

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137568.D
 Acq On : 11 Mar 2024 21:20
 Operator : CG\JU
 Sample : P1701-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-3-COMP

Quant Time: Mar 12 02:08:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

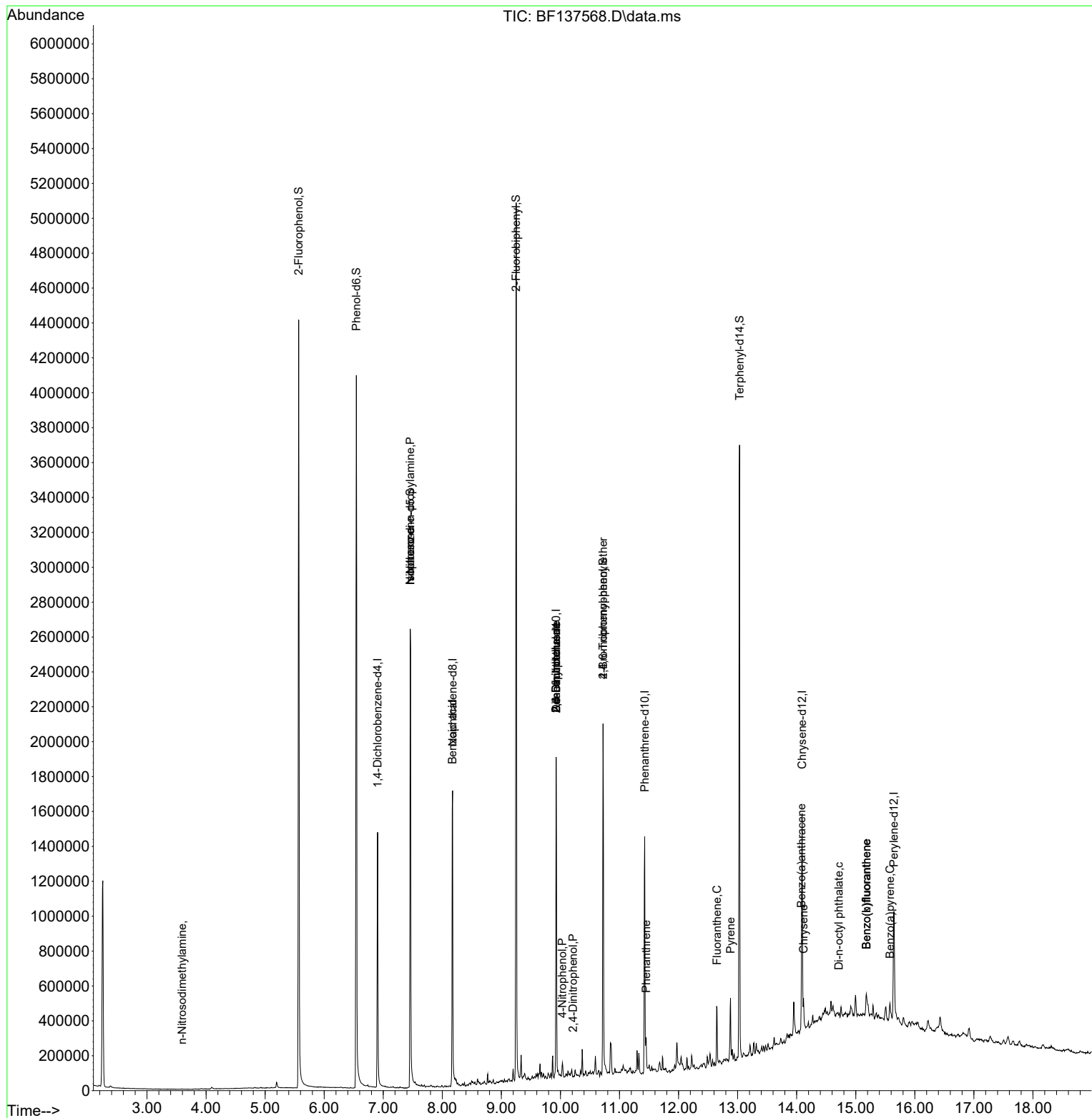
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	216995	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	797037	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	368901	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	528449	20.000	ng	0.00
76) Chrysene-d12	14.092	240	411981	20.000	ng	0.00
86) Perylene-d12	15.645	264	332886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1221406	85.249	ng	0.00
7) Phenol-d6	6.545	99	1629213	78.777	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1005608	58.623	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	235668	72.746	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1513839	64.237	ng	0.00
79) Terphenyl-d14	13.033	244	1286345	42.935	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.593	42	656	3.887	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	128193	10.038	ng	# 81
25) Isophorone	7.457	82	1005602	30.857	ng	# 69
32) Benzoic acid	8.169	122	169	6.319	ng	# 1
50) Dimethylphthalate	9.927	163	58241	2.268	ng	# 1
51) 2,6-Dinitrotoluene	9.927	165	47999	8.936	ng	# 20
54) 2,4-Dinitrophenol	10.216	184	67	8.248	ng	# 47
56) 4-Nitrophenol	10.033	139	620	4.671	ng	# 1
57) 2,4-Dinitrotoluene	9.927	165	47999	7.274	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	16645	2.892	ng	# 1
71) Phenanthrene	11.451	178	71735	2.494	ng	99
75) Fluoranthene	12.651	202	148310	5.276	ng	98
78) Pyrene	12.880	202	150737	3.729	ng	99
81) Benzo(a)anthracene	14.080	228	74267	2.572	ng	99
83) Chrysene	14.115	228	72137	2.472	ng	97
85) Di-n-octyl phthalate	14.715	149	1265	5.651	ng	# 22
88) Benzo(b)fluoranthene	15.180	252	95524	4.851	ng	# 85
89) Benzo(k)fluoranthene	15.180	252	95524	4.516	ng	# 83
90) Benzo(a)pyrene	15.580	252	45685	2.354	ng	# 85

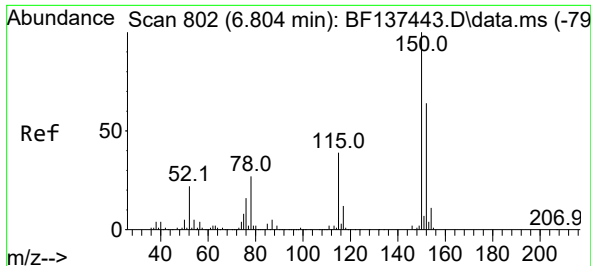
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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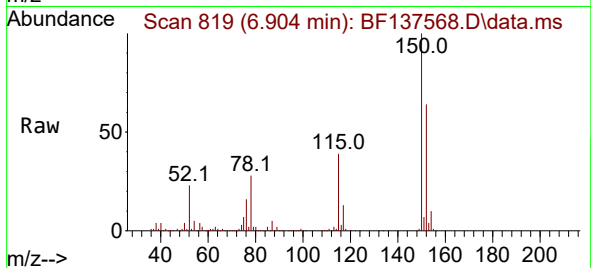
Quant Time: Mar 12 02:08:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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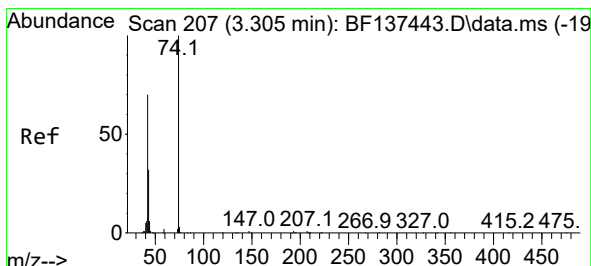
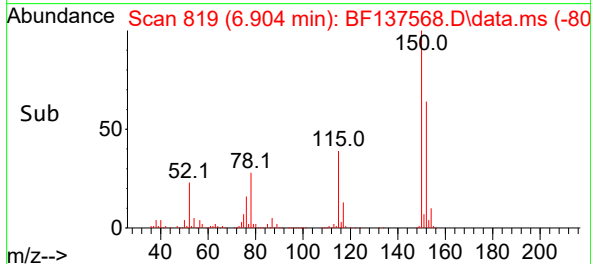
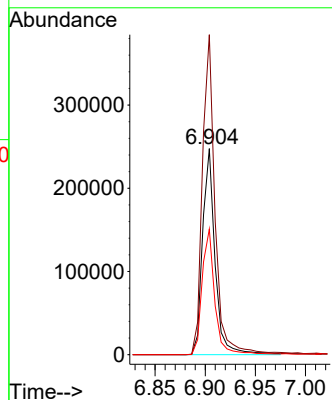


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

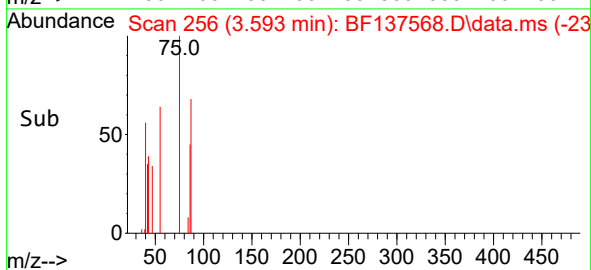
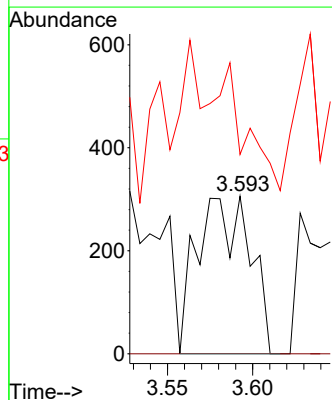
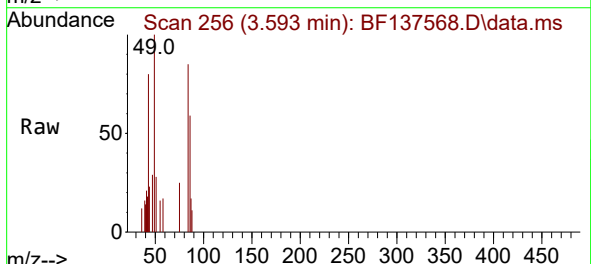


