

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137262.D
 Acq On : 02 Feb 2024 18:47
 Operator : CG\JU
 Sample : P1340-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Feb 02 22:43:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

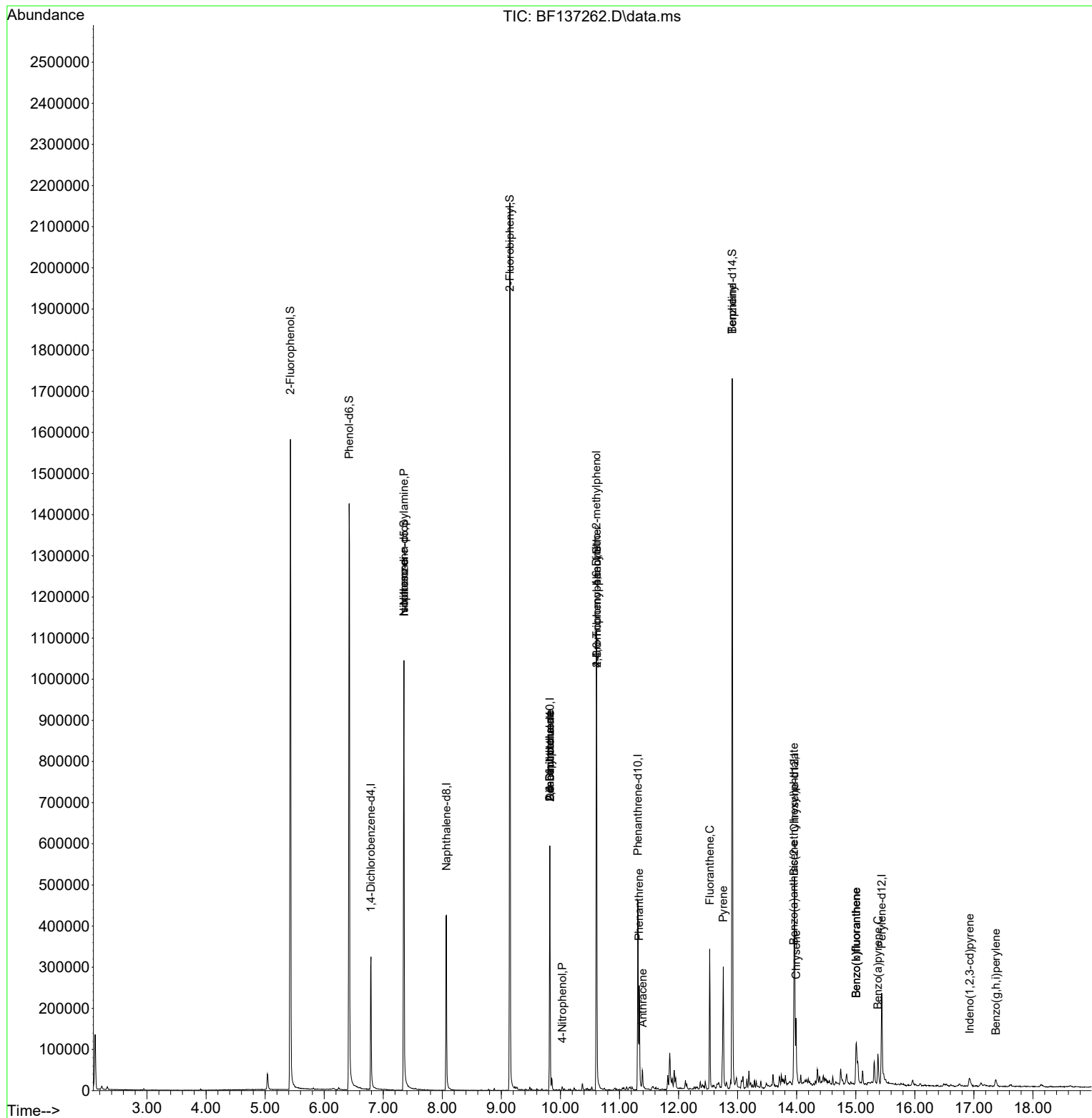
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	53374	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	204708	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	112947	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	178491	20.000	ng	0.00
76) Chrysene-d12	13.963	240	144960	20.000	ng	-0.01
86) Perylene-d12	15.439	264	116264	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	418996	129.534	ng	0.01
7) Phenol-d6	6.422	99	545994	118.279	ng	0.00
23) Nitrobenzene-d5	7.351	82	359339	78.591	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	137752	107.992	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	645946	78.618	ng	0.00
79) Terphenyl-d14	12.910	244	616523	57.818	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	48934	15.461	ng	# 77
25) Isophorone	7.351	82	359338	42.578	ng	# 67
50) Dimethylphthalate	9.822	163	19648	2.575	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	14082	8.655	ng	# 17
56) 4-Nitrophenol	10.033	139	1469	9.448	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	14082	6.670	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.610	198	301	5.737	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	9009	4.590	ng	# 1
71) Phenanthrene	11.333	178	95788	10.251	ng	99
72) Anthracene	11.392	178	26948	2.767	ng	99
75) Fluoranthene	12.527	202	139403	14.257	ng	99
77) Benzidine	12.910	184	7474	2.879	ng	# 95
78) Pyrene	12.757	202	121534	8.724	ng	99
81) Benzo(a)anthracene	13.951	228	72977	7.108	ng	98
83) Chrysene	13.992	228	70580	6.993	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	8506	2.052	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	18152	2.222	ng	96
88) Benzo(b)fluoranthene	15.010	252	90033	12.592	ng	99
89) Benzo(k)fluoranthene	15.010	252	90033	11.903	ng	98
90) Benzo(a)pyrene	15.374	252	41489	6.166	ng	99
92) Benzo(g,h,i)perylene	17.374	276	17027	2.651	ng	# 91

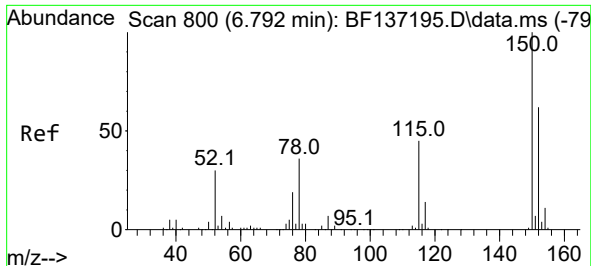
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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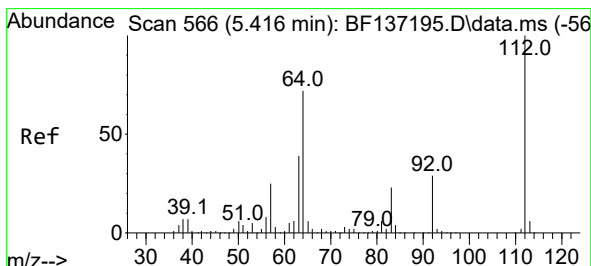
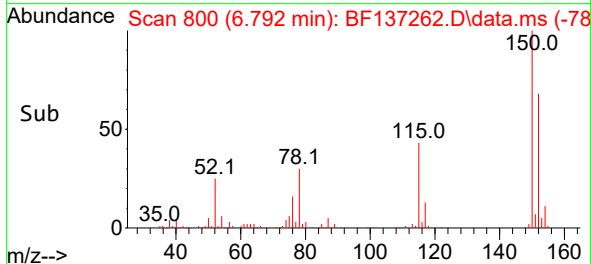
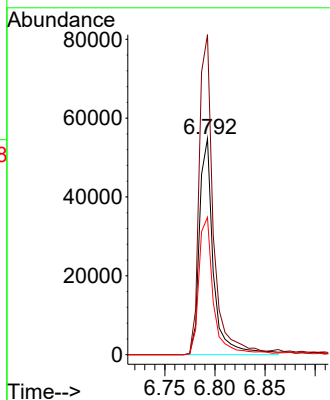
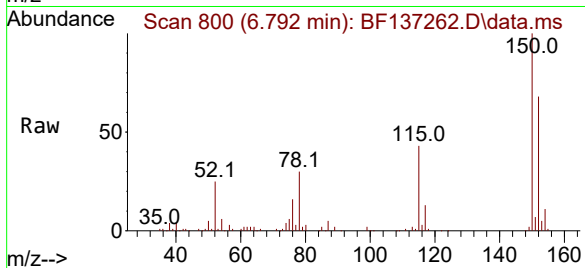




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

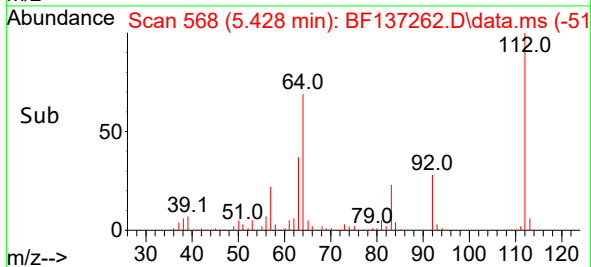
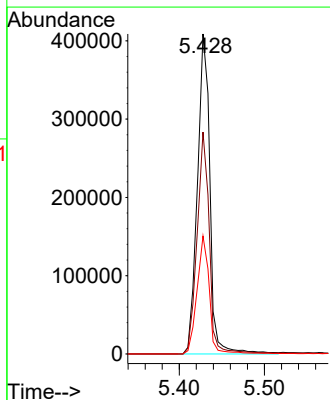
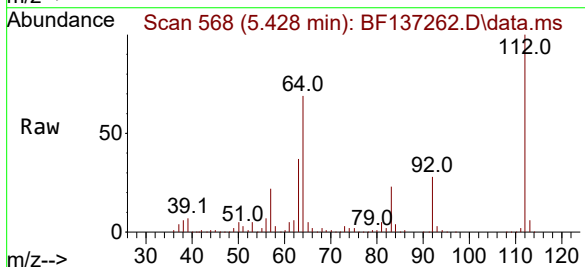
Instrument :
BNA_F
ClientSampleId :
COMP-2

