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 Data File : BF138452.D
 Acq On : 03 Jul 2024 18:09
 Operator : CG\JU
 Sample : P3141-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

Quant Time: Jul 03 18:32:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

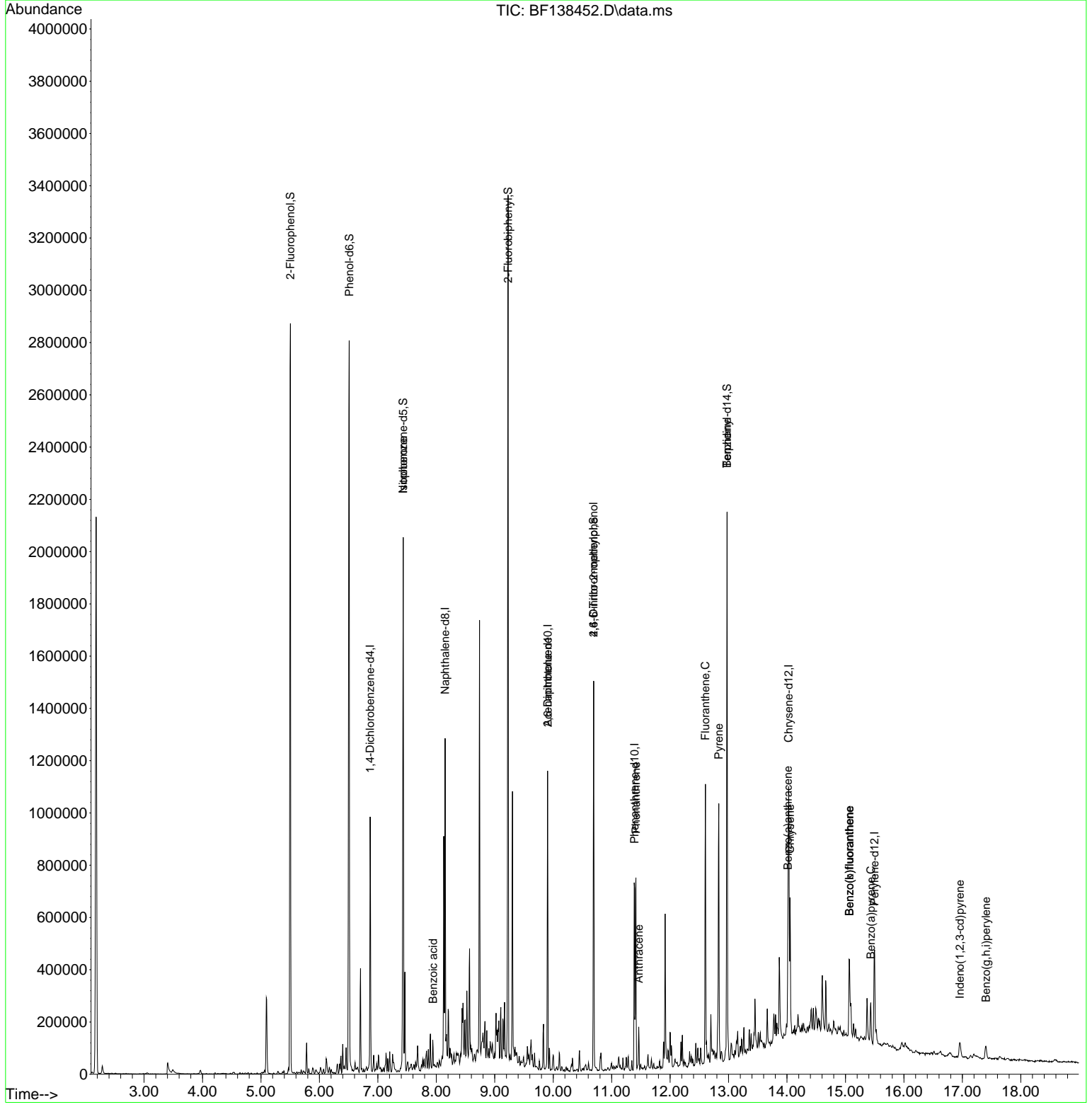
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	119548	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	447003	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	202910	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	266538	20.000	ng	0.00
76) Chrysene-d12	14.027	240	218487	20.000	ng	0.00
86) Perylene-d12	15.498	264	172309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	706869	98.032	ng	0.00
7) Phenol-d6	6.510	99	916095	94.313	ng	0.00
23) Nitrobenzene-d5	7.434	82	587253	68.247	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	140718	84.882	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	879523	68.982	ng	0.00
79) Terphenyl-d14	12.974	244	629320	39.473	ng	0.00
Target Compounds						
25) Isophorone	7.434	82	585055	36.874	ng	# 67
32) Benzoic acid	7.945	122	336	4.169	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	26659	9.128	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	228	5.940	ng	# 1
71) Phenanthrene	11.416	178	267831	20.581	ng	98
72) Anthracene	11.463	178	54624	4.209	ng	99
75) Fluoranthene	12.604	202	387978	33.255	ng	100
77) Benzidine	12.974	184	8783	5.027	ng	96
78) Pyrene	12.833	202	385156	16.494	ng	100
81) Benzo(a)anthracene	14.016	228	156473	11.127	ng	98
83) Chrysene	14.051	228	195091	14.257	ng	97
87) Indeno(1,2,3-cd)pyrene	16.957	276	39820	4.599	ng	94
88) Benzo(b)fluoranthene	15.068	252	208368	22.040	ng	97
89) Benzo(k)fluoranthene	15.068	252	208368	23.929	ng	98
90) Benzo(a)pyrene	15.433	252	73583	8.880	ng	99
92) Benzo(g,h,i)perylene	17.404	276	41127	6.016	ng	98

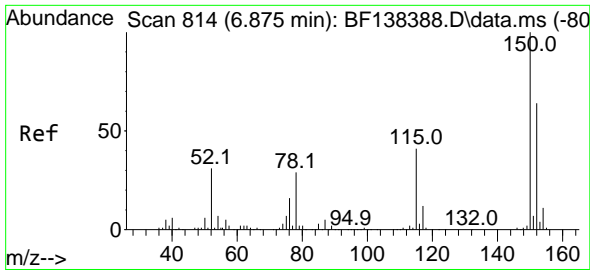
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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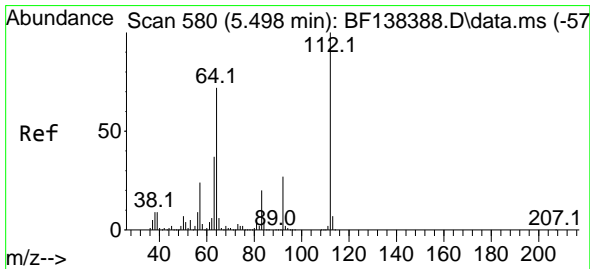
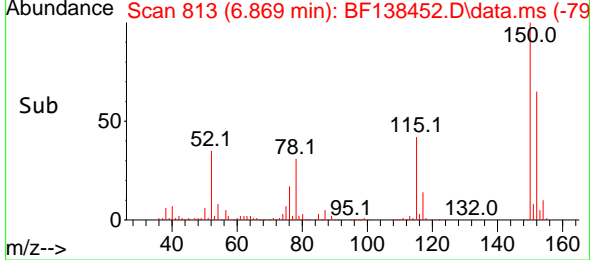
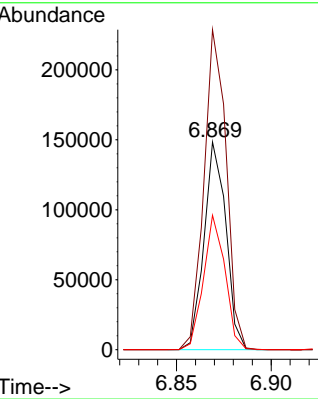
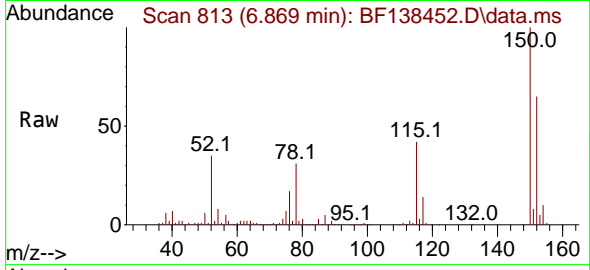