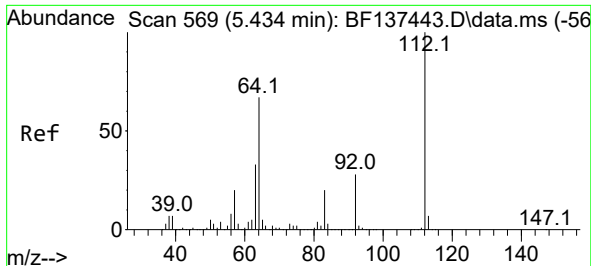
Tgt Ion:152 Resp: 216995
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 60.9 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.887 ng
RT: 3.593 min Scan# 256
Delta R.T. 0.023 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion: 42 Resp: 656
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 126.5 7.0 10.4#

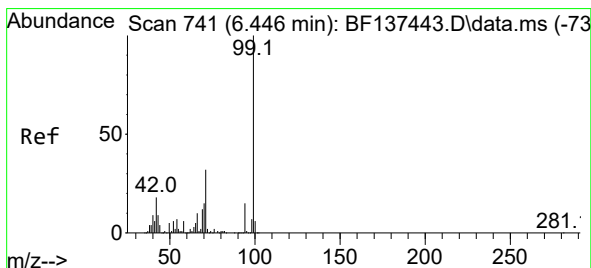
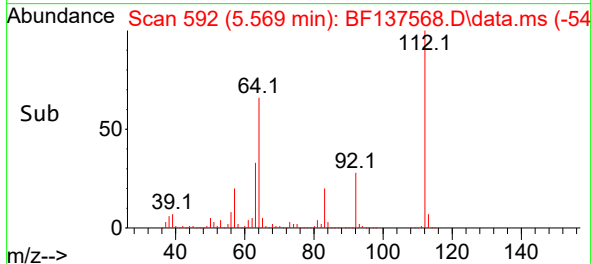
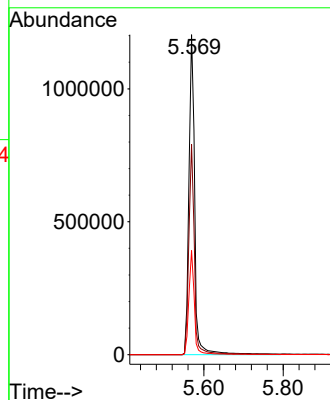
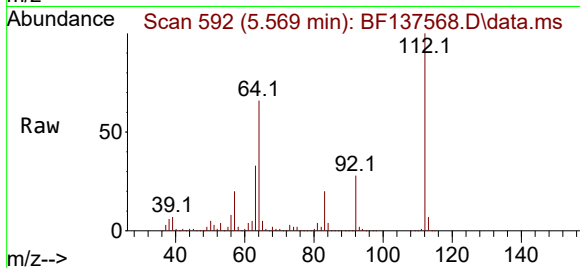




#5
2-Fluorophenol
Concen: 85.249 ng
RT: 5.569 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

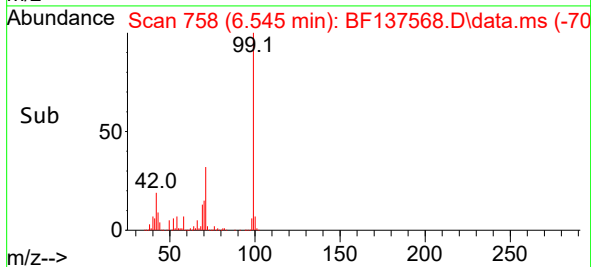
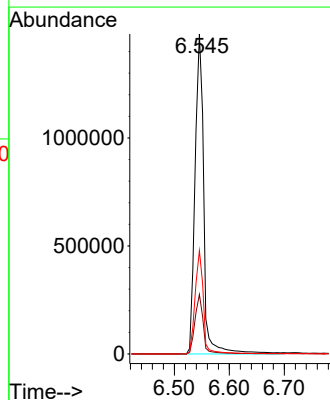
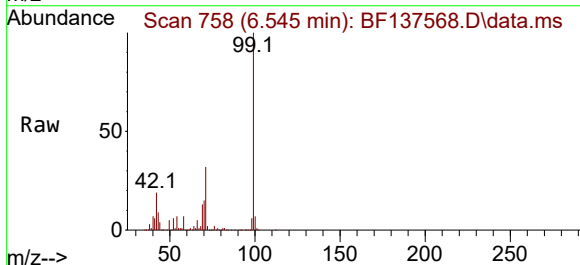
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

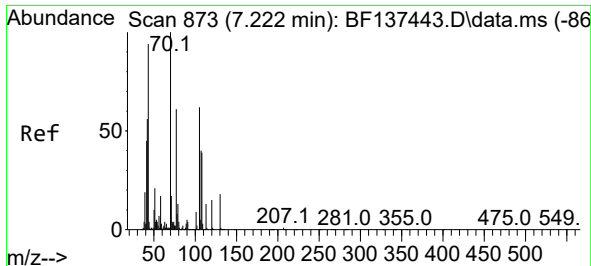
Tgt Ion:112 Resp: 1221406
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.5 26.2 39.2



#7
Phenol-d6
Concen: 78.777 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.012 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion: 99 Resp: 1629213
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 32.3 25.3 37.9



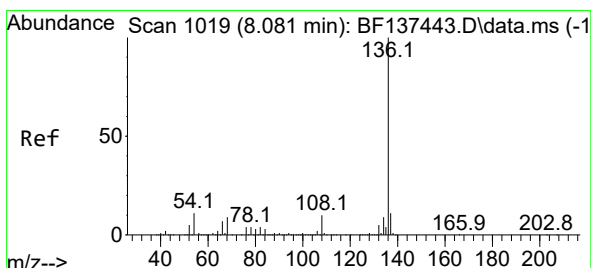
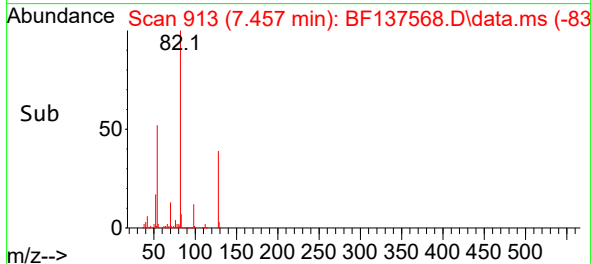
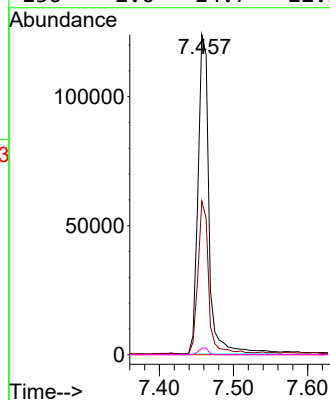
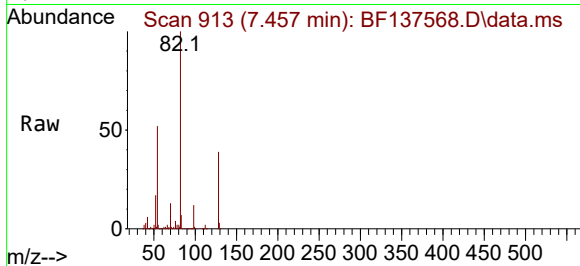


#19
n-Nitroso-di-n-propylamine
Concen: 10.038 ng
RT: 7.457 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

Tgt Ion: 70 Resp: 128193

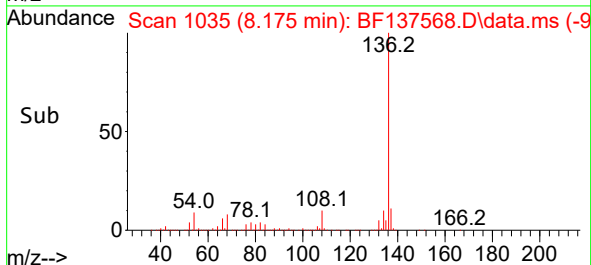
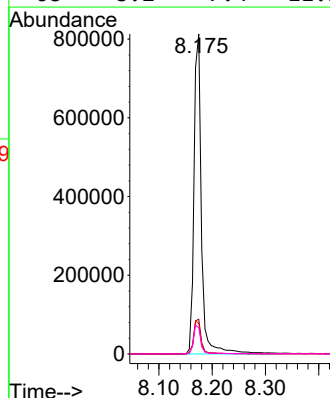
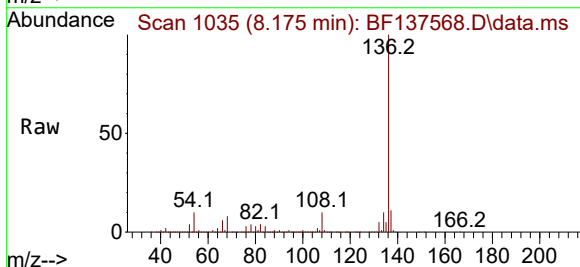
Ion	Ratio	Lower	Upper
70	100		
42	48.0	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