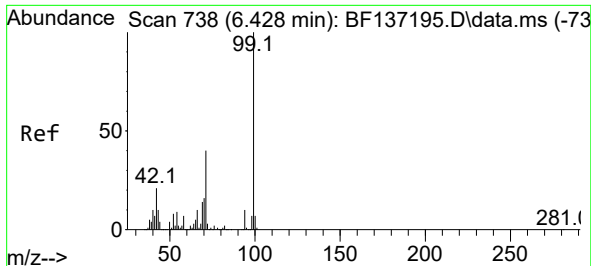
Tgt Ion:152 Resp: 53374
Ion Ratio Lower Upper
152 100
150 148.1 129.8 194.8
115 63.6 58.5 87.7



#5
2-Fluorophenol
Concen: 129.534 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:112 Resp: 418996
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.6
63 36.9 31.4 47.0

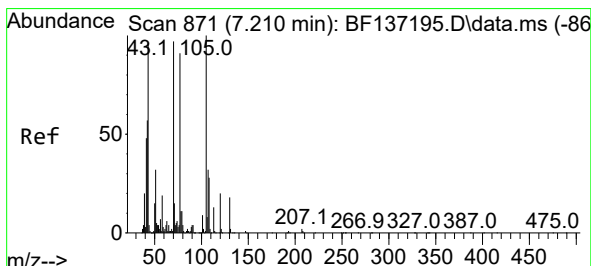
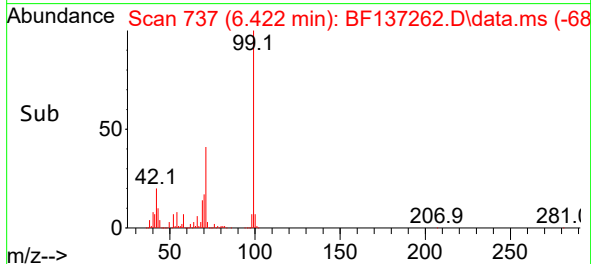
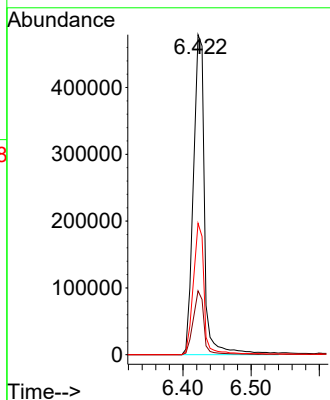
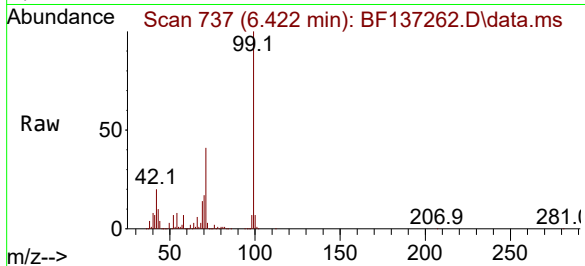




#7
Phenol-d6
Concen: 118.279 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

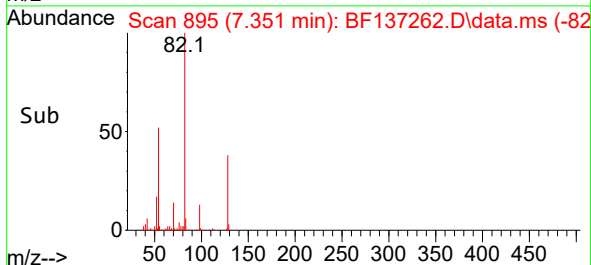
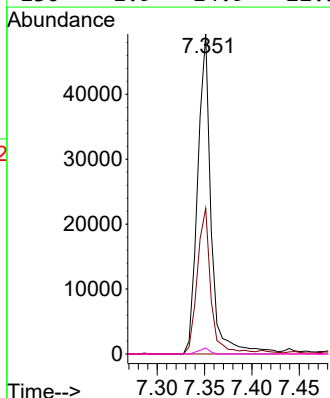
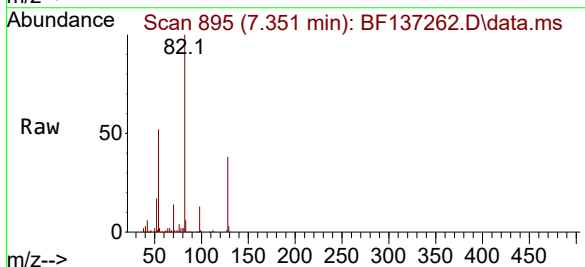
Instrument :
BNA_F
ClientSampleId :
COMP-2

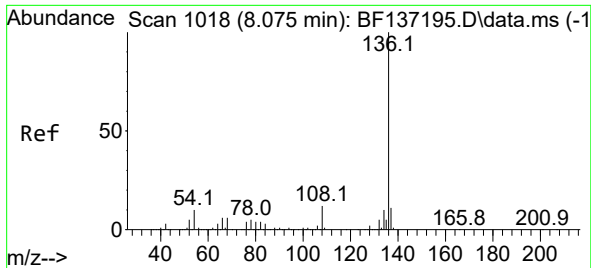
Tgt Ion: 99 Resp: 545994
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 41.1 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.461 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion: 70 Resp: 48934
Ion Ratio Lower Upper
70 100
42 45.5 47.2 70.8#
101 0.0 7.4 11.0#
130 1.9 14.9 22.3#



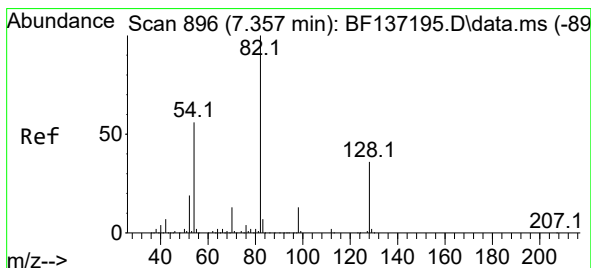
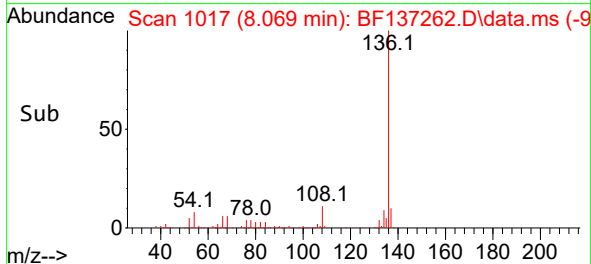
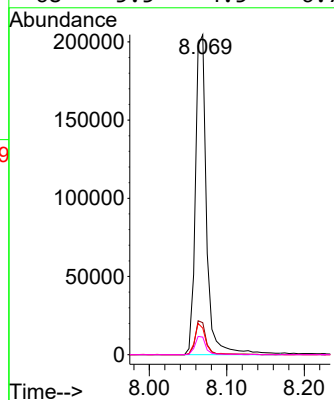
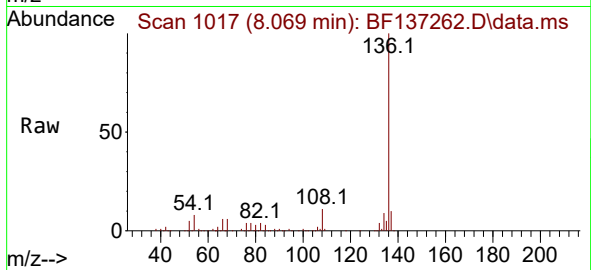


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:136 Resp: 204708

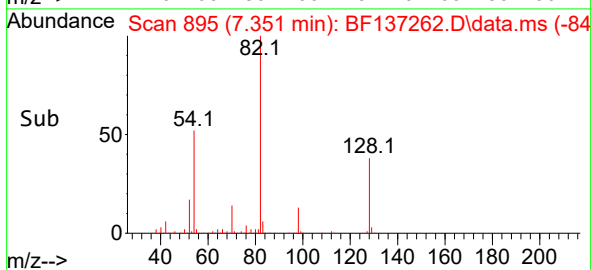
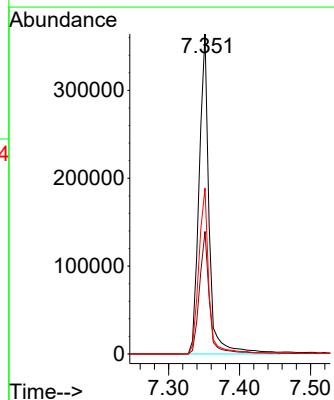
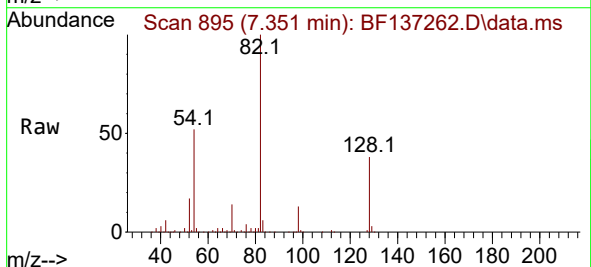
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	8.3	7.8	11.8
68	5.5	4.5	6.7

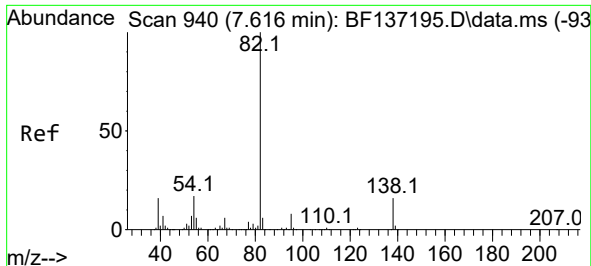


#23
Nitrobenzene-d5
Concen: 78.591 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion: 82 Resp: 359339

Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.1	43.7
54	51.8	45.0	67.6

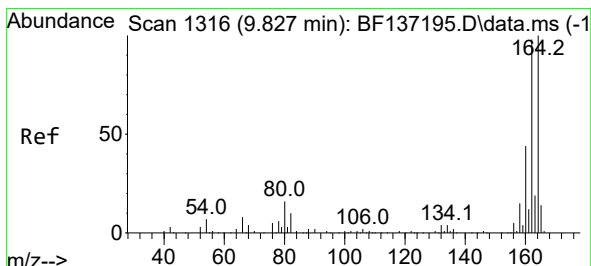
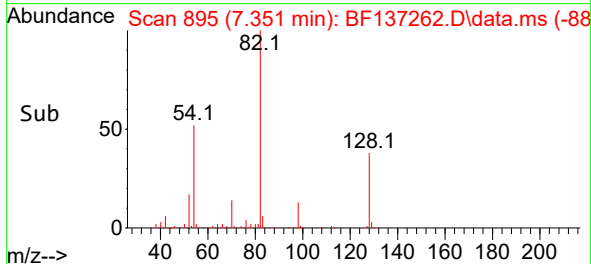
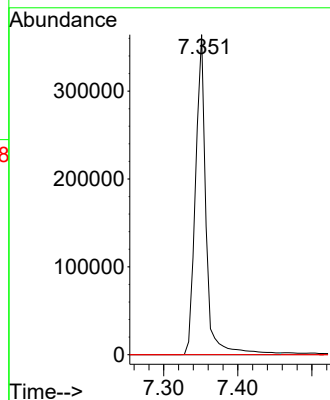
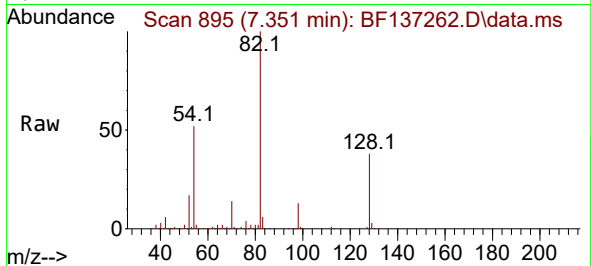




#25
Isophorone
Concen: 42.578 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

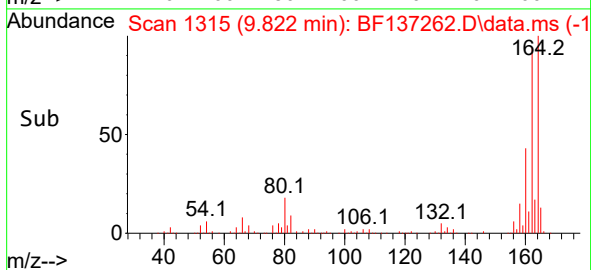
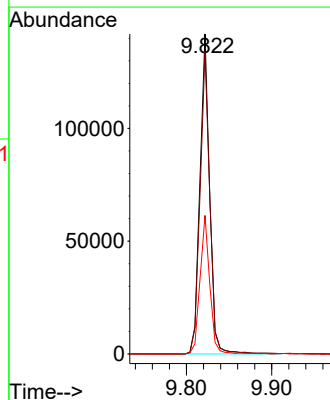
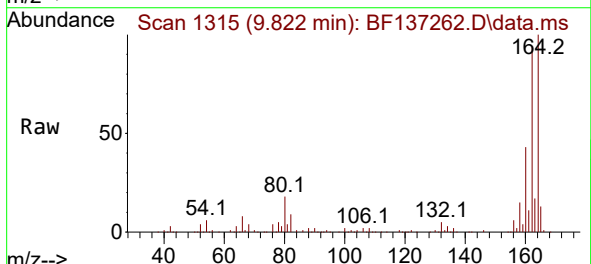
Instrument :
BNA_F
ClientSampleId :
COMP-2

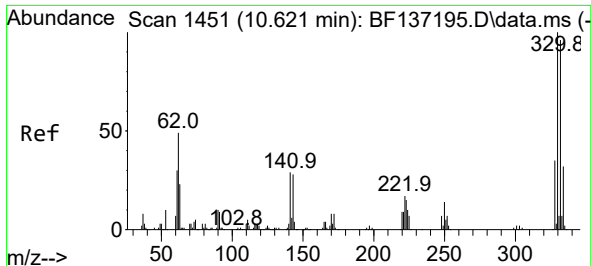
Tgt Ion: 82 Resp: 359338
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:164 Resp: 112947
Ion Ratio Lower Upper
164 100
162 94.4 78.3 117.5
160 43.3 35.4 53.2

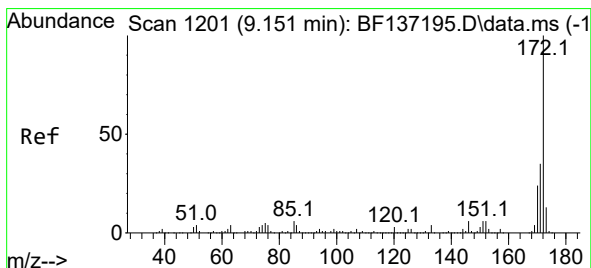
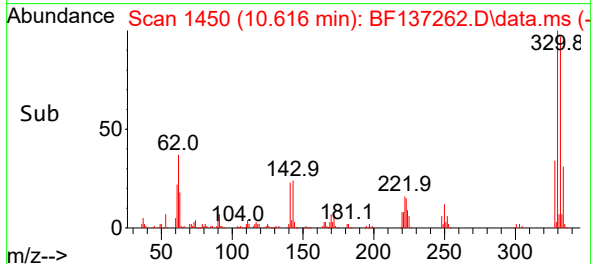
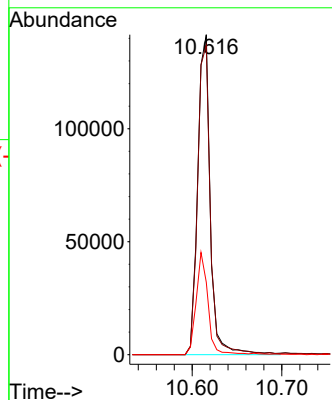
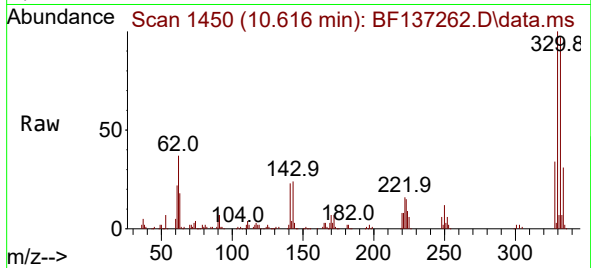




#42
2,4,6-Tribromophenol
Concen: 107.992 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

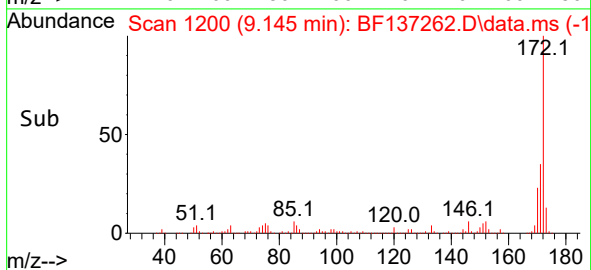
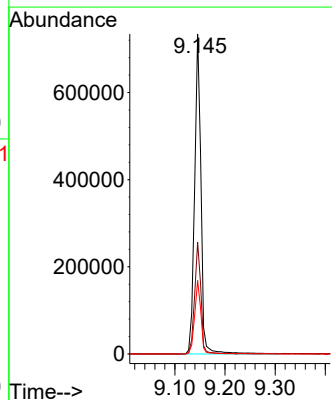
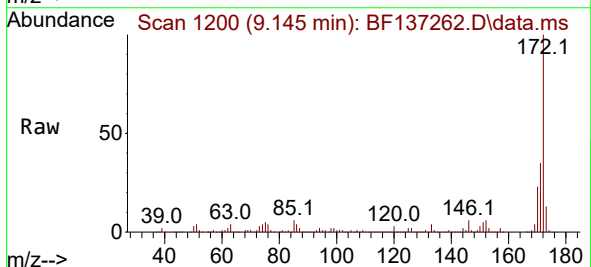
Instrument :
BNA_F
ClientSampleId :
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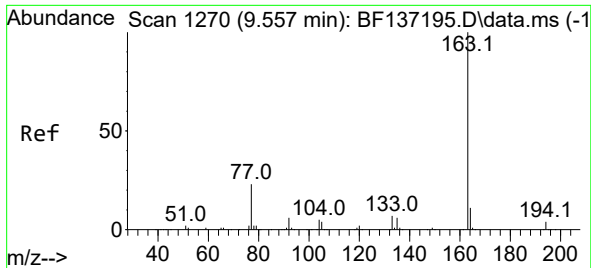
Tgt Ion:330 Resp: 137752
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 29.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 78.618 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:172 Resp: 645946
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 19.1 28.7

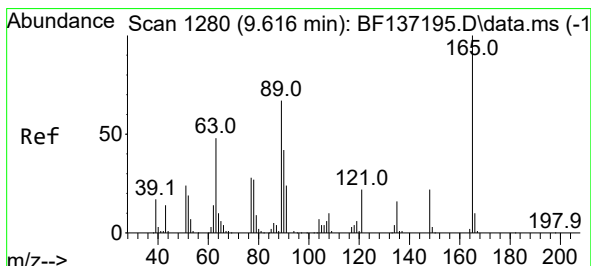
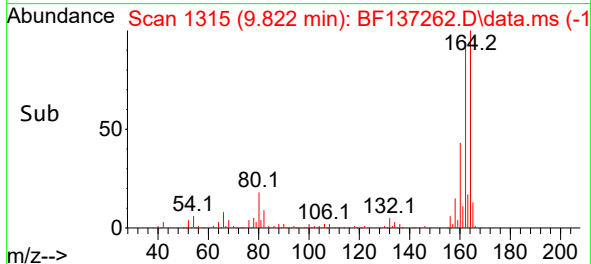
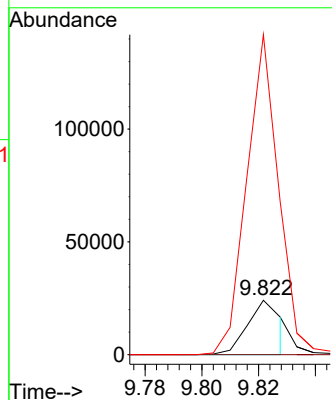
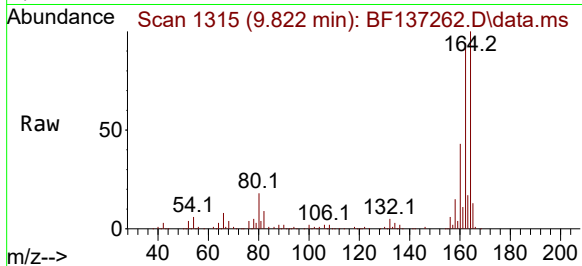




