

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137457.D
 Acq On : 01 Mar 2024 14:16
 Operator : CG\JU
 Sample : P1653-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 294MSD

Quant Time: Mar 01 14:48:35 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 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	186746	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	699898	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	347814	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	490183	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	379092	20.000	ng	-0.01
86) Perylene-d12	15.586	264	361429	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1121406	90.948	ng	0.00
7) Phenol-d6	6.516	99	1489497	83.688	ng	-0.01
23) Nitrobenzene-d5	7.428	82	926321	61.496	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	240174	78.632	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1430887	64.398	ng	-0.01
79) Terphenyl-d14	12.992	244	1209028	43.856	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	273358	40.546	ng	100
3) Pyridine	3.516	79	623191	38.327	ng	99
4) n-Nitrosodimethylamine	3.493	42	316392	48.032	ng	96
6) Aniline	6.540	93	640345	29.444	ng	99
8) 2-Chlorophenol	6.657	128	599708	46.113	ng	96
9) Benzaldehyde	6.428	77	462585	53.051	ng	99
10) Phenol	6.528	94	842867	43.998	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	644076	45.881	ng	99
12) 1,3-Dichlorobenzene	6.810	146	648039	46.632	ng	98
13) 1,4-Dichlorobenzene	6.887	146	643116	45.230	ng	98
14) 1,2-Dichlorobenzene	7.034	146	615228	47.141	ng	99
15) Benzyl Alcohol	7.016	79	530603	47.886	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1043411	43.240	ng	98
17) 2-Methylphenol	7.128	107	489308	40.208	ng	98
18) Hexachloroethane	7.375	117	221380	47.285	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	448196	40.780	ng	97
20) 3+4-Methylphenols	7.275	107	559334	40.132	ng	# 89
22) Acetophenone	7.275	105	778832	45.991	ng	# 96
24) Nitrobenzene	7.445	77	692123	45.740	ng	99
25) Isophorone	7.687	82	1275717	44.578	ng	98
26) 2-Nitrophenol	7.763	139	294613	49.041	ng	96
27) 2,4-Dimethylphenol	7.804	122	413538	36.840	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	762382	45.405	ng	99
29) 2,4-Dichlorophenol	8.004	162	464675	45.104	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	509666	47.011	ng	99
31) Naphthalene	8.163	128	1667475	44.404	ng	99
32) Benzoic acid	7.928	122	242593	38.902	ng	98
33) 4-Chloroaniline	8.216	127	169065	11.482	ng	96
34) Hexachlorobutadiene	8.281	225	299586	46.806	ng	98
35) Caprolactam	8.587	113	152827	43.748	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	491301	42.663	ng	99
37) 2-Methylnaphthalene	8.857	142	996779	41.638	ng	99
38) 1-Methylnaphthalene	8.957	142	923401	40.959	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	480007	49.434	ng	99
41) Hexachlorocyclopentadiene	9.010	237	301252	76.433	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	303429	47.986	ng	97

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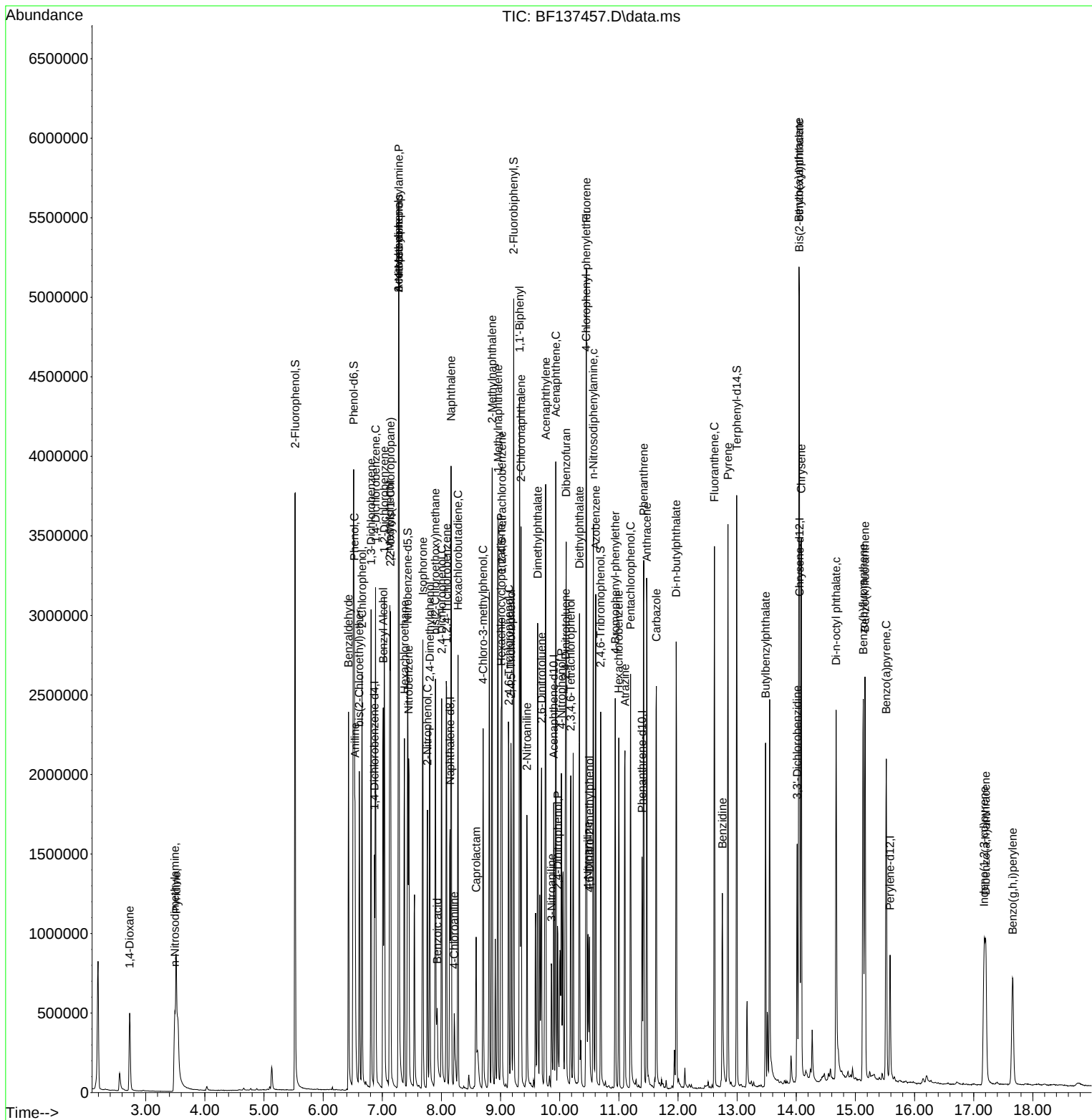
Instrument :
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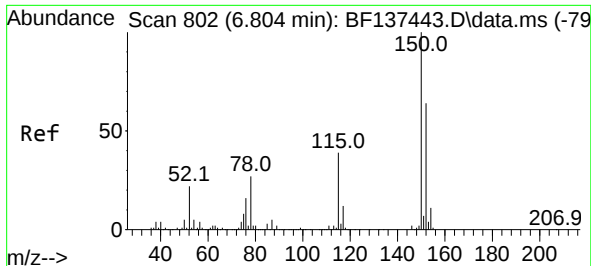
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	322274	44.244	ng	95
46) 1,1'-Biphenyl	9.322	154	1209940	47.529	ng	98
47) 2-Chloronaphthalene	9.345	162	934775	48.162	ng	99
48) 2-Nitroaniline	9.445	65	302807	45.902	ng	92
49) Acenaphthylene	9.763	152	1455288	46.853	ng	99
50) Dimethylphthalate	9.628	163	1117198	46.143	ng	99
51) 2,6-Dinitrotoluene	9.692	165	230776	45.570	ng	94
52) Acenaphthene	9.934	154	807162	43.528	ng	99
53) 3-Nitroaniline	9.863	138	141786	26.470	ng	93
54) 2,4-Dinitrophenol	9.969	184	139649	58.950	ng	96
55) Dibenzofuran	10.110	168	1239900	43.901	ng	99
56) 4-Nitrophenol	10.028	139	281447	74.200	ng	94
57) 2,4-Dinitrotoluene	10.098	165	278219	44.717	ng	98
58) Fluorene	10.451	166	892969	41.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	242606	41.534	ng	99
60) Diethylphthalate	10.334	149	1024278	44.799	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	447365	42.084	ng	99
62) 4-Nitroaniline	10.481	138	159665	34.681	ng	96
63) Azobenzene	10.610	77	1128508	42.864	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	114309	41.840	ng	89
66) n-Nitrosodiphenylamine	10.569	169	797881	50.548	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	269464	50.471	ng	98
68) Hexachlorobenzene	10.998	284	276861	51.342	ng	99
69) Atrazine	11.104	200	248505	51.789	ng	97
70) Pentachlorophenol	11.198	266	286825	87.988	ng	100
71) Phenanthrene	11.422	178	1265550	47.440	ng	100
72) Anthracene	11.475	178	1278118	46.649	ng	99
73) Carbazole	11.633	167	1093647	46.600	ng	98
74) Di-n-butylphthalate	11.969	149	1408178	50.432	ng	99
75) Fluoranthene	12.616	202	1264405	48.489	ng	99
77) Benzidine	12.751	184	588777	63.465	ng	98
78) Pyrene	12.845	202	1320044	35.487	ng	100
80) Butylbenzylphthalate	13.480	149	431947	45.469	ng	99
81) Benzo(a)anthracene	14.045	228	1267045	47.687	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	320692	45.323	ng	98
83) Chrysene	14.086	228	1279523	47.647	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	641677	53.144	ng	99
85) Di-n-octyl phthalate	14.674	149	1402107	58.821	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	790279	33.227	ng	99
88) Benzo(b)fluoranthene	15.133	252	1195100	55.898	ng	99
89) Benzo(k)fluoranthene	15.163	252	1198279	52.181	ng	99
90) Benzo(a)pyrene	15.521	252	1015342	48.192	ng	100
91) Dibenzo(a,h)anthracene	17.204	278	628660	32.583	ng	99
92) Benzo(g,h,i)perylene	17.662	276	596908	30.124	ng	98

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

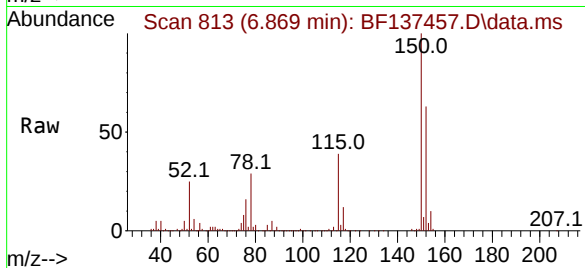
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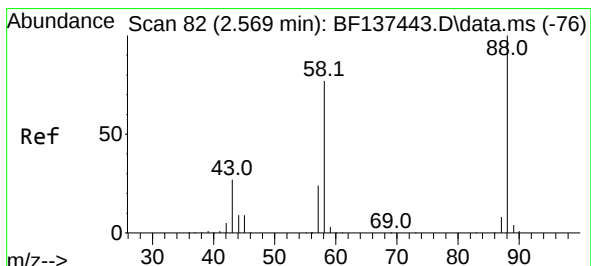
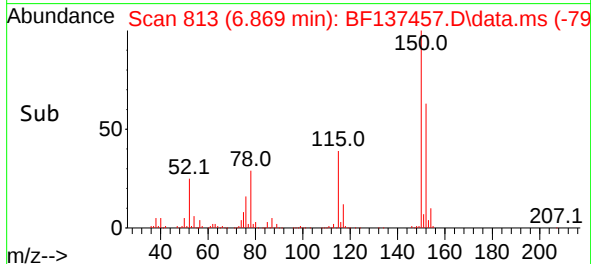
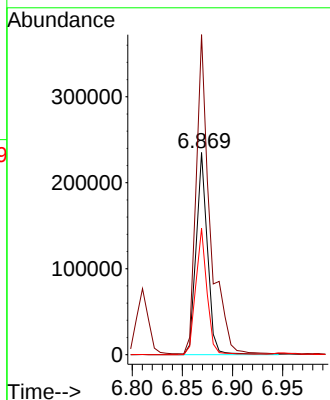


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Instrument :
BNA_F
ClientSampleId :
294MSD

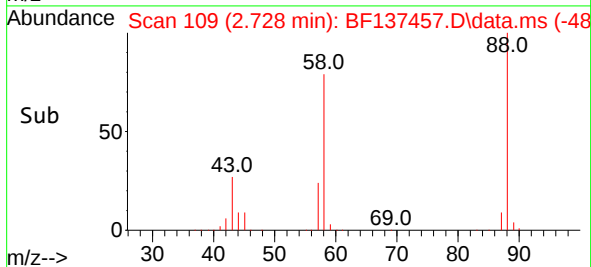
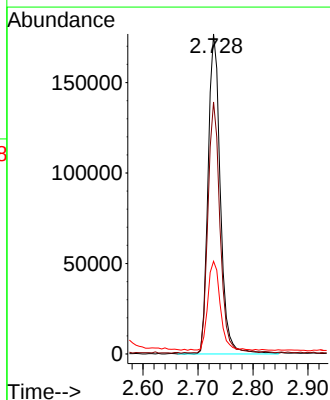
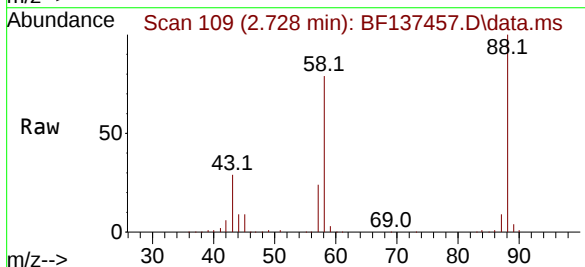


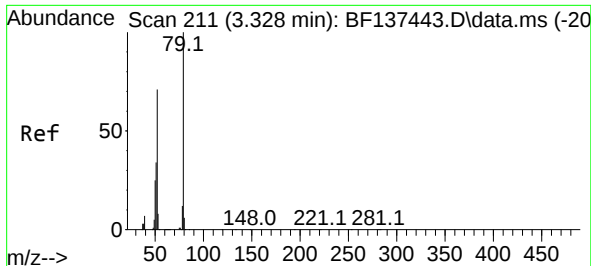
Tgt Ion:152 Resp: 186746
Ion Ratio Lower Upper
152 100
150 158.4 125.8 188.6
115 62.5 48.8 73.2



#2
1,4-Dioxane
Concen: 40.546 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 88 Resp: 273358
Ion Ratio Lower Upper
88 100
58 76.9 61.8 92.8
43 28.0 22.2 33.4





#3

Pyridine

Concen: 38.327 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.000 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

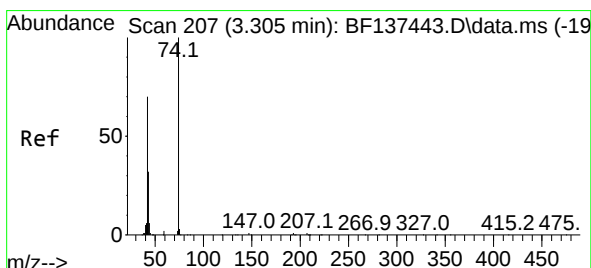
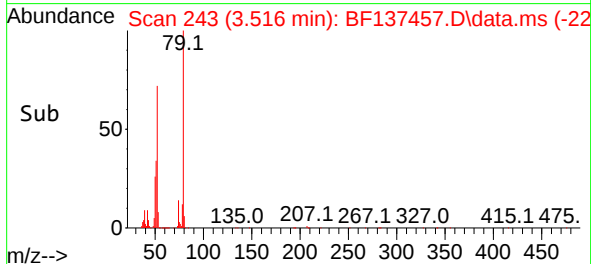
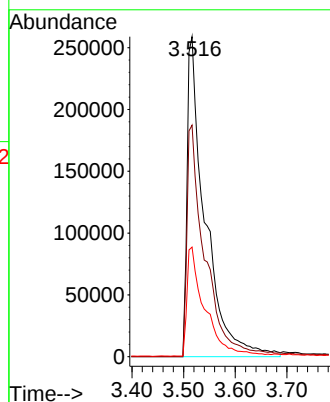
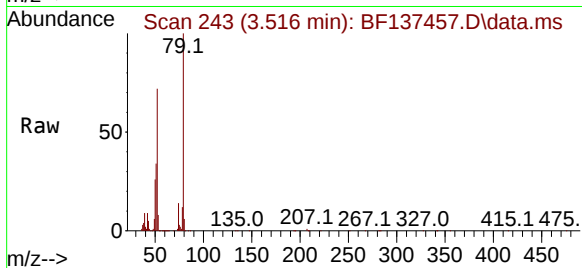
Tgt Ion: 79 Resp: 623191

Ion Ratio Lower Upper

79 100

52 72.4 57.0 85.4

51 34.3 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 48.032 ng

RT: 3.493 min Scan# 239

Delta R.T. -0.006 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

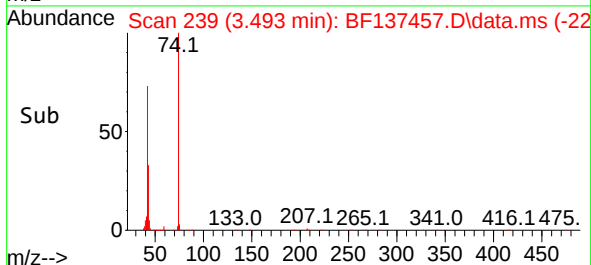
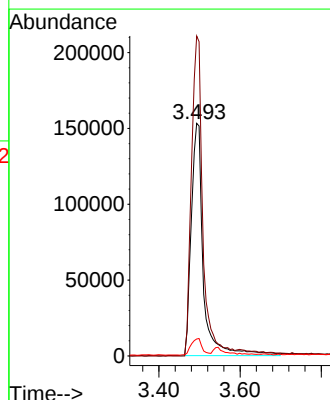
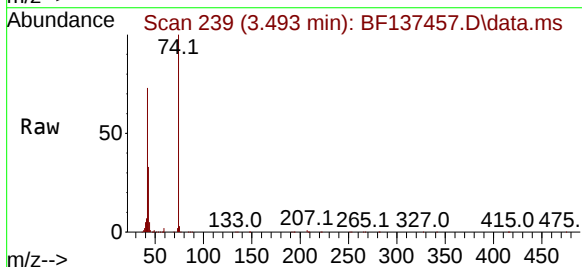
Tgt Ion: 42 Resp: 316392

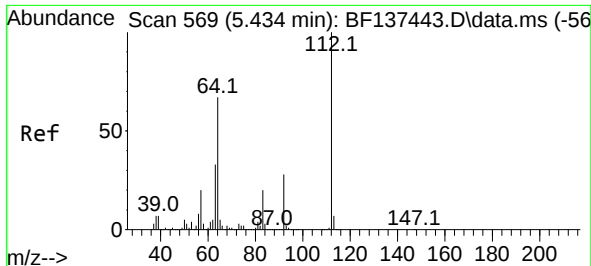
Ion Ratio Lower Upper

42 100

74 137.6 114.0 171.0

44 7.3 7.0 10.4

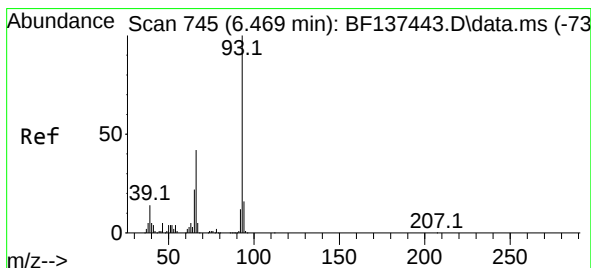
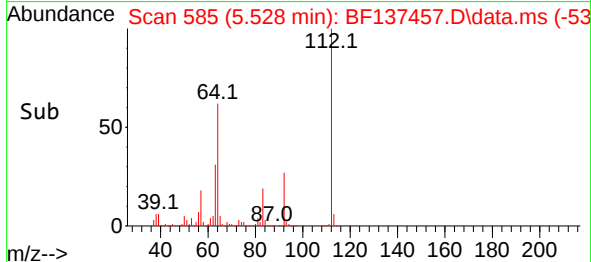
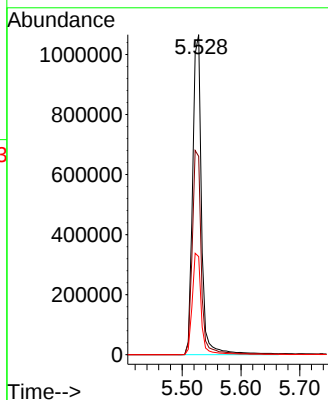
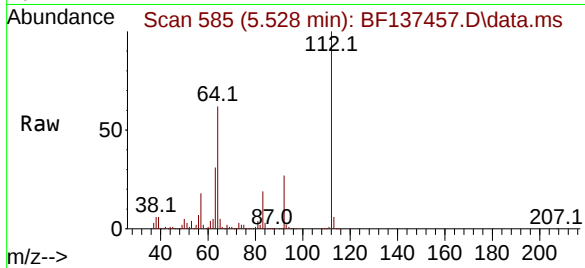




#5
2-Fluorophenol
Concen: 90.948 ng
RT: 5.528 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

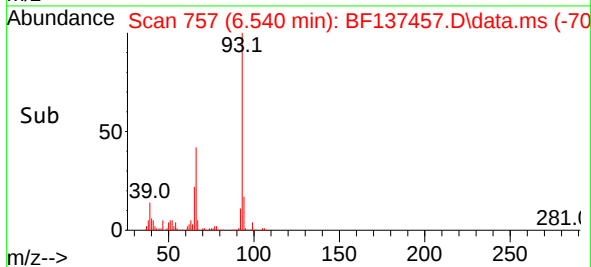
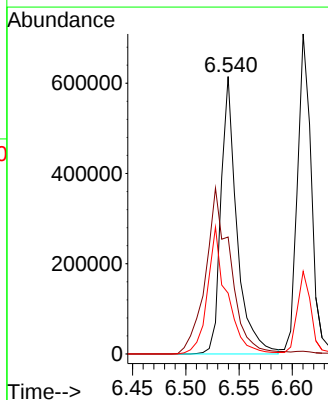
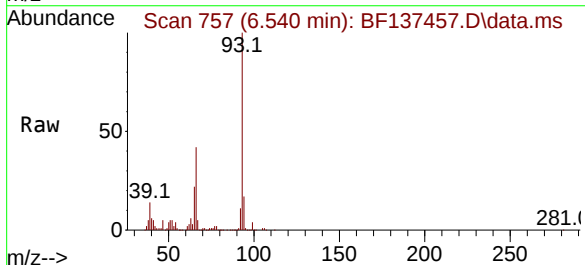
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1121406
Ion Ratio Lower Upper
112 100
64 62.0 53.4 80.2
63 30.6 26.2 39.2



#6
Aniline
Concen: 29.444 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 93 Resp: 640345
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.9 17.8 26.8

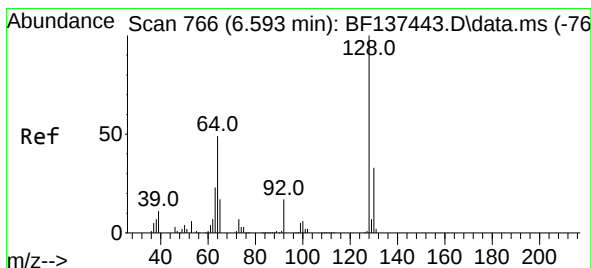
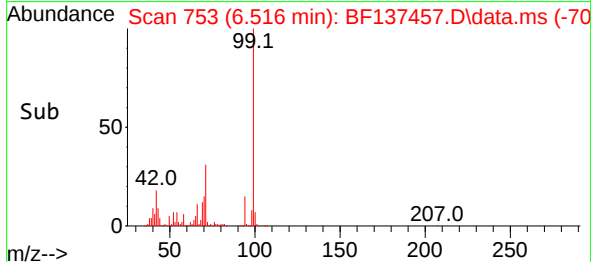
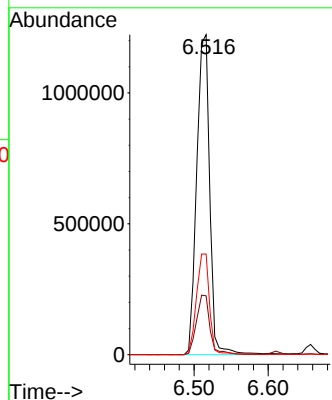
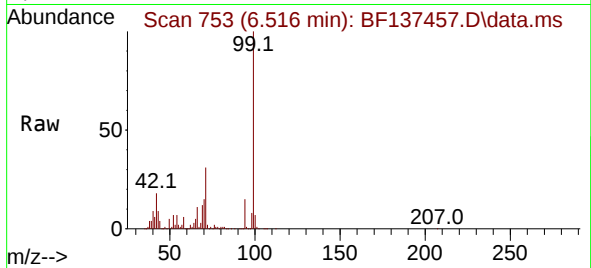




#7
Phenol-d6
Concen: 83.688 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

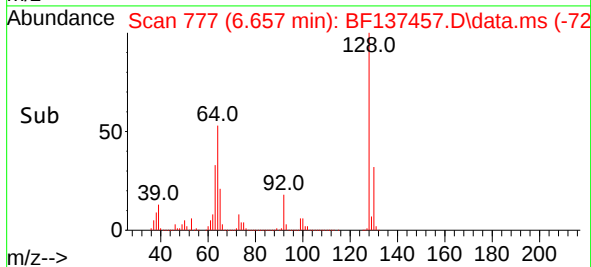
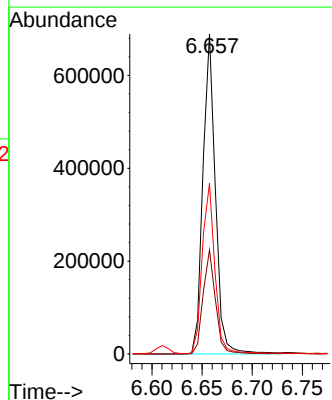
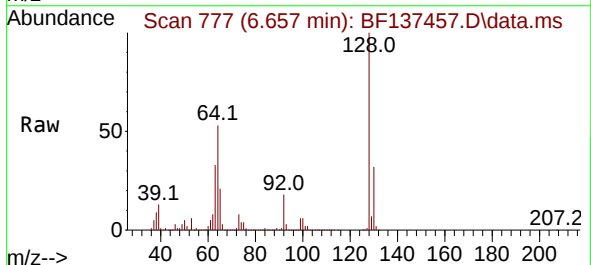
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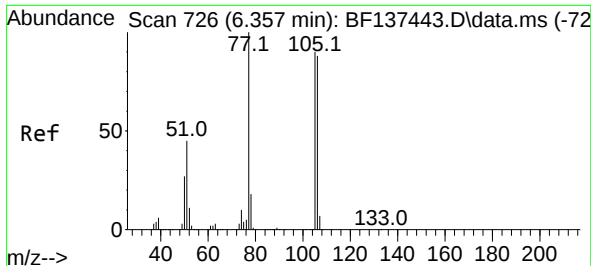
Tgt Ion: 99 Resp: 1489497
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.5 25.3 37.9



