

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137545.D
 Acq On : 08 Mar 2024 16:11
 Operator : CG\JU
 Sample : P1705-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMSD

Quant Time: Mar 08 22:17:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	216612	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	820184	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	443124	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	731030	20.000	ng	0.00
76) Chrysene-d12	14.080	240	380902	20.000	ng	0.00
86) Perylene-d12	15.621	264	454964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1047209	73.220	ng	0.01
7) Phenol-d6	6.540	99	1411216	68.357	ng	0.00
23) Nitrobenzene-d5	7.451	82	853187	48.334	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	283727	72.911	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1299330	45.900	ng	0.00
79) Terphenyl-d14	13.016	244	1157221	41.777	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	278497	35.612	ng	100
3) Pyridine	3.599	79	641814	34.030	ng	99
4) n-Nitrosodimethylamine	3.587	42	289321	38.673	ng	98
6) Aniline	6.563	93	563414	22.335	ng	100
8) 2-Chlorophenol	6.681	128	621906	41.227	ng	97
9) Benzaldehyde	6.451	77	292814	28.951	ng	94
10) Phenol	6.551	94	854184	38.441	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	622901	38.254	ng	99
12) 1,3-Dichlorobenzene	6.834	146	652909	40.504	ng	96
13) 1,4-Dichlorobenzene	6.910	146	667528	40.474	ng	99
14) 1,2-Dichlorobenzene	7.057	146	633358	41.839	ng	98
15) Benzyl Alcohol	7.040	79	561464	43.685	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1015047	36.265	ng	98
17) 2-Methylphenol	7.145	107	497992	35.280	ng	99
18) Hexachloroethane	7.392	117	231930	42.708	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	456132	35.779	ng	99
20) 3+4-Methylphenols	7.298	107	579692	35.858	ng	93
22) Acetophenone	7.298	105	811608	40.898	ng	# 99
24) Nitrobenzene	7.469	77	707537	39.901	ng	99
25) Isophorone	7.704	82	1306363	38.954	ng	99
26) 2-Nitrophenol	7.781	139	322056	45.747	ng	100
27) 2,4-Dimethylphenol	7.822	122	433765	32.975	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	784692	39.880	ng	100
29) 2,4-Dichlorophenol	8.022	162	507004	41.995	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	535261	42.131	ng	98
31) Naphthalene	8.187	128	2020648	45.918	ng	100
32) Benzoic acid	7.957	122	252112	35.212	ng	97
33) 4-Chloroaniline	8.239	127	129066	7.480	ng	99
34) Hexachlorobutadiene	8.298	225	315226	42.027	ng	98
35) Caprolactam	8.639	113	58383	14.262	ng	93
36) 4-Chloro-3-methylphenol	8.728	107	546355	40.486	ng	99
37) 2-Methylnaphthalene	8.875	142	1123937	40.064	ng	99
38) 1-Methylnaphthalene	8.975	142	1074961	40.689	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	511061	41.311	ng	99
41) Hexachlorocyclopentadiene	9.028	237	404272	80.069	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	342917	42.567	ng	99

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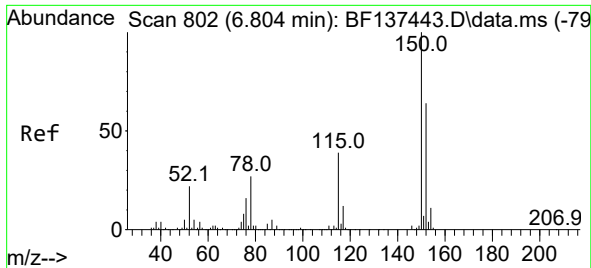
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	374778	40.385	ng	97
46) 1,1'-Biphenyl	9.345	154	1309056	40.362	ng	99
47) 2-Chloronaphthalene	9.369	162	1026005	41.493	ng	99
48) 2-Nitroaniline	9.469	65	352928	41.992	ng	98
49) Acenaphthylene	9.786	152	1654137	41.801	ng	99
50) Dimethylphthalate	9.651	163	1208850	39.189	ng	100
51) 2,6-Dinitrotoluene	9.716	165	273009	42.315	ng	# 84
52) Acenaphthene	9.957	154	917813	38.849	ng	99
53) 3-Nitroaniline	9.881	138	130028	19.053	ng	96
54) 2,4-Dinitrophenol	9.992	184	227479	73.080	ng	98
55) Dibenzofuran	10.133	168	1389090	38.605	ng	98
56) 4-Nitrophenol	10.057	139	371950	76.800	ng	94
57) 2,4-Dinitrotoluene	10.122	165	333778	42.109	ng	99
58) Fluorene	10.475	166	1070305	38.731	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	297622	39.993	ng	95
60) Diethylphthalate	10.357	149	1124947	38.619	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	503849	37.203	ng	98
62) 4-Nitroaniline	10.504	138	248412	42.352	ng	98
63) Azobenzene	10.628	77	1281647	38.210	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	182859	44.880	ng	94
66) n-Nitrosodiphenylamine	10.592	169	940842	39.968	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	327809	41.171	ng	100
68) Hexachlorobenzene	11.022	284	351420	43.698	ng	99
69) Atrazine	11.128	200	316348	44.207	ng	97
70) Pentachlorophenol	11.222	266	368217	75.741	ng	99
71) Phenanthrene	11.445	178	1630500	40.984	ng	99
72) Anthracene	11.498	178	1636900	40.061	ng	99
73) Carbazole	11.657	167	1386271	39.608	ng	99
74) Di-n-butylphthalate	11.992	149	1719434	41.291	ng	100
75) Fluoranthene	12.639	202	1460909	37.567	ng	99
77) Benzidine	12.769	184	411173	44.110	ng	98
78) Pyrene	12.869	202	1482224	39.658	ng	99
80) Butylbenzylphthalate	13.504	149	512738	53.718	ng	98
81) Benzo(a)anthracene	14.069	228	1102617	41.301	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	202057	28.421	ng	99
83) Chrysene	14.110	228	1118276	41.444	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	666479	54.935	ng	100
85) Di-n-octyl phthalate	14.698	149	1213777	51.454	ng	98
87) Indeno(1,2,3-cd)pyrene	17.245	276	1150717	38.434	ng	99
88) Benzo(b)fluoranthene	15.163	252	1178840	43.802	ng	99
89) Benzo(k)fluoranthene	15.198	252	1059323	36.646	ng	99
90) Benzo(a)pyrene	15.557	252	1088268	41.034	ng	98
91) Dibenzo(a,h)anthracene	17.274	278	935830	38.532	ng	98
92) Benzo(g,h,i)perylene	17.739	276	847581	33.981	ng	99

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

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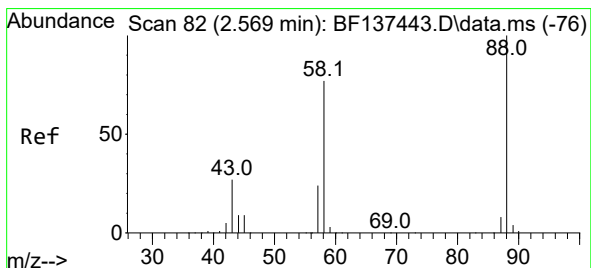
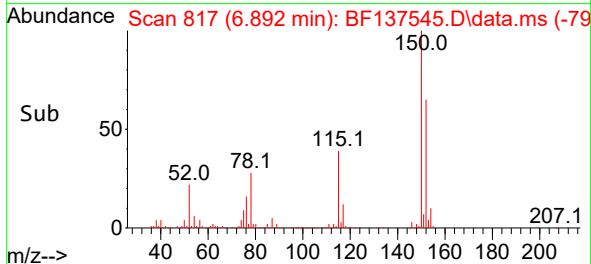
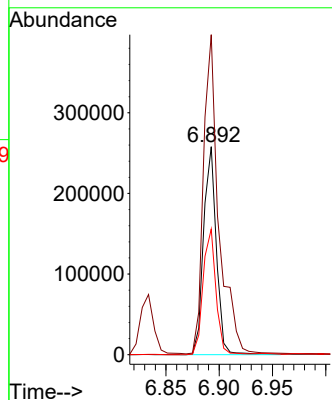
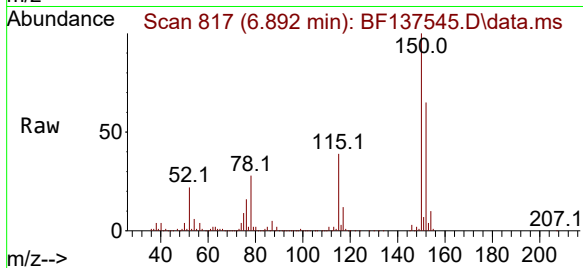




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.005 min
 Lab File: BF137545.D
 Acq: 08 Mar 2024 16:11

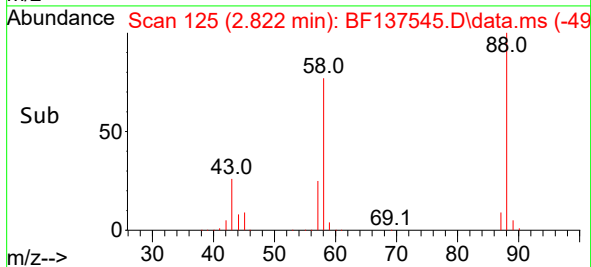
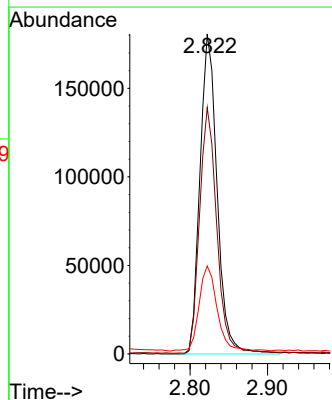
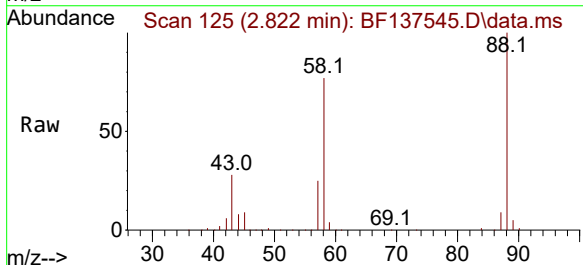
Instrument :
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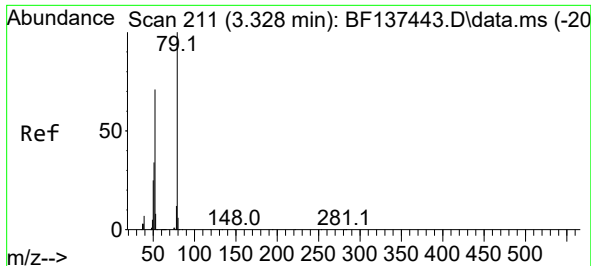
Tgt Ion:152 Resp: 216612
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.8 188.6
 115 60.4 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.612 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.094 min
 Lab File: BF137545.D
 Acq: 08 Mar 2024 16:11

Tgt Ion: 88 Resp: 278497
 Ion Ratio Lower Upper
 88 100
 58 77.1 61.8 92.8
 43 28.0 22.2 33.4

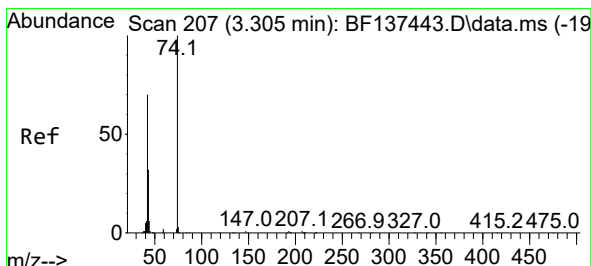
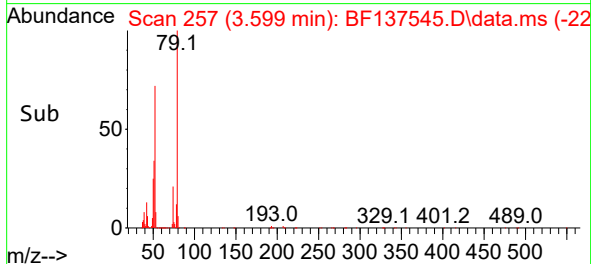
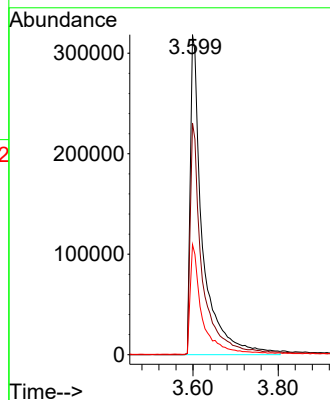
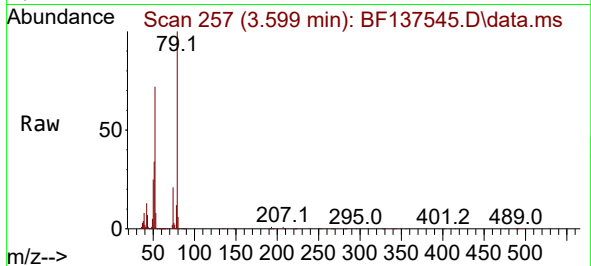




#3
Pyridine
Concen: 34.030 ng
RT: 3.599 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

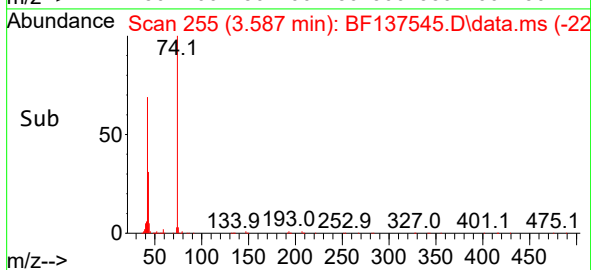
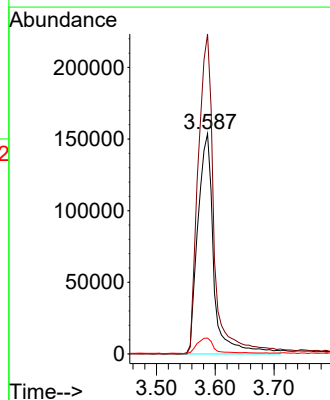
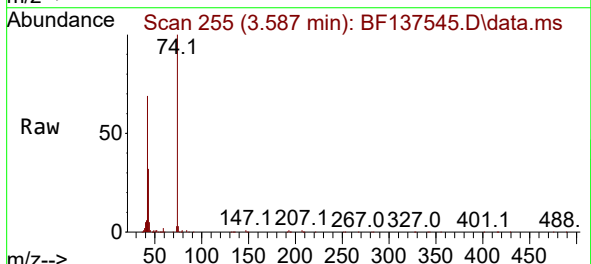
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BNA_F
ClientSampleId :
TP-2BMSD

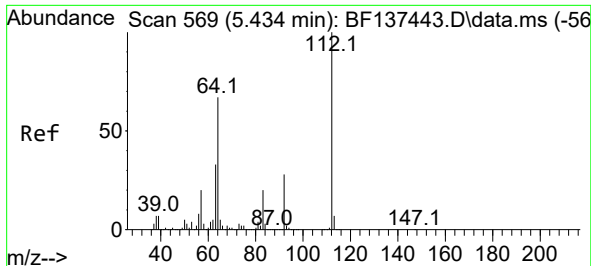
Tgt Ion: 79 Resp: 641814
Ion Ratio Lower Upper
79 100
52 72.4 57.0 85.4
51 34.4 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 38.673 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.071 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion: 42 Resp: 289321
Ion Ratio Lower Upper
42 100
74 145.4 114.0 171.0
44 7.2 7.0 10.4

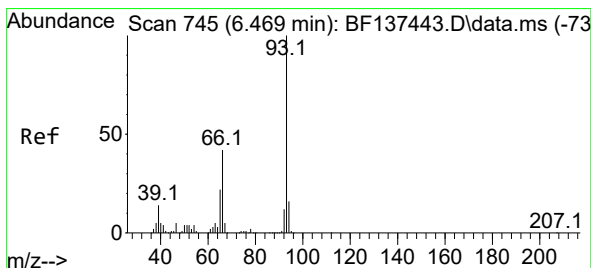
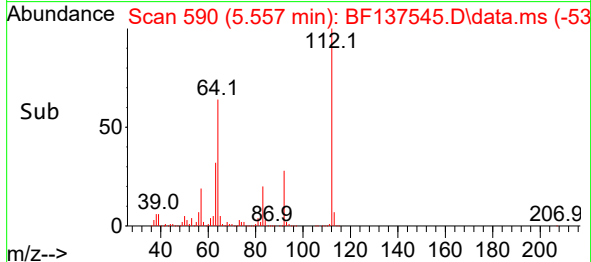
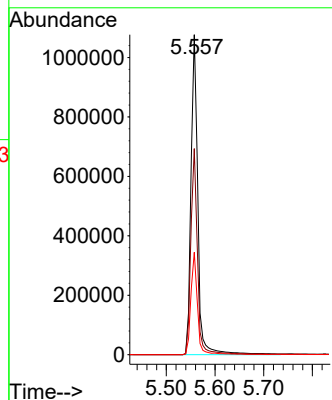
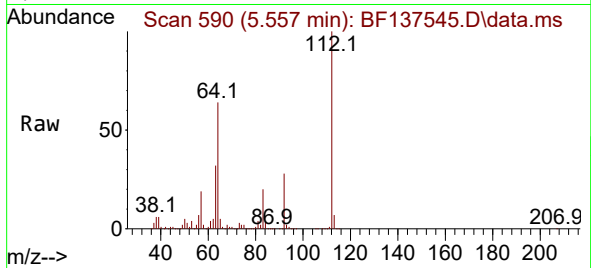




#5
2-Fluorophenol
Concen: 73.220 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

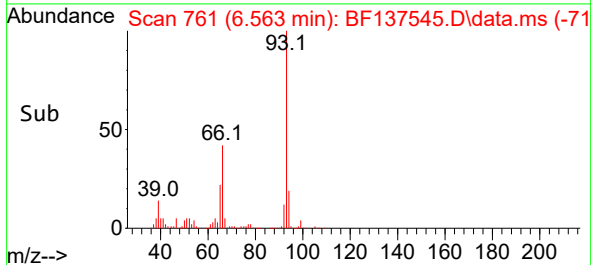
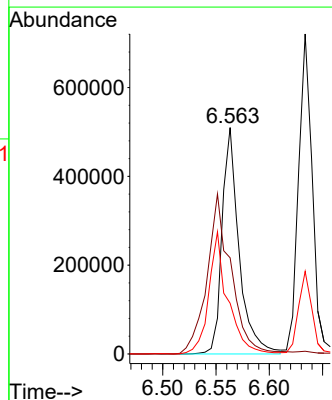
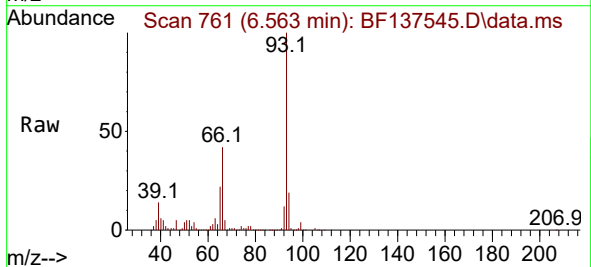
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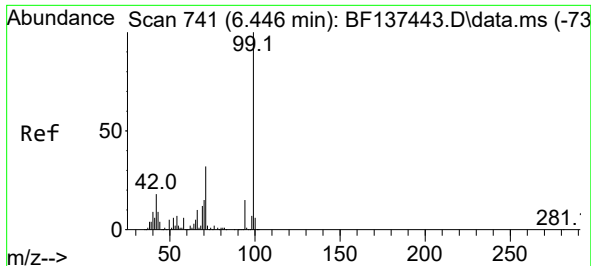
Tgt Ion:112 Resp: 1047209
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 32.0 26.2 39.2



#6
Aniline
Concen: 22.335 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion: 93 Resp: 563414
Ion Ratio Lower Upper
93 100
66 42.4 34.0 51.0
65 22.4 17.8 26.8

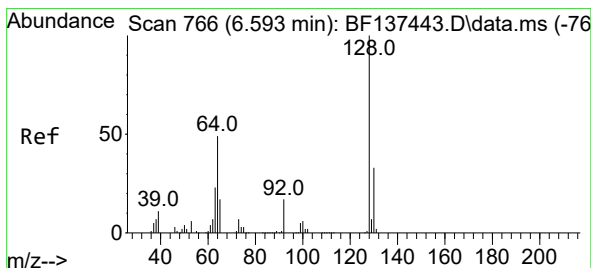
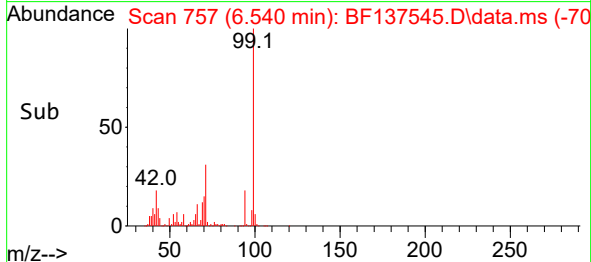
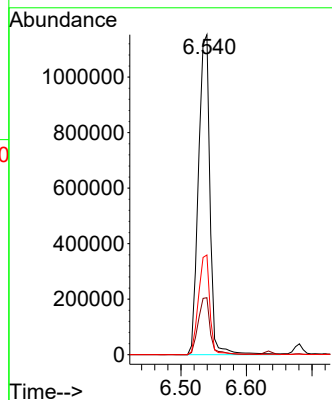
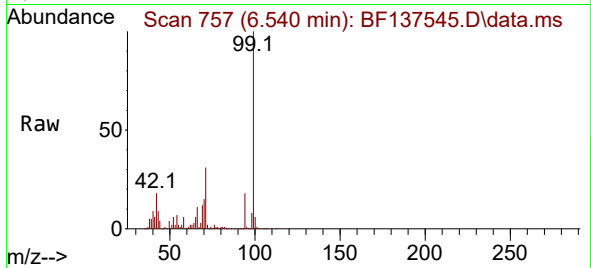




#7
Phenol-d6
Concen: 68.357 ng
RT: 6.540 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

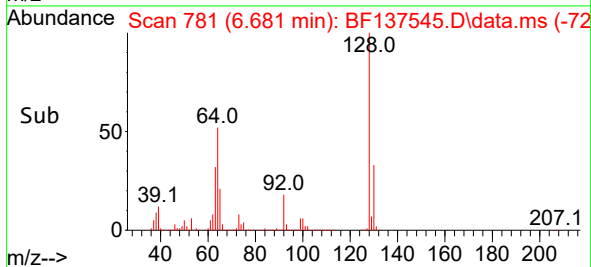
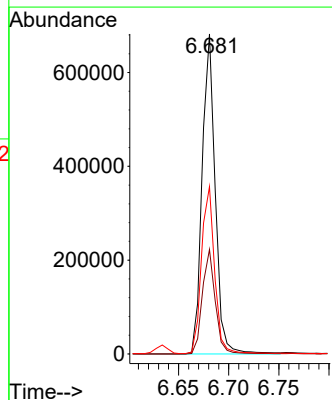
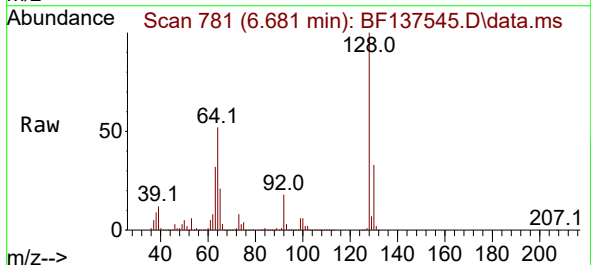
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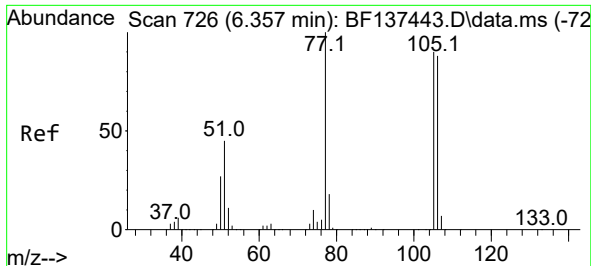
Tgt Ion: 99 Resp: 1411216
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 31.2 25.3 37.9



#8
2-Chlorophenol
Concen: 41.227 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion: 128 Resp: 621906
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 52.3 30.0 70.0





#9

Benzaldehyde

Concen: 28.951 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

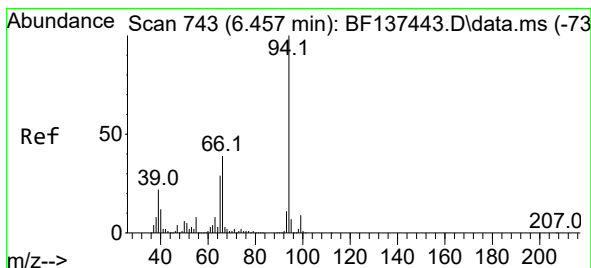
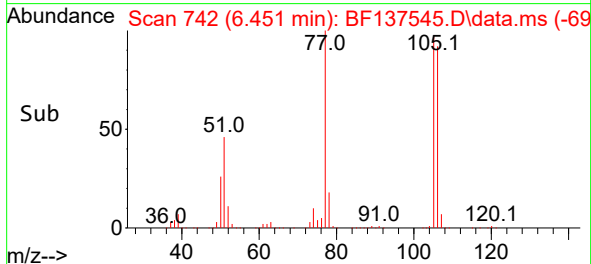
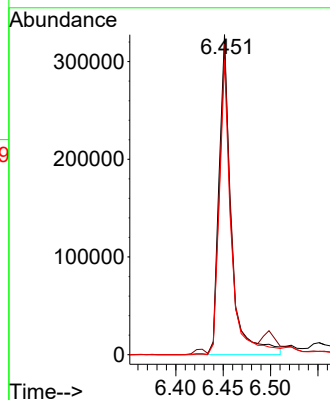
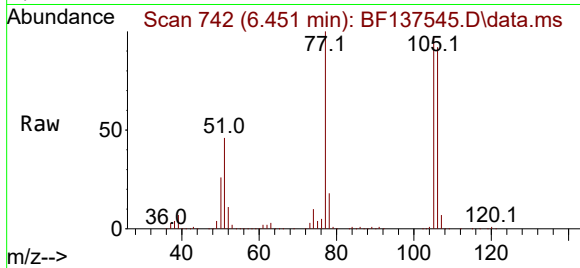
Tgt Ion: 77 Resp: 292814