#50
Dimethylphthalate
Concen: 2.575 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

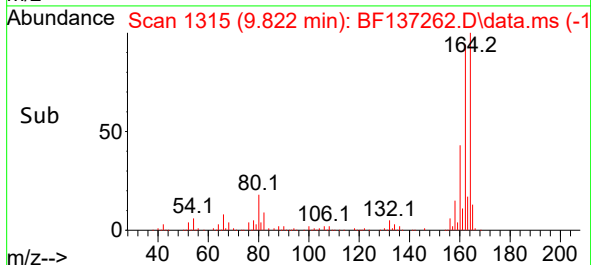
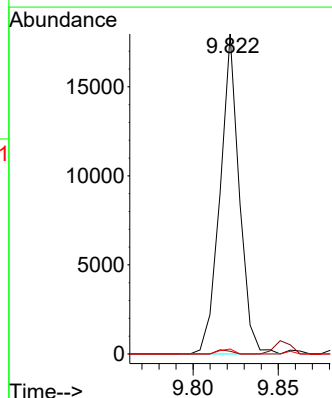
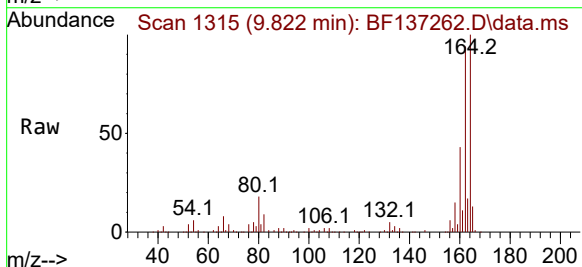
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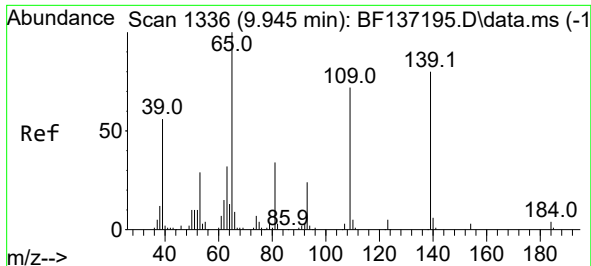
Tgt Ion:163 Resp: 19648
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 588.6 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:165 Resp: 14082
Ion Ratio Lower Upper
165 100
63 0.9 55.1 82.7#
89 1.6 53.5 80.3#

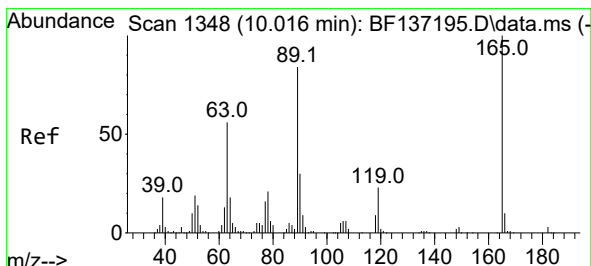
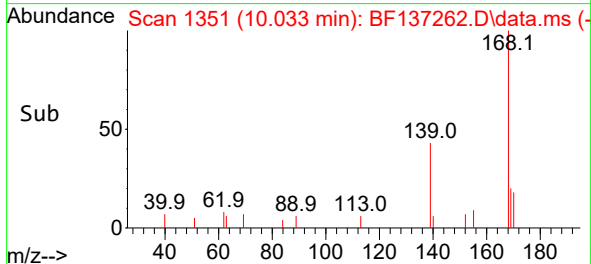
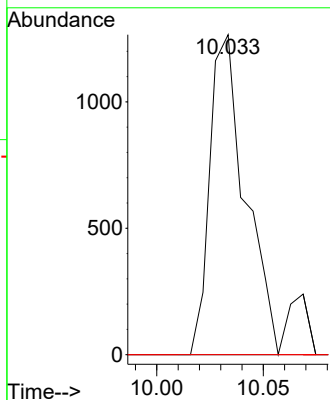
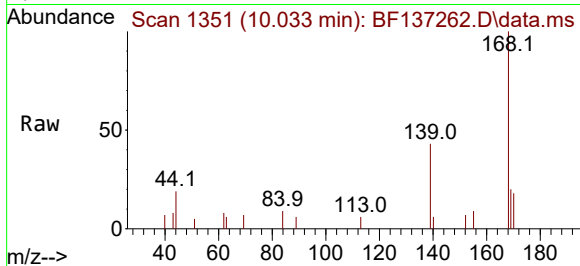




#56
4-Nitrophenol
Concen: 9.448 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

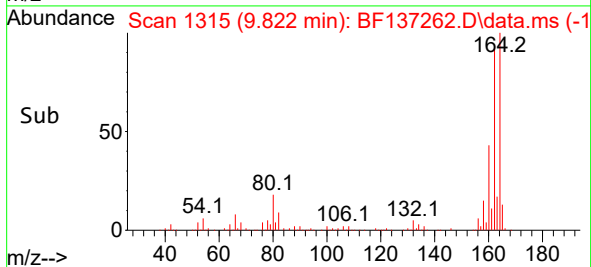
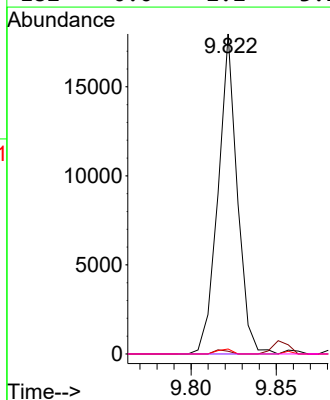
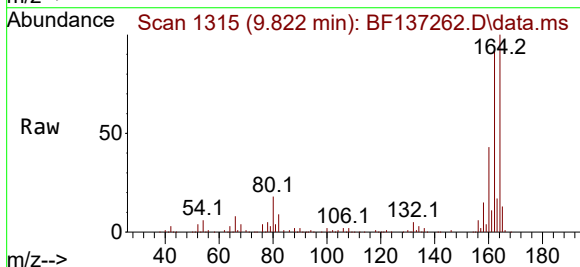
Instrument :
BNA_F
ClientSampleId :
COMP-2

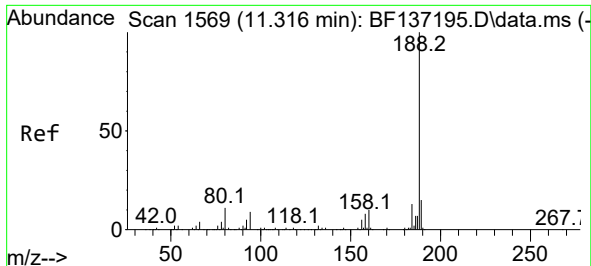
Tgt Ion:139 Resp: 1469
Ion Ratio Lower Upper
139 100
109 0.0 70.4 110.4#
65 0.0 107.6 147.6#



#57
2,4-Dinitrotoluene
Concen: 6.670 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:165 Resp: 14082
Ion Ratio Lower Upper
165 100
63 0.9 46.1 69.1#
89 1.6 67.5 101.3#
182 0.0 2.2 3.2#

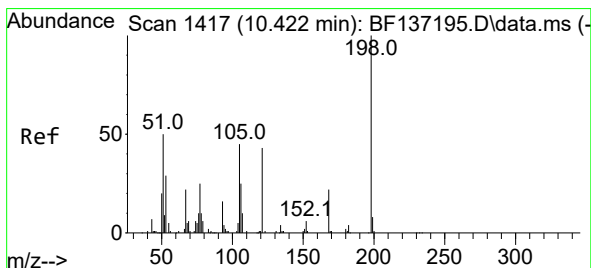
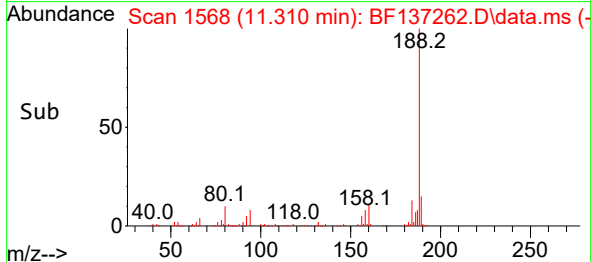
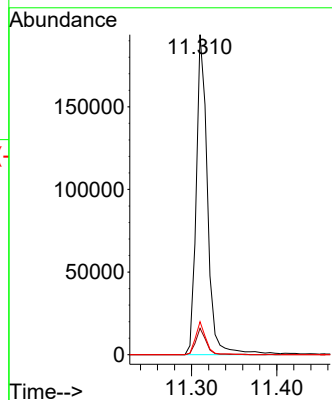
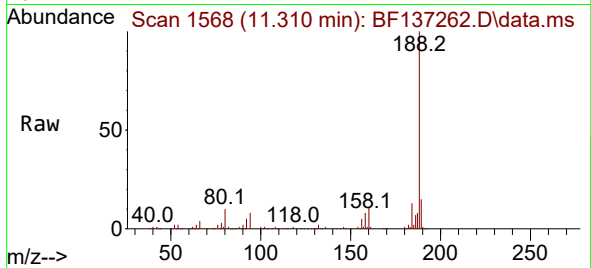