#8
2-Chlorophenol
Concen: 46.113 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:128 Resp: 599708
Ion Ratio Lower Upper
128 100
130 32.5 13.4 53.4
64 53.3 30.0 70.0





#9

Benzaldehyde

Concen: 53.051 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

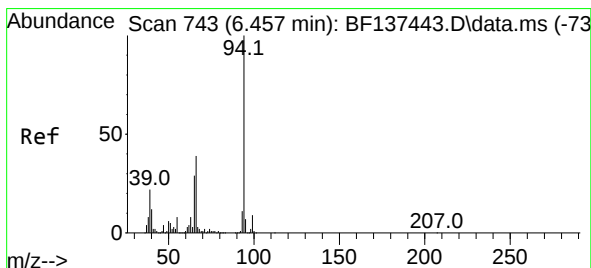
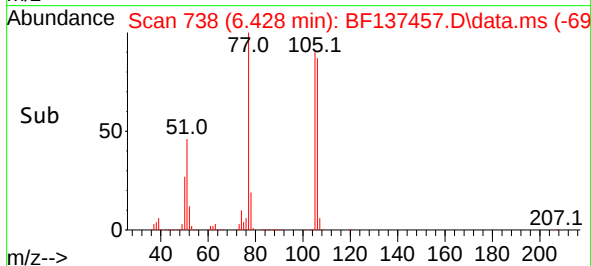
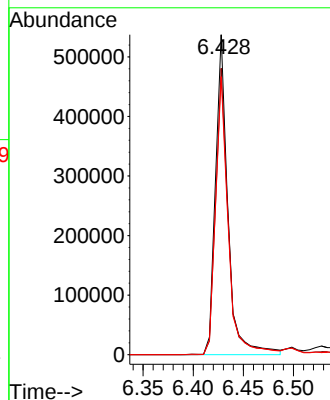
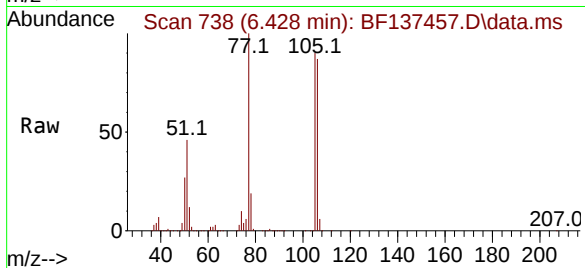
Tgt Ion: 77 Resp: 462585

Ion Ratio Lower Upper

77 100

105 89.5 69.8 109.8

106 86.9 67.8 107.8



#10

Phenol

Concen: 43.998 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

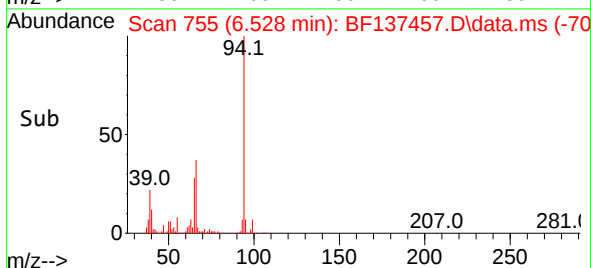
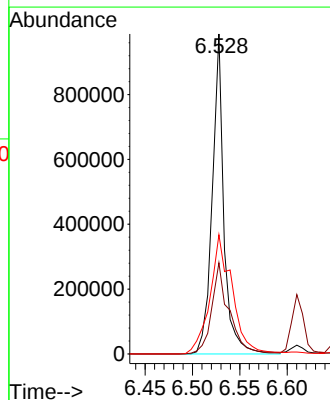
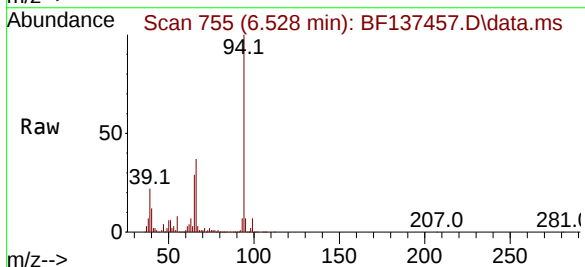
Tgt Ion: 94 Resp: 842867

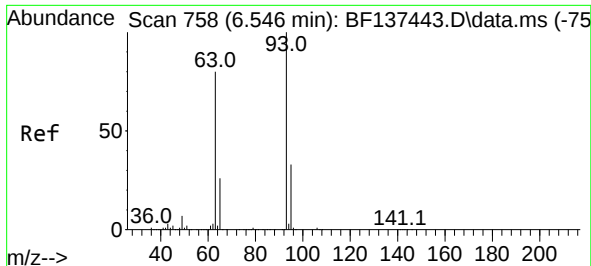
Ion Ratio Lower Upper

94 100

65 28.5 8.7 48.7

66 37.3 18.6 58.6

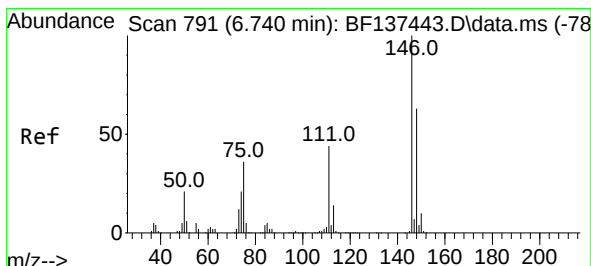
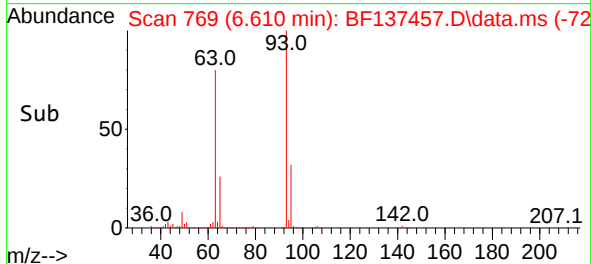
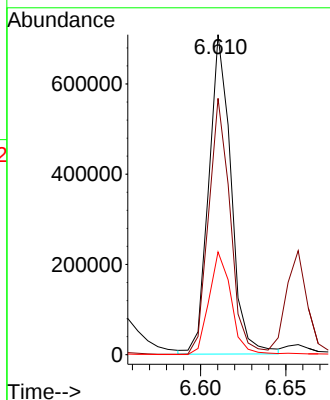
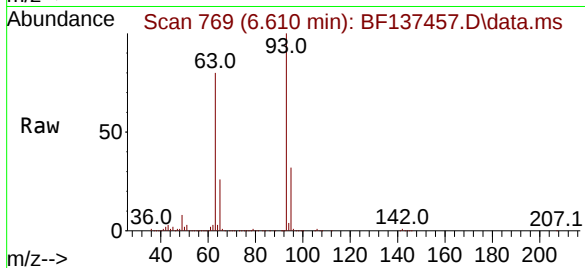




#11
bis(2-Chloroethyl)ether
Concen: 45.881 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

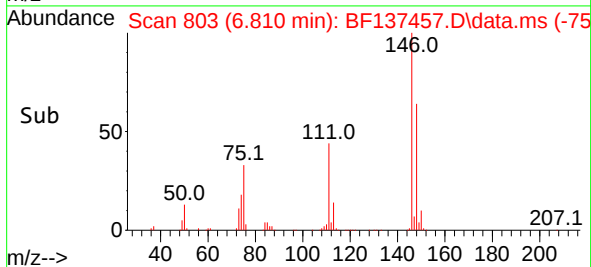
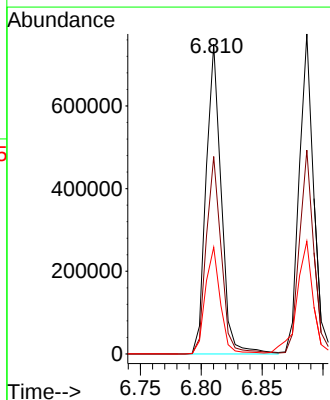
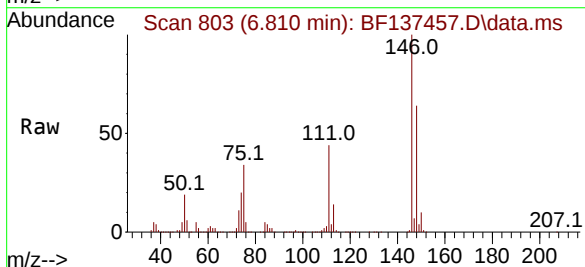
Instrument :
BNA_F
ClientSampleId :
294MSD

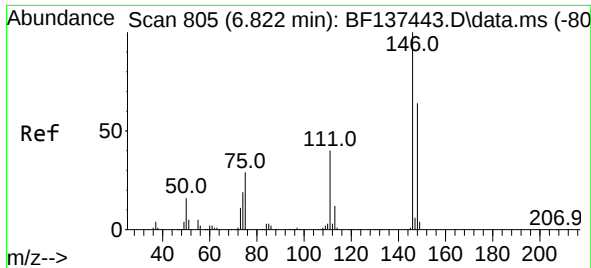
Tgt Ion: 93 Resp: 644076
Ion Ratio Lower Upper
93 100
63 80.1 58.9 98.9
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 46.632 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 146 Resp: 648039
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
75 34.4 29.0 43.4

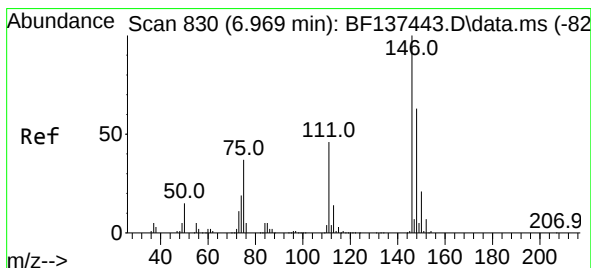
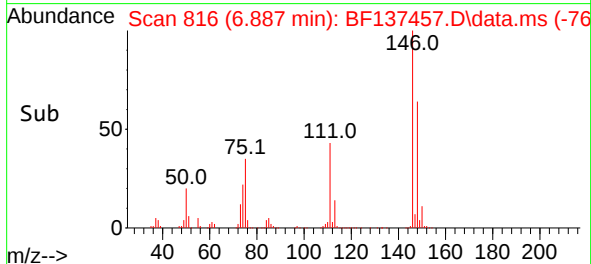
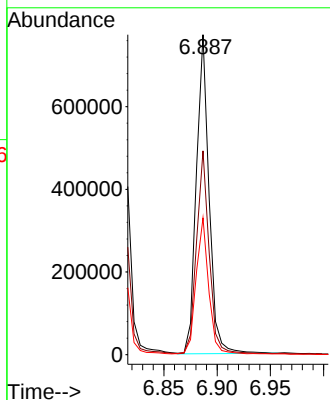
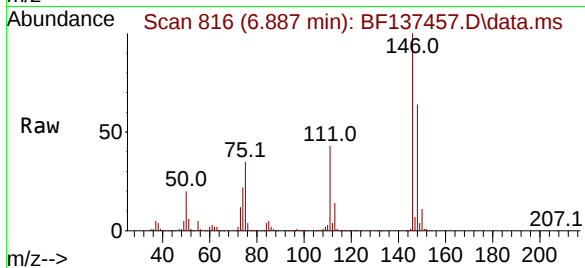




#13
1,4-Dichlorobenzene
Concen: 45.230 ng
RT: 6.887 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

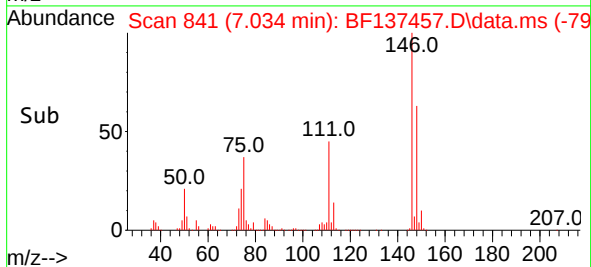
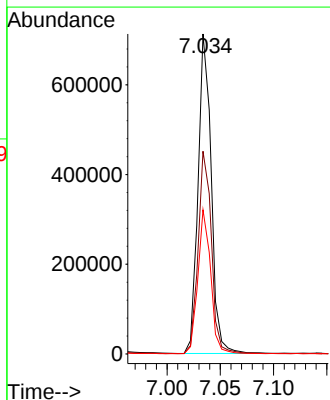
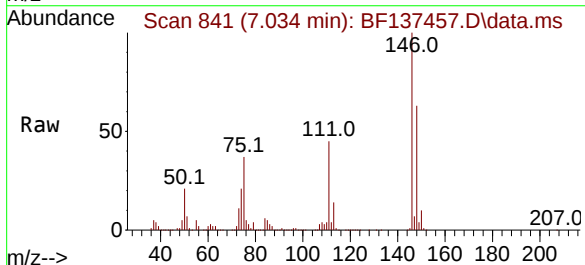
Instrument :
BNA_F
ClientSampleId :
294MSD

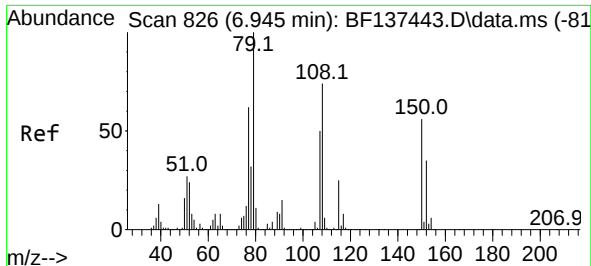
Tgt Ion:146 Resp: 643116
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 42.8 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.141 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:146 Resp: 615228
Ion Ratio Lower Upper
146 100
148 63.4 50.0 75.0
111 45.0 36.8 55.2

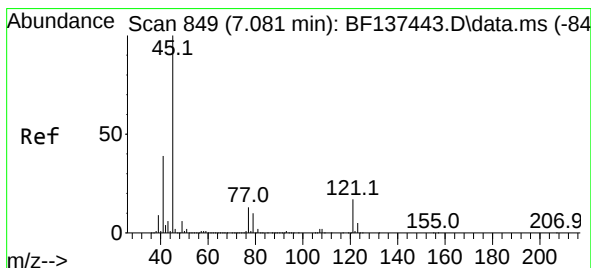
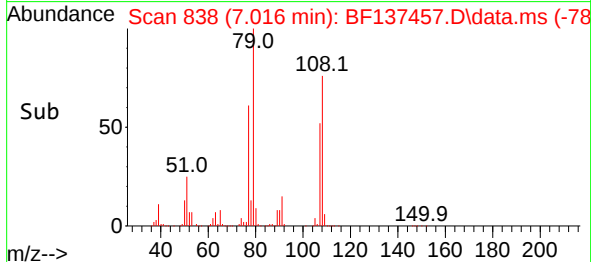
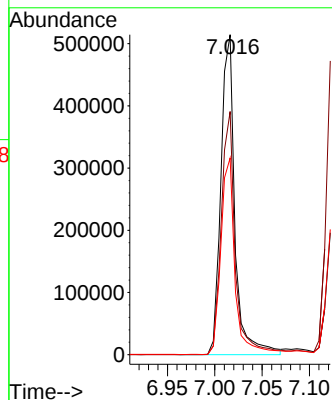
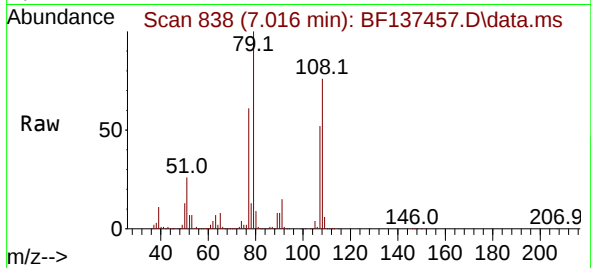




#15
Benzyl Alcohol
Concen: 47.886 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

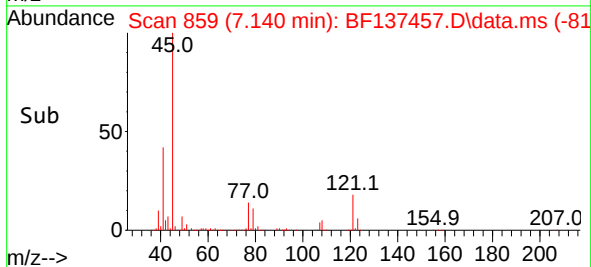
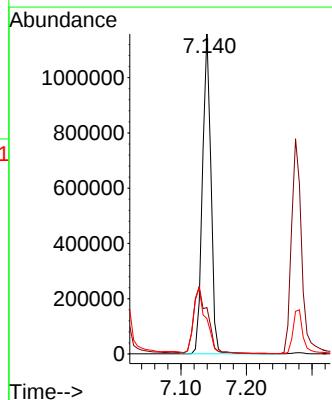
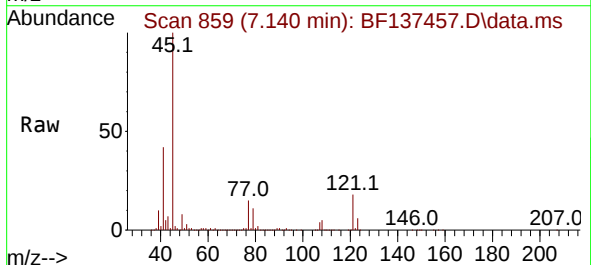
Instrument :
BNA_F
ClientSampleId :
294MSD

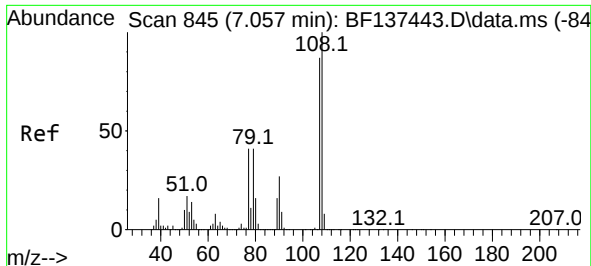
Tgt Ion: 79 Resp: 530603
Ion Ratio Lower Upper
79 100
108 76.0 59.5 89.3
77 61.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.240 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 45 Resp: 1043411
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.4
79 11.0 0.0 30.9

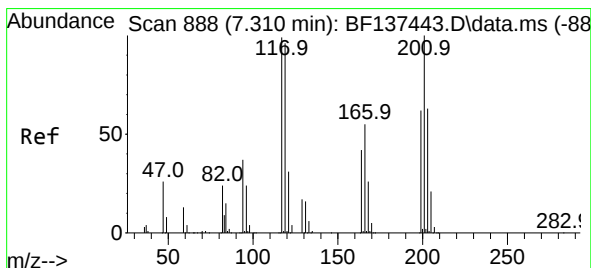
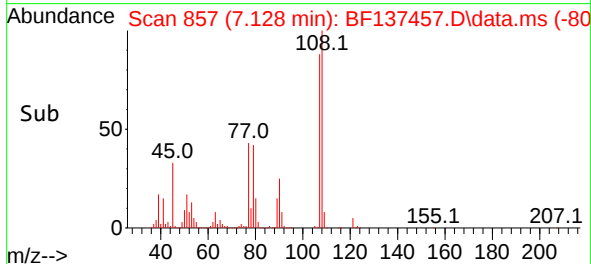
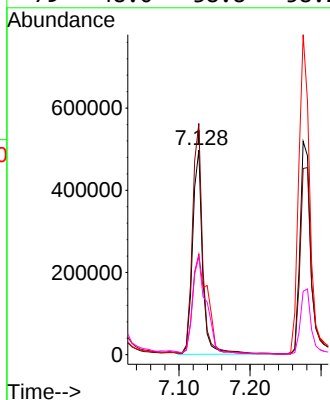
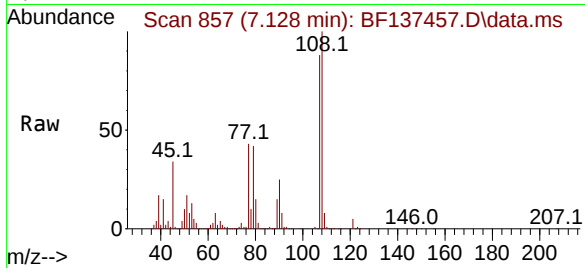




#17
2-Methylphenol
Concen: 40.208 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

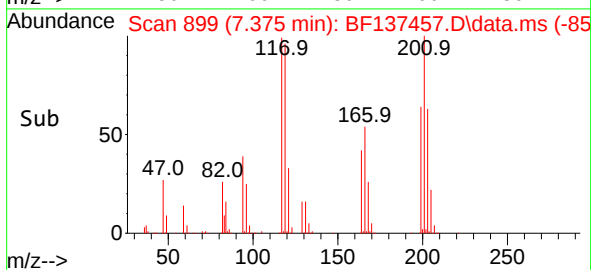
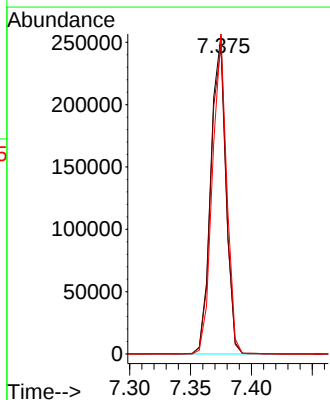
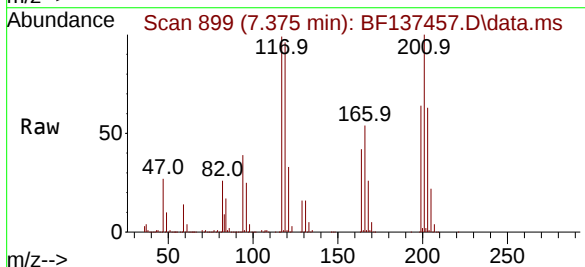
Instrument :
BNA_F
ClientSampleId :
294MSD

Tgt Ion:107 Resp: 489308
Ion Ratio Lower Upper
107 100
108 113.0 92.2 138.4
77 49.2 38.6 57.8
79 48.0 38.8 58.2



#18
Hexachloroethane
Concen: 47.285 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:117 Resp: 221380
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3
201 100.6 80.6 121.0



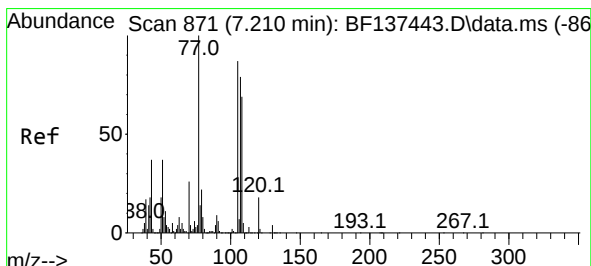
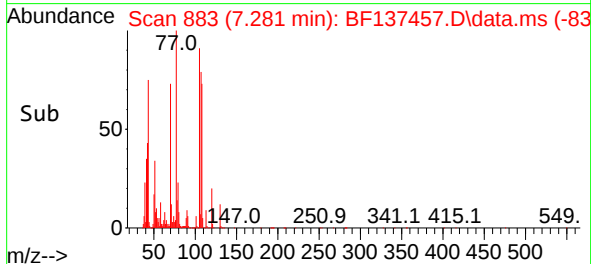
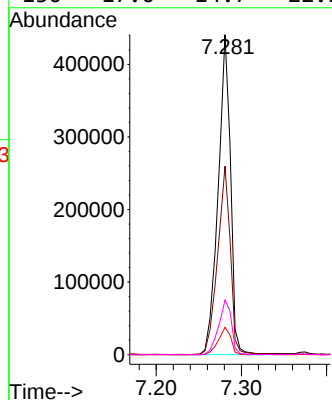
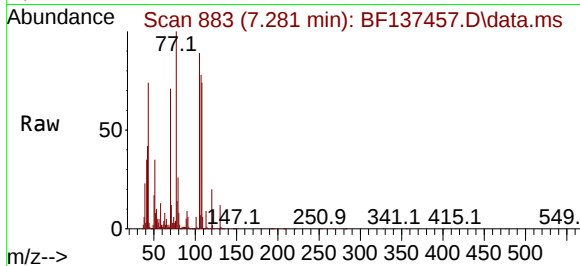


#19
n-Nitroso-di-n-propylamine
Concen: 40.780 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Instrument :
BNA_F
ClientSampleId :
294MSD

Tgt Ion: 70 Resp: 448196

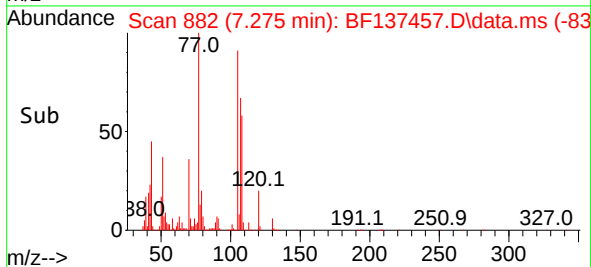
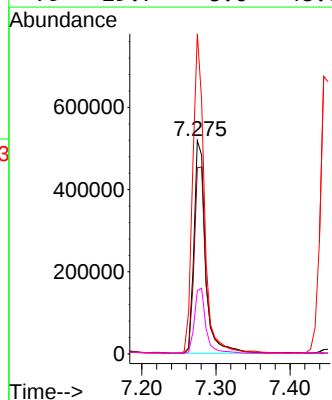
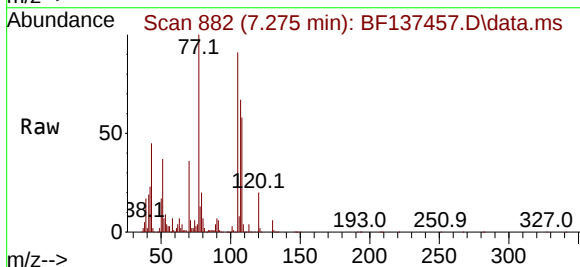
Ion	Ratio	Lower	Upper
70	100		
42	58.9	45.2	67.8
101	8.5	7.3	10.9
130	17.0	14.7	22.1

