

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137671.D
 Acq On : 21 Mar 2024 20:25
 Operator : CG\JU
 Sample : P1815-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-032024

Quant Time: Mar 22 01:43:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

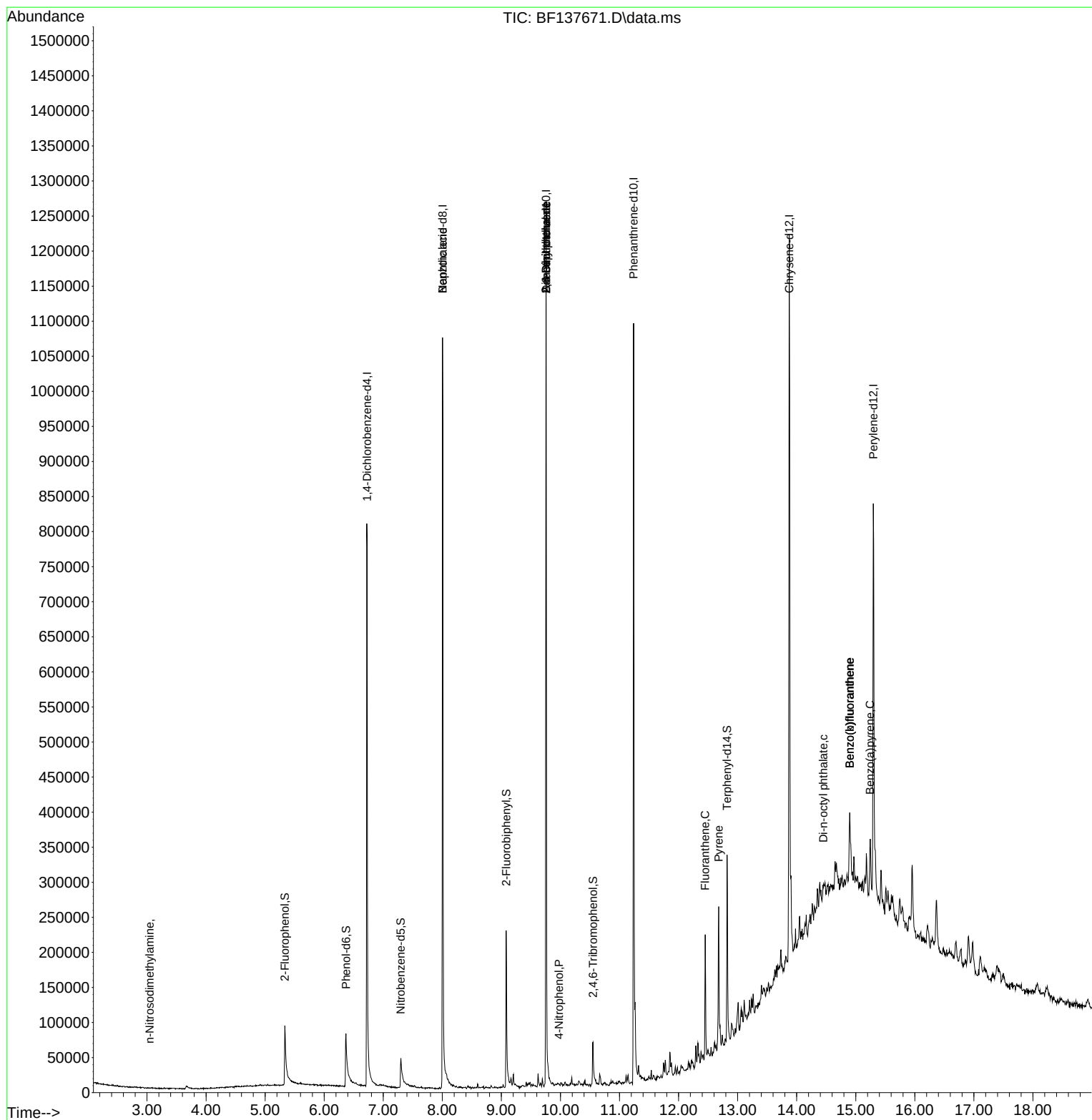
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	138683	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	511126	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	246882	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	403447	20.000	ng	0.00
76) Chrysene-d12	13.874	240	342500	20.000	ng	0.00
86) Perylene-d12	15.298	264	260676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	48784	5.328	ng	0.00
7) Phenol-d6	6.369	99	70734	5.352	ng	0.00
23) Nitrobenzene-d5	7.298	82	39243	3.567	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	11801	5.443	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	90350	5.729	ng	0.00
79) Terphenyl-d14	12.821	244	95573	3.837	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.046	42	58	3.819	ng	# 1
32) Benzoic acid	8.004	122	60	6.310	ng	# 1
50) Dimethylphthalate	9.757	163	36422	2.119	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	32029	8.910	ng	# 20
56) 4-Nitrophenol	9.974	139	337	4.644	ng	# 76
57) 2,4-Dinitrotoluene	9.757	165	32442	7.346	ng	# 20
75) Fluoranthene	12.451	202	73242	3.413	ng	98
78) Pyrene	12.680	202	85048	2.531	ng	98
85) Di-n-octyl phthalate	14.451	149	1193	5.657	ng	# 1
88) Benzo(b)fluoranthene	14.898	252	65049	4.218	ng	# 92
89) Benzo(k)fluoranthene	14.898	252	65049	3.927	ng	# 90
90) Benzo(a)pyrene	15.245	252	32980	2.170	ng	# 86

