

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137589.D
 Acq On : 14 Mar 2024 14:02
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 14 14:50:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	188280	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	706807	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	368532	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	590726	20.000	ng	0.00
76) Chrysene-d12	13.874	240	371393	20.000	ng	0.00
86) Perylene-d12	15.298	264	377614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1036298	83.361	ng	0.00
7) Phenol-d6	6.369	99	1406401	78.375	ng	0.00
23) Nitrobenzene-d5	7.298	82	1224850	80.519	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	257970	79.710	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1854107	78.754	ng	0.00
79) Terphenyl-d14	12.827	244	1836640	68.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	275858	40.583	ng	97
3) Pyridine	3.069	79	679482	41.448	ng	97
4) n-Nitrosodimethylamine	3.040	42	255969	39.295	ng	97
6) Aniline	6.393	93	870451	39.699	ng	99
8) 2-Chlorophenol	6.510	128	536096	40.886	ng	94
9) Benzaldehyde	6.281	77	349444	39.749	ng	95
10) Phenol	6.381	94	763562	39.534	ng	98
11) bis(2-Chloroethyl)ether	6.469	93	570997	40.343	ng	98
12) 1,3-Dichlorobenzene	6.669	146	559323	39.920	ng	96
13) 1,4-Dichlorobenzene	6.745	146	567177	39.564	ng	97
14) 1,2-Dichlorobenzene	6.898	146	519708	39.497	ng	98
15) Benzyl Alcohol	6.875	79	441467	39.517	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	878989	36.130	ng	98
17) 2-Methylphenol	6.987	107	483555	39.412	ng	99
18) Hexachloroethane	7.234	117	194802	41.269	ng	92
19) n-Nitroso-di-n-propyla...	7.145	70	393757	35.534	ng	98
20) 3+4-Methylphenols	7.145	107	545780	38.840	ng	95
22) Acetophenone	7.140	105	675737	39.513	ng	# 98
24) Nitrobenzene	7.316	77	616937	40.372	ng	96
25) Isophorone	7.551	82	1085853	37.573	ng	99
26) 2-Nitrophenol	7.628	139	247377	40.775	ng	98
27) 2,4-Dimethylphenol	7.669	122	456694	40.287	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	675162	39.817	ng	98
29) 2,4-Dichlorophenol	7.869	162	427184	41.060	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	444850	40.631	ng	98
31) Naphthalene	8.034	128	1505188	39.691	ng	99
32) Benzoic acid	7.798	122	177112	29.869	ng	100
33) 4-Chloroaniline	8.087	127	599757	40.333	ng	99
34) Hexachlorobutadiene	8.145	225	262529	40.616	ng	99
35) Caprolactam	8.457	113	137922	39.095	ng	94
36) 4-Chloro-3-methylphenol	8.569	107	445959	38.347	ng	100
37) 2-Methylnaphthalene	8.722	142	944374	39.063	ng	99
38) 1-Methylnaphthalene	8.822	142	882589	38.766	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	434319	42.214	ng	100
41) Hexachlorocyclopentadiene	8.869	237	143863	38.975	ng	98
43) 2,4,6-Trichlorophenol	8.998	196	276710	41.300	ng	98

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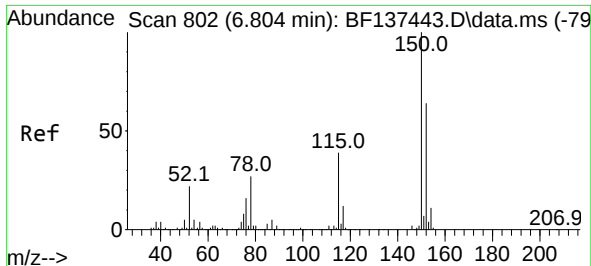
Quant Time: Mar 14 14:50:21 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	313244	40.586	ng	97
46) 1,1'-Biphenyl	9.187	154	1094833	40.590	ng	99
47) 2-Chloronaphthalene	9.210	162	844481	41.064	ng	100
48) 2-Nitroaniline	9.310	65	289227	41.378	ng	97
49) Acenaphthylene	9.622	152	1324446	40.243	ng	99
50) Dimethylphthalate	9.492	163	1001871	39.053	ng	99
51) 2,6-Dinitrotoluene	9.551	165	218897	40.795	ng	99
52) Acenaphthene	9.792	154	773362	39.361	ng	99
53) 3-Nitroaniline	9.722	138	235672	41.523	ng	95
54) 2,4-Dinitrophenol	9.828	184	68464	31.695	ng	97
55) Dibenzofuran	9.969	168	1172556	39.182	ng	97
56) 4-Nitrophenol	9.886	139	133614	35.744	ng	94
57) 2,4-Dinitrotoluene	9.957	165	272304	41.306	ng	97
58) Fluorene	10.310	166	874864	38.067	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	241134	38.961	ng	94
60) Diethylphthalate	10.186	149	916412	37.828	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	426384	37.856	ng	94
62) 4-Nitroaniline	10.334	138	182378	37.387	ng	99
63) Azobenzene	10.463	77	1027845	36.846	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	135406	41.127	ng	82
66) n-Nitrosodiphenylamine	10.422	169	779031	40.954	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	269564	41.896	ng	98
68) Hexachlorobenzene	10.851	284	266415	40.996	ng	96
69) Atrazine	10.951	200	235106	40.657	ng	98
70) Pentachlorophenol	11.045	266	155083	39.477	ng	98
71) Phenanthrene	11.269	178	1282954	39.907	ng	100
72) Anthracene	11.316	178	1333702	40.393	ng	98
73) Carbazole	11.475	167	1147438	40.571	ng	99
74) Di-n-butylphthalate	11.810	149	1322698	39.308	ng	100
75) Fluoranthene	12.451	202	1242957	39.554	ng	100
77) Benzidine	12.580	184	175105	19.266	ng	98
78) Pyrene	12.680	202	1271601	34.894	ng	100
80) Butylbenzylphthalate	13.304	149	411929	44.261	ng	98
81) Benzo(a)anthracene	13.869	228	1016493	39.050	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	322239	46.486	ng	99
83) Chrysene	13.904	228	1037472	39.434	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	558085	47.179	ng	100
85) Di-n-octyl phthalate	14.474	149	963708	42.941	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	918680	36.970	ng	98
88) Benzo(b)fluoranthene	14.892	252	886722	39.697	ng	98
89) Benzo(k)fluoranthene	14.921	252	935944	39.010	ng	98
90) Benzo(a)pyrene	15.239	252	882594	40.095	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	740944	36.756	ng	98
92) Benzo(g,h,i)perylene	17.104	276	768327	37.113	ng	98

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

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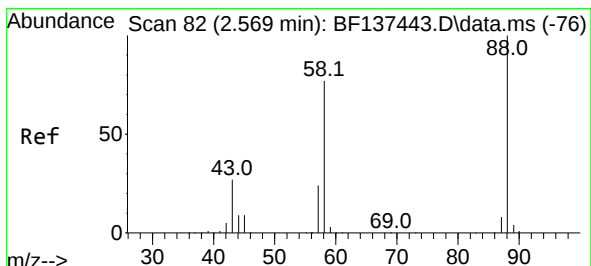
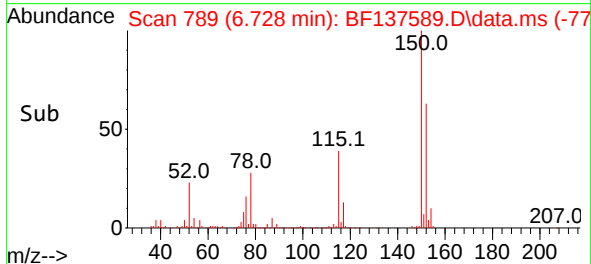
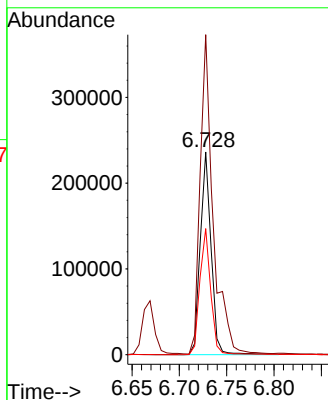
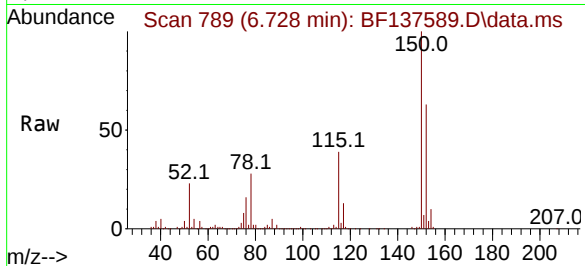




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

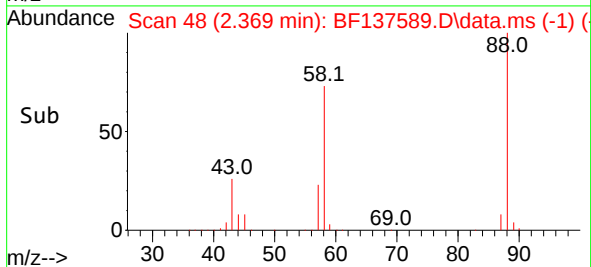
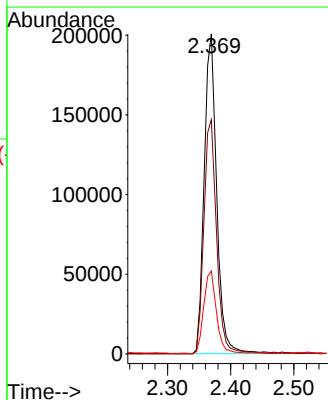
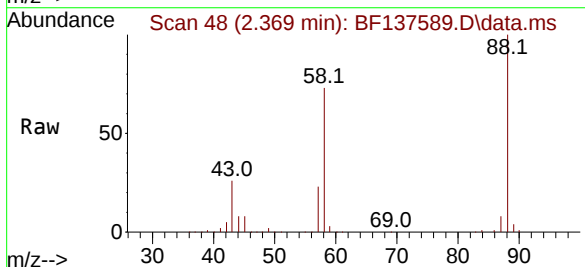
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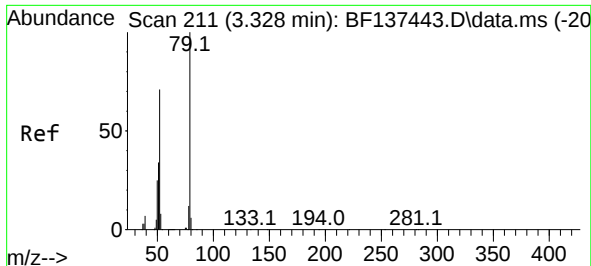
Tgt Ion:152 Resp: 188280
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.8 188.6
 115 62.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 40.583 ng
 RT: 2.369 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

Tgt Ion: 88 Resp: 275858
 Ion Ratio Lower Upper
 88 100
 58 74.8 61.8 92.8
 43 26.2 22.2 33.4

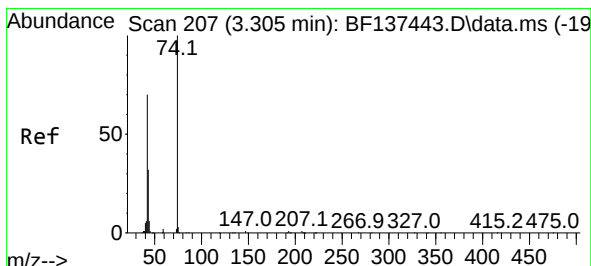
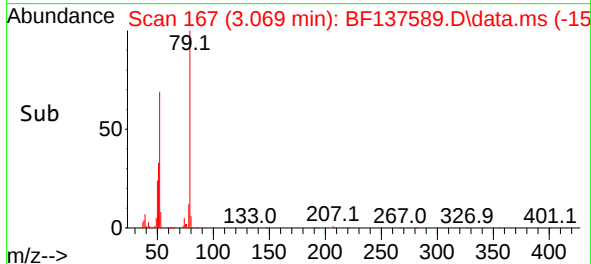
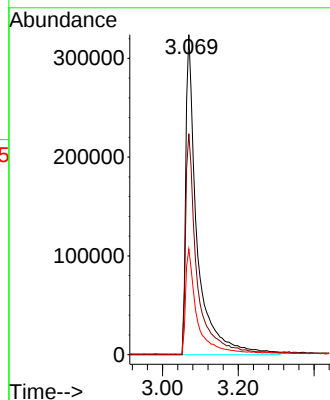
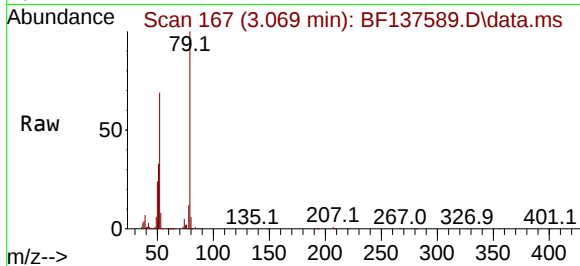




#3
 Pyridine
 Concen: 41.448 ng
 RT: 3.069 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

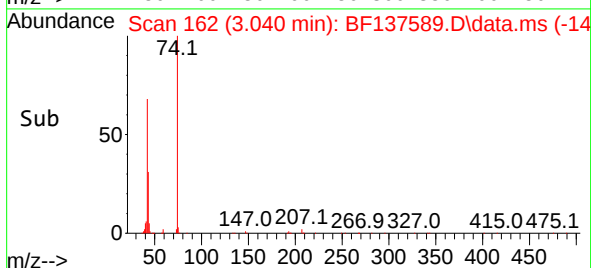
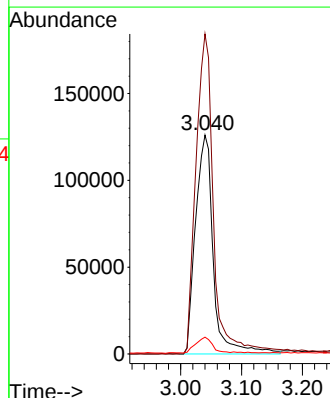
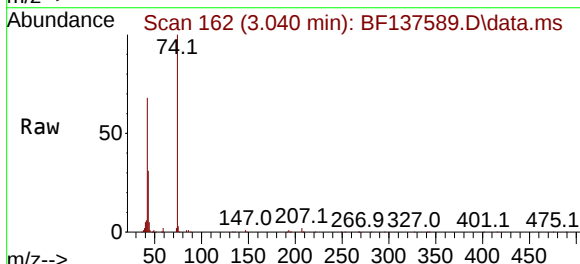
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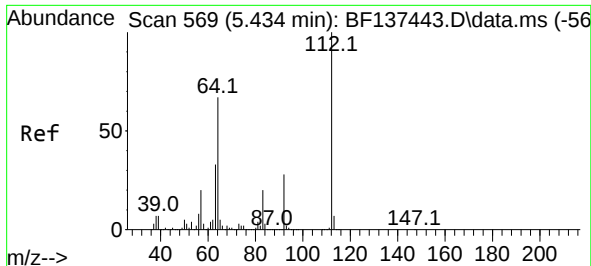
Tgt Ion: 79 Resp: 679482
 Ion Ratio Lower Upper
 79 100
 52 69.1 57.0 85.4
 51 33.0 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 39.295 ng
 RT: 3.040 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

Tgt Ion: 42 Resp: 255969
 Ion Ratio Lower Upper
 42 100
 74 146.2 114.0 171.0
 44 7.7 7.0 10.4

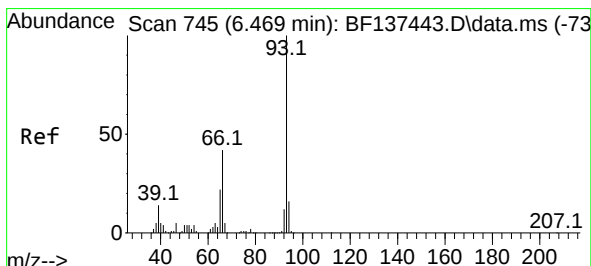
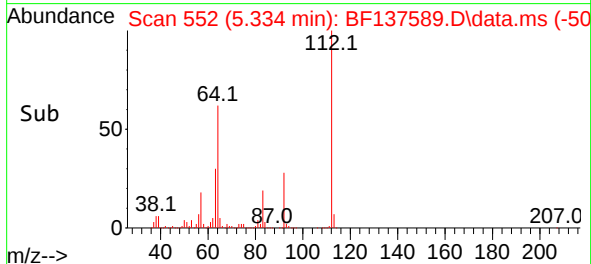
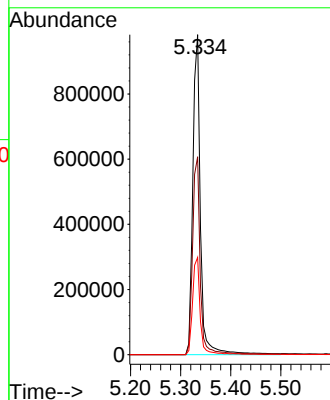
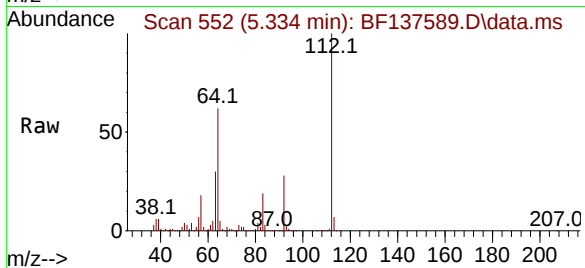




#5
2-Fluorophenol
Concen: 83.361 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

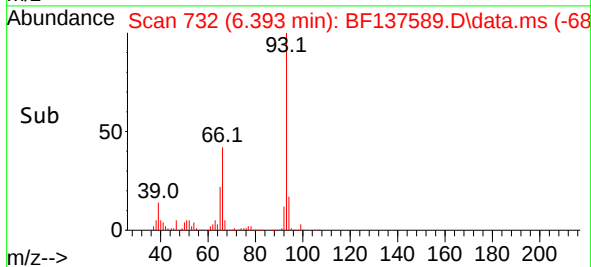
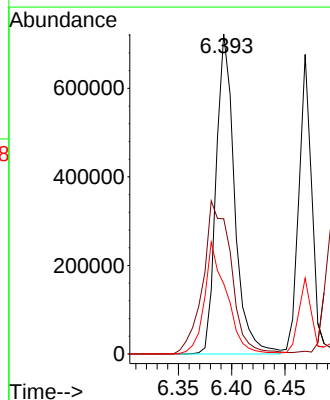
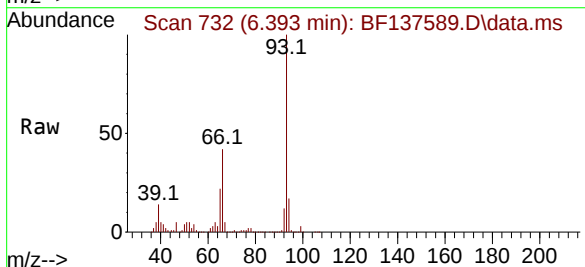
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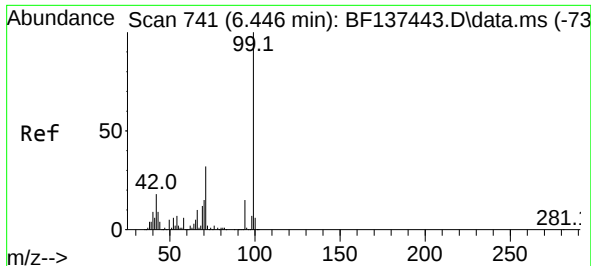
Tgt Ion:112 Resp: 1036298
Ion Ratio Lower Upper
112 100
64 61.8 53.4 80.2
63 30.4 26.2 39.2



#6
Aniline
Concen: 39.699 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 93 Resp: 870451
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.9 17.8 26.8

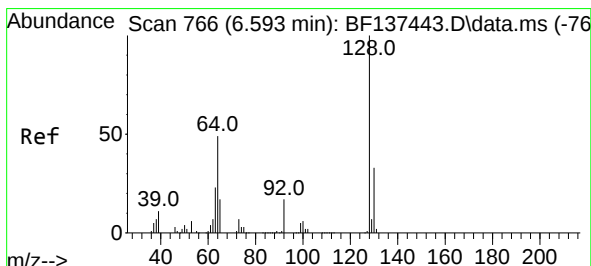
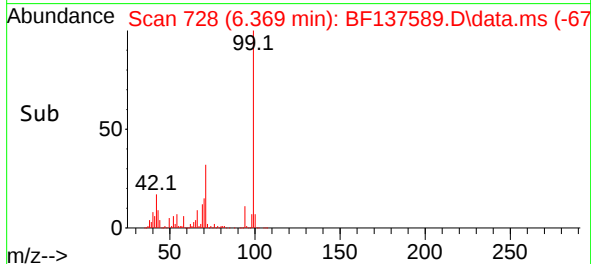
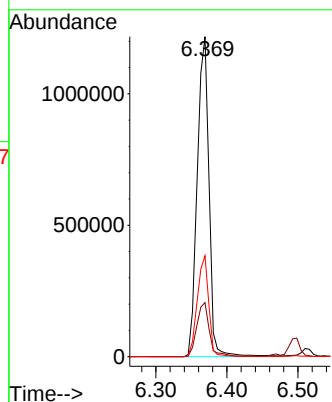
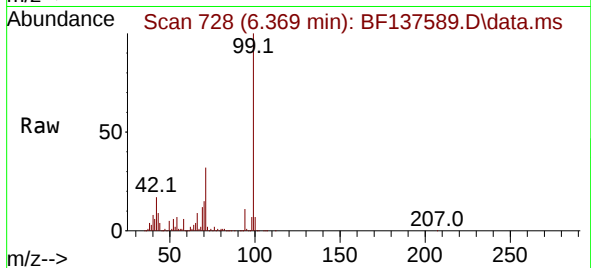




#7
Phenol-d6
Concen: 78.375 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

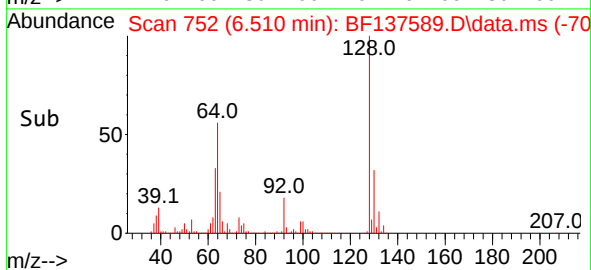
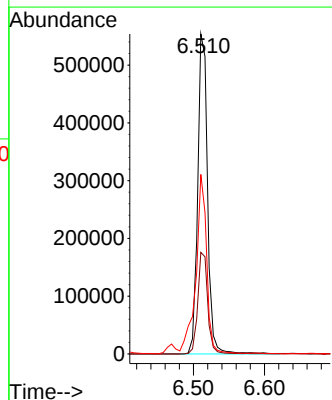
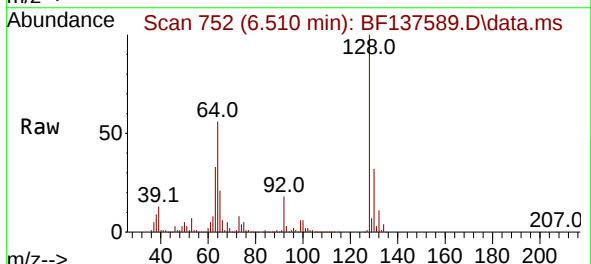
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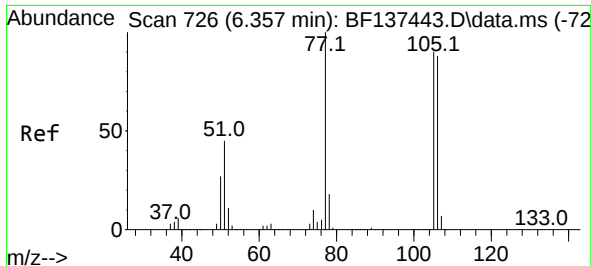
Tgt Ion: 99 Resp: 1406401
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 31.5 25.3 37.9



#8
2-Chlorophenol
Concen: 40.886 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 128 Resp: 536096
Ion Ratio Lower Upper
128 100
130 31.7 13.4 53.4
64 56.1 30.0 70.0





#9

Benzaldehyde

Concen: 39.749 ng

RT: 6.281 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

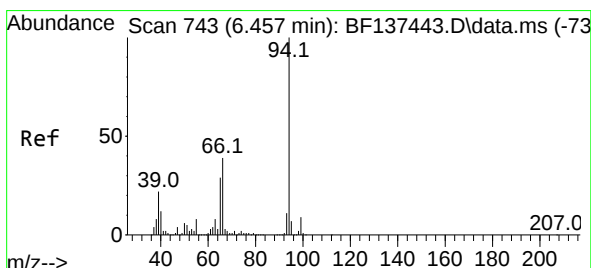
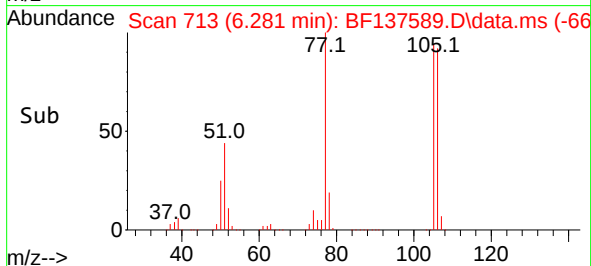
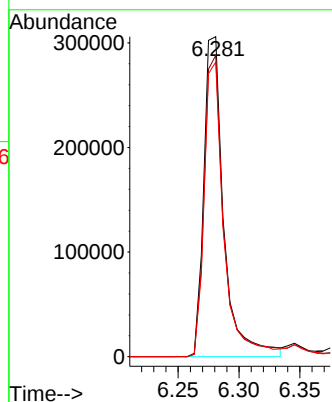
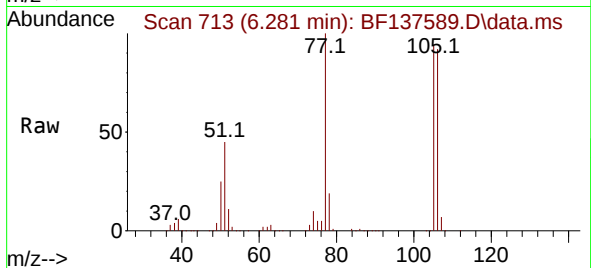
Tgt Ion: 77 Resp: 349444