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

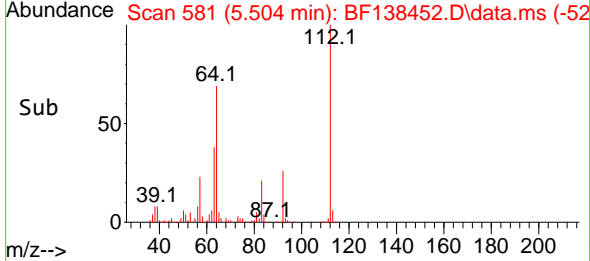
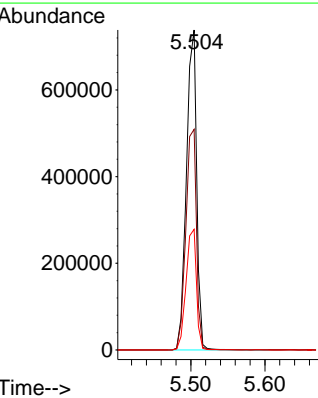
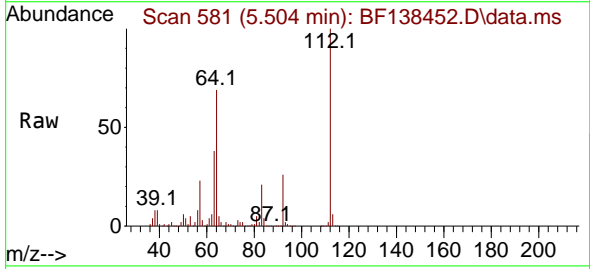
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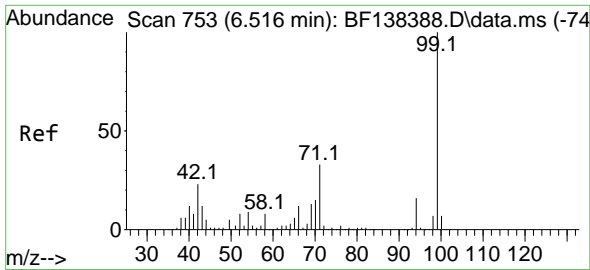
Tgt Ion:152 Resp: 119548
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.9 187.3
 115 64.7 50.8 76.2



#5
 2-Fluorophenol
 Concen: 98.032 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:112 Resp: 706869
 Ion Ratio Lower Upper
 112 100
 64 69.0 57.2 85.8
 63 37.7 29.4 44.0

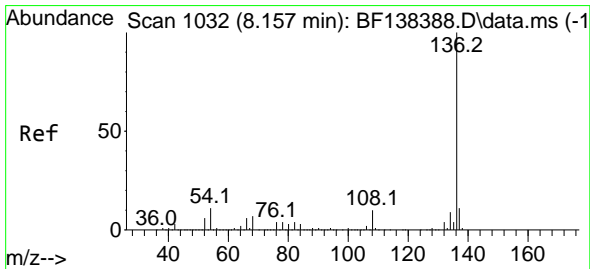
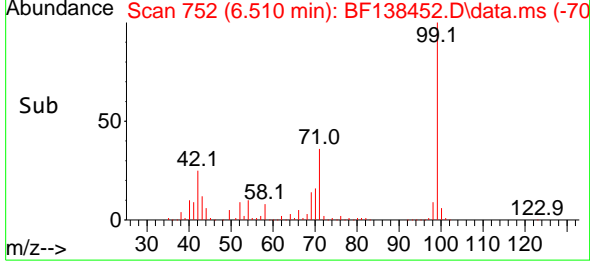
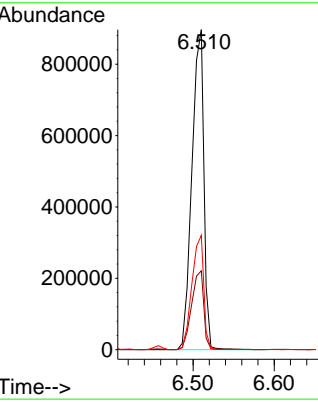
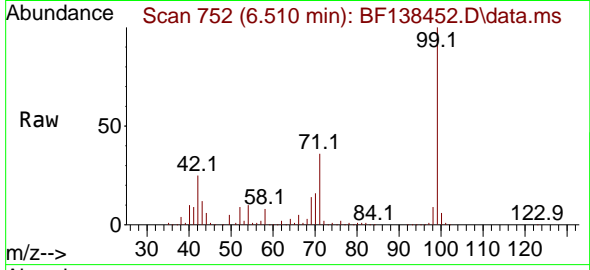




#7
 Phenol-d6
 Concen: 94.313 ng
 RT: 6.510 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

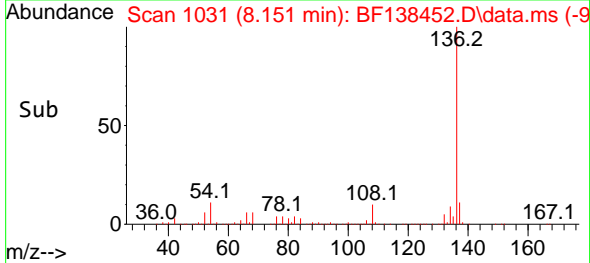
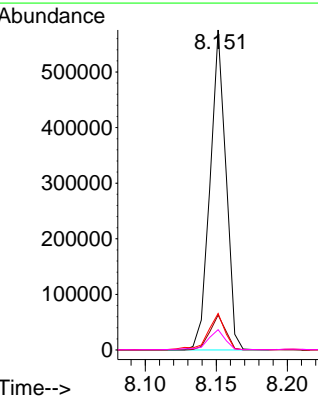
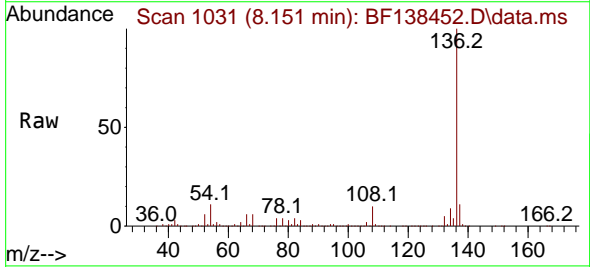
Instrument :
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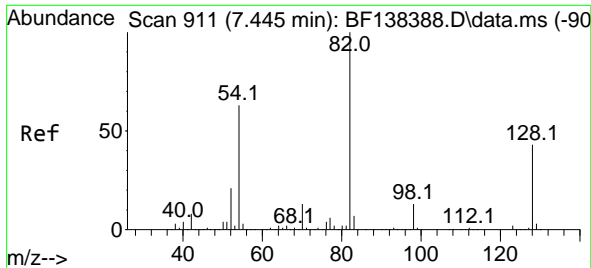
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	916095	100		
42		24.7	18.5	27.7
71		35.7	26.1	39.1



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.151 min Scan# 1031
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion	Resp	Ion Ratio	Lower	Upper
136	447003	100		
137		10.9	8.8	13.2
54		11.4	9.0	13.4
68		6.4	5.4	8.0





#23
 Nitrobenzene-d5
 Concen: 68.247 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

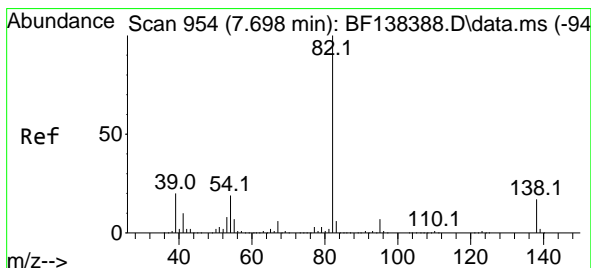
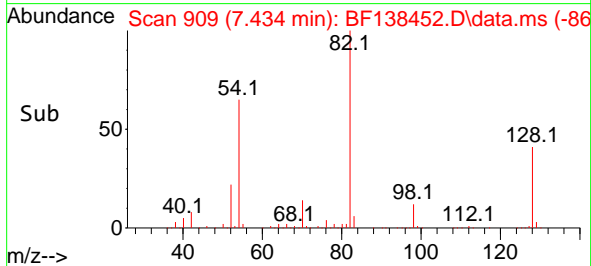
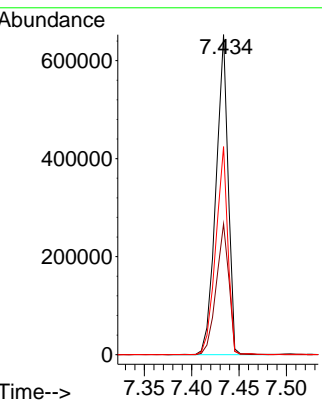
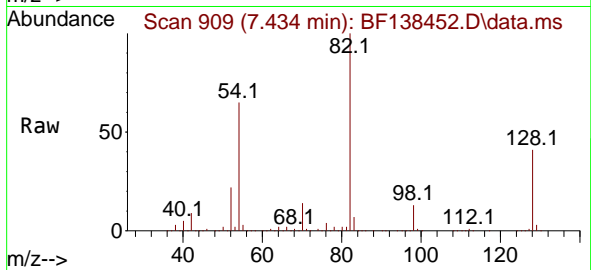
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BNA_F