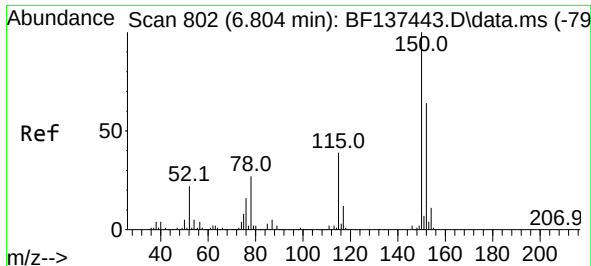
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
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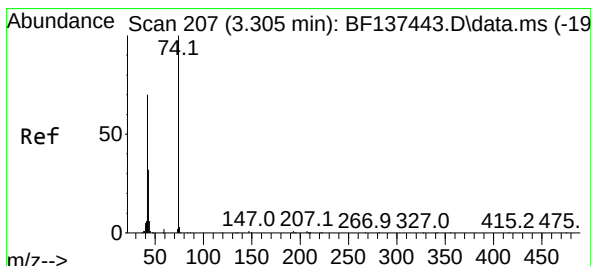
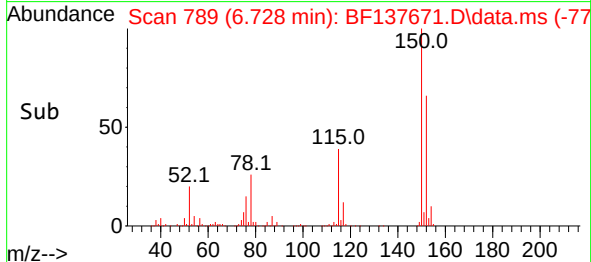
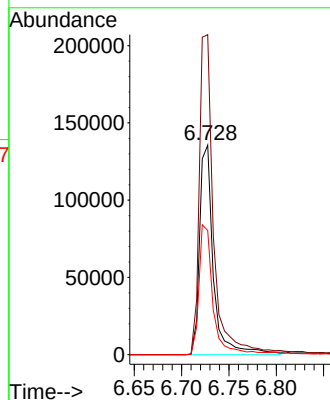
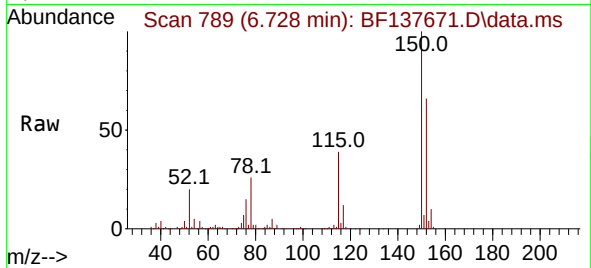