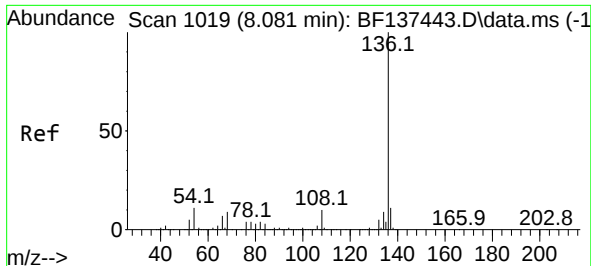


#20
3+4-Methylphenols
Concen: 40.132 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 107 Resp: 559334

Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.6	107.6
77	150.0	107.1	147.1#
79	29.7	8.6	48.6

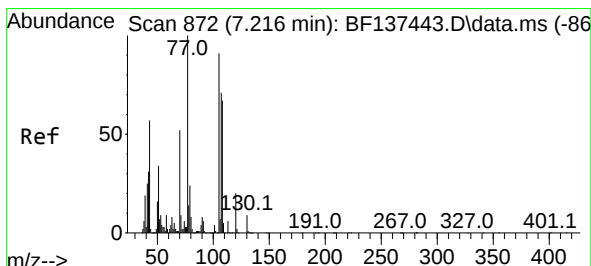
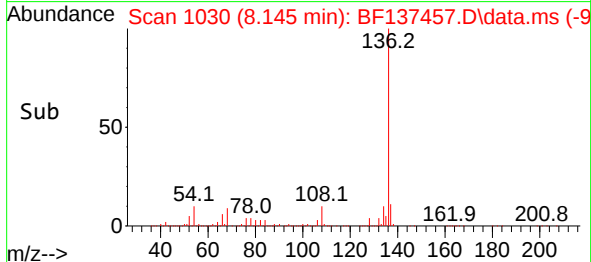
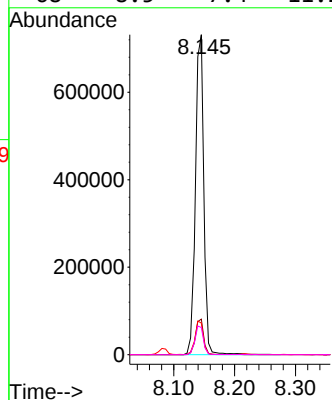
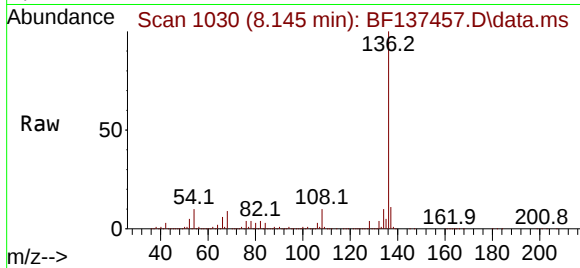




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

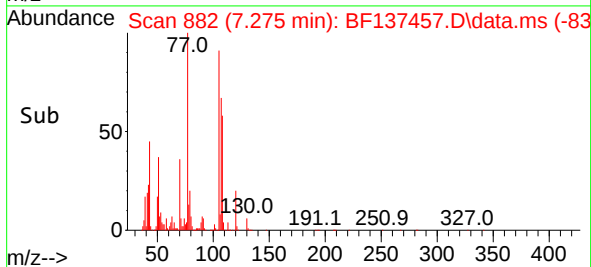
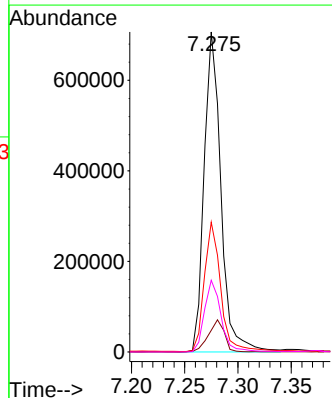
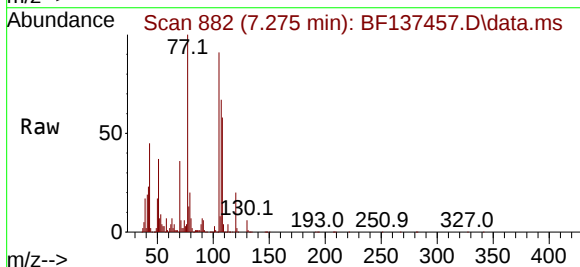
Instrument :
BNA_F
ClientSampleId :
294MSD

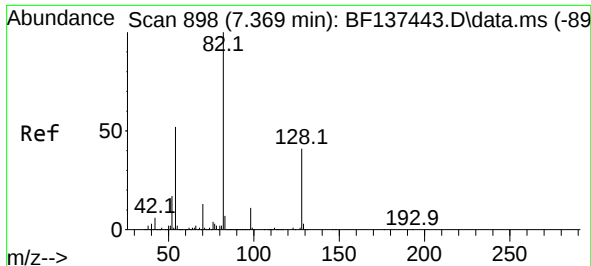
Tgt Ion:136 Resp: 699898
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.9 8.5 12.7
68 8.5 7.4 11.2



#22
Acetophenone
Concen: 45.991 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:105 Resp: 778832
Ion Ratio Lower Upper
105 100
71 6.8 7.7 11.5#
51 40.6 30.4 45.6
120 22.4 17.4 26.0

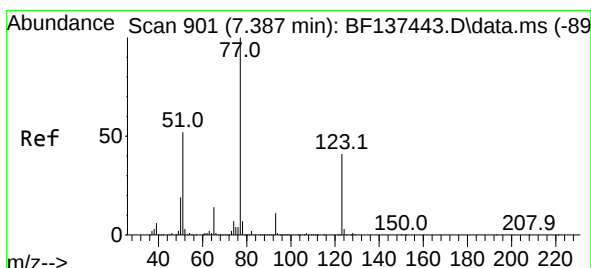
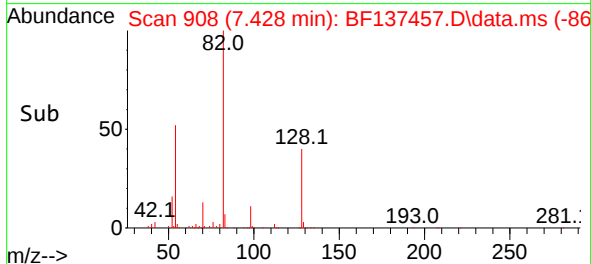
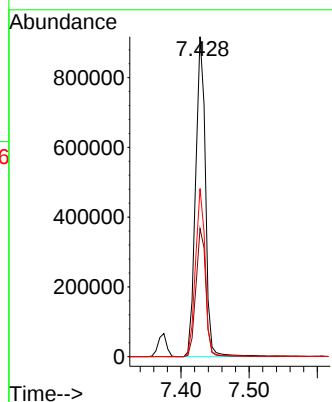
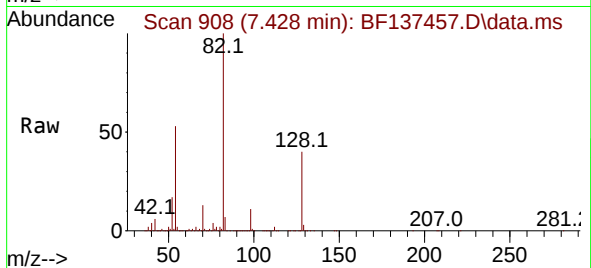




#23
Nitrobenzene-d5
Concen: 61.496 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

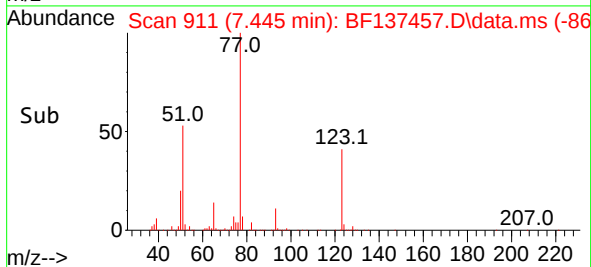
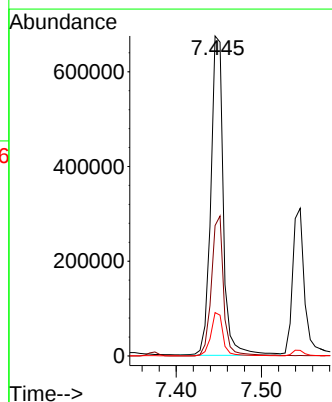
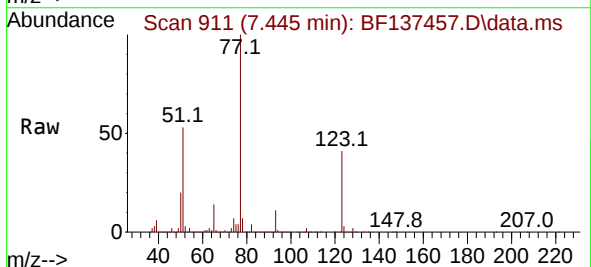
Instrument :
BNA_F
ClientSampleId :
294MSD

Tgt Ion: 82 Resp: 926321
Ion Ratio Lower Upper
82 100
128 40.0 32.5 48.7
54 52.5 41.5 62.3



#24
Nitrobenzene
Concen: 45.740 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 77 Resp: 692123
Ion Ratio Lower Upper
77 100
123 40.8 33.0 49.6
65 13.5 10.9 16.3

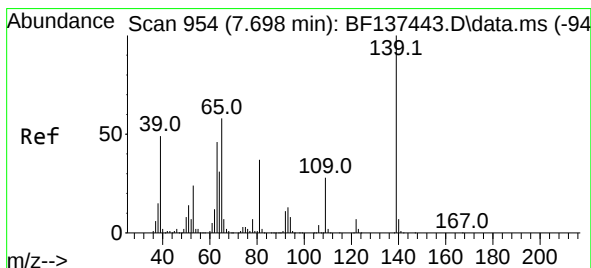
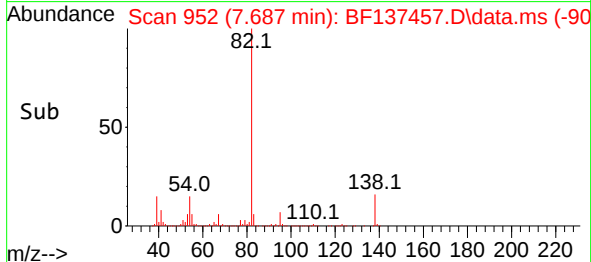
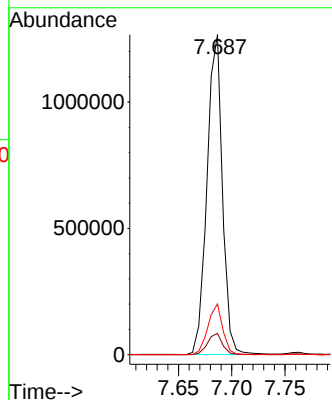
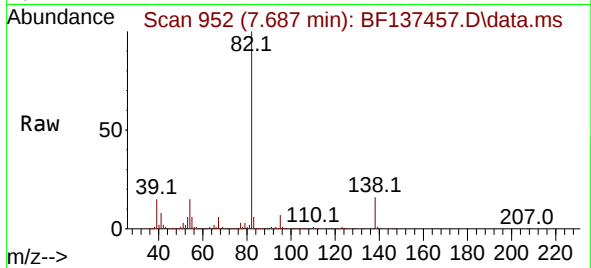




#25
Isophorone
Concen: 44.578 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

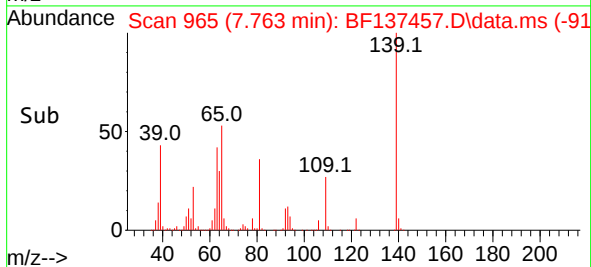
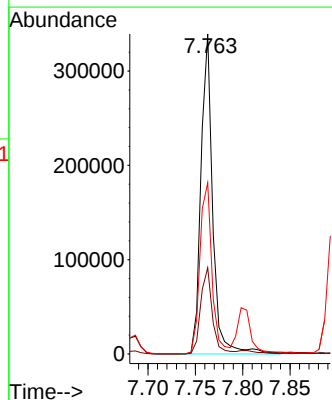
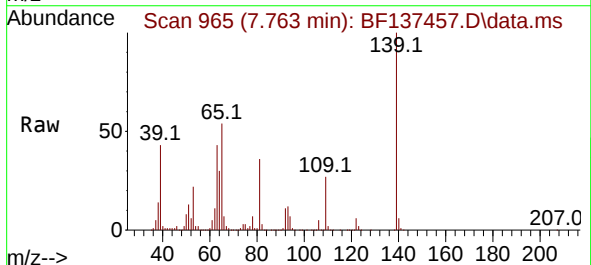
Instrument :
BNA_F
ClientSampleId :
294MSD

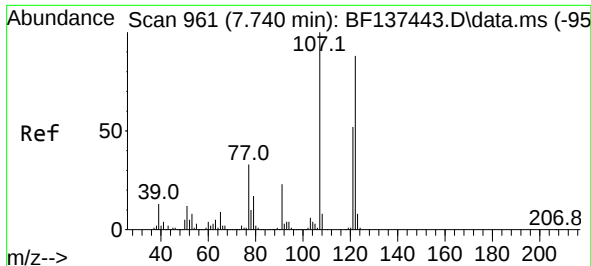
Tgt Ion: 82 Resp: 1275717
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.8 11.8 17.8



#26
2-Nitrophenol
Concen: 49.041 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:139 Resp: 294613
Ion Ratio Lower Upper
139 100
109 26.9 22.2 33.4
65 53.5 46.2 69.2

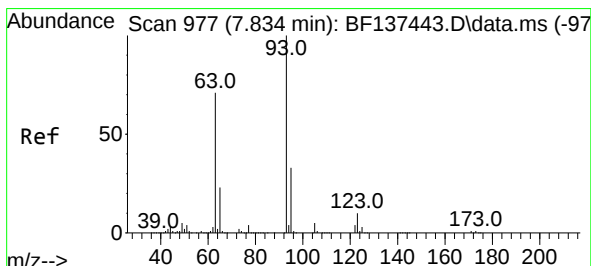
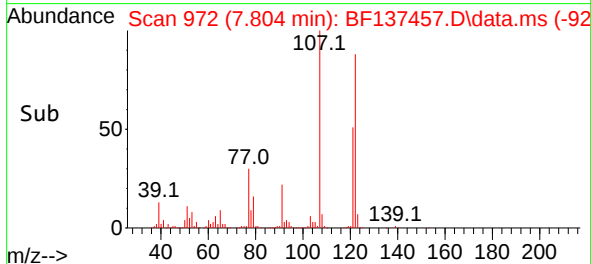
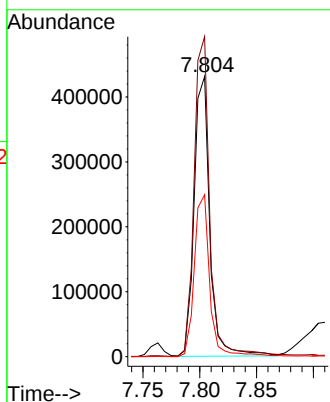
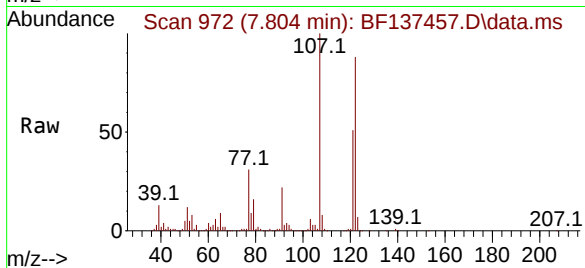




#27
2,4-Dimethylphenol
Concen: 36.840 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

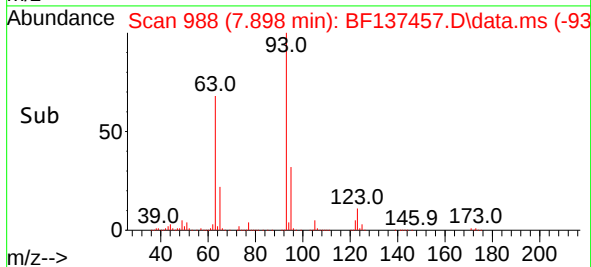
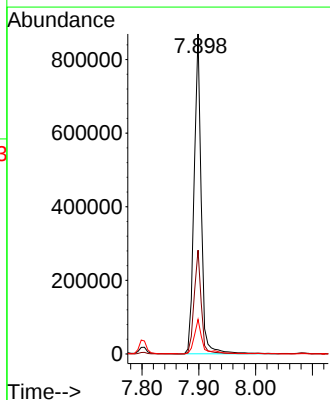
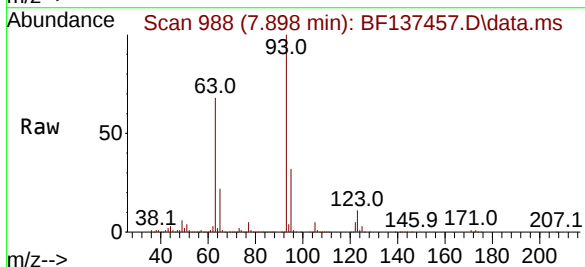
Instrument :
BNA_F
ClientSampleId :
294MSD

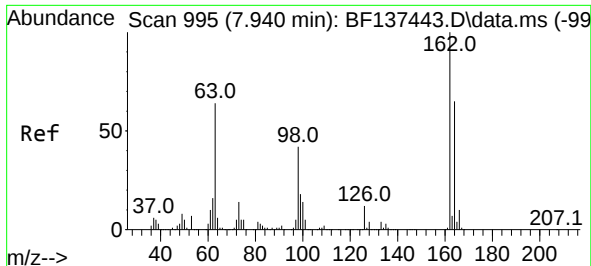
Tgt Ion:122 Resp: 413538
Ion Ratio Lower Upper
122 100
107 114.2 90.9 136.3
121 57.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.405 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 93 Resp: 762382
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.104 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

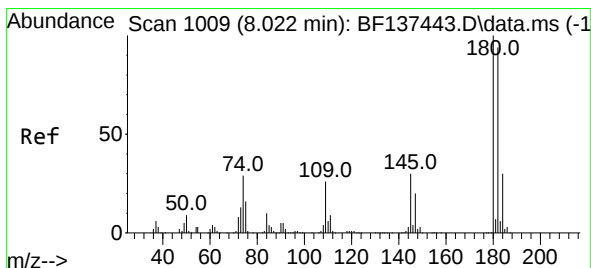
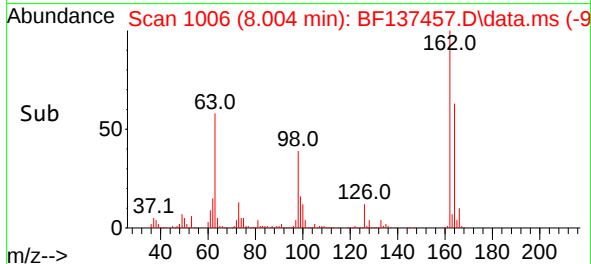
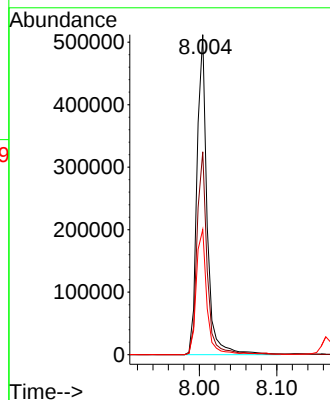
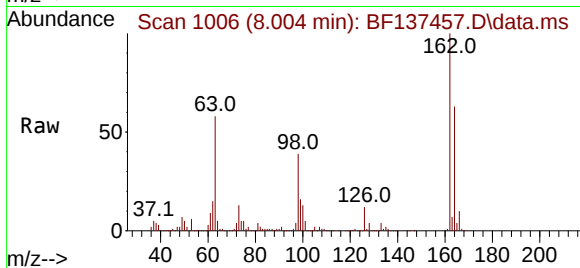
Tgt Ion:162 Resp: 464675

Ion Ratio Lower Upper

162 100

164 63.4 44.7 84.7

98 39.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 47.011 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

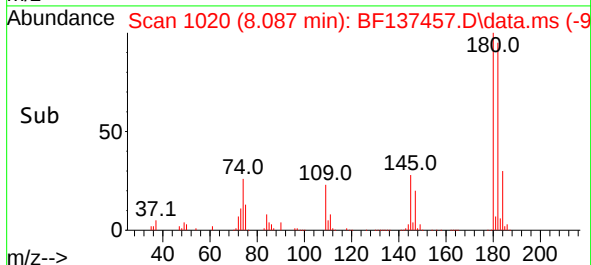
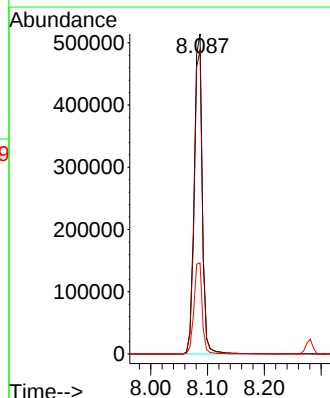
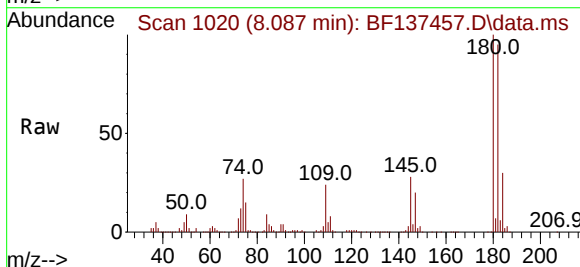
Tgt Ion:180 Resp: 509666

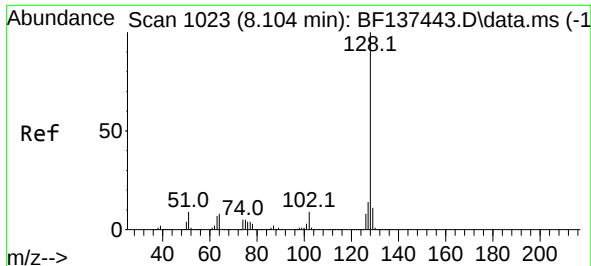
Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.6

145 28.5 23.7 35.5

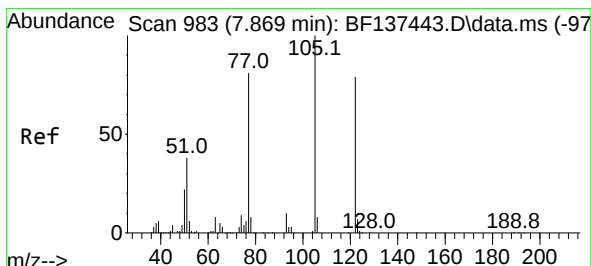
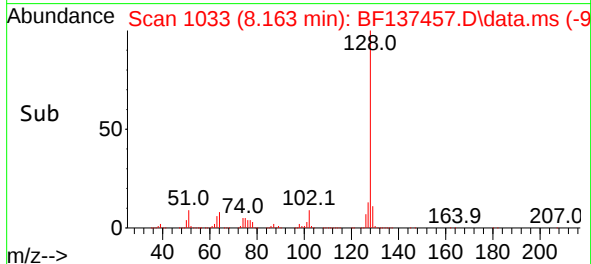
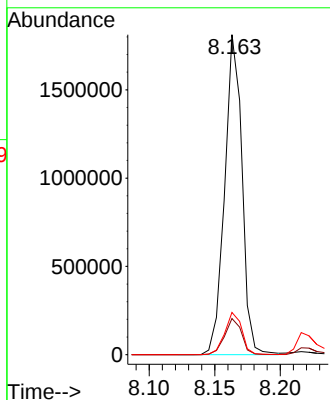
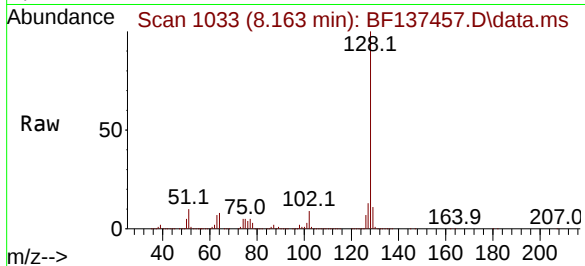




#31
Naphthalene
Concen: 44.404 ng
RT: 8.163 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

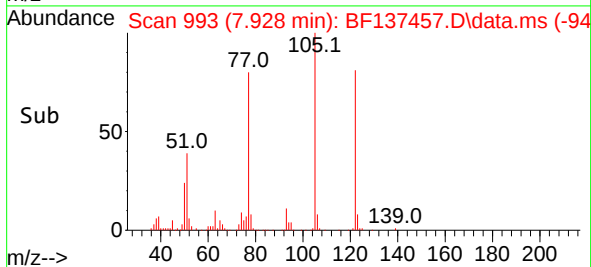
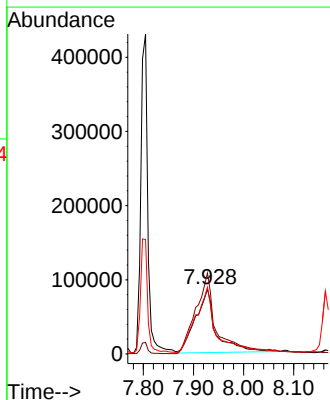
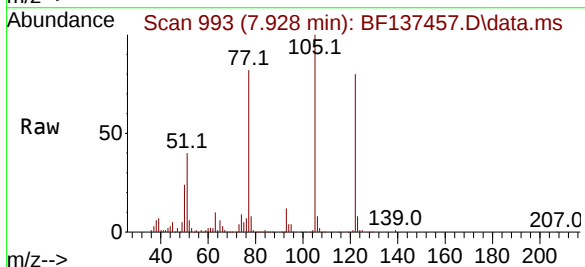
Instrument :
BNA_F
ClientSampleId :
294MSD