ClientSampleId :

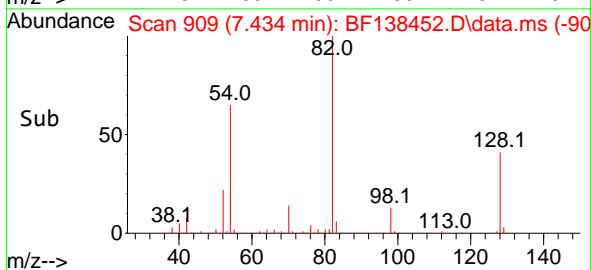
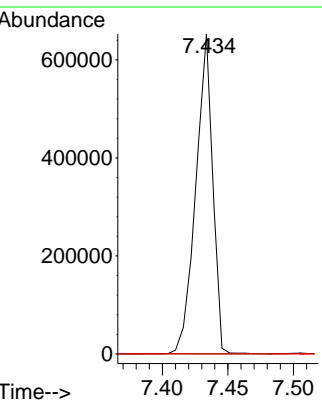
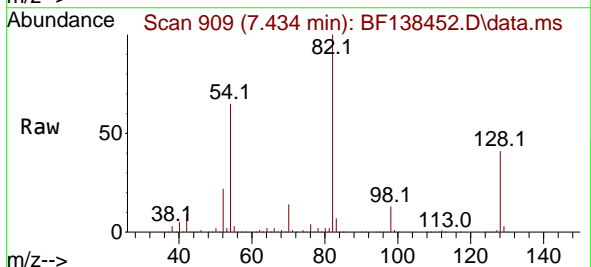
B-140-SB00

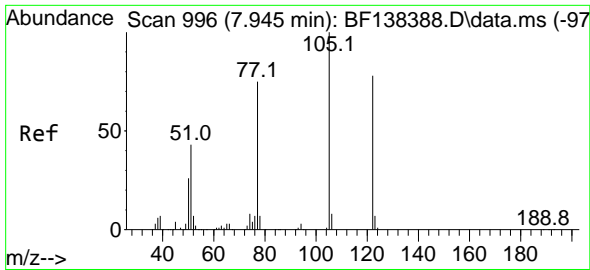
Tgt Ion: 82 Resp: 587253
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 65.0 50.5 75.7



#25
 Isophorone
 Concen: 36.874 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.265 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion: 82 Resp: 585055
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.7 8.5#
 138 0.0 13.4 20.2#

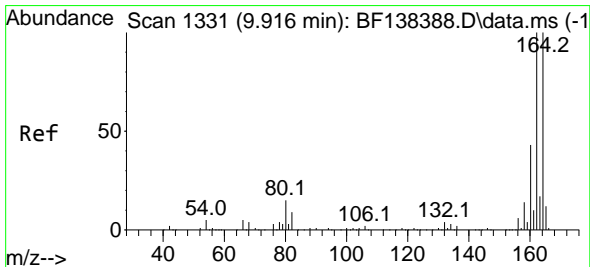
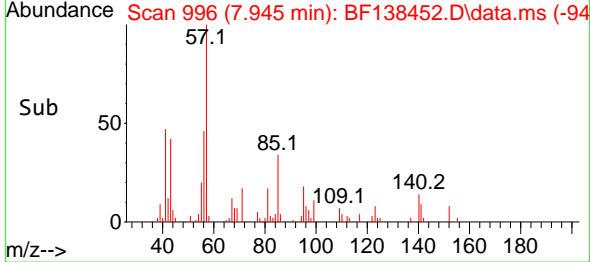
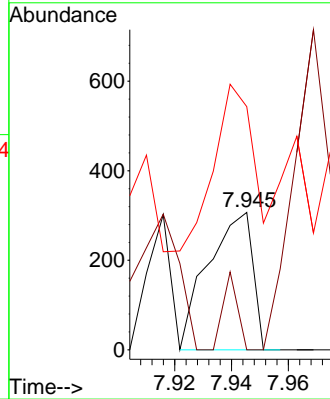
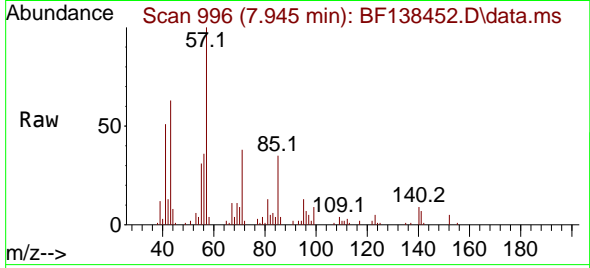




#32
 Benzoic acid
 Concen: 4.169 ng
 RT: 7.945 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

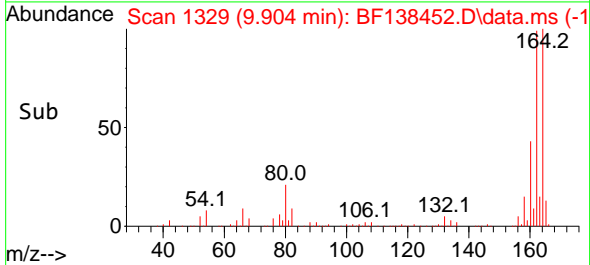
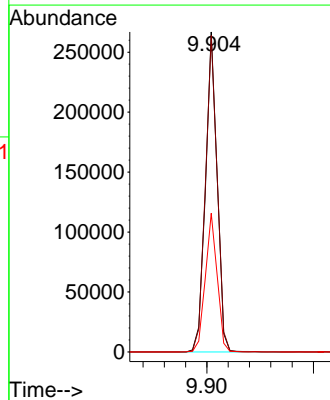
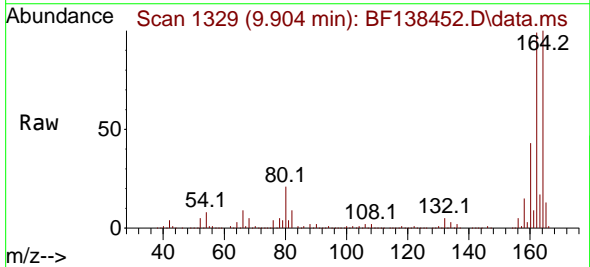
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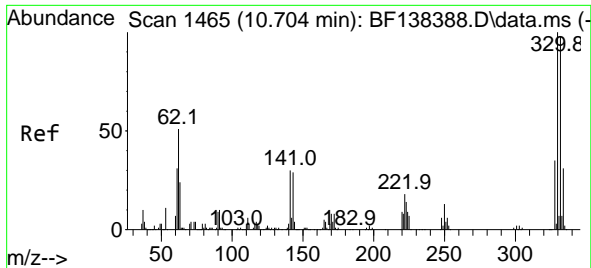
Tgt Ion:122 Resp: 336
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 176.9 74.3 114.3#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1329
 Delta R.T. -0.012 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:164 Resp: 202910
 Ion Ratio Lower Upper
 164 100
 162 98.9 80.1 120.1
 160 43.4 34.1 51.1