Ion Ratio Lower Upper

77 100

105 94.1 69.8 109.8

106 92.0 67.8 107.8



#10

Phenol

Concen: 39.534 ng

RT: 6.381 min Scan# 730

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

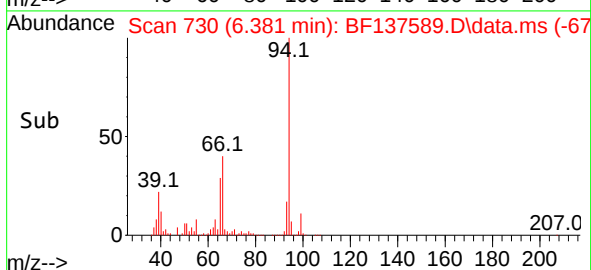
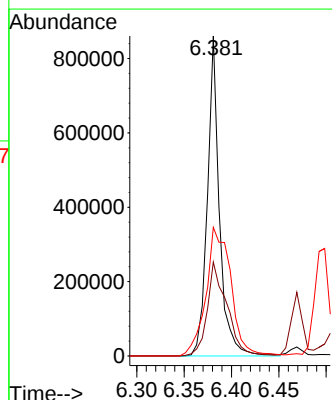
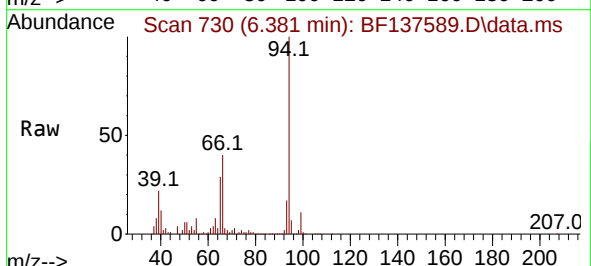
Tgt Ion: 94 Resp: 763562

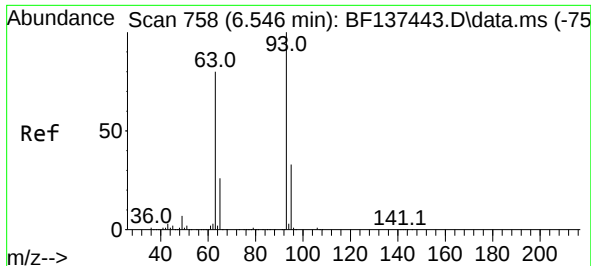
Ion Ratio Lower Upper

94 100

65 29.4 8.7 48.7

66 40.2 18.6 58.6

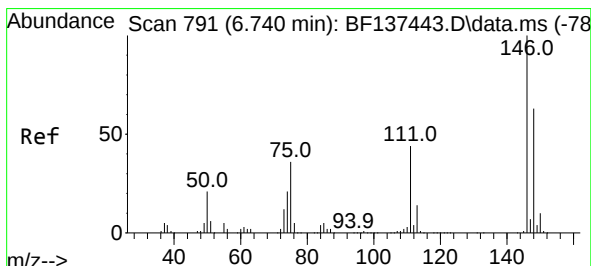
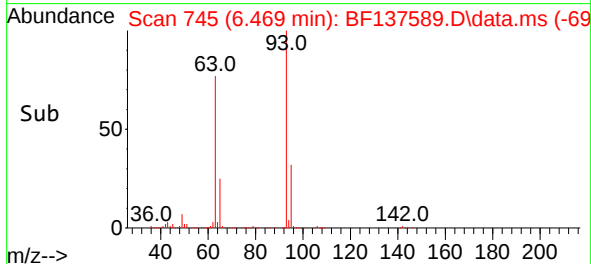
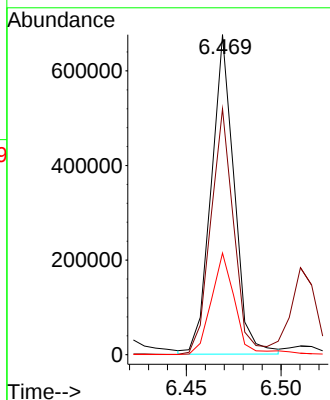
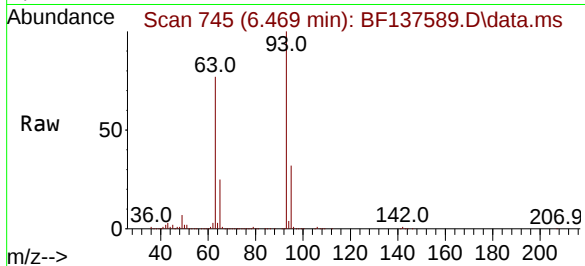




#11
bis(2-Chloroethyl)ether
Concen: 40.343 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

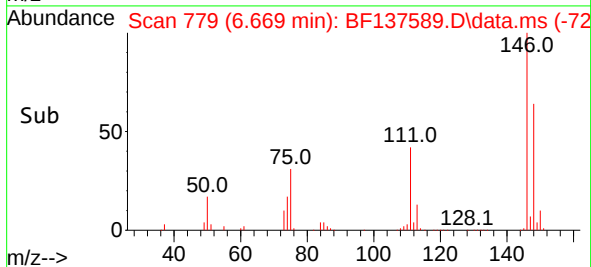
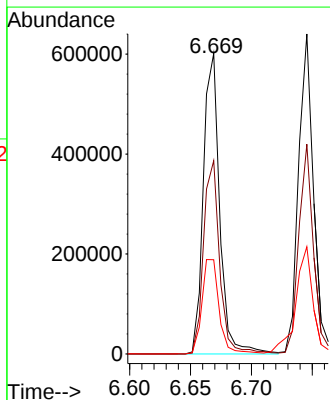
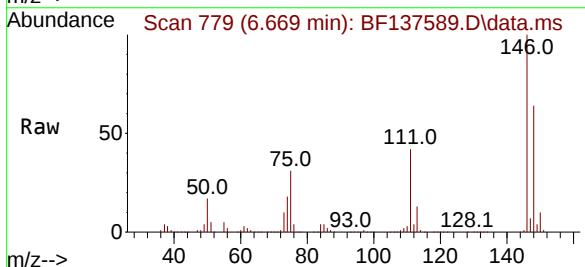
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

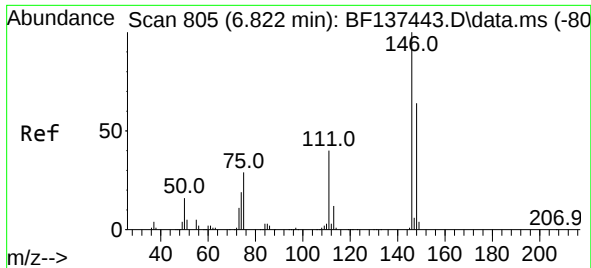
Tgt Ion: 93 Resp: 570997
Ion Ratio Lower Upper
93 100
63 76.9 58.9 98.9
95 31.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.920 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 146 Resp: 559323
Ion Ratio Lower Upper
146 100
148 64.3 50.3 75.5
75 31.4 29.0 43.4

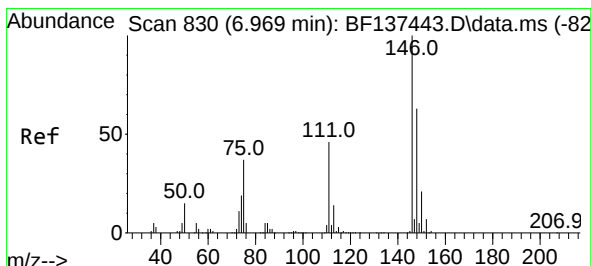
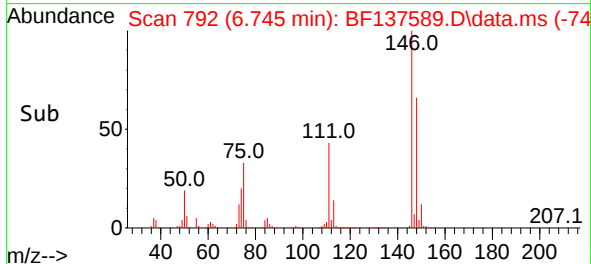
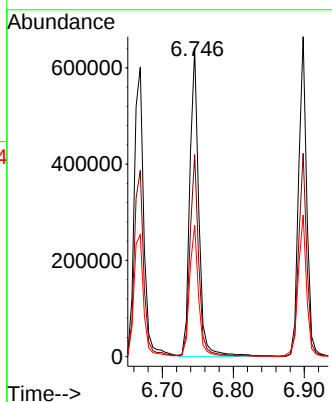
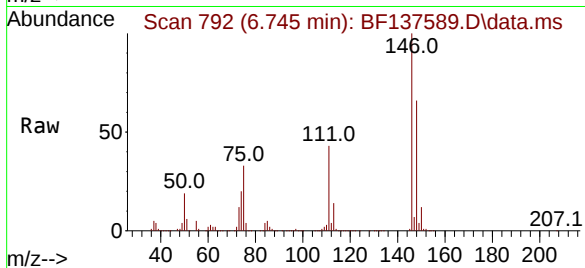




#13
1,4-Dichlorobenzene
Concen: 39.564 ng
RT: 6.745 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

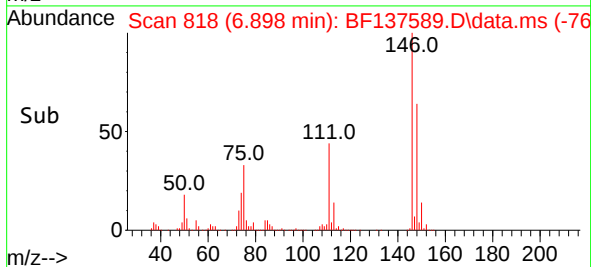
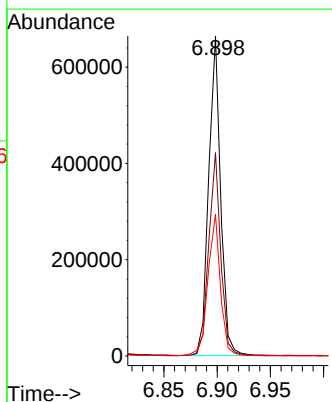
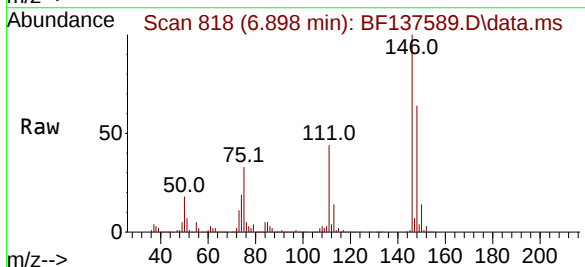
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

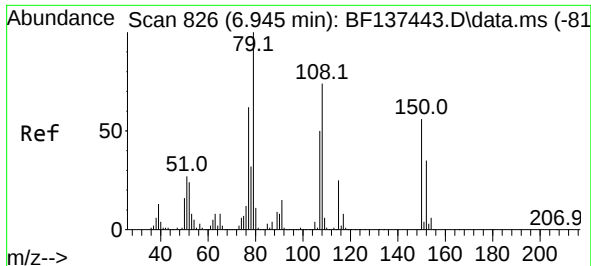
Tgt Ion:146 Resp: 567177
Ion Ratio Lower Upper
146 100
148 65.6 51.2 76.8
111 42.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 39.497 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:146 Resp: 519708
Ion Ratio Lower Upper
146 100
148 63.6 50.0 75.0
111 44.3 36.8 55.2

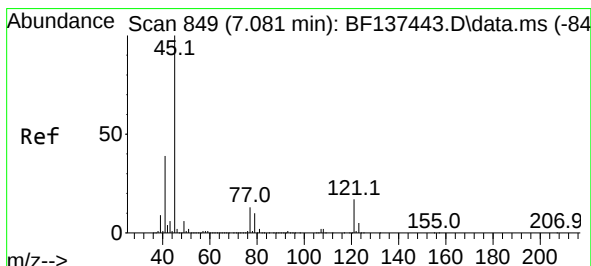
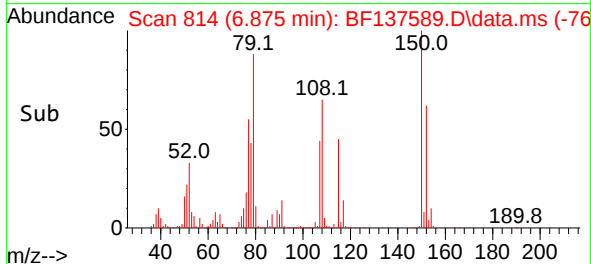
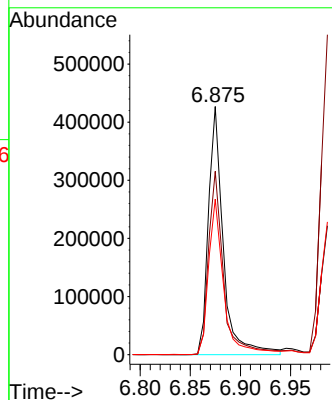
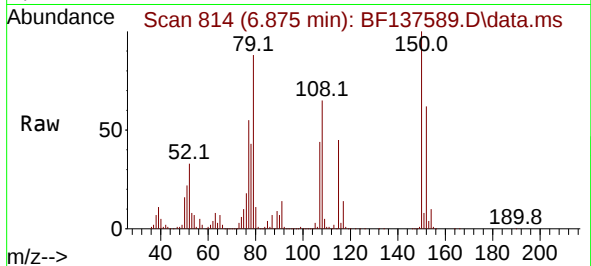




#15
Benzyl Alcohol
Concen: 39.517 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

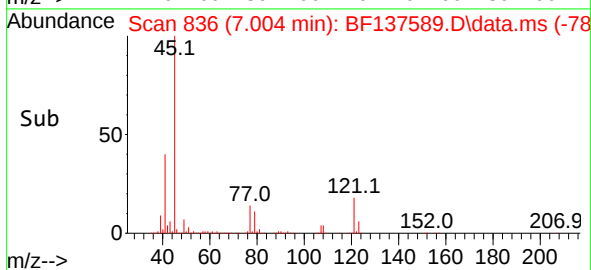
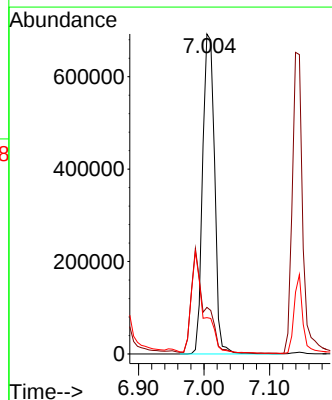
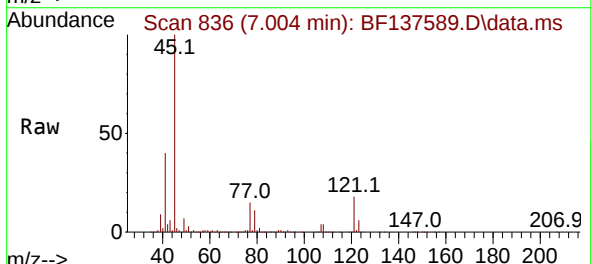
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

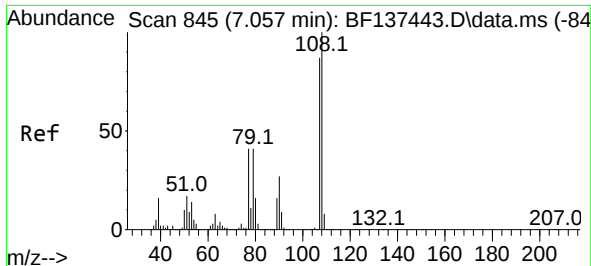
Tgt Ion: 79 Resp: 441467
Ion Ratio Lower Upper
79 100
108 73.9 59.5 89.3
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.130 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 45 Resp: 878989
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.4
79 11.4 0.0 30.9





#17

2-Methylphenol

Concen: 39.412 ng

RT: 6.987 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 483555

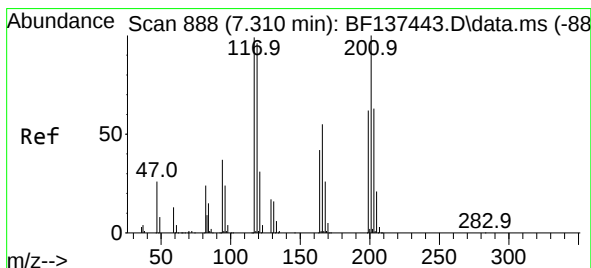
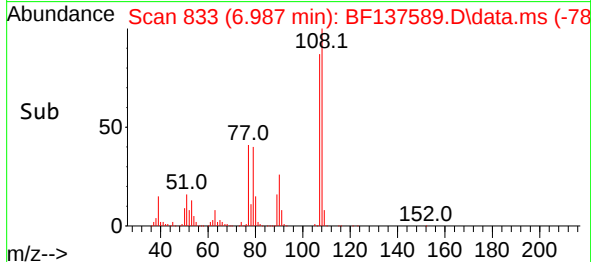
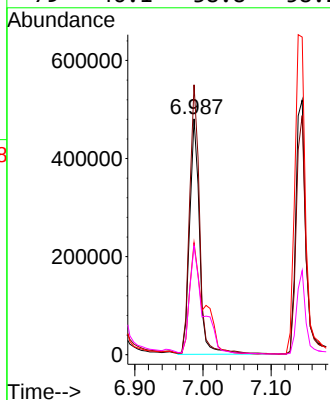
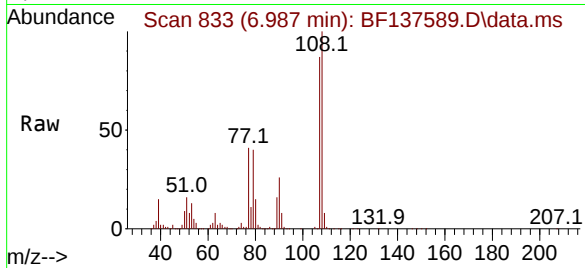
Ion Ratio Lower Upper

107 100

108 114.4 92.2 138.4

77 47.5 38.6 57.8

79 46.1 38.8 58.2



#18

Hexachloroethane

Concen: 41.269 ng

RT: 7.234 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

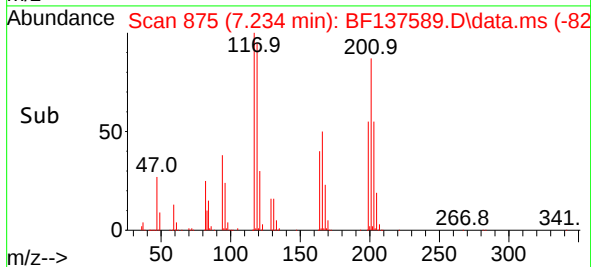
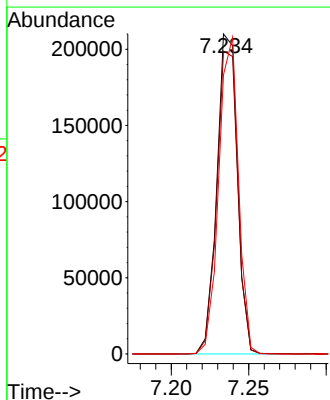
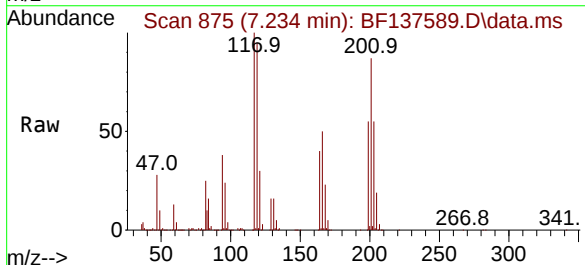
Tgt Ion:117 Resp: 194802

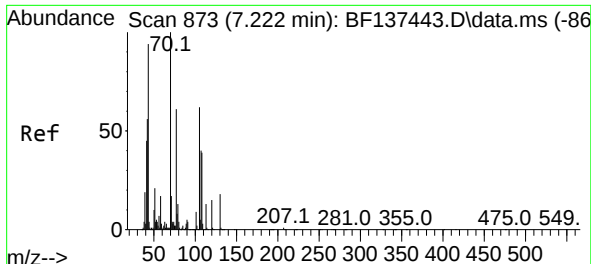
Ion Ratio Lower Upper

117 100

119 94.6 77.5 116.3

201 87.3 80.6 121.0



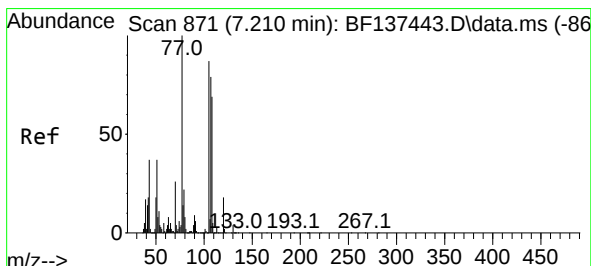
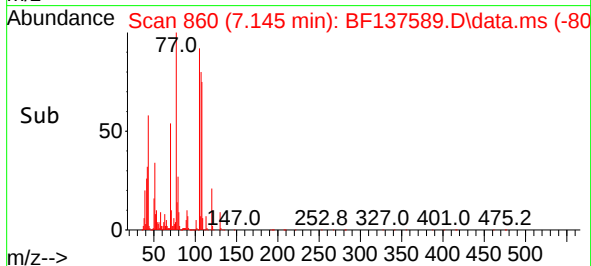
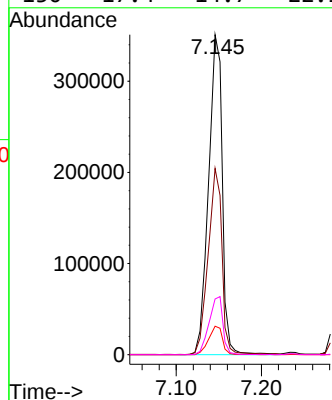
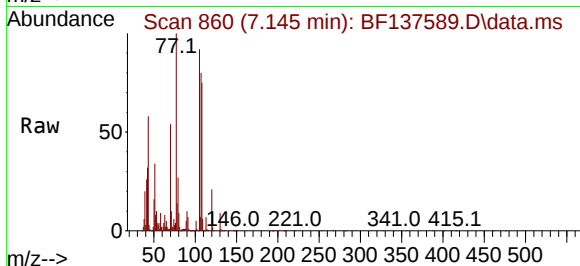


#19
n-Nitroso-di-n-propylamine
Concen: 35.534 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 393757

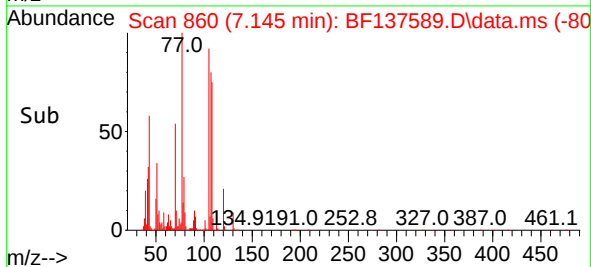
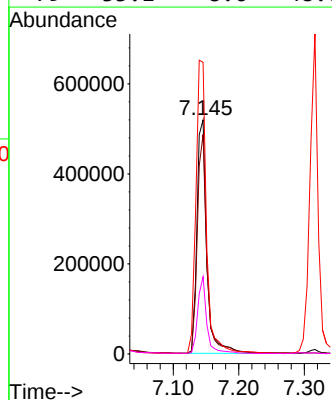
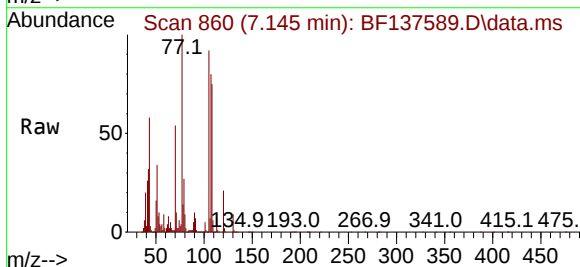
Ion	Ratio	Lower	Upper
70	100		
42	58.2	45.2	67.8
101	8.9	7.3	10.9
130	17.4	14.7	22.1

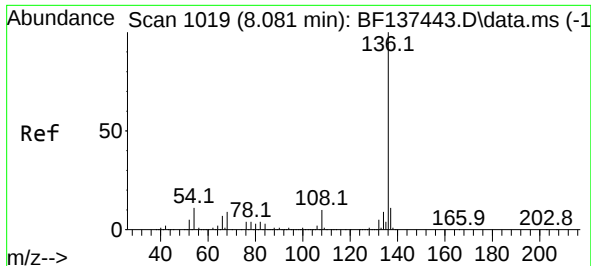


#20
3+4-Methylphenols
Concen: 38.840 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 107 Resp: 545780

Ion	Ratio	Lower	Upper
107	100		
108	93.9	67.6	107.6
77	124.7	107.1	147.1
79	33.1	8.6	48.6