Ion Ratio Lower Upper

77 100

105 97.0 69.8 109.8

106 92.1 67.8 107.8



#10

Phenol

Concen: 38.441 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

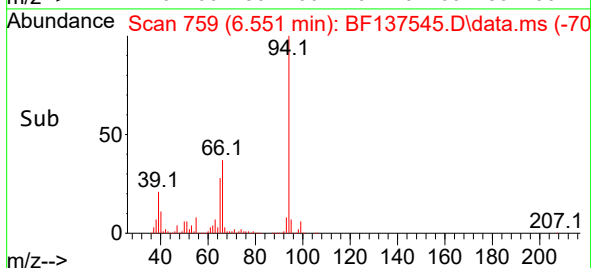
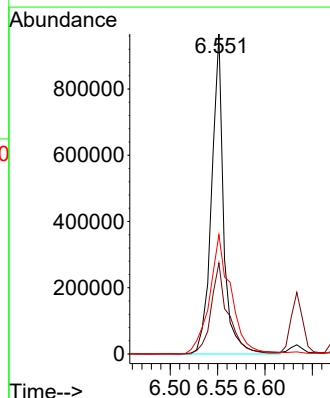
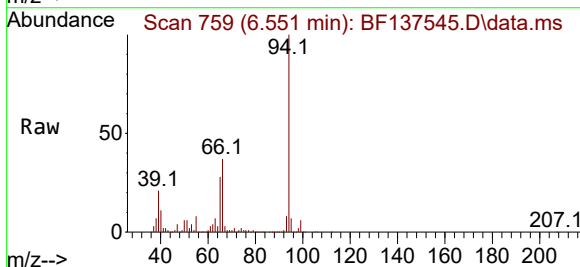
Tgt Ion: 94 Resp: 854184

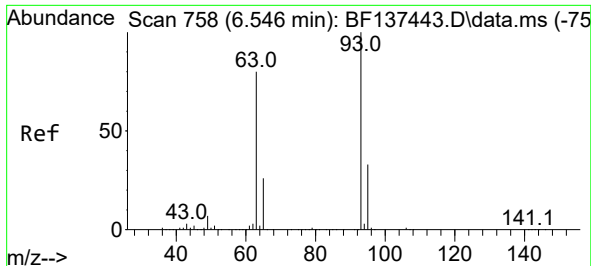
Ion Ratio Lower Upper

94 100

65 28.5 8.7 48.7

66 37.3 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 38.254 ng

RT: 6.634 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

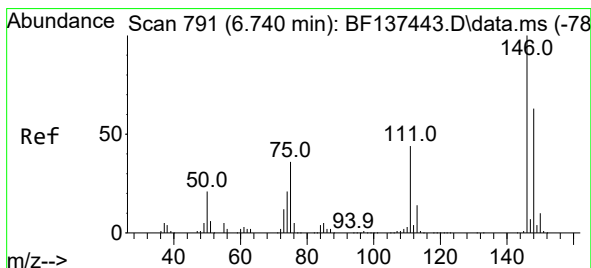
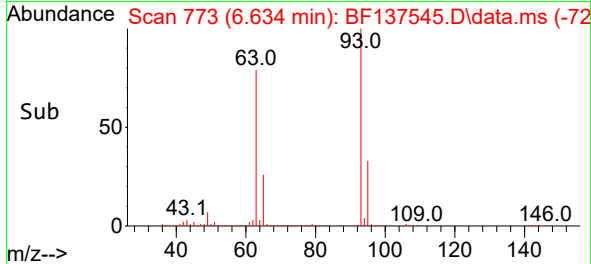
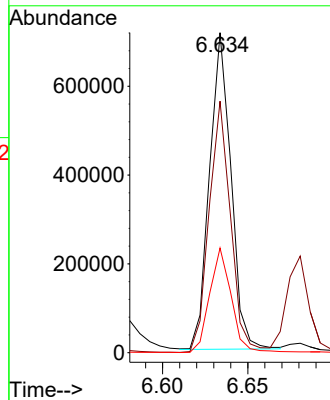
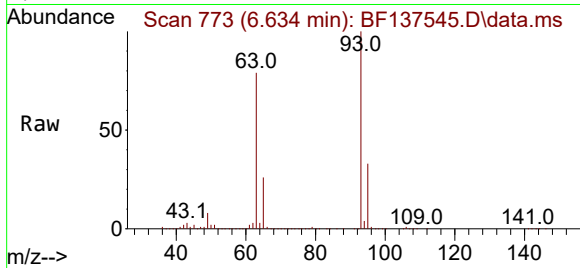
Tgt Ion: 93 Resp: 622901

Ion Ratio Lower Upper

93 100

63 78.6 58.9 98.9

95 32.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 40.504 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

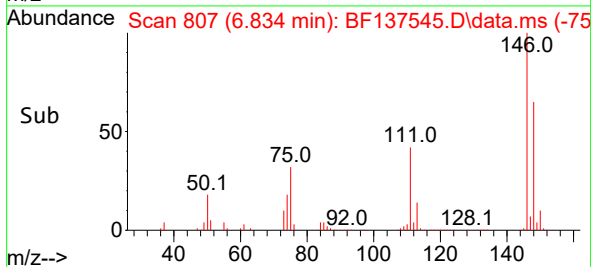
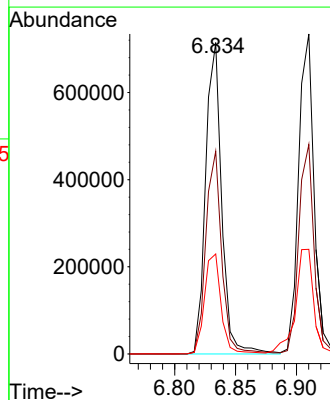
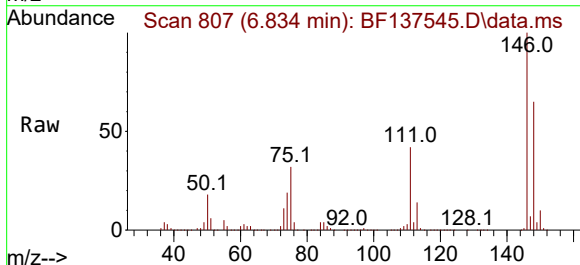
Tgt Ion: 146 Resp: 652909

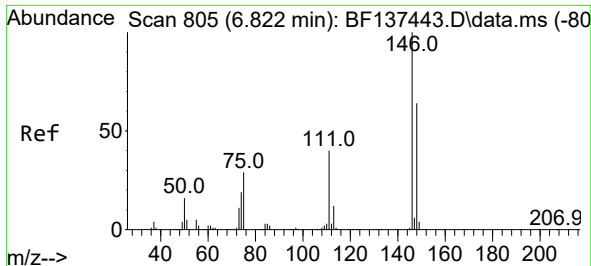
Ion Ratio Lower Upper

146 100

148 65.1 50.3 75.5

75 32.1 29.0 43.4

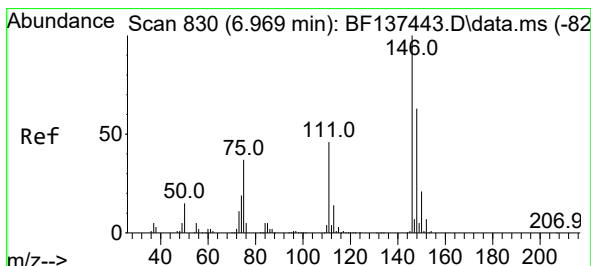
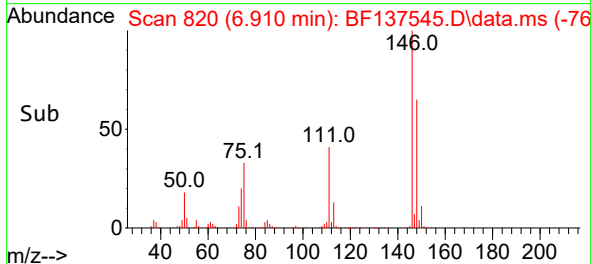
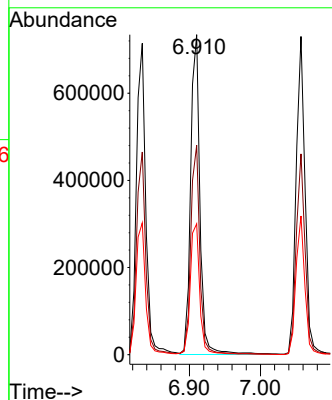
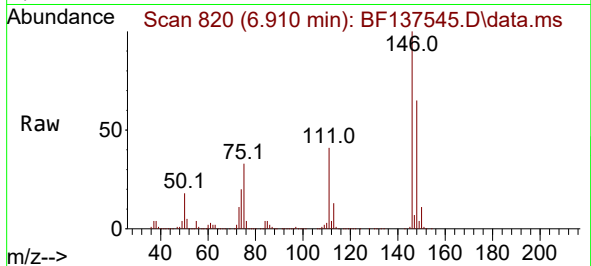




#13
1,4-Dichlorobenzene
Concen: 40.474 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

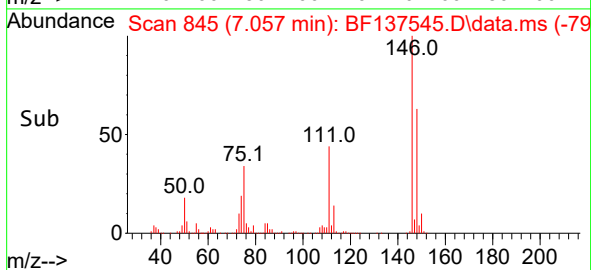
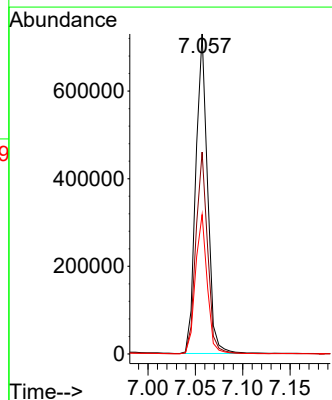
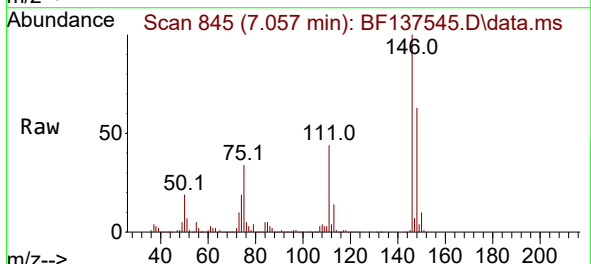
Instrument :
BNA_F
ClientSampleId :
TP-2BMDS

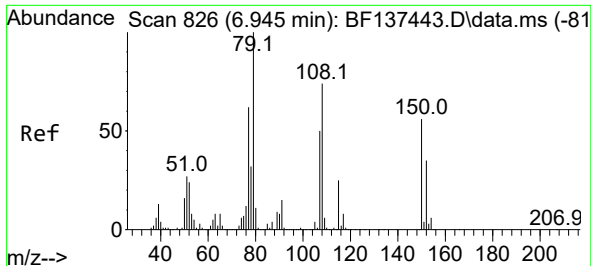
Tgt Ion:146 Resp: 667528
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
111 40.9 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 41.839 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:146 Resp: 633358
Ion Ratio Lower Upper
146 100
148 63.1 50.0 75.0
111 43.6 36.8 55.2

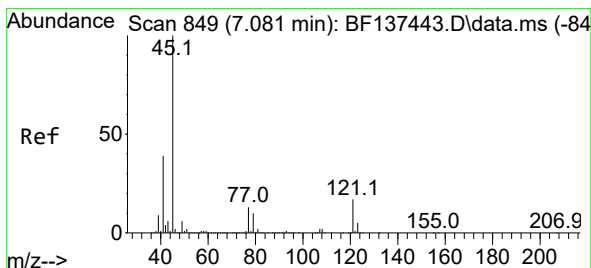
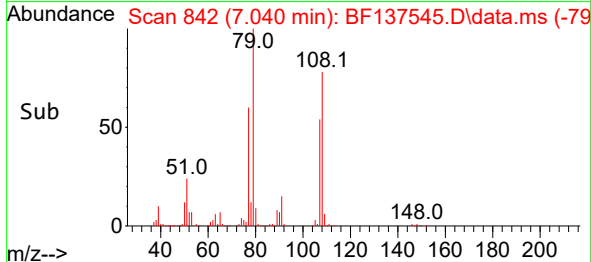
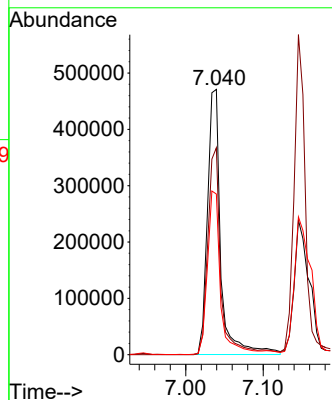
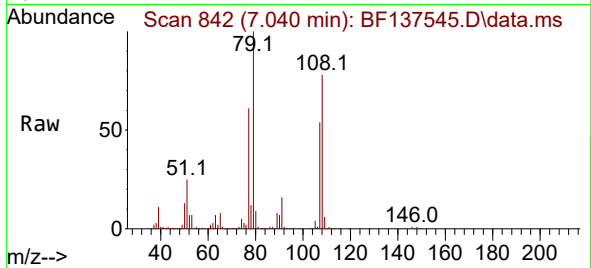




#15
Benzyl Alcohol
Concen: 43.685 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

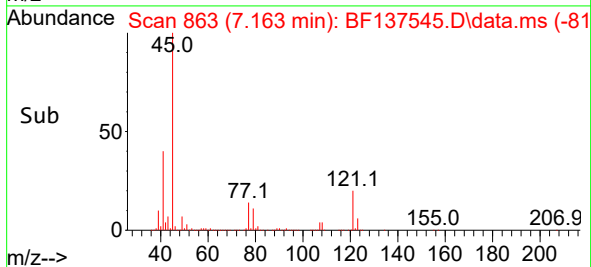
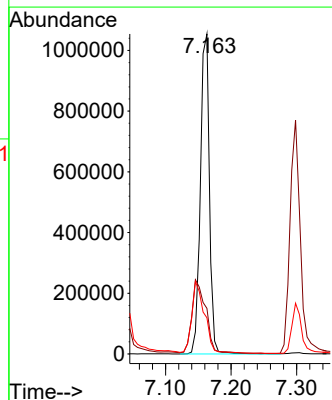
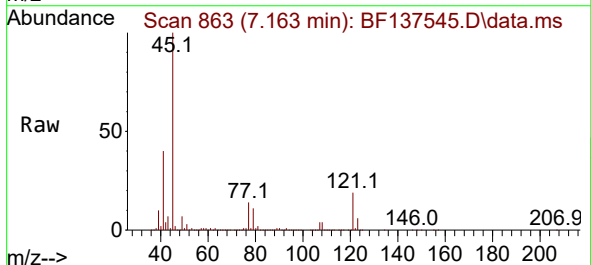
Instrument :
BNA_F
ClientSampleId :
TP-2BMDS

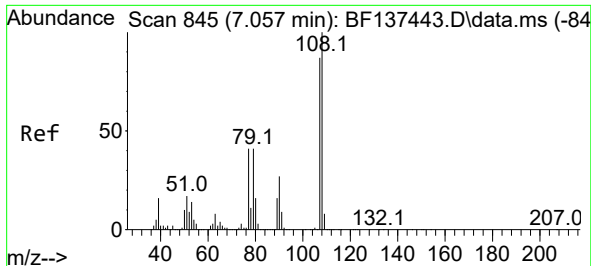
Tgt Ion: 79 Resp: 561464
Ion Ratio Lower Upper
79 100
108 78.0 59.5 89.3
77 60.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.265 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion: 45 Resp: 1015047
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.4
79 11.3 0.0 30.9

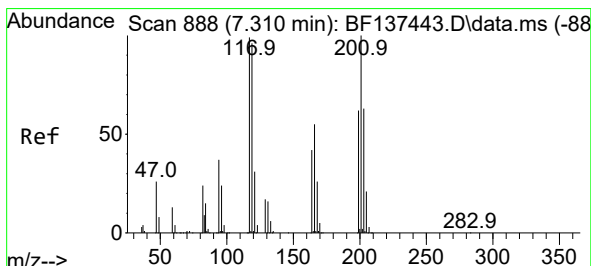
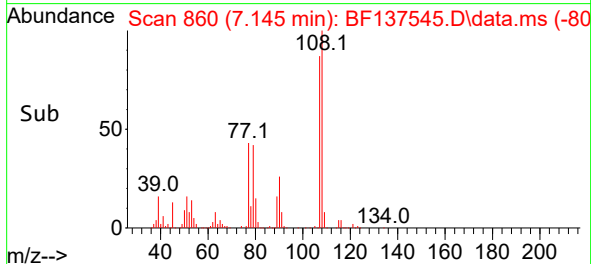
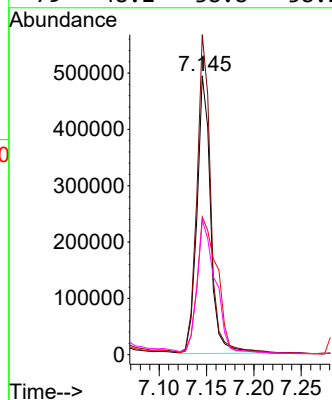
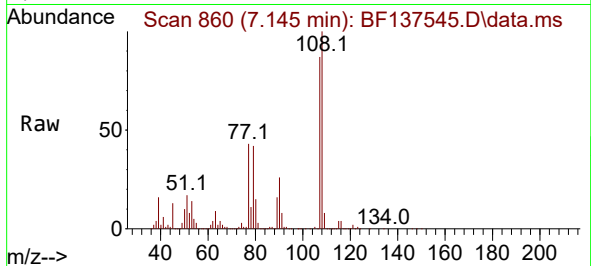




#17
2-Methylphenol
Concen: 35.280 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

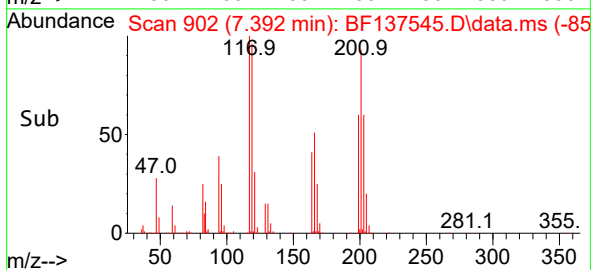
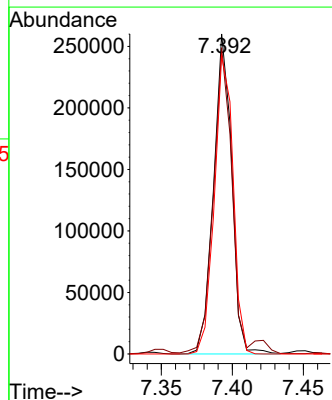
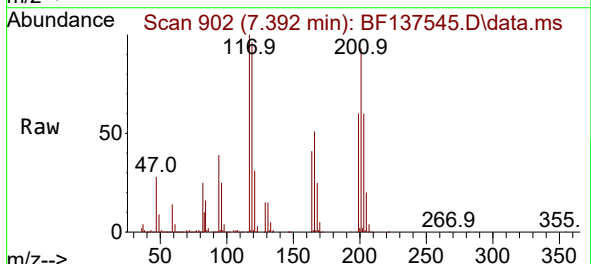
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

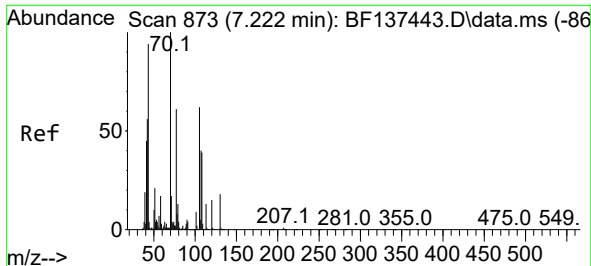
Tgt Ion:107 Resp: 497992
Ion Ratio Lower Upper
107 100
108 114.7 92.2 138.4
77 49.4 38.6 57.8
79 48.2 38.8 58.2



#18
Hexachloroethane
Concen: 42.708 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:117 Resp: 231930
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 93.2 80.6 121.0





#19

n-Nitroso-di-n-propylamine

Concen: 35.779 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

Tgt Ion: 70 Resp: 456132

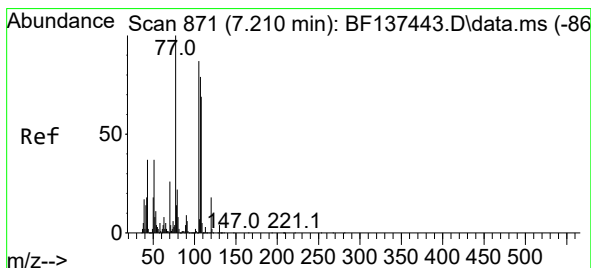
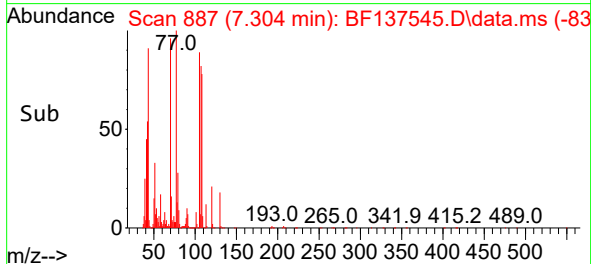
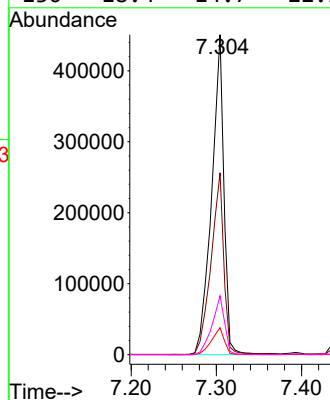
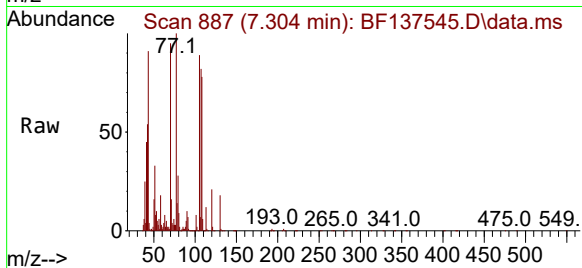
Ion Ratio Lower Upper

70 100

42 56.8 45.2 67.8

101 8.4 7.3 10.9

130 18.4 14.7 22.1



#20

3+4-Methylphenols

Concen: 35.858 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Tgt Ion: 107 Resp: 579692

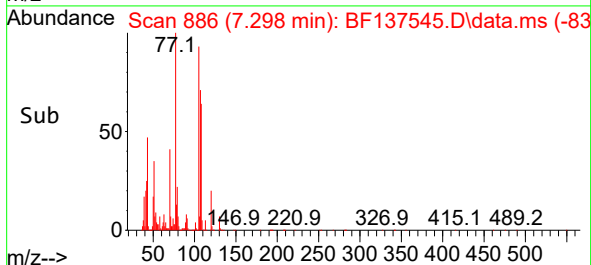
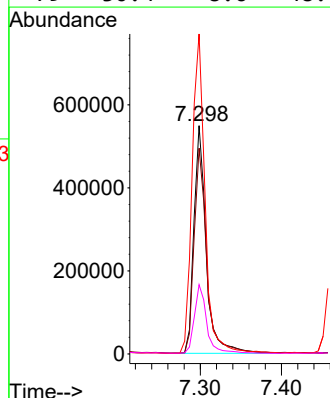
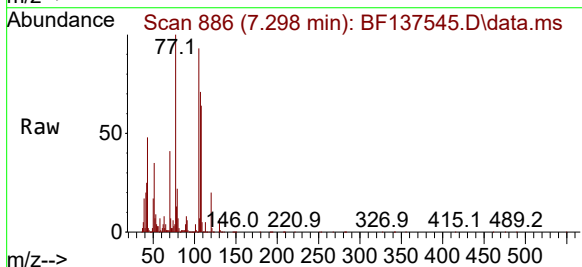
Ion Ratio Lower Upper

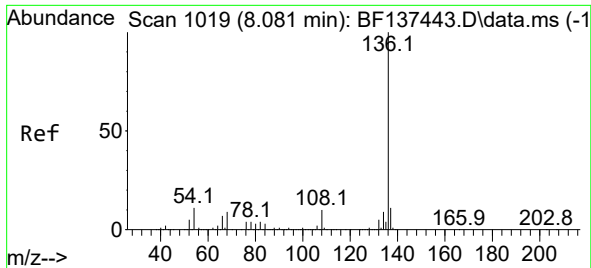
107 100

108 90.1 67.6 107.6

77 140.1 107.1 147.1

79 30.4 8.6 48.6

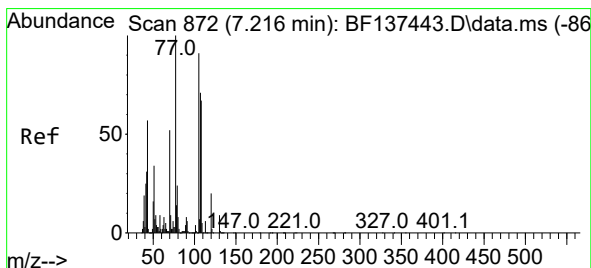
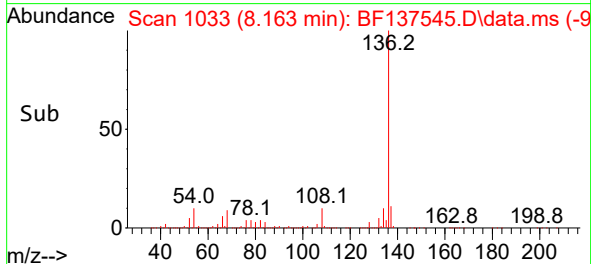
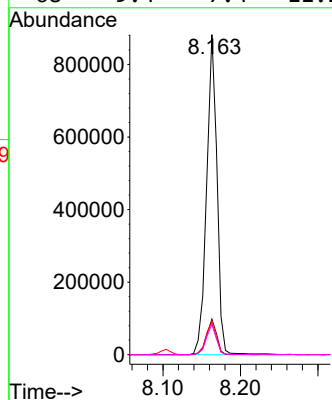
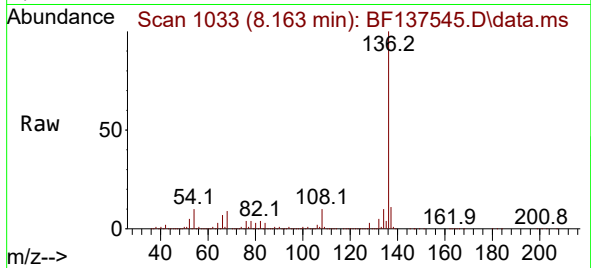