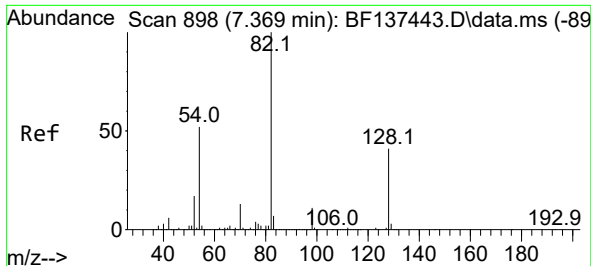


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion: 136 Resp: 797037

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.6	8.5	12.7
68	8.2	7.4	11.2

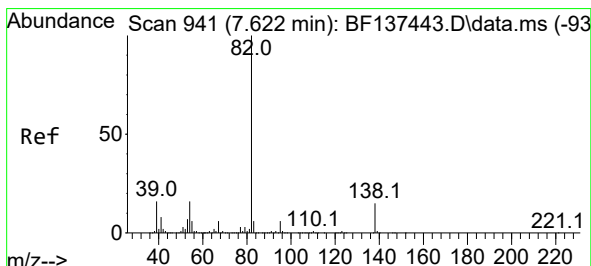
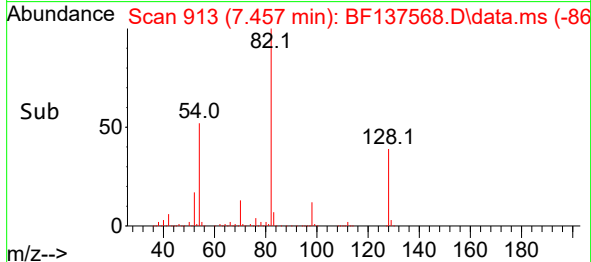
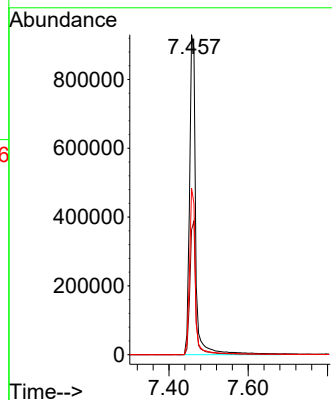
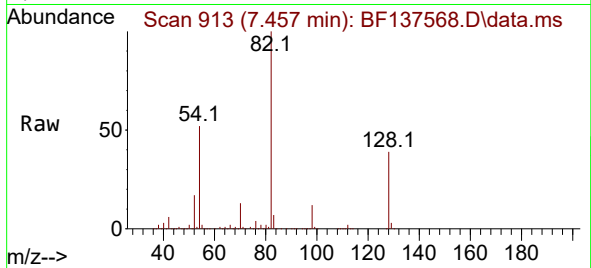




#23
Nitrobenzene-d5
Concen: 58.623 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

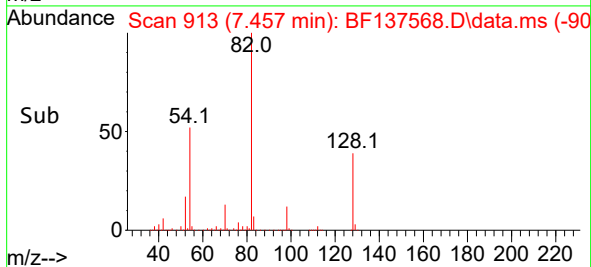
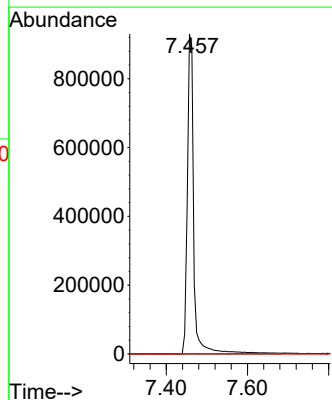
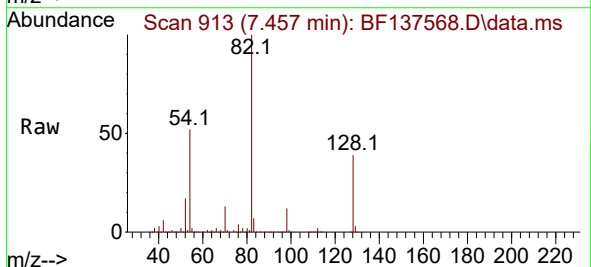
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

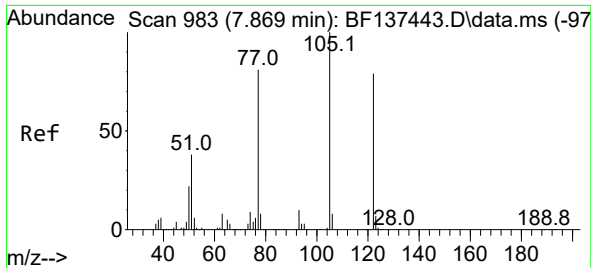
Tgt Ion: 82 Resp: 1005608
Ion Ratio Lower Upper
82 100
128 39.0 32.5 48.7
54 52.0 41.5 62.3



#25
Isophorone
Concen: 30.857 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion: 82 Resp: 1005602
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

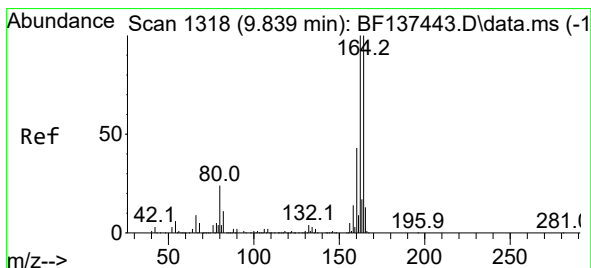
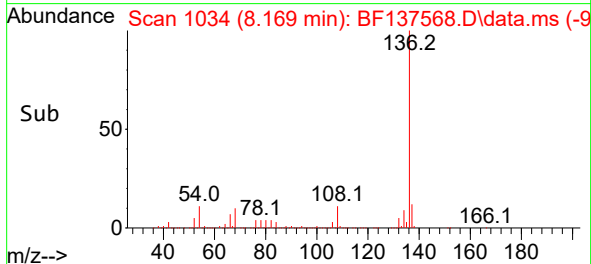
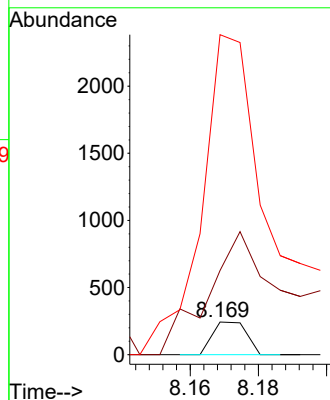
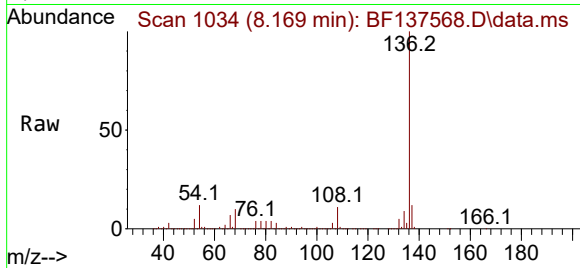




#32
Benzoic acid
Concen: 6.319 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.188 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

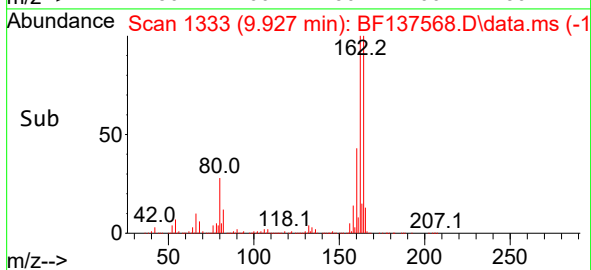
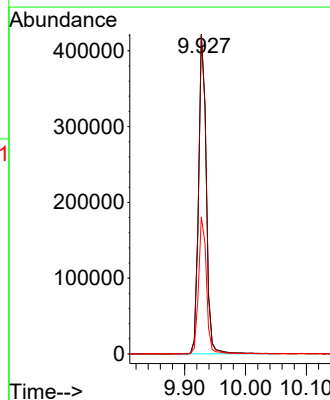
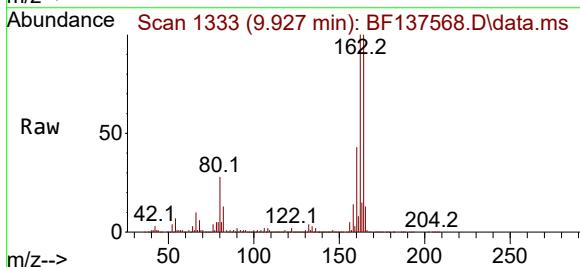
Instrument :
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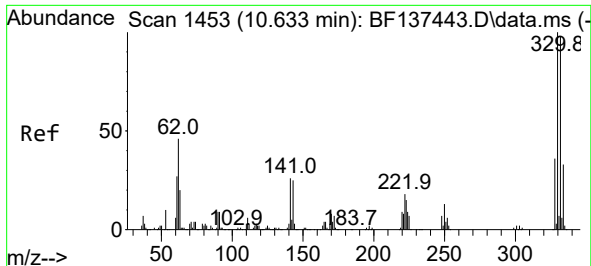
Tgt Ion:122 Resp: 169
Ion Ratio Lower Upper
122 100
105 258.0 102.4 142.4#
77 981.1 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:164 Resp: 368901
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 72.746 ng