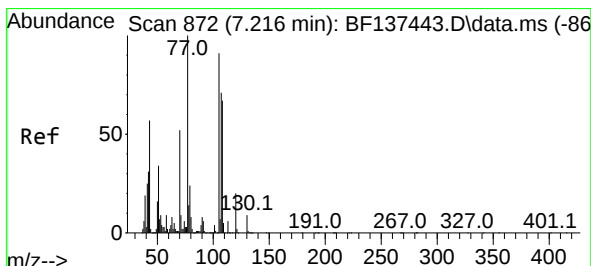
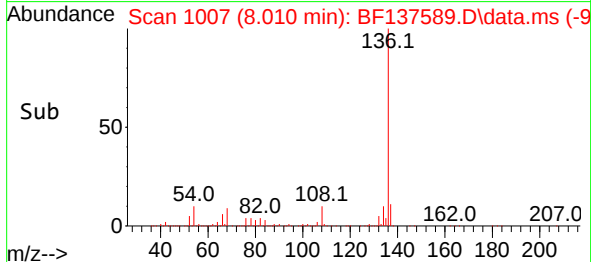
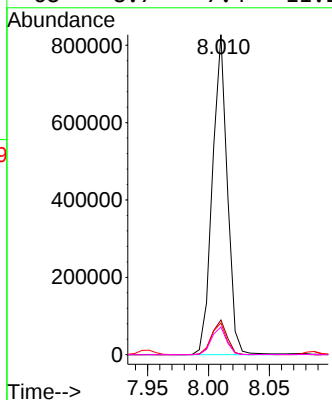
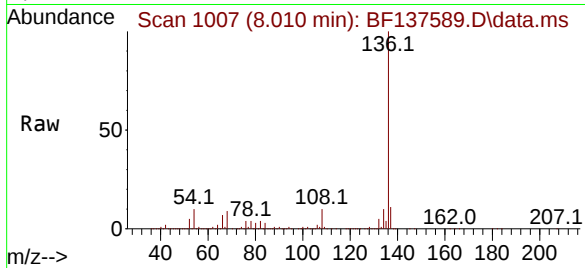




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

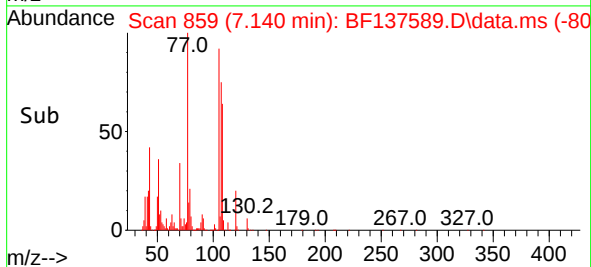
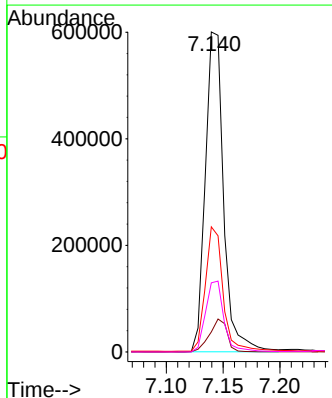
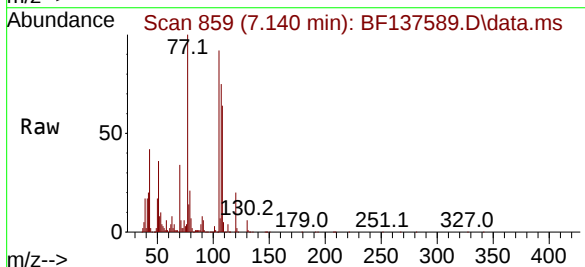
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

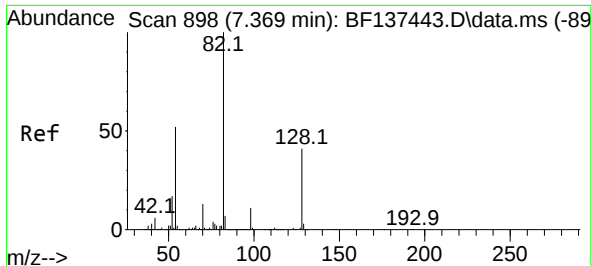
Tgt Ion:136 Resp: 706807
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.9 8.5 12.7
68 8.7 7.4 11.2



#22
Acetophenone
Concen: 39.513 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:105 Resp: 675737
Ion Ratio Lower Upper
105 100
71 6.3 7.7 11.5#
51 39.1 30.4 45.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.519 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

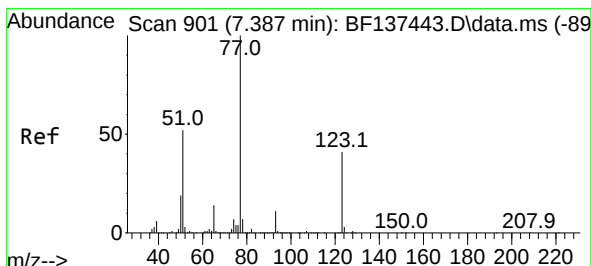
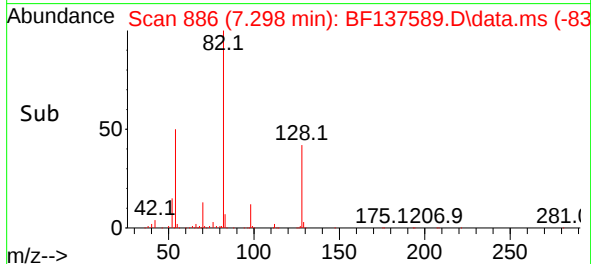
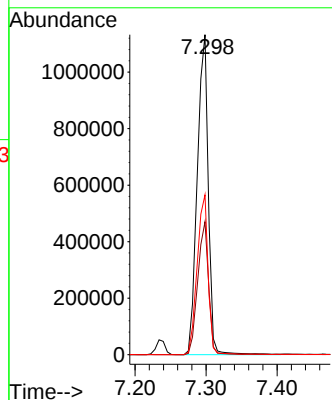
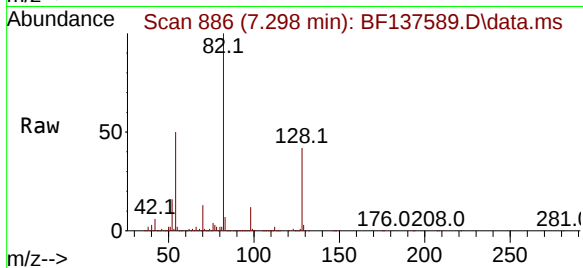
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1224850

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.5	48.7
54	49.9	41.5	62.3



#24

Nitrobenzene

Concen: 40.372 ng

RT: 7.316 min Scan# 889

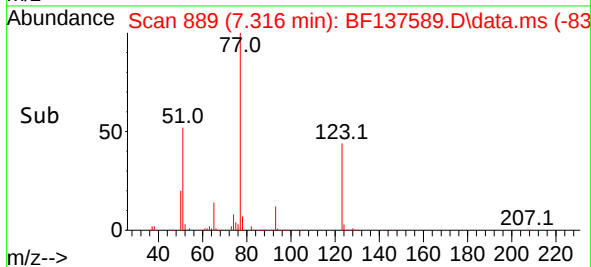
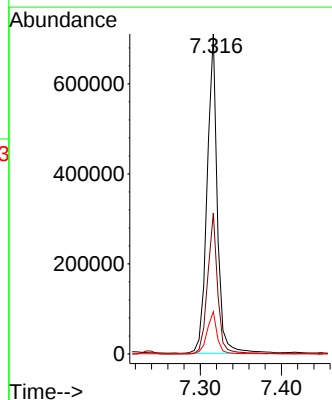
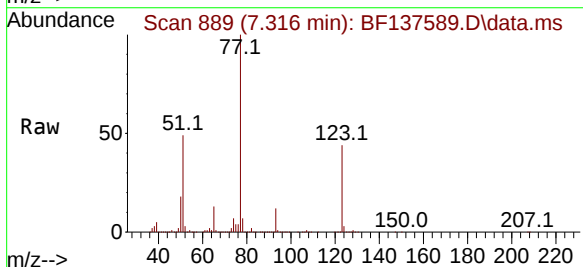
Delta R.T. 0.000 min

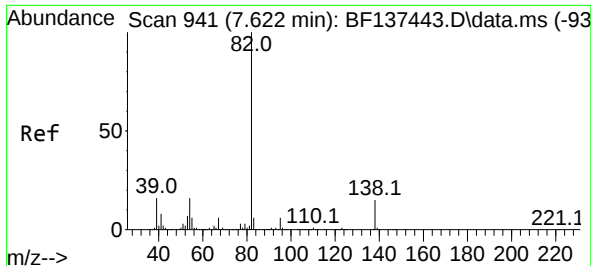
Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Tgt Ion: 77 Resp: 616937

Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.0	49.6
65	13.2	10.9	16.3

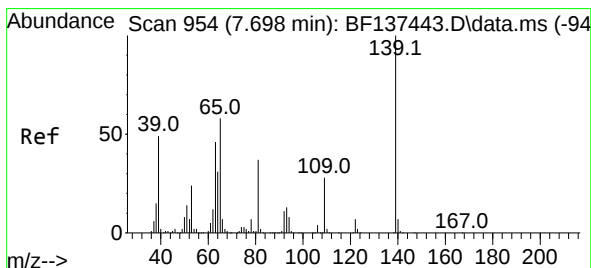
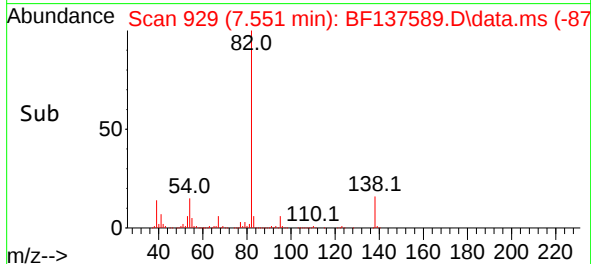
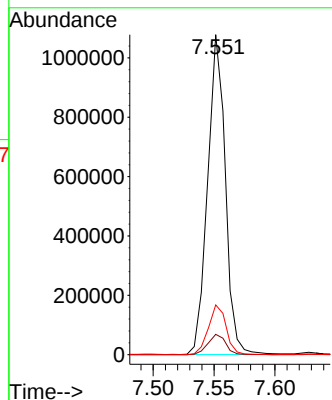
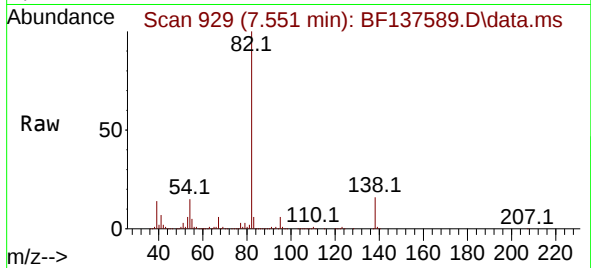




#25
Isophorone
Concen: 37.573 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

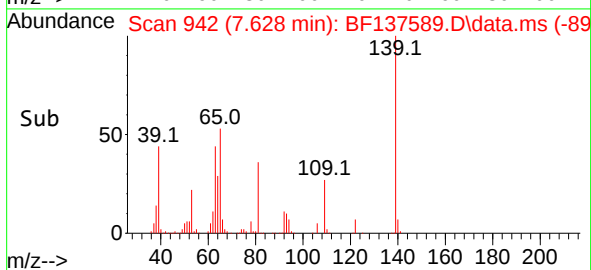
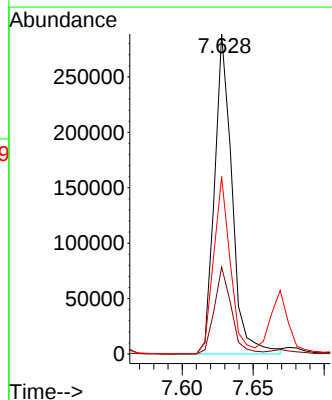
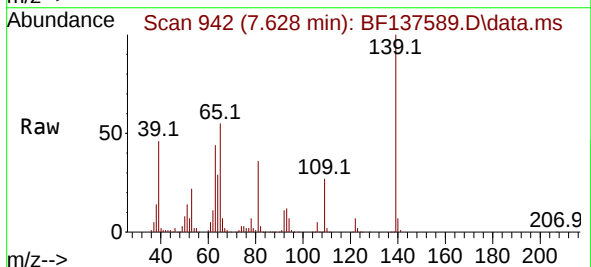
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

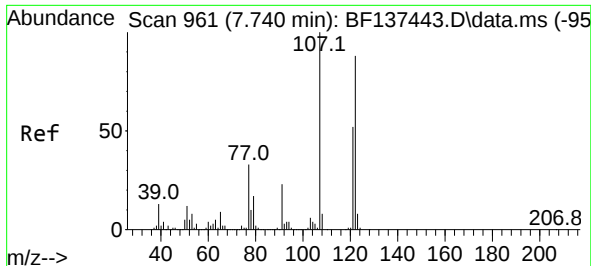
Tgt Ion: 82 Resp: 1085853
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.6 11.8 17.8



#26
2-Nitrophenol
Concen: 40.775 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:139 Resp: 247377
Ion Ratio Lower Upper
139 100
109 27.2 22.2 33.4
65 55.4 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 40.287 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

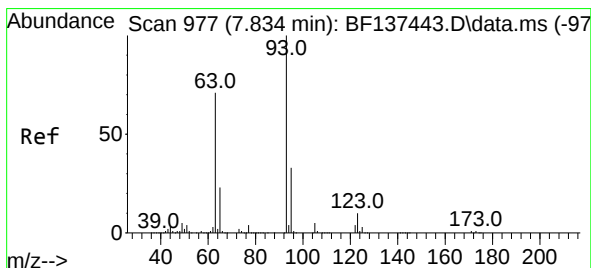
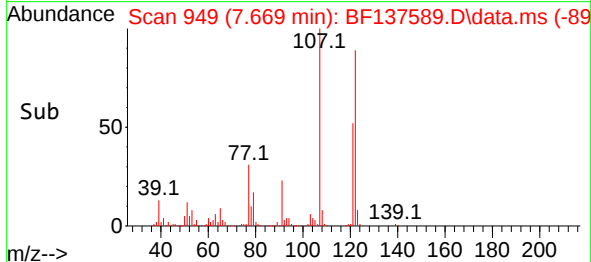
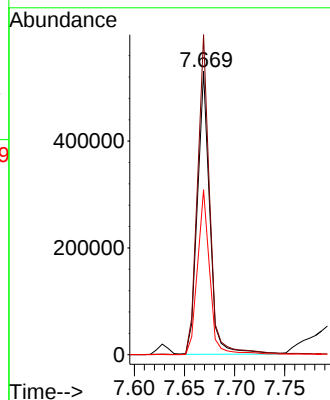
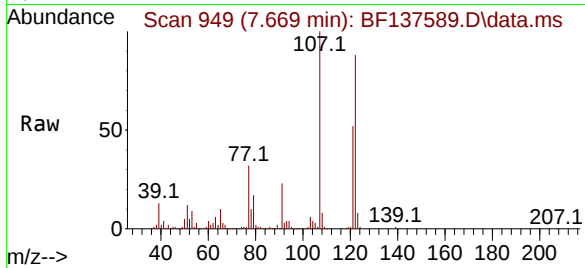
Tgt Ion:122 Resp: 456694

Ion Ratio Lower Upper

122 100

107 113.0 90.9 136.3

121 58.3 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.817 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

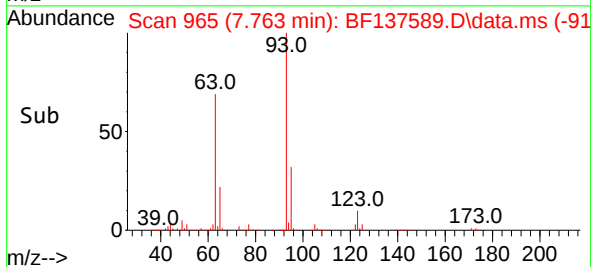
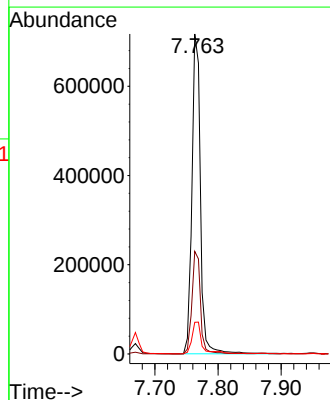
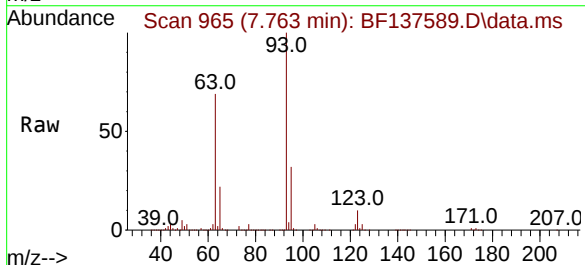
Tgt Ion: 93 Resp: 675162

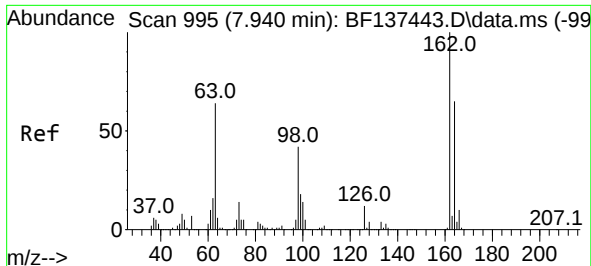
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 41.060 ng

RT: 7.869 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

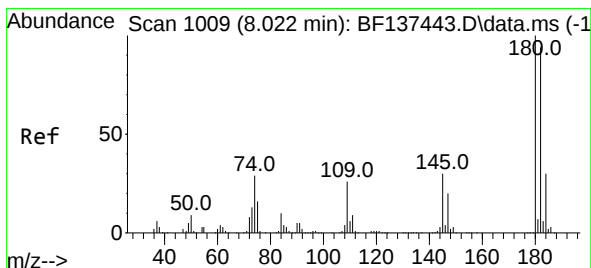
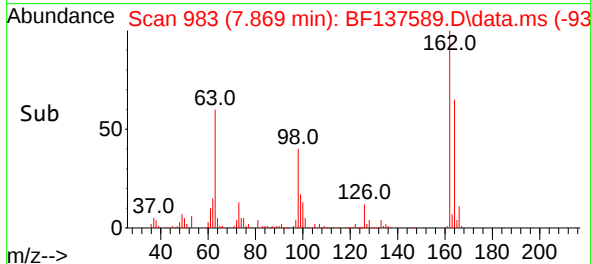
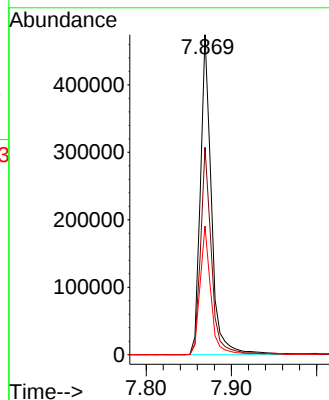
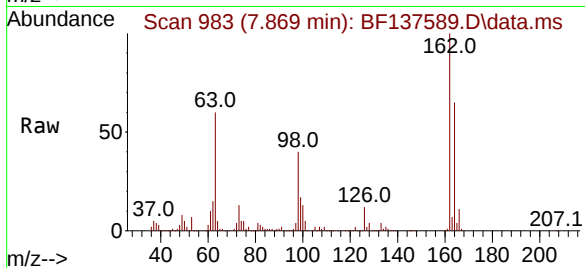
Tgt Ion:162 Resp: 427184

Ion Ratio Lower Upper

162 100

164 64.8 44.7 84.7

98 40.2 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 40.631 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

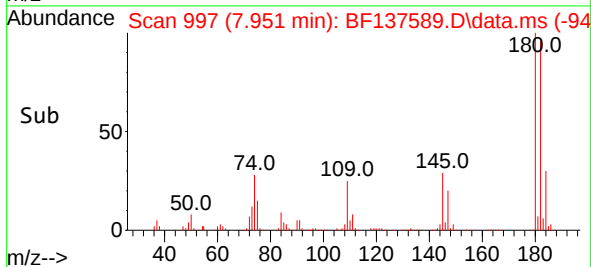
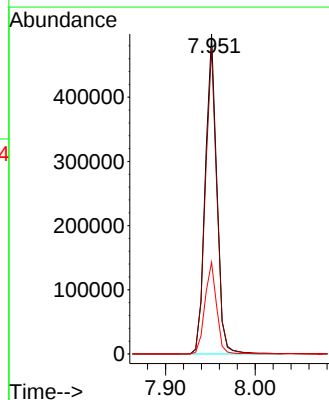
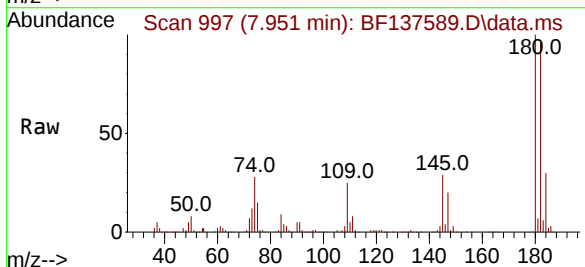
Tgt Ion:180 Resp: 444850

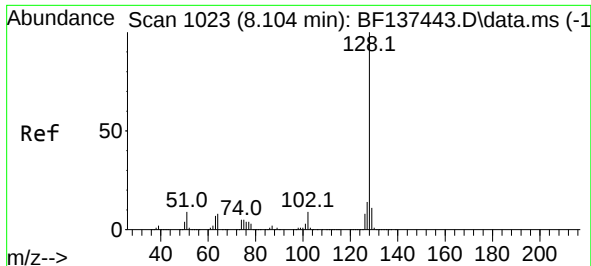
Ion Ratio Lower Upper

180 100

182 95.8 75.0 112.6

145 28.6 23.7 35.5

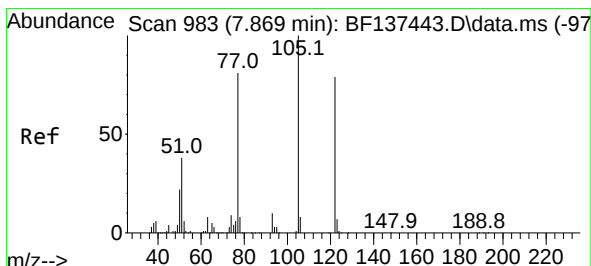
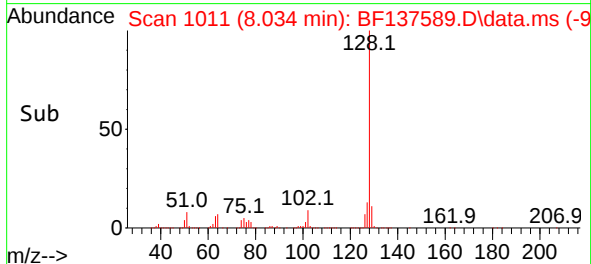
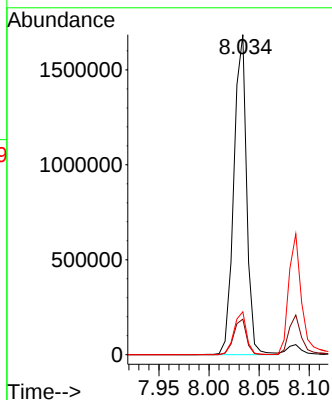
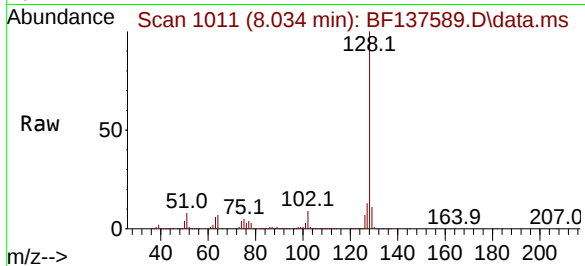




#31
Naphthalene
Concen: 39.691 ng
RT: 8.034 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

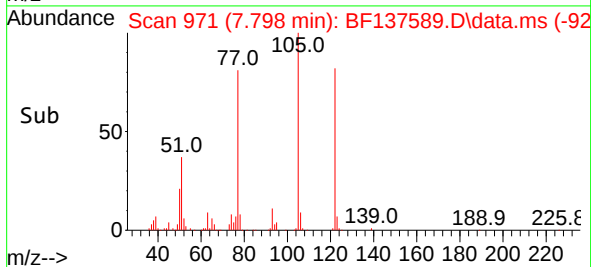
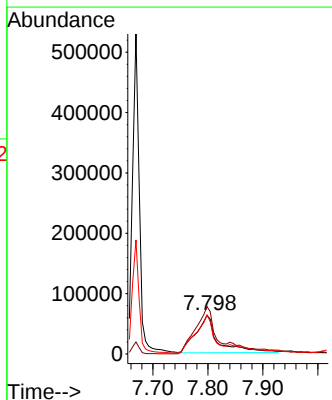
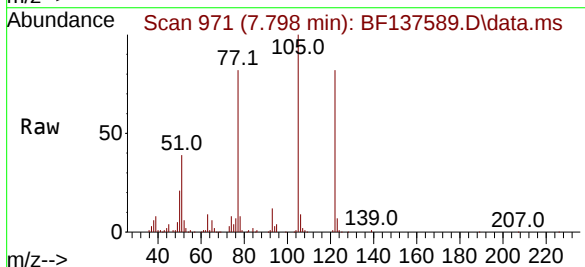
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

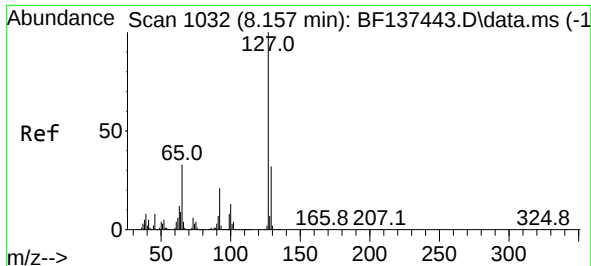
Tgt Ion:128 Resp: 1505188
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 29.869 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:122 Resp: 177112
Ion Ratio Lower Upper
122 100
105 122.3 102.4 142.4
77 100.3 81.1 121.1