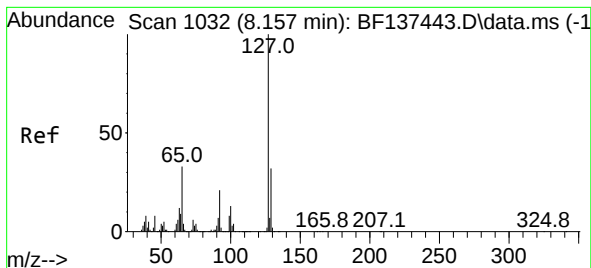
Tgt Ion:128 Resp: 1667475
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 38.902 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:122 Resp: 242593
Ion Ratio Lower Upper
122 100
105 124.5 102.4 142.4
77 102.7 81.1 121.1





#33

4-Chloroaniline

Concen: 11.482 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

Tgt Ion:127 Resp: 169065

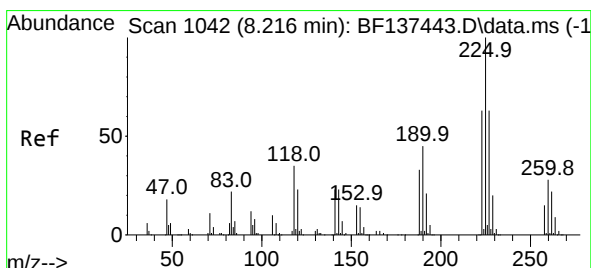
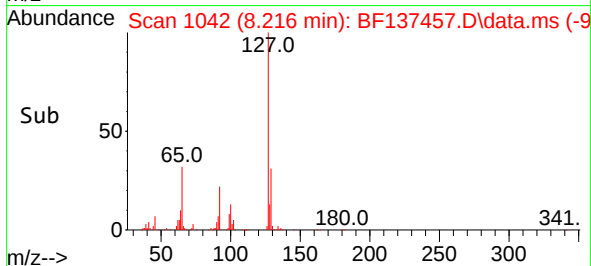
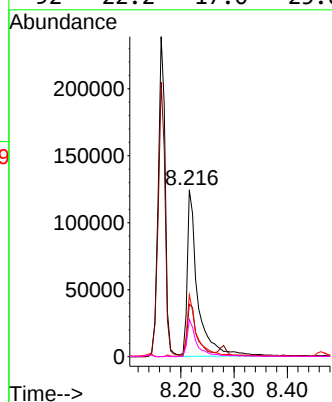
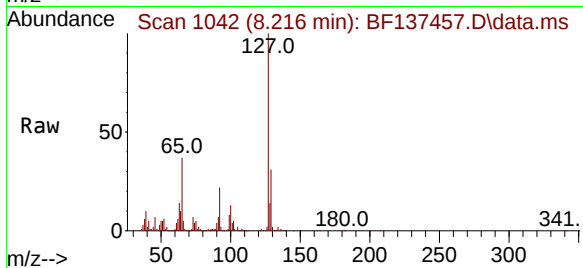
Ion Ratio Lower Upper

127 100

129 31.4 26.0 39.0

65 37.1 26.8 40.2

92 22.2 17.0 25.6



#34

Hexachlorobutadiene

Concen: 46.806 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

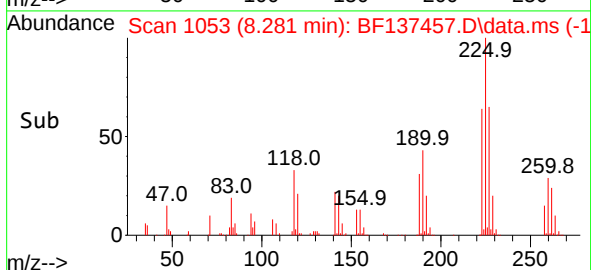
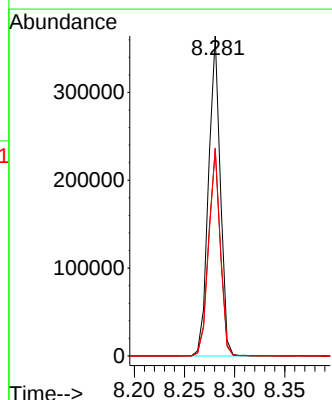
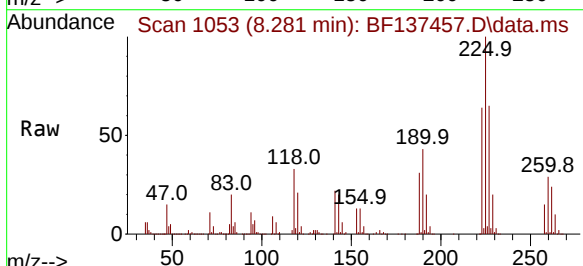
Tgt Ion:225 Resp: 299586

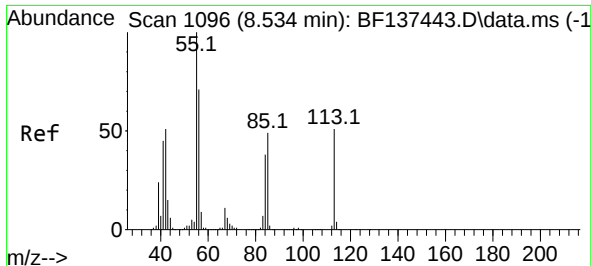
Ion Ratio Lower Upper

225 100

223 64.4 50.7 76.1

227 65.0 50.6 75.8

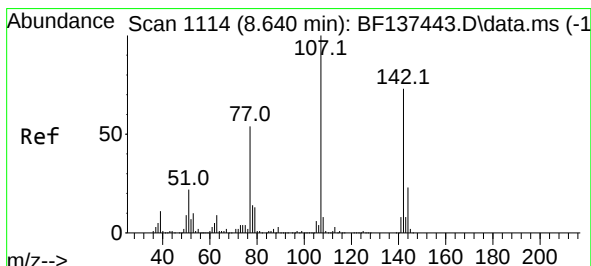
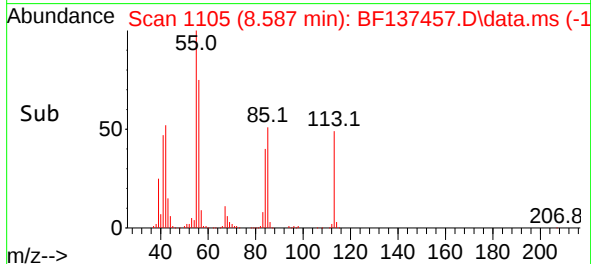
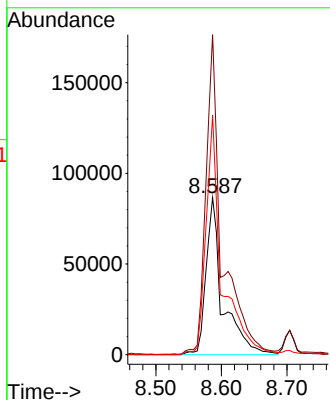
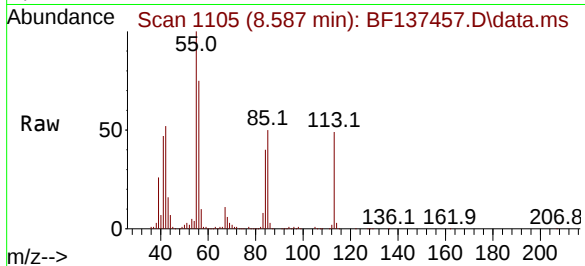




#35
 Caprolactam
 Concen: 43.748 ng
 RT: 8.587 min Scan# 1105
 Delta R.T. -0.023 min
 Lab File: BF137457.D
 Acq: 01 Mar 2024 14:16

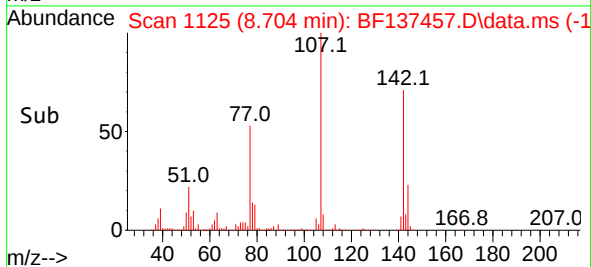
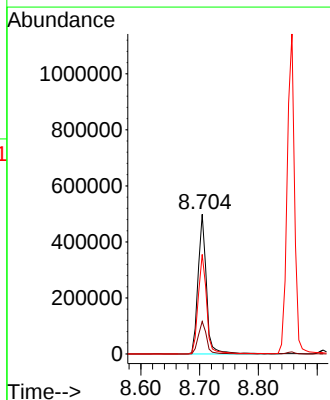
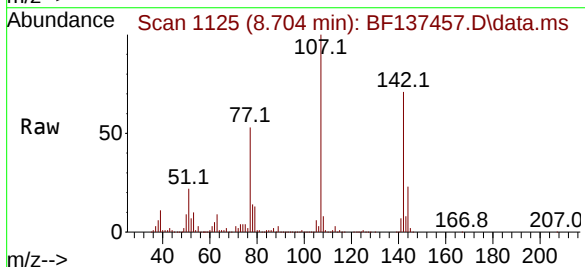
Instrument :
 BNA_F
 ClientSampleId :
 294MSD

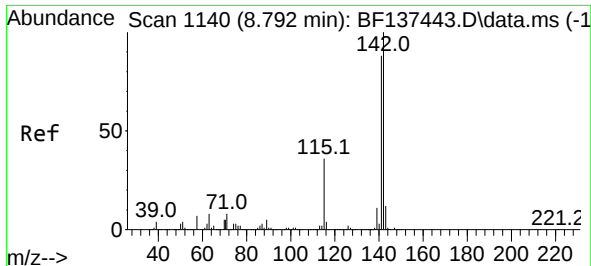
Tgt Ion:113 Resp: 152827
 Ion Ratio Lower Upper
 113 100
 55 203.6 176.7 216.7
 56 152.4 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.663 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF137457.D
 Acq: 01 Mar 2024 14:16

Tgt Ion:107 Resp: 491301
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.7 28.1
 142 71.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.638 ng

RT: 8.857 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

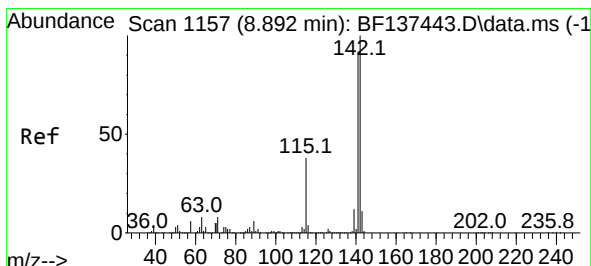
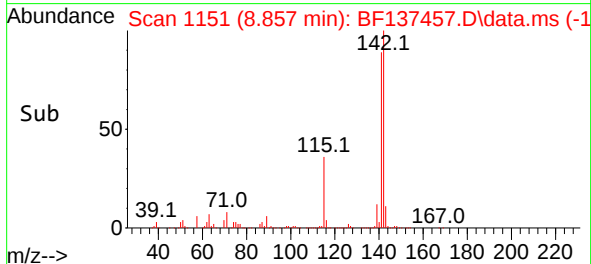
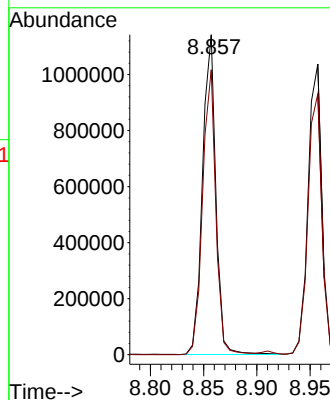
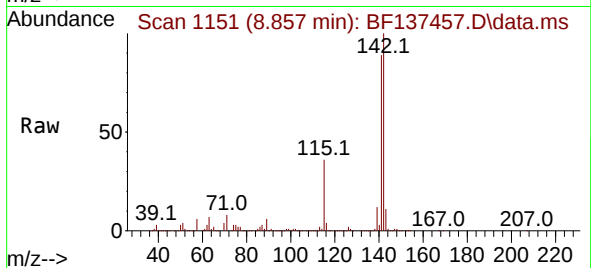
294MSD

Tgt Ion:142 Resp: 996779

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 40.959 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.012 min

Lab File: BF137457.D

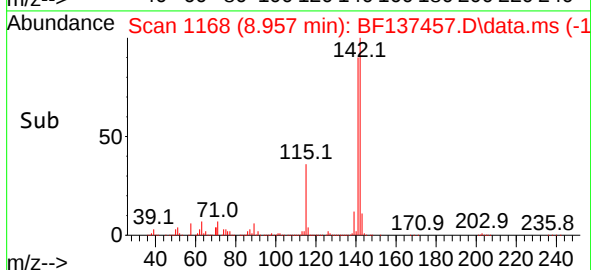
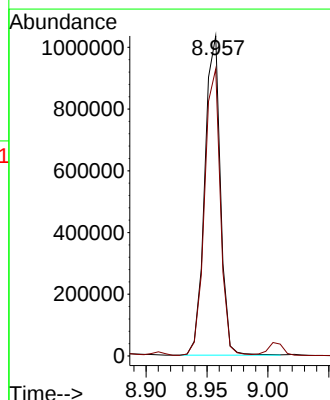
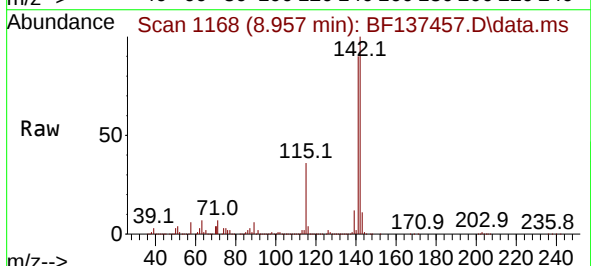
Acq: 01 Mar 2024 14:16

Tgt Ion:142 Resp: 923401

Ion Ratio Lower Upper

142 100

141 89.7 73.4 110.2

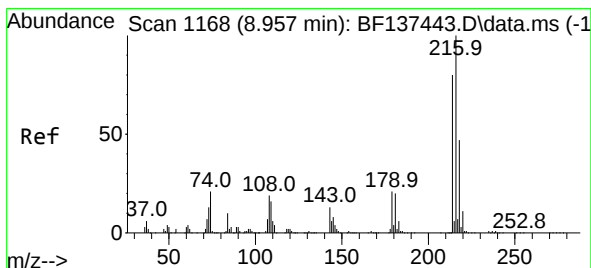
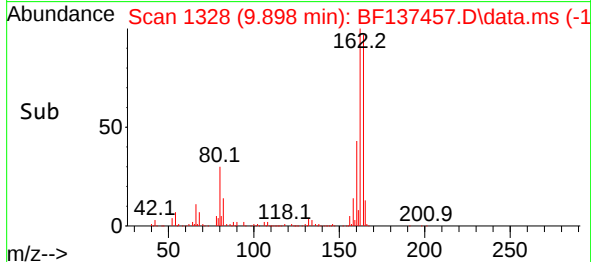
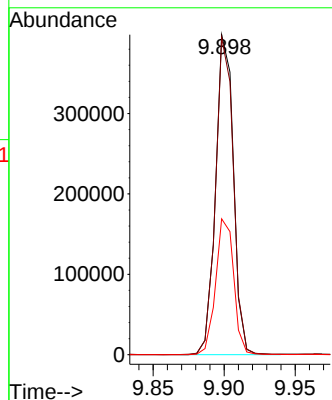
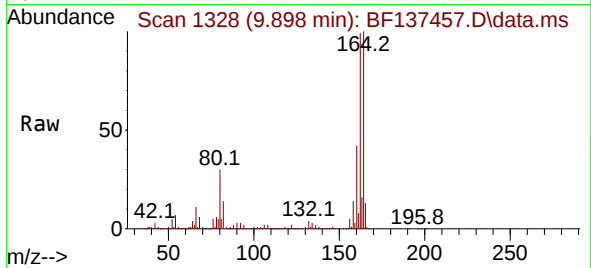




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1179
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

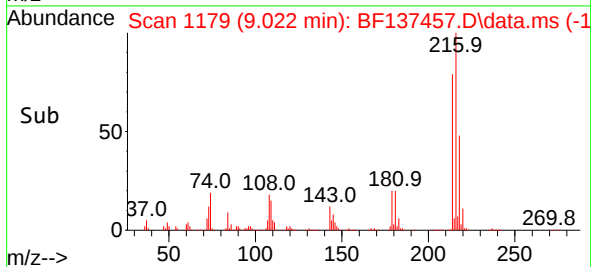
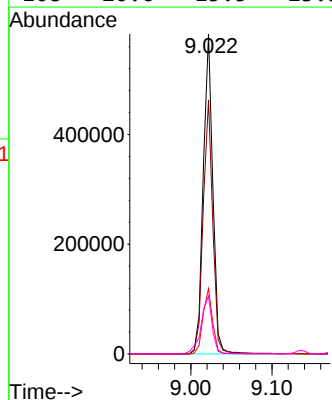
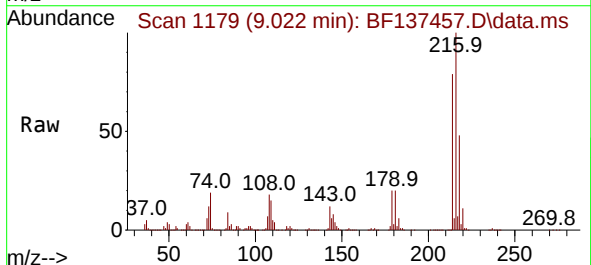
Instrument :
BNA_F
ClientSampleId :
294MSD

Tgt Ion:164 Resp: 347814
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 42.4 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.434 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

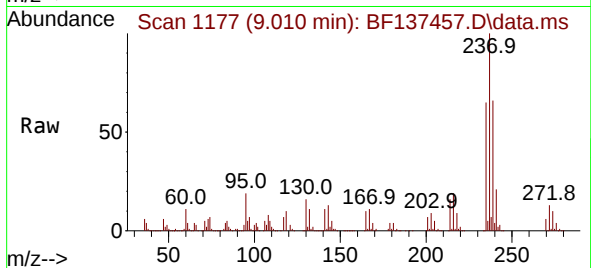
Tgt Ion:216 Resp: 480007
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 20.4 16.6 25.0
108 20.6 15.5 23.3



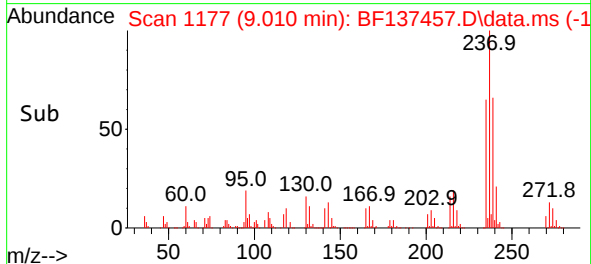
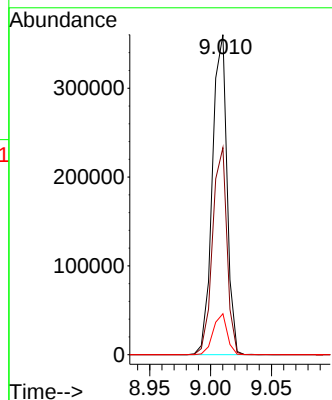


#41
Hexachlorocyclopentadiene
Concen: 76.433 ng
RT: 9.010 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Instrument :
BNA_F
ClientSampleId :
294MSD

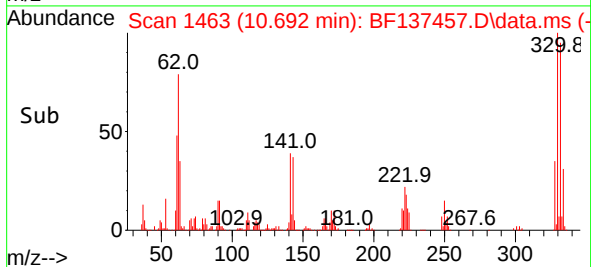
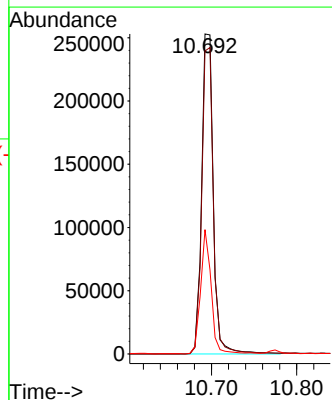
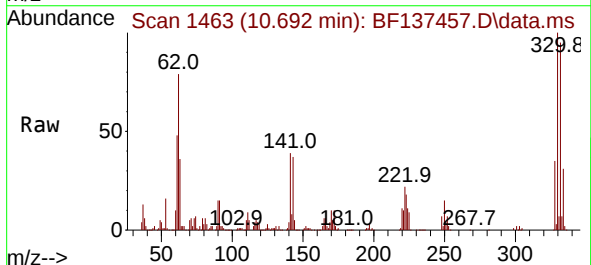


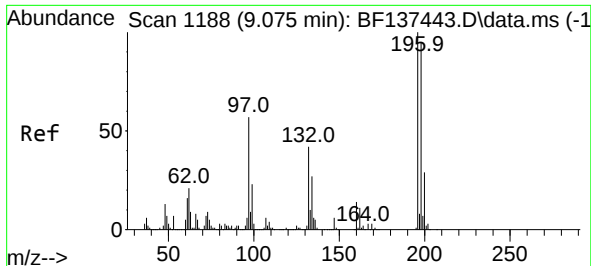
Tgt Ion:237 Resp: 301252
Ion Ratio Lower Upper
237 100
235 64.7 43.6 83.6
272 12.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 78.632 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:330 Resp: 240174
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 35.5 27.3 40.9

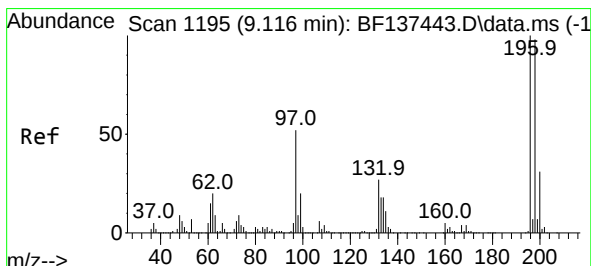
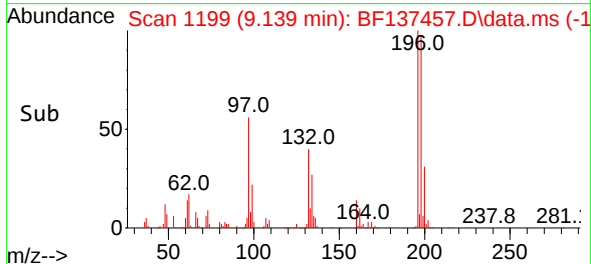
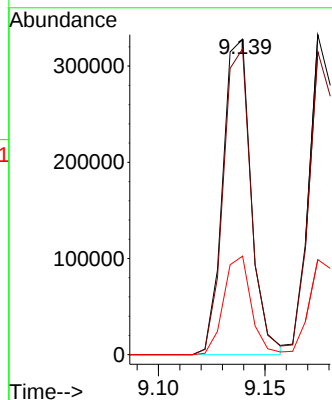
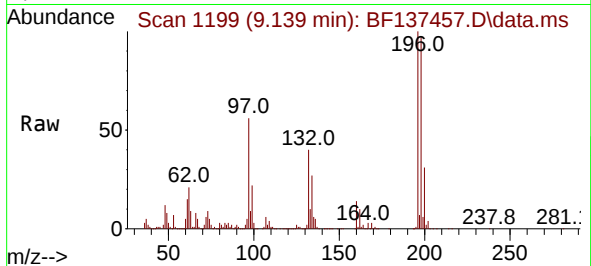




#43
2,4,6-Trichlorophenol
Concen: 47.986 ng
RT: 9.139 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

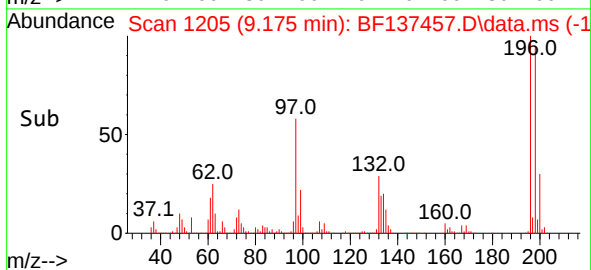
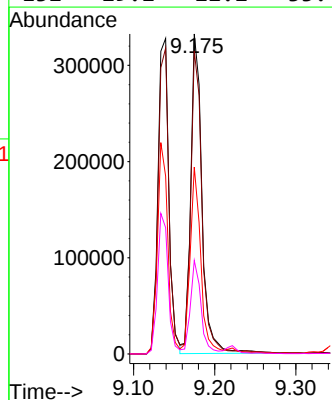
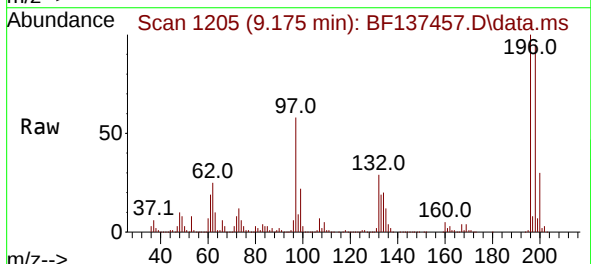
Instrument :
BNA_F
ClientSampleId :
294MSD

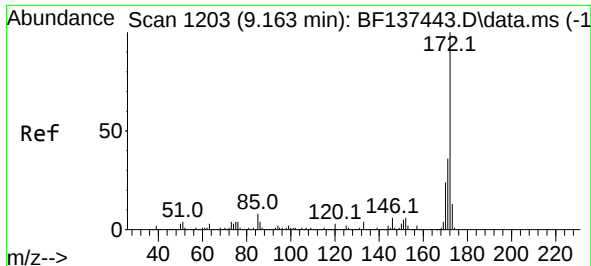
Tgt Ion:196 Resp: 303429
Ion Ratio Lower Upper
196 100
198 97.0 75.8 113.8
200 31.2 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 44.244 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:196 Resp: 322274
Ion Ratio Lower Upper
196 100
198 94.7 78.6 117.8
97 58.4 41.8 62.8
132 29.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 64.398 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