RT: 10.722 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137568.D

Acq: 11 Mar 2024 21:20

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP

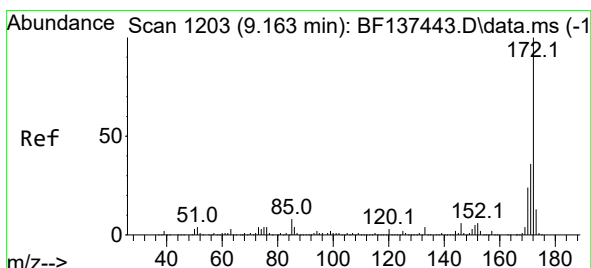
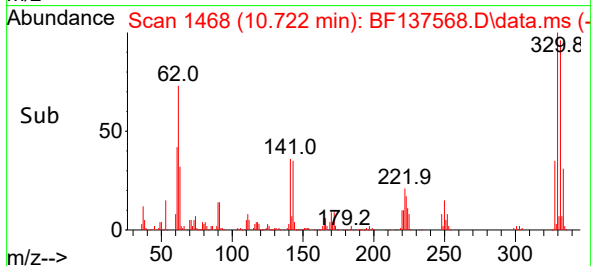
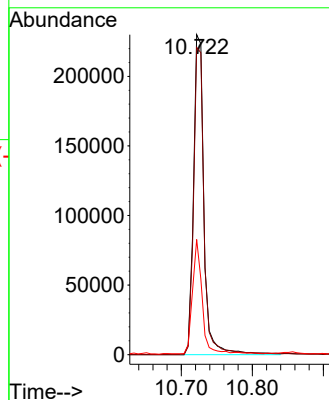
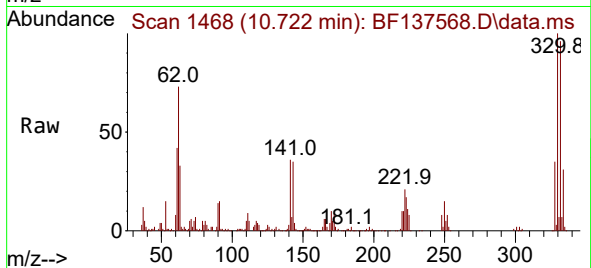
Tgt Ion:330 Resp: 235668

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 32.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 64.237 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF137568.D

Acq: 11 Mar 2024 21:20

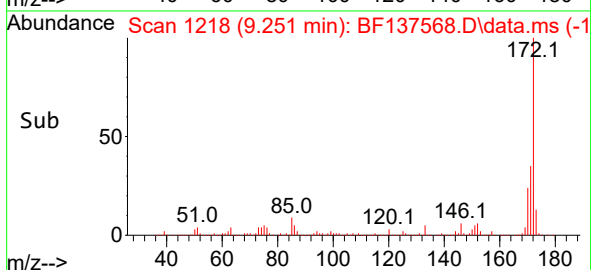
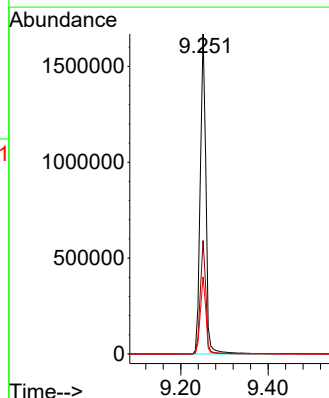
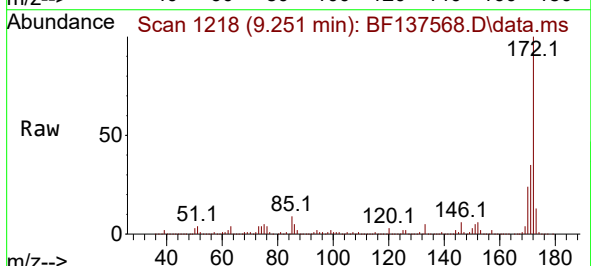
Tgt Ion:172 Resp: 1513839

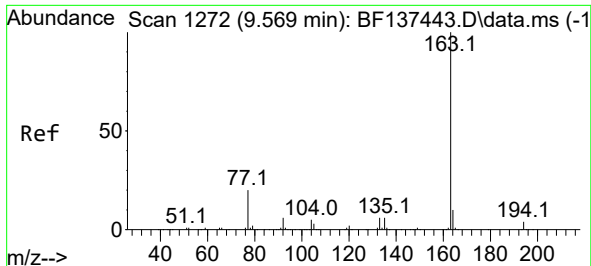
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.1 19.0 28.6

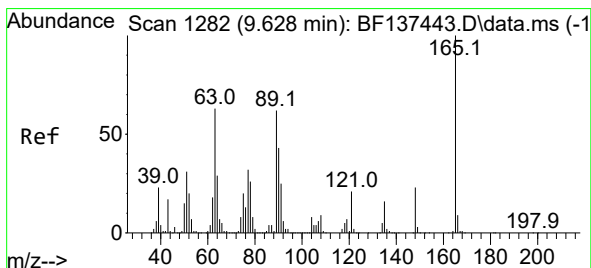
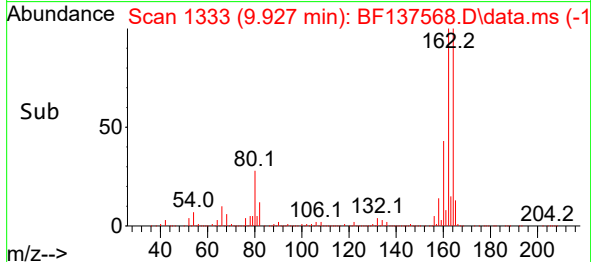
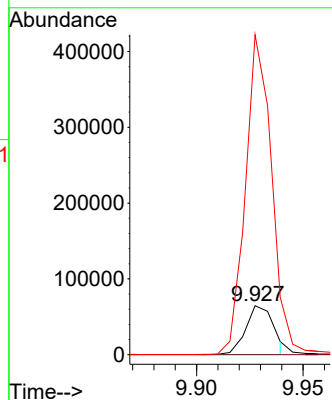
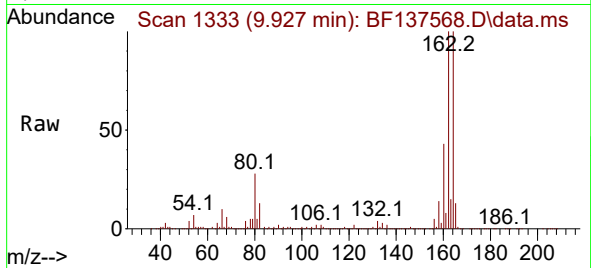




#50
 Dimethylphthalate
 Concen: 2.268 ng
 RT: 9.927 min Scan# 1333
 Delta R.T. 0.259 min
 Lab File: BF137568.D
 Acq: 11 Mar 2024 21:20

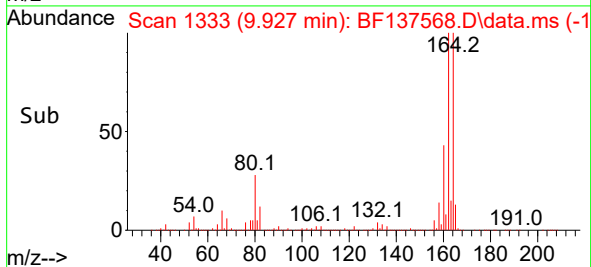
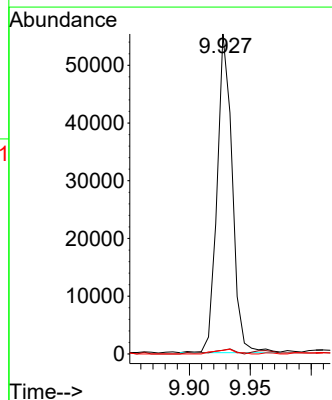
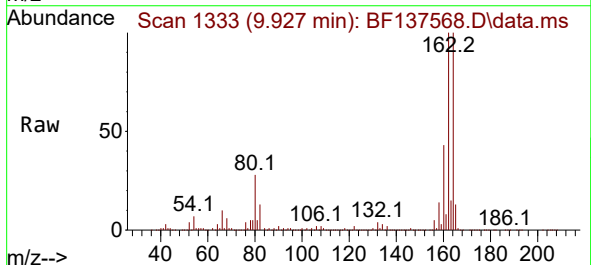
Instrument :
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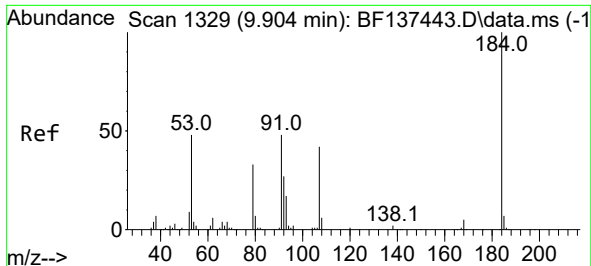
Tgt Ion:163 Resp: 58241
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 654.3 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 8.936 ng
 RT: 9.927 min Scan# 1333
 Delta R.T. 0.200 min
 Lab File: BF137568.D
 Acq: 11 Mar 2024 21:20