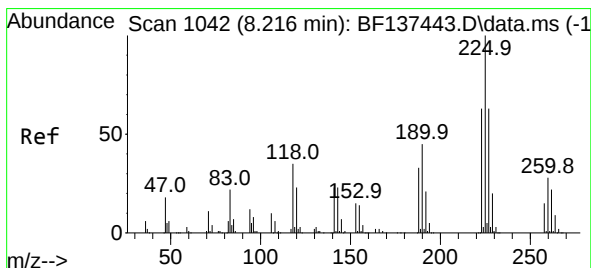
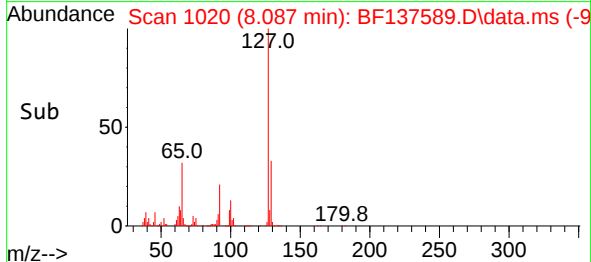
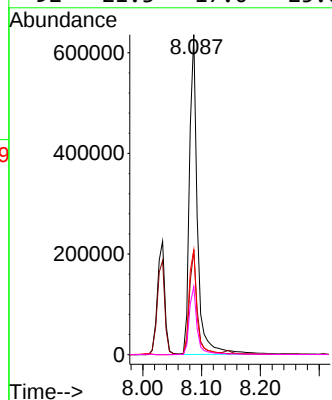
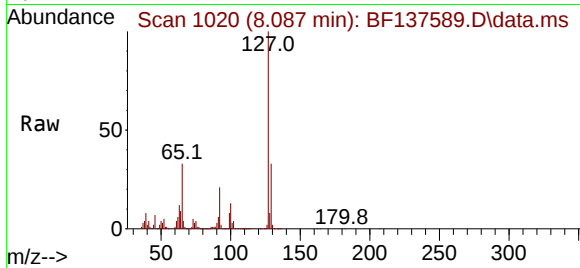




#33
4-Chloroaniline
Concen: 40.333 ng
RT: 8.087 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

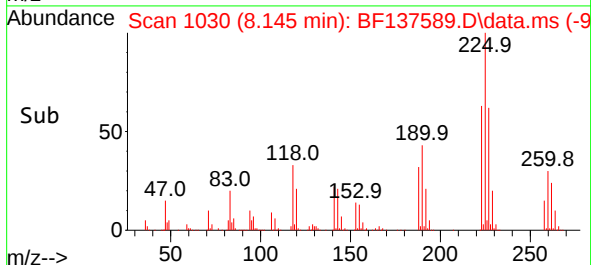
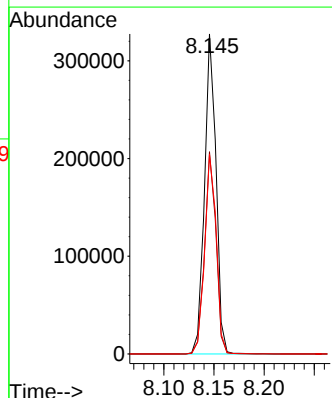
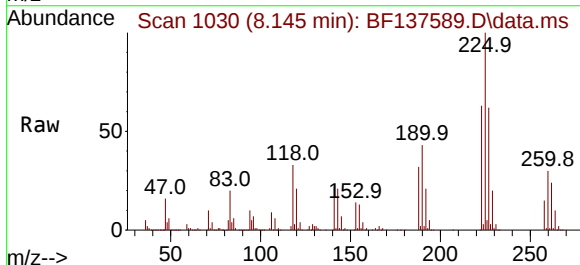
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

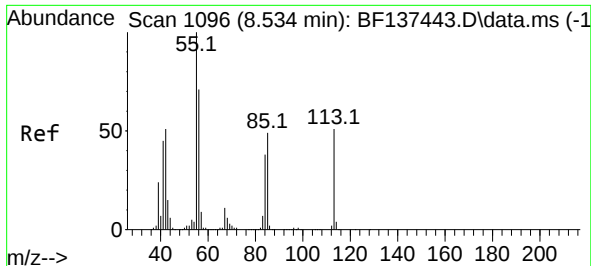
Tgt Ion:127	Resp: 599757
Ion Ratio	Lower Upper
127 100	
129 32.8	26.0 39.0
65 32.8	26.8 40.2
92 21.3	17.0 25.6



#34
Hexachlorobutadiene
Concen: 40.616 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:225	Resp: 262529
Ion Ratio	Lower Upper
225 100	
223 63.2	50.7 76.1
227 62.4	50.6 75.8

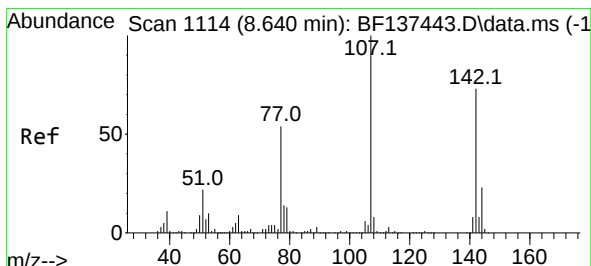
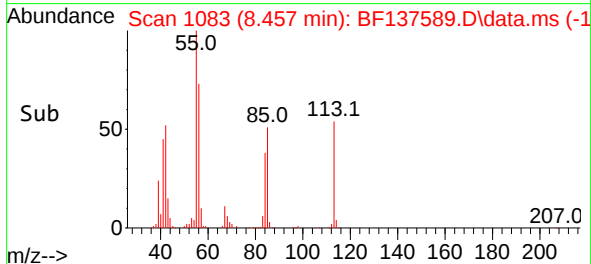
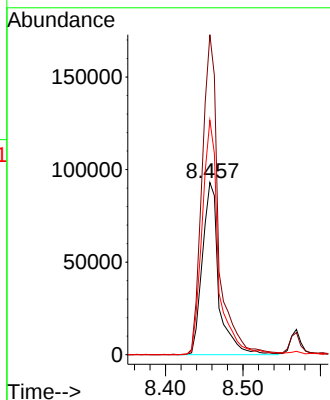
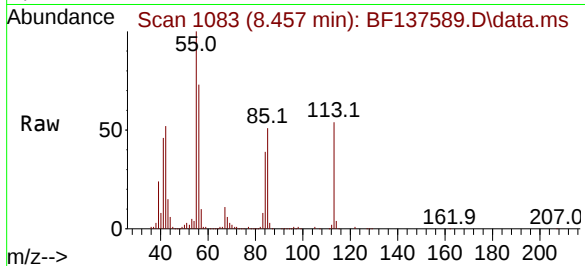




#35
Caprolactam
Concen: 39.095 ng
RT: 8.457 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

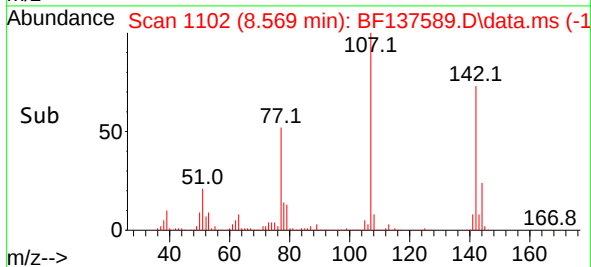
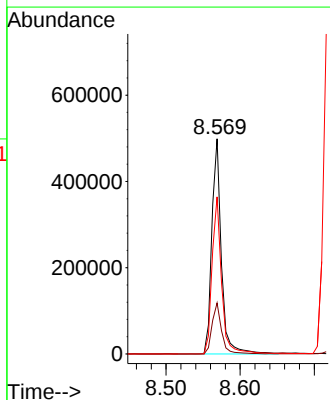
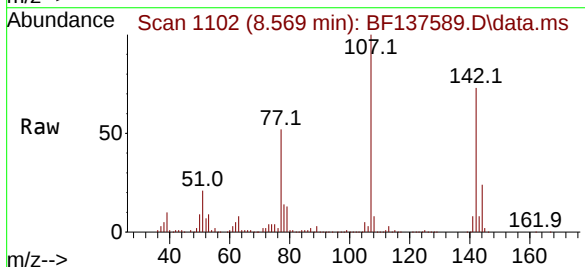
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

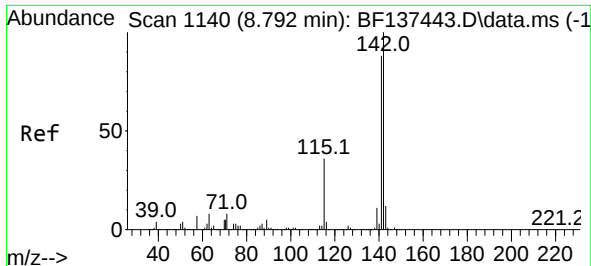
Tgt Ion:113 Resp: 137922
Ion Ratio Lower Upper
113 100
55 185.9 176.7 216.7
56 136.2 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 38.347 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:107 Resp: 445959
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.1 58.2 87.2





#37

2-Methylnaphthalene

Concen: 39.063 ng

RT: 8.722 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

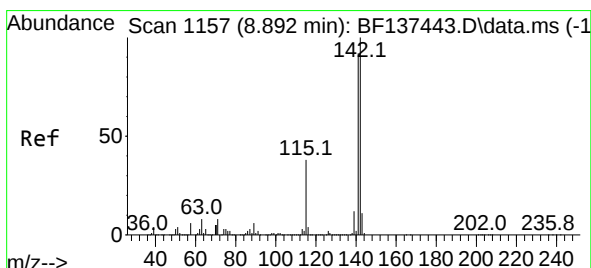
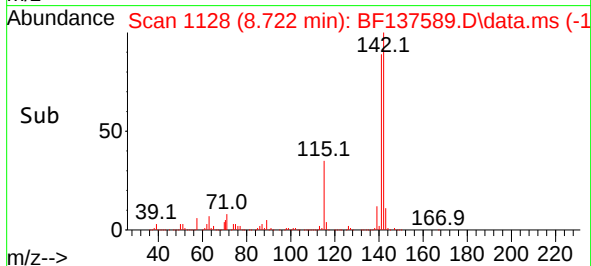
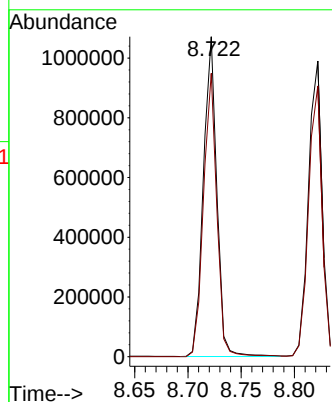
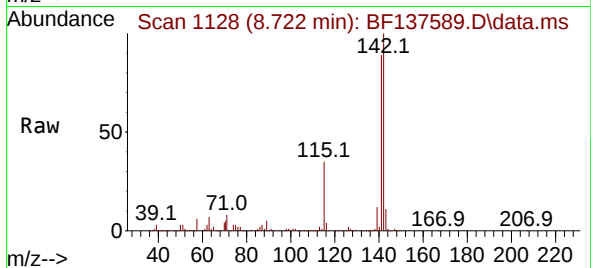
SSTDCCC040

Tgt Ion:142 Resp: 944374

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.766 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF137589.D

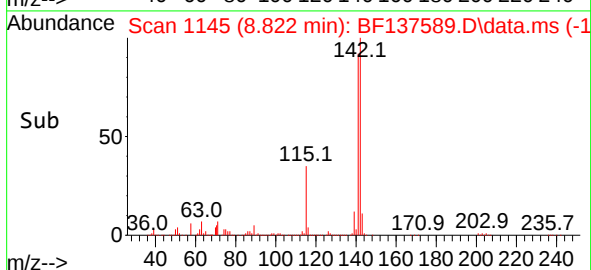
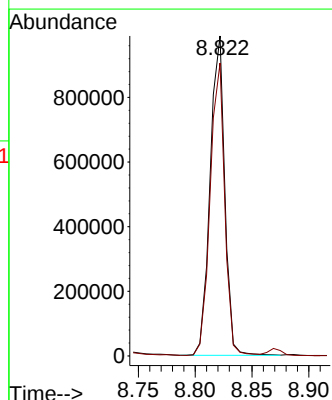
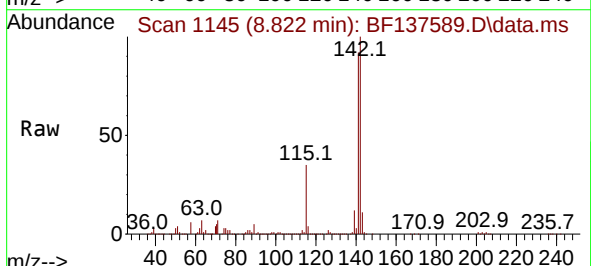
Acq: 14 Mar 2024 14:02

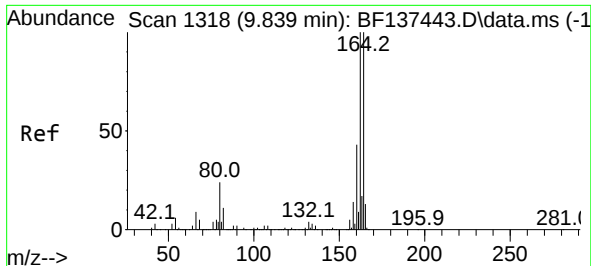
Tgt Ion:142 Resp: 882589

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

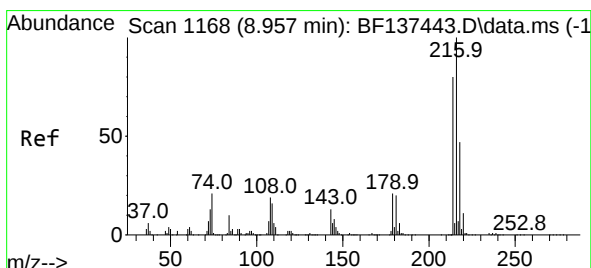
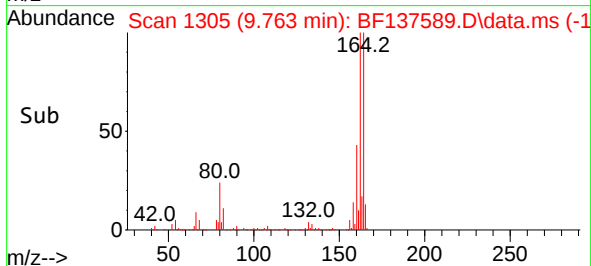
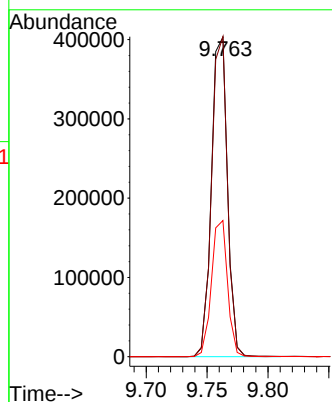
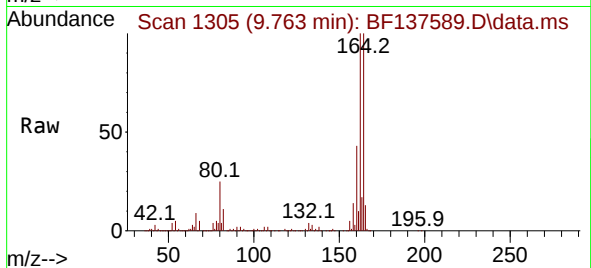
Tgt Ion:164 Resp: 368532

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 42.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.214 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Tgt Ion:216 Resp: 434319

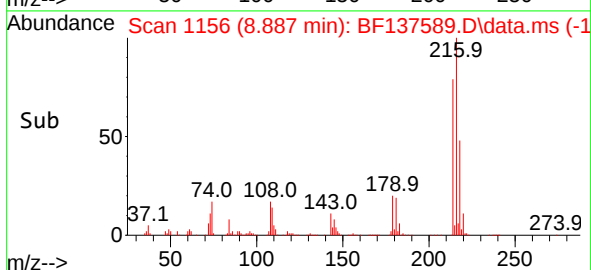
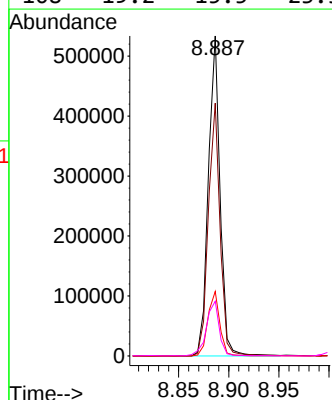
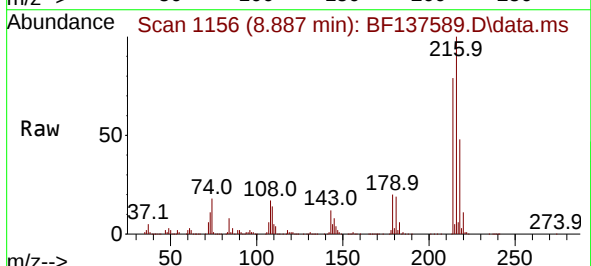
Ion Ratio Lower Upper

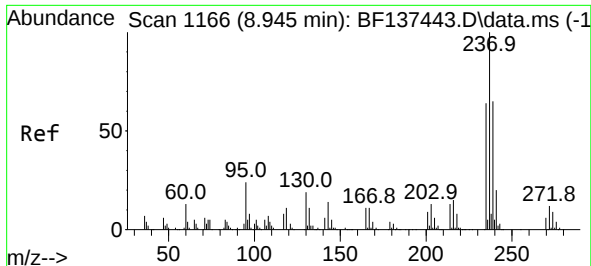
216 100

214 79.3 63.5 95.3

179 20.6 16.6 25.0

108 19.2 15.5 23.3

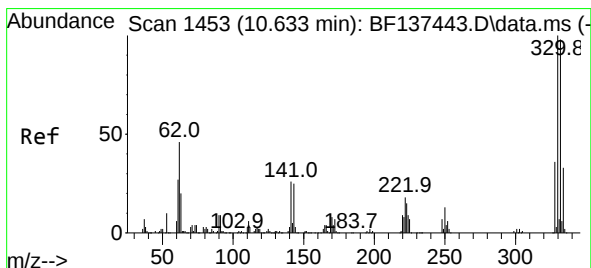
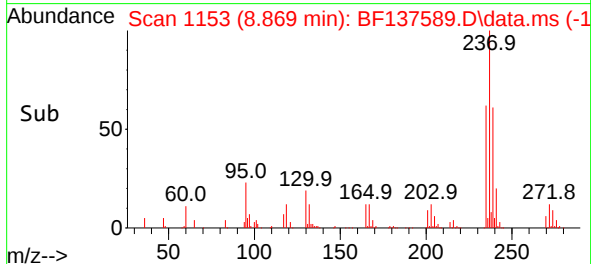
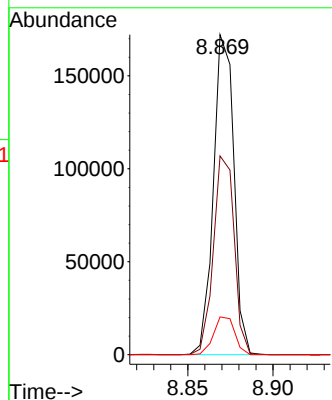
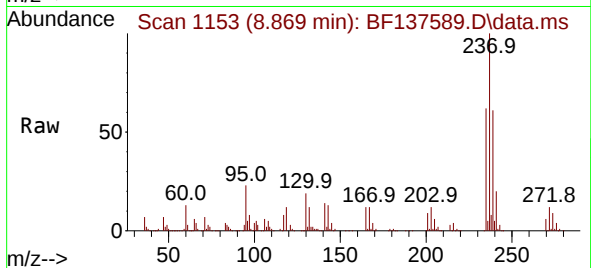




#41
Hexachlorocyclopentadiene
Concen: 38.975 ng
RT: 8.869 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

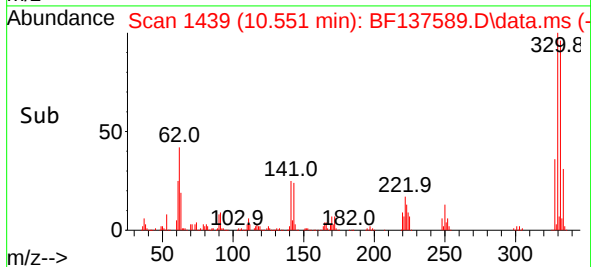
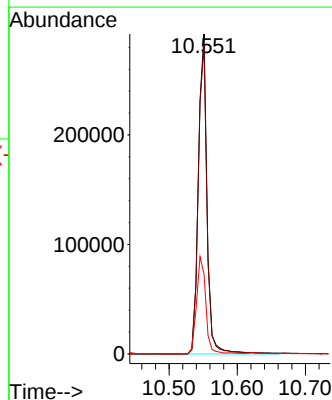
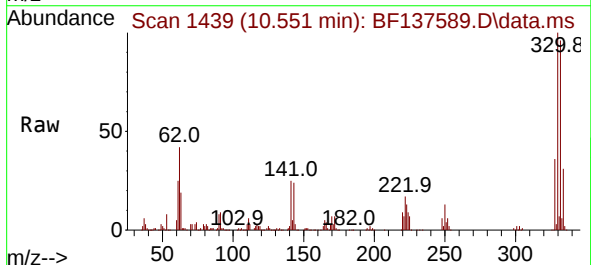
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

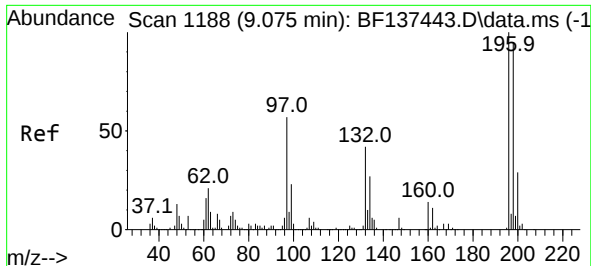
Tgt Ion:237 Resp: 143863
Ion Ratio Lower Upper
237 100
235 62.1 43.6 83.6
272 11.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 79.710 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:330 Resp: 257970
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 32.3 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 41.300 ng

RT: 8.998 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

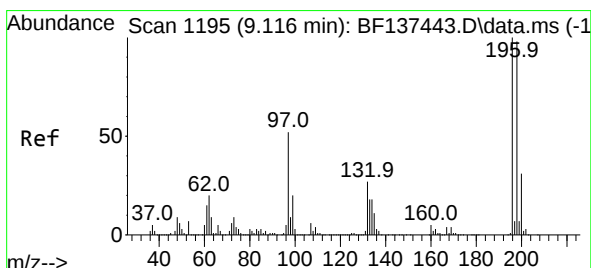
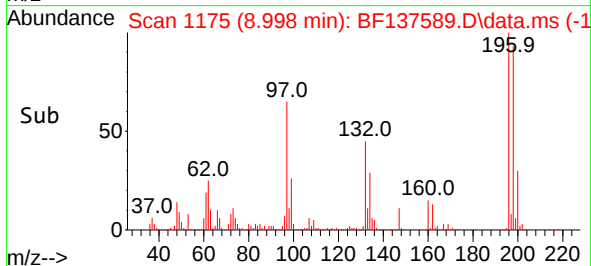
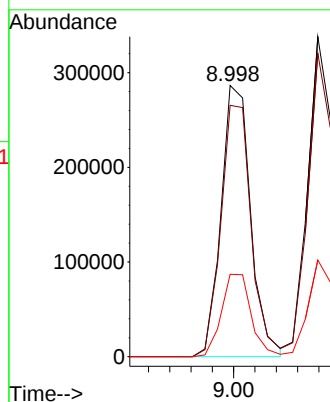
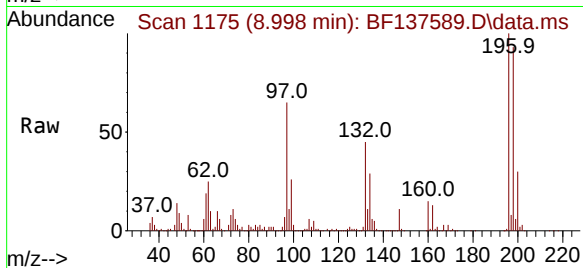
Tgt Ion:196 Resp: 276710

Ion Ratio Lower Upper

196 100

198 92.7 75.8 113.8

200 30.4 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 40.586 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Tgt Ion:196 Resp: 313244

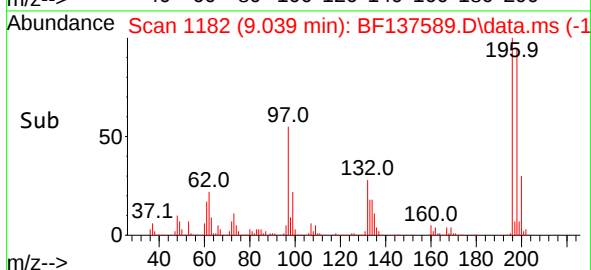
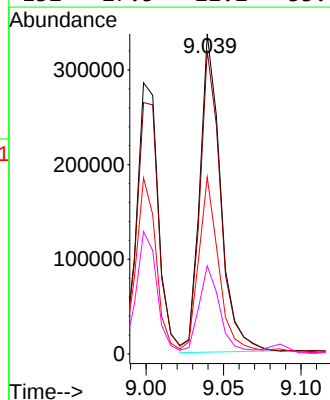
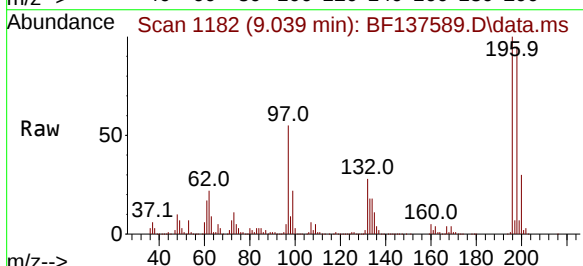
Ion Ratio Lower Upper