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

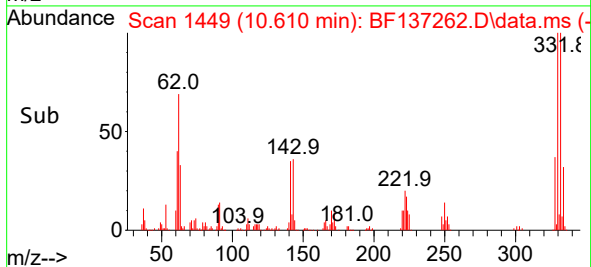
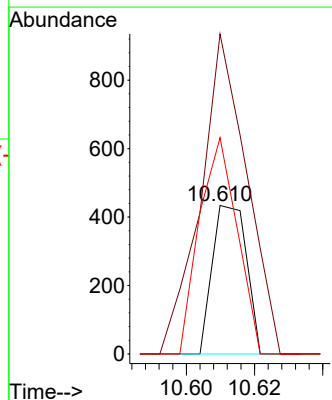
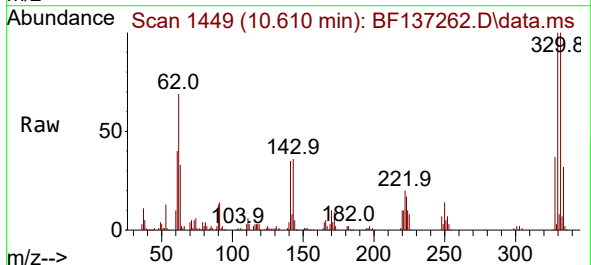
Instrument :
BNA_F
ClientSampleId :
COMP-2

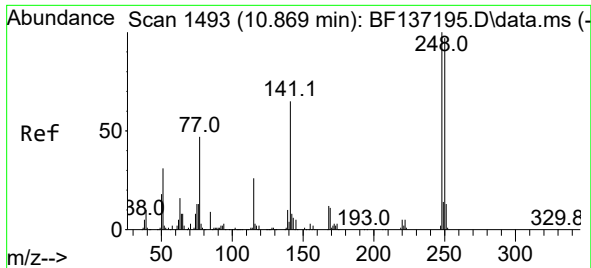
Tgt Ion:188 Resp: 178491
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 10.3 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.737 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.188 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:198 Resp: 301
Ion Ratio Lower Upper
198 100
51 215.4 40.9 80.9#
105 145.6 26.5 66.5#

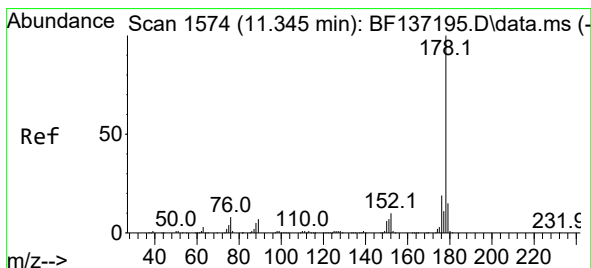
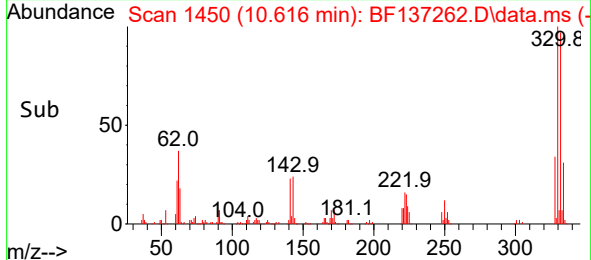
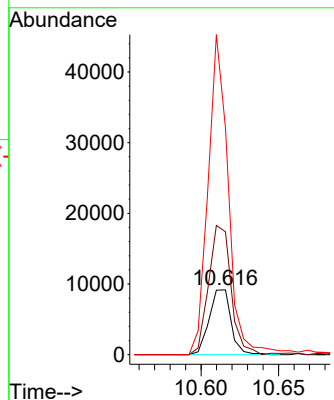
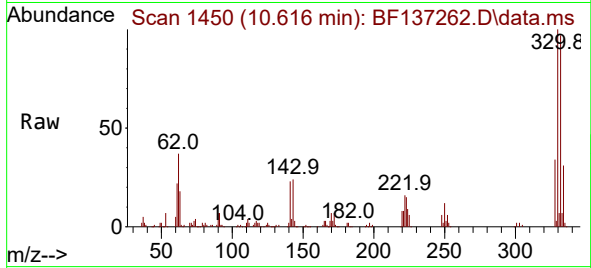




#67
4-Bromophenyl-phenylether
Concen: 4.590 ng
RT: 10.616 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

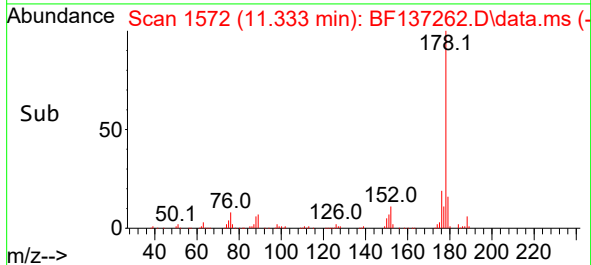
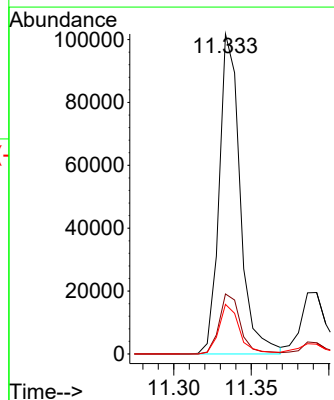
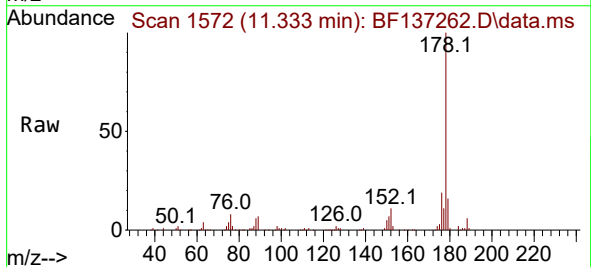
Instrument :
BNA_F
ClientSampleId :
COMP-2

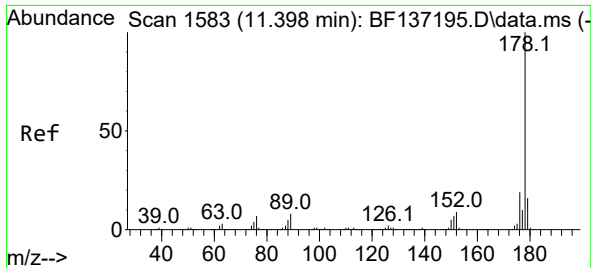
Tgt Ion:248 Resp: 9009
Ion Ratio Lower Upper
248 100
250 189.5 77.7 116.5#
141 349.3 51.6 77.4#



#71
Phenanthrene
Concen: 10.251 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

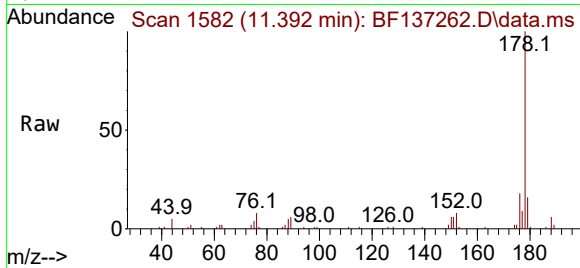
Tgt Ion:178 Resp: 95788
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.1 18.1



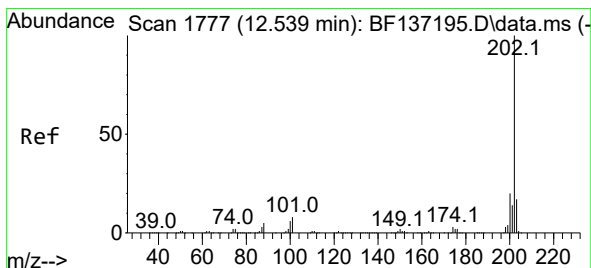
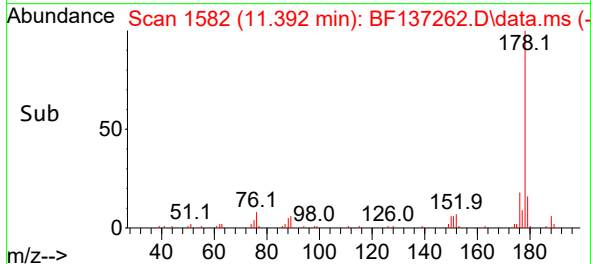
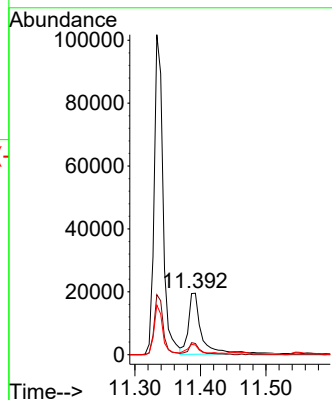


#72
 Anthracene
 Concen: 2.767 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137262.D
 Acq: 02 Feb 2024 18:47