Tgt Ion:165 Resp: 47999
 Ion Ratio Lower Upper
 165 100
 63 1.1 50.7 76.1#
 89 1.2 50.0 75.0#

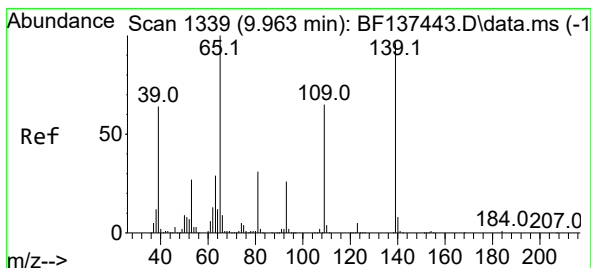
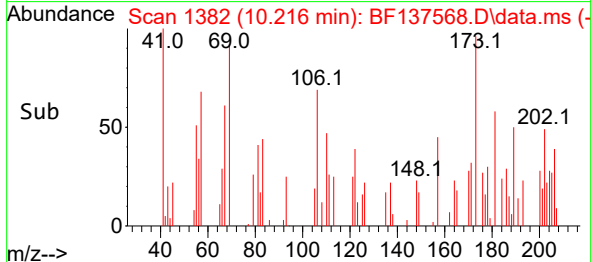
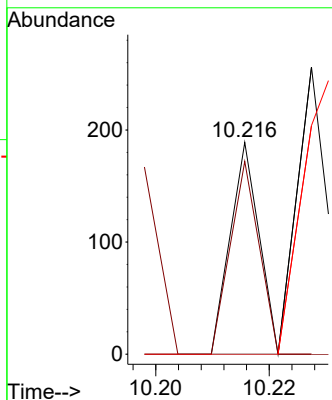
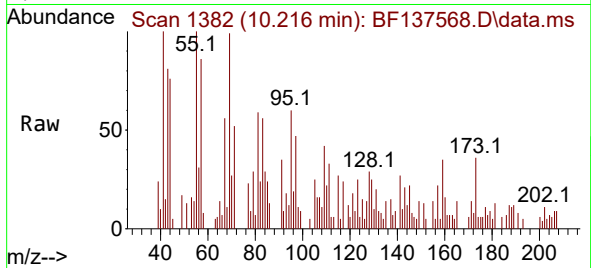




#54
2,4-Dinitrophenol
Concen: 8.248 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

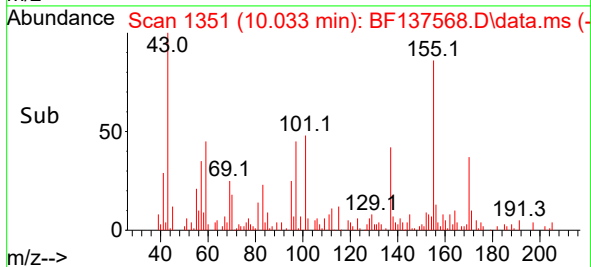
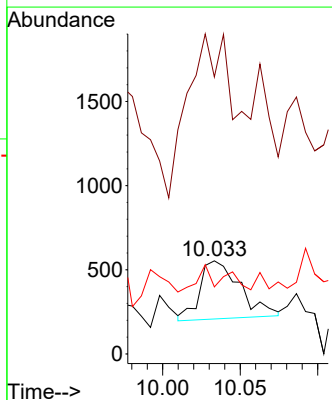
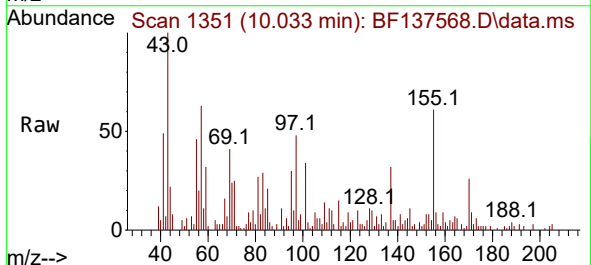
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

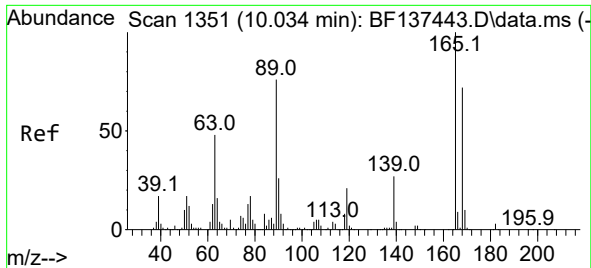
Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 91.0 53.3 79.9#
154 0.0 47.4 71.0#



#56
4-Nitrophenol
Concen: 4.671 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.030 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:139 Resp: 620
Ion Ratio Lower Upper
139 100
109 297.5 47.1 87.1#
65 72.0 85.1 125.1#

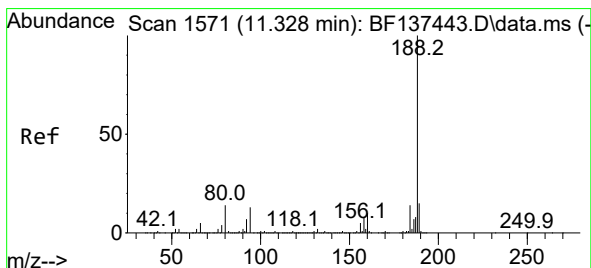
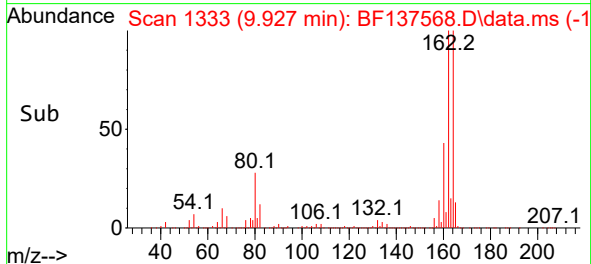
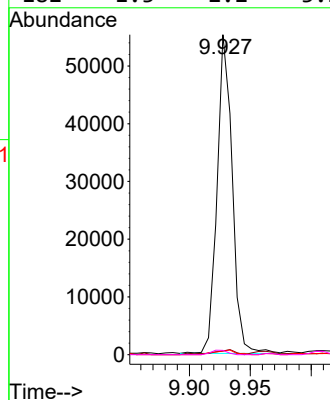
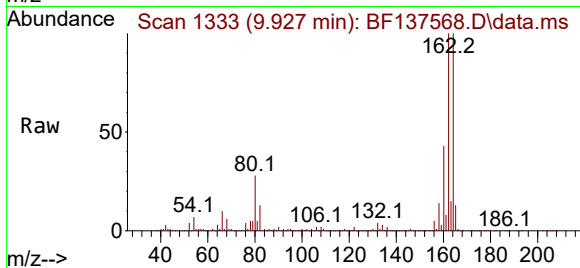




#57
2,4-Dinitrotoluene
Concen: 7.274 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

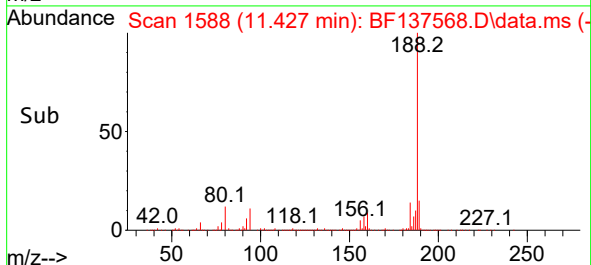
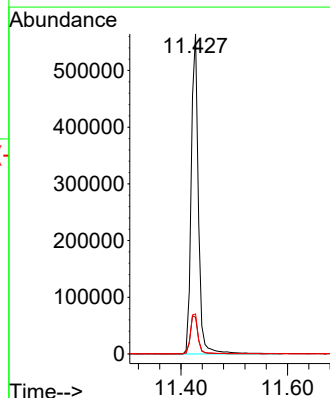
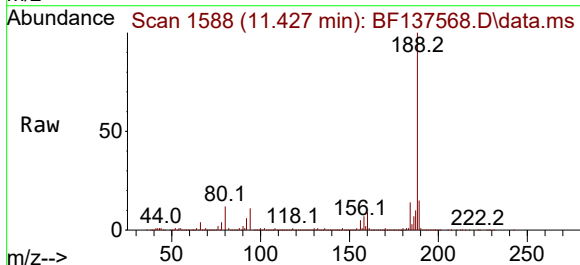
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

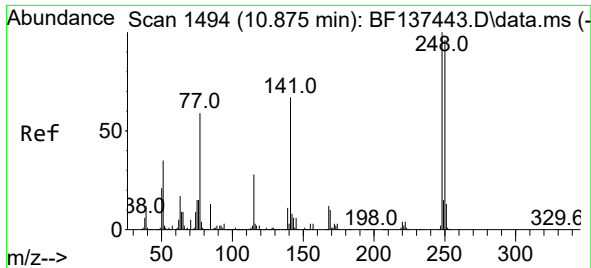
Tgt Ion:165 Resp: 47999
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.2 60.9 91.3#
182 1.3 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:188 Resp: 528449
Ion Ratio Lower Upper
188 100
94 11.4 10.6 15.8
80 12.5 11.5 17.3