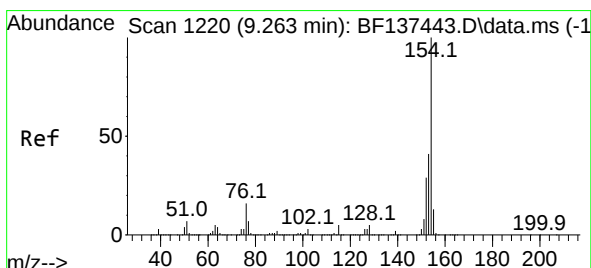
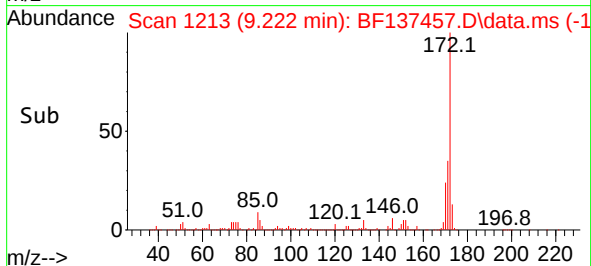
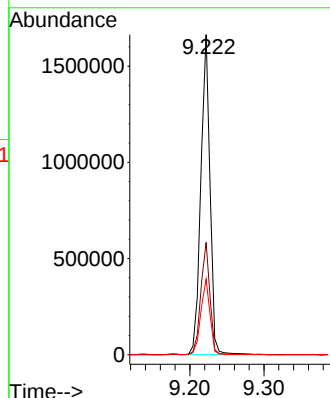
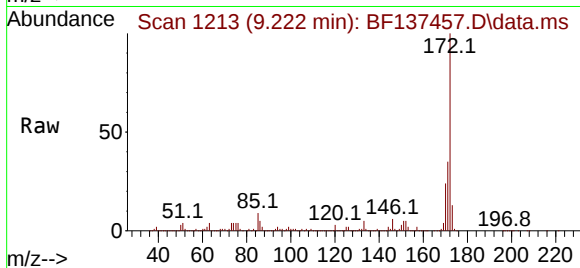
Tgt Ion:172 Resp: 1430887

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.529 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

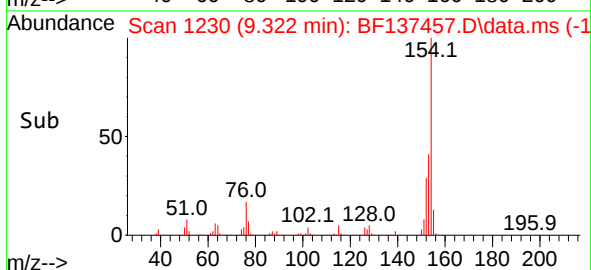
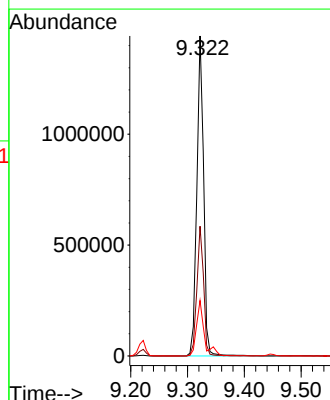
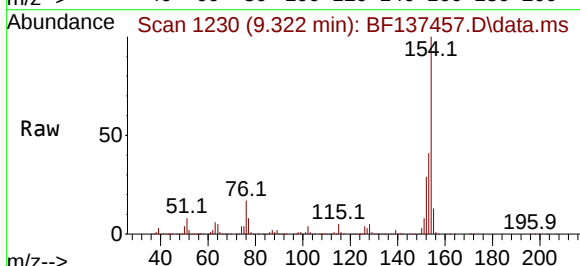
Tgt Ion:154 Resp: 1209940

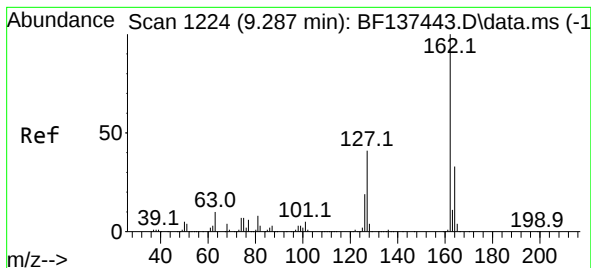
Ion Ratio Lower Upper

154 100

153 40.5 21.0 61.0

76 17.4 0.0 35.8





#47

2-Chloronaphthalene

Concen: 48.162 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

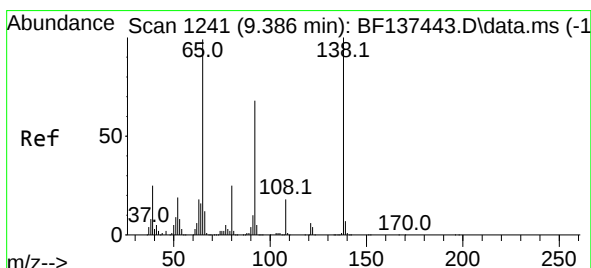
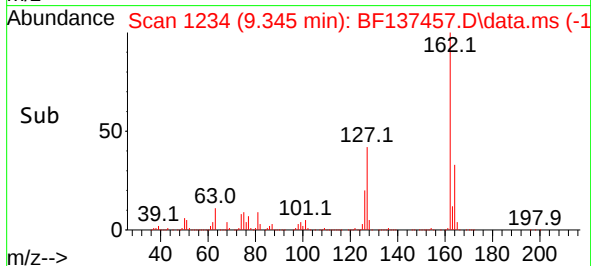
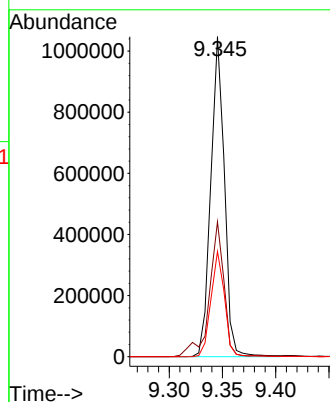
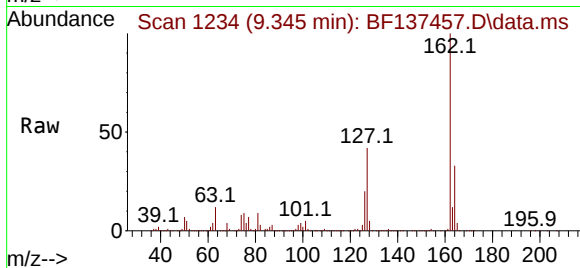
Tgt Ion:162 Resp: 934775

Ion Ratio Lower Upper

162 100

127 42.1 32.6 49.0

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 45.902 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.018 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

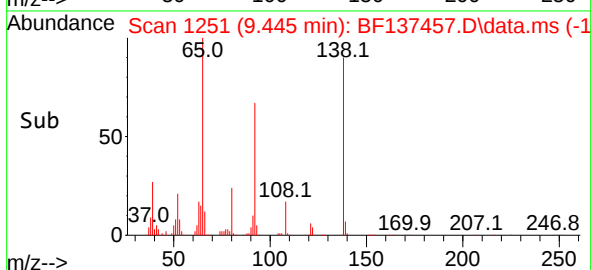
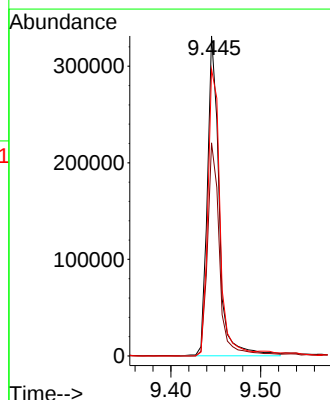
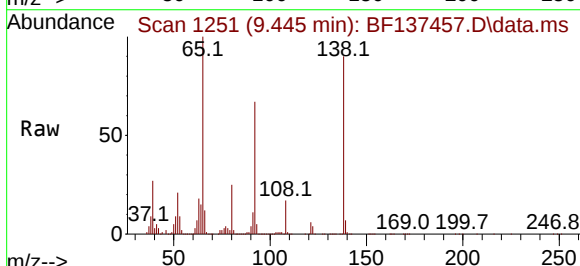
Tgt Ion: 65 Resp: 302807

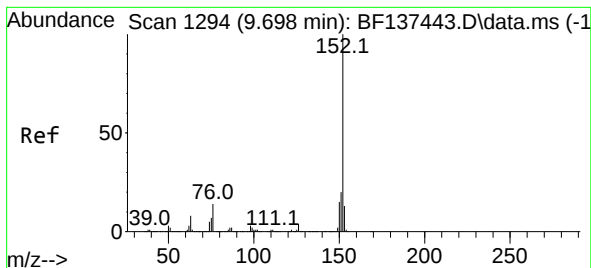
Ion Ratio Lower Upper

65 100

92 66.6 55.4 83.2

138 89.6 81.0 121.6





#49

Acenaphthylene

Concen: 46.853 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

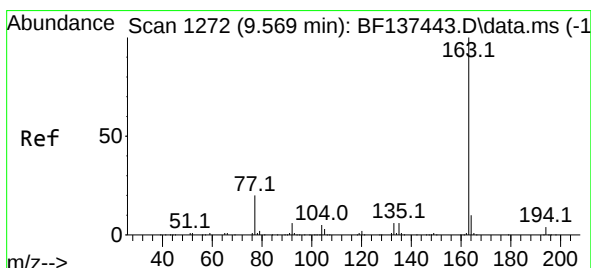
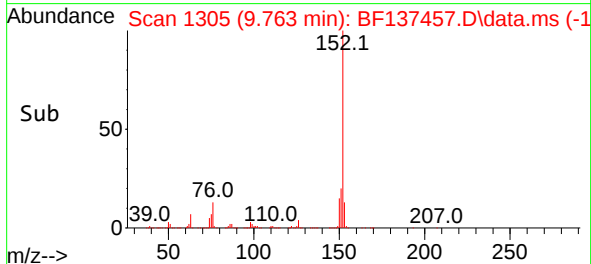
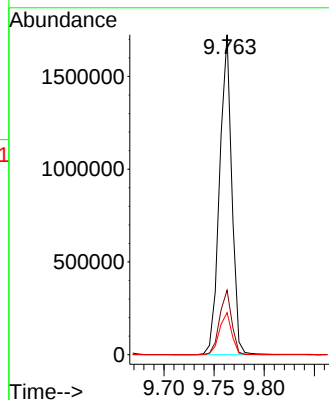
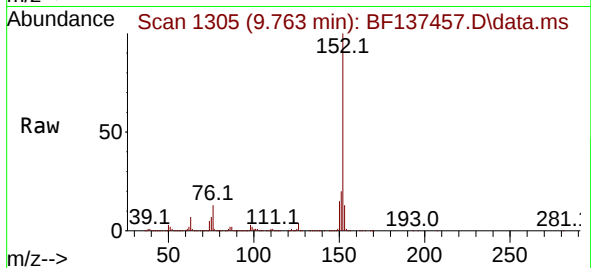
Tgt Ion:152 Resp: 1455288

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 46.143 ng

RT: 9.628 min Scan# 1282

Delta R.T. -0.018 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

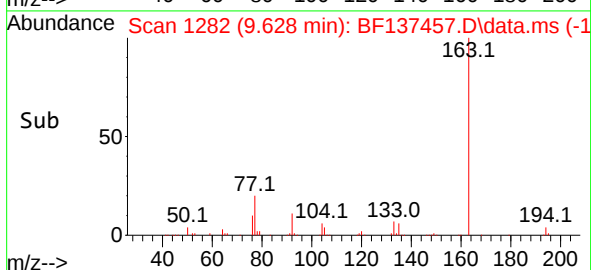
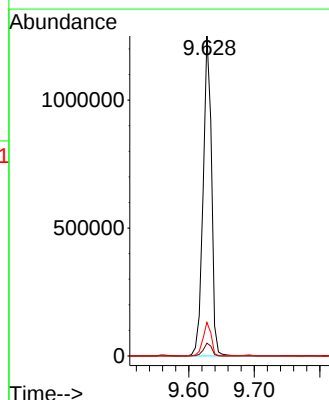
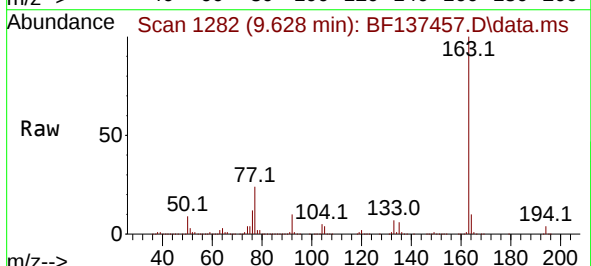
Tgt Ion:163 Resp: 1117198

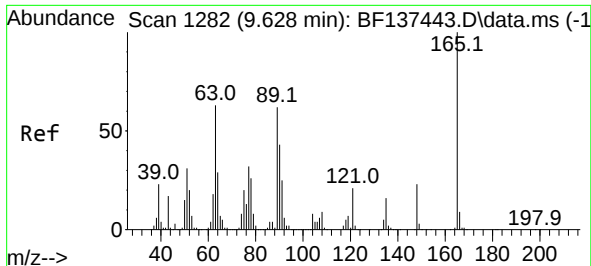
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.1 12.1

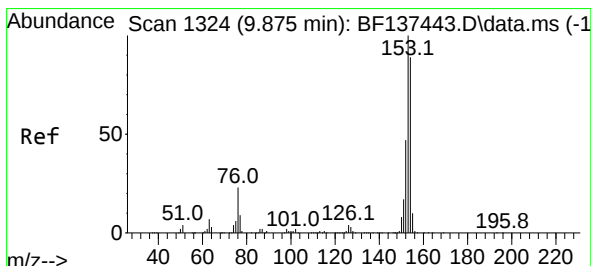
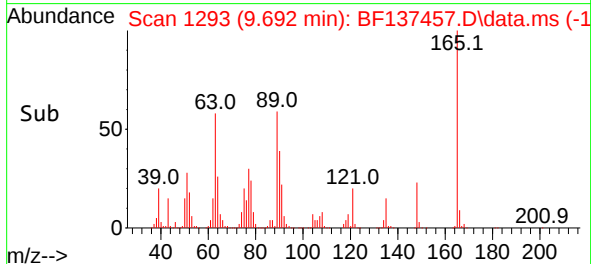
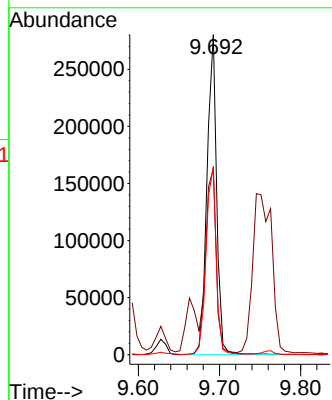
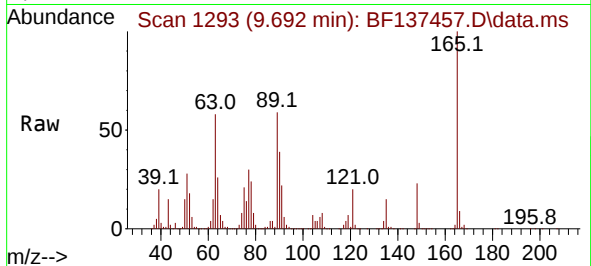




#51
2,6-Dinitrotoluene
Concen: 45.570 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

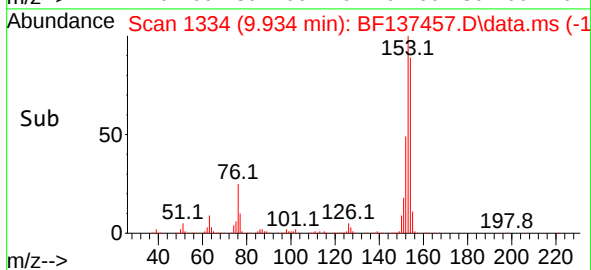
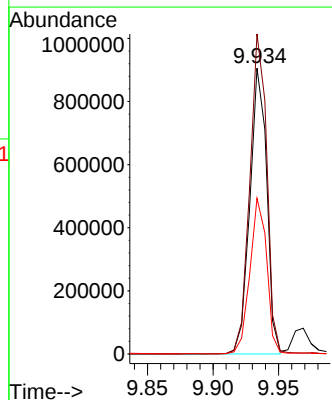
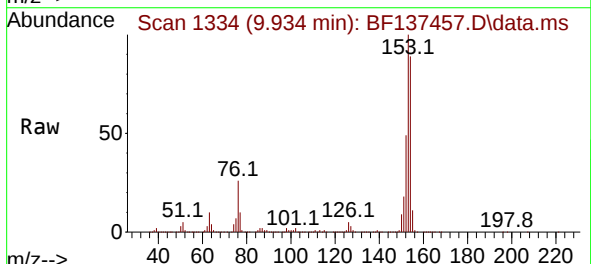
Instrument :
BNA_F
ClientSampleId :
294MSD

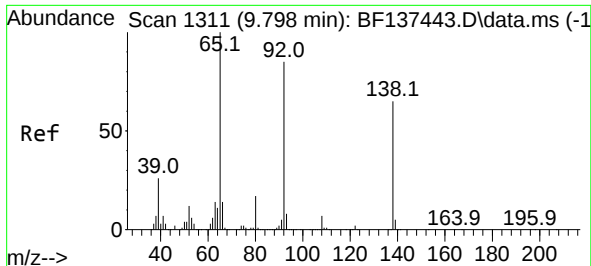
Tgt Ion:165 Resp: 230776
Ion Ratio Lower Upper
165 100
63 58.2 50.7 76.1
89 58.7 50.0 75.0



#52
Acenaphthene
Concen: 43.528 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:154 Resp: 807162
Ion Ratio Lower Upper
154 100
153 112.0 90.3 135.5
152 54.5 42.7 64.1

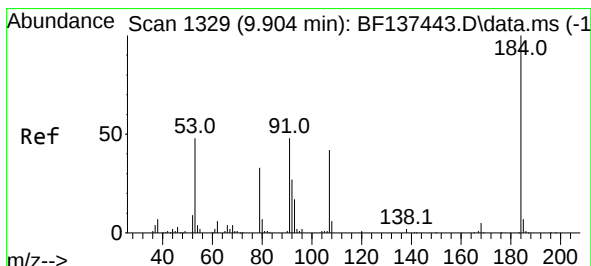
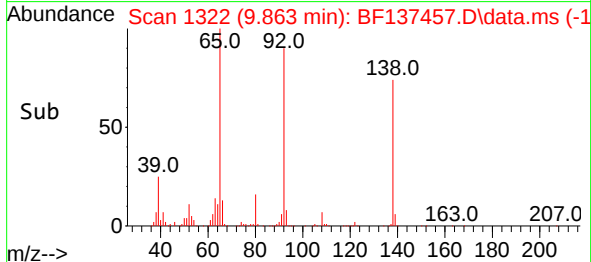
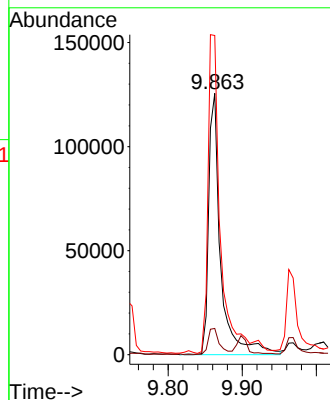
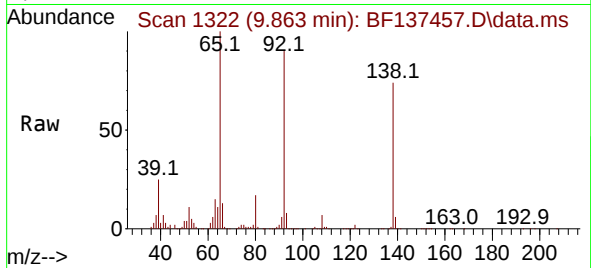




#53
3-Nitroaniline
Concen: 26.470 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

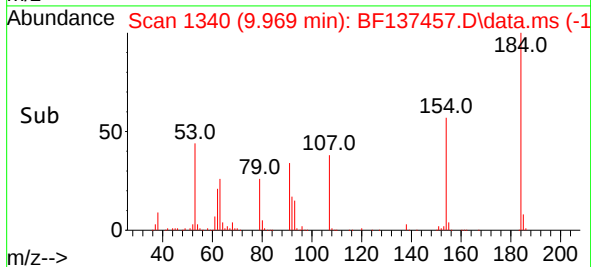
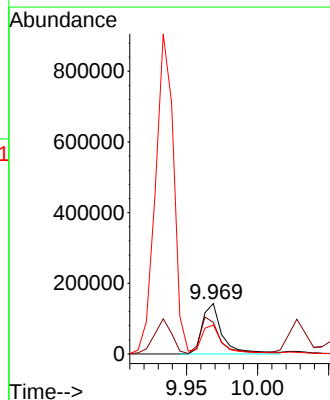
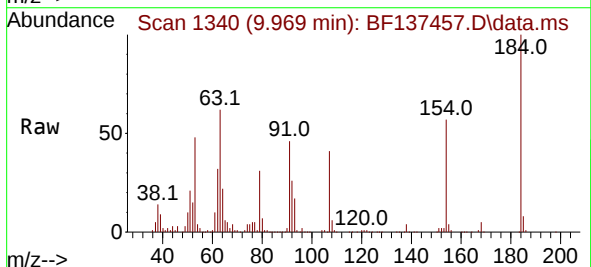
Instrument :
BNA_F
ClientSampleId :
294MSD

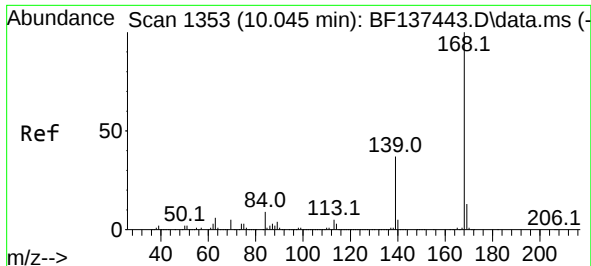
Tgt Ion:138 Resp: 141786
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 122.2 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 58.950 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:184 Resp: 139649
Ion Ratio Lower Upper
184 100
63 62.3 53.3 79.9
154 57.3 47.4 71.0

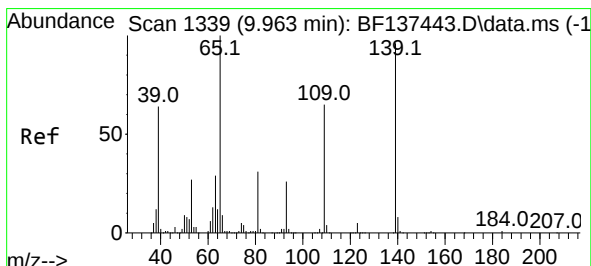
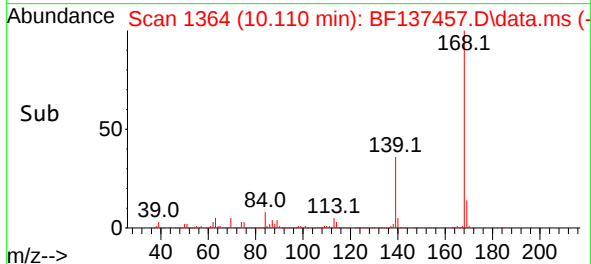
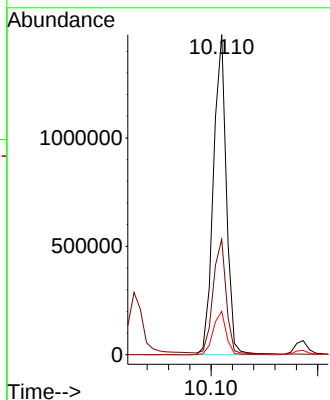
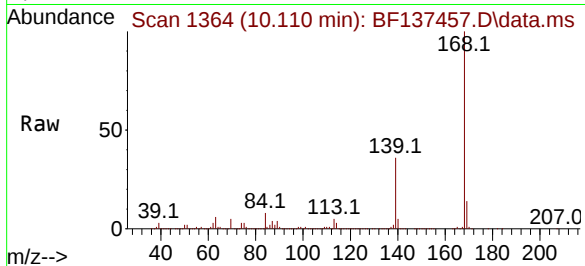




#55
Dibenzenofuran
Concen: 43.901 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

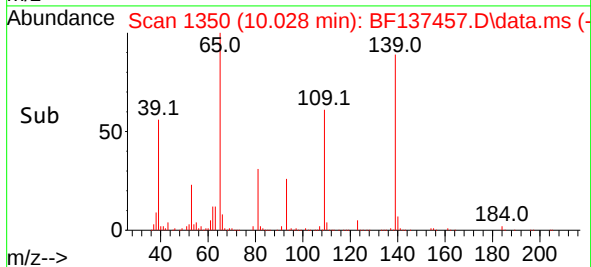
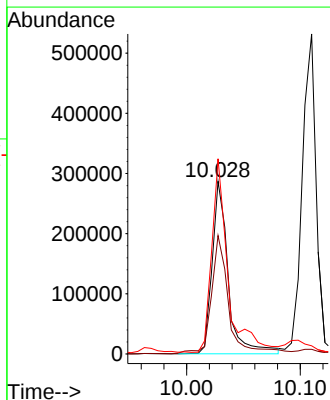
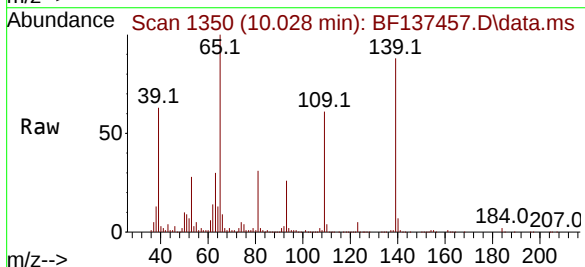
Instrument :
BNA_F
ClientSampleId :
294MSD