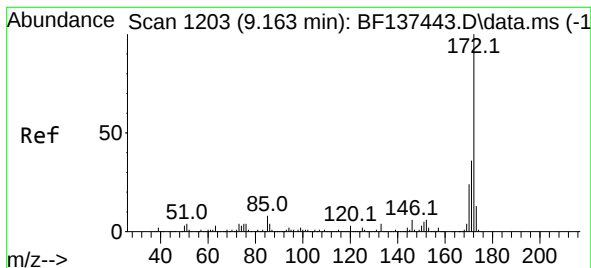
196 100

198 94.8 78.6 117.8

97 55.3 41.8 62.8

132 27.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 78.754 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

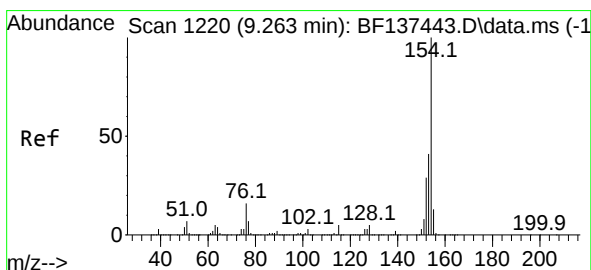
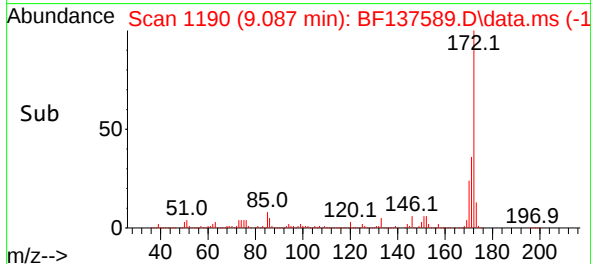
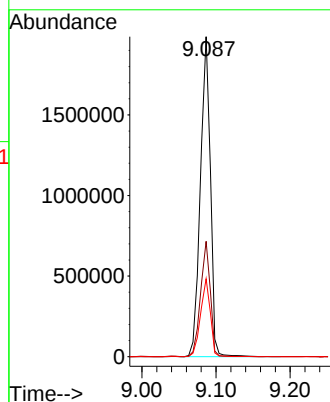
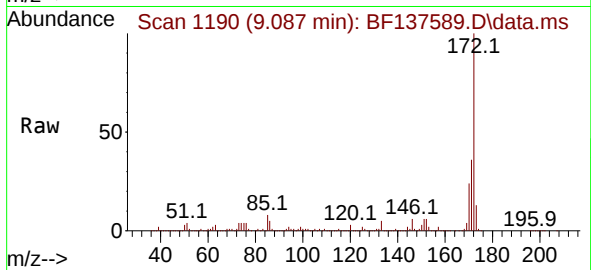
Tgt Ion:172 Resp: 1854107

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.590 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

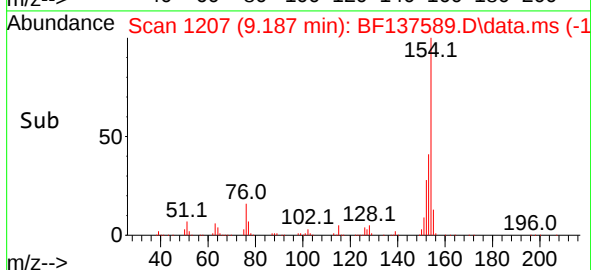
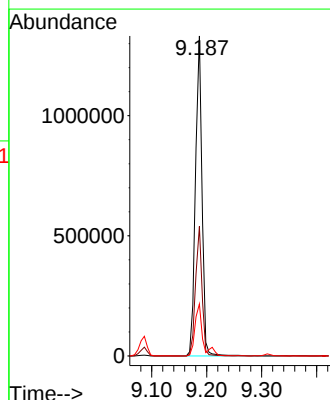
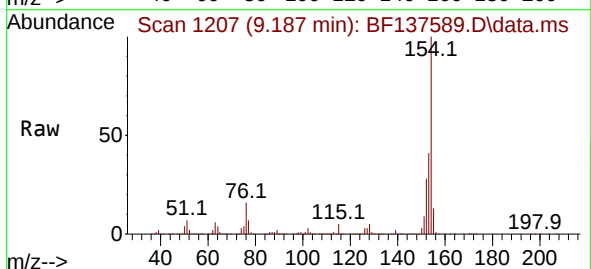
Tgt Ion:154 Resp: 1094833

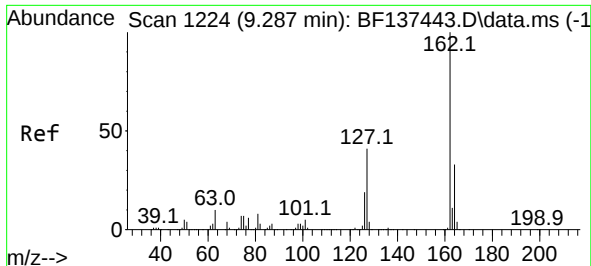
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 16.2 0.0 35.8

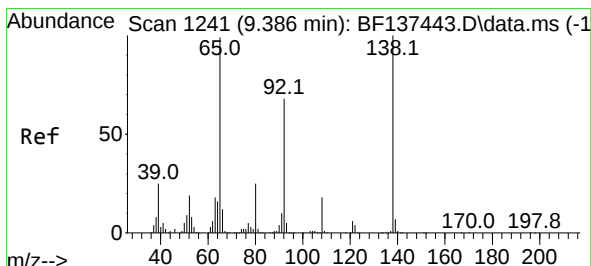
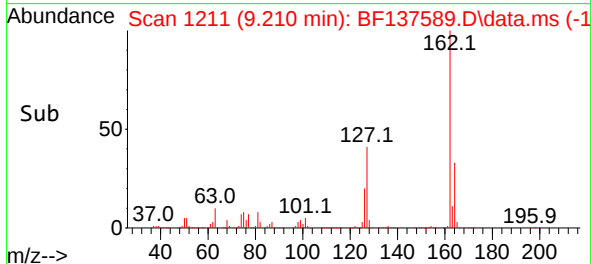
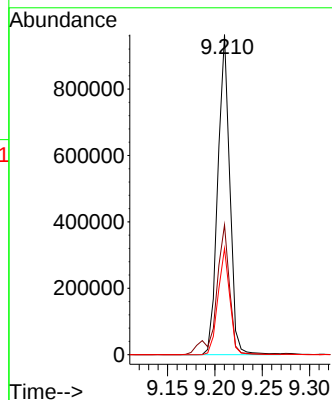
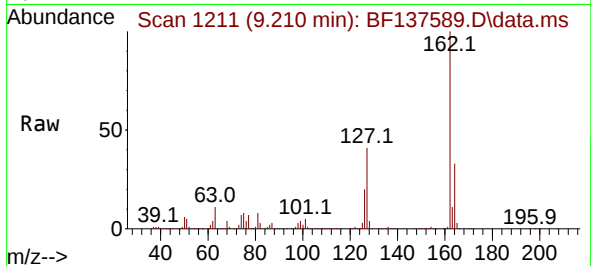




#47
2-Chloronaphthalene
Concen: 41.064 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

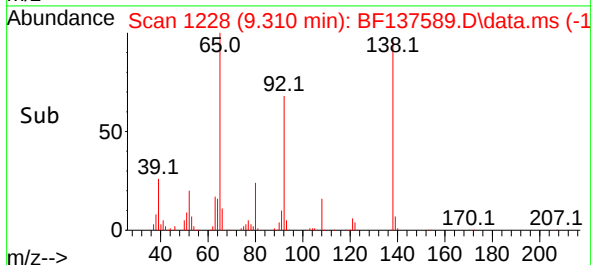
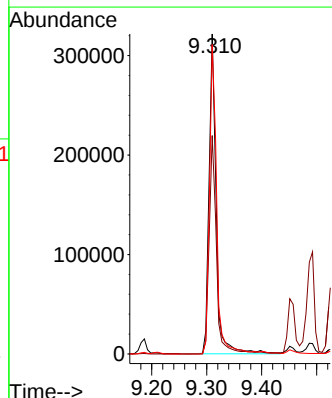
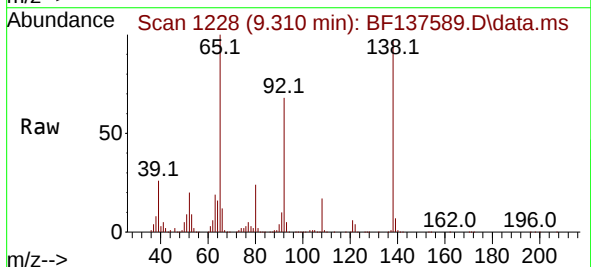
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

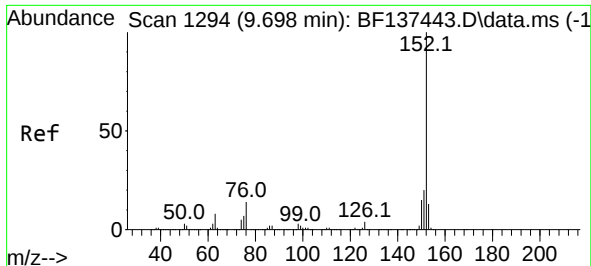
Tgt Ion:162 Resp: 844481
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 41.378 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 65 Resp: 289227
Ion Ratio Lower Upper
65 100
92 68.3 55.4 83.2
138 96.7 81.0 121.6

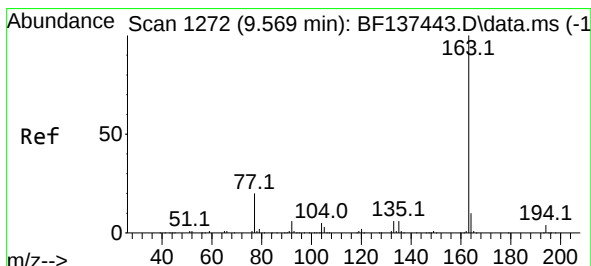
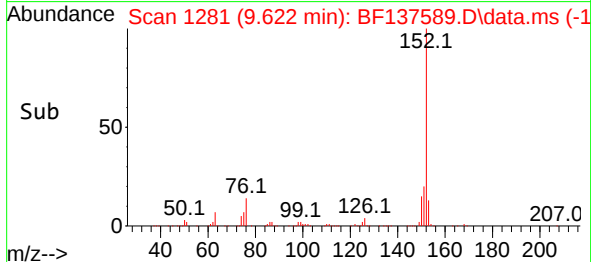
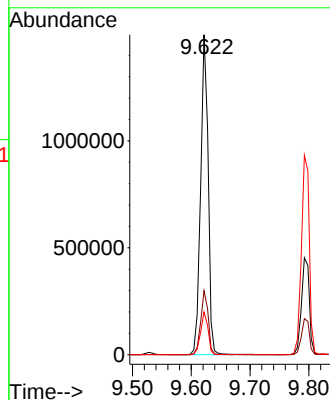
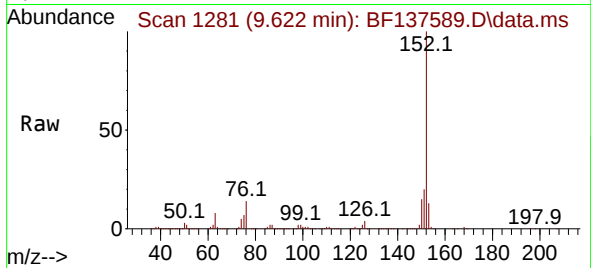




#49
Acenaphthylene
Concen: 40.243 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

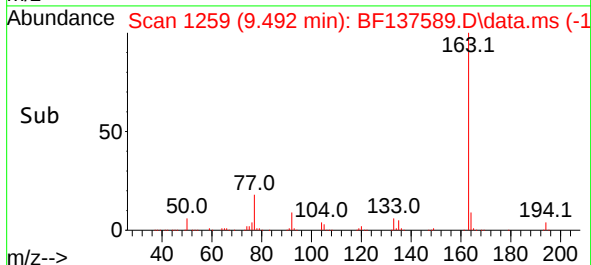
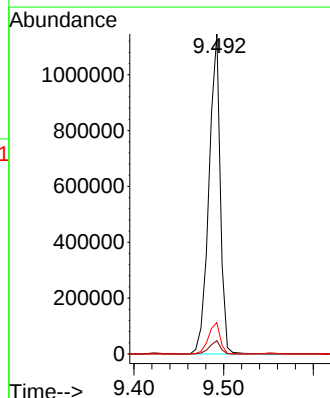
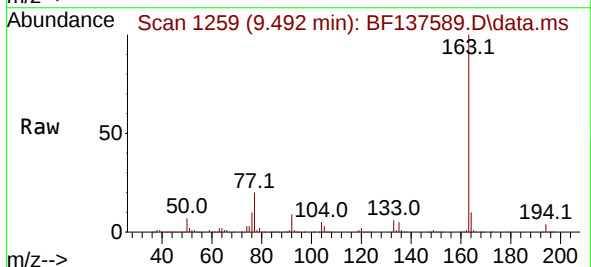
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

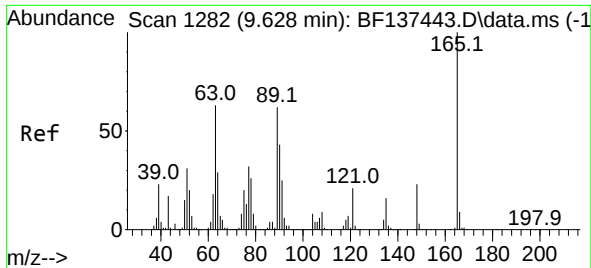
Tgt Ion:152 Resp: 1324446
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 39.053 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:163 Resp: 1001871
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.1 12.1

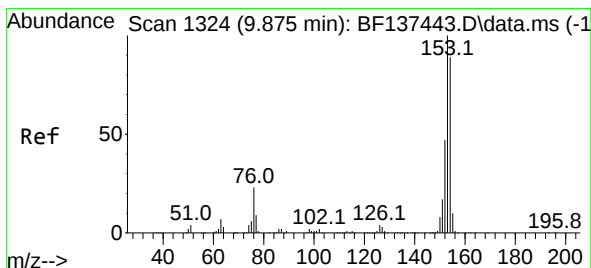
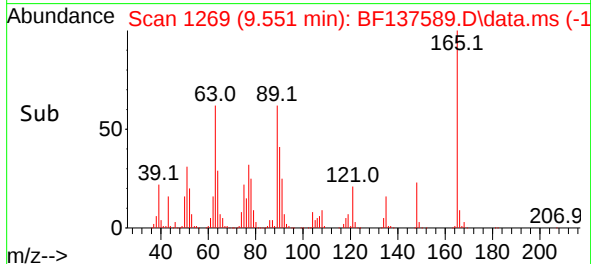
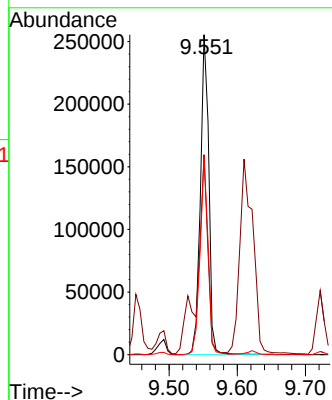
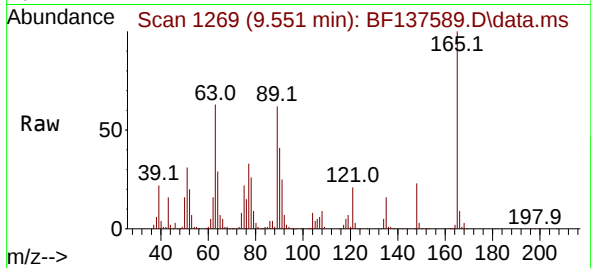




#51
2,6-Dinitrotoluene
Concen: 40.795 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

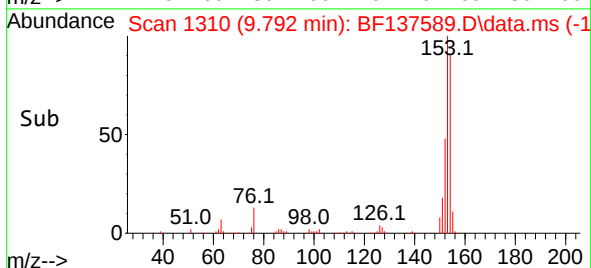
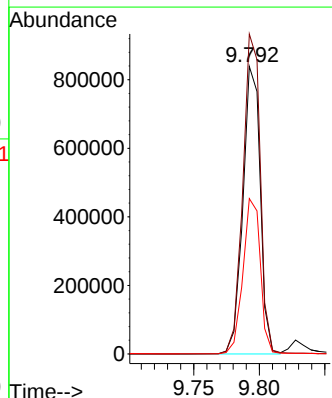
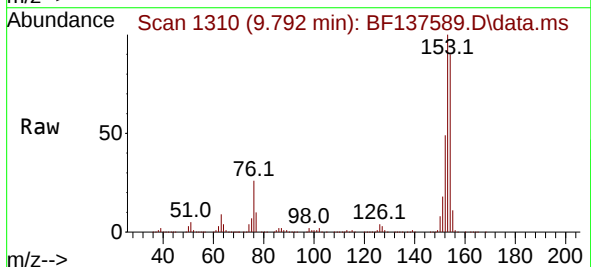
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

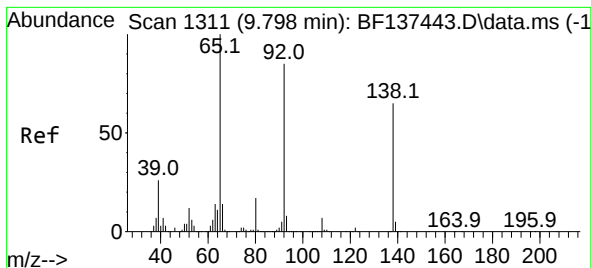
Tgt Ion:165 Resp: 218897
Ion Ratio Lower Upper
165 100
63 62.5 50.7 76.1
89 62.2 50.0 75.0



#52
Acenaphthene
Concen: 39.361 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:154 Resp: 773362
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 54.0 42.7 64.1





#53

3-Nitroaniline

Concen: 41.523 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

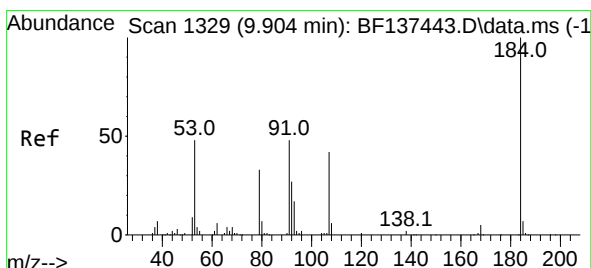
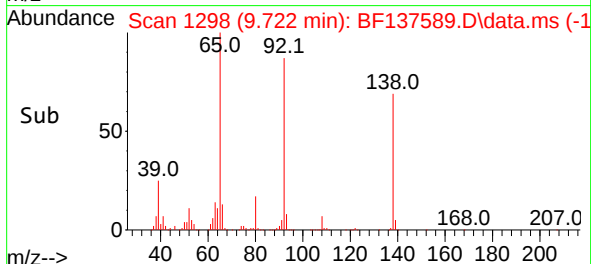
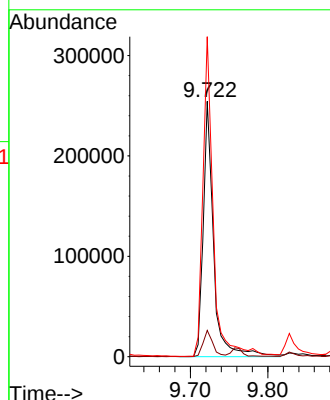
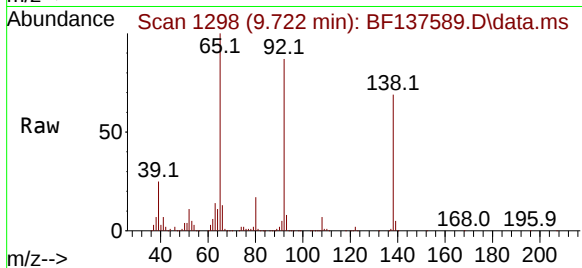
Tgt Ion:138 Resp: 235672

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

92 125.3 104.6 157.0



#54

2,4-Dinitrophenol

Concen: 31.695 ng

RT: 9.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

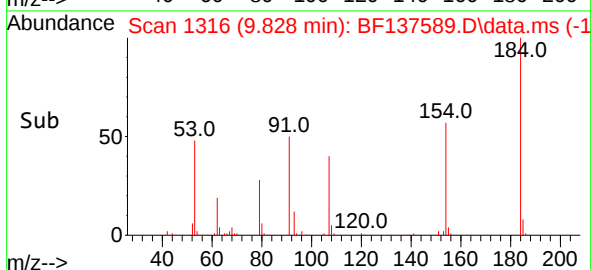
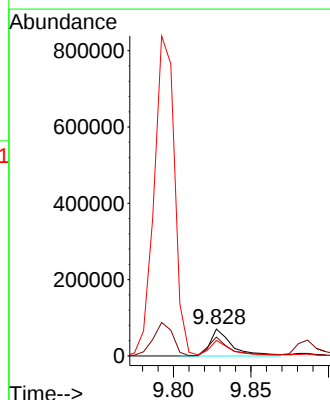
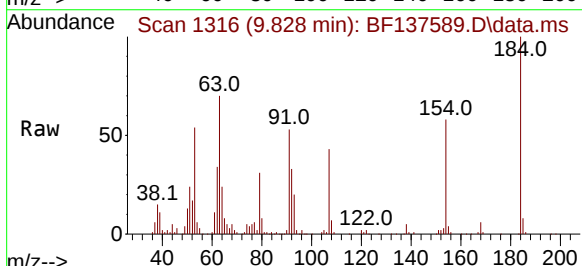
Tgt Ion:184 Resp: 68464

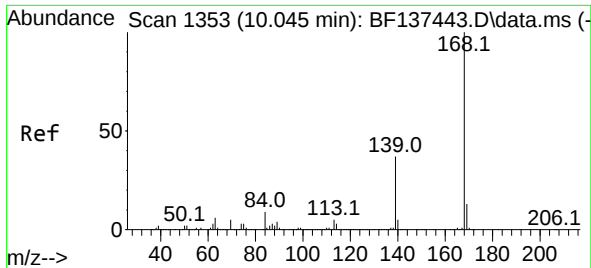
Ion Ratio Lower Upper

184 100

63 70.2 53.3 79.9

154 57.7 47.4 71.0

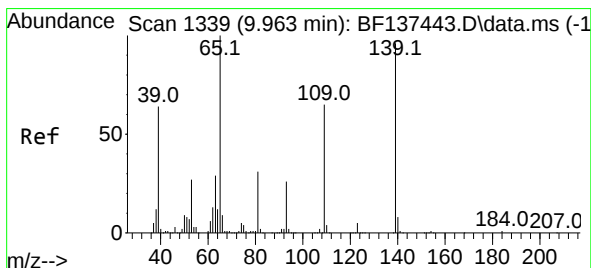
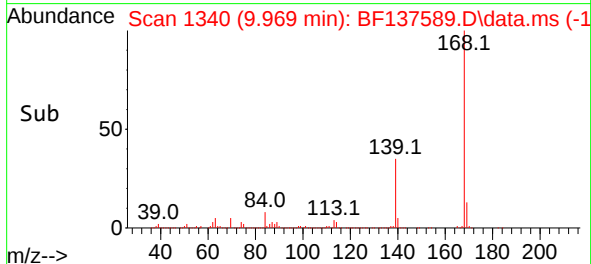
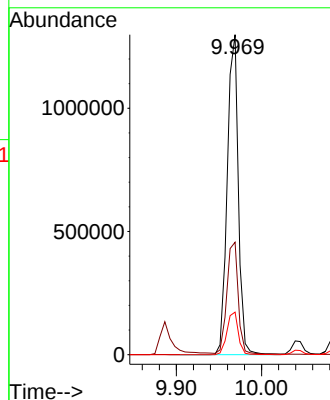
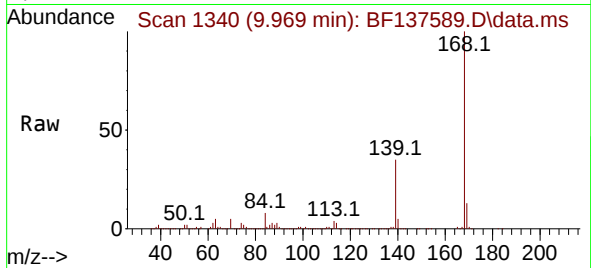




#55
Dibenzenofuran
Concen: 39.182 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

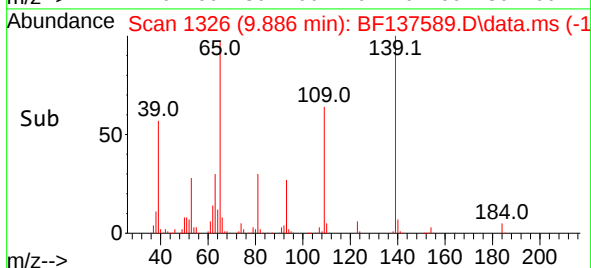
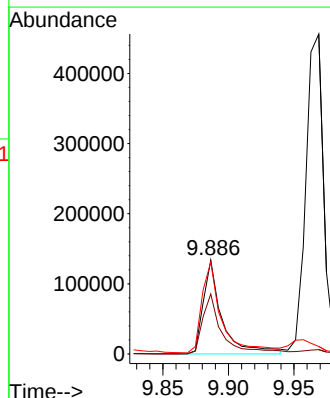
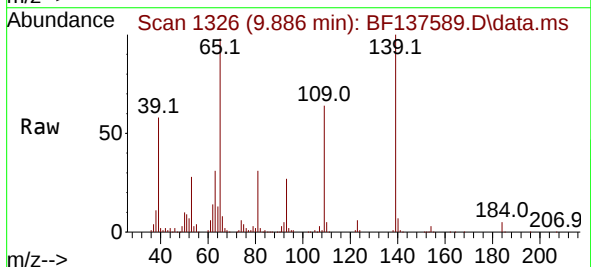
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