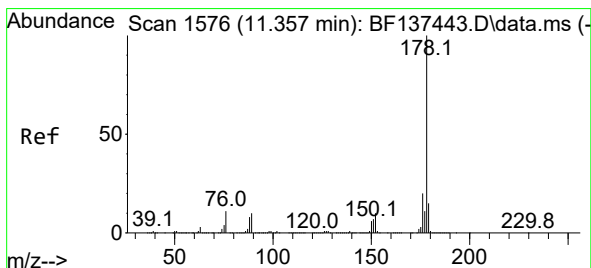
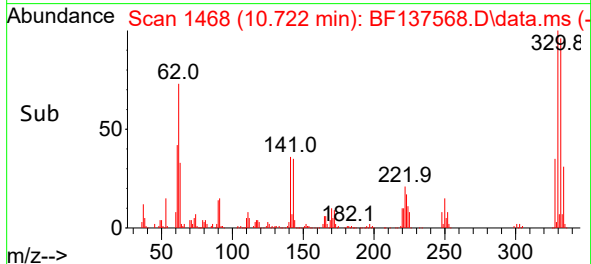
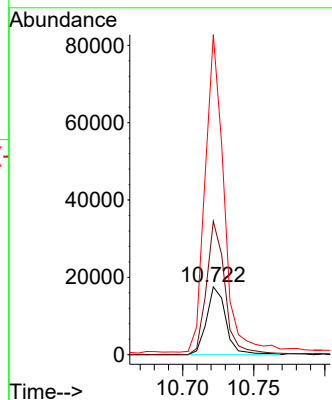
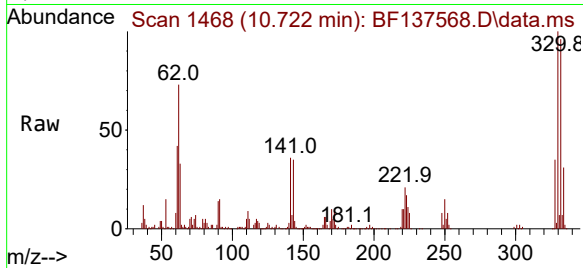




#67
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 10.722 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

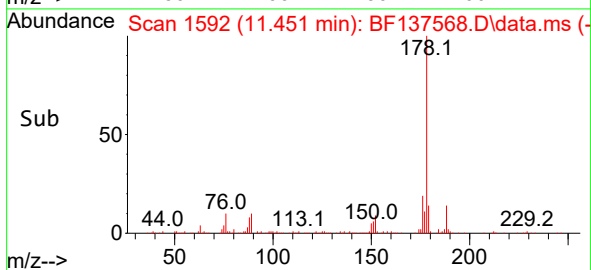
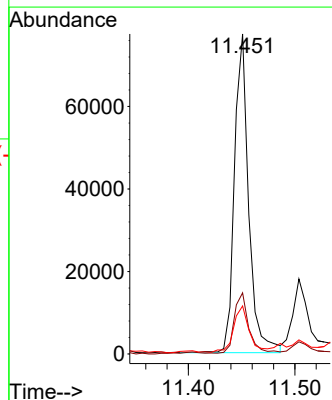
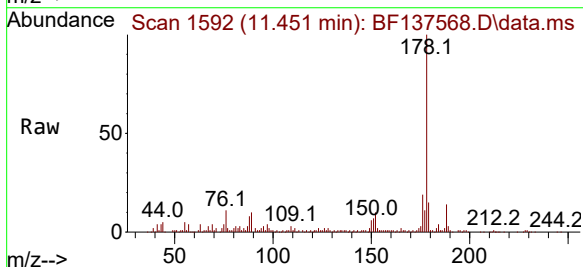
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

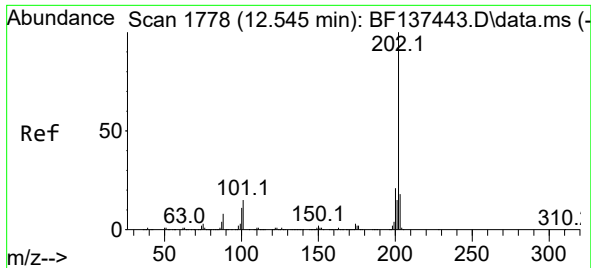
Tgt Ion:248 Resp: 16645
Ion Ratio Lower Upper
248 100
250 196.6 76.8 115.2#
141 471.3 53.4 80.0#



#71
Phenanthrene
Concen: 2.494 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:178 Resp: 71735
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.0 12.2 18.2

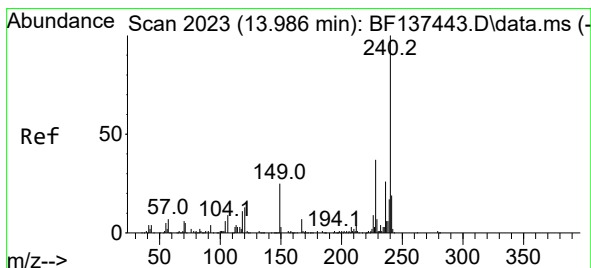
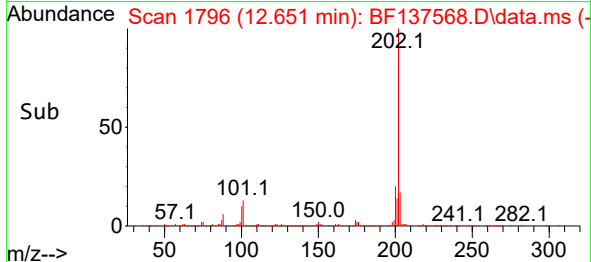
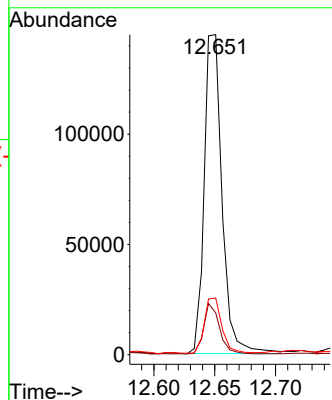
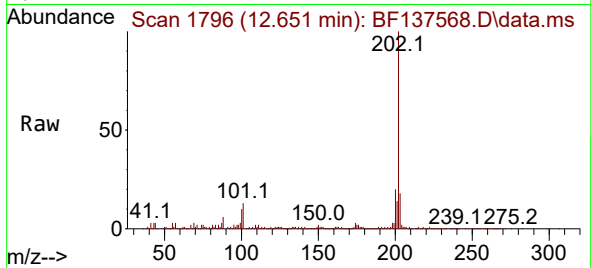




#75
Fluoranthene
Concen: 5.276 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

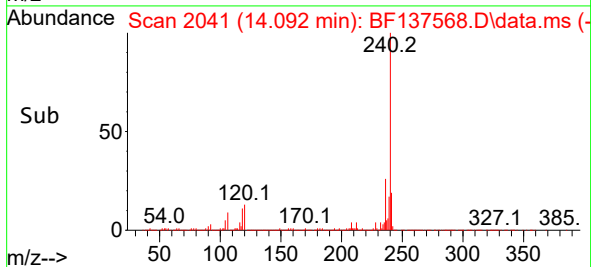
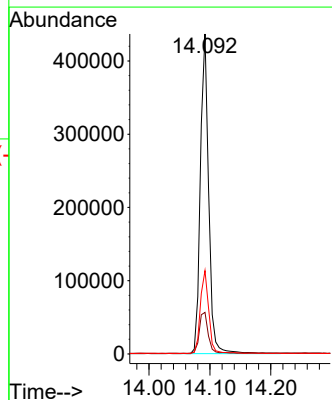
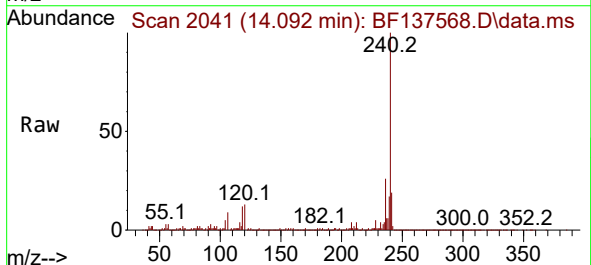
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

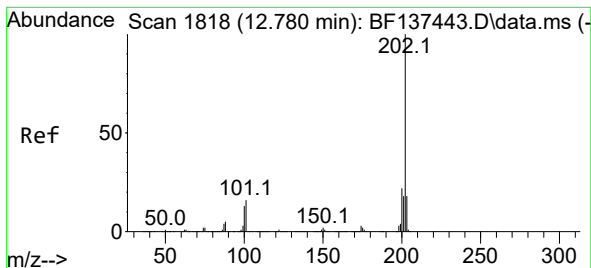
Tgt Ion:202 Resp: 148310
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:240 Resp: 411981
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.1 20.9 31.3