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

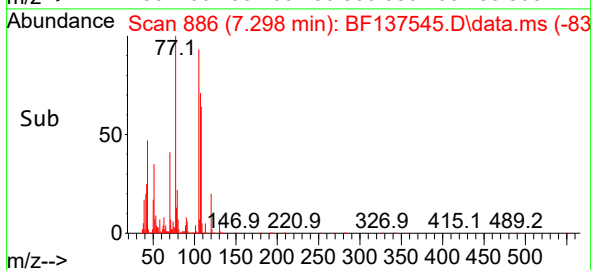
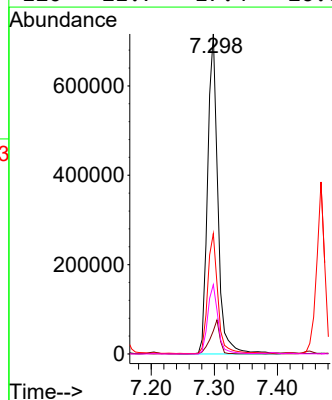
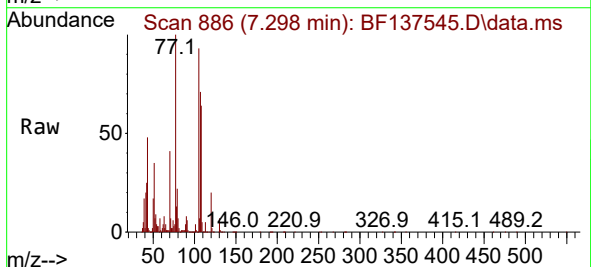
Instrument :
BNA_F
ClientSampleId :
TP-2BMDS

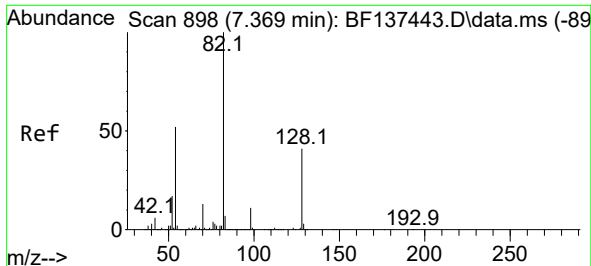
Tgt Ion:136 Resp: 820184
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.2 8.5 12.7
68 9.4 7.4 11.2



#22
Acetophenone
Concen: 40.898 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:105 Resp: 811608
Ion Ratio Lower Upper
105 100
71 7.2 7.7 11.5#
51 37.6 30.4 45.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 48.334 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

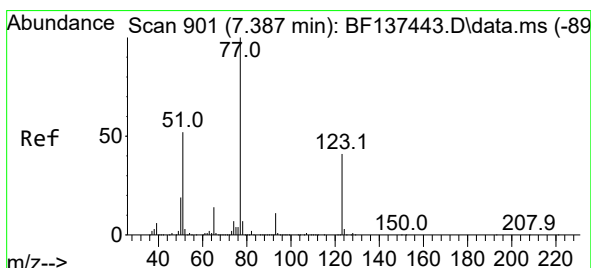
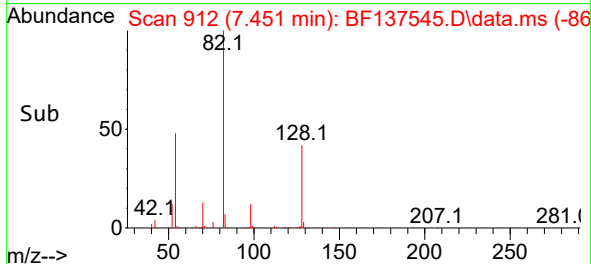
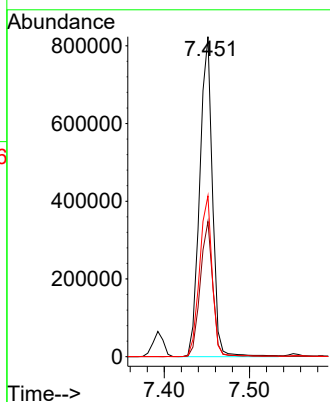
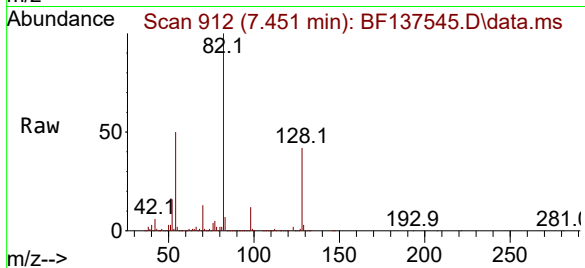
Tgt Ion: 82 Resp: 853187

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 50.3 41.5 62.3



#24

Nitrobenzene

Concen: 39.901 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

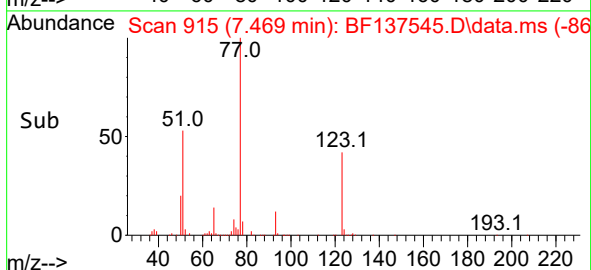
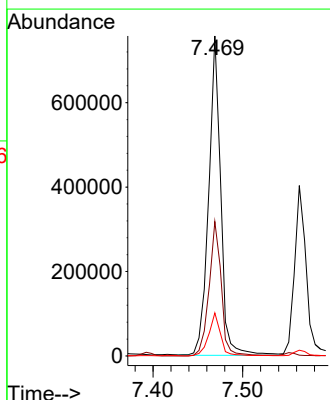
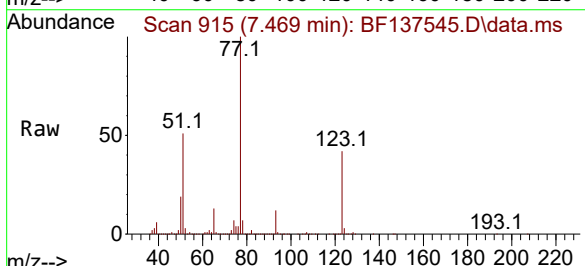
Tgt Ion: 77 Resp: 707537

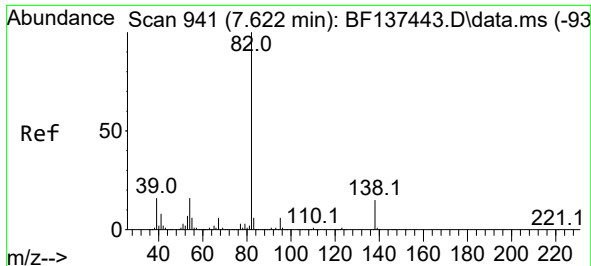
Ion Ratio Lower Upper

77 100

123 42.0 33.0 49.6

65 13.5 10.9 16.3

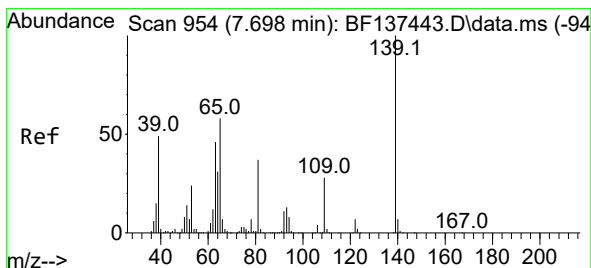
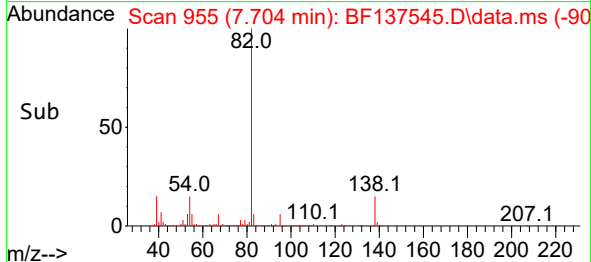
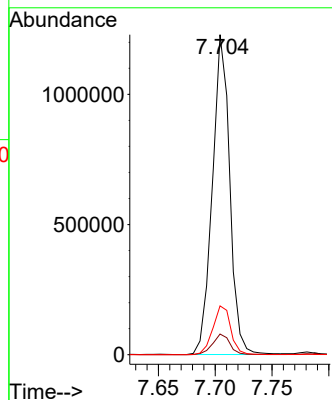
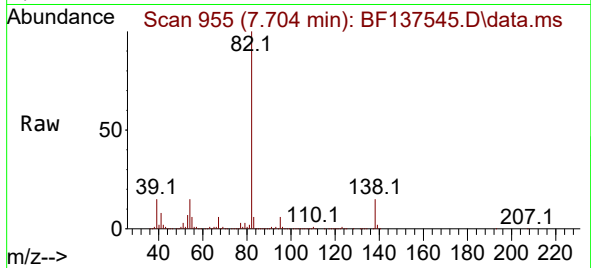




#25
Isophorone
Concen: 38.954 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

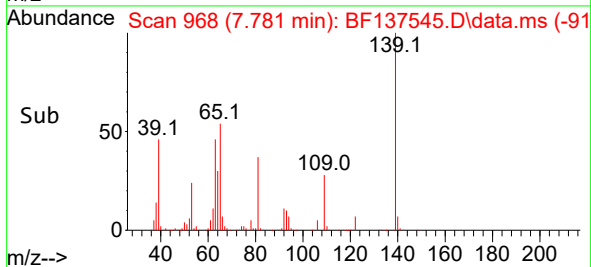
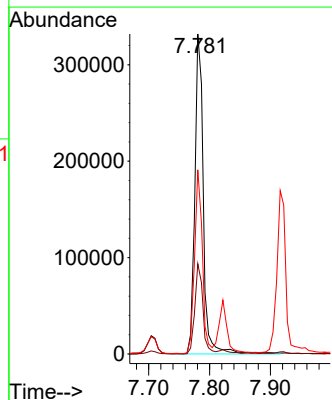
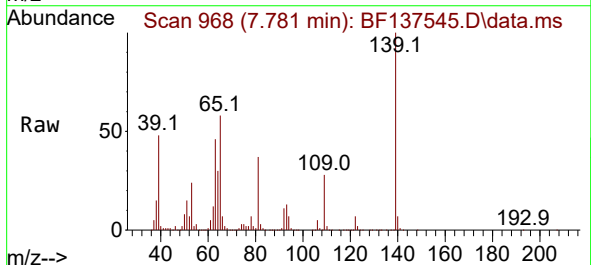
Instrument :
BNA_F
ClientSampleId :
TP-2BMDS

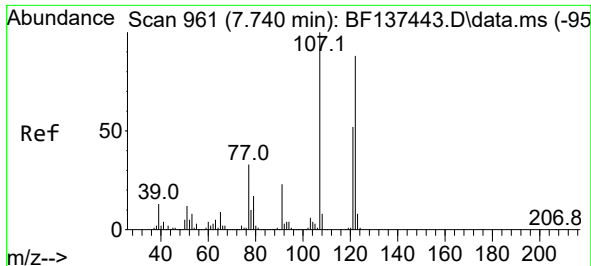
Tgt Ion: 82 Resp: 1306363
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.2 11.8 17.8



#26
2-Nitrophenol
Concen: 45.747 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion: 139 Resp: 322056
Ion Ratio Lower Upper
139 100
109 28.2 22.2 33.4
65 57.5 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 32.975 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

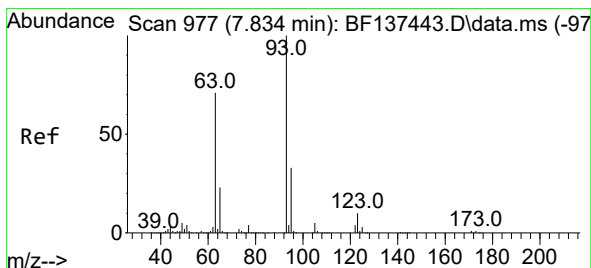
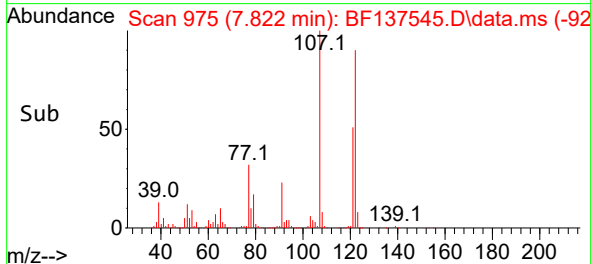
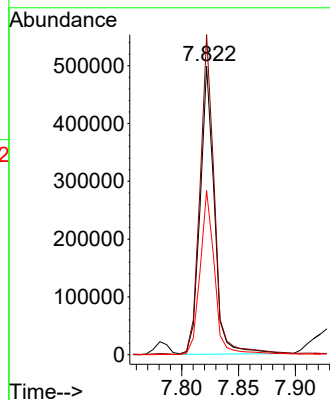
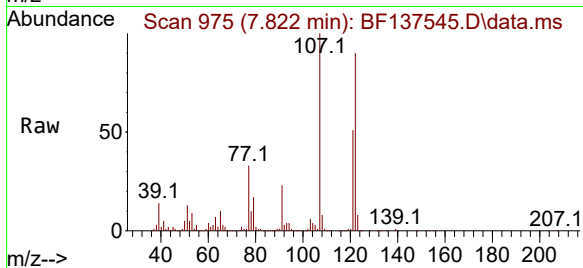
Tgt Ion:122 Resp: 433765

Ion Ratio Lower Upper

122 100

107 110.8 90.9 136.3

121 56.9 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.880 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

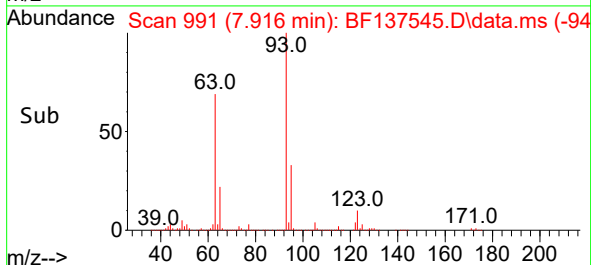
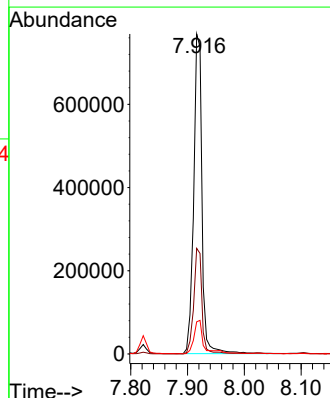
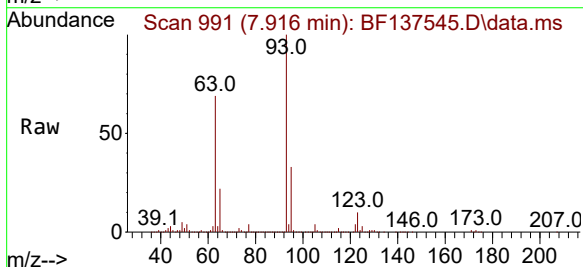
Tgt Ion: 93 Resp: 784692

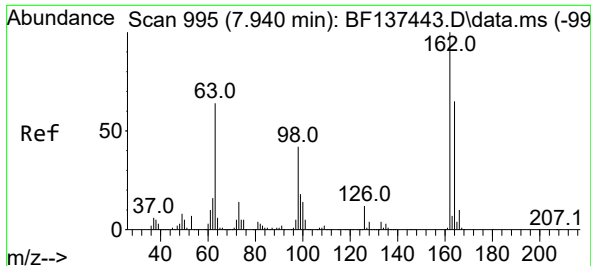
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 10.0 8.0 12.0

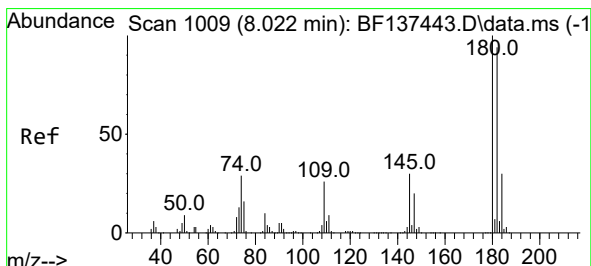
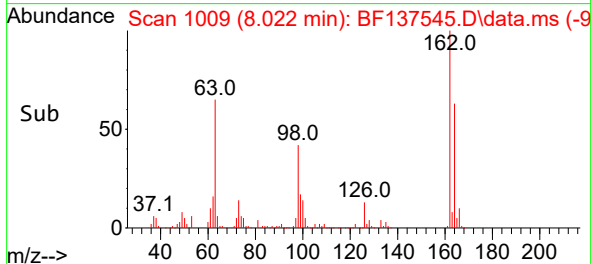
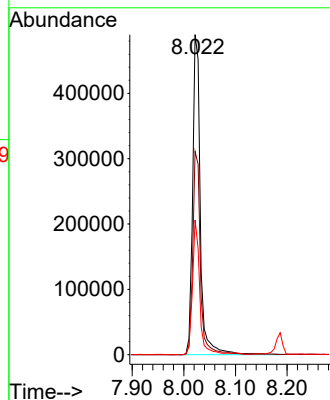
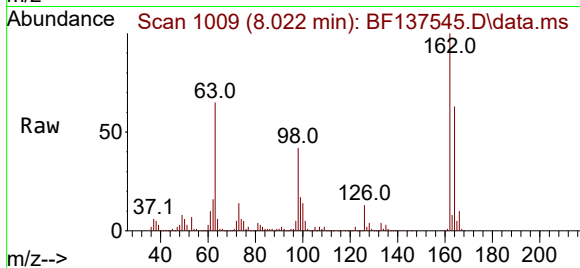




#29
2,4-Dichlorophenol
Concen: 41.995 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

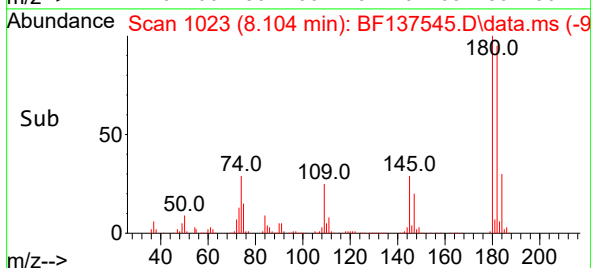
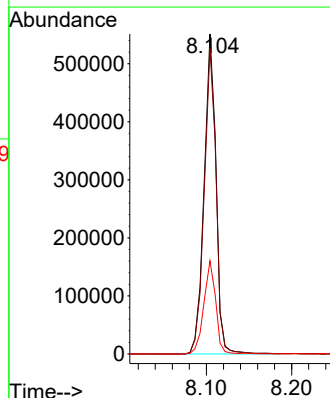
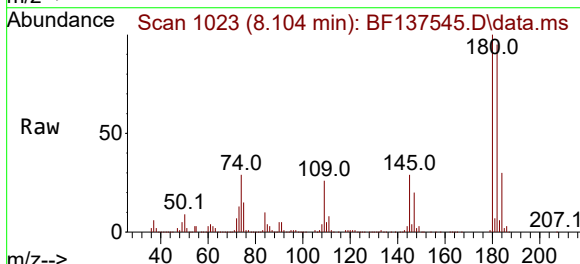
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

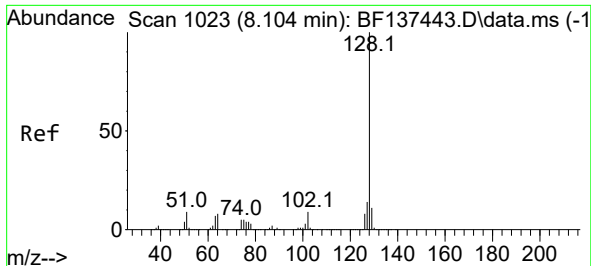
Tgt Ion:162 Resp: 507004
Ion Ratio Lower Upper
162 100
164 63.5 44.7 84.7
98 42.1 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 42.131 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:180 Resp: 535261
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 29.1 23.7 35.5





#31

Naphthalene

Concen: 45.918 ng

RT: 8.187 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

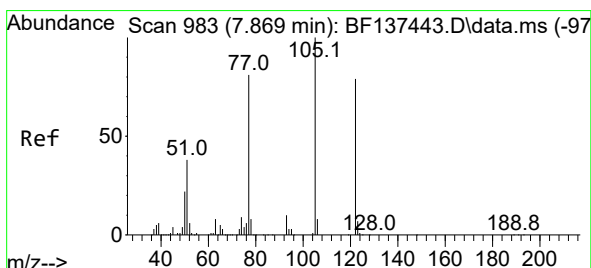
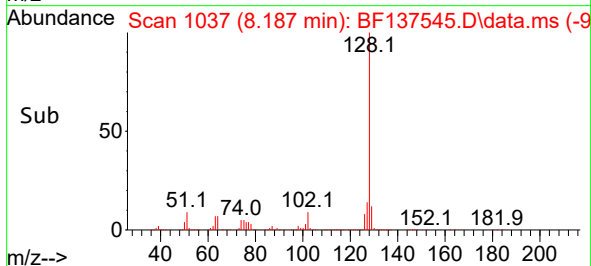
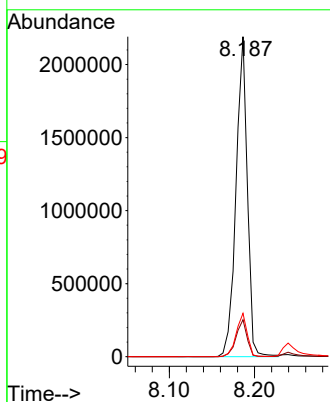
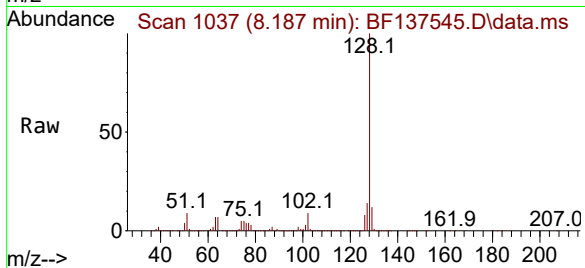
Tgt Ion:128 Resp: 2020648

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 35.212 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

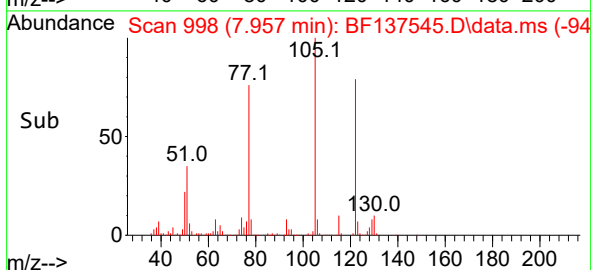
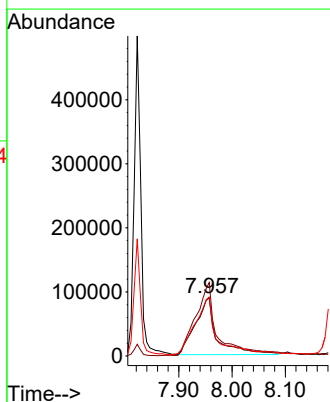
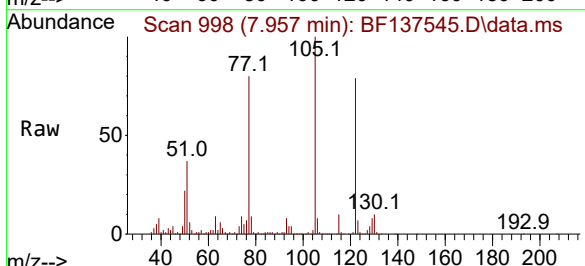
Tgt Ion:122 Resp: 252112