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

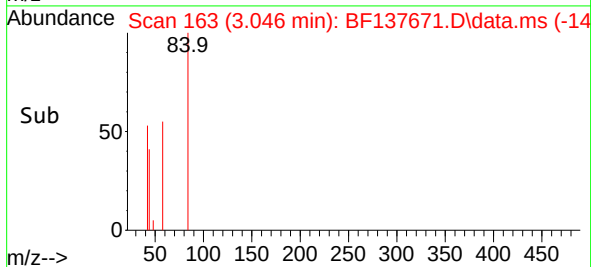
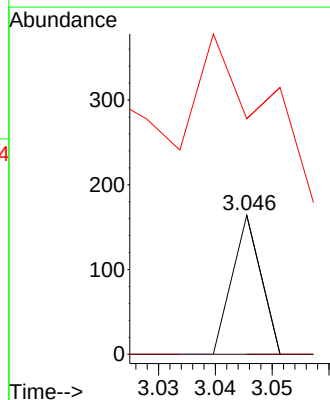
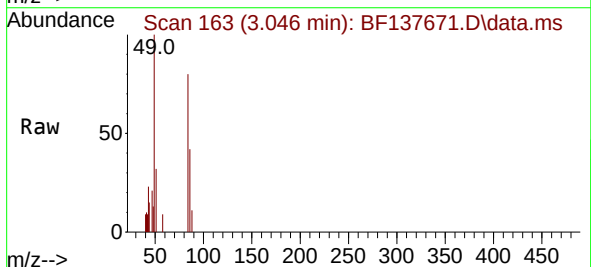
Instrument :
BNA_F
ClientSampleId :
OK-01-032024

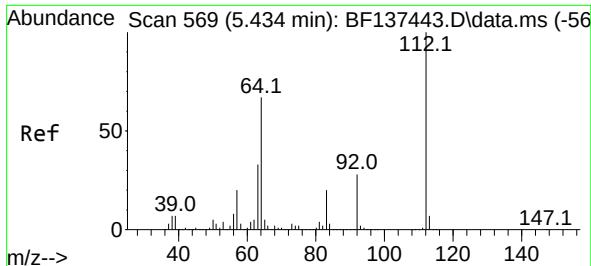
Tgt Ion:152 Resp: 138683
Ion Ratio Lower Upper
152 100
150 152.6 125.8 188.6
115 59.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.819 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Tgt Ion: 42 Resp: 58
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 169.5 7.0 10.4#

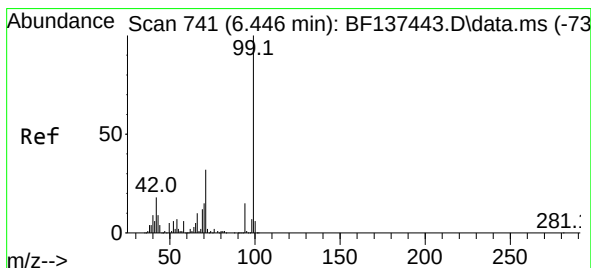
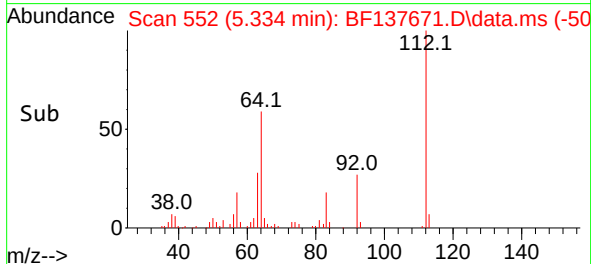
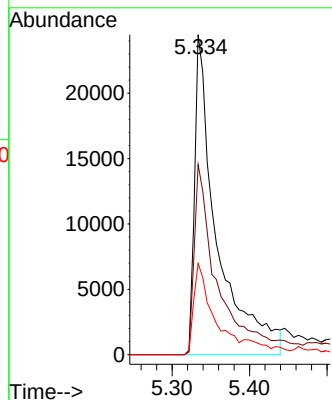
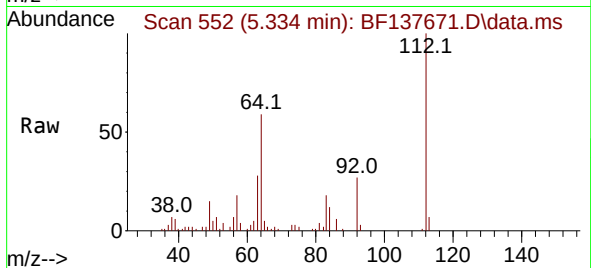