#78

Pyrene

Concen: 3.729 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF137568.D

Acq: 11 Mar 2024 21:20

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP

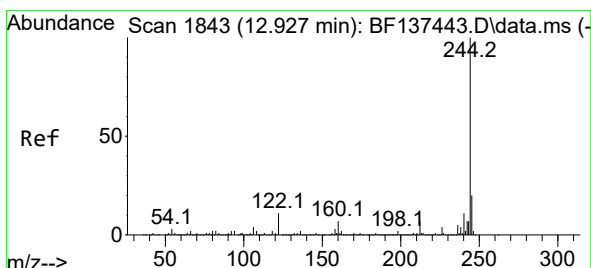
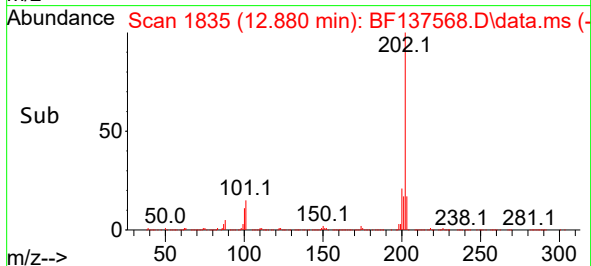
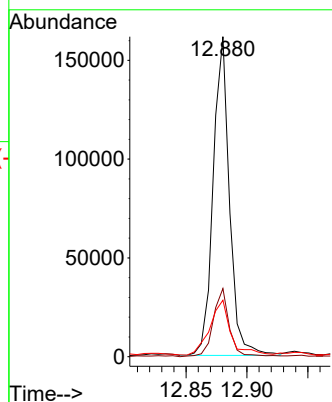
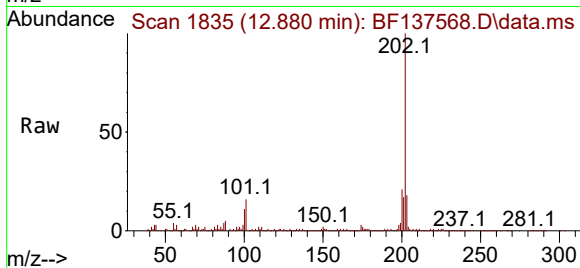
Tgt Ion:202 Resp: 150737

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

203 17.7 14.1 21.1



#79

Terphenyl-d14

Concen: 42.935 ng

RT: 13.033 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BF137568.D

Acq: 11 Mar 2024 21:20

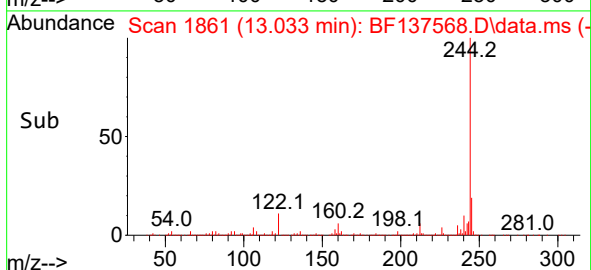
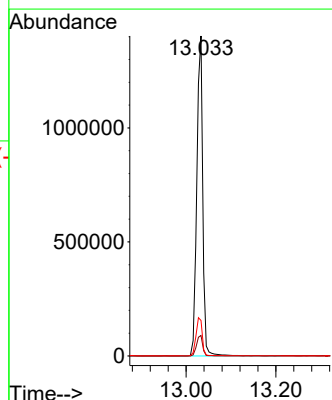
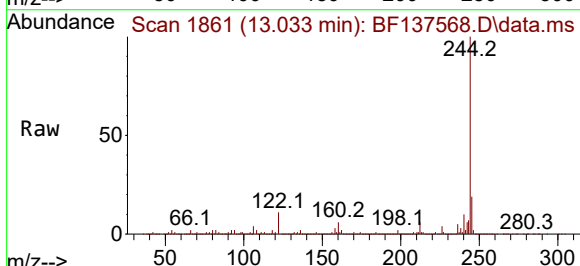
Tgt Ion:244 Resp: 1286345

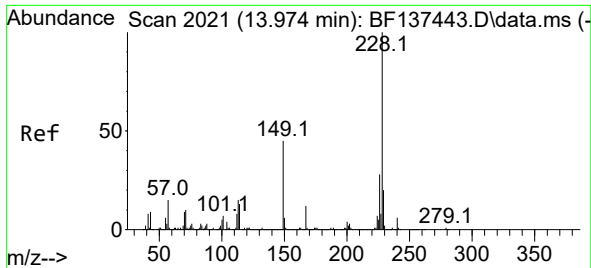
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 11.1 9.1 13.7

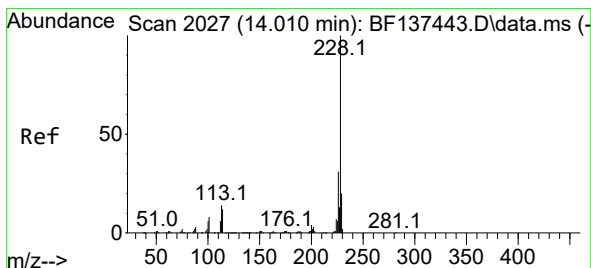
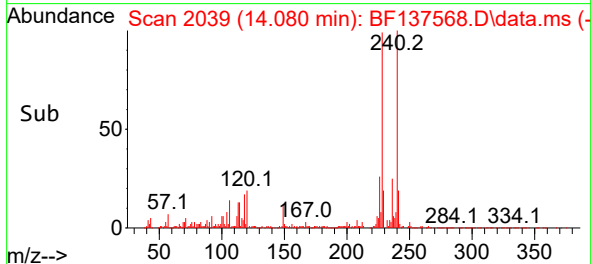
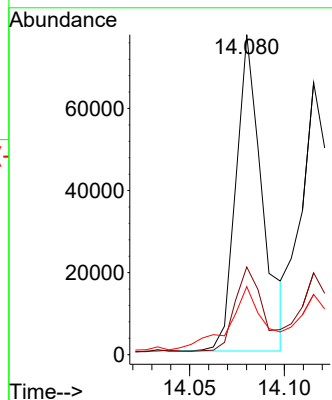
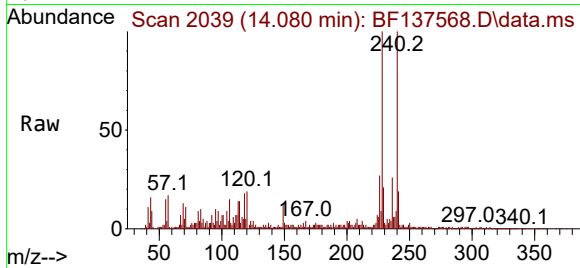




#81
Benzo(a)anthracene
Concen: 2.572 ng
RT: 14.080 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

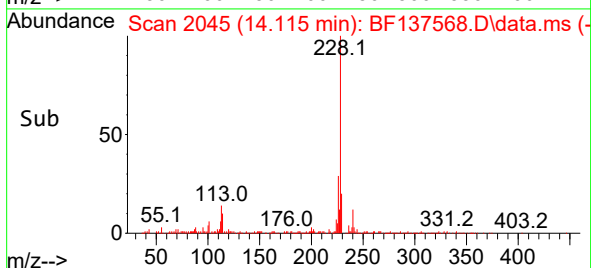
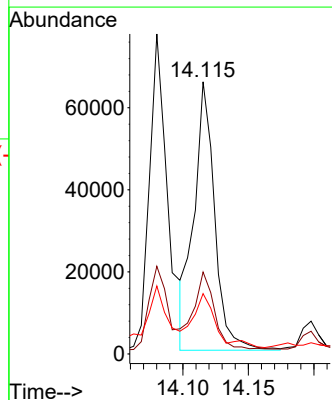
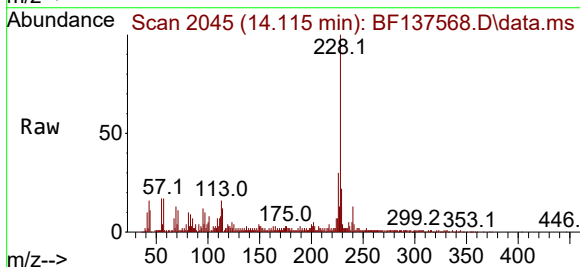
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

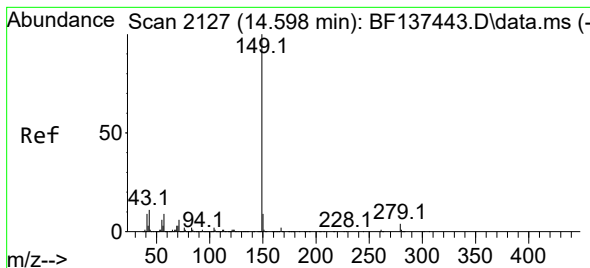
Tgt Ion:228 Resp: 74267
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 21.2 16.3 24.5



#83
Chrysene
Concen: 2.472 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:228 Resp: 72137
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 22.1 15.9 23.9