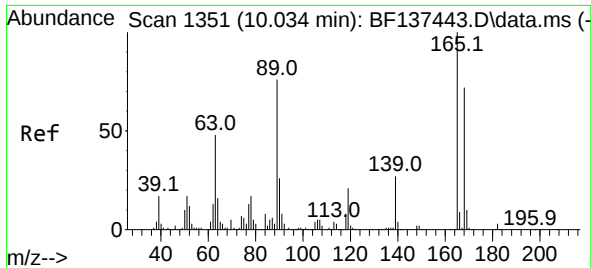
Tgt Ion:168 Resp: 1239900
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 74.200 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:139 Resp: 281447
Ion Ratio Lower Upper
139 100
109 68.6 47.1 87.1
65 113.1 85.1 125.1

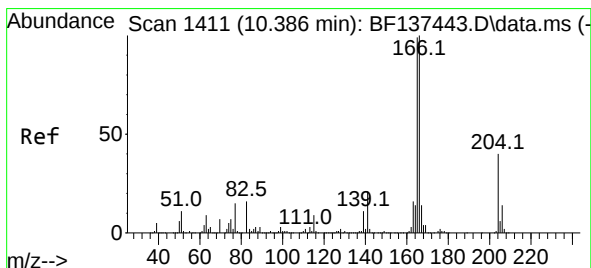
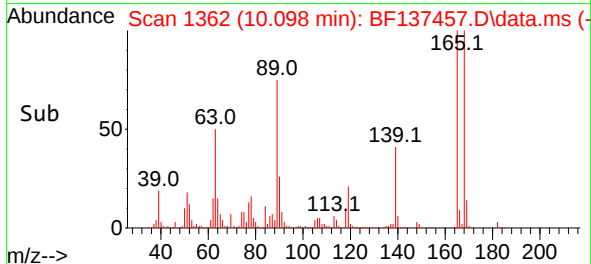
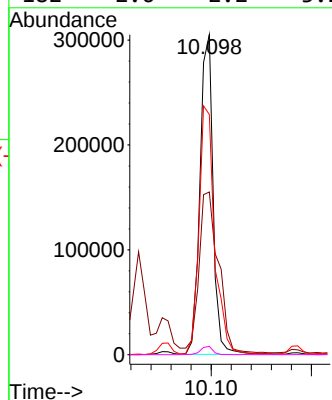
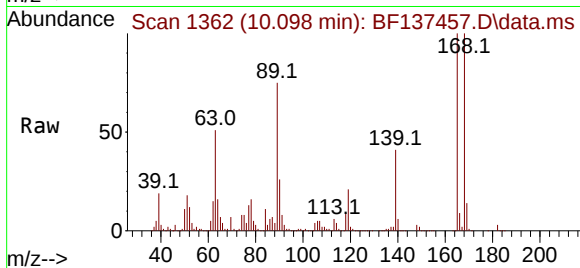




#57
2,4-Dinitrotoluene
Concen: 44.717 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

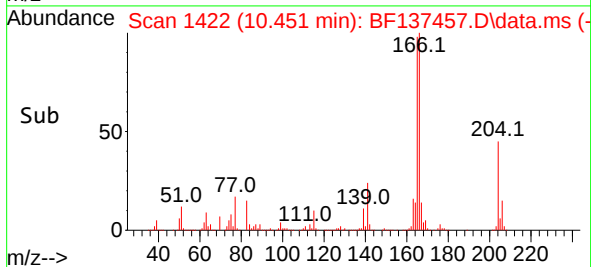
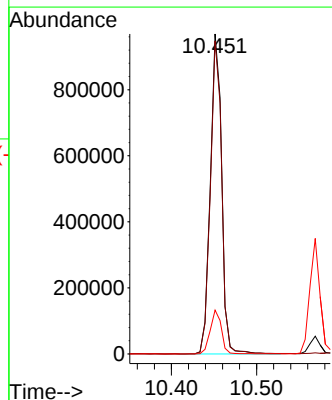
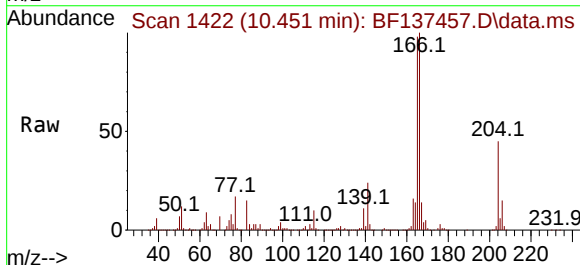
Instrument :
BNA_F
ClientSampleId :
294MSD

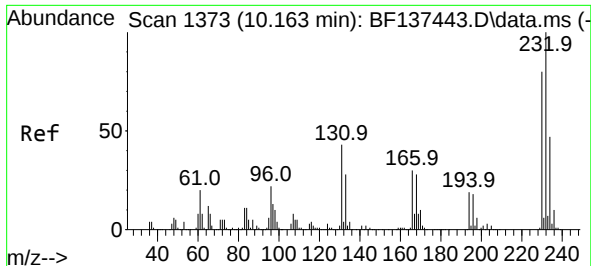
Tgt Ion:165 Resp: 278219
Ion Ratio Lower Upper
165 100
63 50.9 39.0 58.6
89 75.1 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.169 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:166 Resp: 892969
Ion Ratio Lower Upper
166 100
165 97.9 79.2 118.8
167 13.7 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.534 ng

RT: 10.186 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

Tgt Ion:232 Resp: 242606

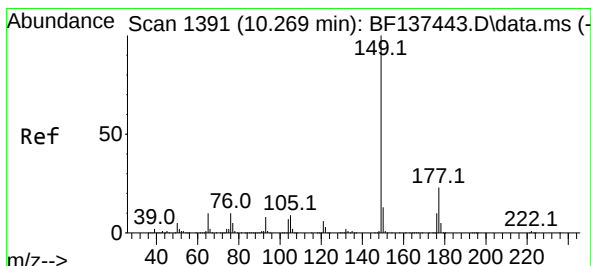
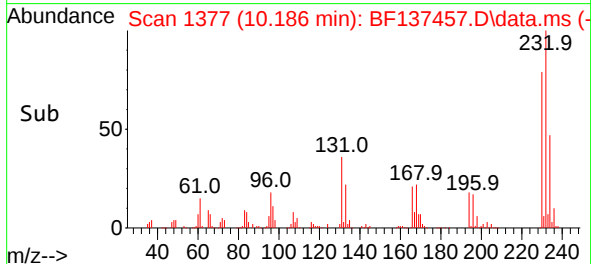
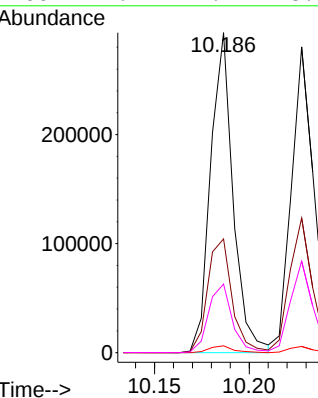
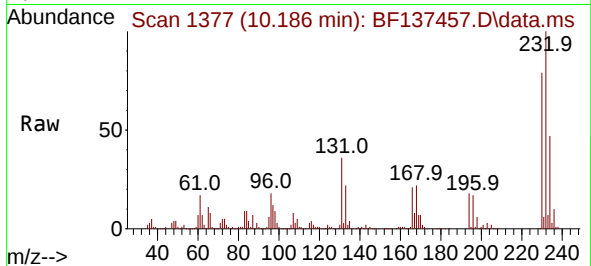
Ion Ratio Lower Upper

232 100

131 38.7 31.2 46.8

130 2.3 1.8 2.6

166 22.7 19.1 28.7



#60

Diethylphthalate

Concen: 44.799 ng

RT: 10.334 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

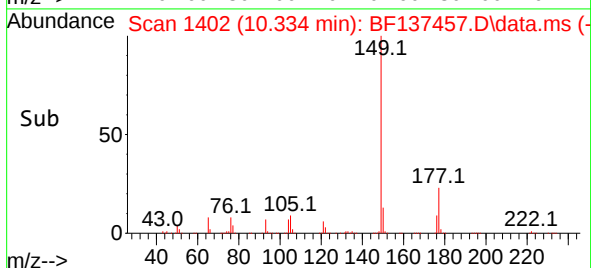
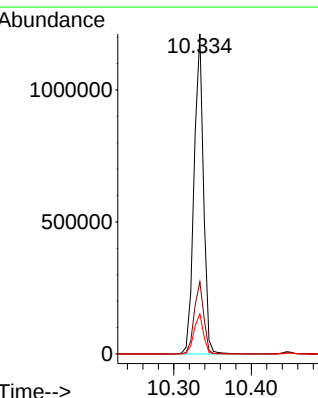
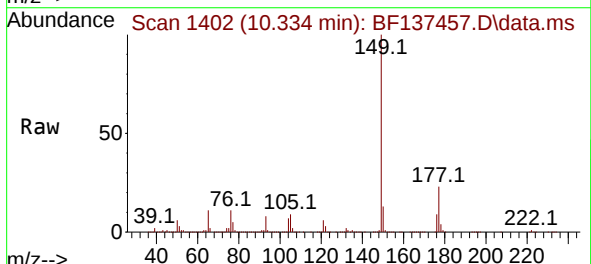
Tgt Ion:149 Resp: 1024278

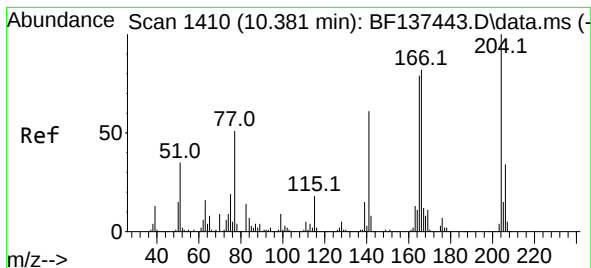
Ion Ratio Lower Upper

149 100

177 22.5 18.7 28.1

150 12.5 10.2 15.4

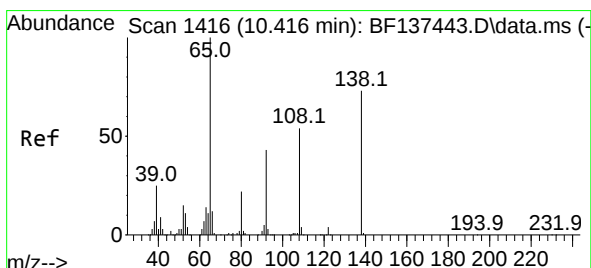
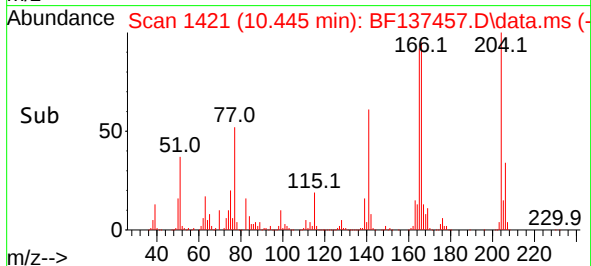
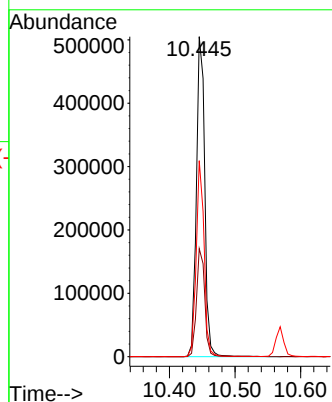
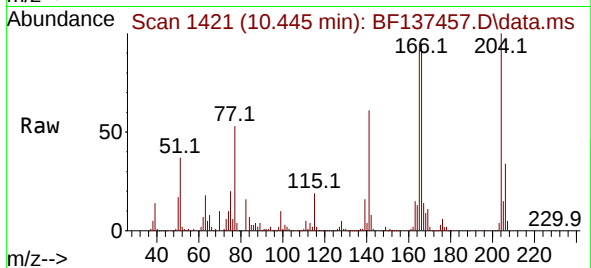




#61
4-Chlorophenyl-phenylether
Concen: 42.084 ng
RT: 10.445 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

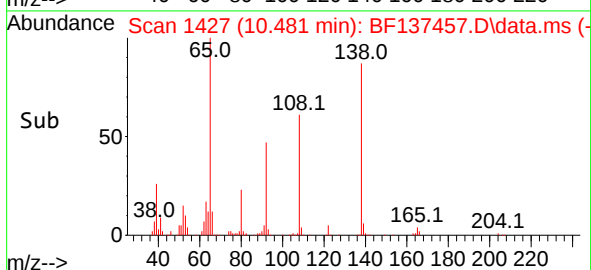
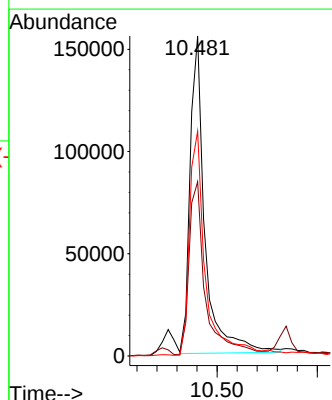
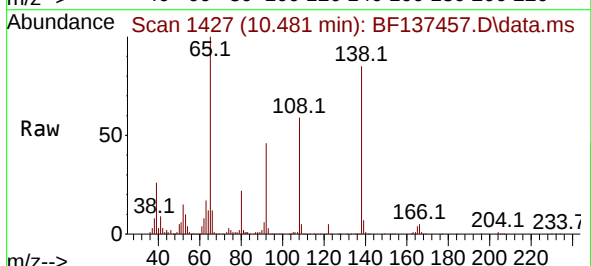
Instrument :
BNA_F
ClientSampleId :
294MSD

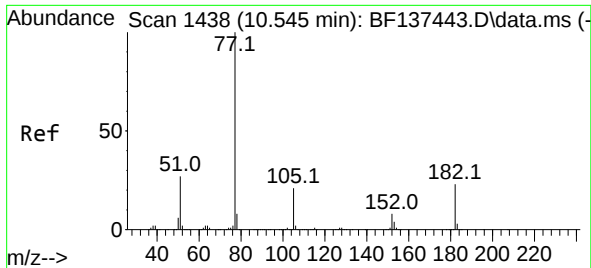
Tgt Ion:204 Resp: 447365
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.0
141 61.3 48.4 72.6



#62
4-Nitroaniline
Concen: 34.681 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.018 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:138 Resp: 159665
Ion Ratio Lower Upper
138 100
92 54.4 37.9 77.9
108 70.3 53.2 93.2



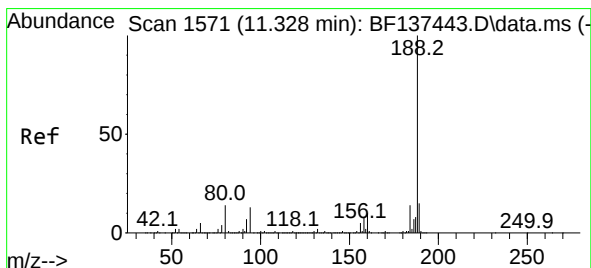
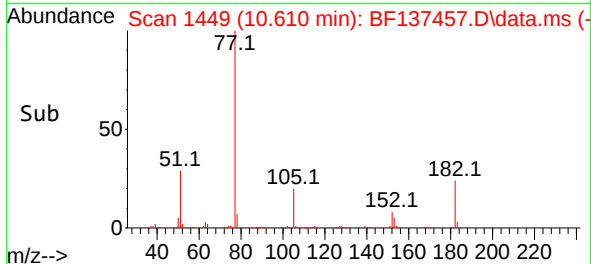
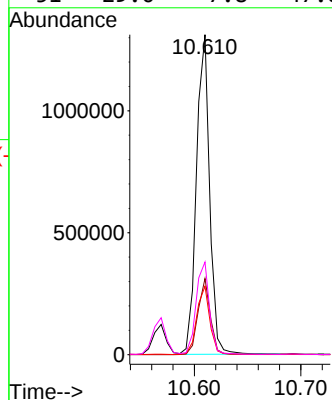
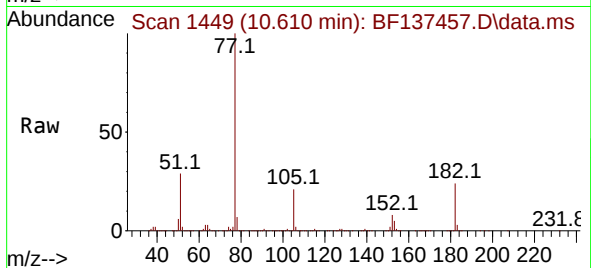


#63
Azobenzene
Concen: 42.864 ng
RT: 10.610 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Instrument :
BNA_F
ClientSampleId :
294MSD

Tgt Ion: 77 Resp: 1128508

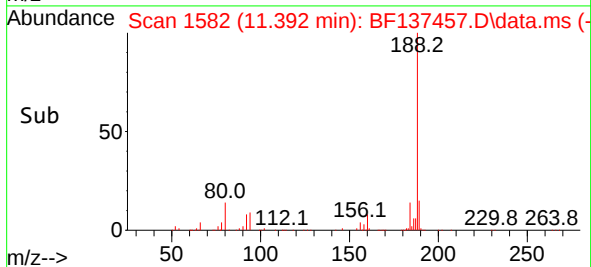
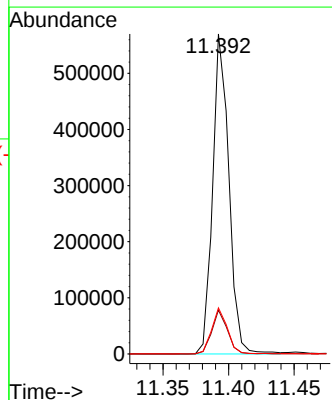
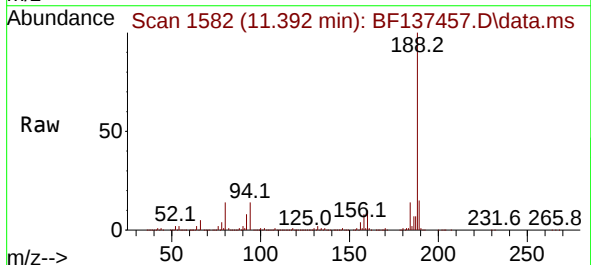
Ion	Ratio	Lower	Upper
77	100		
182	23.8	3.2	43.2
105	21.4	1.2	41.2
51	29.0	7.8	47.8

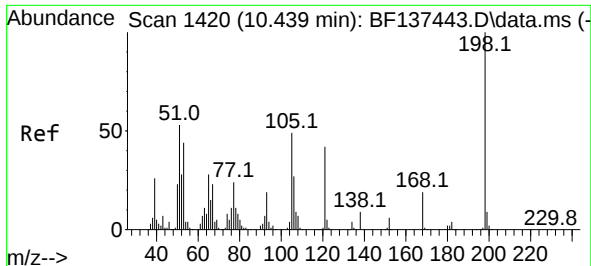


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion: 188 Resp: 490183

Ion	Ratio	Lower	Upper
188	100		
94	13.7	10.6	15.8
80	14.4	11.5	17.3

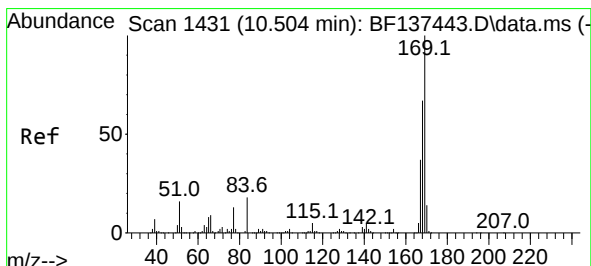
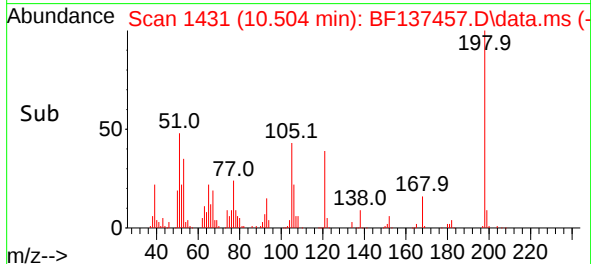
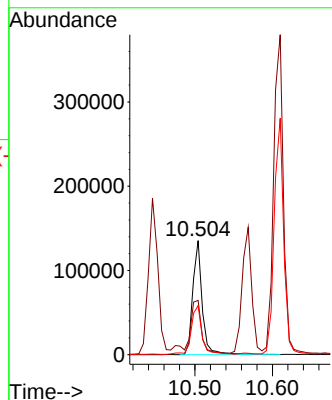
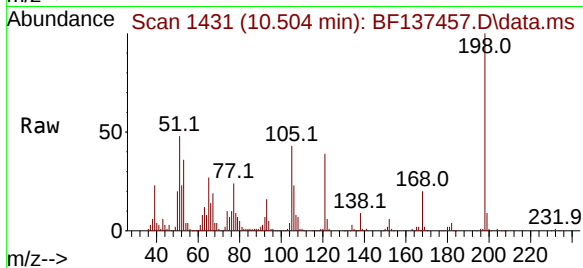




#65
4,6-Dinitro-2-methylphenol
Concen: 41.840 ng
RT: 10.504 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

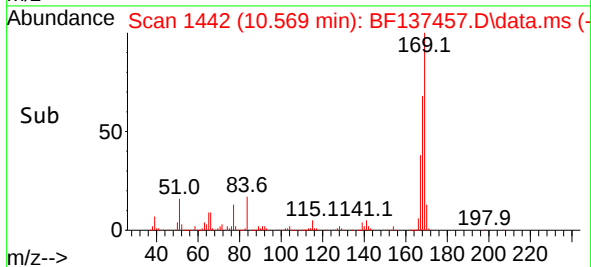
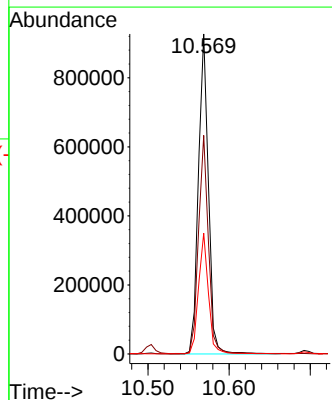
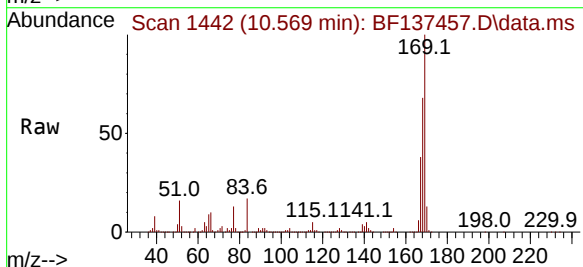
Instrument :
BNA_F
ClientSampleId :
294MSD

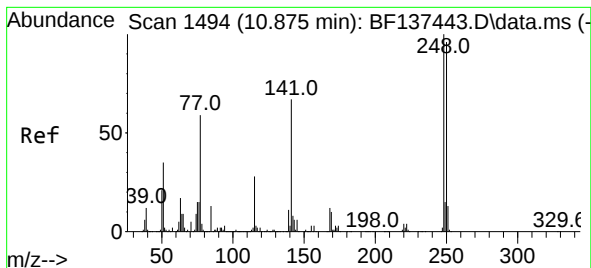
Tgt Ion:198 Resp: 114309
Ion Ratio Lower Upper
198 100
51 47.6 37.2 77.2
105 42.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 50.548 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:169 Resp: 797881
Ion Ratio Lower Upper
169 100
168 68.3 53.8 80.6
167 37.8 29.6 44.4

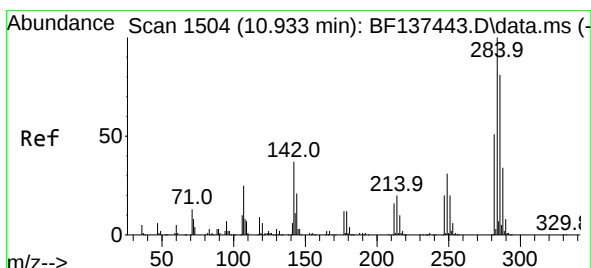
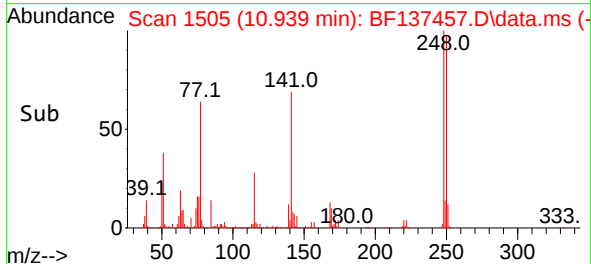
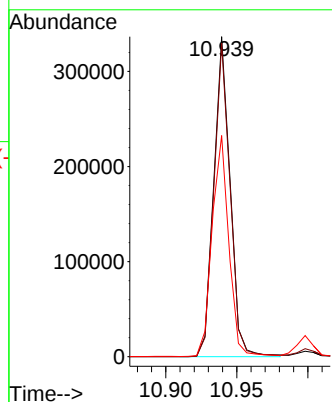
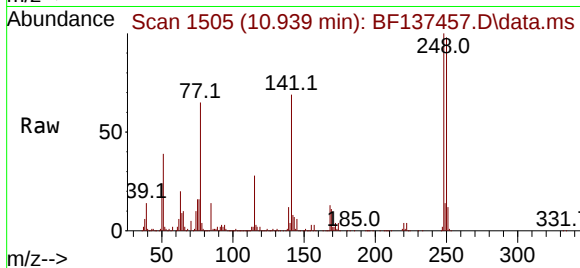




#67
4-Bromophenyl-phenylether
Concen: 50.471 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

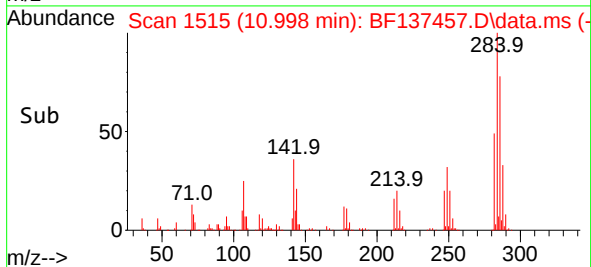
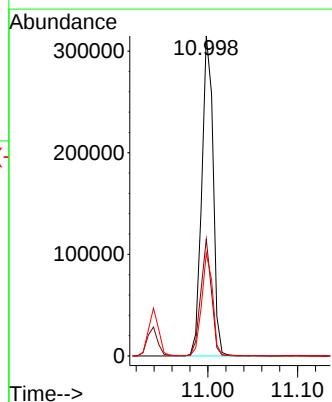
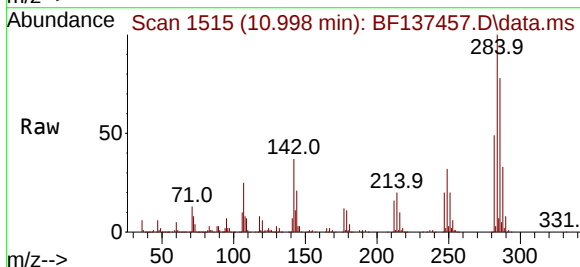
Instrument :
BNA_F
ClientSampleId :
294MSD