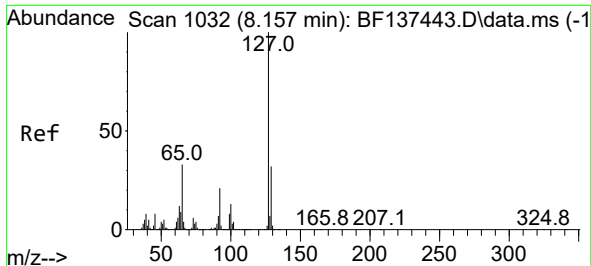
Ion Ratio Lower Upper

122 100

105 127.0 102.4 142.4

77 101.9 81.1 121.1

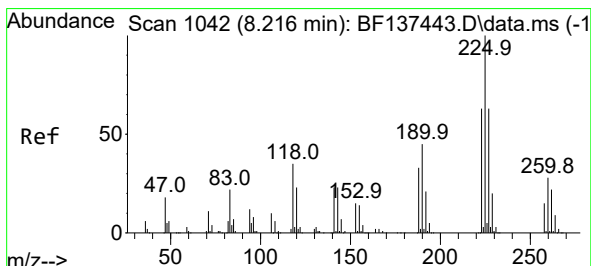
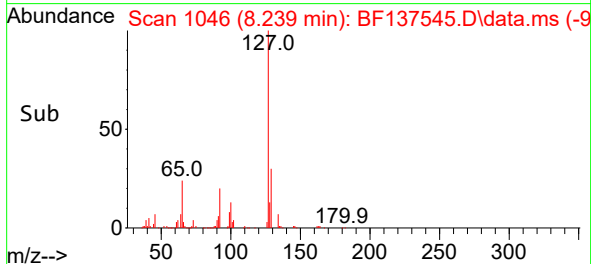
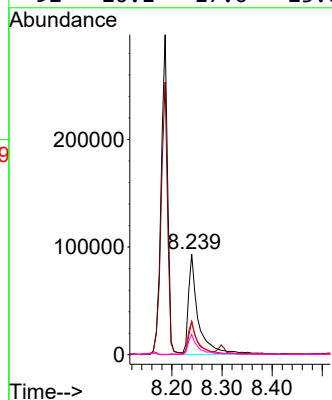
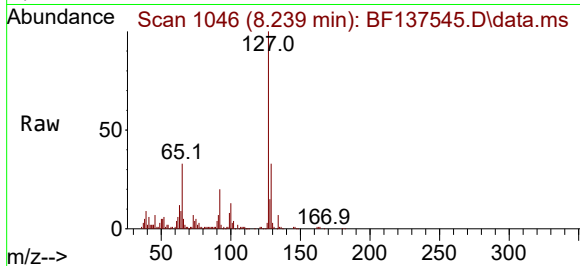




#33
4-Chloroaniline
Concen: 7.480 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

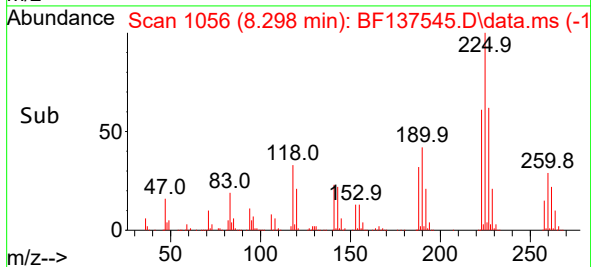
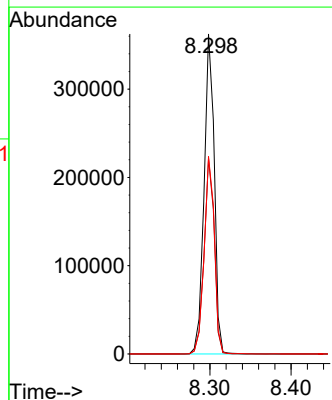
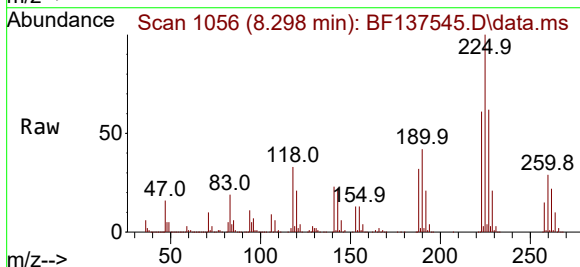
Instrument :
BNA_F
ClientSampleId :
TP-2BMDS

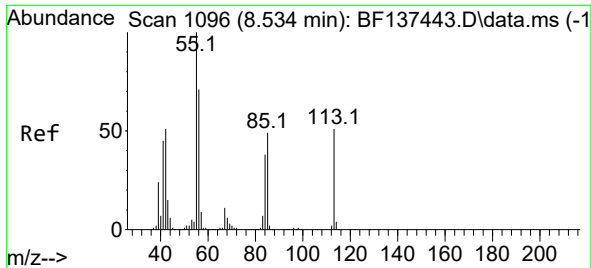
Tgt Ion:	127	Resp:	129066
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	33.2	26.8	40.2
92	20.1	17.0	25.6



#34
Hexachlorobutadiene
Concen: 42.027 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:	225	Resp:	315226
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	61.7	50.6	75.8

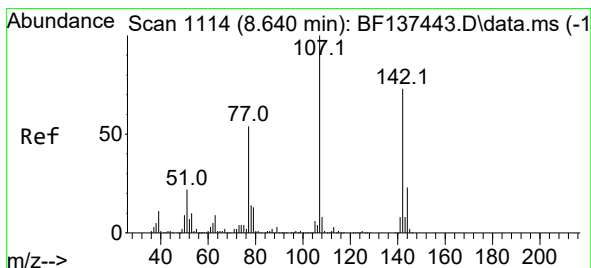
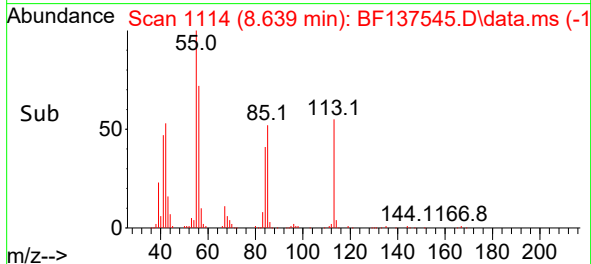
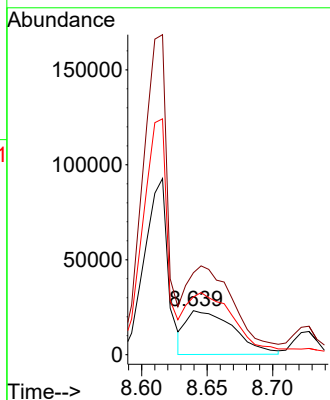
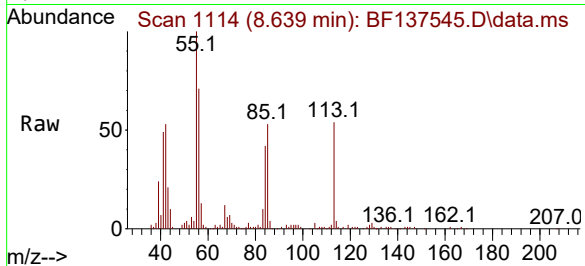




#35
 Caprolactam
 Concen: 14.262 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.018 min
 Lab File: BF137545.D
 Acq: 08 Mar 2024 16:11

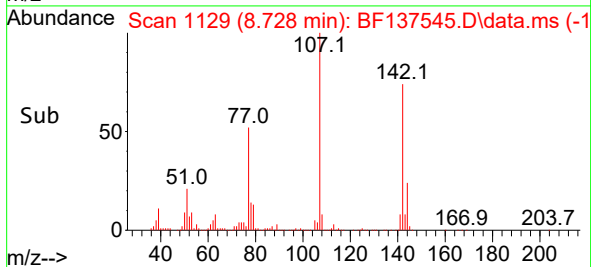
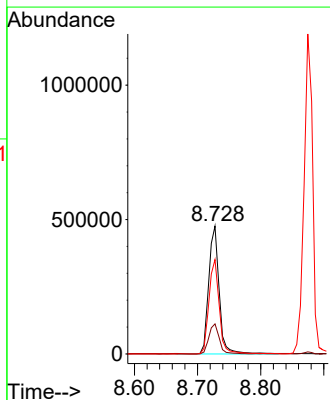
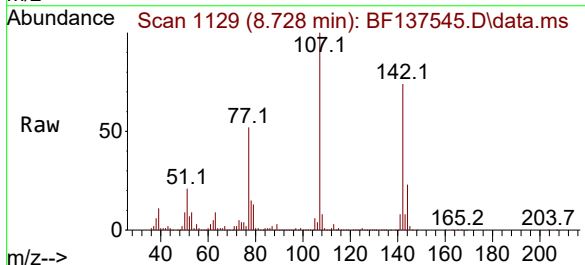
Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMSD

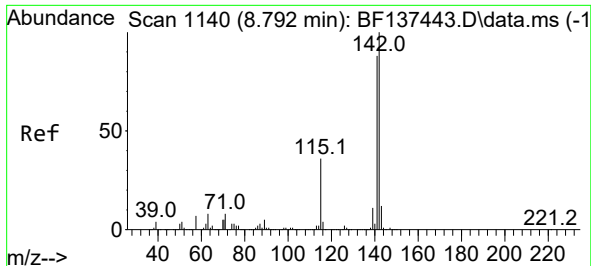
Tgt Ion:113 Resp: 58383
 Ion Ratio Lower Upper
 113 100
 55 186.2 176.7 216.7
 56 131.5 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.486 ng
 RT: 8.728 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: BF137545.D
 Acq: 08 Mar 2024 16:11

Tgt Ion:107 Resp: 546355
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.7 28.1
 142 73.8 58.2 87.2

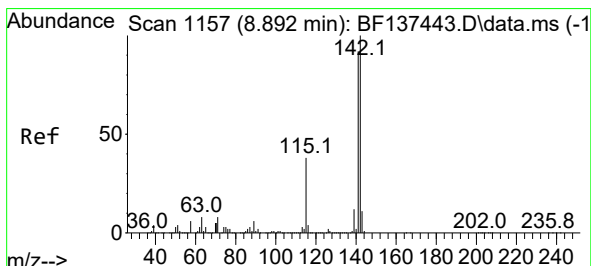
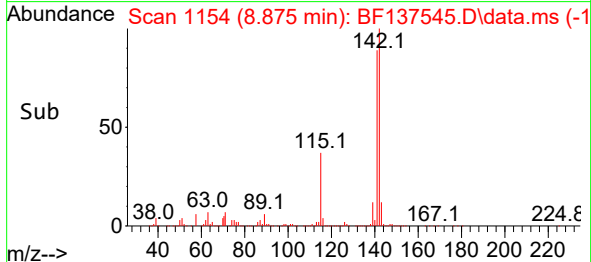
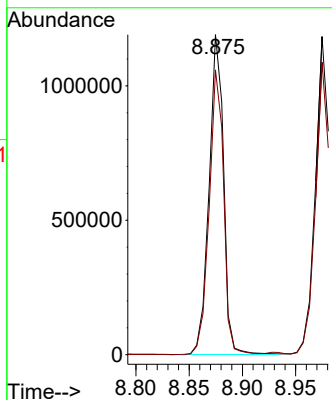
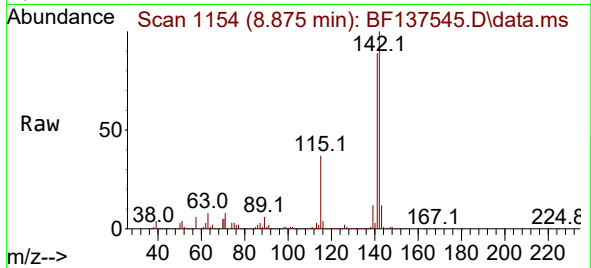




#37
2-Methylnaphthalene
Concen: 40.064 ng
RT: 8.875 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

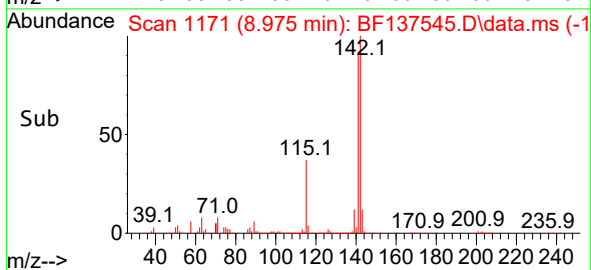
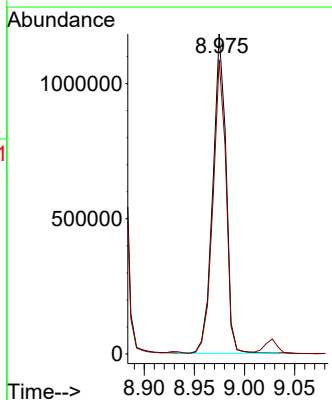
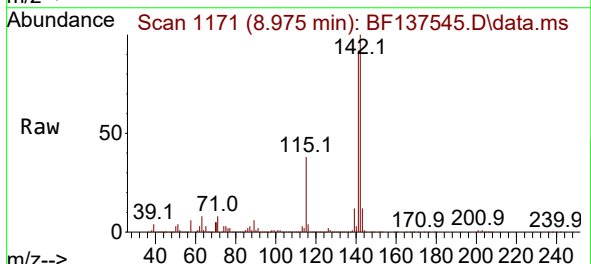
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

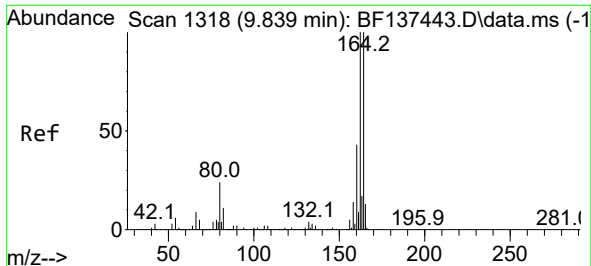
Tgt Ion:142 Resp: 1123937
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#38
1-Methylnaphthalene
Concen: 40.689 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:142 Resp: 1074961
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

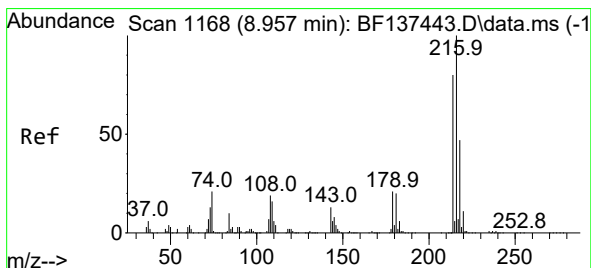
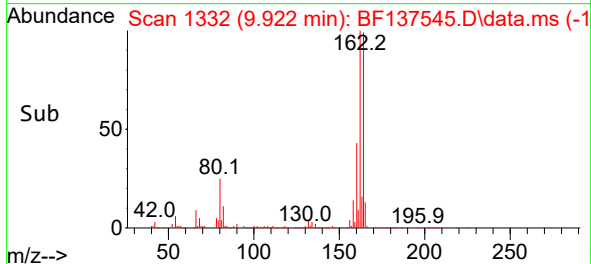
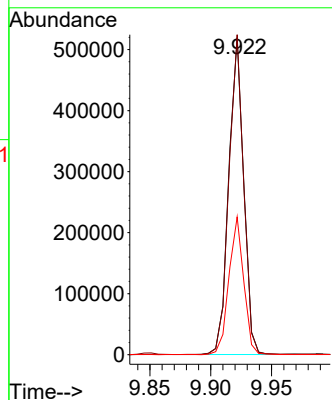
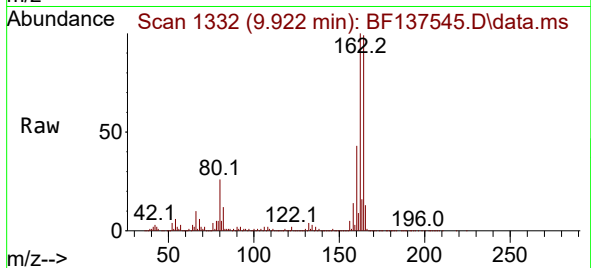
Tgt Ion:164 Resp: 443124

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 43.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.311 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Tgt Ion:216 Resp: 511061

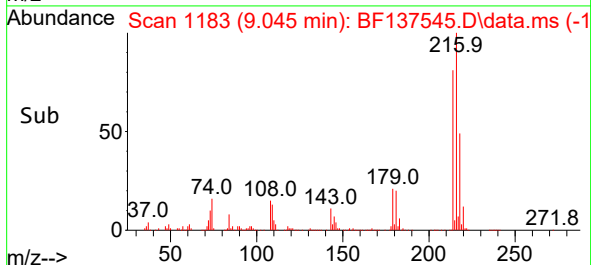
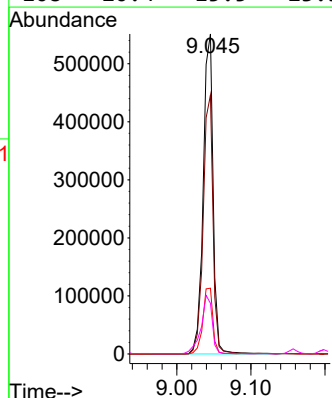
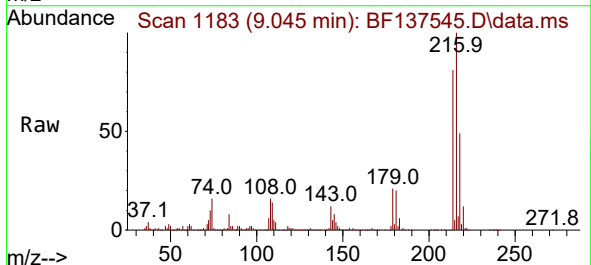
Ion Ratio Lower Upper

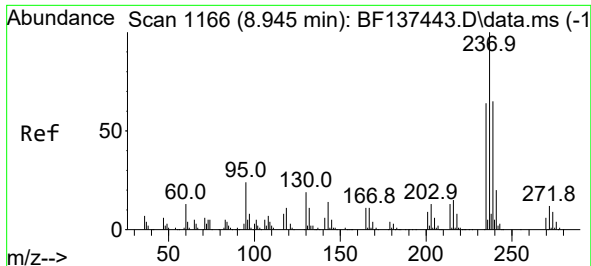
216 100

214 80.5 63.5 95.3

179 21.0 16.6 25.0

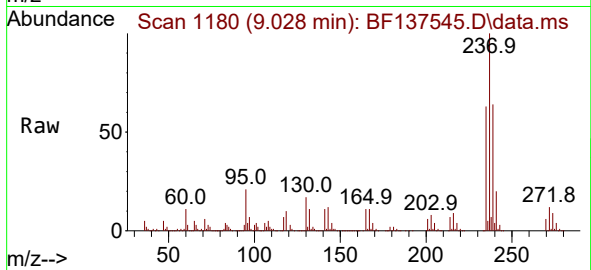
108 20.4 15.5 23.3



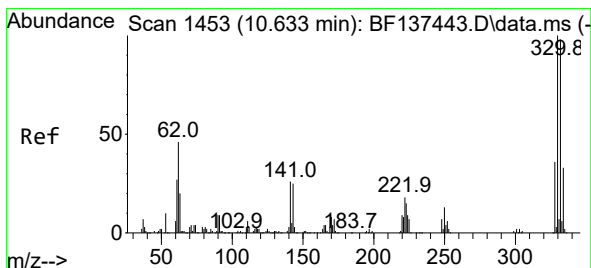
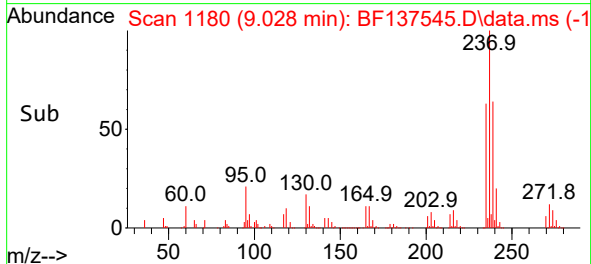
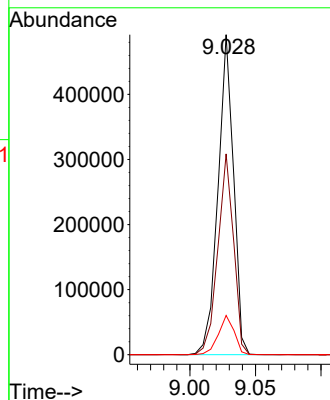


#41
Hexachlorocyclopentadiene
Concen: 80.069 ng
RT: 9.028 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

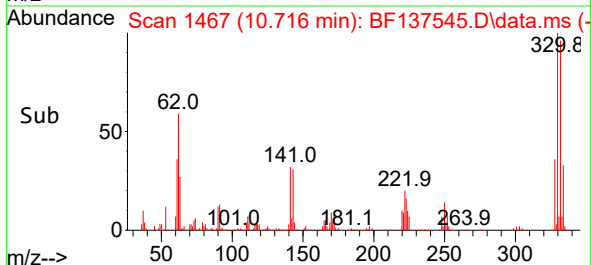
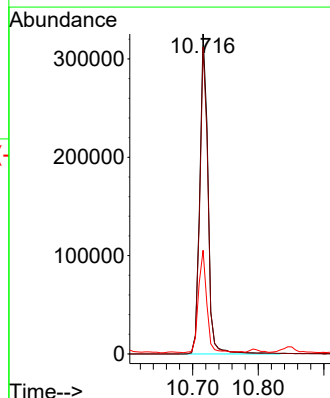
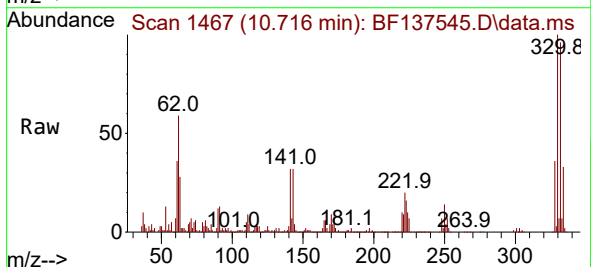


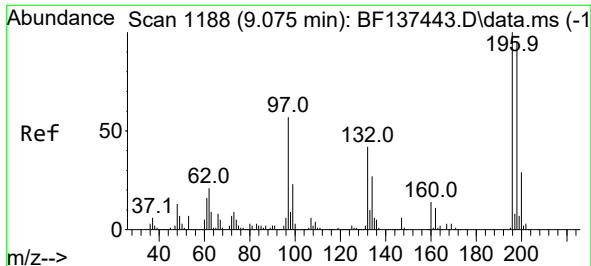
Tgt Ion:237 Resp: 404272
Ion Ratio Lower Upper
237 100
235 62.8 43.6 83.6
272 12.2 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 72.911 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:330 Resp: 283727
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 32.4 27.3 40.9

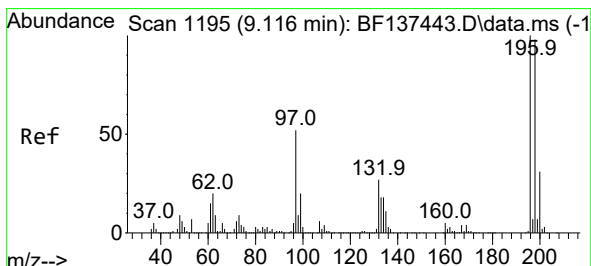
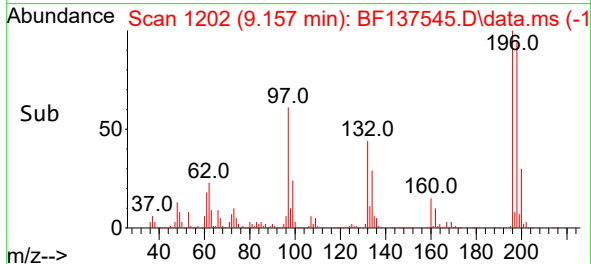
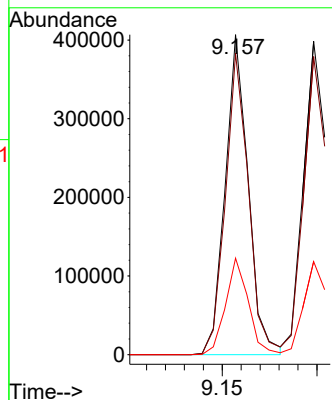
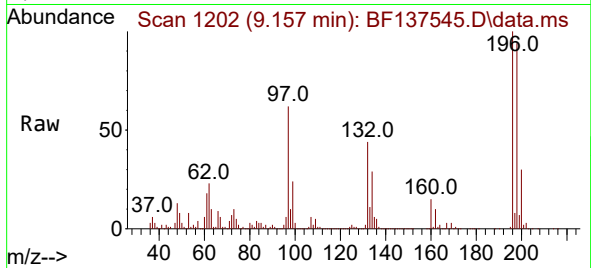




#43
2,4,6-Trichlorophenol
Concen: 42.567 ng
RT: 9.157 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

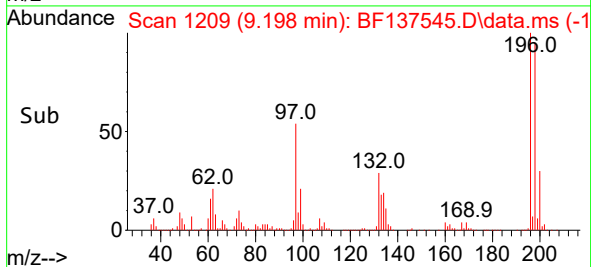
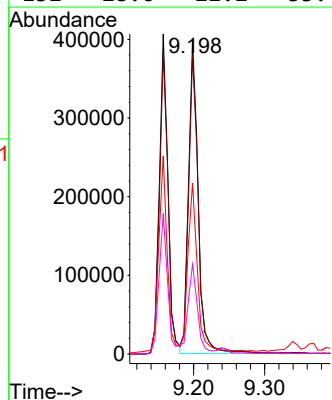
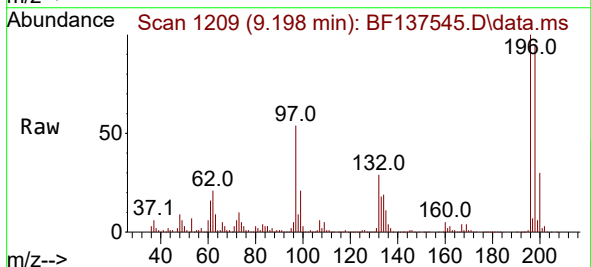
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

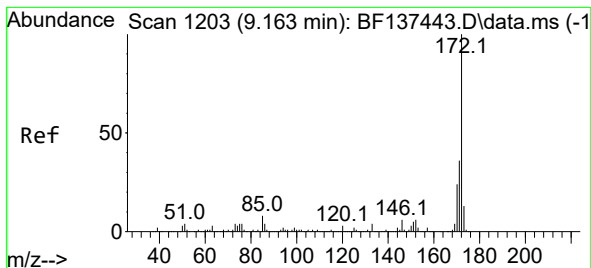
Tgt Ion:196 Resp: 342917
Ion Ratio Lower Upper
196 100
198 94.2 75.8 113.8
200 30.2 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 40.385 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:196 Resp: 374778
Ion Ratio Lower Upper
196 100
198 95.1 78.6 117.8
97 54.5 41.8 62.8
132 28.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 45.900 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