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

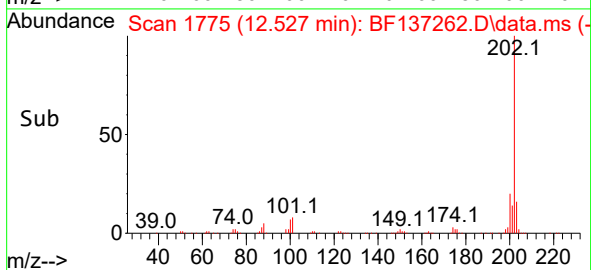
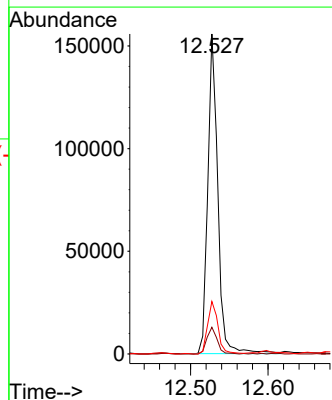
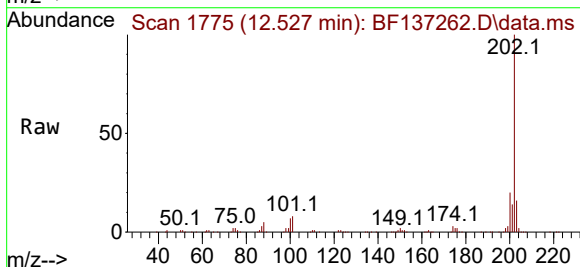


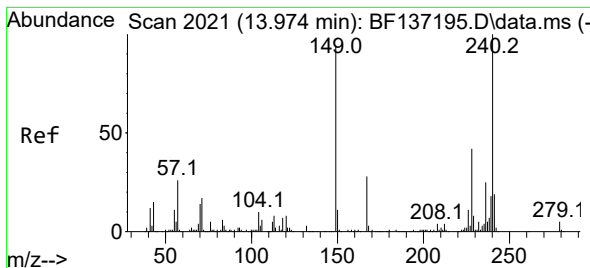
Tgt Ion:178 Resp: 26948
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.3 22.9
 179 15.8 12.7 19.1



#75
 Fluoranthene
 Concen: 14.257 ng
 RT: 12.527 min Scan# 1775
 Delta R.T. -0.012 min
 Lab File: BF137262.D
 Acq: 02 Feb 2024 18:47

Tgt Ion:202 Resp: 139403
 Ion Ratio Lower Upper
 202 100
 101 8.3 0.0 28.4
 203 16.4 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137262.D

Acq: 02 Feb 2024 18:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

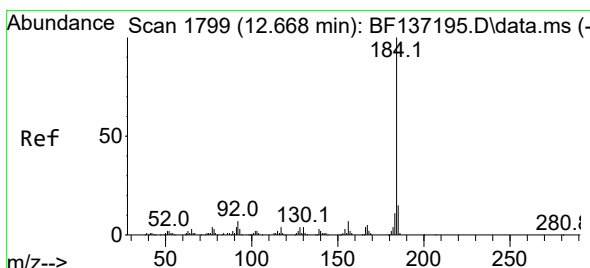
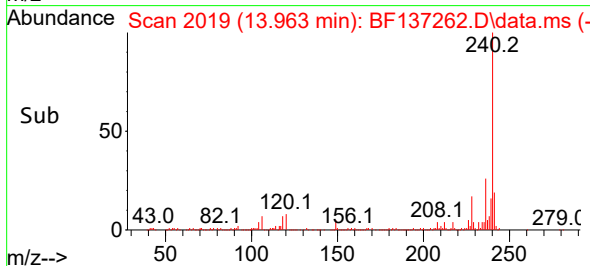
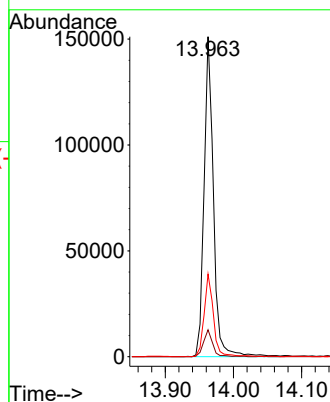
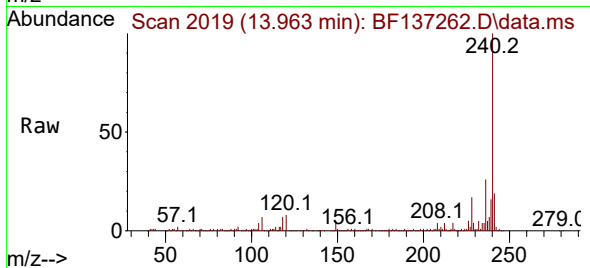
Tgt Ion:240 Resp: 144960

Ion Ratio Lower Upper

240 100

120 8.4 6.3 9.5

236 25.8 20.3 30.5



#77

Benidine

Concen: 2.879 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.242 min

Lab File: BF137262.D

Acq: 02 Feb 2024 18:47

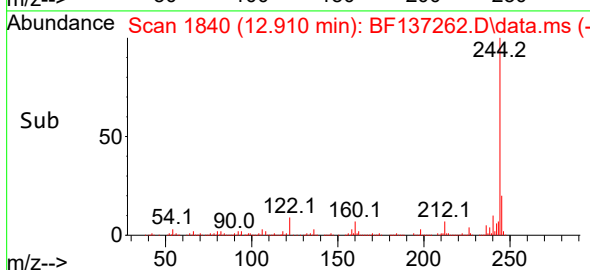
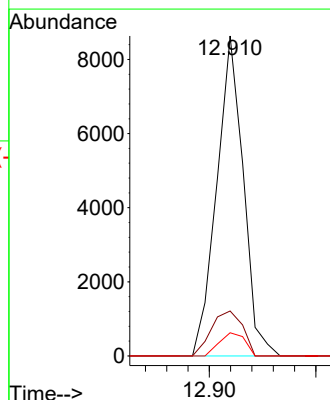
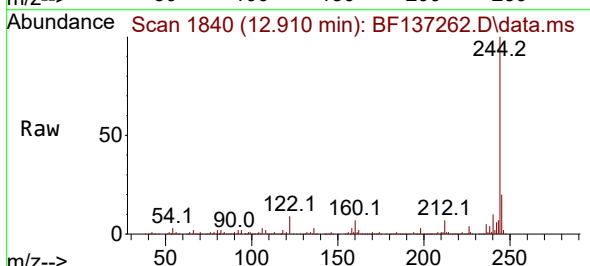
Tgt Ion:184 Resp: 7474

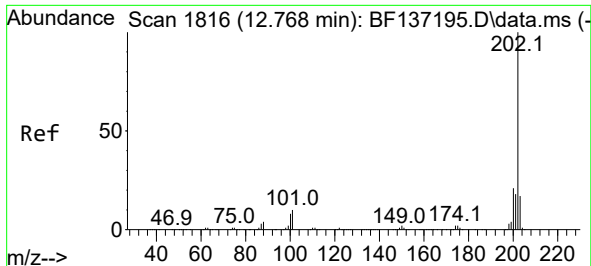
Ion Ratio Lower Upper

184 100

185 14.0 11.9 17.9

183 7.3 8.8 13.2#

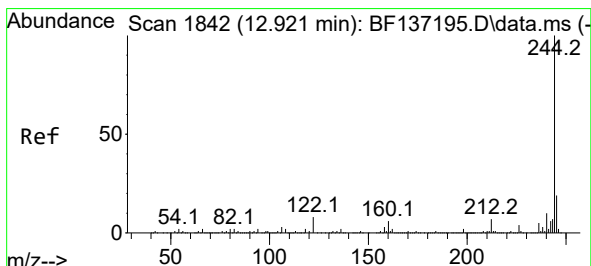
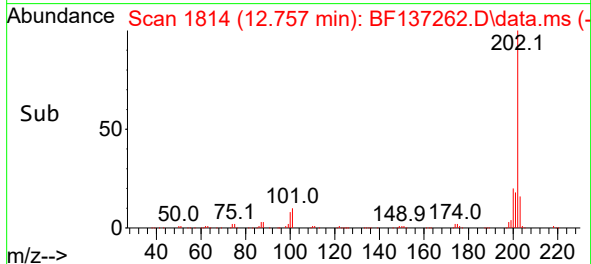
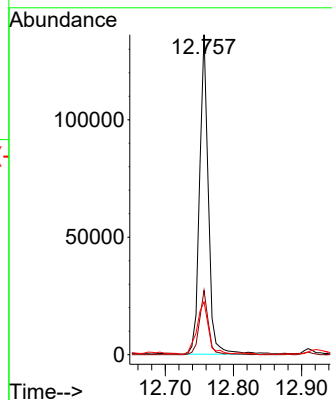
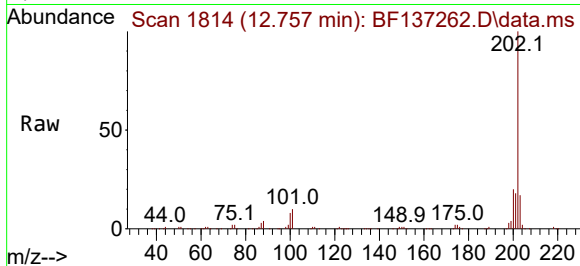




#78
Pyrene
Concen: 8.724 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

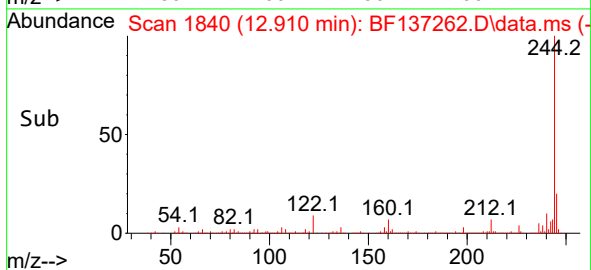
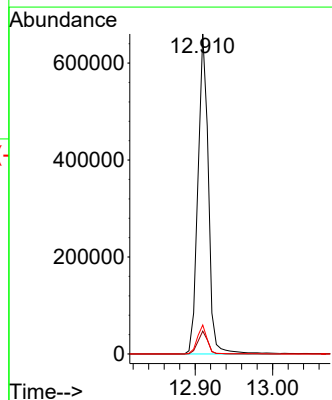
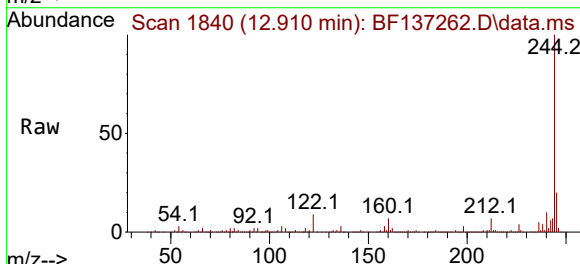
Instrument :
BNA_F
ClientSampleId :
COMP-2