#5
2-Fluorophenol
Concen: 5.328 ng
RT: 5.334 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

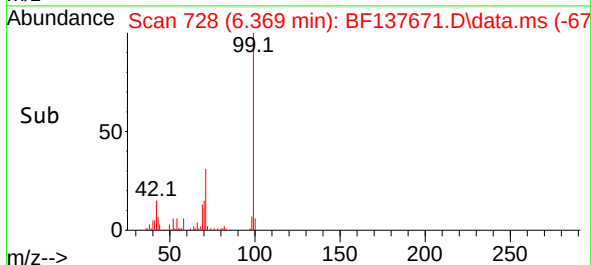
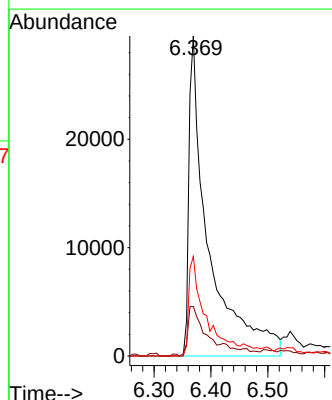
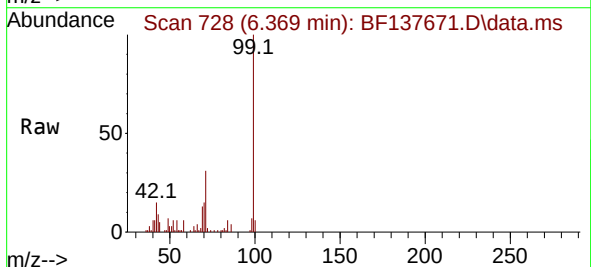
Instrument :
BNA_F
ClientSampleId :
OK-01-032024

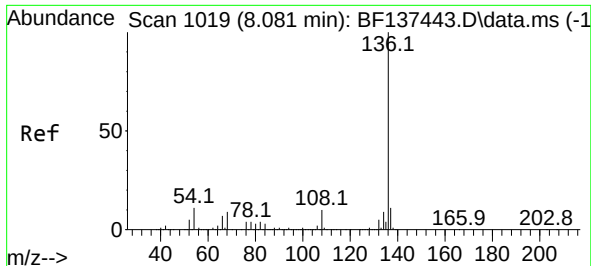
Tgt Ion:112 Resp: 48784
Ion Ratio Lower Upper
112 100
64 59.4 53.4 80.2
63 28.5 26.2 39.2



#7
Phenol-d6
Concen: 5.352 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Tgt Ion: 99 Resp: 70734
Ion Ratio Lower Upper
99 100
42 15.4 14.6 21.8
71 31.1 25.3 37.9