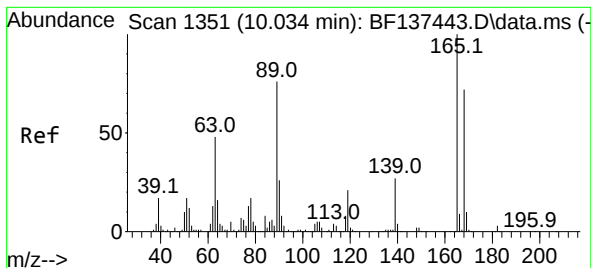
Tgt Ion:168 Resp: 1172556
Ion Ratio Lower Upper
168 100
139 35.1 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 35.744 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:139 Resp: 133614
Ion Ratio Lower Upper
139 100
109 64.0 47.1 87.1
65 97.8 85.1 125.1

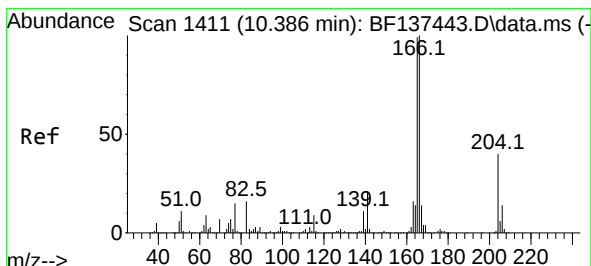
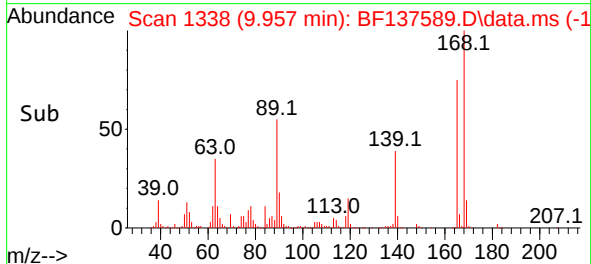
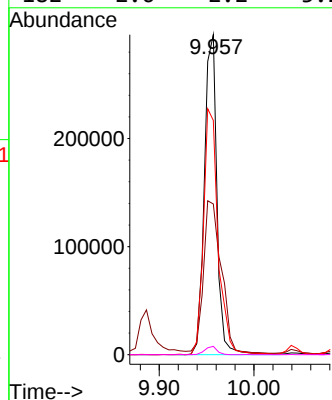
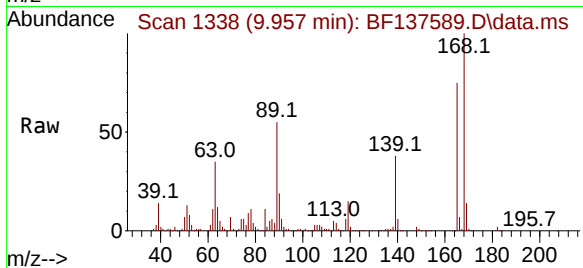




#57
2,4-Dinitrotoluene
Concen: 41.306 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

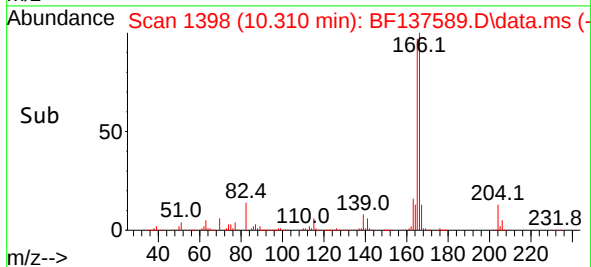
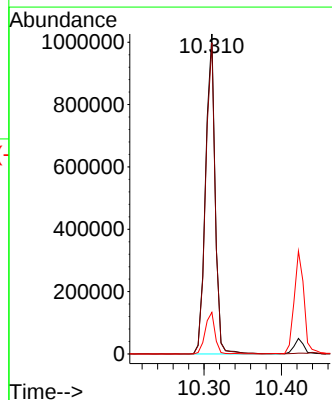
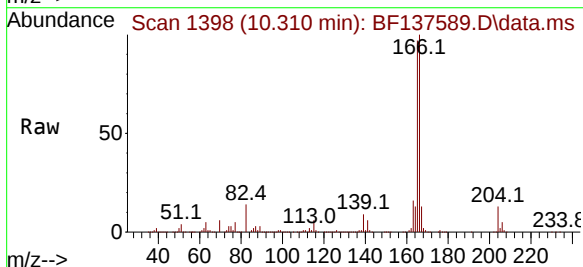
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

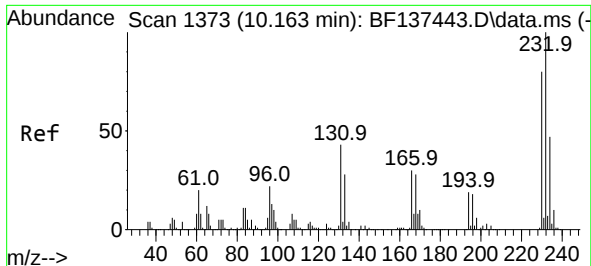
Tgt Ion:165 Resp: 272304
Ion Ratio Lower Upper
165 100
63 47.1 39.0 58.6
89 73.2 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.067 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:166 Resp: 874864
Ion Ratio Lower Upper
166 100
165 97.2 79.2 118.8
167 13.0 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.961 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 241134

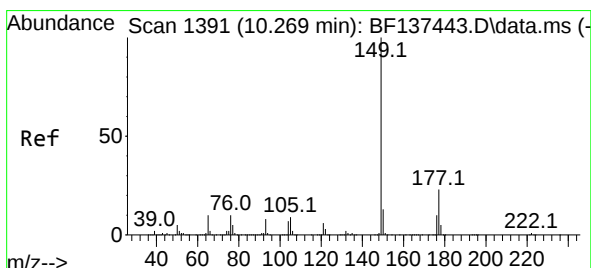
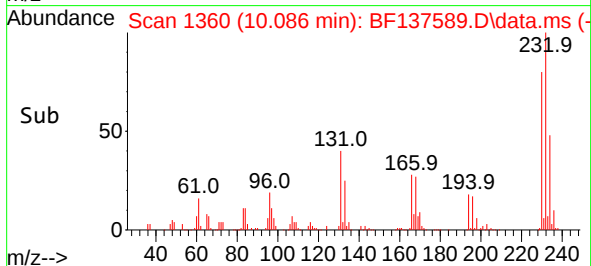
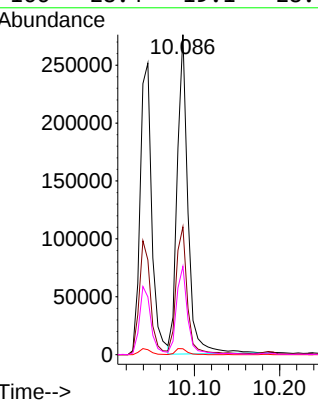
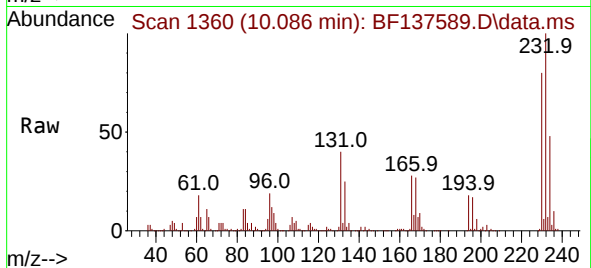
Ion Ratio Lower Upper

232 100

131 41.5 31.2 46.8

130 2.1 1.8 2.6

166 28.4 19.1 28.7



#60

Diethylphthalate

Concen: 37.828 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

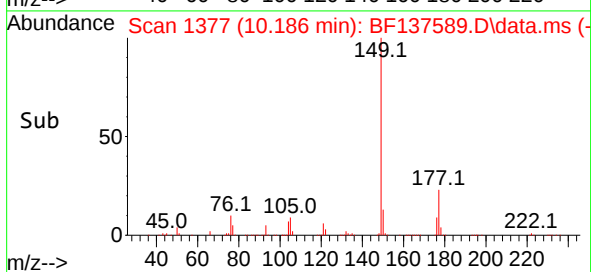
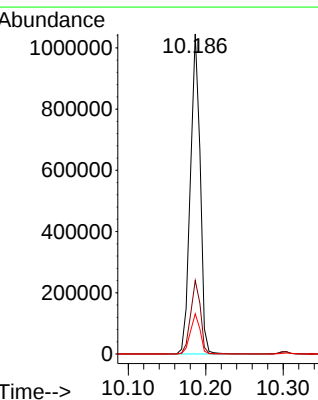
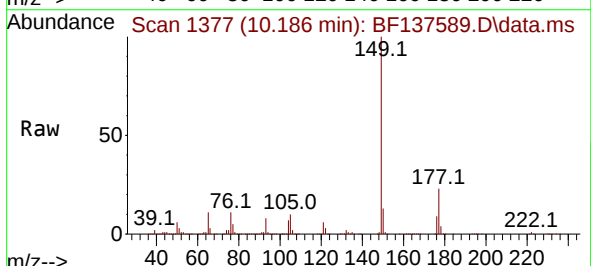
Tgt Ion:149 Resp: 916412

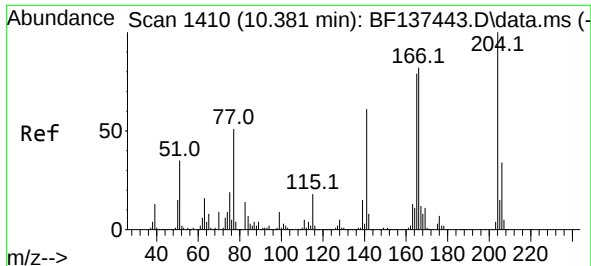
Ion Ratio Lower Upper

149 100

177 22.9 18.7 28.1

150 12.6 10.2 15.4

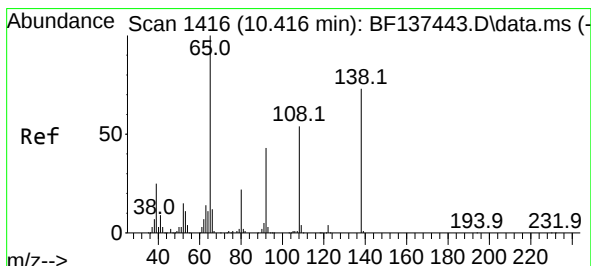
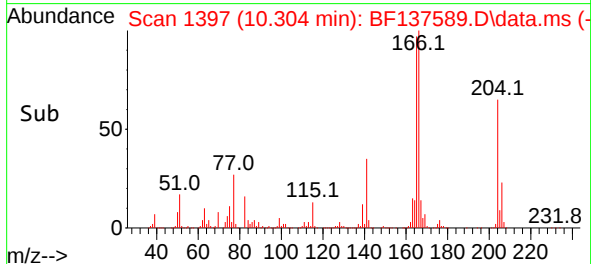
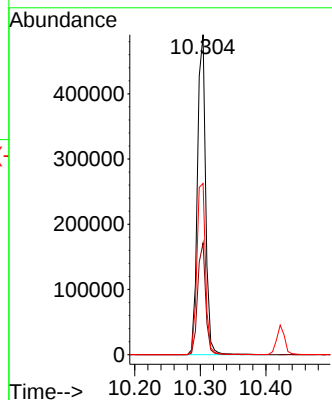
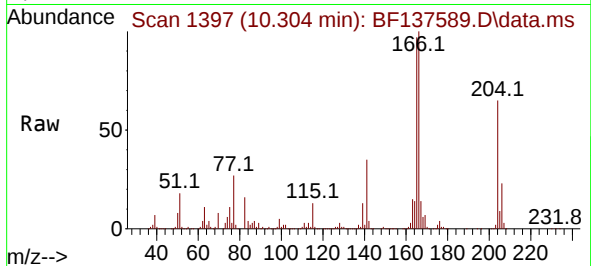




#61
4-Chlorophenyl-phenylether
Concen: 37.856 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

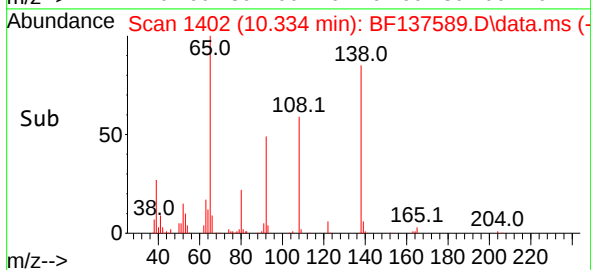
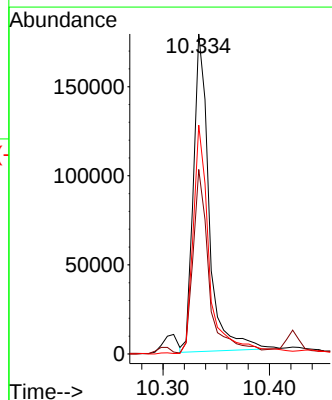
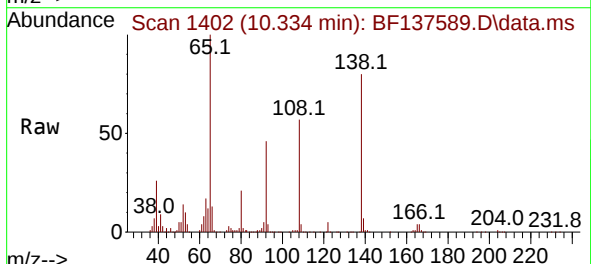
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

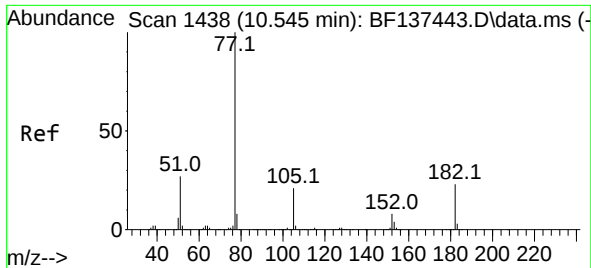
Tgt Ion:204 Resp: 426384
Ion Ratio Lower Upper
204 100
206 35.0 27.4 41.0
141 53.5 48.4 72.6



#62
4-Nitroaniline
Concen: 37.387 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:138 Resp: 182378
Ion Ratio Lower Upper
138 100
92 57.6 37.9 77.9
108 71.5 53.2 93.2

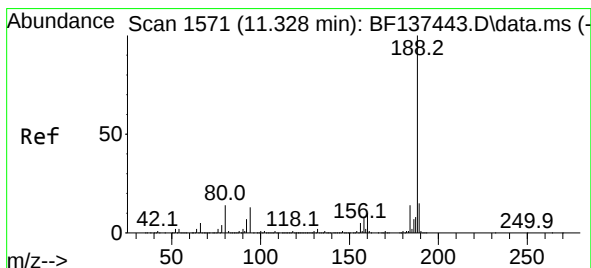
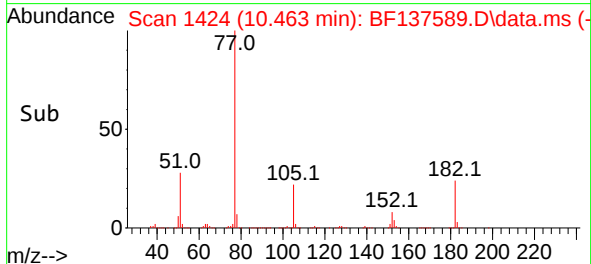
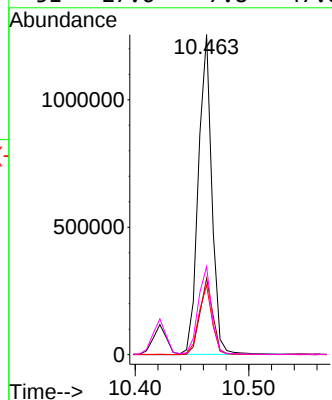
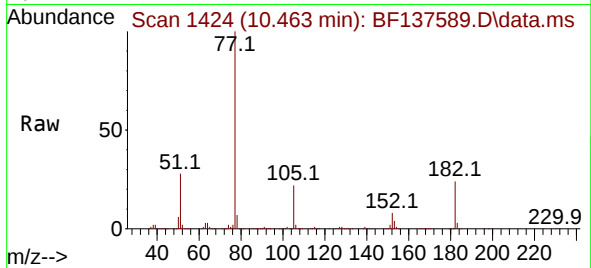




#63
Azobenzene
Concen: 36.846 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

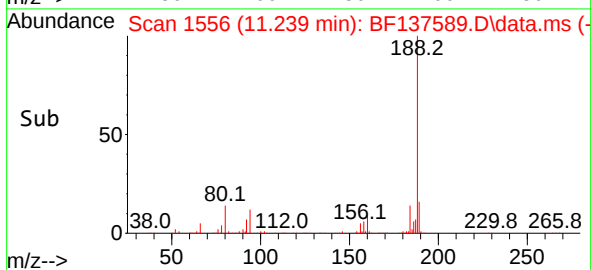
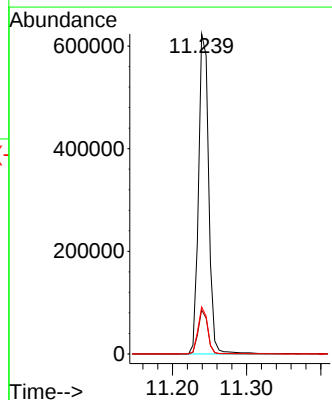
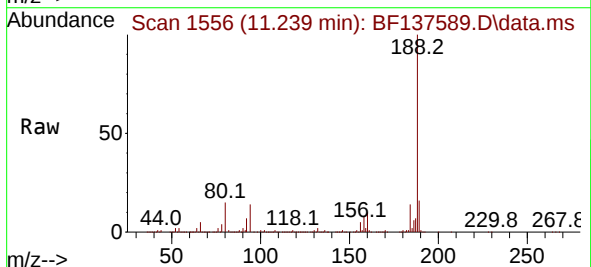
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

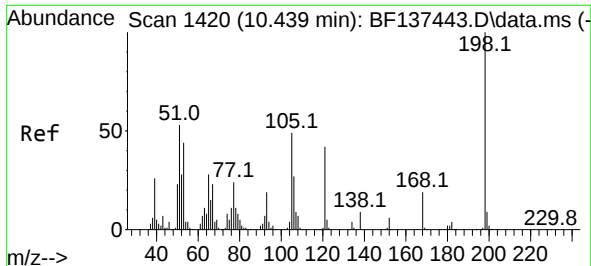
Tgt Ion: 77 Resp: 1027845
Ion Ratio Lower Upper
77 100
182 23.9 3.2 43.2
105 21.7 1.2 41.2
51 27.6 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion: 188 Resp: 590726
Ion Ratio Lower Upper
188 100
94 13.8 10.6 15.8
80 14.7 11.5 17.3

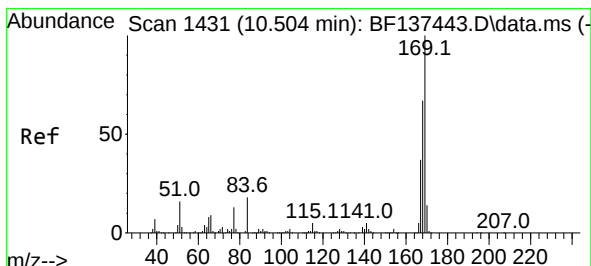
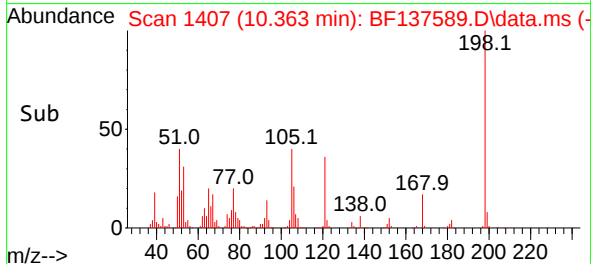
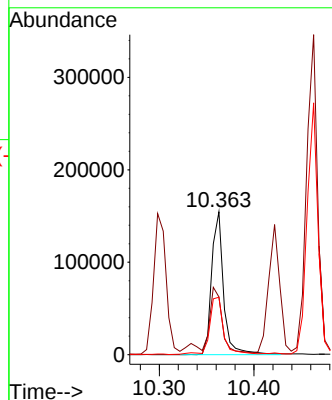
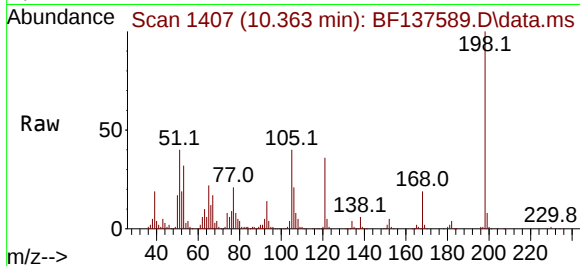




#65
4,6-Dinitro-2-methylphenol
Concen: 41.127 ng
RT: 10.363 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

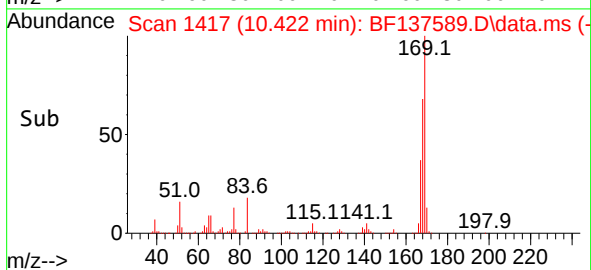
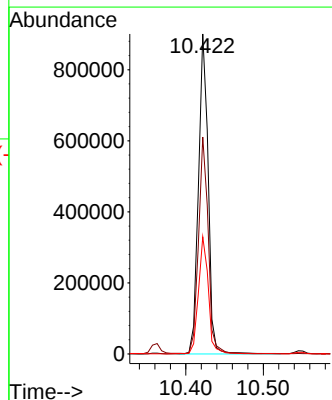
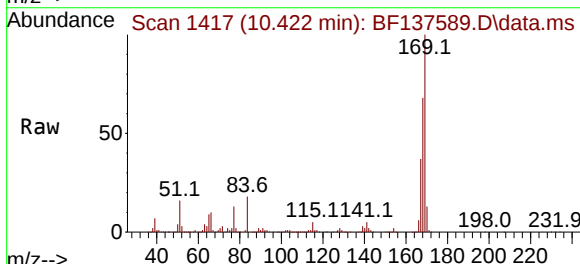
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

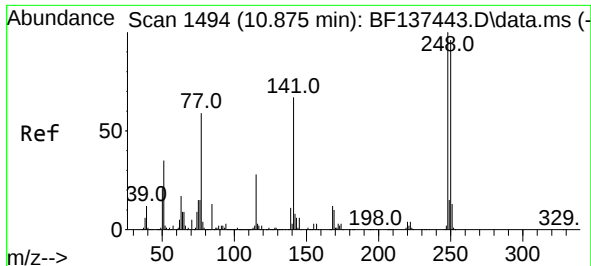
Tgt Ion:198 Resp: 135406
Ion Ratio Lower Upper
198 100
51 40.5 37.2 77.2
105 40.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.954 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:169 Resp: 779031
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.6
167 36.6 29.6 44.4

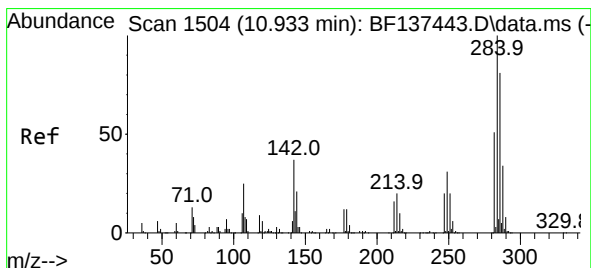
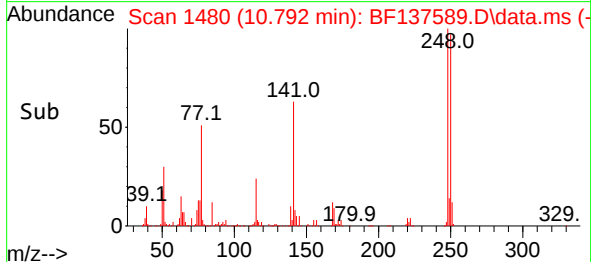
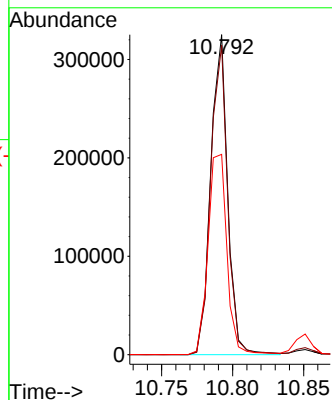
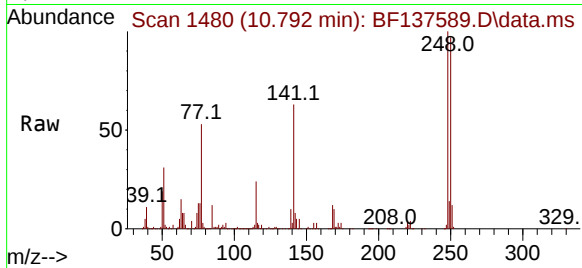




#67
4-Bromophenyl-phenylether
Concen: 41.896 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