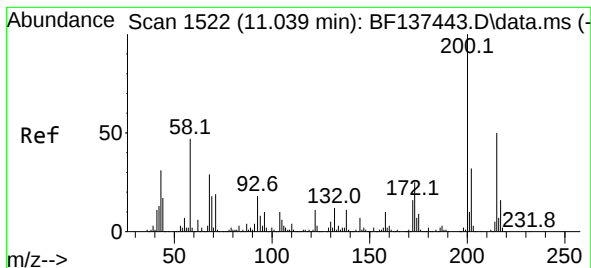
Tgt Ion:248 Resp: 269464
Ion Ratio Lower Upper
248 100
250 97.9 76.8 115.2
141 69.1 53.4 80.0



#68
Hexachlorobenzene
Concen: 51.342 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:284 Resp: 276861
Ion Ratio Lower Upper
284 100
142 36.5 29.4 44.0
249 32.1 25.0 37.4





#69

Atrazine

Concen: 51.789 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

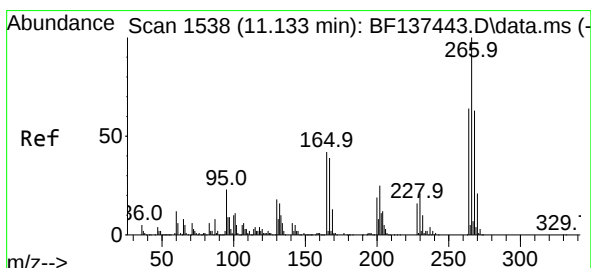
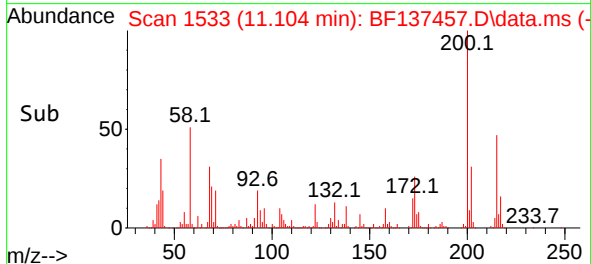
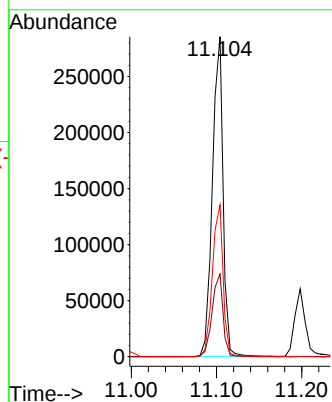
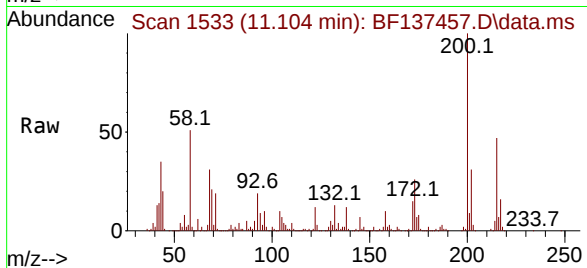
Tgt Ion:200 Resp: 248505

Ion Ratio Lower Upper

200 100

173 25.8 5.1 45.1

215 47.4 30.4 70.4



#70

Pentachlorophenol

Concen: 87.988 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

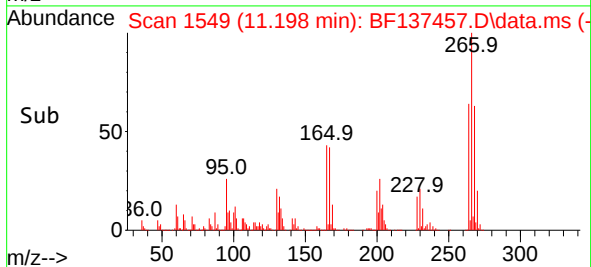
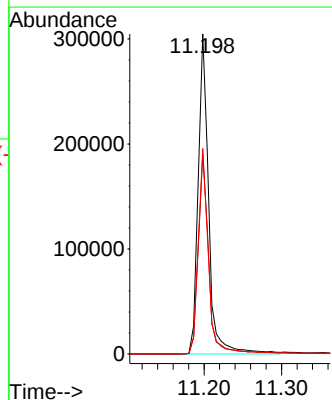
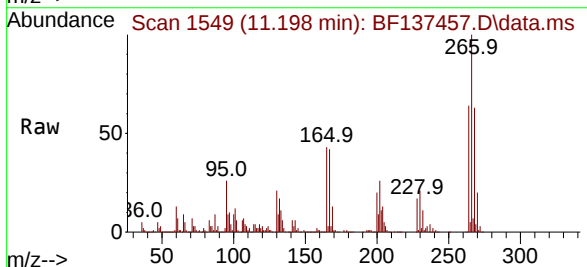
Tgt Ion:266 Resp: 286825

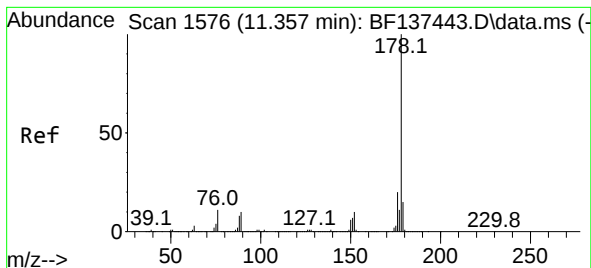
Ion Ratio Lower Upper

266 100

268 62.6 50.2 75.2

264 64.2 50.9 76.3





#71

Phenanthrene

Concen: 47.440 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

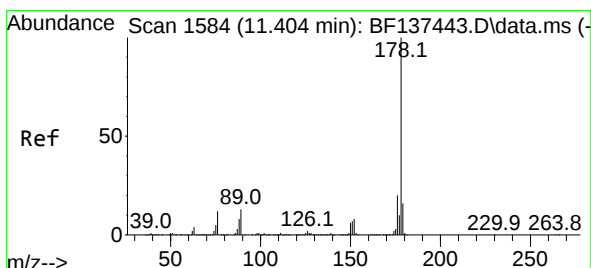
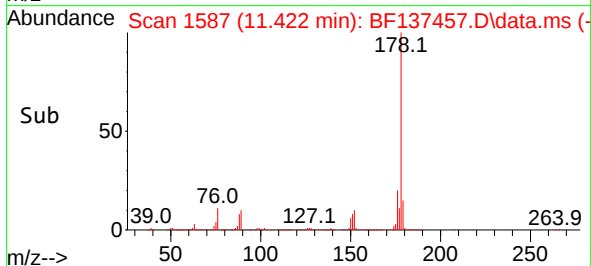
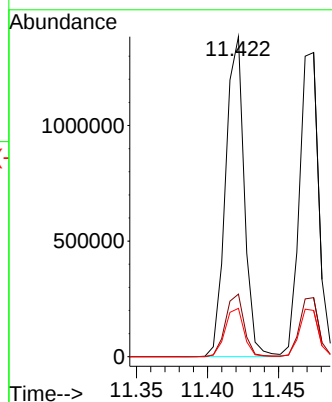
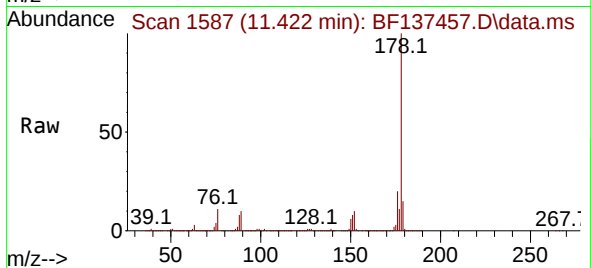
Tgt Ion:178 Resp: 1265550

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.1 12.2 18.2



#72

Anthracene

Concen: 46.649 ng

RT: 11.475 min Scan# 1596

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

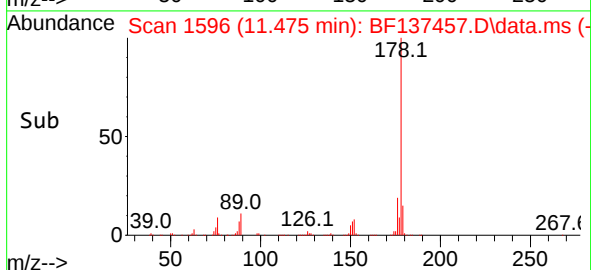
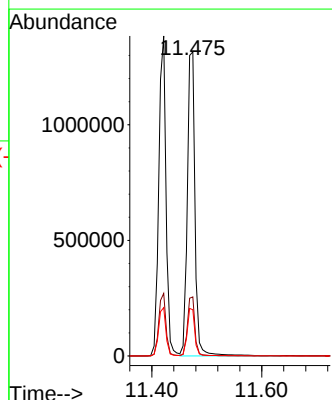
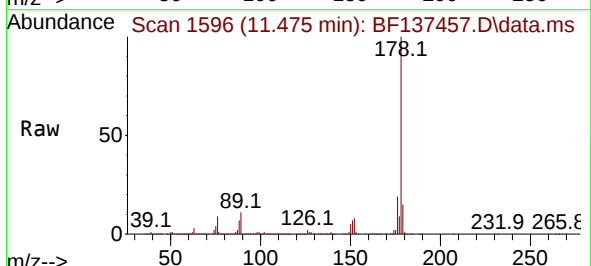
Tgt Ion:178 Resp: 1278118

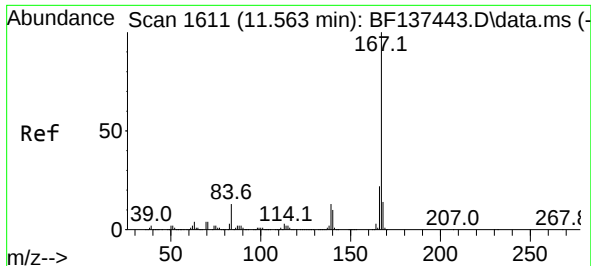
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.2 12.7 19.1

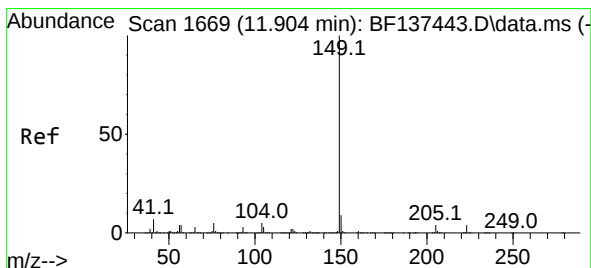
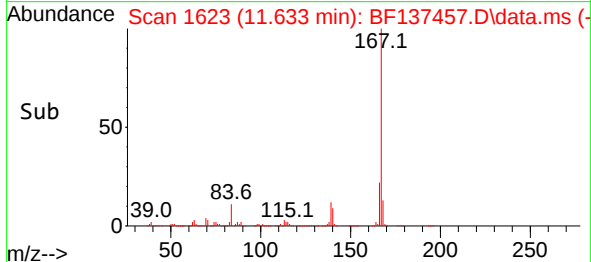
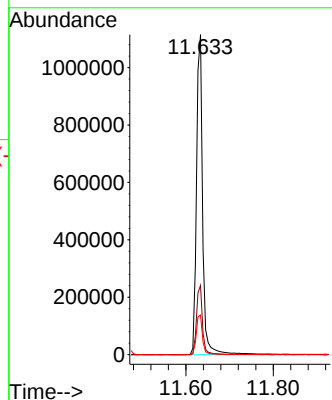
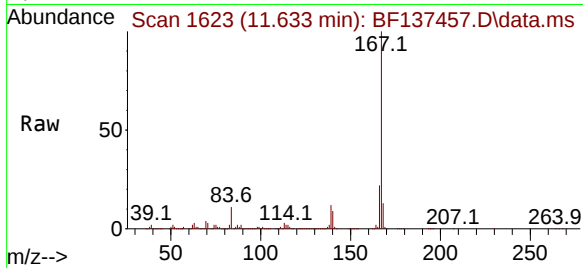




#73
 Carbazole
 Concen: 46.600 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. -0.012 min
 Lab File: BF137457.D
 Acq: 01 Mar 2024 14:16

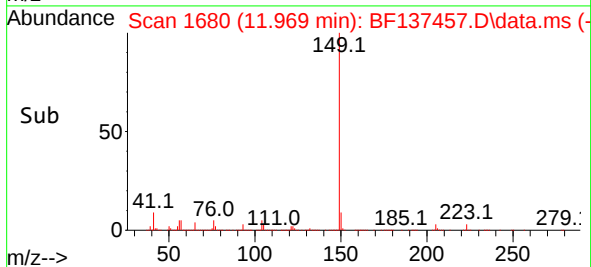
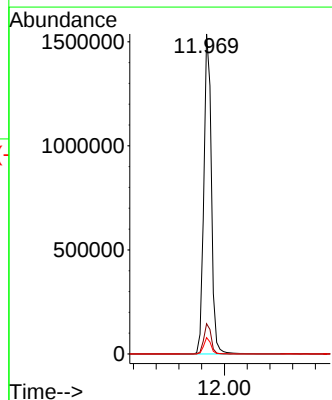
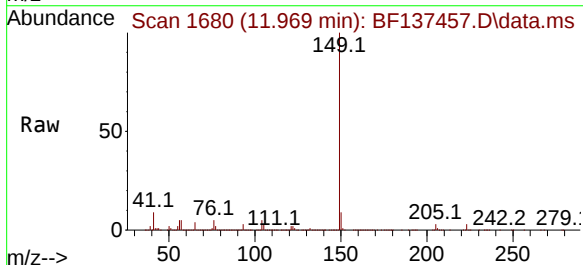
Instrument :
 BNA_F
 ClientSampleId :
 294MSD

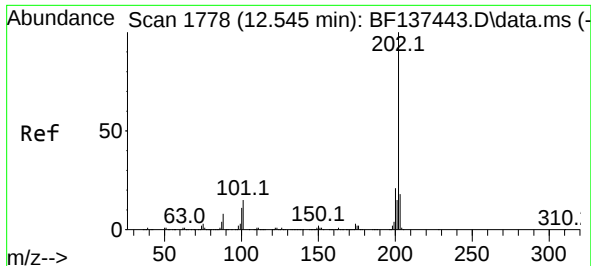
Tgt Ion:167 Resp: 1093647
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 50.432 ng
 RT: 11.969 min Scan# 1680
 Delta R.T. -0.012 min
 Lab File: BF137457.D
 Acq: 01 Mar 2024 14:16

Tgt Ion:149 Resp: 1408178
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.1 3.8 5.6

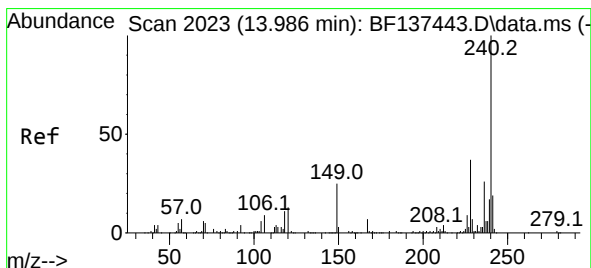
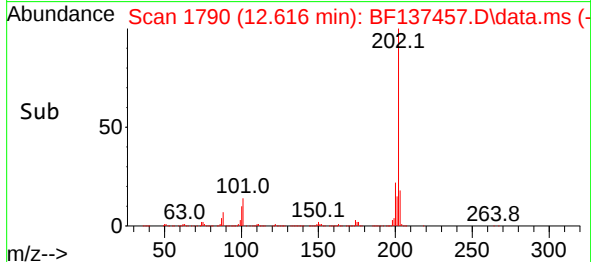
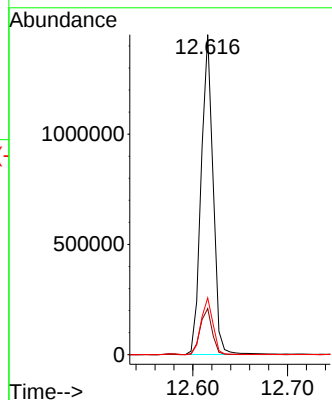
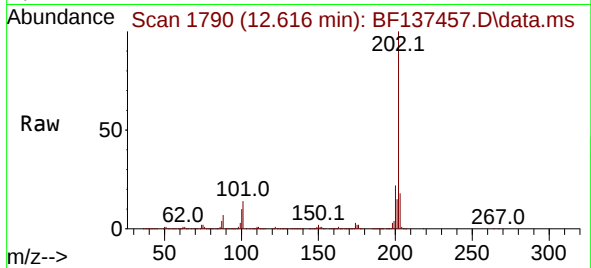




#75
Fluoranthene
Concen: 48.489 ng
RT: 12.616 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

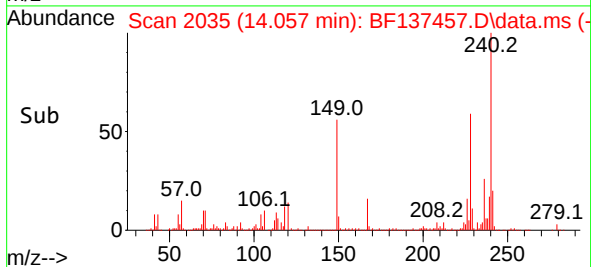
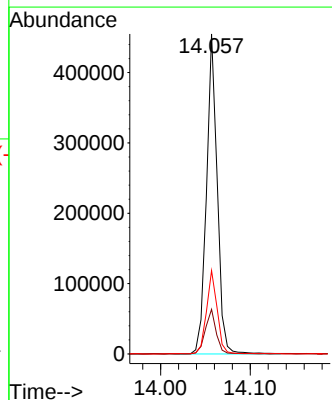
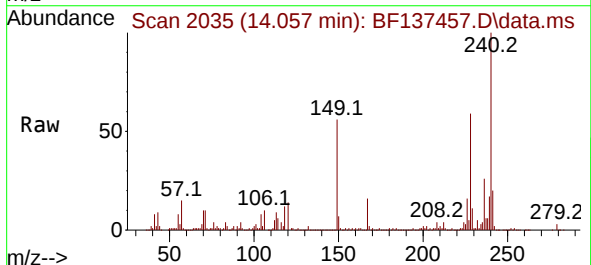
Instrument :
BNA_F
ClientSampleId :
294MSD

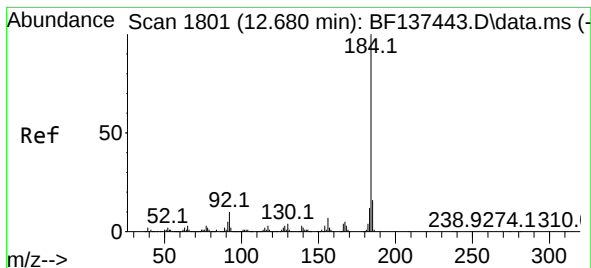
Tgt Ion:202 Resp: 1264405
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:240 Resp: 379092
Ion Ratio Lower Upper
240 100
120 13.9 10.4 15.6
236 26.0 20.9 31.3





#77

Benzidine

Concen: 63.465 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

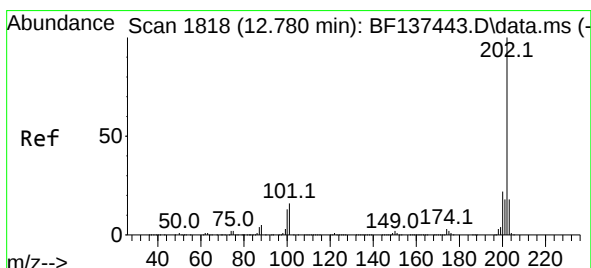
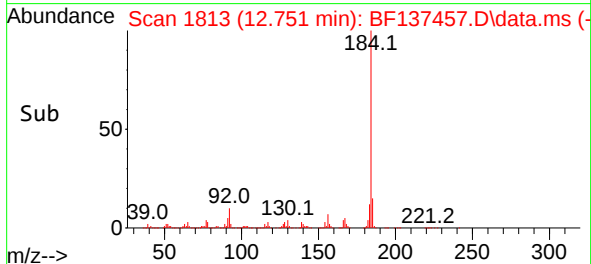
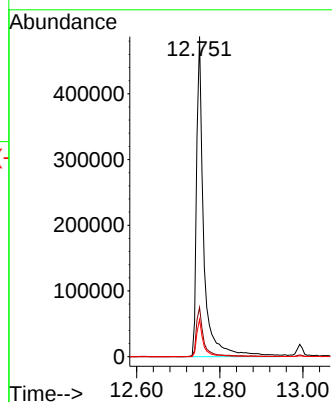
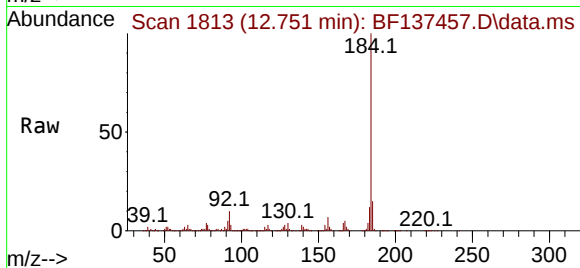
Tgt Ion:184 Resp: 588777

Ion Ratio Lower Upper

184 100

185 15.4 13.2 19.8

183 11.6 9.3 13.9



#78

Pyrene

Concen: 35.487 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

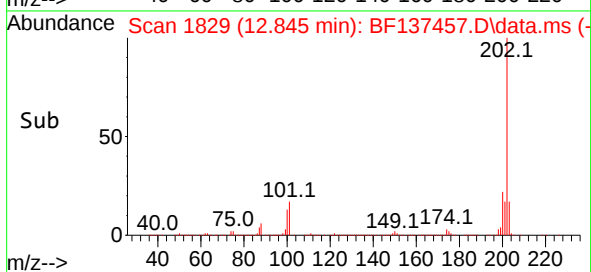
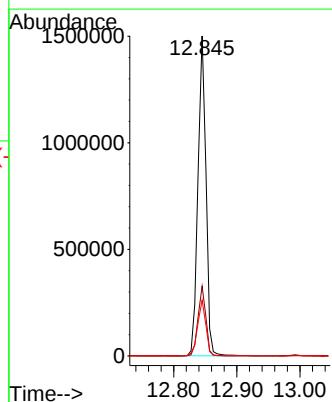
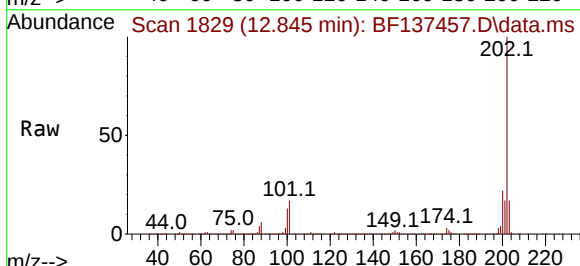
Tgt Ion:202 Resp: 1320044

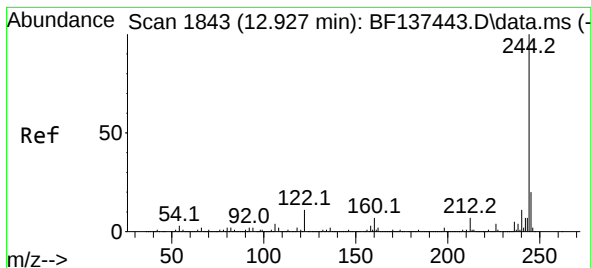
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 43.856 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.018 min

Lab File: BF137457.D

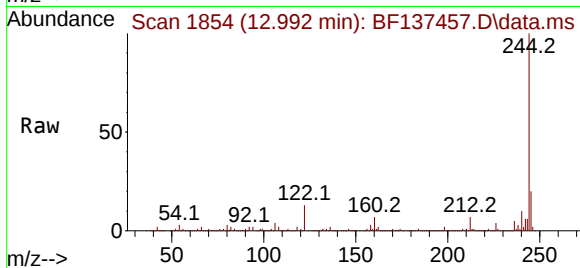
Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD



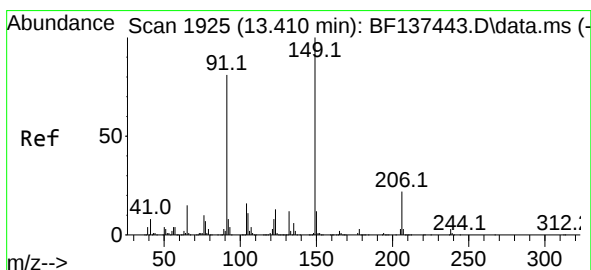
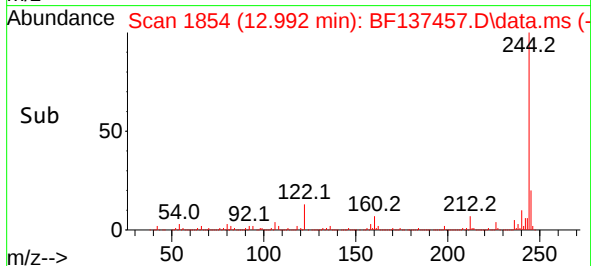
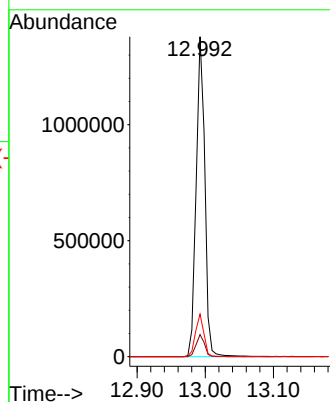
Tgt Ion:244 Resp: 1209028

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 13.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 45.469 ng