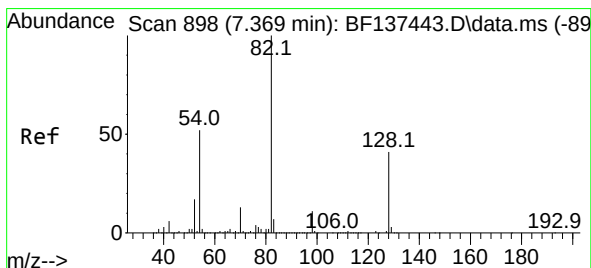
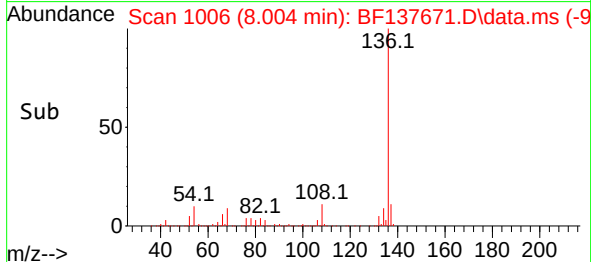
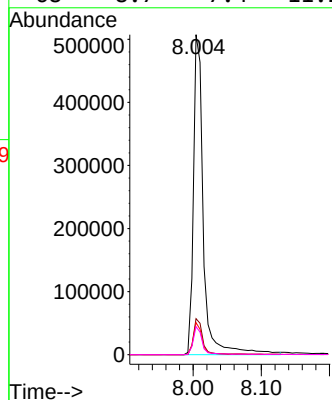
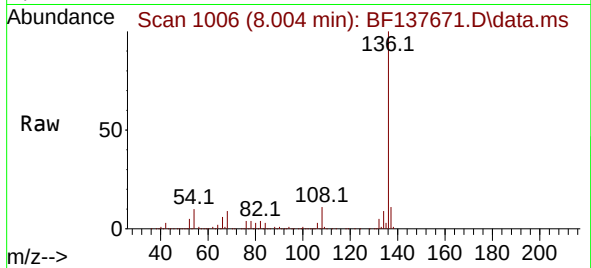


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Instrument :
BNA_F
ClientSampleId :
OK-01-032024

Tgt Ion:136 Resp: 511126

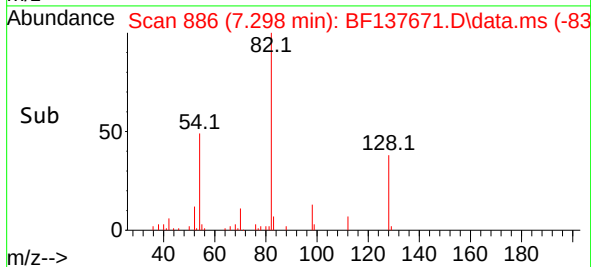
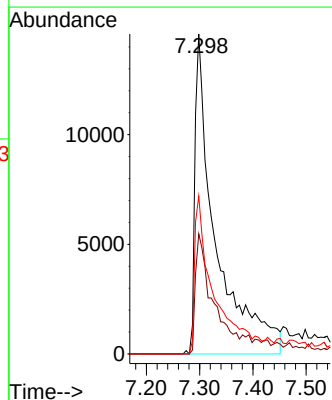
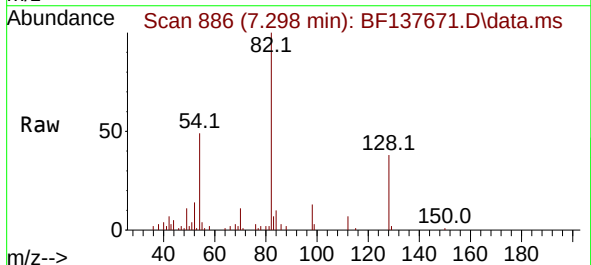
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	8.5	12.7
68	8.7	7.4	11.2