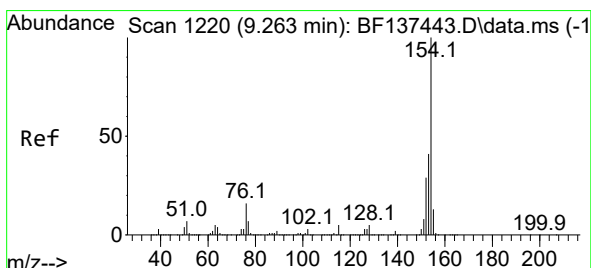
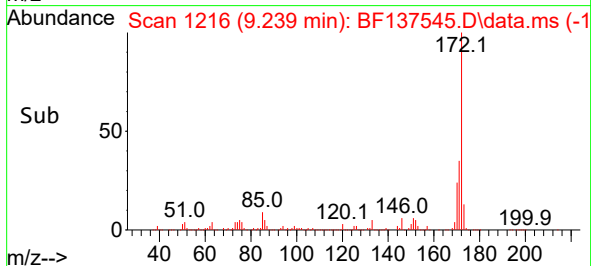
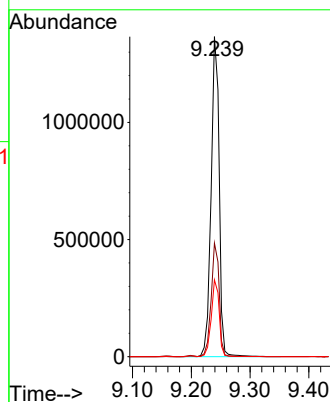
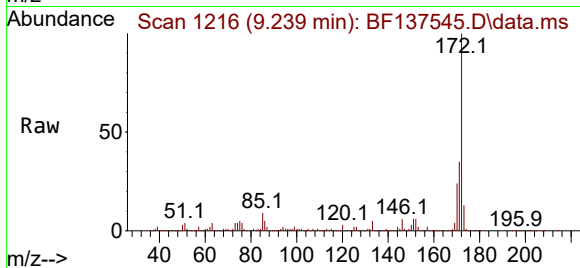
Tgt Ion:172 Resp: 1299330

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.362 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

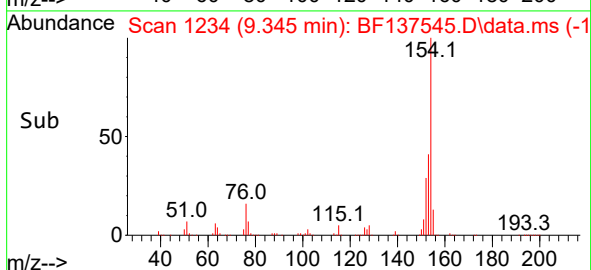
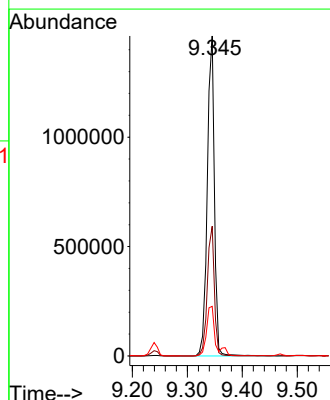
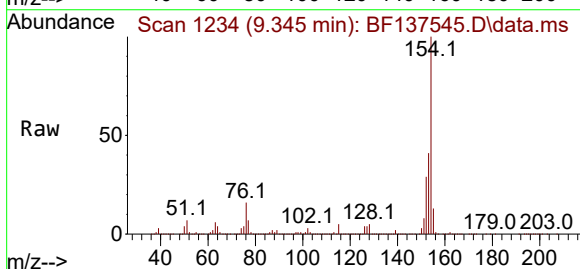
Tgt Ion:154 Resp: 1309056

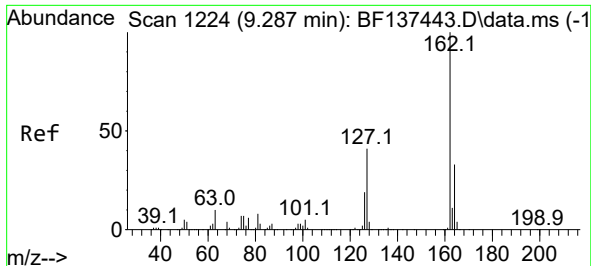
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 15.5 0.0 35.8





#47

2-Chloronaphthalene

Concen: 41.493 ng

RT: 9.369 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

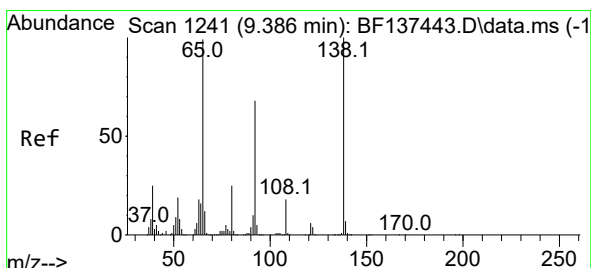
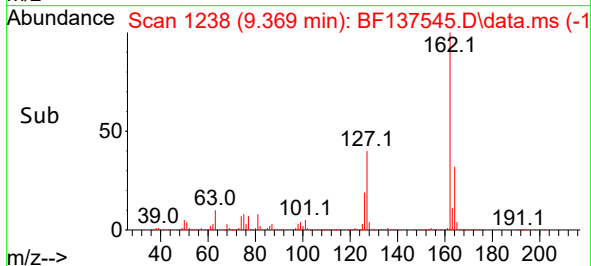
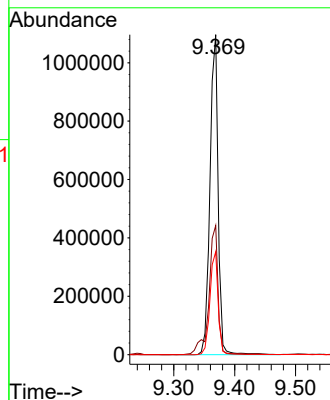
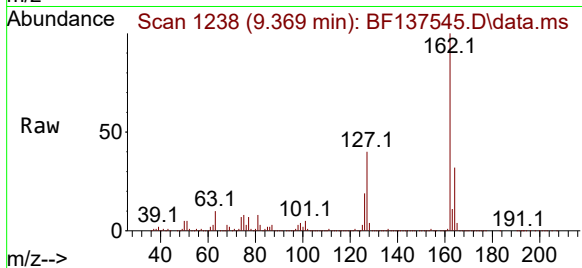
Tgt Ion:162 Resp: 1026005

Ion Ratio Lower Upper

162 100

127 40.3 32.6 49.0

164 32.2 26.5 39.7



#48

2-Nitroaniline

Concen: 41.992 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

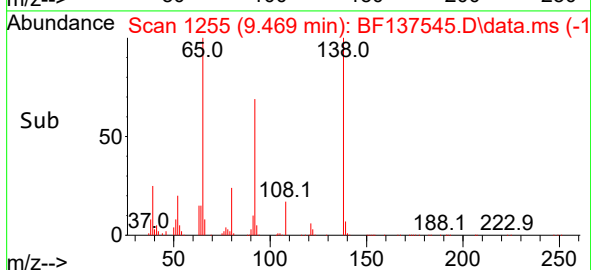
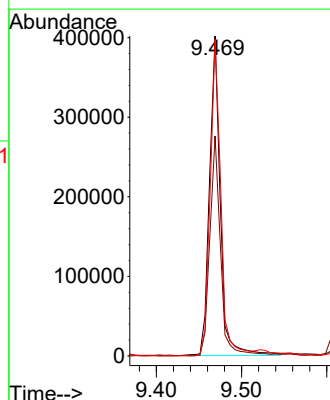
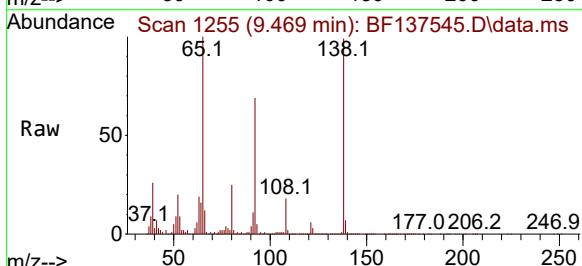
Tgt Ion: 65 Resp: 352928

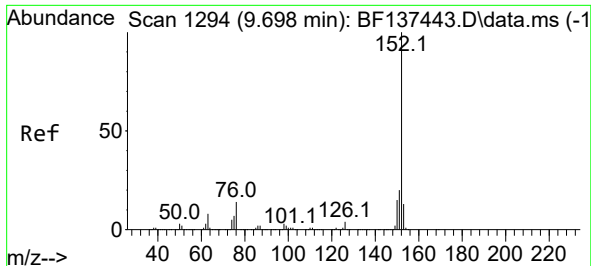
Ion Ratio Lower Upper

65 100

92 68.8 55.4 83.2

138 98.9 81.0 121.6





#49

Acenaphthylene

Concen: 41.801 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

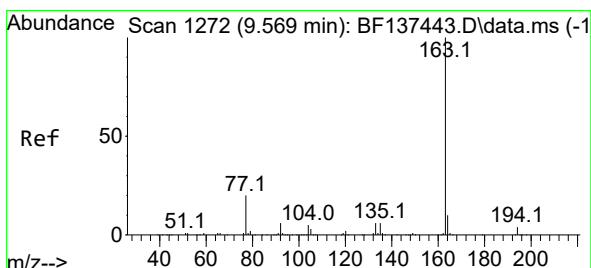
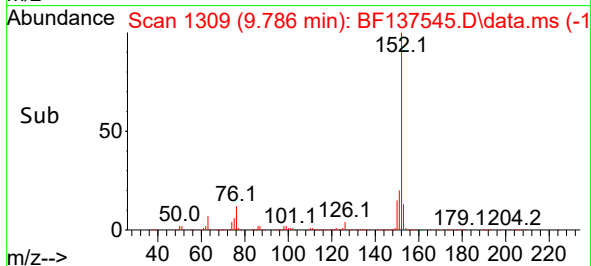
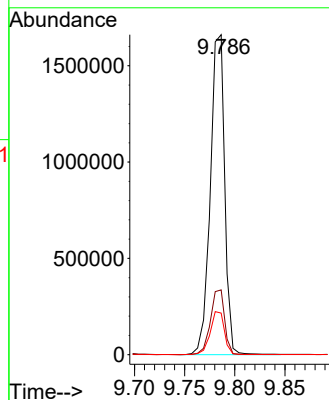
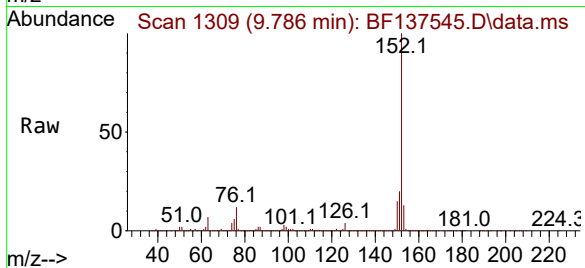
Tgt Ion:152 Resp: 1654137

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.0 10.8 16.2



#50

Dimethylphthalate

Concen: 39.189 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

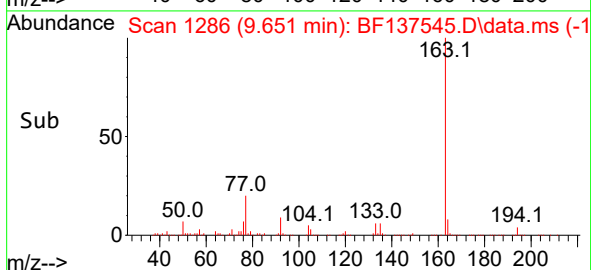
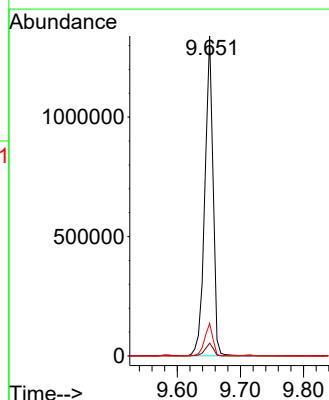
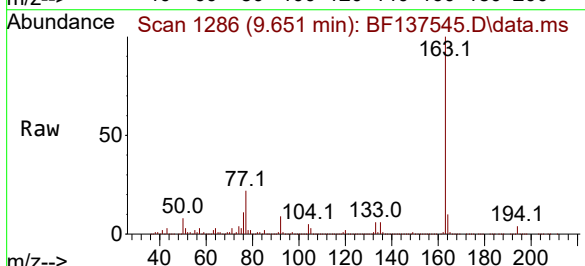
Tgt Ion:163 Resp: 1208850

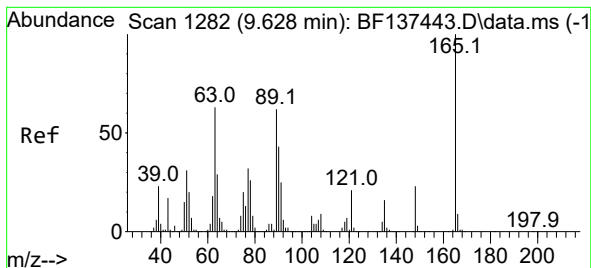
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 42.315 ng

RT: 9.716 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

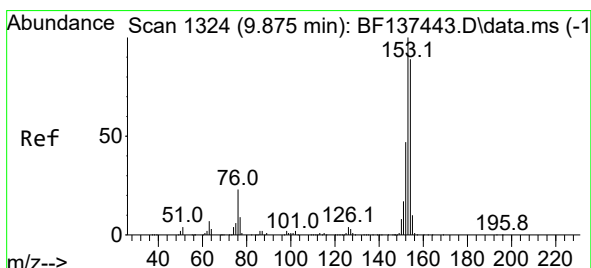
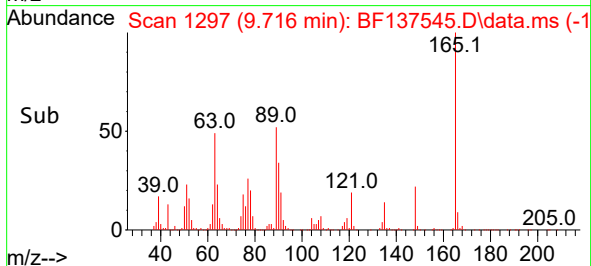
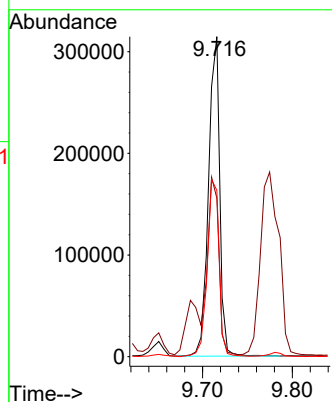
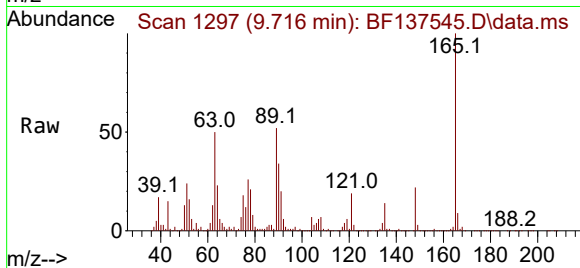
Tgt Ion:165 Resp: 273009

Ion Ratio Lower Upper

165 100

63 49.6 50.7 76.1#

89 52.0 50.0 75.0



#52

Acenaphthene

Concen: 38.849 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

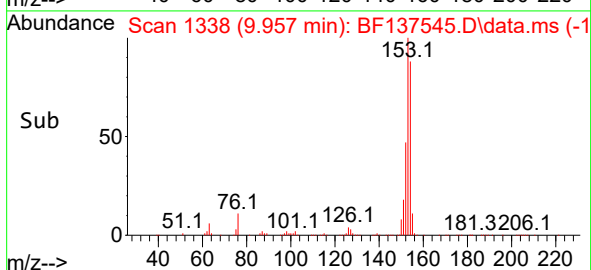
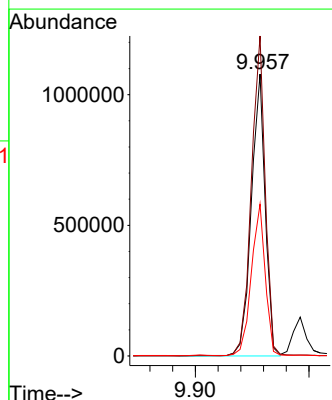
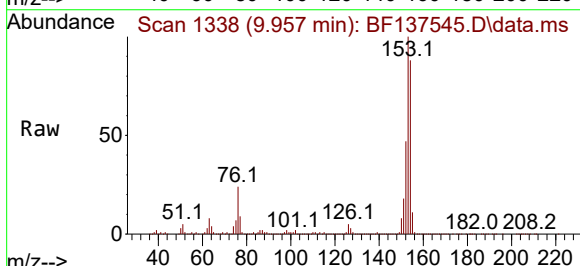
Tgt Ion:154 Resp: 917813

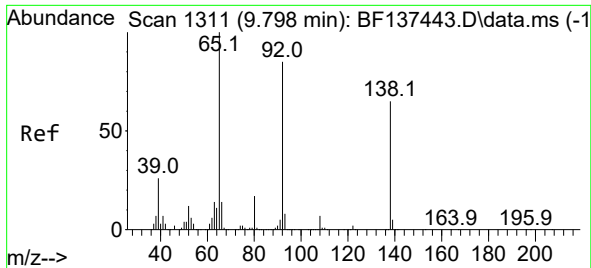
Ion Ratio Lower Upper

154 100

153 113.5 90.3 135.5

152 53.9 42.7 64.1

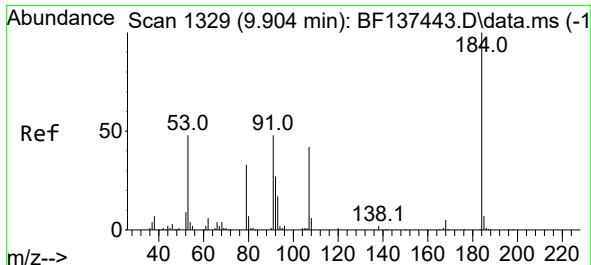
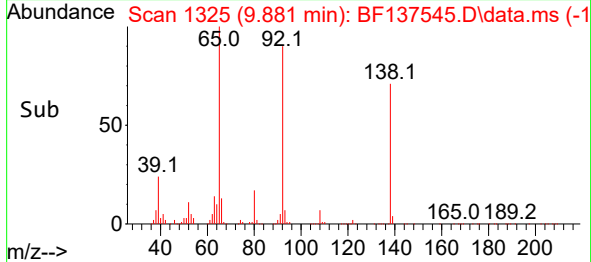
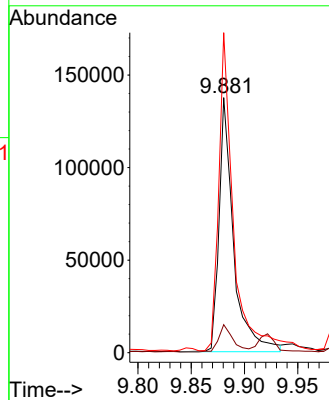
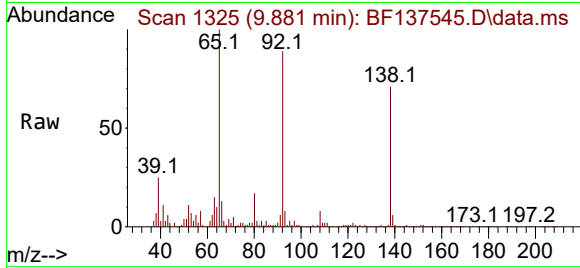




#53
3-Nitroaniline
Concen: 19.053 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

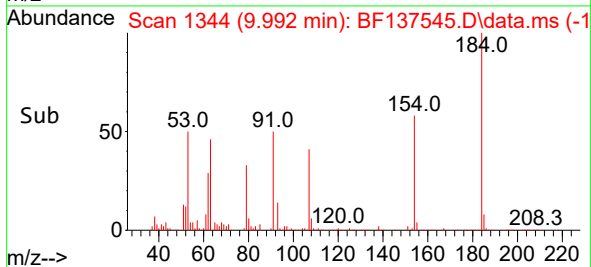
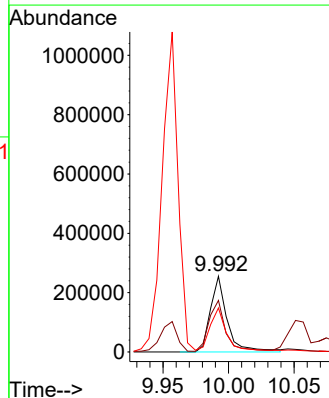
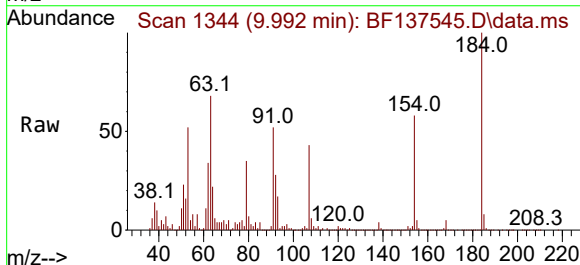
Instrument :
BNA_F
ClientSampleId :
TP-2BMDS

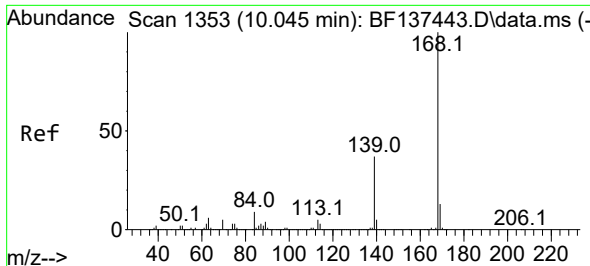
Tgt Ion:138 Resp: 130028
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 125.5 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 73.080 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:184 Resp: 227479
Ion Ratio Lower Upper
184 100
63 68.2 53.3 79.9
154 58.3 47.4 71.0

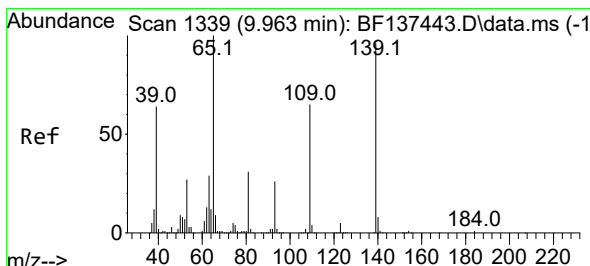
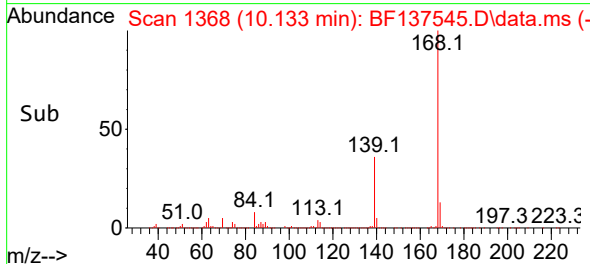
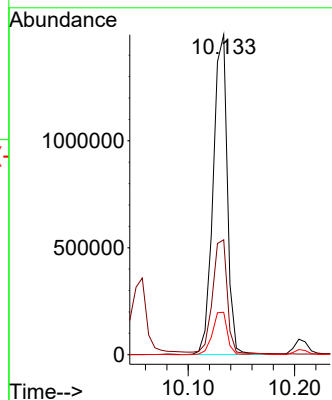
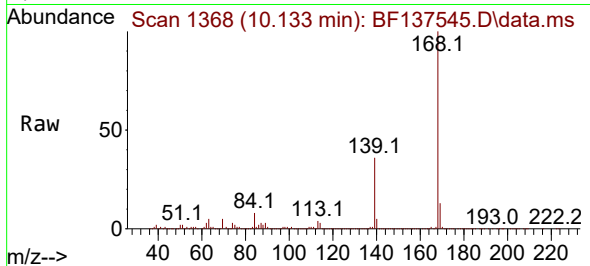




#55
Dibenzenofuran
Concen: 38.605 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

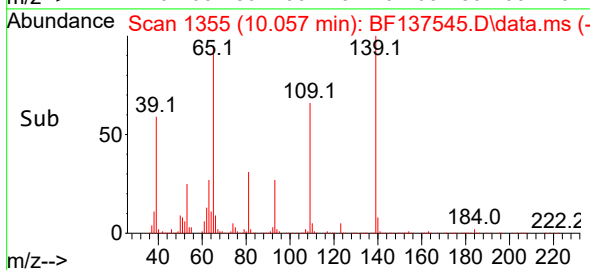
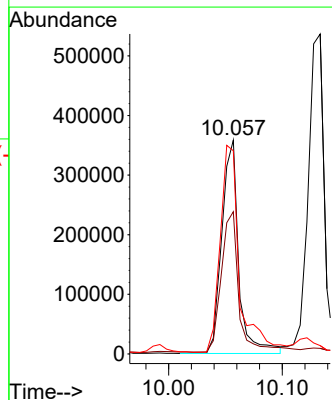
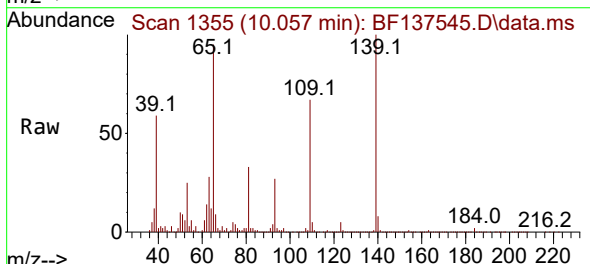
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