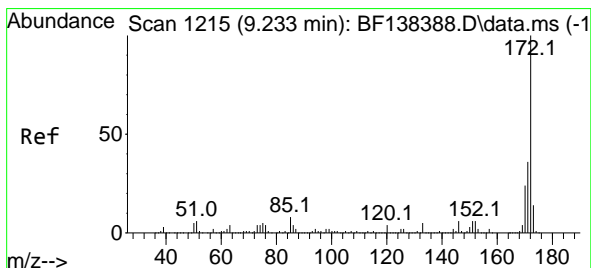
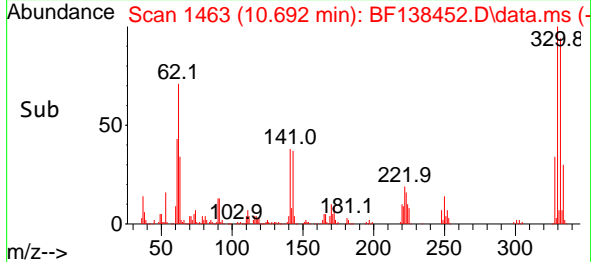
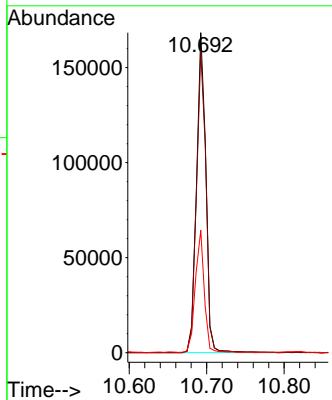
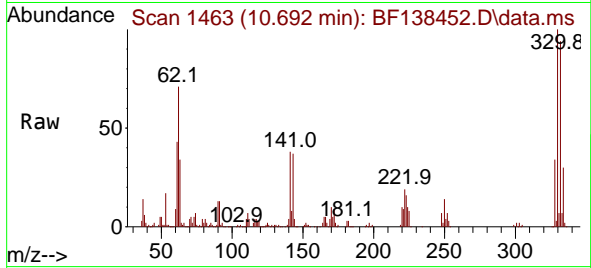


#42
 2,4,6-Tribromophenol
 Concen: 84.882 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. -0.012 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

Tgt Ion: 330 Resp: 140718

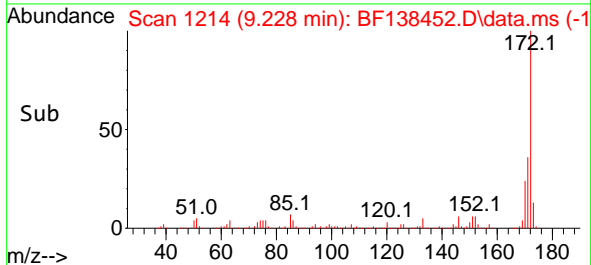
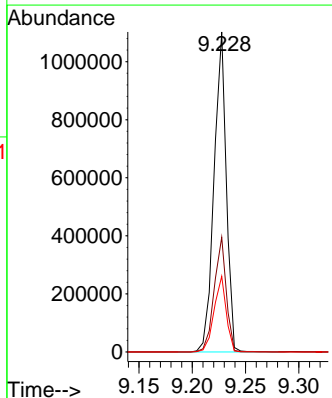
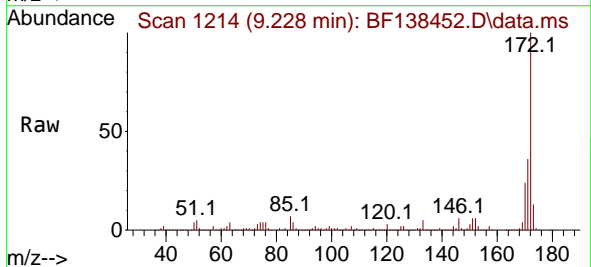
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.3	28.1	42.1

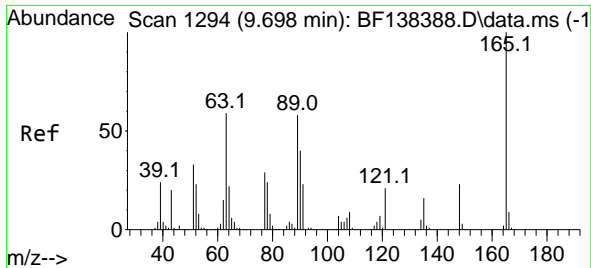


#45
 2-Fluorobiphenyl
 Concen: 68.982 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.005 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion: 172 Resp: 879523

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.7	19.0	28.6

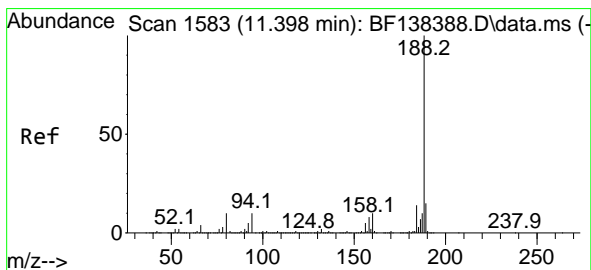
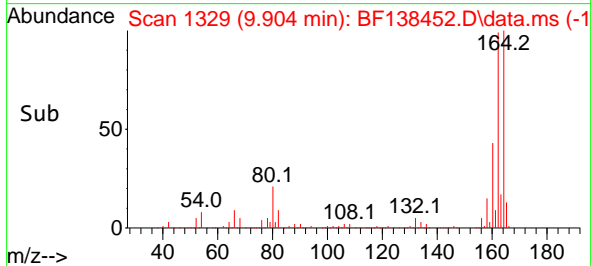
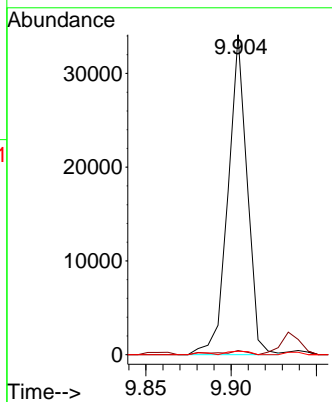
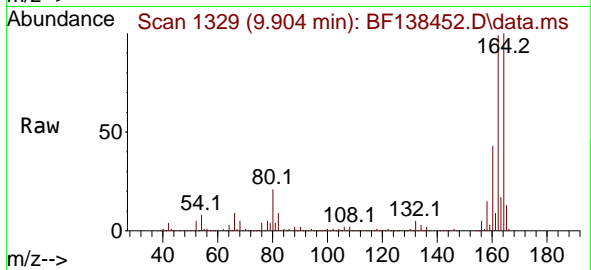




#51
 2,6-Dinitrotoluene
 Concen: 9.128 ng
 RT: 9.904 min Scan# 11
 Delta R.T. 0.206 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

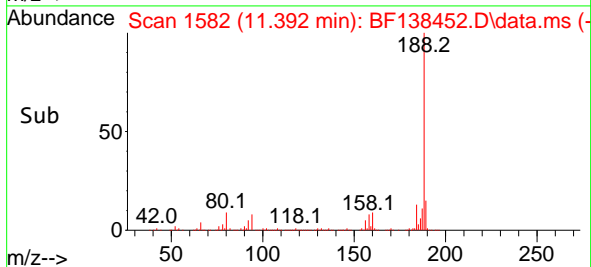
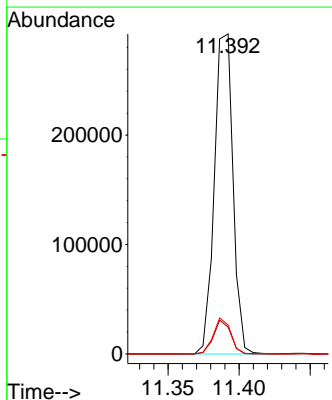
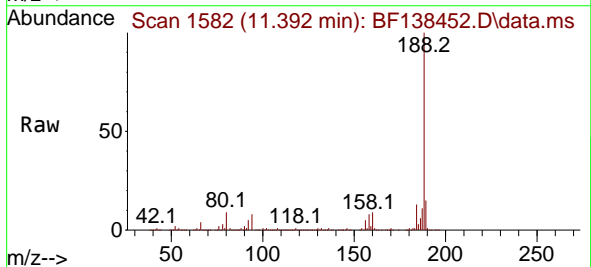
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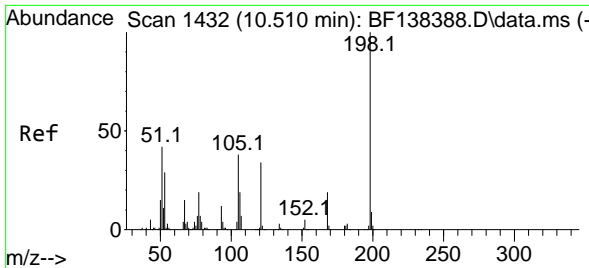
Tgt Ion:165 Resp: 26659
 Ion Ratio Lower Upper
 165 100
 63 1.3 53.8 80.8#
 89 1.1 46.4 69.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:188 Resp: 266538
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.0 12.0
 80 9.0 8.2 12.4