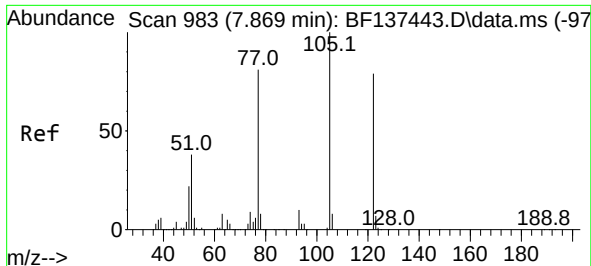


#23
Nitrobenzene-d5
Concen: 3.567 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Tgt Ion: 82 Resp: 39243

Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.5	48.7
54	49.3	41.5	62.3

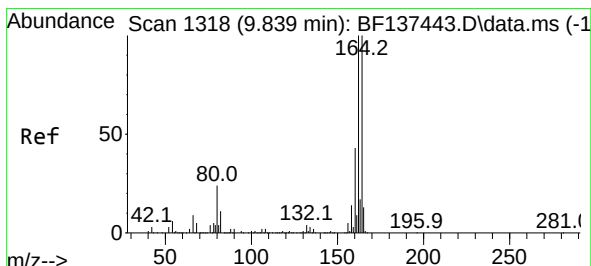
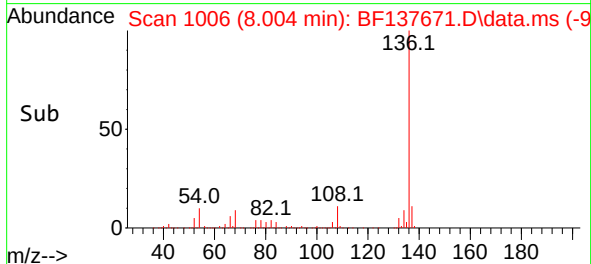
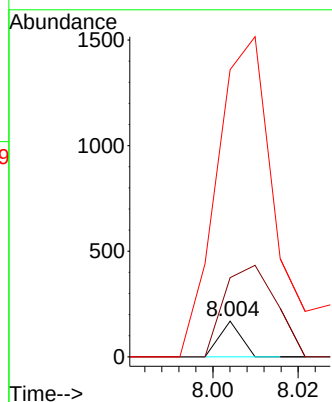
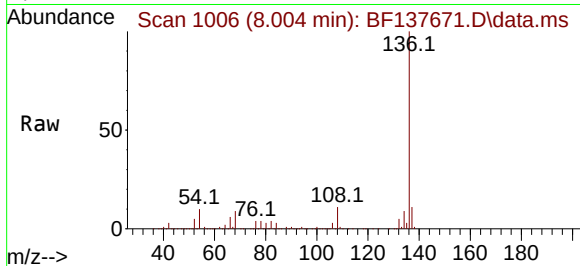




#32
Benzoic acid
Concen: 6.310 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

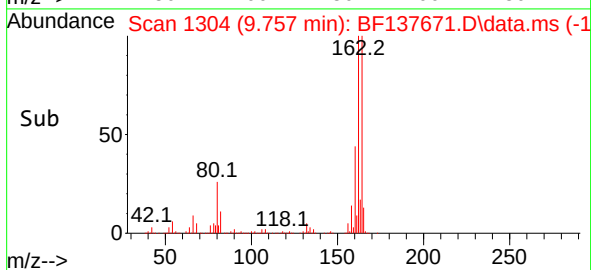
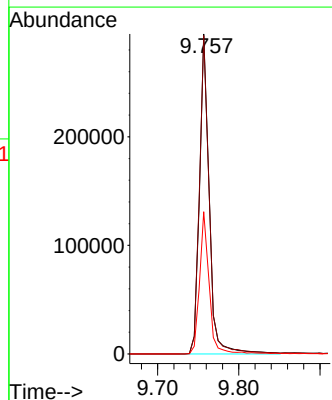
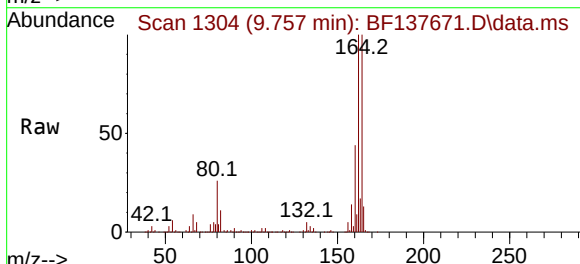
Instrument :
BNA_F
ClientSampleId :
OK-01-032024