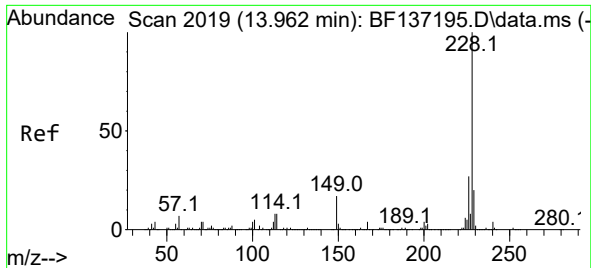
Tgt Ion:202 Resp: 121534
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 16.5 13.8 20.6



#79
Terphenyl-d14
Concen: 57.818 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:244 Resp: 616523
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.1 6.2 9.4

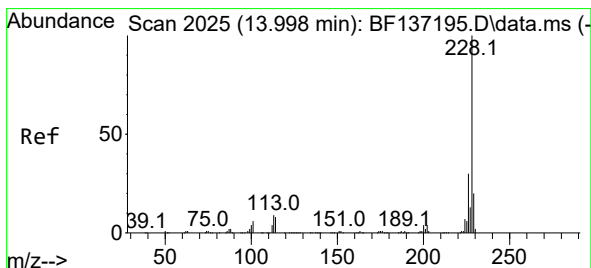
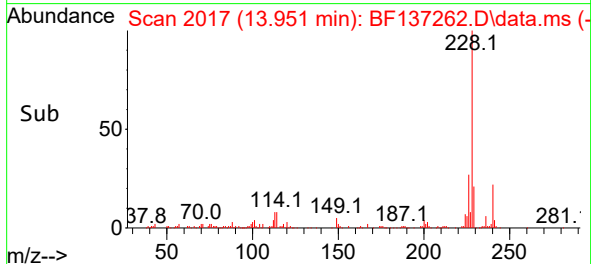
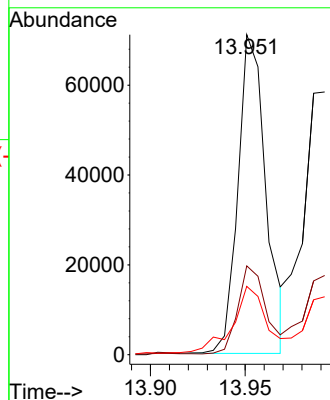
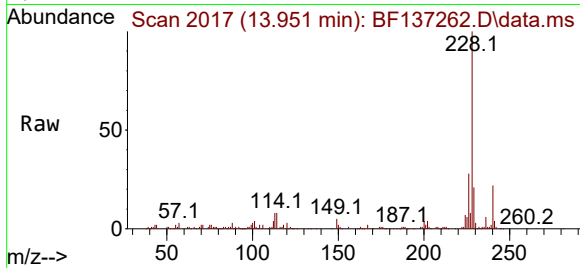




#81
Benzo(a)anthracene
Concen: 7.108 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

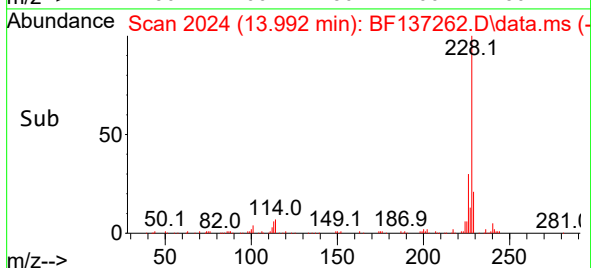
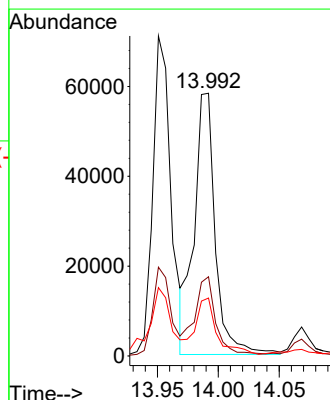
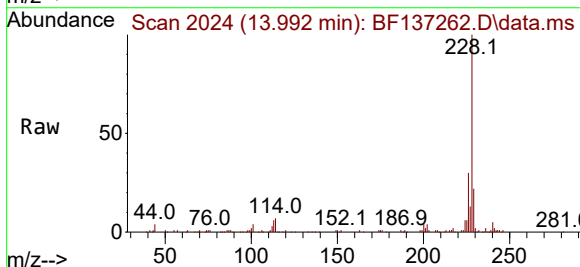
Instrument :
BNA_F
ClientSampleId :
COMP-2

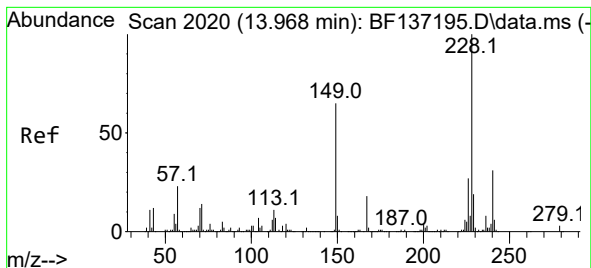
Tgt Ion:228 Resp: 72977
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 21.3 15.8 23.6



#83
Chrysene
Concen: 6.993 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:228 Resp: 70580
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 22.1 15.6 23.4

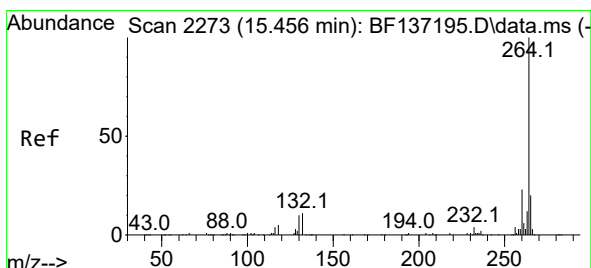
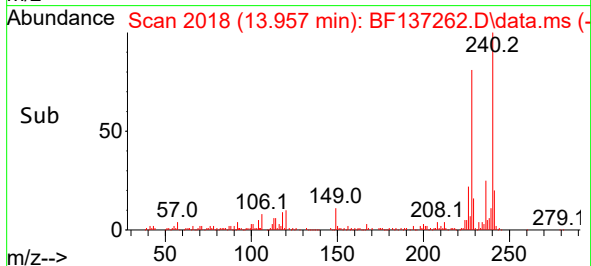
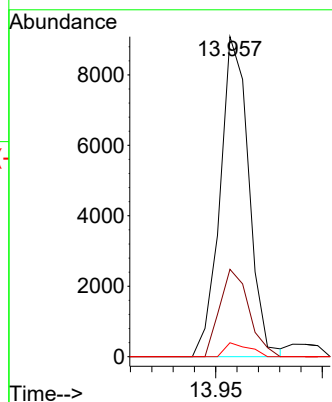
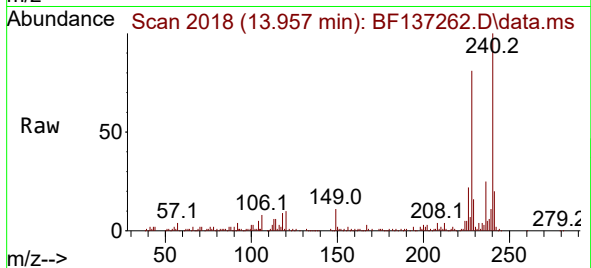




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.052 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

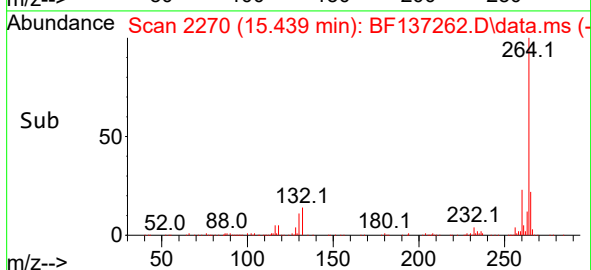
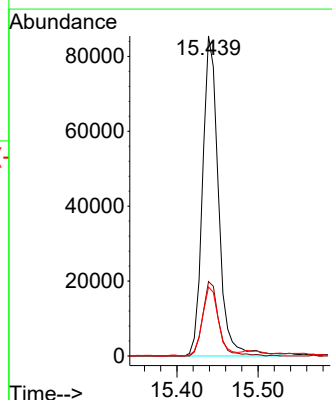
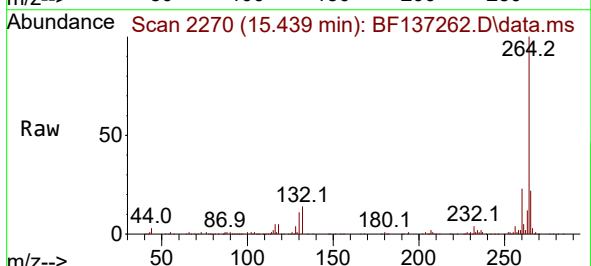
Instrument :
BNA_F
ClientSampleId :
COMP-2

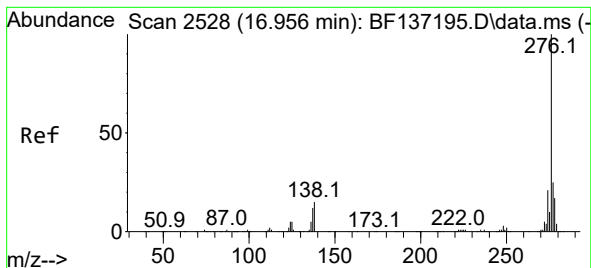
Tgt Ion:149 Resp: 8506
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 4.3 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

Tgt Ion:264 Resp: 116264
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 21.6 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.222 ng