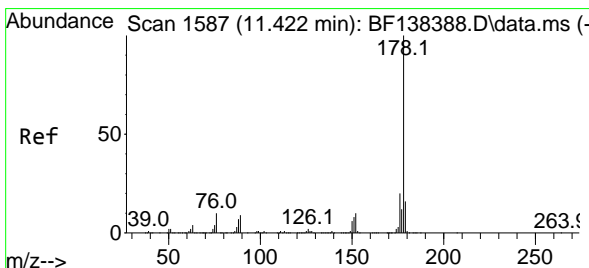
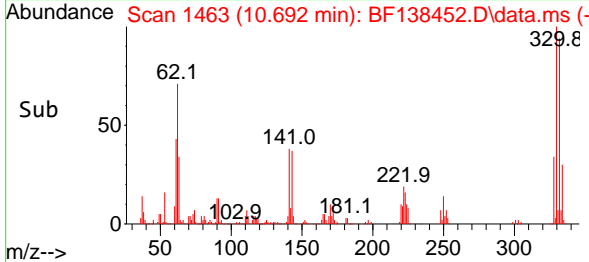
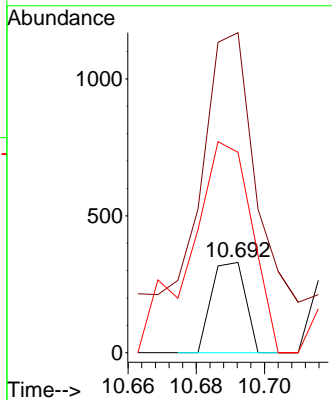
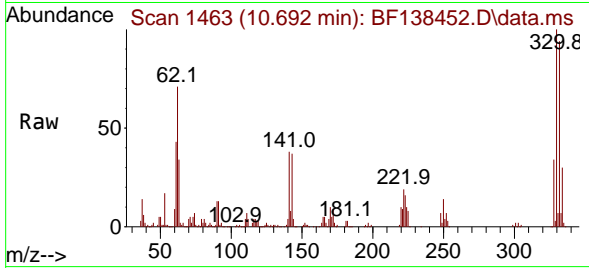




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.940 ng
 RT: 10.692 min Scan# 14
 Delta R.T. 0.182 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

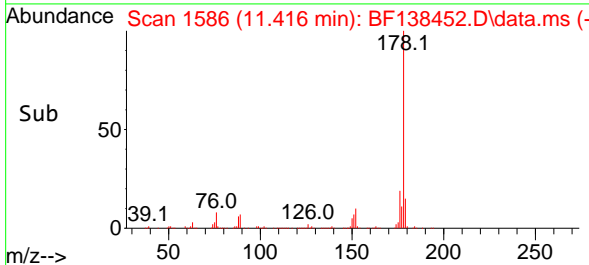
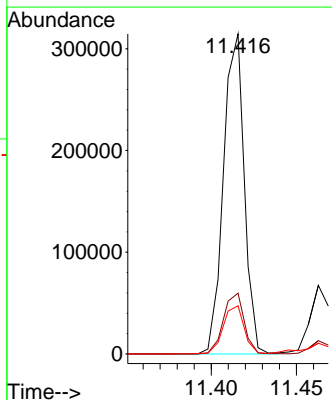
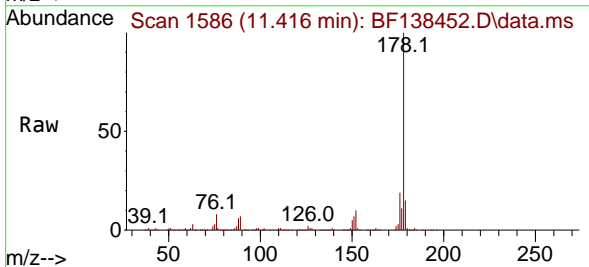
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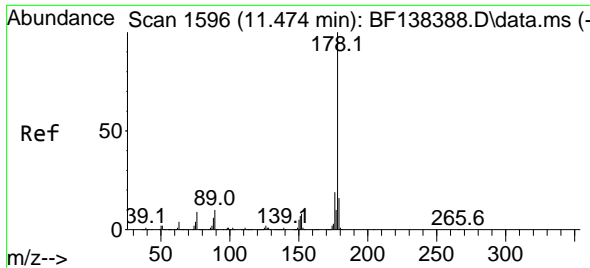
Tgt Ion	Resp	Lower	Upper
198	100		
51	354.2	27.9	67.9#
105	221.8	18.2	58.2#



#71
 Phenanthrene
 Concen: 20.581 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.0	16.1	24.1
179	15.1	12.6	18.8



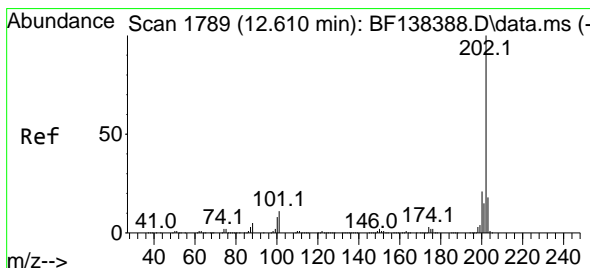
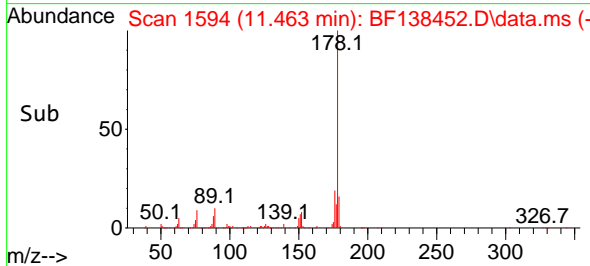
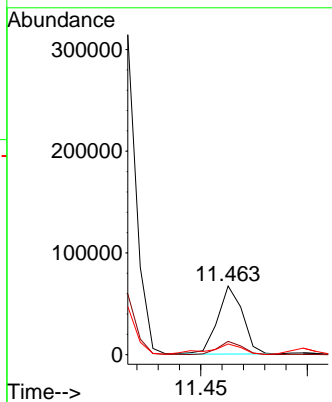
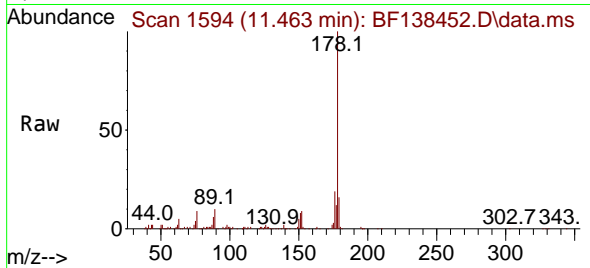


#72
 Anthracene
 Concen: 4.209 ng
 RT: 11.463 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument : BNA_F
 ClientSampleId : B-140-SB00

Tgt Ion:178 Resp: 54624

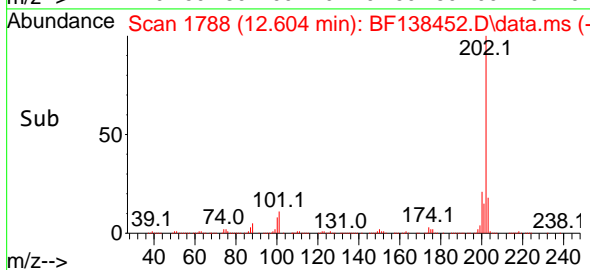
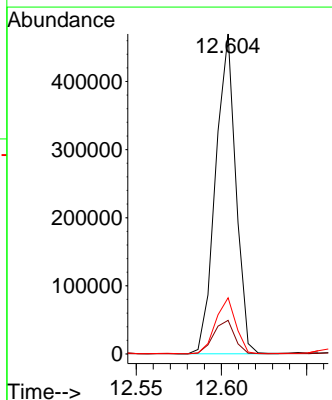
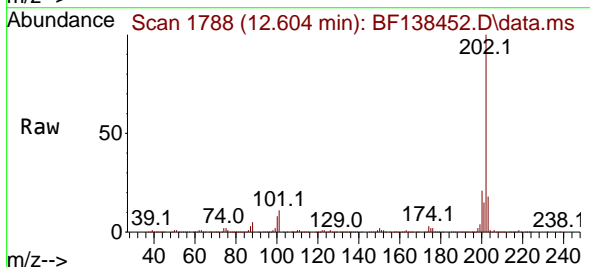
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	15.6	12.7	19.1