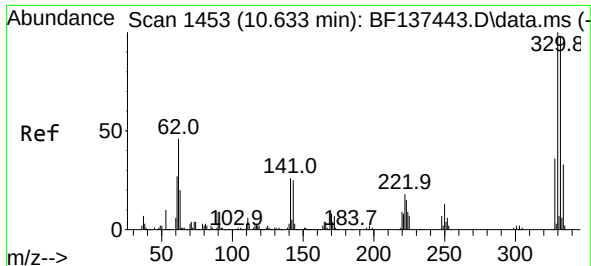
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 221.9 102.4 142.4#
77 804.7 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Tgt Ion:164 Resp: 246882
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 44.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 5.443 ng

RT: 10.551 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF137671.D

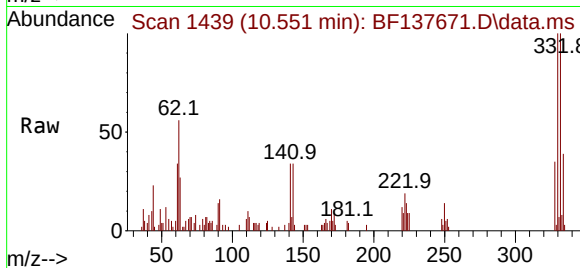
Acq: 21 Mar 2024 20:25

Instrument :

BNA_F

ClientSampleId :

OK-01-032024



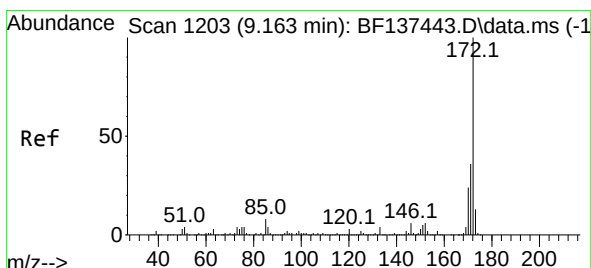
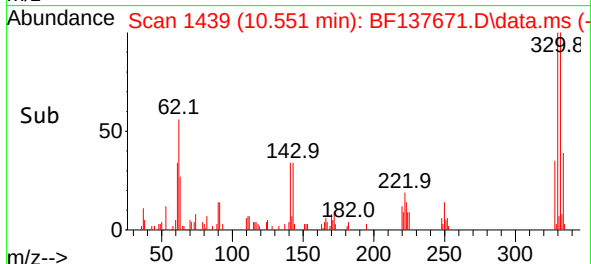
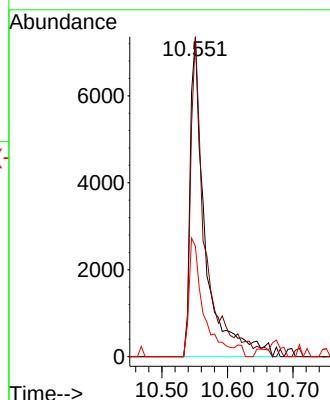
Tgt Ion:330 Resp: 11801

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 35.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 5.729 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