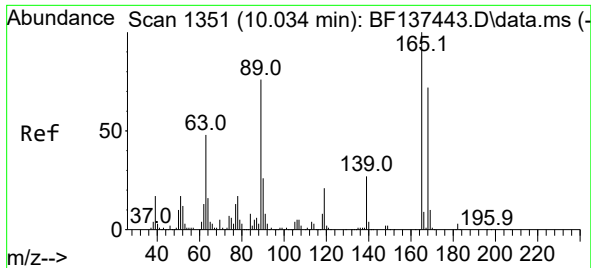
Tgt Ion:168 Resp: 1389090
Ion Ratio Lower Upper
168 100
139 35.9 29.8 44.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 76.800 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:139 Resp: 371950
Ion Ratio Lower Upper
139 100
109 66.6 47.1 87.1
65 95.1 85.1 125.1

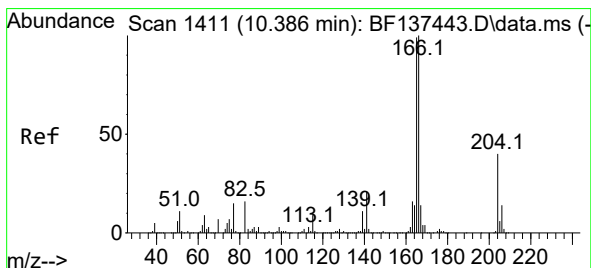
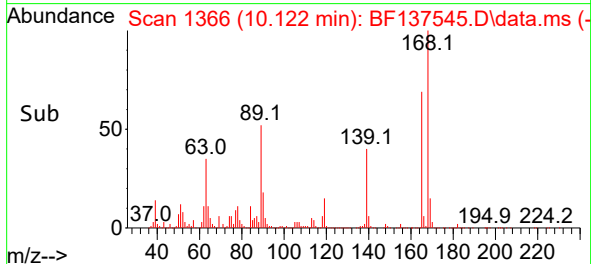
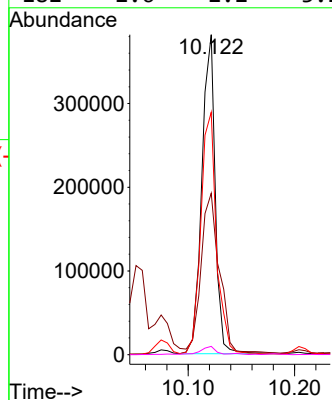
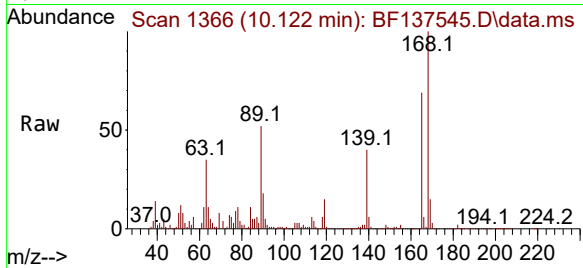




#57
2,4-Dinitrotoluene
Concen: 42.109 ng
RT: 10.122 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

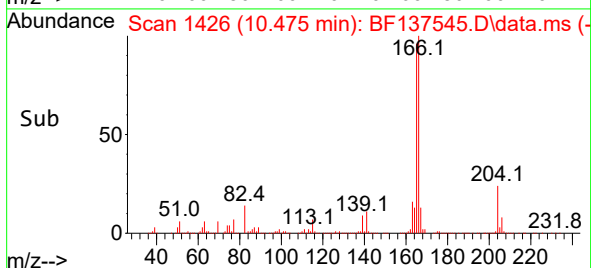
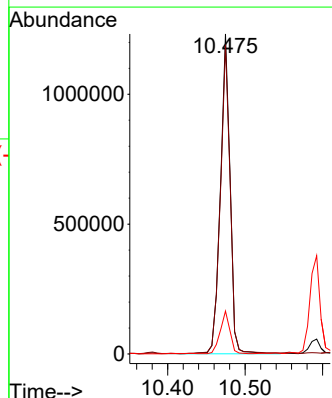
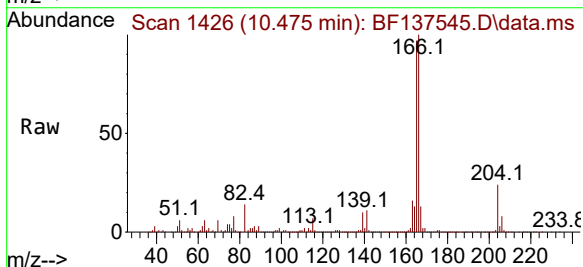
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

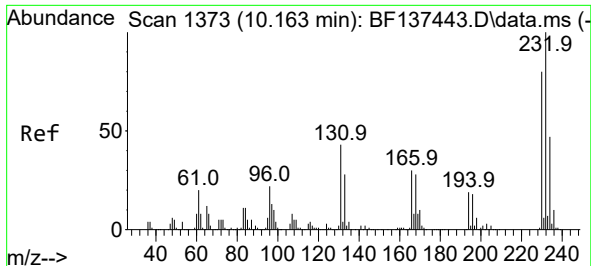
Tgt Ion:165 Resp: 333778
Ion Ratio Lower Upper
165 100
63 50.4 39.0 58.6
89 75.8 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.731 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:166 Resp: 1070305
Ion Ratio Lower Upper
166 100
165 96.6 79.2 118.8
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.993 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

Tgt Ion:232 Resp: 297622

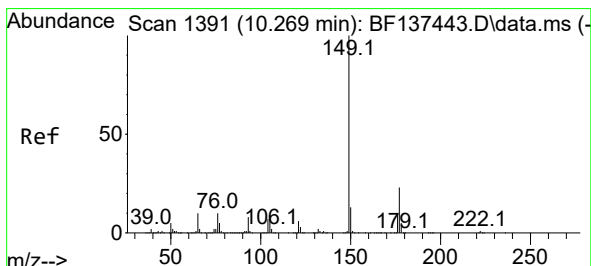
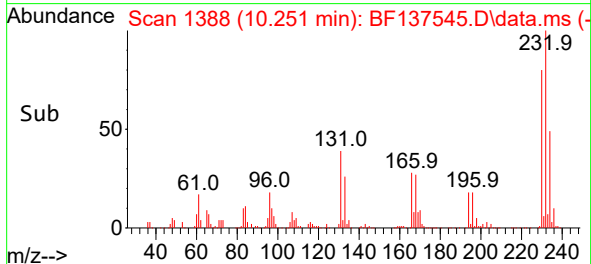
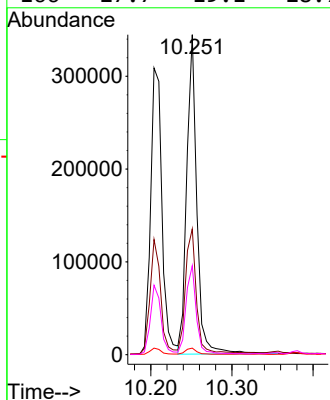
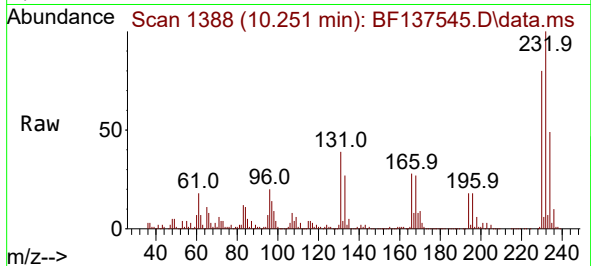
Ion Ratio Lower Upper

232 100

131 41.3 31.2 46.8

130 2.1 1.8 2.6

166 27.7 19.1 28.7



#60
Diethylphthalate
Concen: 38.619 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

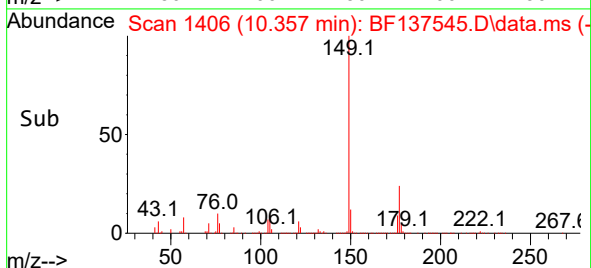
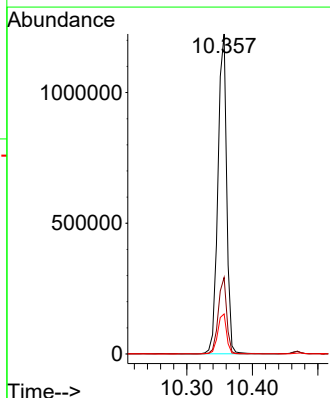
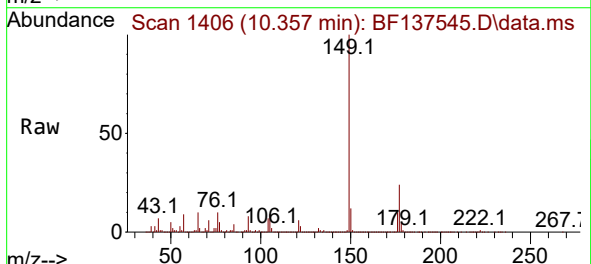
Tgt Ion:149 Resp: 1124947

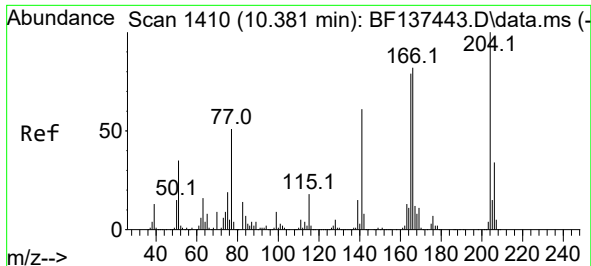
Ion Ratio Lower Upper

149 100

177 23.9 18.7 28.1

150 12.5 10.2 15.4

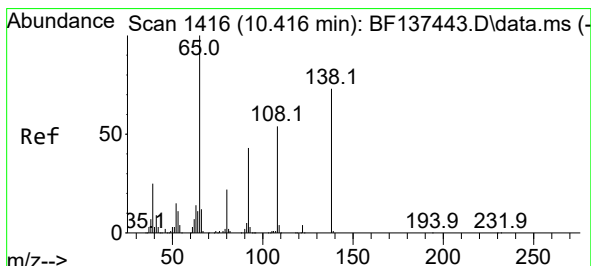
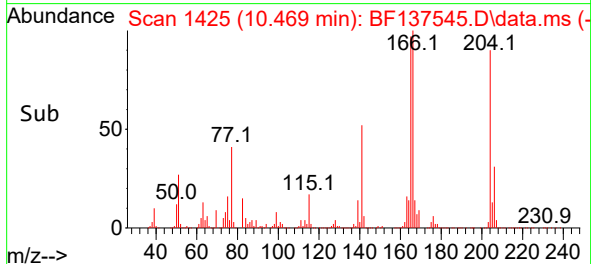
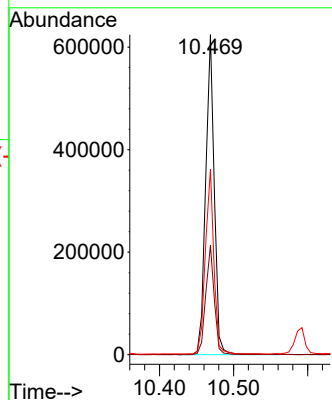
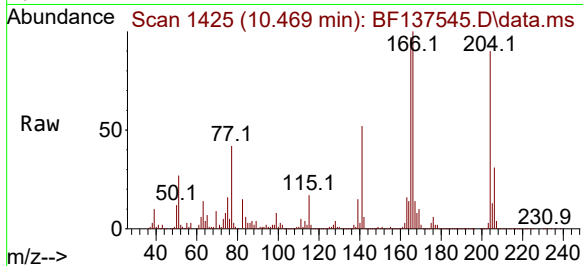




#61
4-Chlorophenyl-phenylether
Concen: 37.203 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

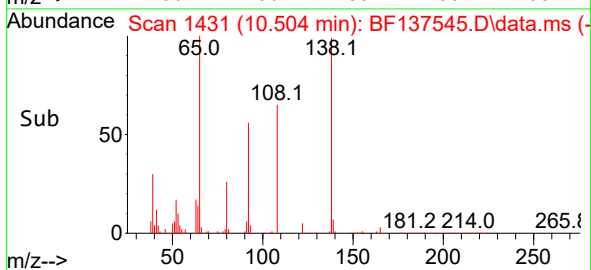
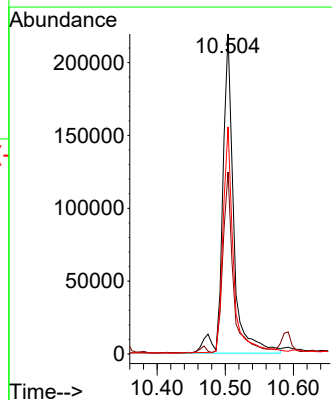
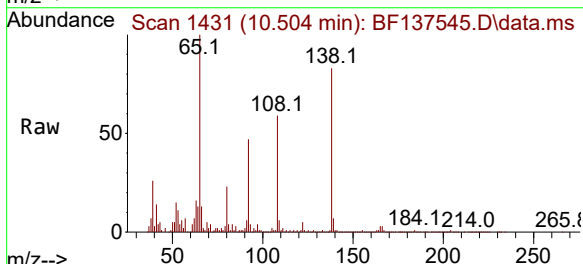
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

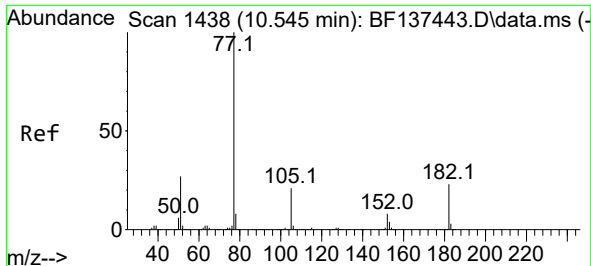
Tgt Ion:204 Resp: 503849
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.0
141 58.0 48.4 72.6



#62
4-Nitroaniline
Concen: 42.352 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:138 Resp: 248412
Ion Ratio Lower Upper
138 100
92 56.8 37.9 77.9
108 70.9 53.2 93.2

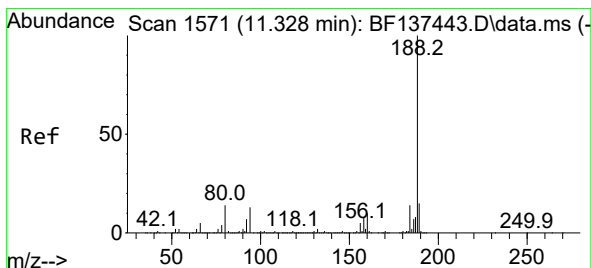
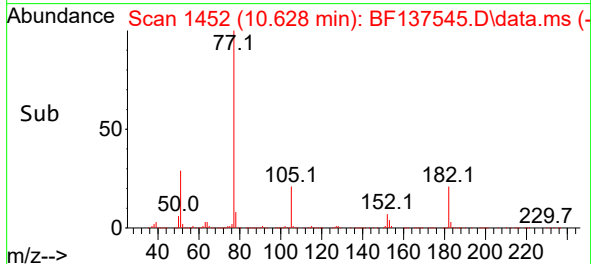
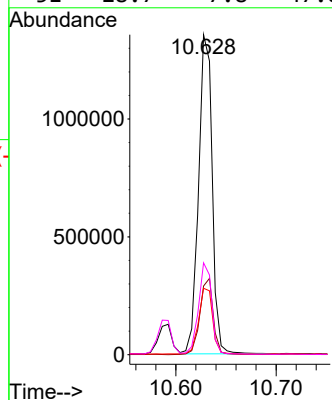
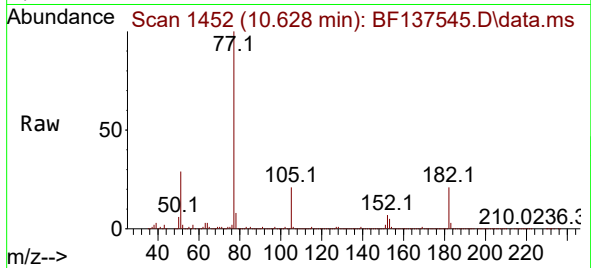




#63
Azobenzene
Concen: 38.210 ng
RT: 10.628 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

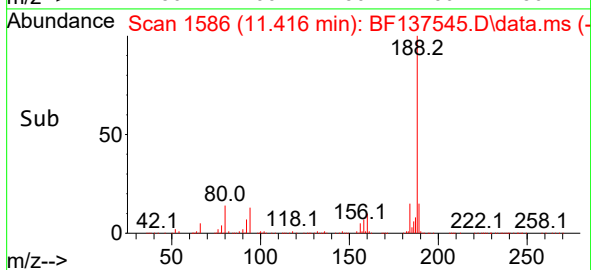
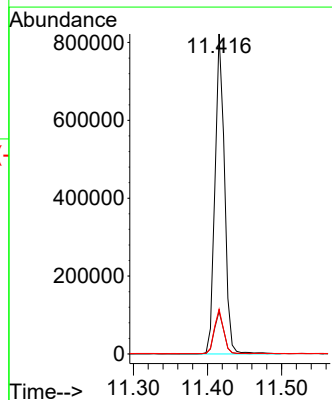
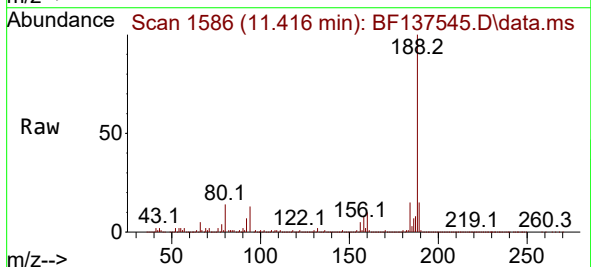
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

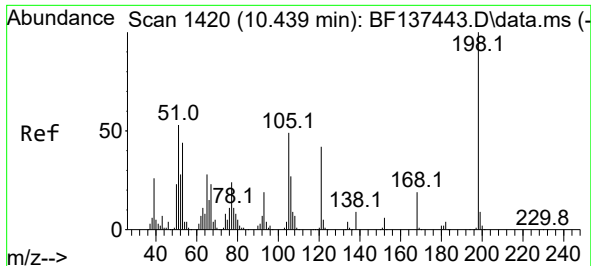
Tgt Ion: 77 Resp: 1281647
Ion Ratio Lower Upper
77 100
182 21.4 3.2 43.2
105 20.7 1.2 41.2
51 28.7 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion: 188 Resp: 731030
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.0 11.5 17.3

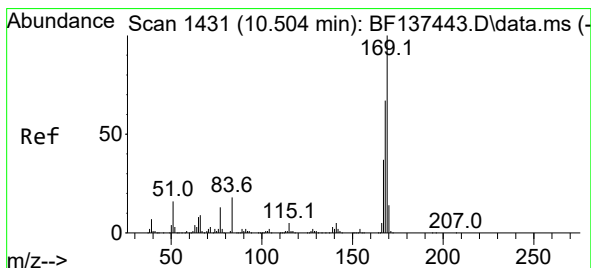
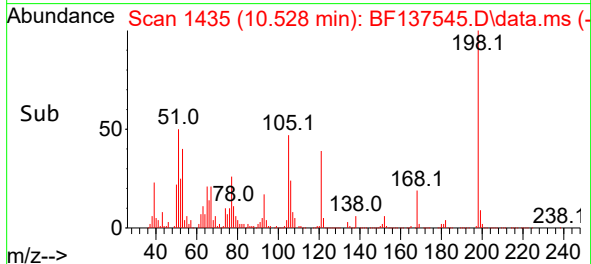
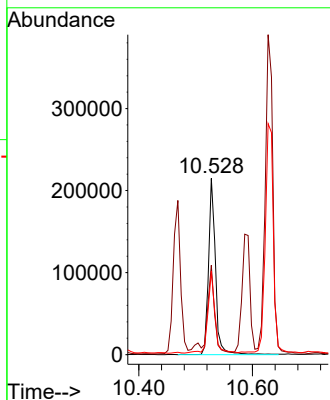
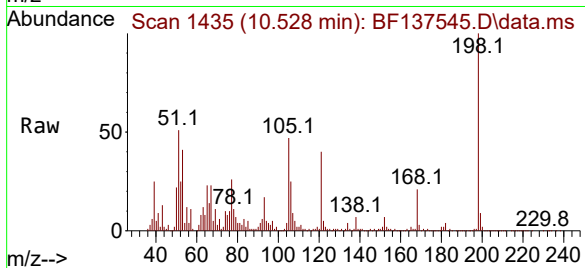




#65
4,6-Dinitro-2-methylphenol
Concen: 44.880 ng
RT: 10.528 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

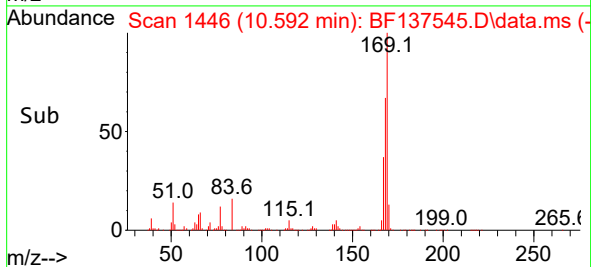
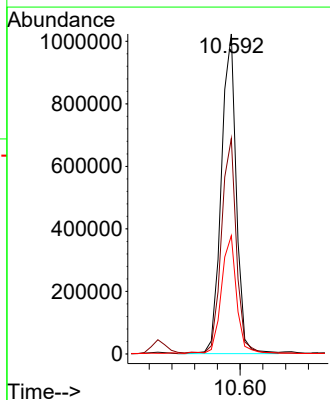
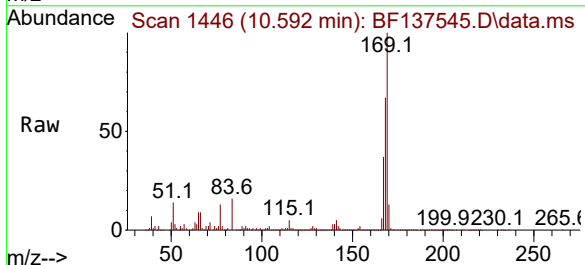
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

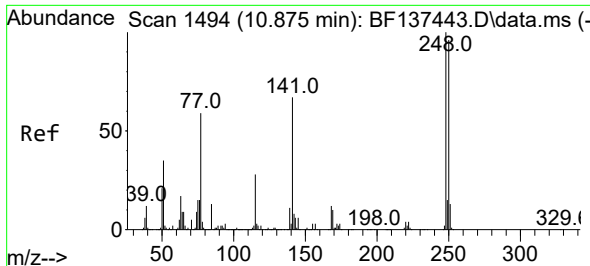
Tgt Ion:198 Resp: 182859
Ion Ratio Lower Upper
198 100
51 50.7 37.2 77.2
105 47.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 39.968 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:169 Resp: 940842
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 37.0 29.6 44.4

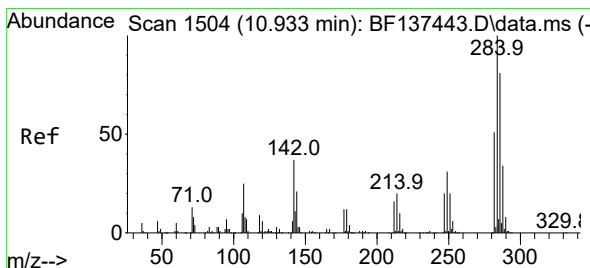
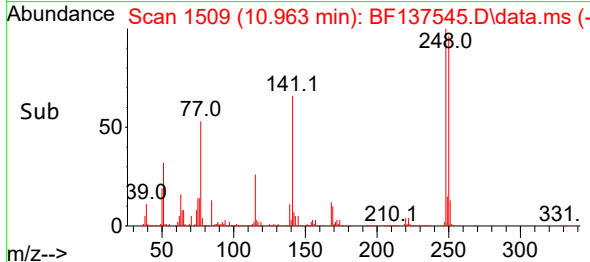
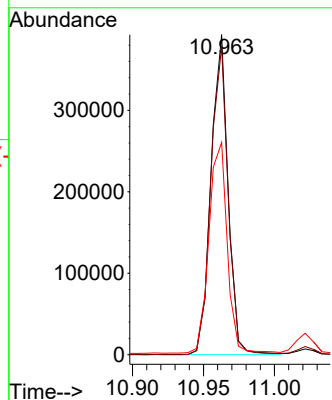
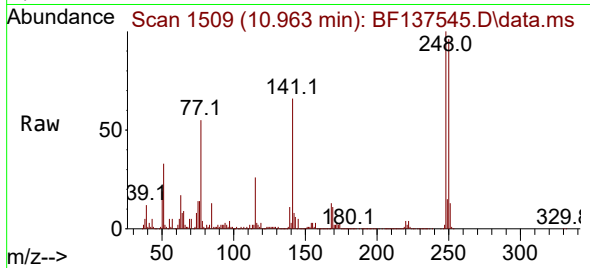




#67
4-Bromophenyl-phenylether
Concen: 41.171 ng
RT: 10.963 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

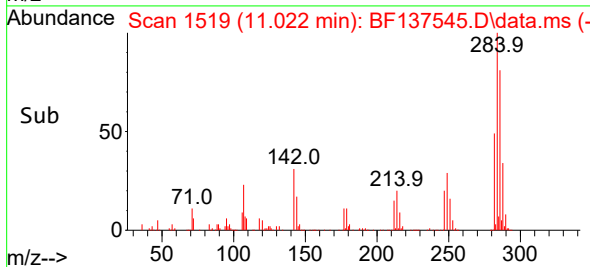
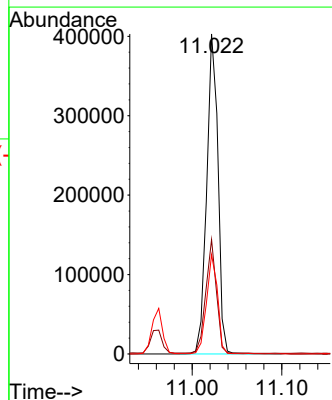
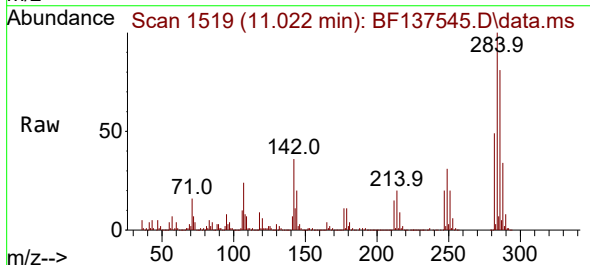
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