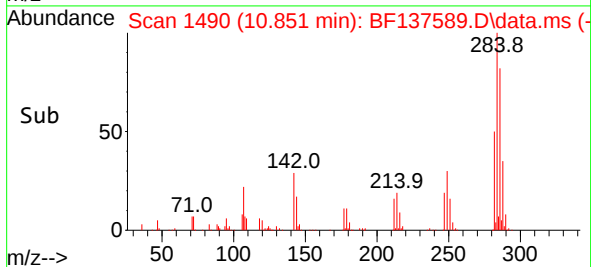
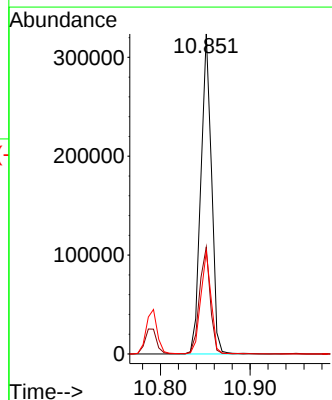
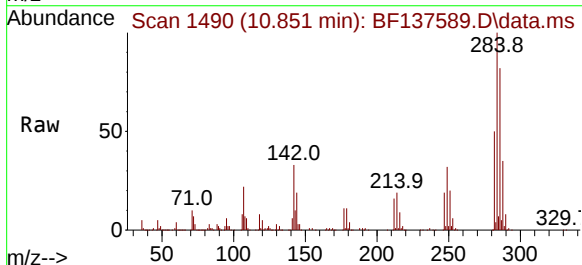
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

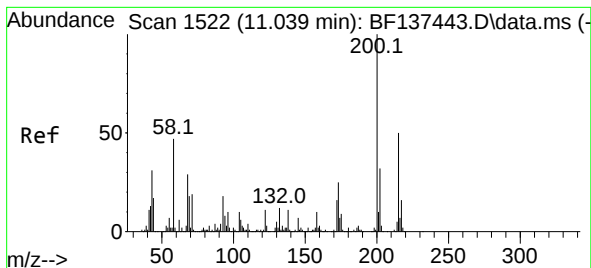
Tgt Ion:248 Resp: 269564
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 62.6 53.4 80.0



#68
Hexachlorobenzene
Concen: 40.996 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:284 Resp: 266415
Ion Ratio Lower Upper
284 100
142 33.4 29.4 44.0
249 32.0 25.0 37.4





#69

Atrazine

Concen: 40.657 ng

RT: 10.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

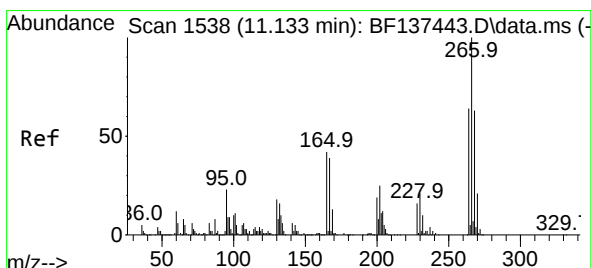
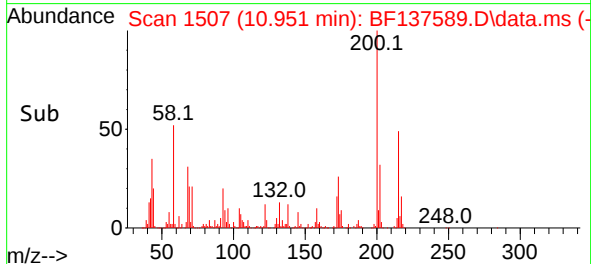
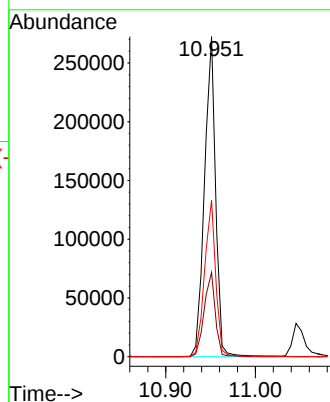
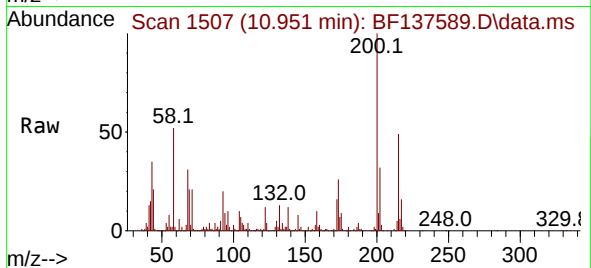
Tgt Ion:200 Resp: 235106

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

215 48.9 30.4 70.4



#70

Pentachlorophenol

Concen: 39.477 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

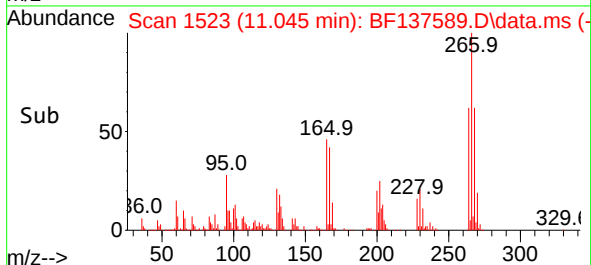
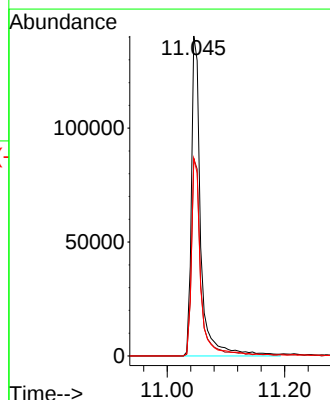
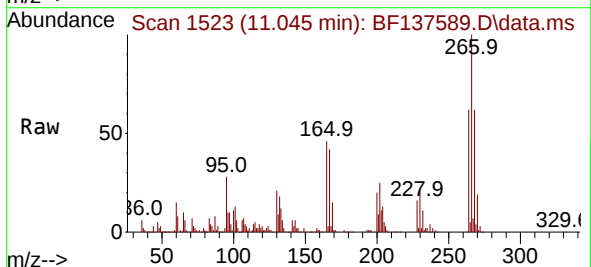
Tgt Ion:266 Resp: 155083

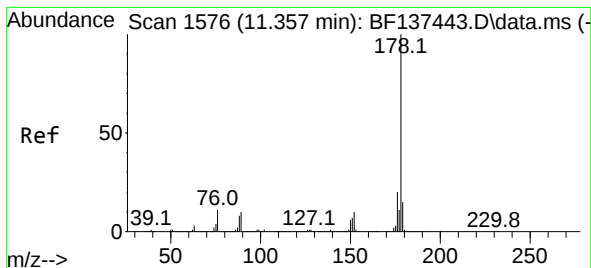
Ion Ratio Lower Upper

266 100

268 61.6 50.2 75.2

264 61.7 50.9 76.3





#71

Phenanthrene

Concen: 39.907 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

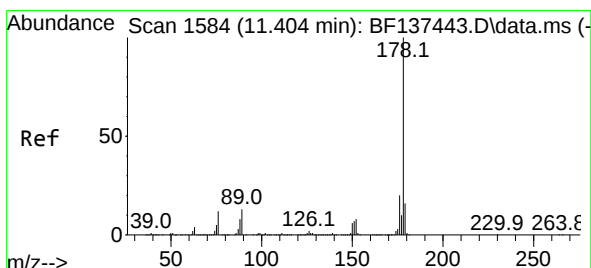
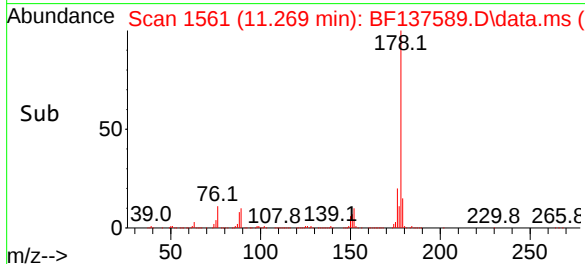
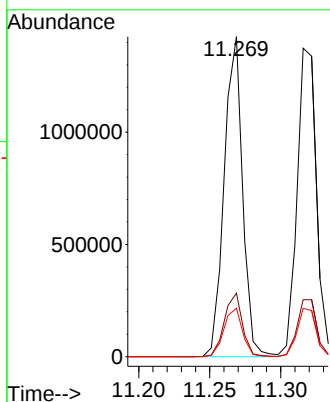
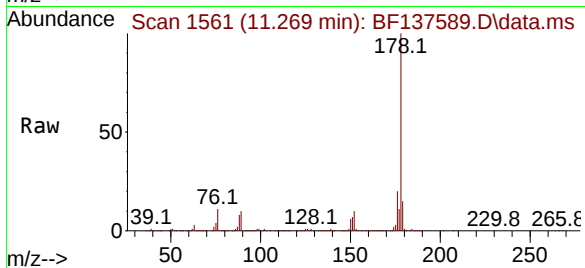
Tgt Ion:178 Resp: 1282954

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.1 12.2 18.2



#72

Anthracene

Concen: 40.393 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

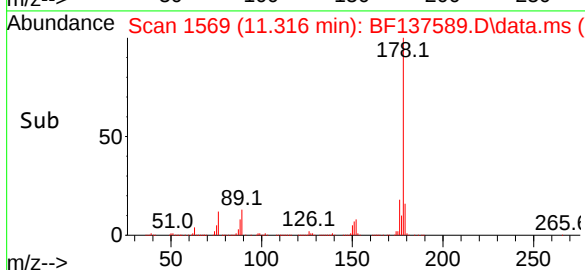
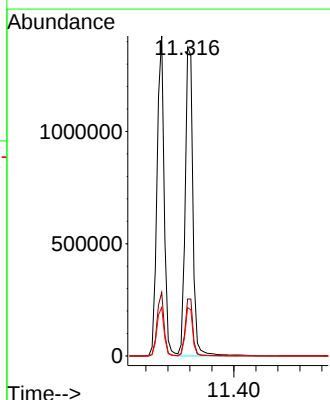
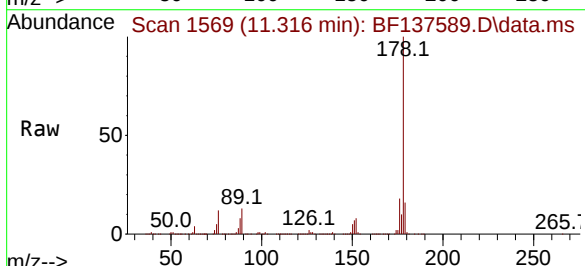
Tgt Ion:178 Resp: 1333702

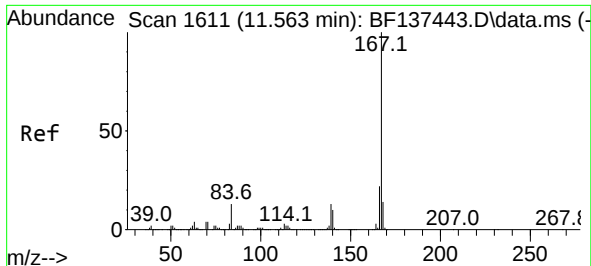
Ion Ratio Lower Upper

178 100

176 18.5 15.7 23.5

179 15.7 12.7 19.1

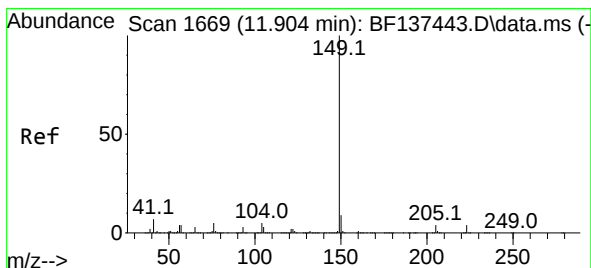
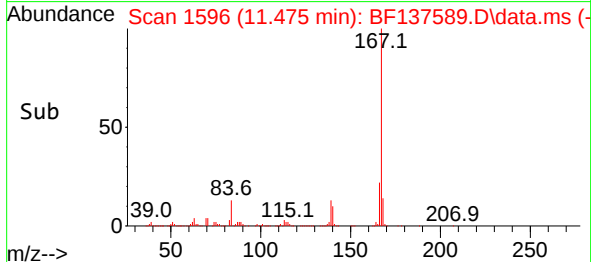
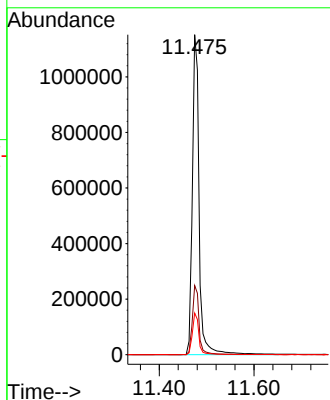
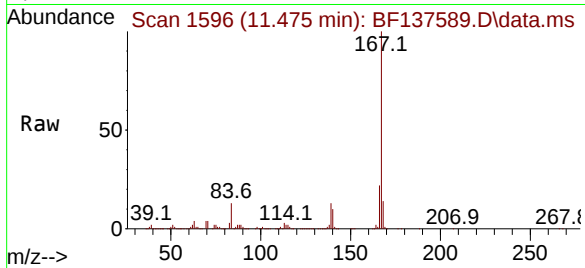




#73
 Carbazole
 Concen: 40.571 ng
 RT: 11.475 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

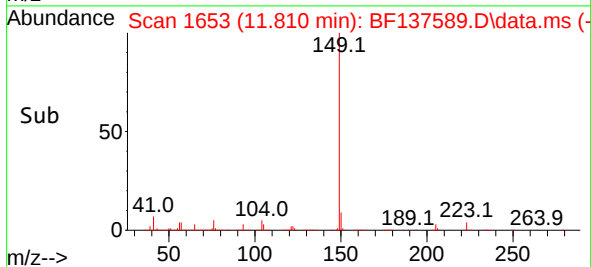
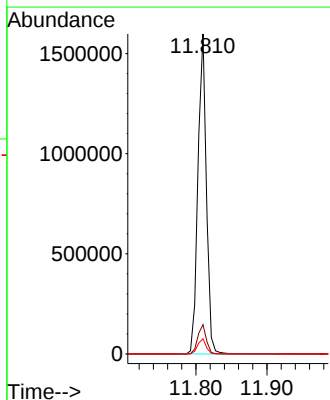
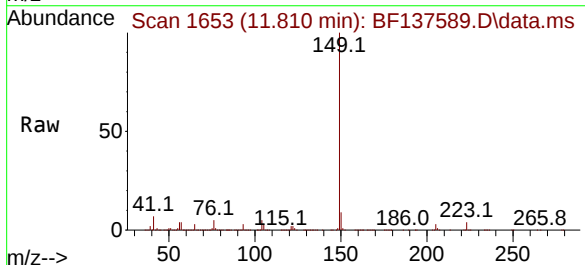
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

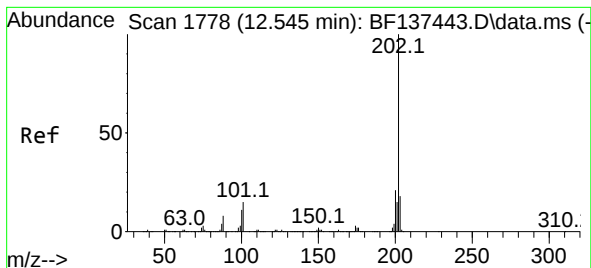
Tgt Ion:167 Resp: 1147438
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.308 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

Tgt Ion:149 Resp: 1322698
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 39.554 ng

RT: 12.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

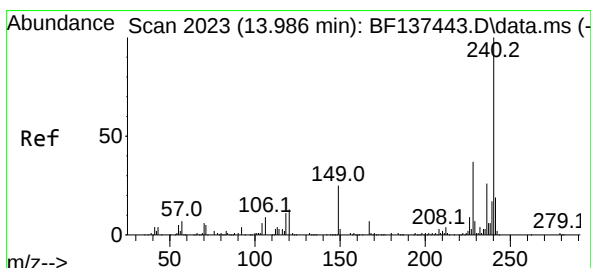
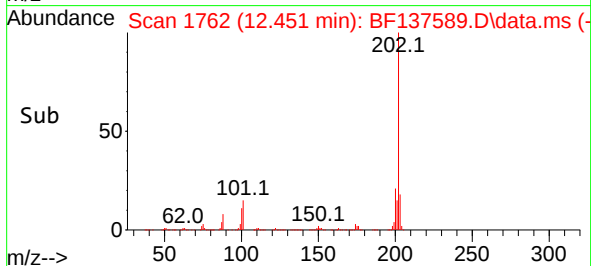
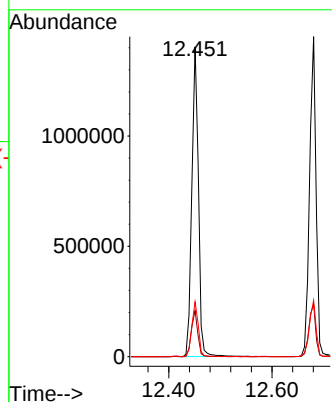
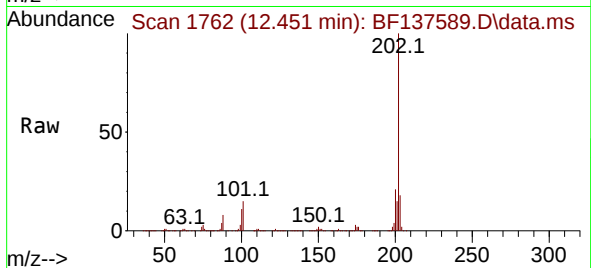
Tgt Ion:202 Resp: 1242957

Ion Ratio Lower Upper

202 100

101 14.9 0.0 35.0

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

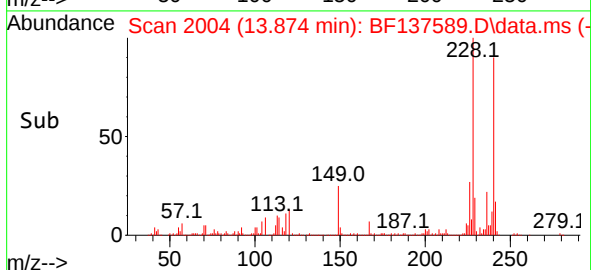
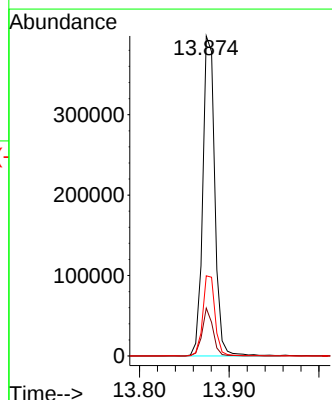
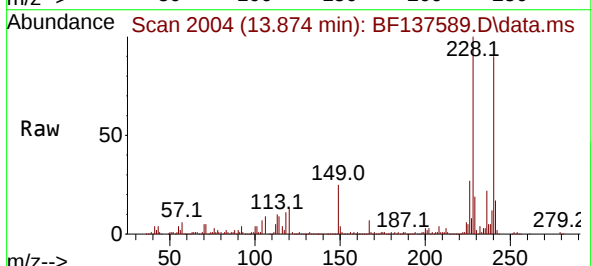
Tgt Ion:240 Resp: 371393

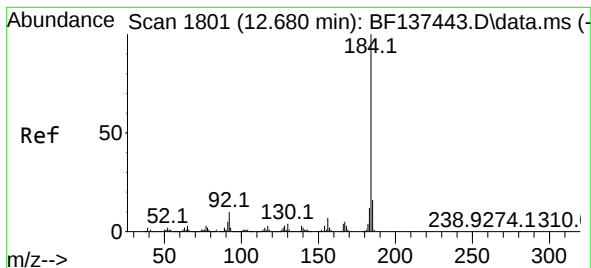
Ion Ratio Lower Upper

240 100

120 14.9 10.4 15.6

236 25.1 20.9 31.3





#77

Benzidine

Concen: 19.266 ng

RT: 12.580 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

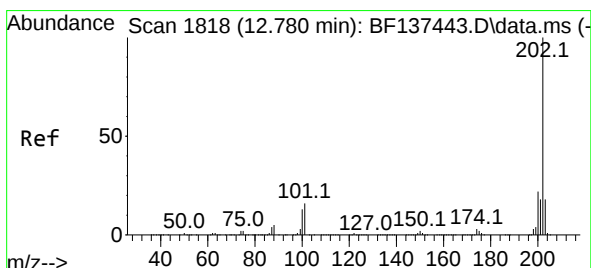
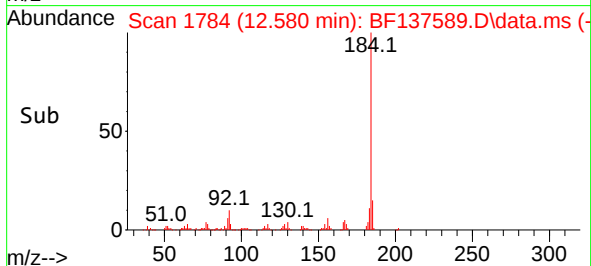
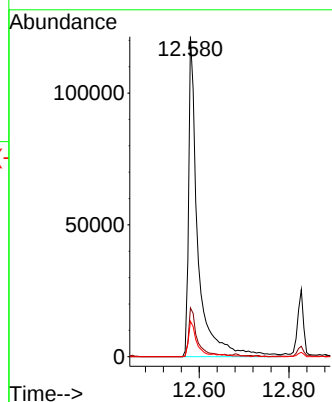
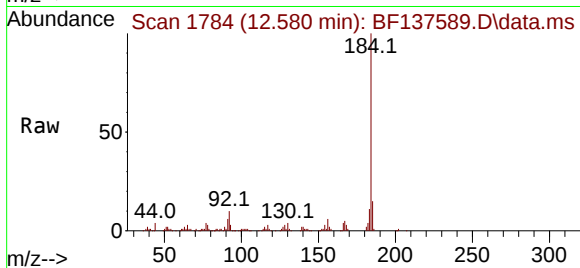
Tgt Ion:184 Resp: 175105

Ion Ratio Lower Upper

184 100

185 15.3 13.2 19.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 34.894 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

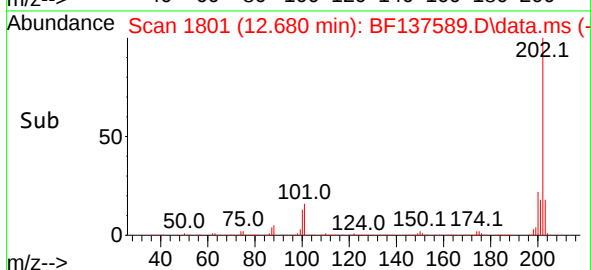
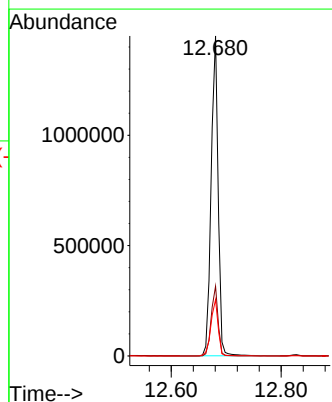
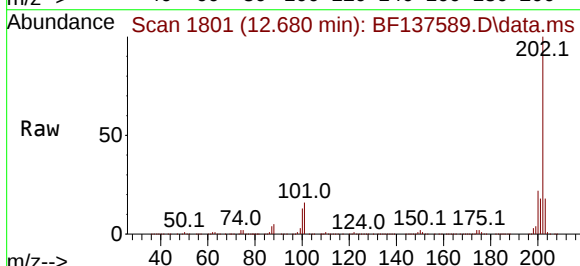
Tgt Ion:202 Resp: 1271601

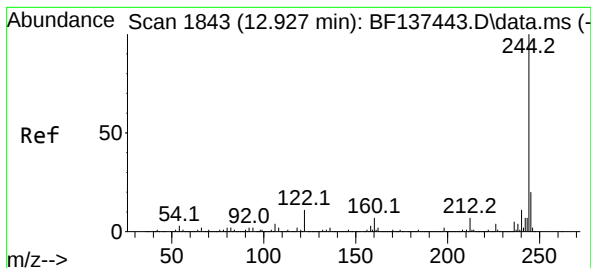
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 68.003 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

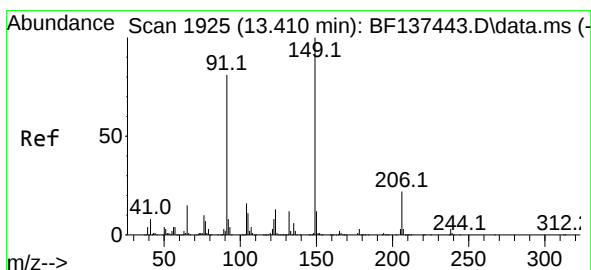
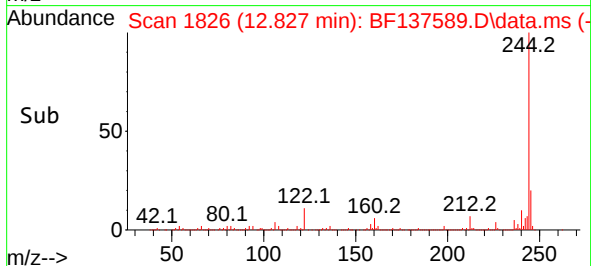
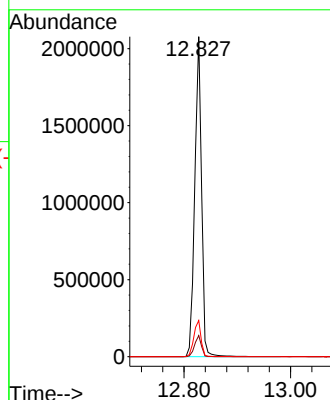
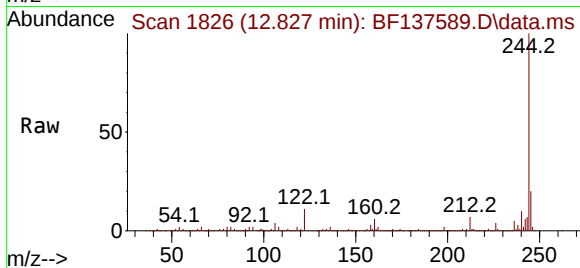
Tgt Ion:244 Resp: 1836640

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 44.261 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