RT: 16.927 min Scan# 2197

Delta R.T. -0.029 min

Lab File: BF137262.D

Acq: 02 Feb 2024 18:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

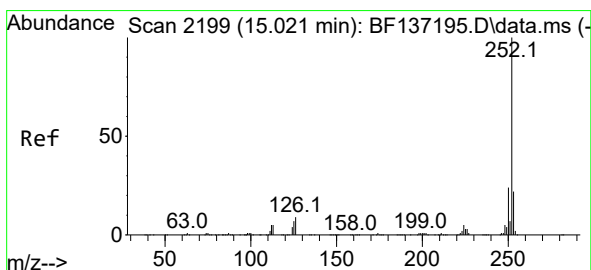
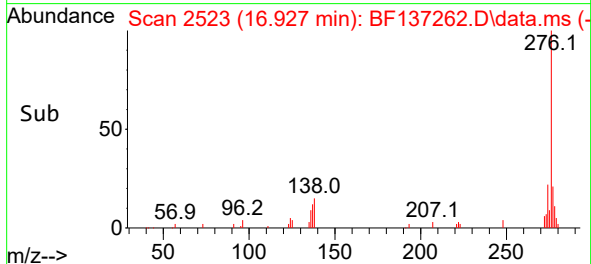
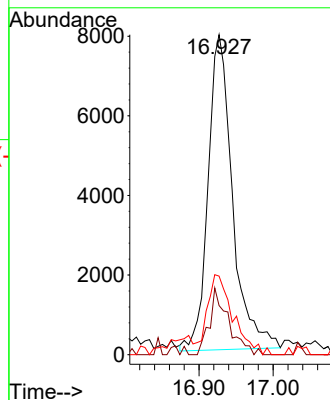
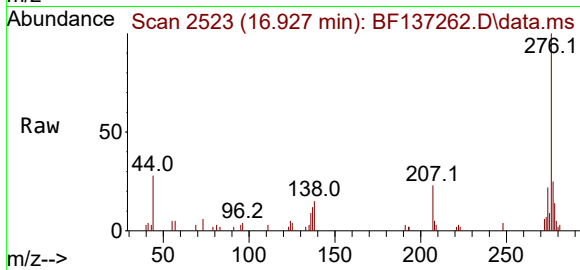
Tgt Ion:276 Resp: 18152

Ion Ratio Lower Upper

276 100

138 16.7 14.6 21.8

277 27.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 12.592 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF137262.D

Acq: 02 Feb 2024 18:47

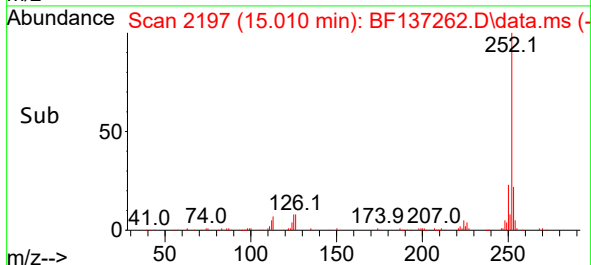
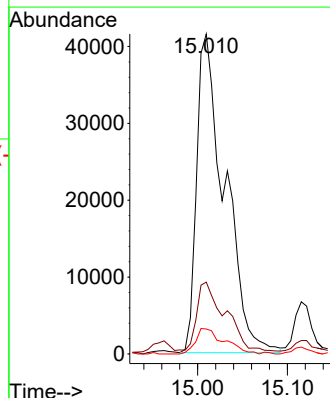
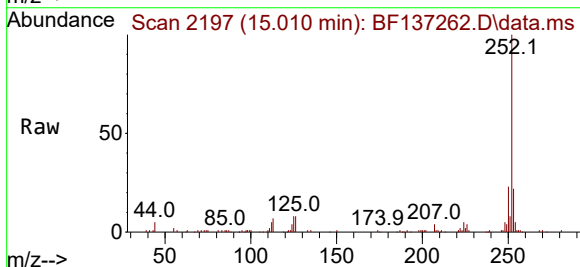
Tgt Ion:252 Resp: 90033

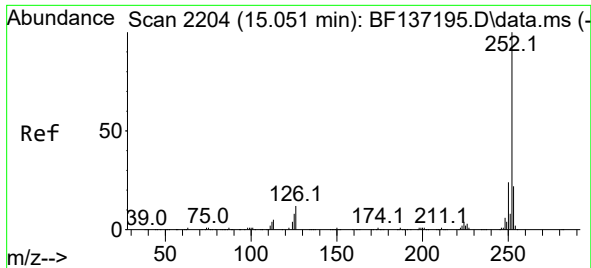
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 7.8 5.4 8.2

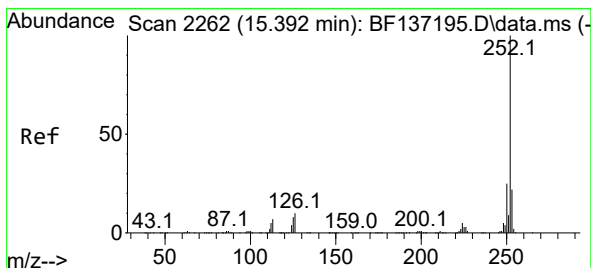
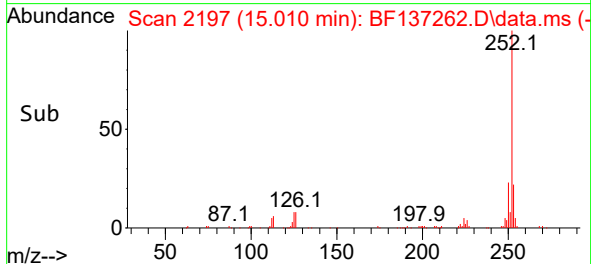
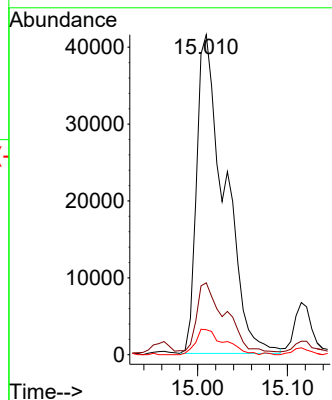
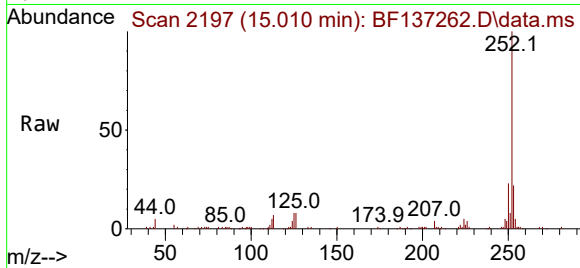




#89
Benzo(k)fluoranthene
Concen: 11.903 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.041 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

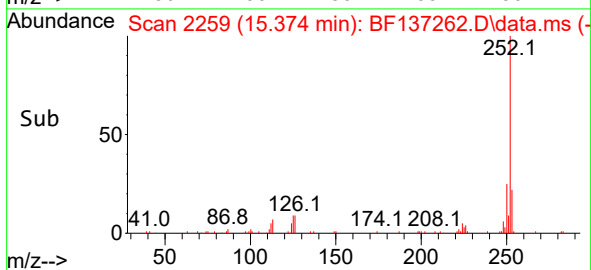
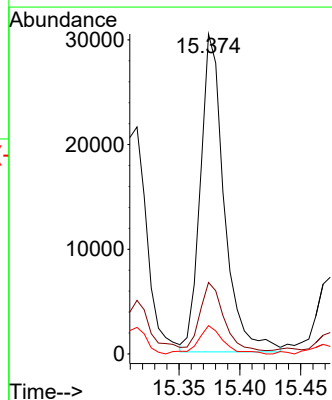
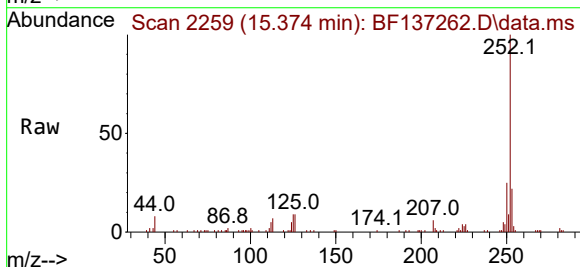
Instrument :
BNA_F
ClientSampleId :
COMP-2

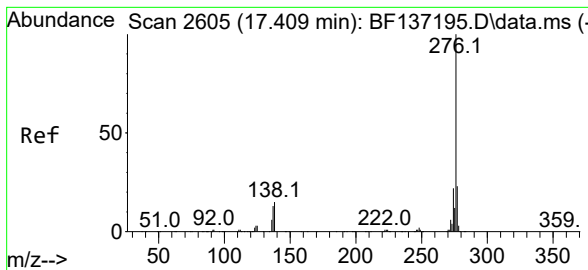
Tgt Ion:252 Resp: 90033
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 7.8 5.9 8.9



#90
Benzo(a)pyrene
Concen: 6.166 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.018 min
Lab File: BF137262.D
Acq: 02 Feb 2024 18:47

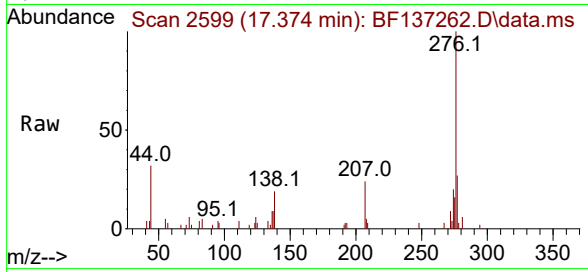
Tgt Ion:252 Resp: 41489
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.9 6.5 9.7





#92
 Benzo(g,h,i)perylene
 Concen: 2.651 ng
 RT: 17.374 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF137262.D
 Acq: 02 Feb 2024 18:47

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2



Tgt Ion:	276	Resp:	17027
Ion Ratio	Lower	Upper	
276	100		
277	27.1	18.4	27.6
138	18.8	11.8	17.8#