#85

Di-n-octyl phthalate

Concen: 5.651 ng

RT: 14.715 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137568.D

Acq: 11 Mar 2024 21:20

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP

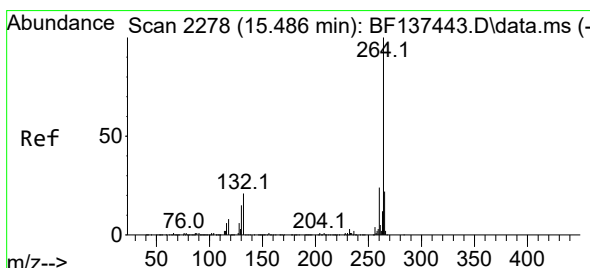
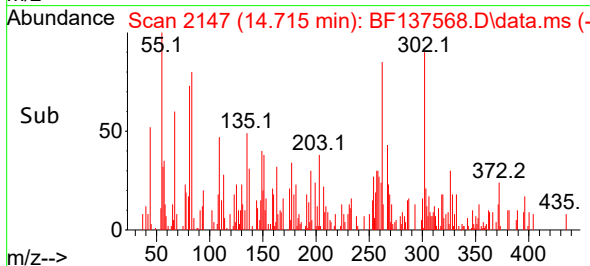
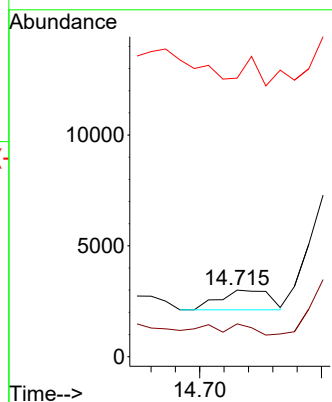
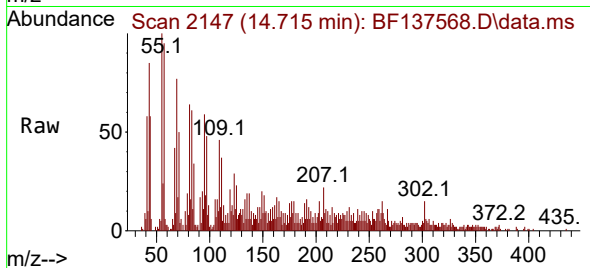
Tgt Ion:149 Resp: 1265

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 45.9 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BF137568.D

Acq: 11 Mar 2024 21:20

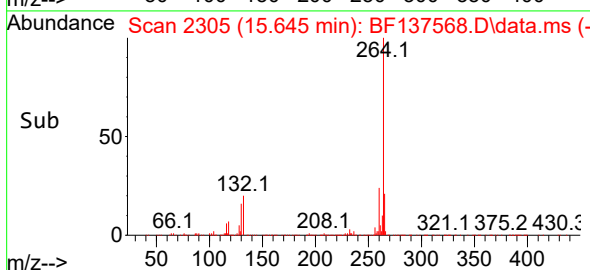
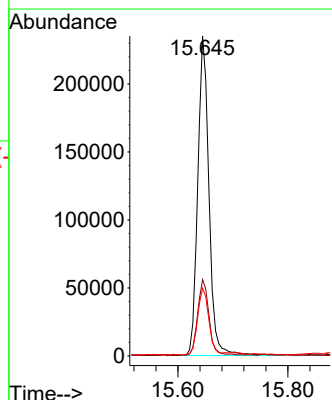
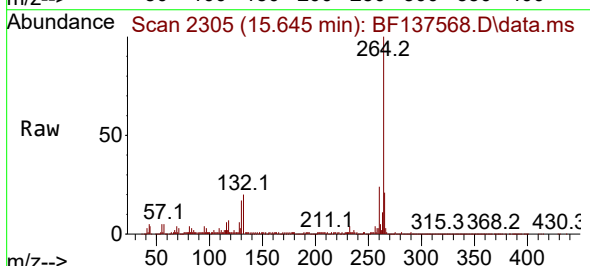
Tgt Ion:264 Resp: 332886

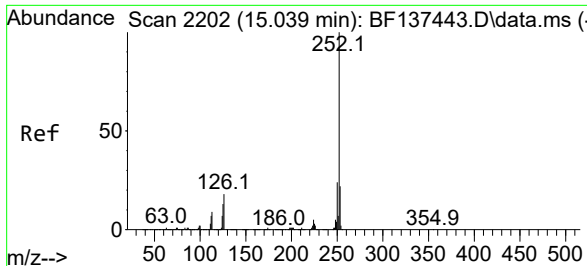
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.2 17.4 26.0

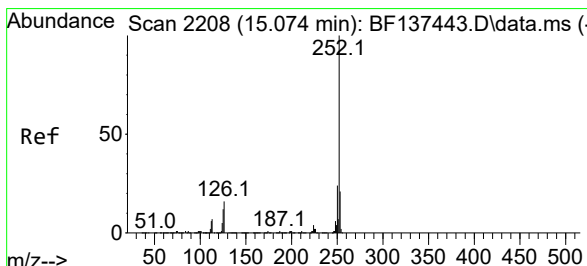
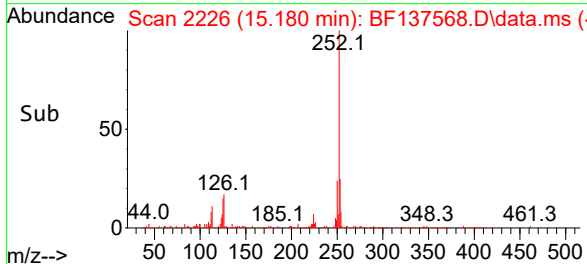
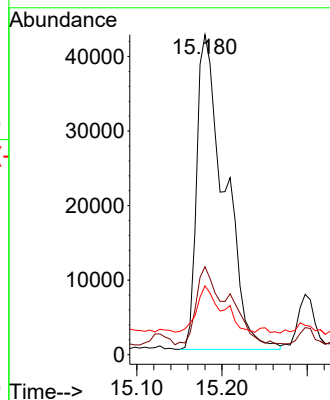
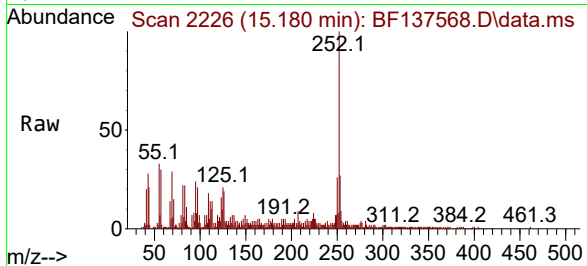




#88
Benzo(b)fluoranthene
Concen: 4.851 ng
RT: 15.180 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

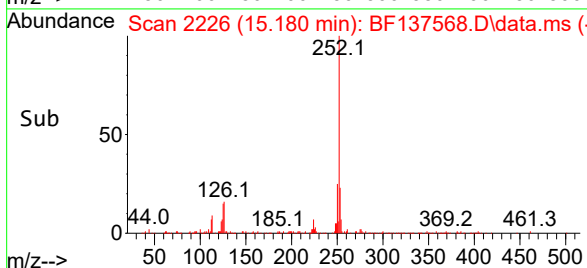
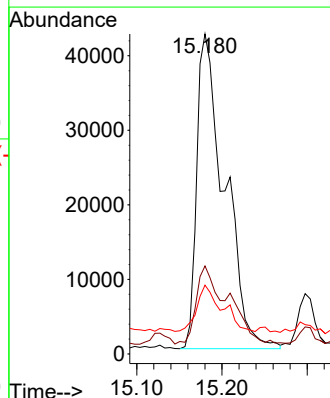
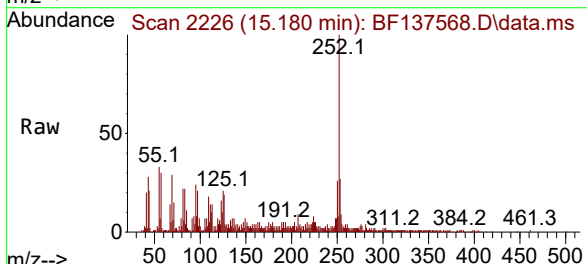
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

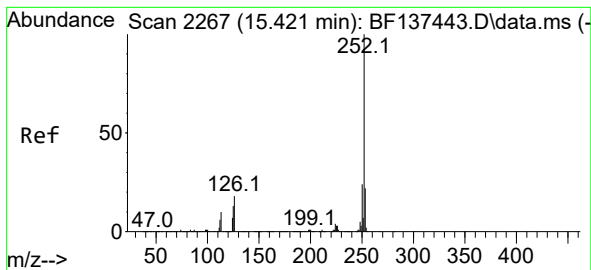
Tgt Ion:252 Resp: 95524
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.8#
125 21.5 10.1 15.1#



#89
Benzo(k)fluoranthene
Concen: 4.516 ng
RT: 15.180 min Scan# 2226
Delta R.T. -0.035 min
Lab File: BF137568.D
Acq: 11 Mar 2024 21:20

Tgt Ion:252 Resp: 95524
Ion Ratio Lower Upper
252 100
253 27.5 17.3 25.9#
125 21.5 9.6 14.4#





#90

Benzo(a)pyrene

Concen: 2.354 ng

RT: 15.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137568.D

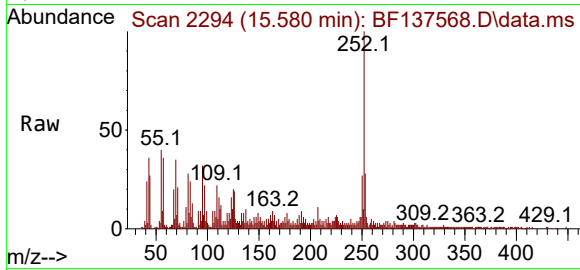
Acq: 11 Mar 2024 21:20

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP



Tgt Ion:252 Resp: 45685

Ion Ratio Lower Upper

252 100

253 28.2 17.4 26.2#

125 20.1 10.4 15.6#