RT: 13.480 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

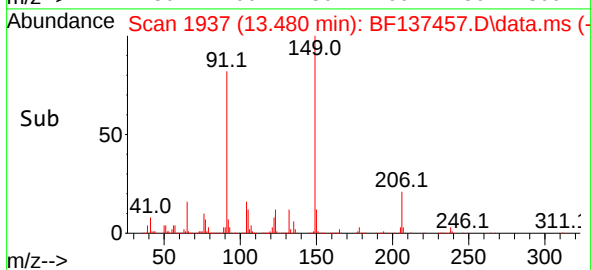
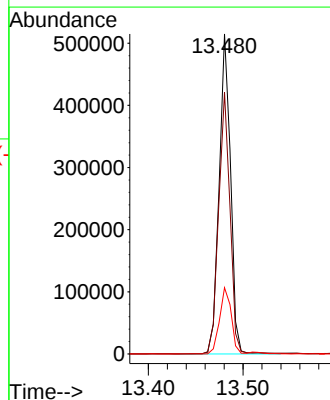
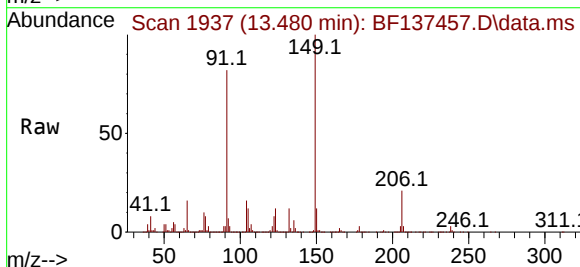
Tgt Ion:149 Resp: 431947

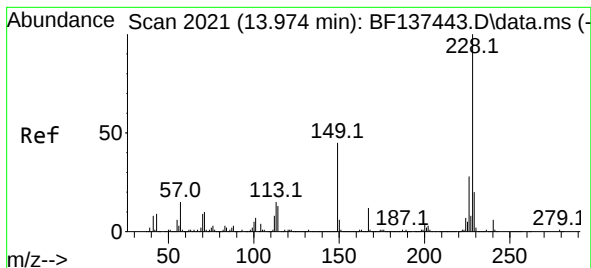
Ion Ratio Lower Upper

149 100

91 81.8 64.7 97.1

206 20.7 17.5 26.3





#81

Benzo(a)anthracene

Concen: 47.687 ng

RT: 14.045 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

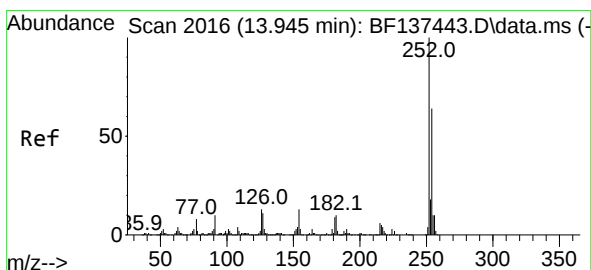
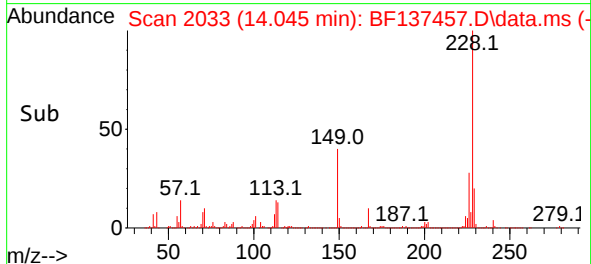
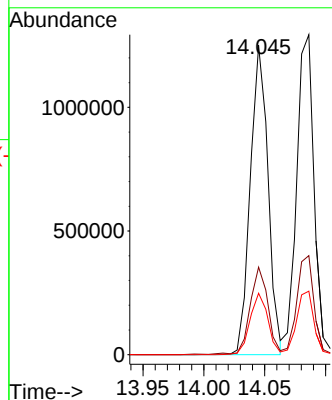
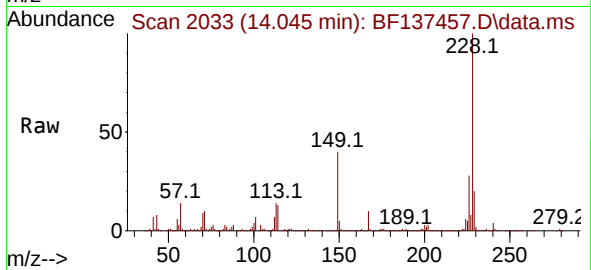
Tgt Ion:228 Resp: 1267045

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 45.323 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

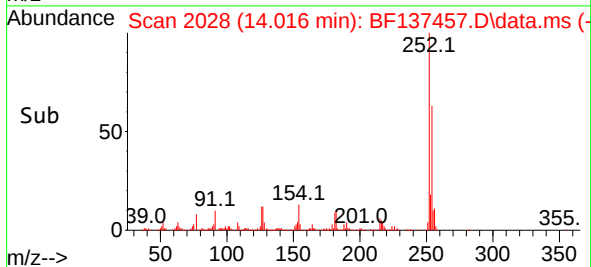
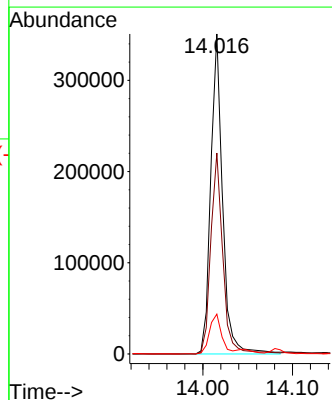
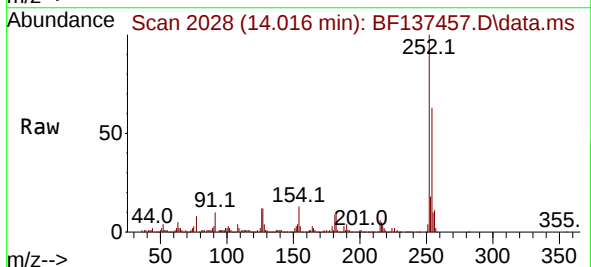
Tgt Ion:252 Resp: 320692

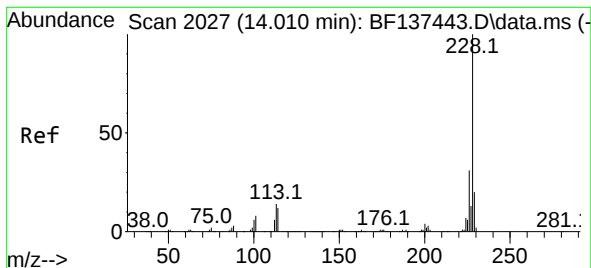
Ion Ratio Lower Upper

252 100

254 62.8 51.4 77.2

126 12.4 10.4 15.6





#83

Chrysene

Concen: 47.647 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

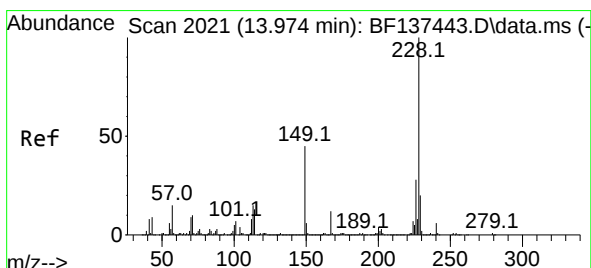
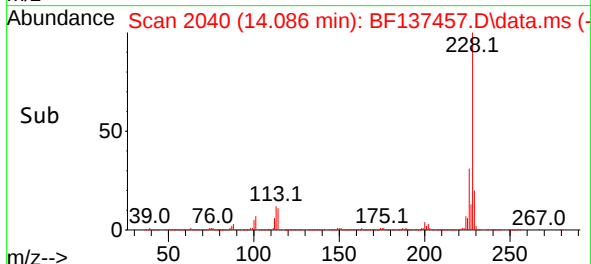
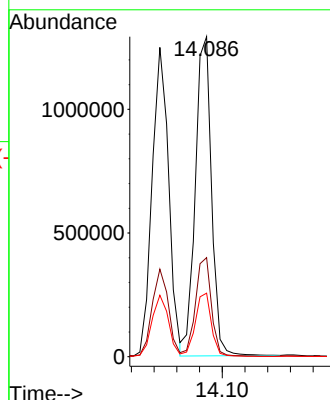
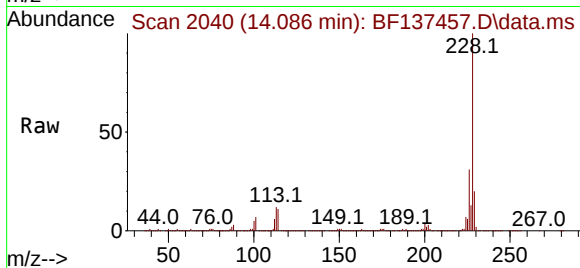
Tgt Ion:228 Resp: 1279523

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.144 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

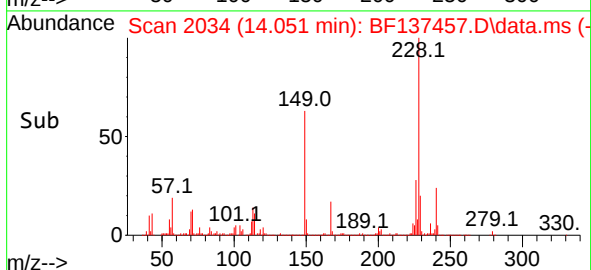
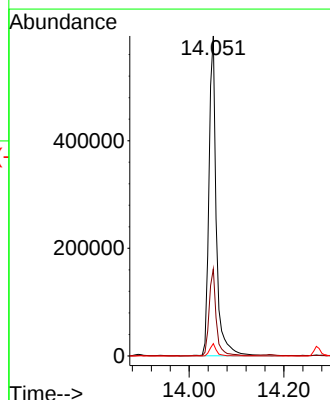
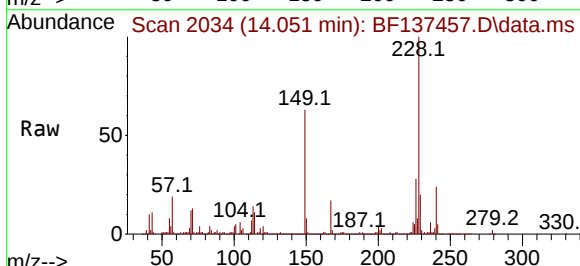
Tgt Ion:149 Resp: 641677

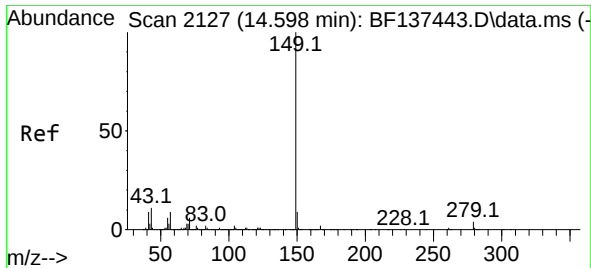
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.8 2.6 4.0

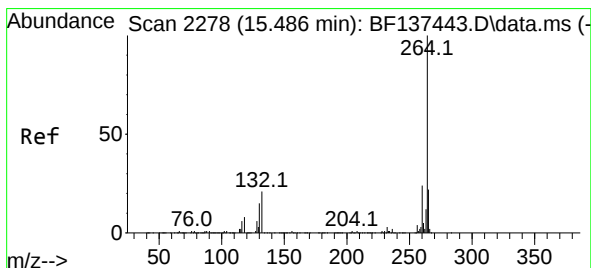
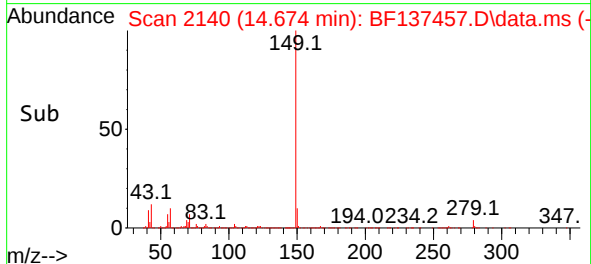
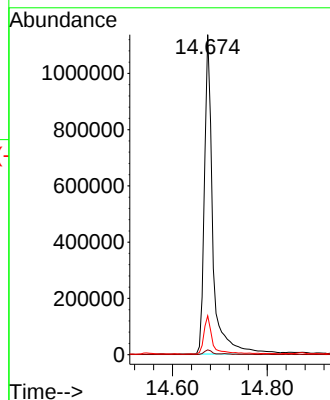
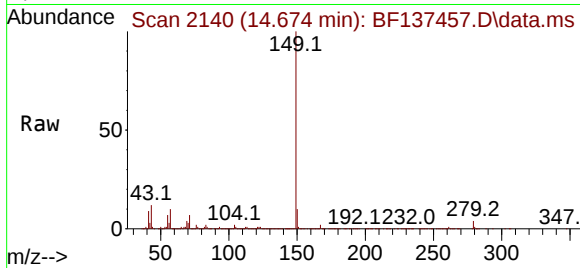




#85
Di-n-octyl phthalate
Concen: 58.821 ng
RT: 14.674 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

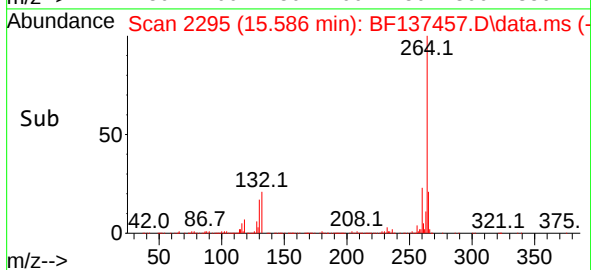
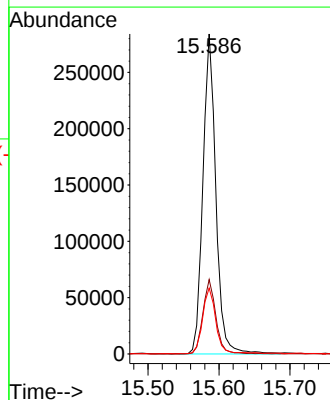
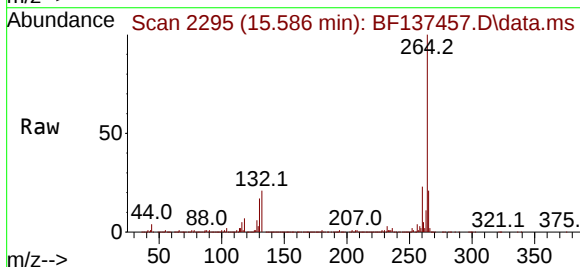
Instrument :
BNA_F
ClientSampleId :
294MSD

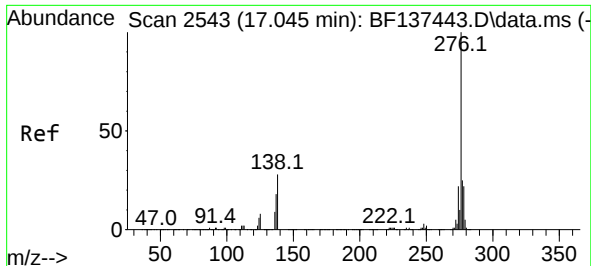
Tgt Ion:149 Resp: 1402107
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.4 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BF137457.D
Acq: 01 Mar 2024 14:16

Tgt Ion:264 Resp: 361429
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 20.6 17.4 26.0

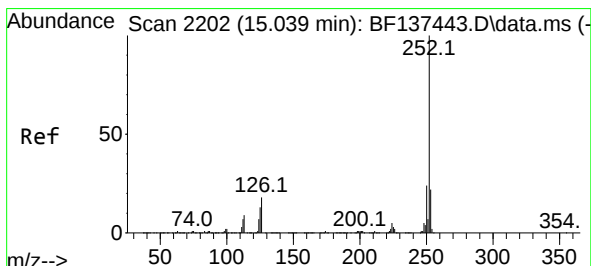
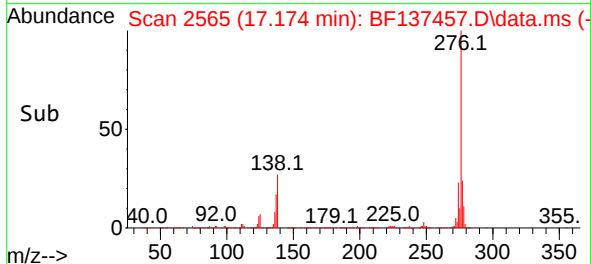
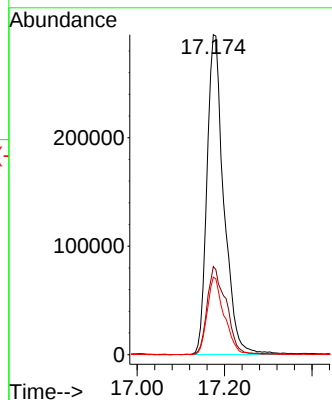
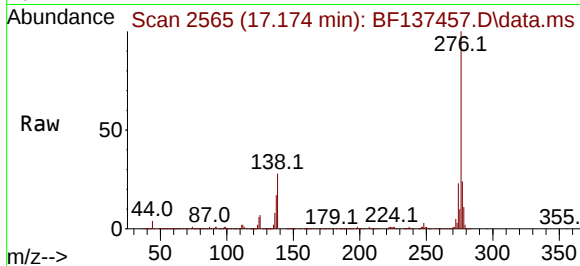




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.227 ng
 RT: 17.174 min Scan# 2118
 Delta R.T. -0.029 min
 Lab File: BF137457.D
 Acq: 01 Mar 2024 14:16

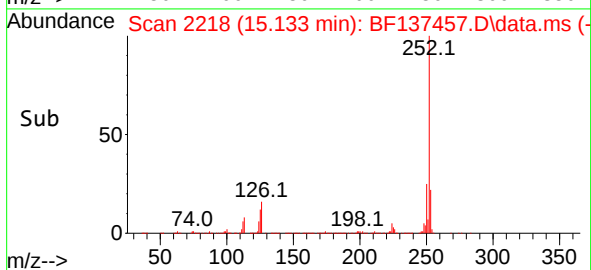
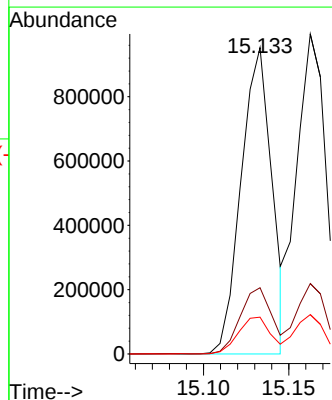
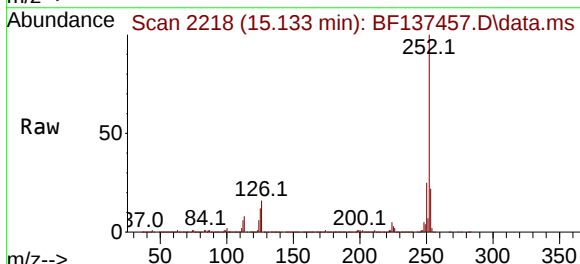
Instrument :
 BNA_F
 ClientSampleId :
 294MSD

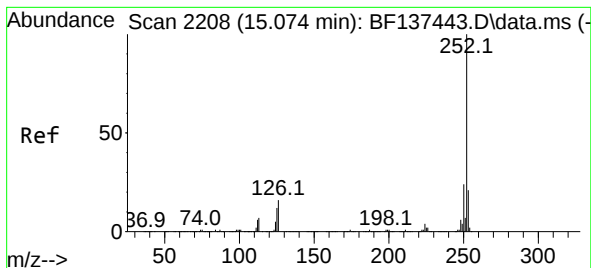
Tgt Ion:276 Resp: 790279
 Ion Ratio Lower Upper
 276 100
 138 31.3 25.8 38.8
 277 24.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 55.898 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF137457.D
 Acq: 01 Mar 2024 14:16

Tgt Ion:252 Resp: 1195100
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.8 26.8
 125 12.0 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 52.181 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

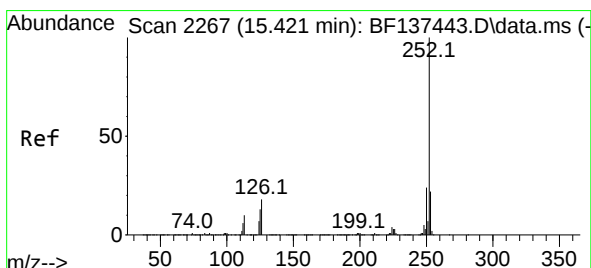
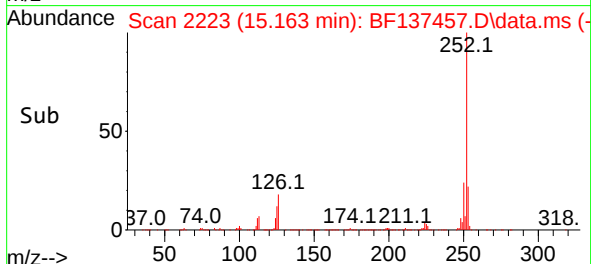
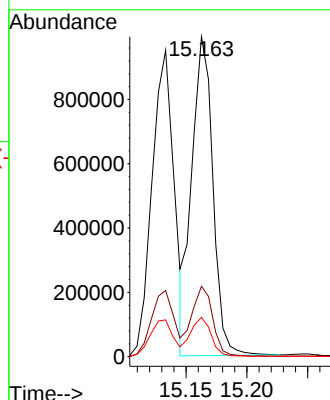
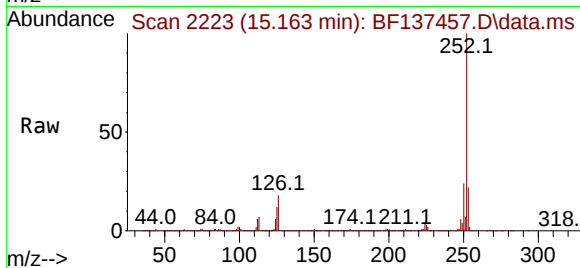
Tgt Ion:252 Resp: 1198279

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 12.3 9.6 14.4



#90

Benzo(a)pyrene

Concen: 48.192 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.012 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

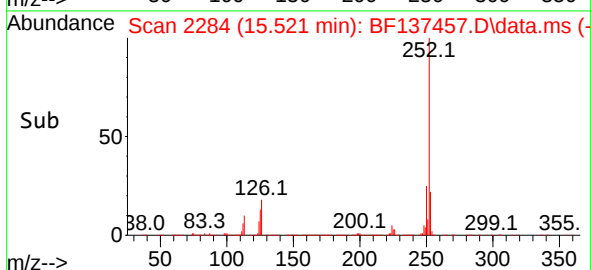
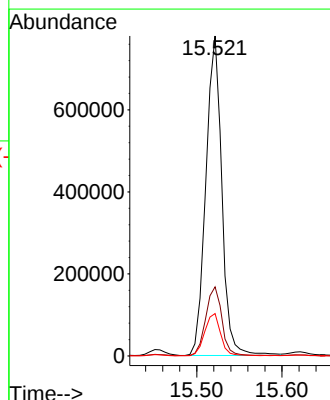
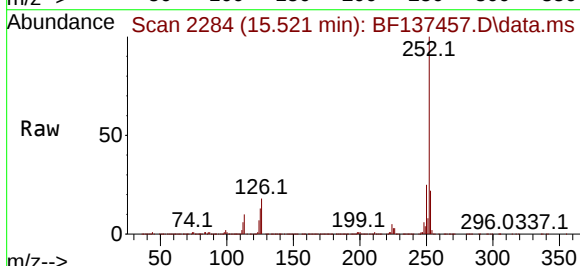
Tgt Ion:252 Resp: 1015342

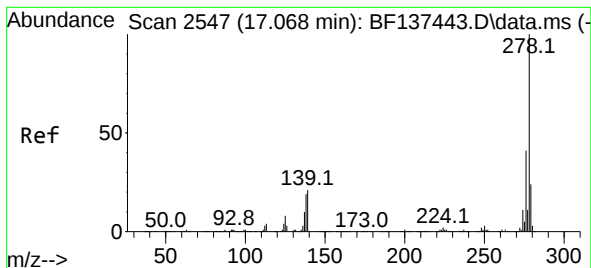
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 13.2 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 32.583 ng

RT: 17.204 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

294MSD

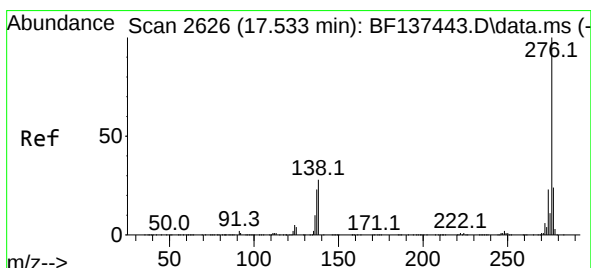
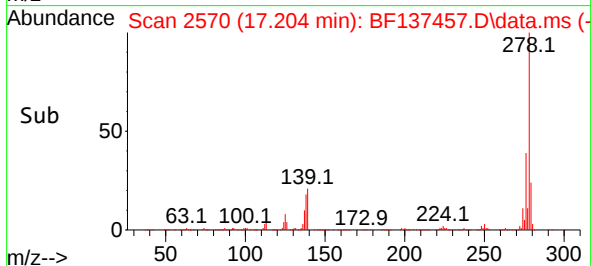
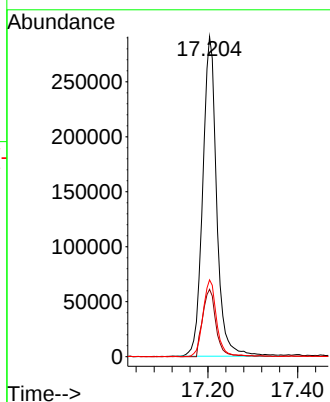
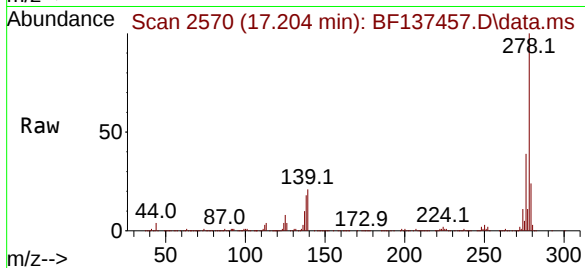
Tgt Ion:278 Resp: 628660

Ion Ratio Lower Upper

278 100

139 21.1 17.0 25.6

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 30.124 ng

RT: 17.662 min Scan# 2648

Delta R.T. -0.029 min

Lab File: BF137457.D

Acq: 01 Mar 2024 14:16

Tgt Ion:276 Resp: 596908

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 26.6 22.2 33.2