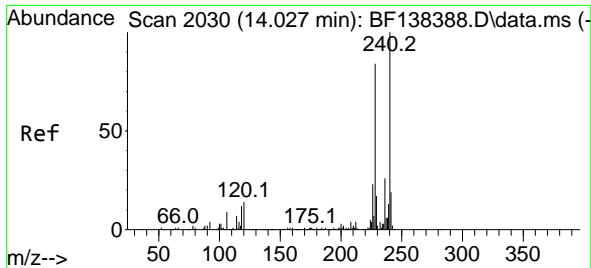


#75
 Fluoranthene
 Concen: 33.255 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:202 Resp: 387978

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	17.5	0.0	37.6

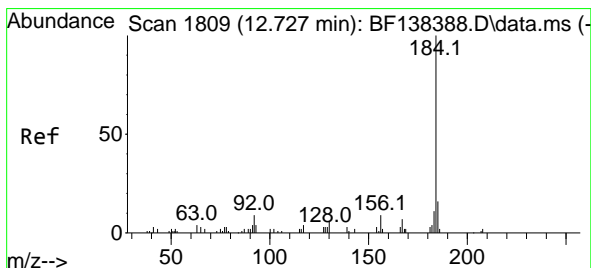
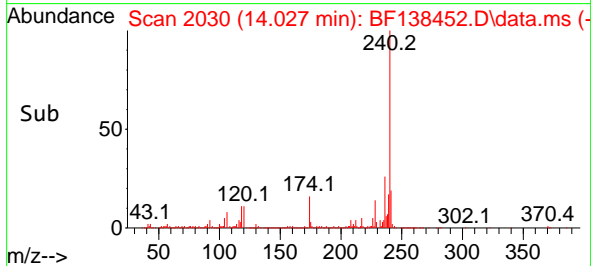
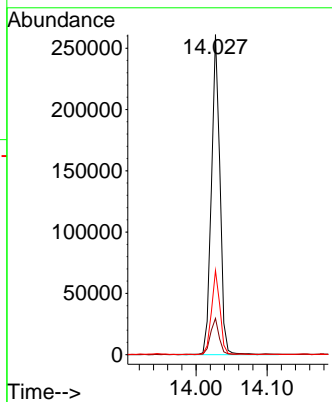
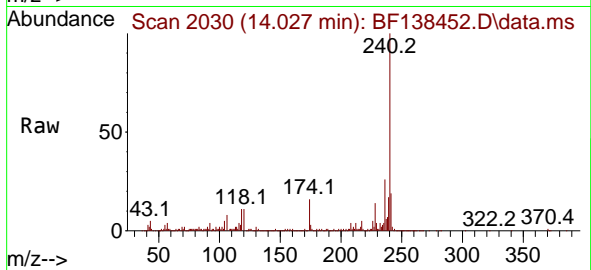




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

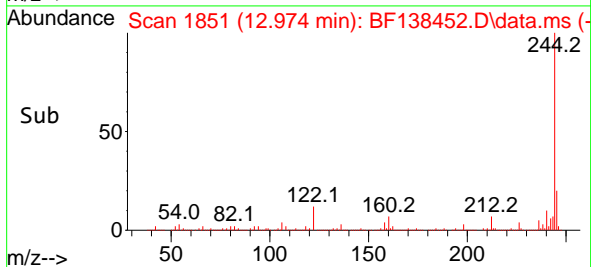
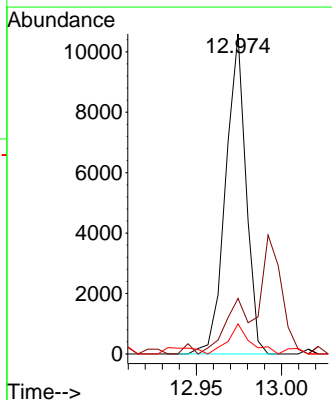
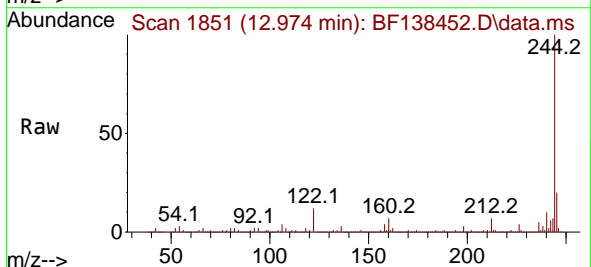
Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

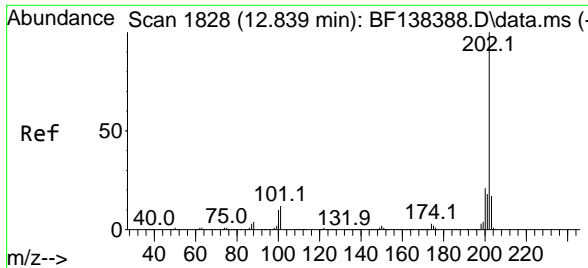
Tgt Ion:240 Resp: 218487
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.9 16.3
 236 26.3 20.6 30.8



#77
 Benzidine
 Concen: 5.027 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.247 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:184 Resp: 8783
 Ion Ratio Lower Upper
 184 100
 185 17.4 13.0 19.4
 183 9.4 9.0 13.6



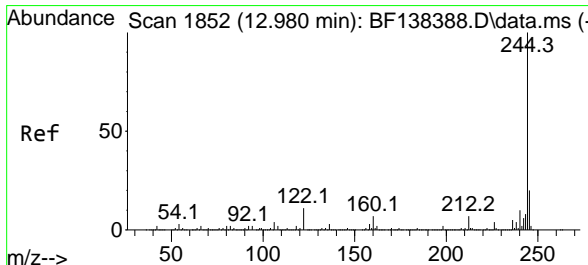
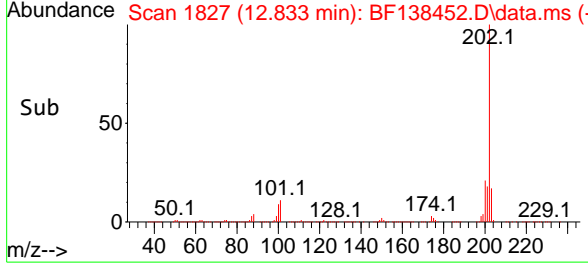
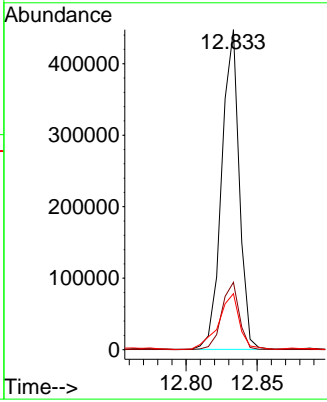
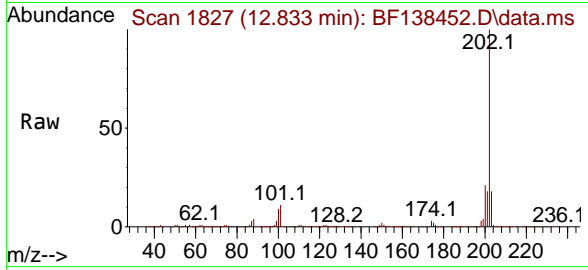


#78
 Pyrene
 Concen: 16.494 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument : BNA_F
 ClientSampleId : B-140-SB00

Tgt Ion: 202 Resp: 385156

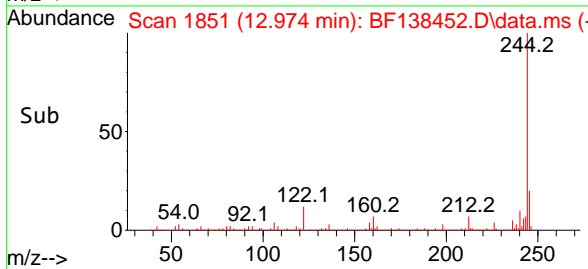
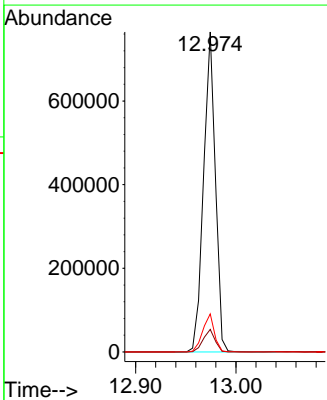
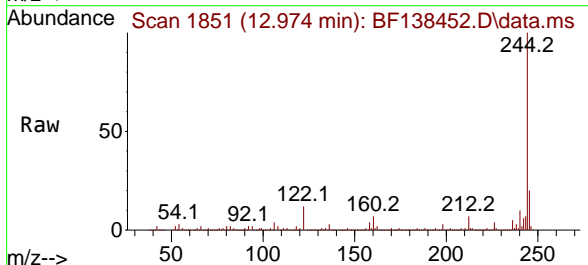
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.5	13.8	20.8