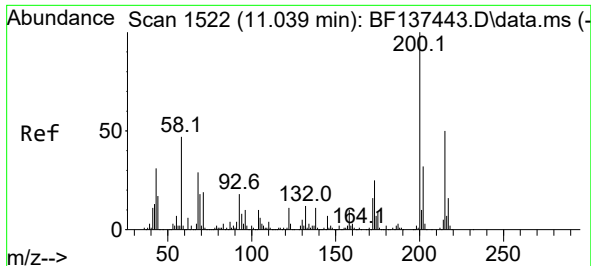
Tgt Ion:248 Resp: 327809
Ion Ratio Lower Upper
248 100
250 96.3 76.8 115.2
141 66.3 53.4 80.0



#68
Hexachlorobenzene
Concen: 43.698 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:284 Resp: 351420
Ion Ratio Lower Upper
284 100
142 35.8 29.4 44.0
249 31.1 25.0 37.4

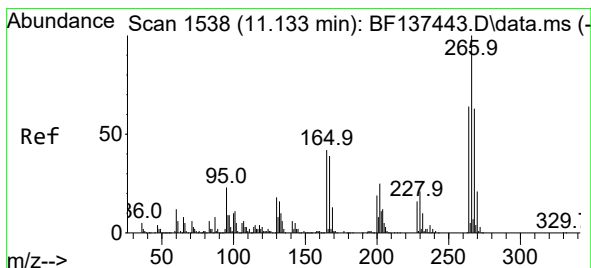
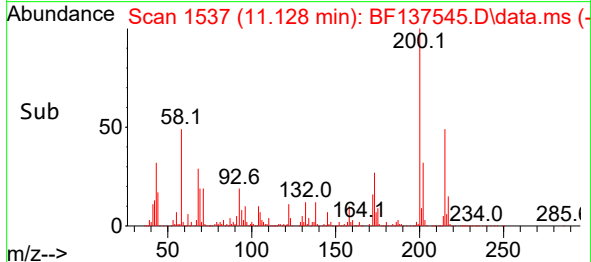
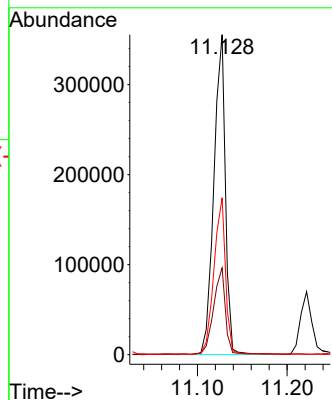
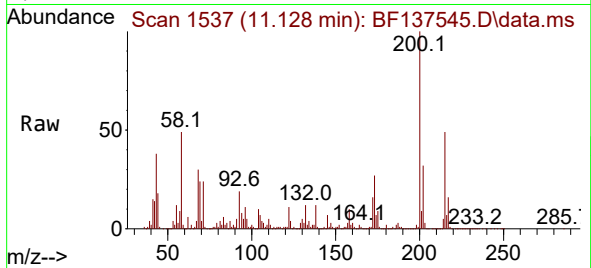




#69
 Atrazine
 Concen: 44.207 ng
 RT: 11.128 min Scan# 1537
 Delta R.T. 0.006 min
 Lab File: BF137545.D
 Acq: 08 Mar 2024 16:11

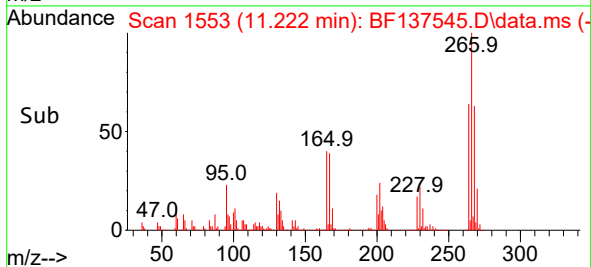
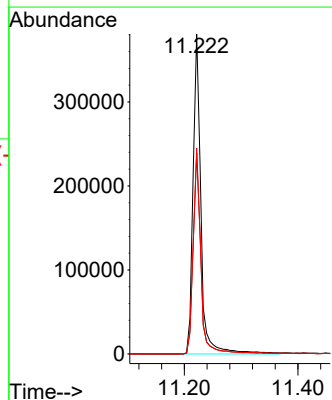
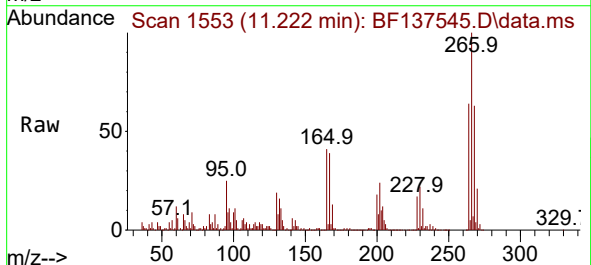
Instrument :
 BNA_F
 ClientSampleId :
 TP-2BMSD

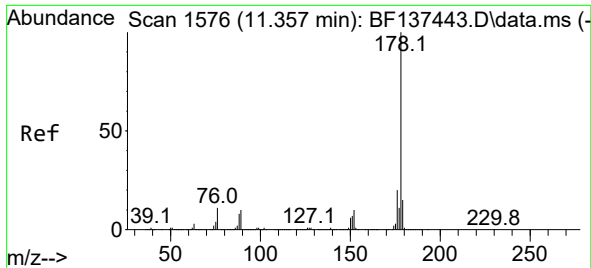
Tgt Ion:200 Resp: 316348
 Ion Ratio Lower Upper
 200 100
 173 27.1 5.1 45.1
 215 49.0 30.4 70.4



#70
 Pentachlorophenol
 Concen: 75.741 ng
 RT: 11.222 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF137545.D
 Acq: 08 Mar 2024 16:11

Tgt Ion:266 Resp: 368217
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.2 75.2
 264 64.3 50.9 76.3

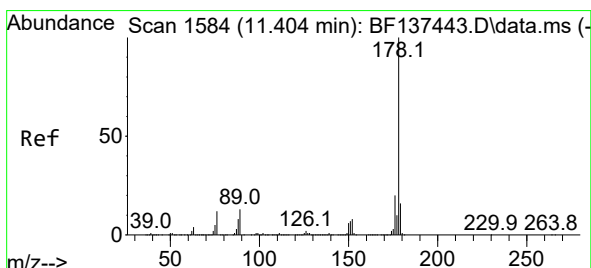
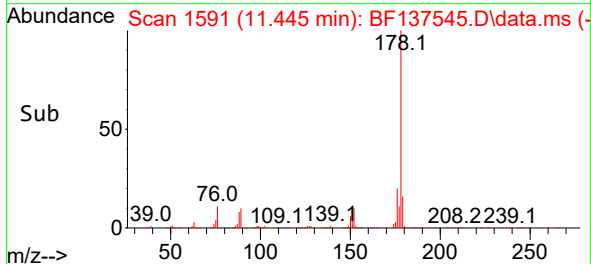
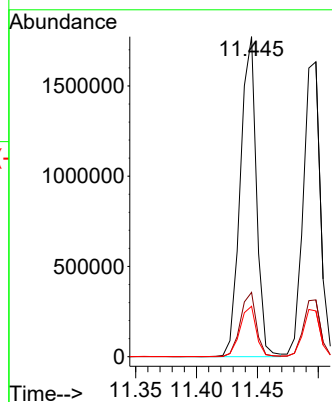
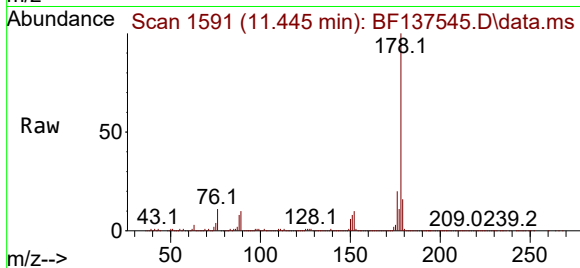




#71
Phenanthrene
Concen: 40.984 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

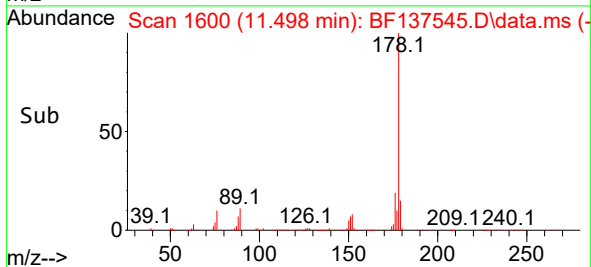
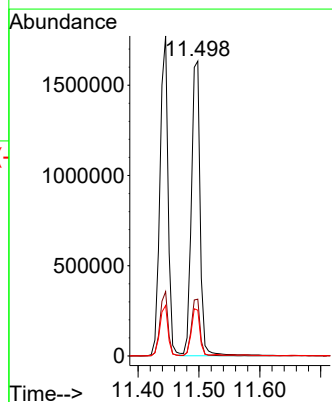
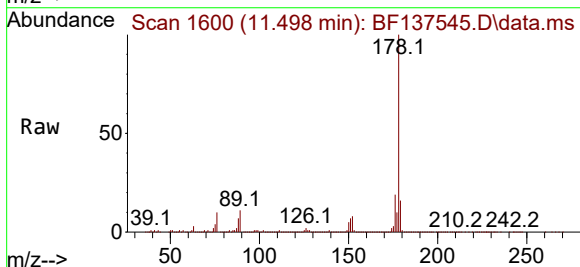
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

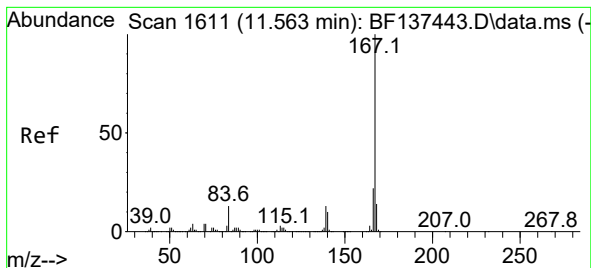
Tgt Ion:178 Resp: 1630500
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.7 12.2 18.2



#72
Anthracene
Concen: 40.061 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:178 Resp: 1636900
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.5 12.7 19.1





#73

Carbazole

Concen: 39.608 ng

RT: 11.657 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

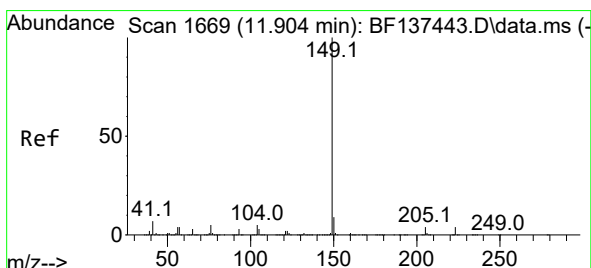
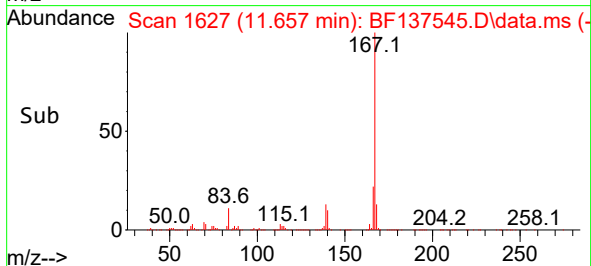
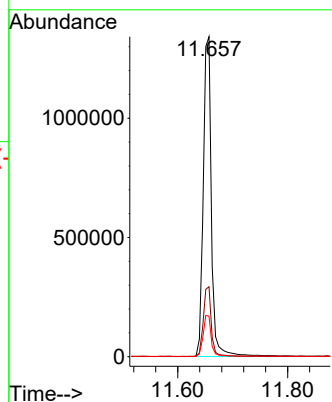
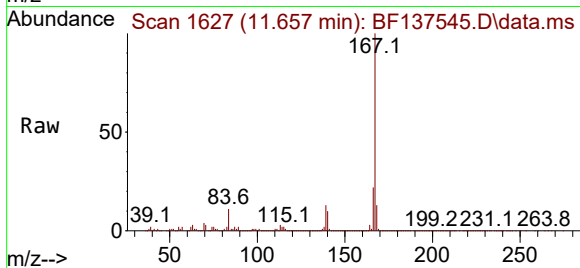
Tgt Ion:167 Resp: 1386271

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.291 ng

RT: 11.992 min Scan# 1684

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

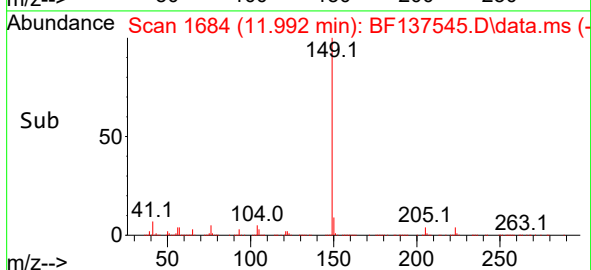
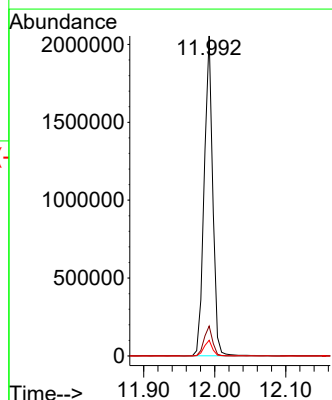
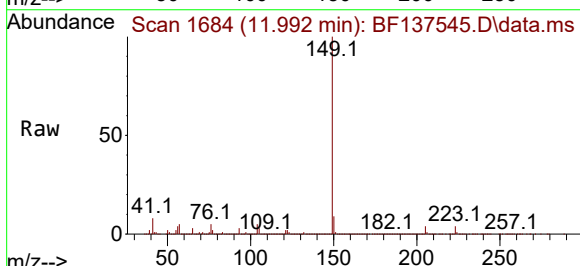
Tgt Ion:149 Resp: 1719434

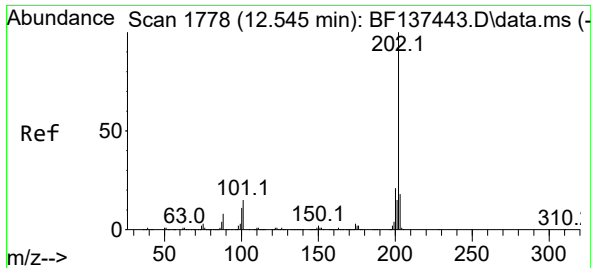
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.9 3.8 5.6

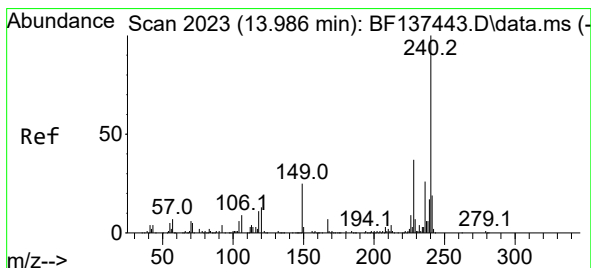
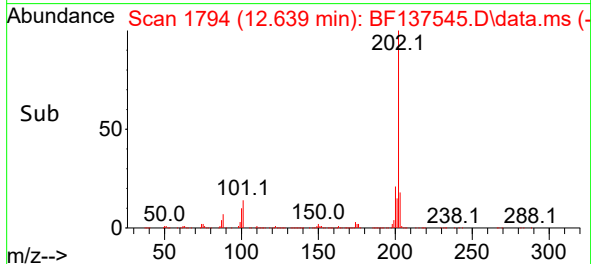
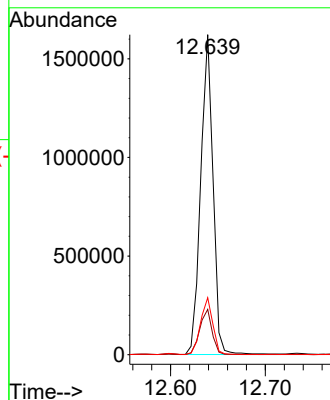
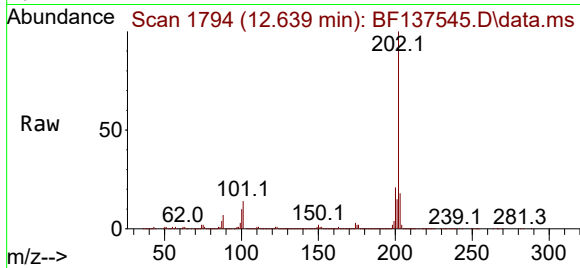




#75
Fluoranthene
Concen: 37.567 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

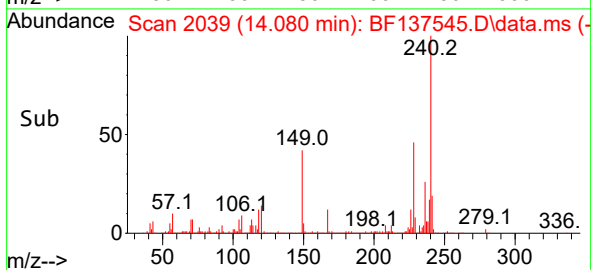
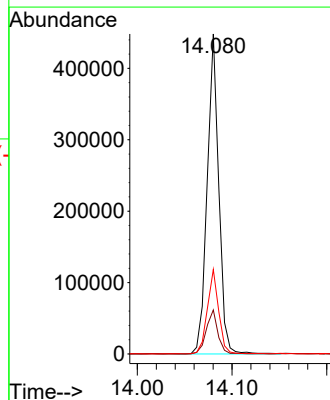
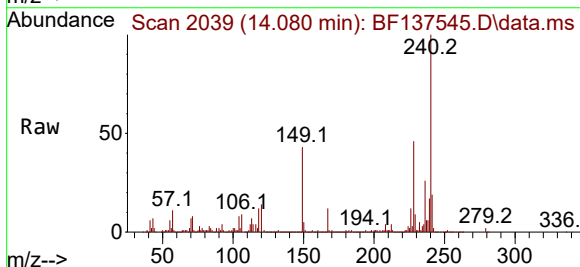
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

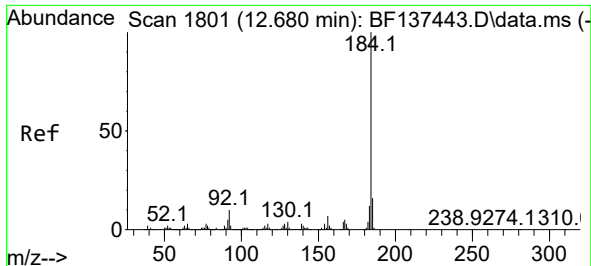
Tgt Ion:202 Resp: 1460909
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:240 Resp: 380902
Ion Ratio Lower Upper
240 100
120 13.8 10.4 15.6
236 26.4 20.9 31.3

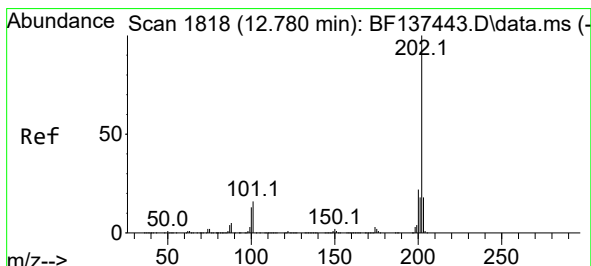
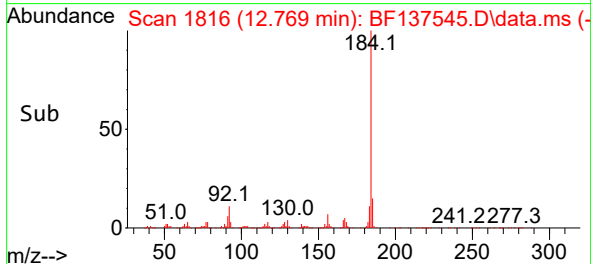
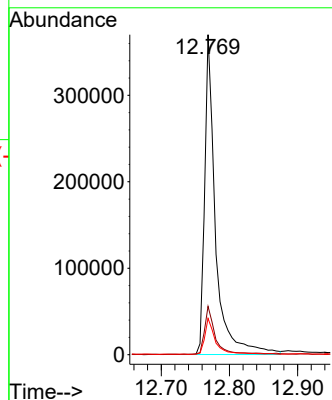
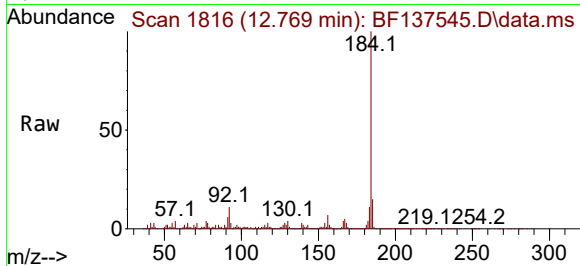




#77
Benzidine
Concen: 44.110 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

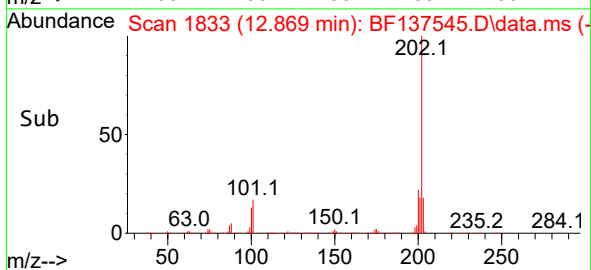
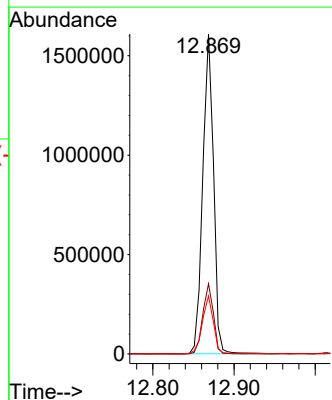
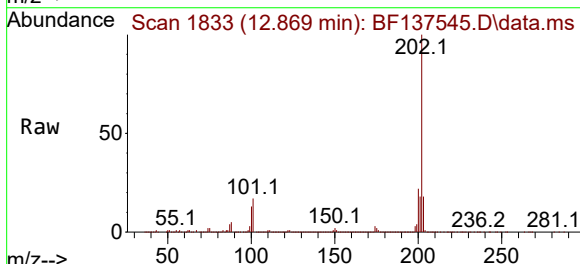
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

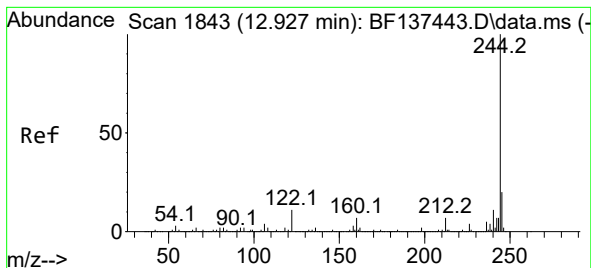
Tgt Ion:184 Resp: 411173
Ion Ratio Lower Upper
184 100
185 15.1 13.2 19.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 39.658 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:202 Resp: 1482224
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 41.777 ng

RT: 13.016 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

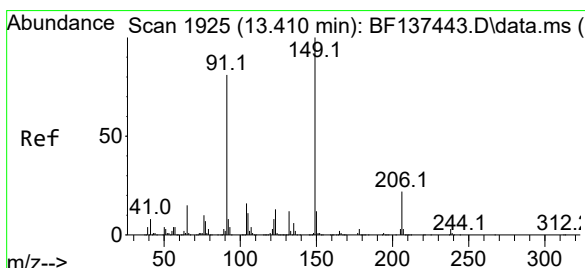
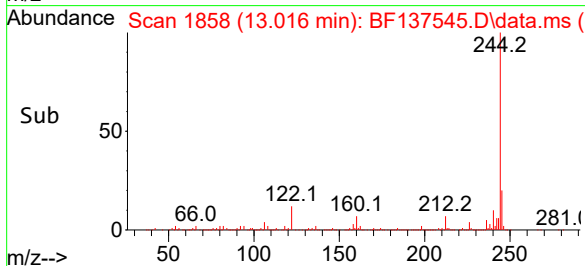
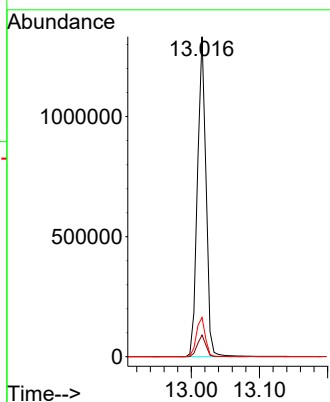
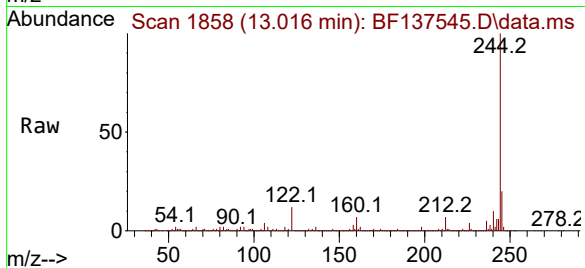
Tgt Ion:244 Resp: 1157221

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 12.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 53.718 ng

