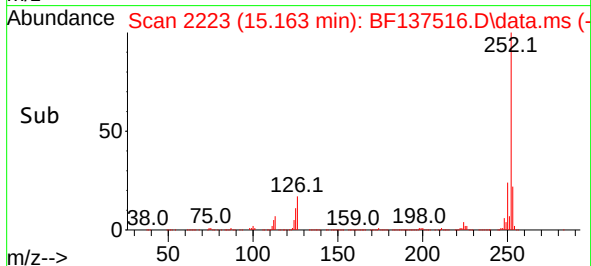
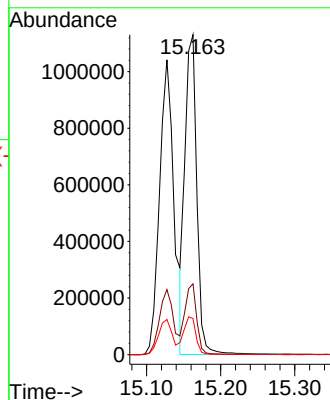
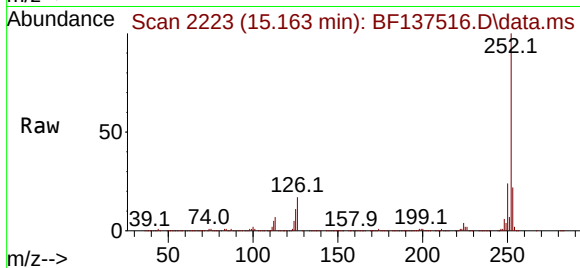
Tgt Ion:252 Resp: 1262857

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.3 9.6 14.4



#90

Benzo(a)pyrene

Concen: 48.205 ng

RT: 15.516 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

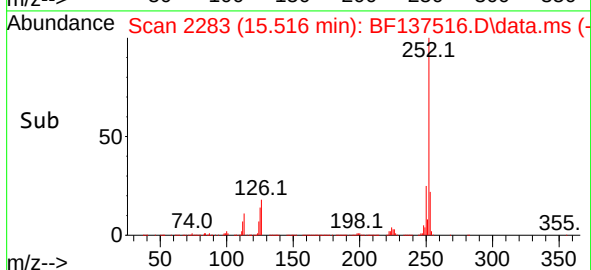
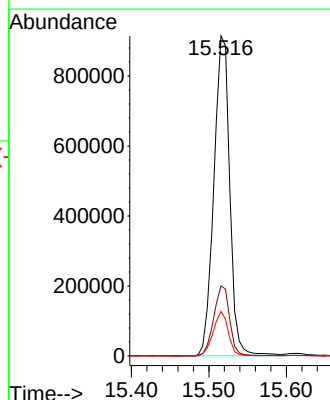
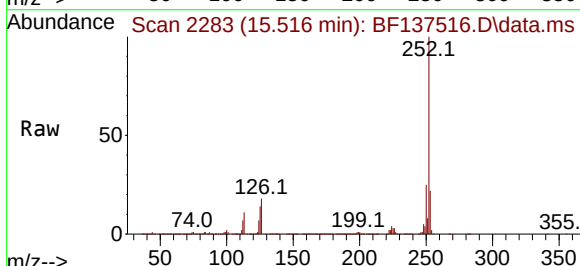
Tgt Ion:252 Resp: 1301384

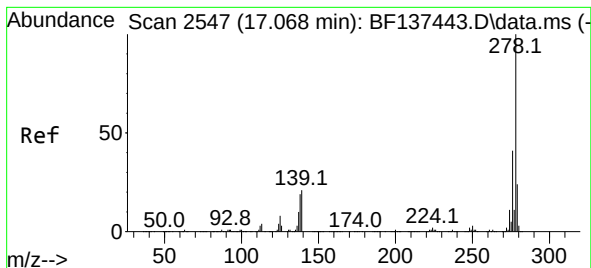
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 13.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 45.184 ng

RT: 17.204 min Scan# 2

Delta R.T. 0.024 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

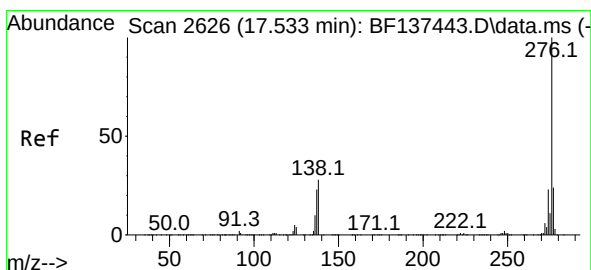
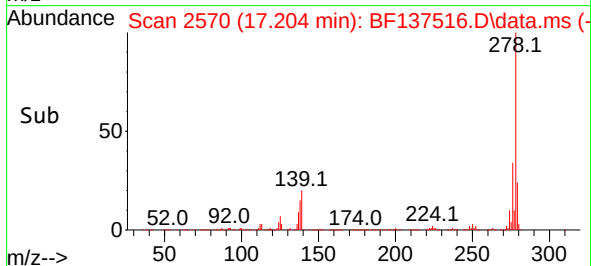
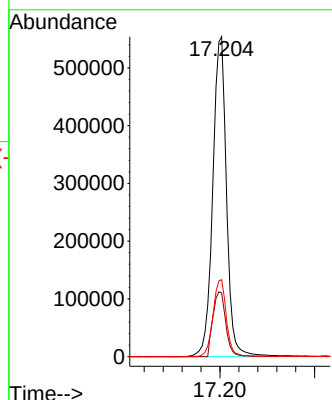
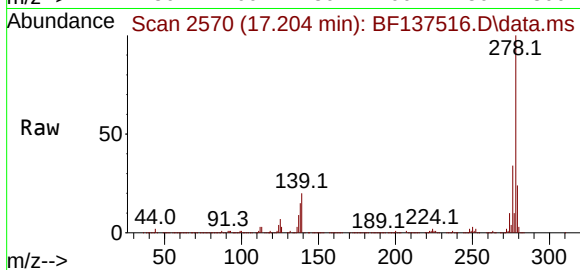
Tgt Ion:278 Resp: 1117086

Ion Ratio Lower Upper

278 100

139 19.9 17.0 25.6

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.238 ng

RT: 17.657 min Scan# 2647

Delta R.T. 0.018 min

Lab File: BF137516.D

Acq: 06 Mar 2024 13:55

Tgt Ion:276 Resp: 1021636

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 27.2 22.2 33.2