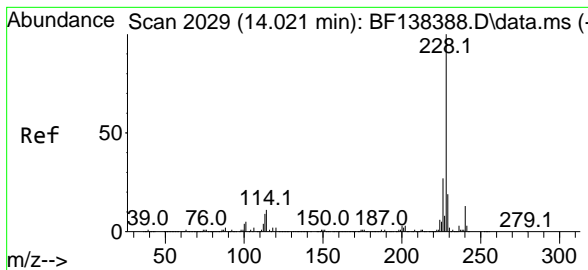


#79
 Terphenyl-d14
 Concen: 39.473 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion: 244 Resp: 629320

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.9	9.0	13.4



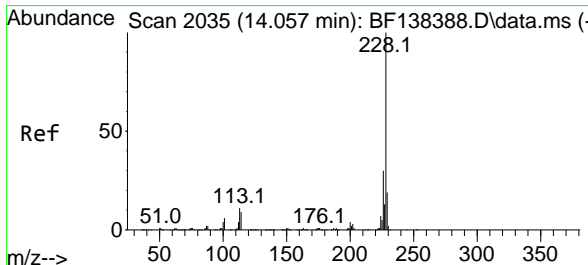
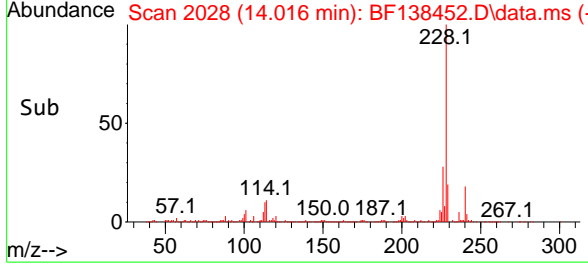
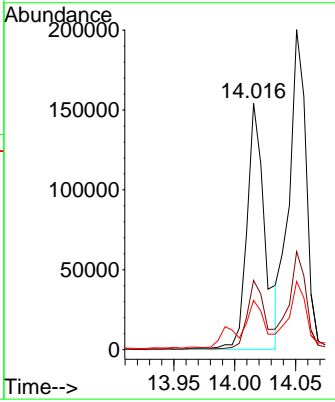
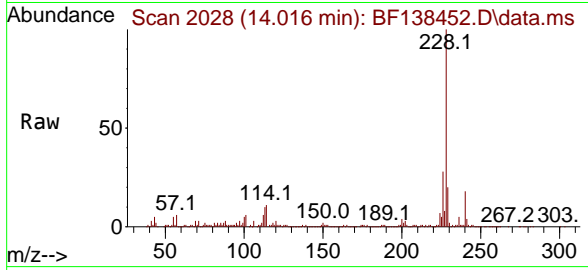


#81
 Benzo(a)anthracene
 Concen: 11.127 ng
 RT: 14.016 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

Tgt Ion:228 Resp: 156473

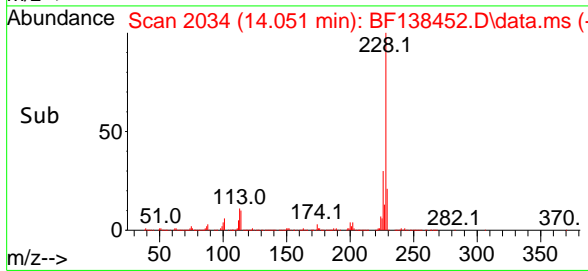
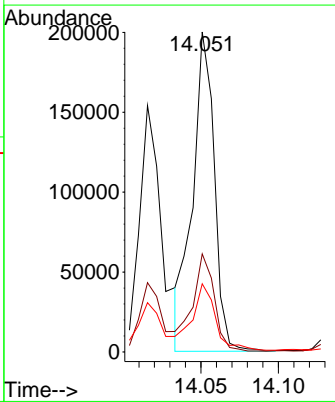
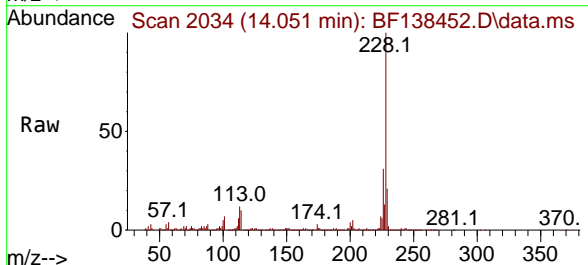
Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	20.0	15.5	23.3

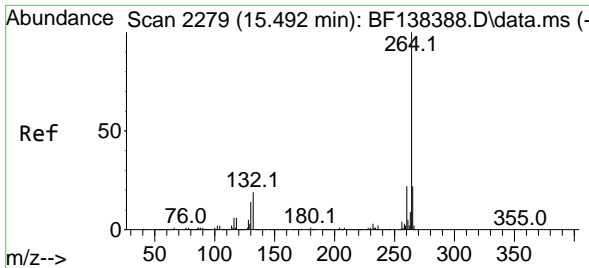


#83
 Chrysene
 Concen: 14.257 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:228 Resp: 195091

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	21.3	15.2	22.8



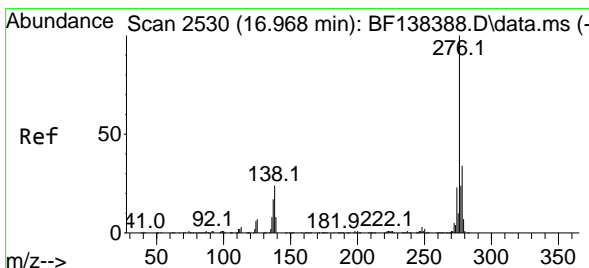
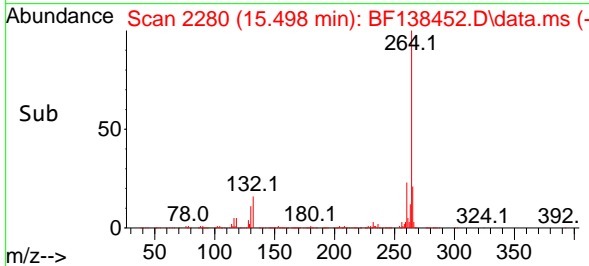
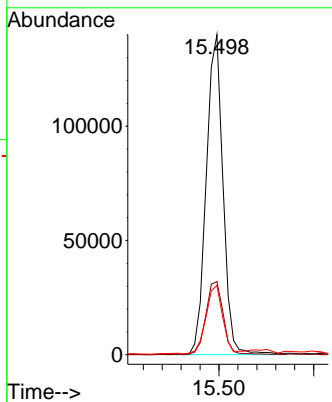
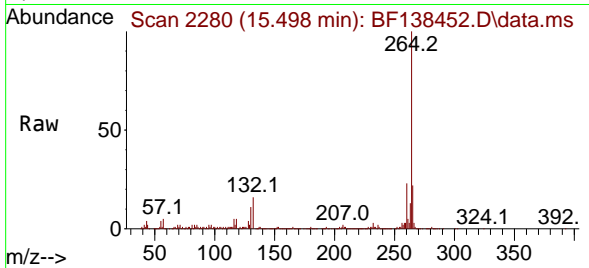


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

Tgt Ion:264 Resp: 172309

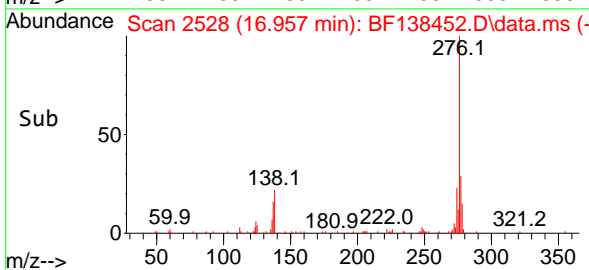
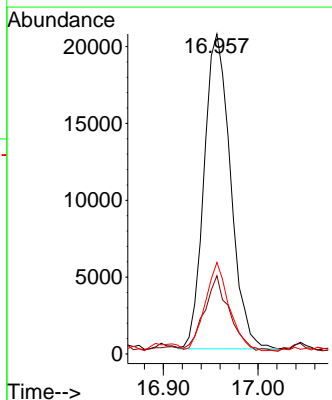
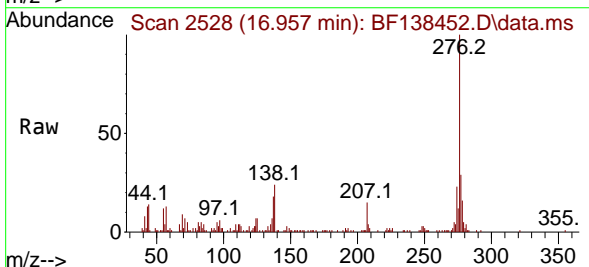
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	21.7	17.5	26.3