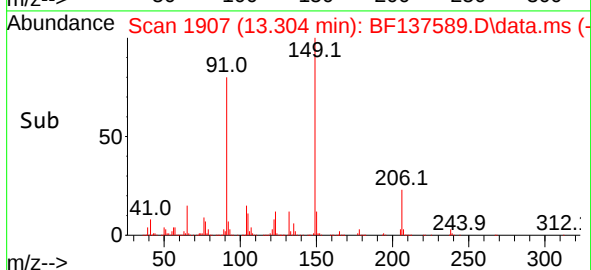
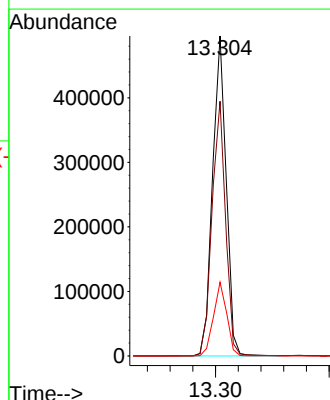
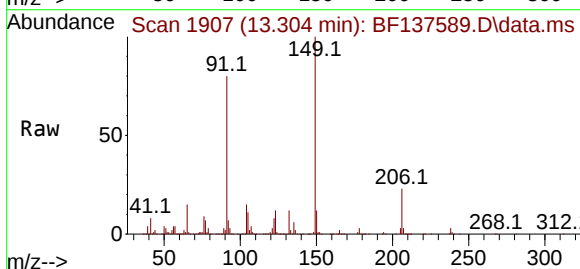
Tgt Ion:149 Resp: 411929

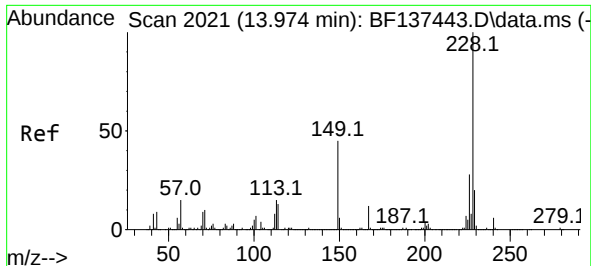
Ion Ratio Lower Upper

149 100

91 79.6 64.7 97.1

206 23.0 17.5 26.3

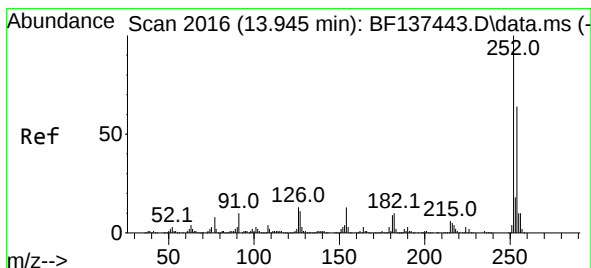
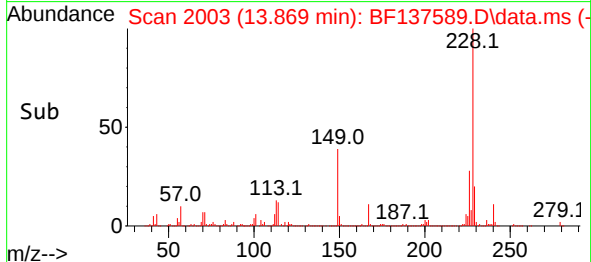
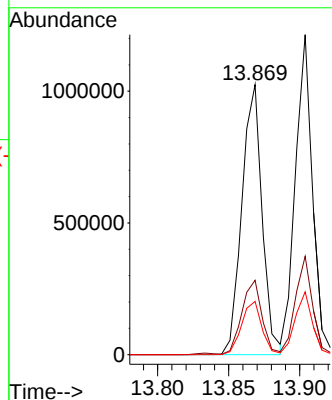
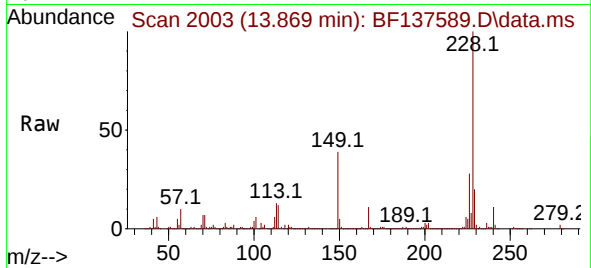




#81
Benzo(a)anthracene
Concen: 39.050 ng
RT: 13.869 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

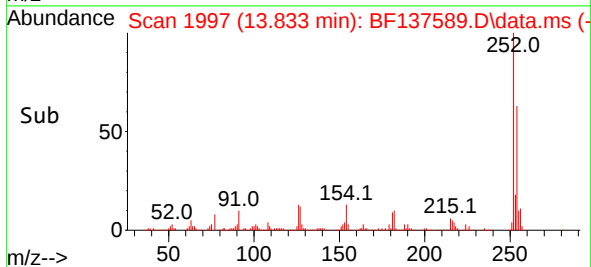
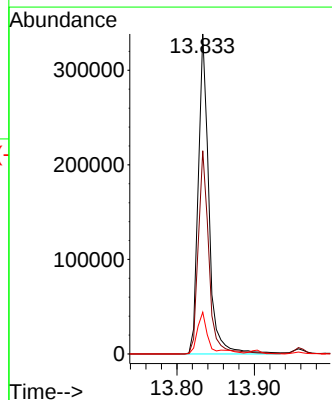
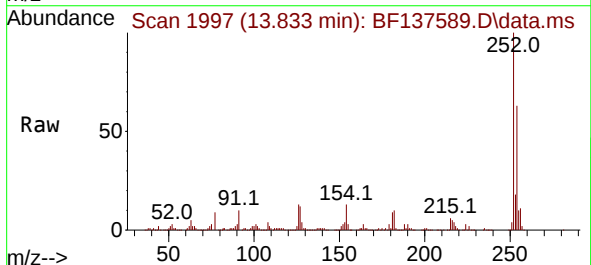
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

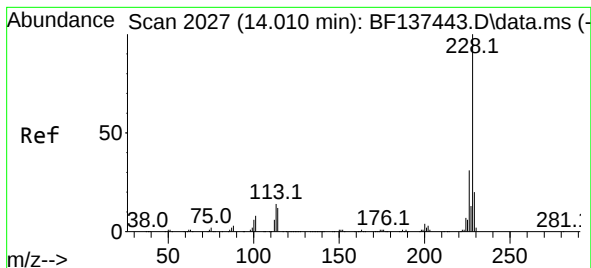
Tgt Ion:228 Resp: 1016493
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 46.486 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:252 Resp: 322239
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 13.1 10.4 15.6





#83

Chrysene

Concen: 39.434 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

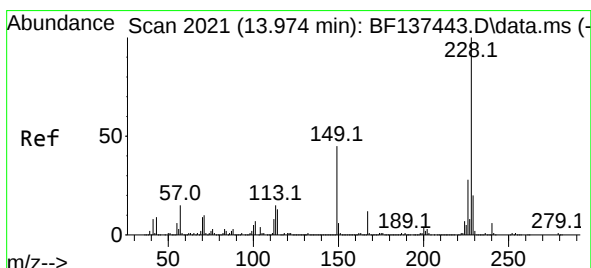
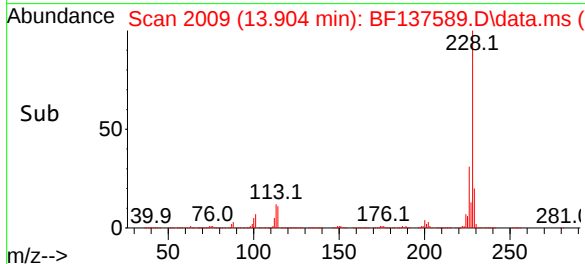
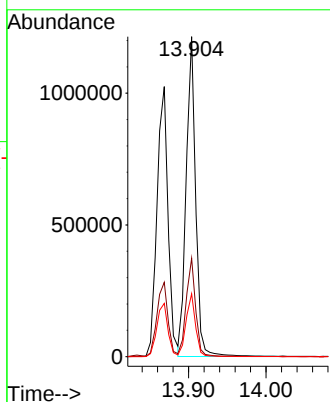
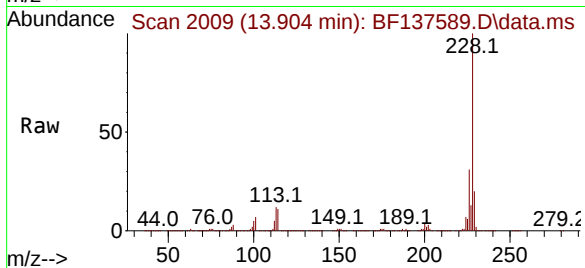
Tgt Ion:228 Resp: 1037472

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.179 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

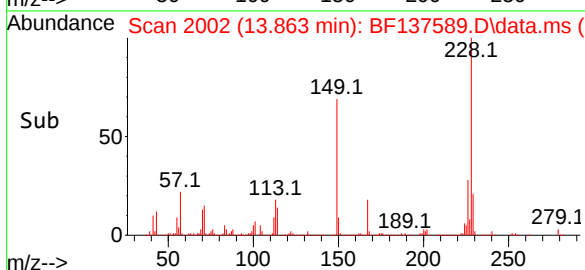
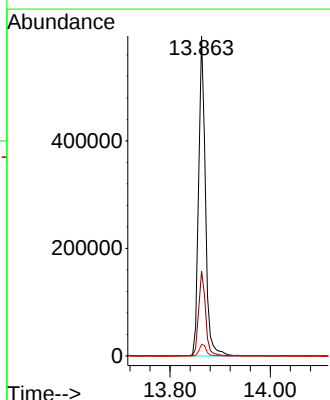
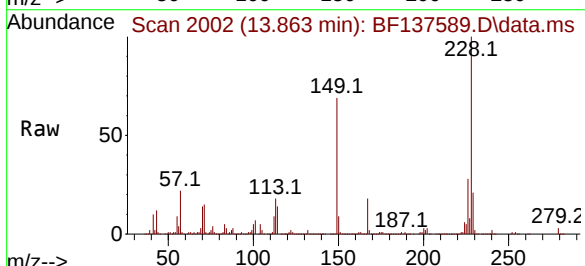
Tgt Ion:149 Resp: 558085

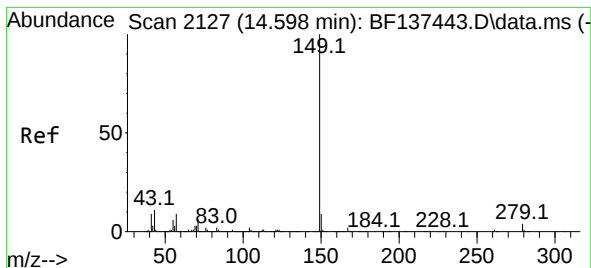
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 42.941 ng

RT: 14.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

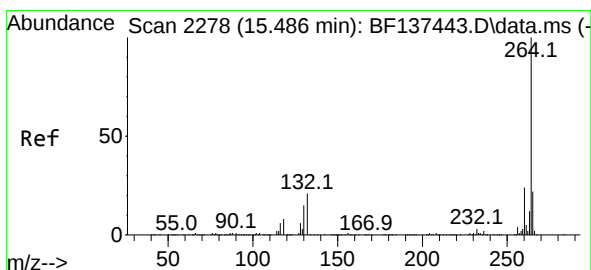
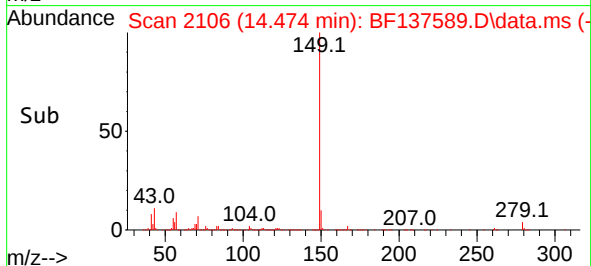
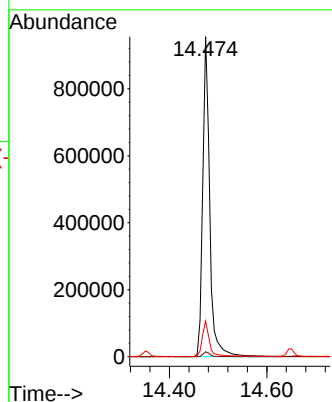
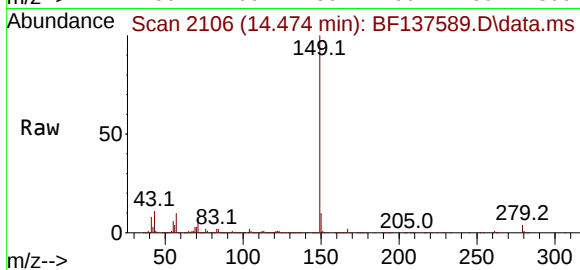
Tgt Ion:149 Resp: 963708

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

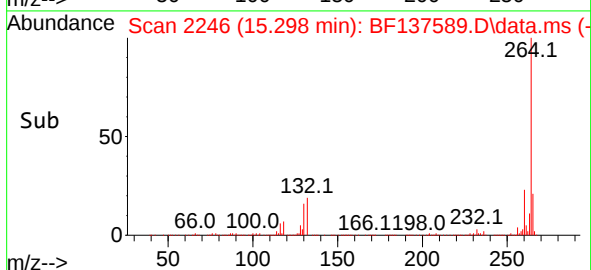
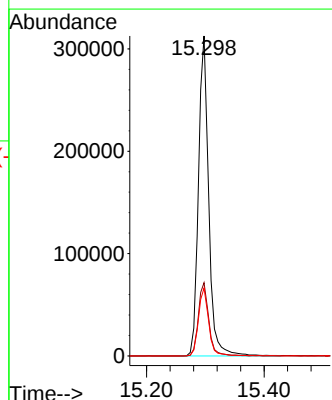
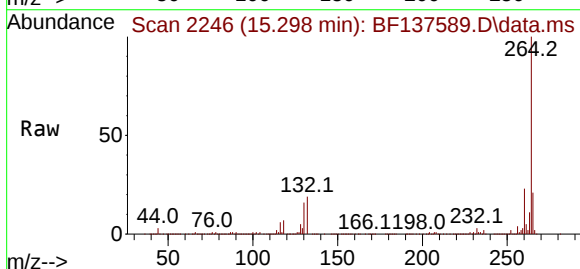
Tgt Ion:264 Resp: 377614

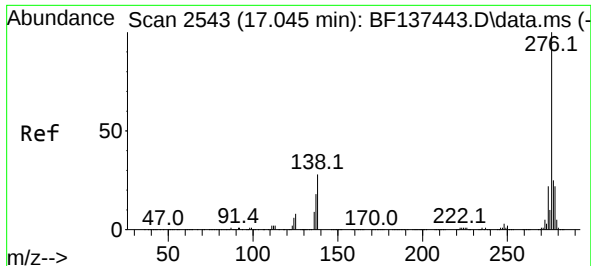
Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.2 17.4 26.0

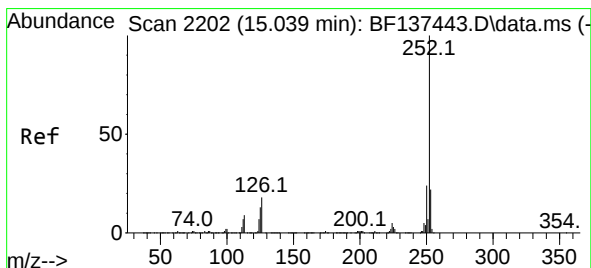
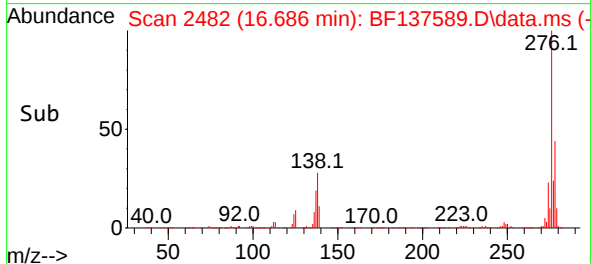
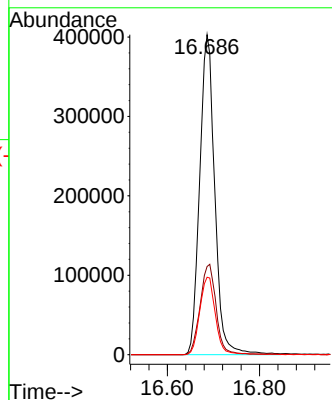
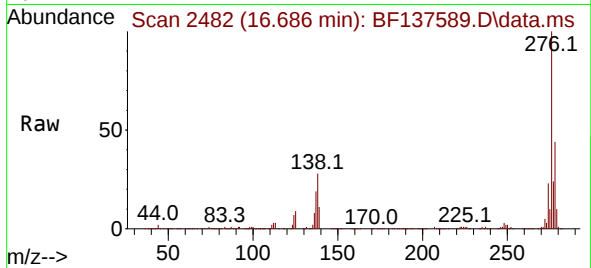




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.970 ng
 RT: 16.686 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

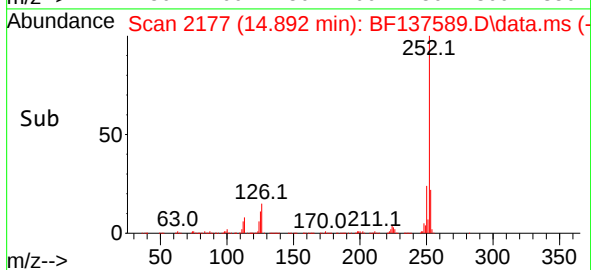
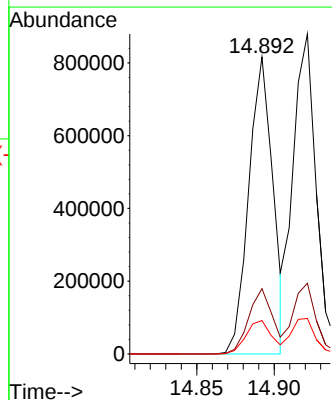
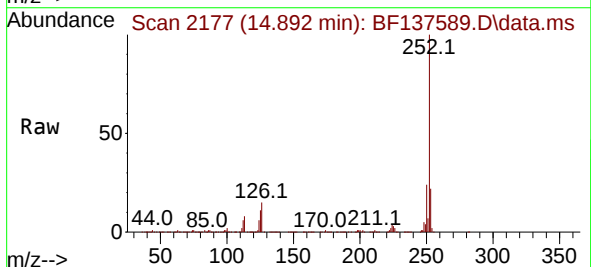
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

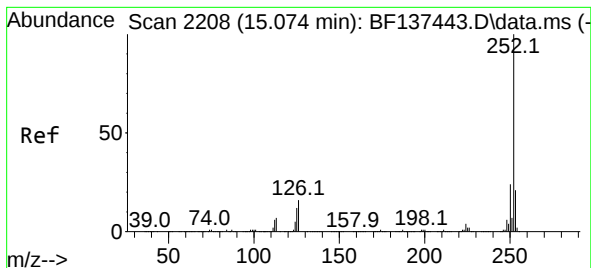
Tgt Ion:276 Resp: 918680
 Ion Ratio Lower Upper
 276 100
 138 30.1 25.8 38.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 39.697 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BF137589.D
 Acq: 14 Mar 2024 14:02

Tgt Ion:252 Resp: 886722
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 11.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 39.010 ng

RT: 14.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

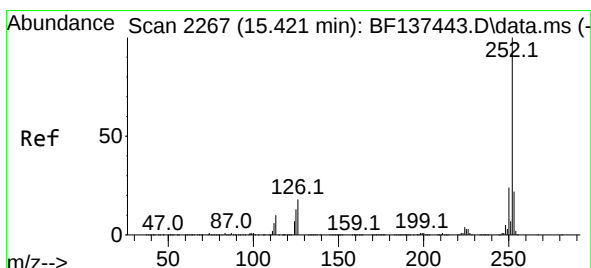
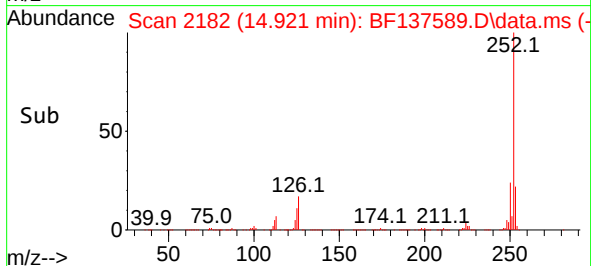
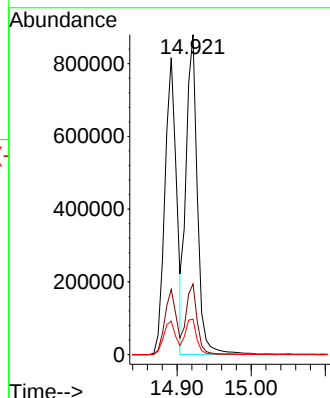
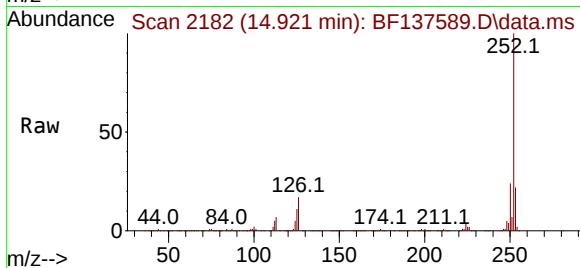
Tgt Ion:252 Resp: 935944

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.1 9.6 14.4



#90

Benzo(a)pyrene

Concen: 40.095 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF137589.D

Acq: 14 Mar 2024 14:02

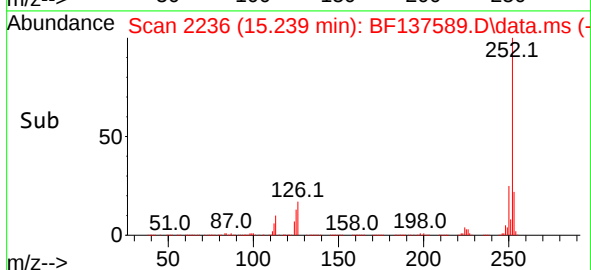
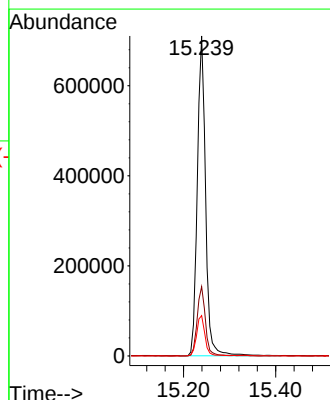
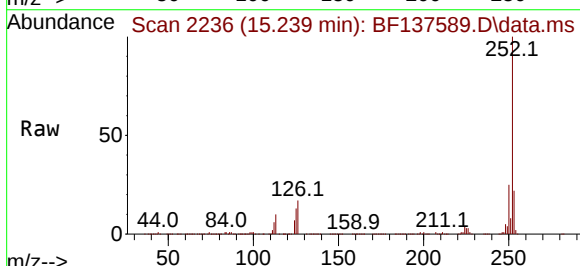
Tgt Ion:252 Resp: 882594

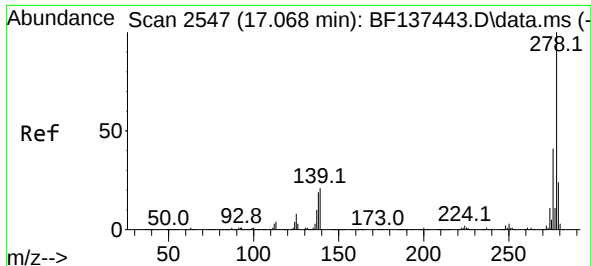
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 12.6 10.4 15.6

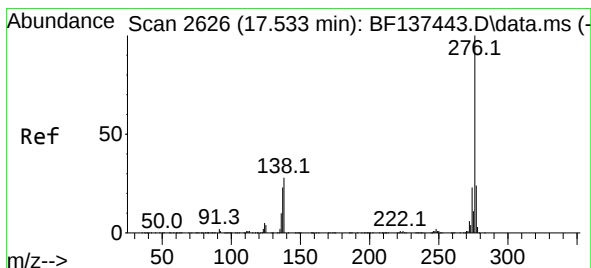
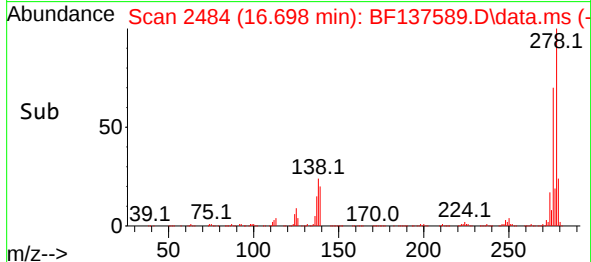
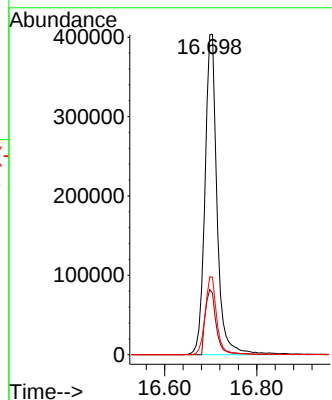
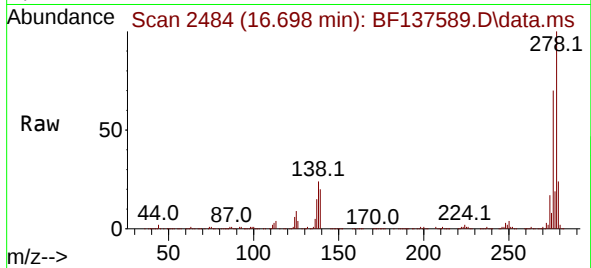




#91
Dibenzo(a,h)anthracene
Concen: 36.756 ng
RT: 16.698 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 740944
Ion Ratio Lower Upper
278 100
139 20.4 17.0 25.6
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 37.113 ng
RT: 17.104 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BF137589.D
Acq: 14 Mar 2024 14:02

Tgt Ion:276 Resp: 768327
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 25.8 22.2 33.2