RT: 13.504 min Scan# 1941

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

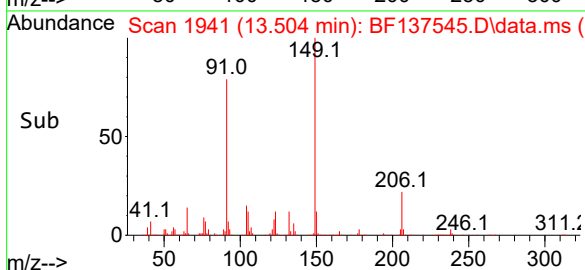
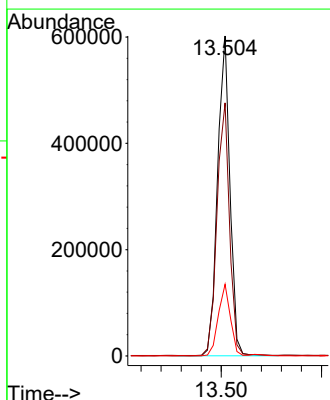
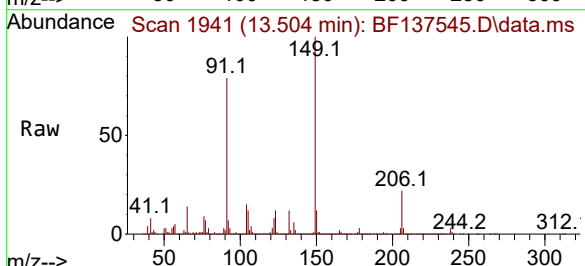
Tgt Ion:149 Resp: 512738

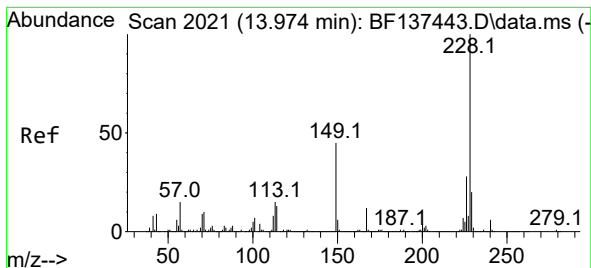
Ion Ratio Lower Upper

149 100

91 79.1 64.7 97.1

206 22.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 41.301 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

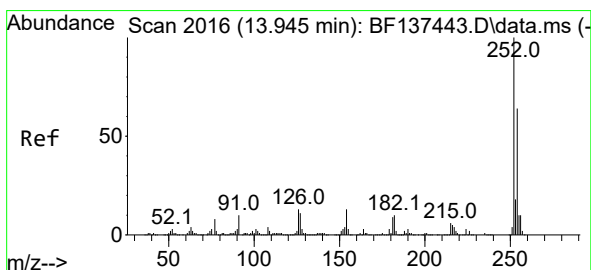
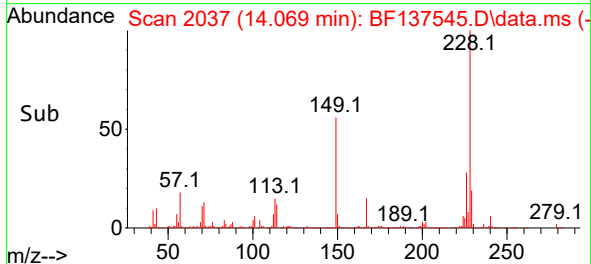
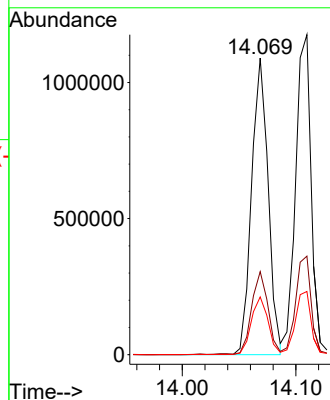
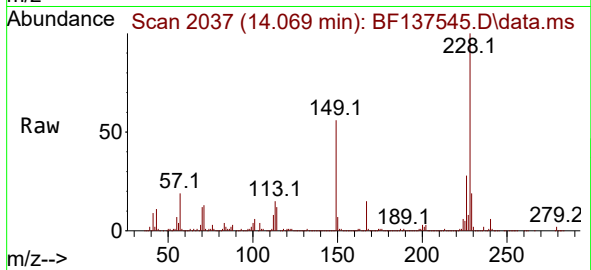
Tgt Ion:228 Resp: 1102617

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 19.5 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 28.421 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

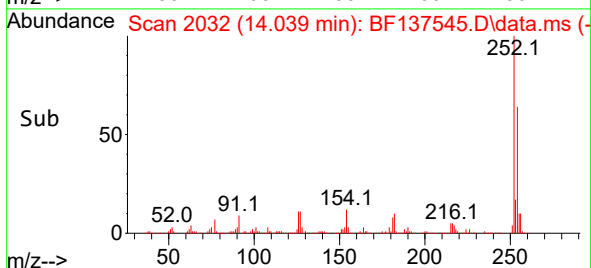
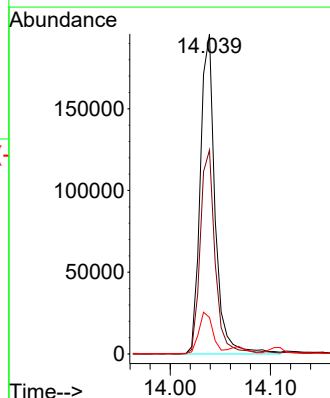
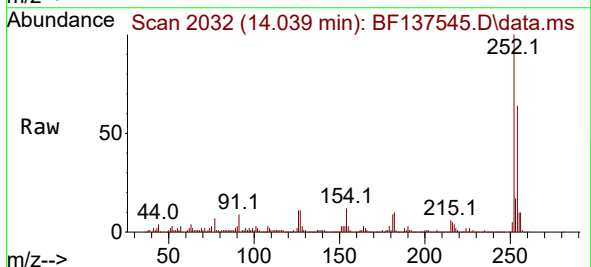
Tgt Ion:252 Resp: 202057

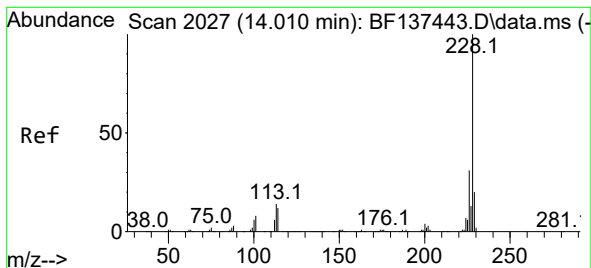
Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

126 11.4 10.4 15.6





#83

Chrysene

Concen: 41.444 ng

RT: 14.110 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

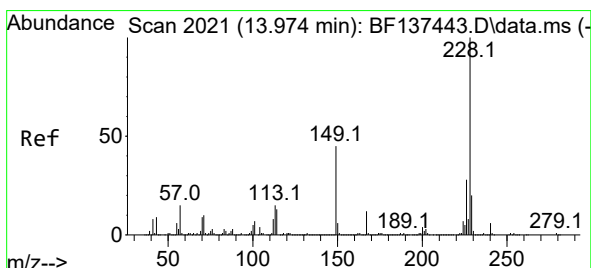
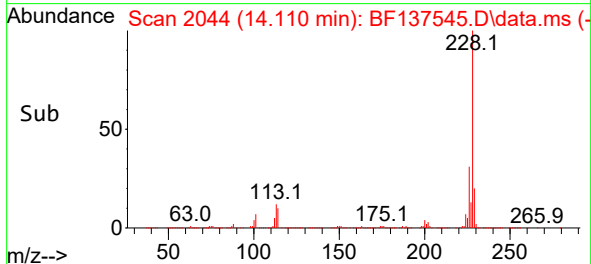
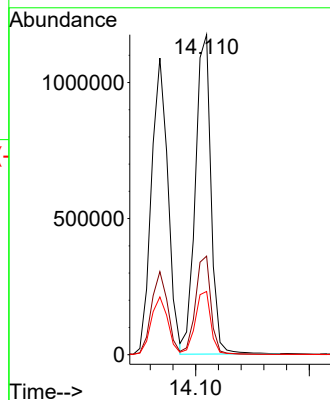
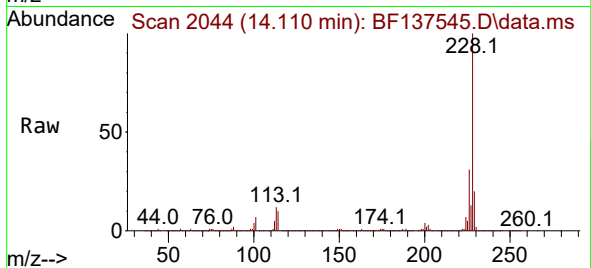
Tgt Ion:228 Resp: 1118276

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.935 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

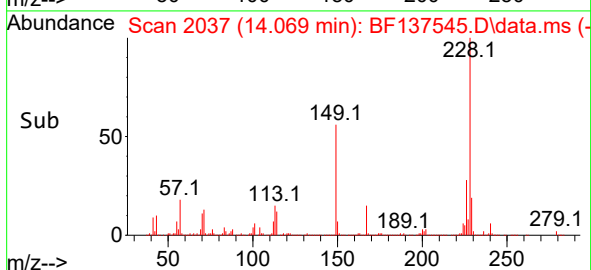
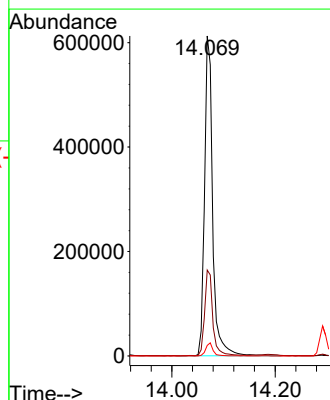
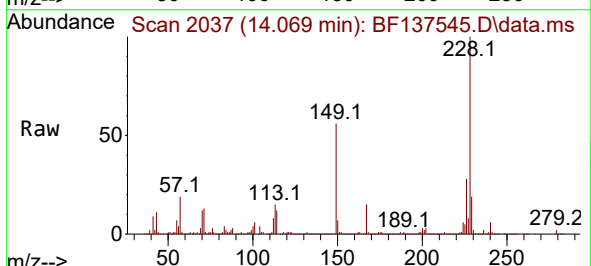
Tgt Ion:149 Resp: 666479

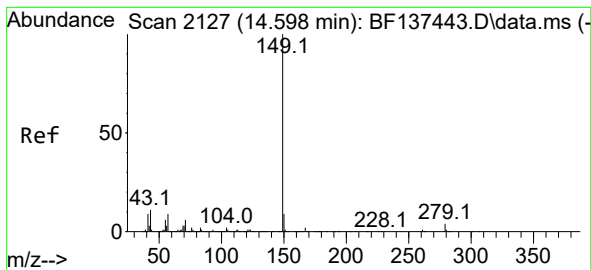
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 3.3 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 51.454 ng

RT: 14.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

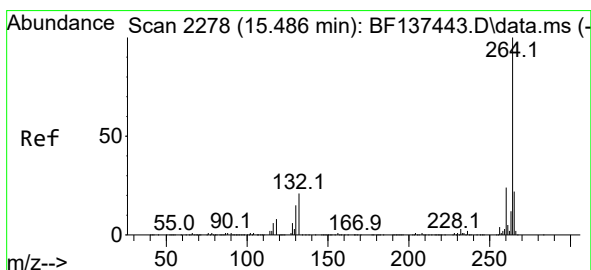
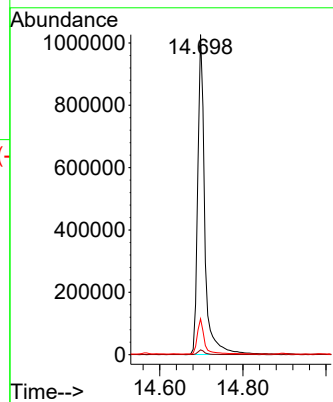
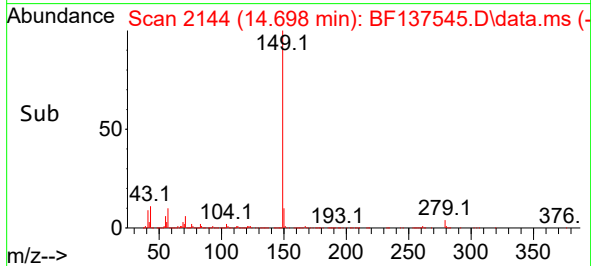
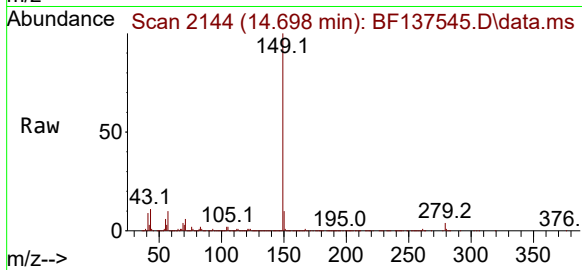
Tgt Ion:149 Resp: 1213777

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2301

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

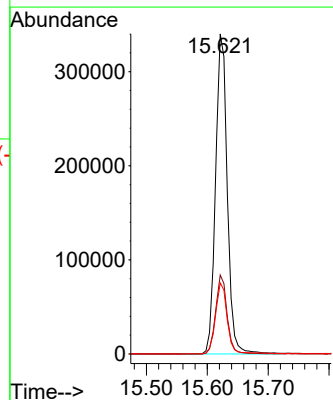
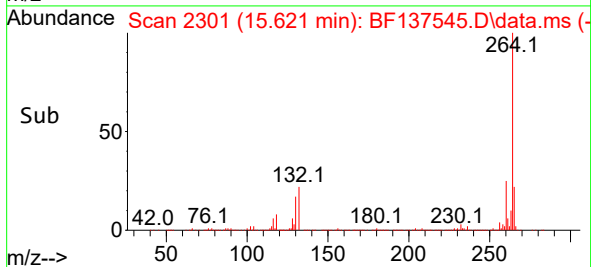
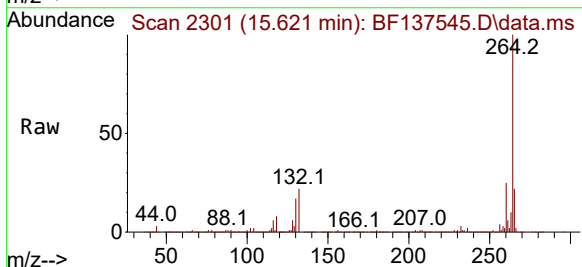
Tgt Ion:264 Resp: 454964

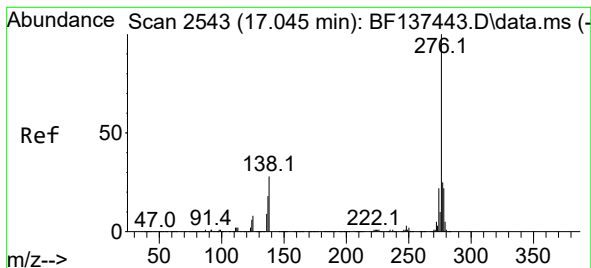
Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.434 ng

RT: 17.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

Instrument :

BNA_F

ClientSampleId :

TP-2BMSD

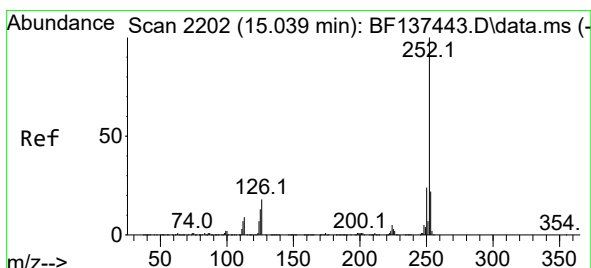
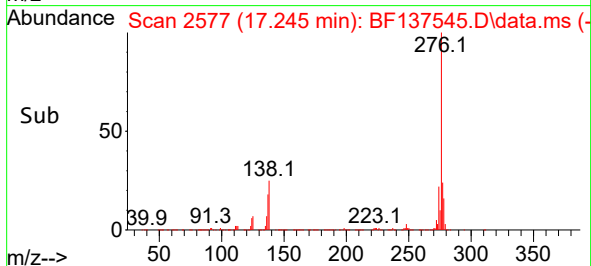
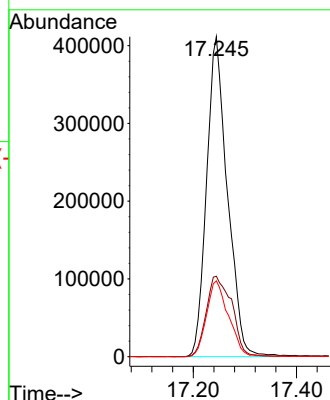
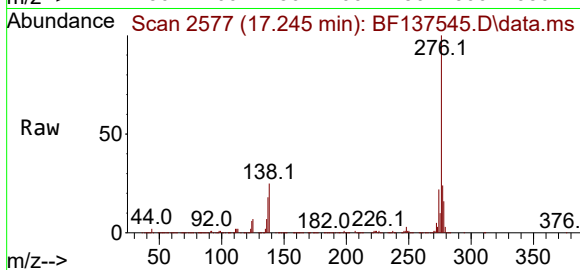
Tgt Ion:276 Resp: 1150717

Ion Ratio Lower Upper

276 100

138 31.0 25.8 38.8

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.802 ng

RT: 15.163 min Scan# 2223

Delta R.T. 0.006 min

Lab File: BF137545.D

Acq: 08 Mar 2024 16:11

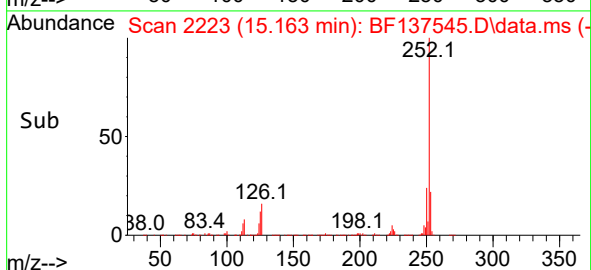
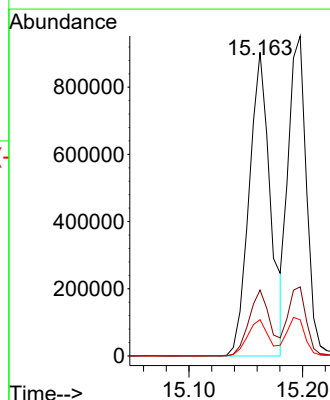
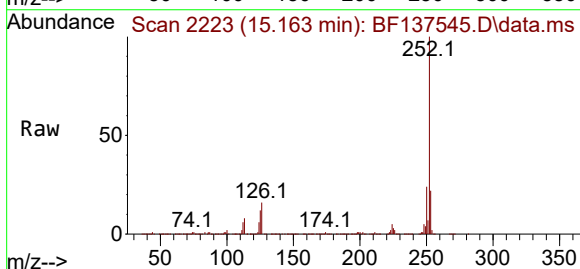
Tgt Ion:252 Resp: 1178840

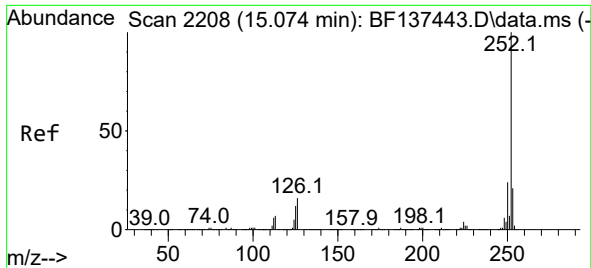
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 12.0 10.1 15.1

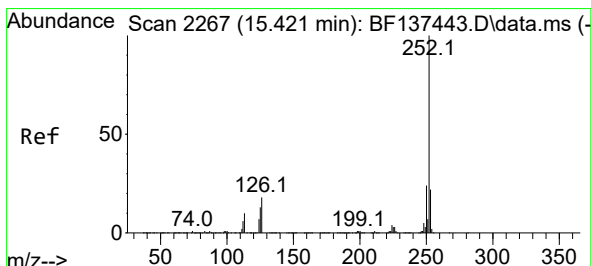
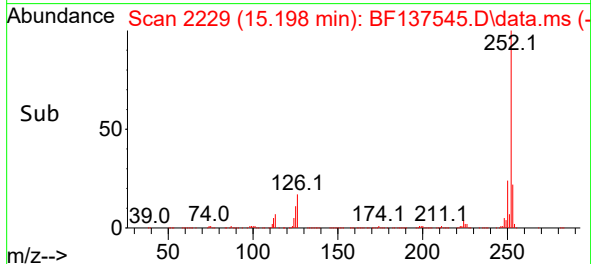
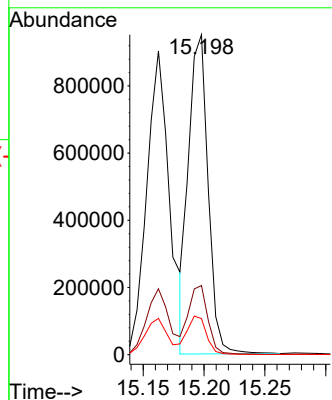
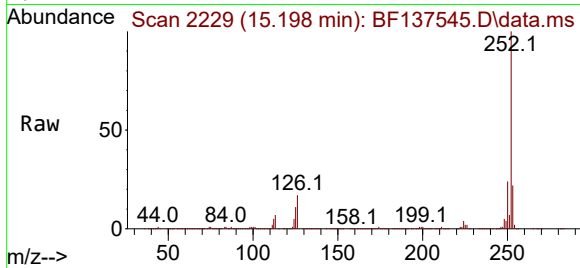




#89
Benzo(k)fluoranthene
Concen: 36.646 ng
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

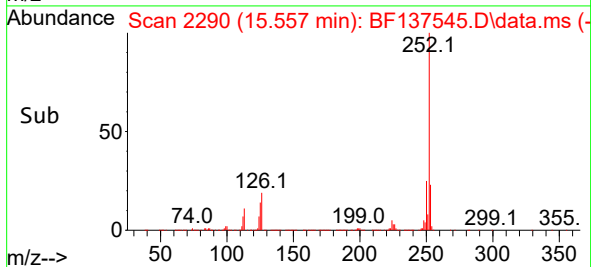
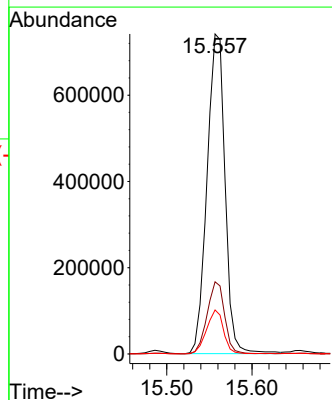
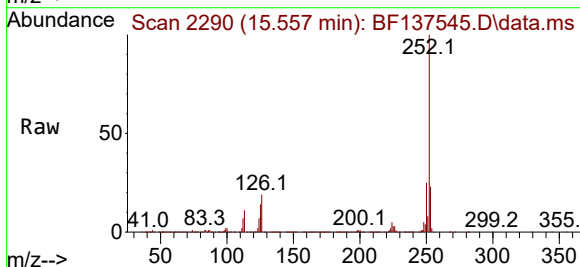
Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

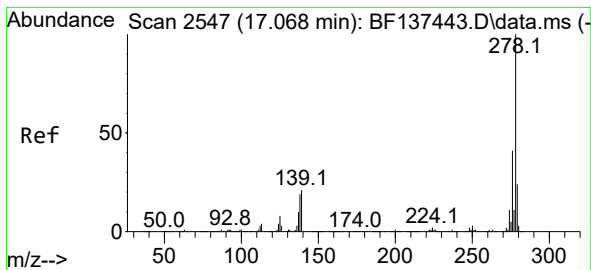
Tgt Ion:252 Resp: 1059323
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.3 9.6 14.4



#90
Benzo(a)pyrene
Concen: 41.034 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:252 Resp: 1088268
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 13.7 10.4 15.6

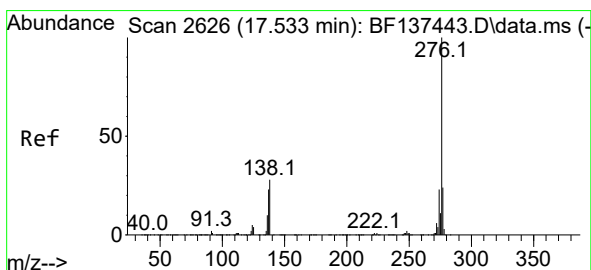
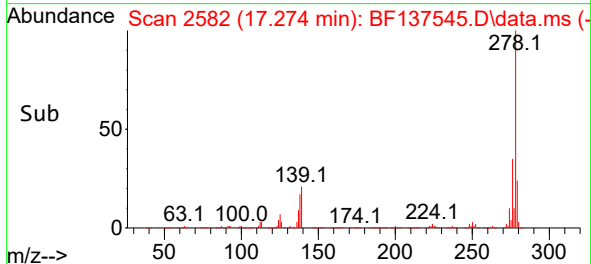
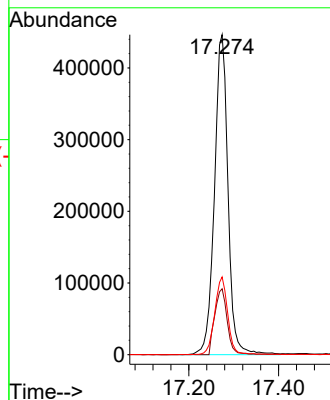
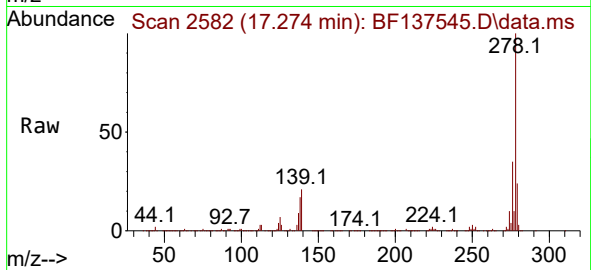




#91
Dibenzo(a,h)anthracene
Concen: 38.532 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Instrument :
BNA_F
ClientSampleId :
TP-2BMSD

Tgt Ion:278 Resp: 935830
Ion Ratio Lower Upper
278 100
139 20.6 17.0 25.6
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 33.981 ng
RT: 17.739 min Scan# 2661
Delta R.T. 0.012 min
Lab File: BF137545.D
Acq: 08 Mar 2024 16:11

Tgt Ion:276 Resp: 847581
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 27.5 22.2 33.2