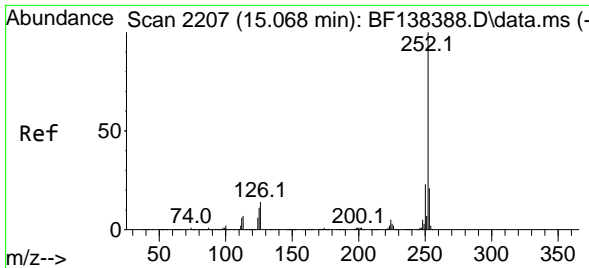


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.599 ng
 RT: 16.957 min Scan# 2528
 Delta R.T. -0.012 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:276 Resp: 39820

Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.1	33.1
277	26.8	20.4	30.6



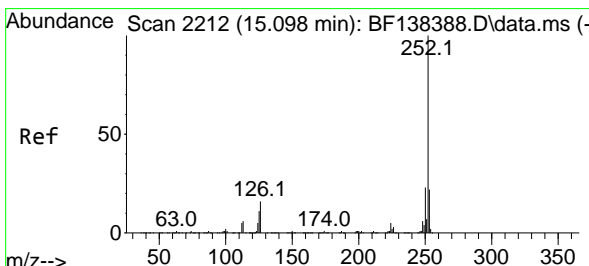
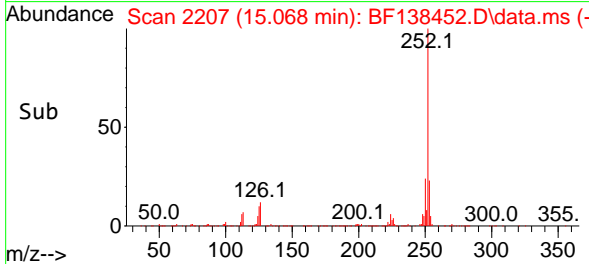
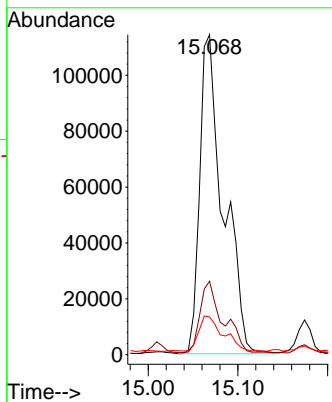
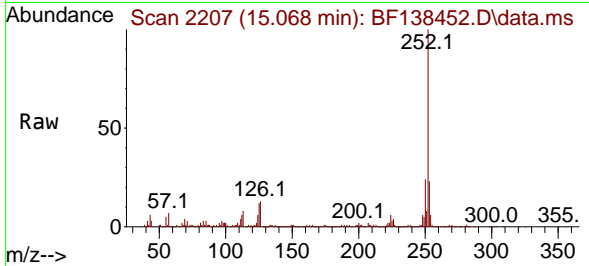


#88
 Benzo(b)fluoranthene
 Concen: 22.040 ng
 RT: 15.068 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

Tgt Ion:252 Resp: 208368

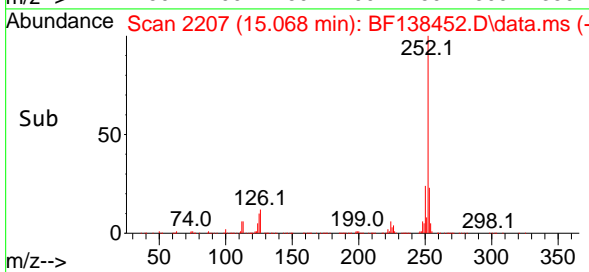
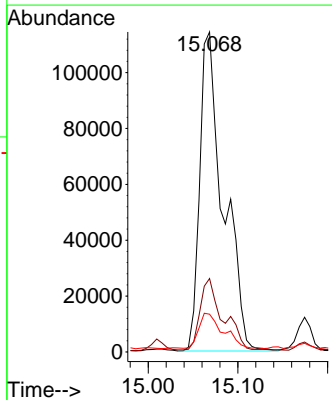
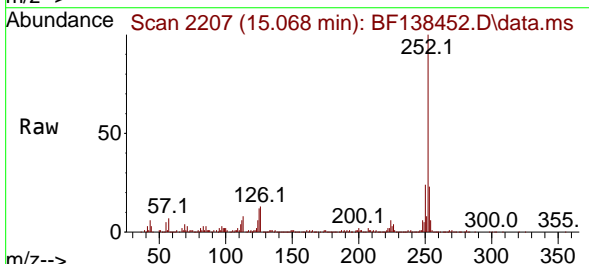
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	11.8	8.6	12.8

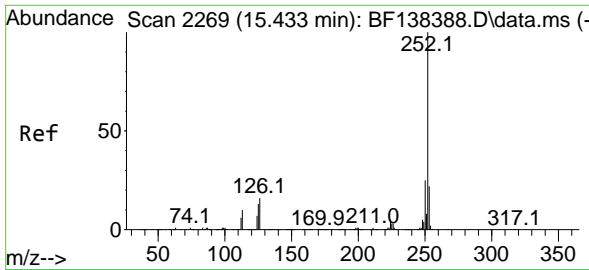


#89
 Benzo(k)fluoranthene
 Concen: 23.929 ng
 RT: 15.068 min Scan# 2207
 Delta R.T. -0.029 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion:252 Resp: 208368

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.8	8.7	13.1

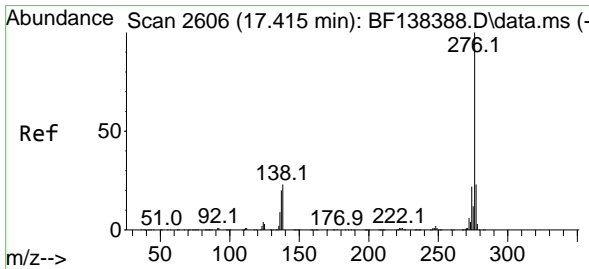
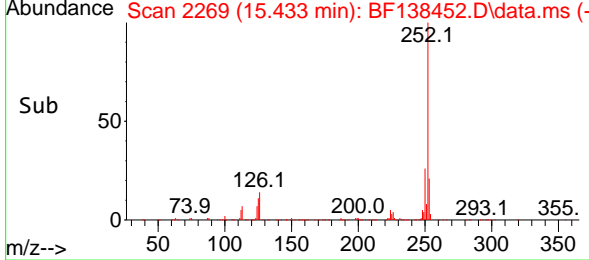
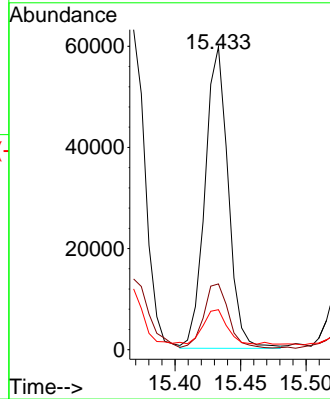
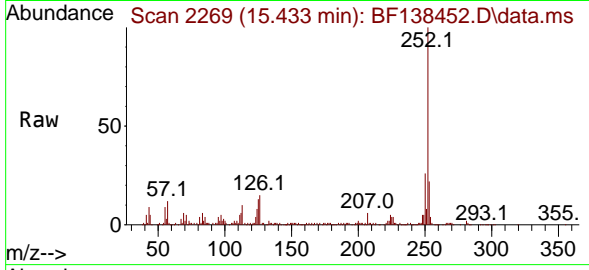




#90
 Benzo(a)pyrene
 Concen: 8.880 ng
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Instrument :
 BNA_F
 ClientSampleId :
 B-140-SB00

Tgt Ion	Resp	Lower	Upper
252	73583		
253	21.7	17.6	26.4
125	13.2	10.2	15.2



#92
 Benzo(g,h,i)perylene
 Concen: 6.016 ng
 RT: 17.404 min Scan# 2604
 Delta R.T. -0.012 min
 Lab File: BF138452.D
 Acq: 03 Jul 2024 18:09

Tgt Ion	Resp	Lower	Upper
276	41127		
277	22.0	18.3	27.5
138	23.5	18.3	27.5