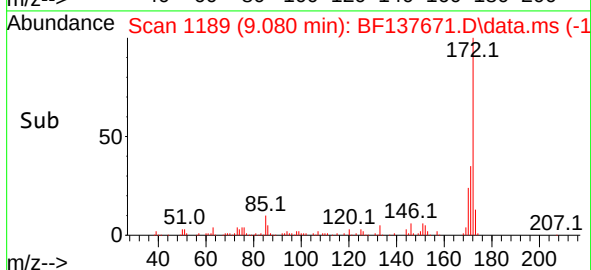
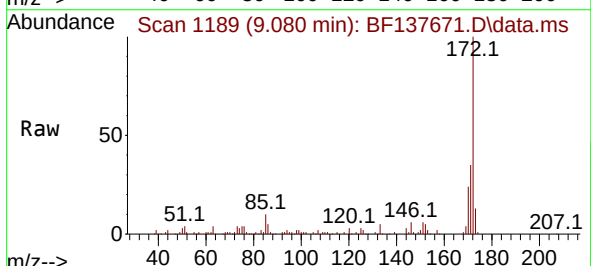
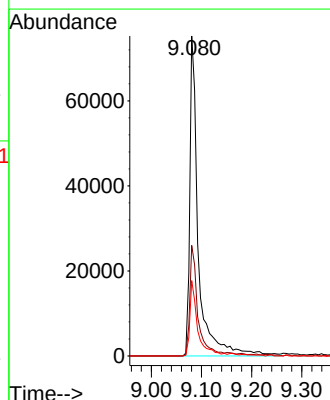
Tgt Ion:172 Resp: 90350

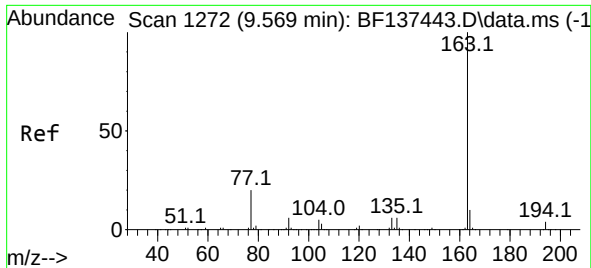
Ion Ratio Lower Upper

172 100

171 34.5 28.5 42.7

170 23.5 19.0 28.6

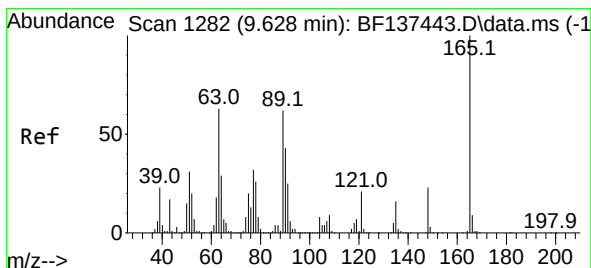
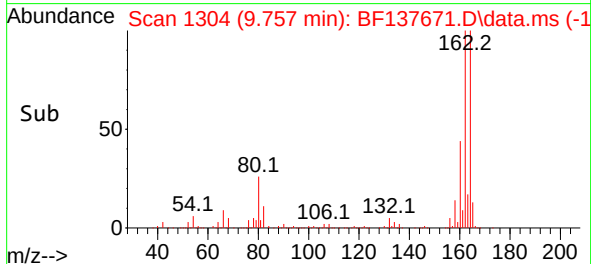
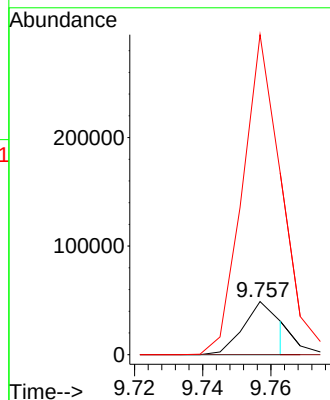
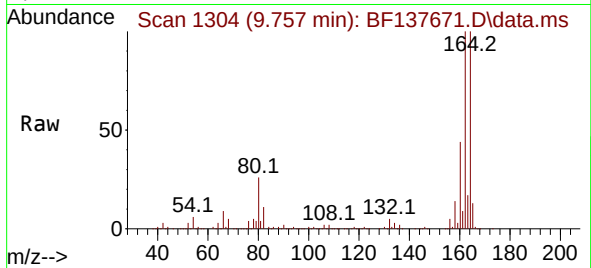




#50
Dimethylphthalate
Concen: 2.119 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

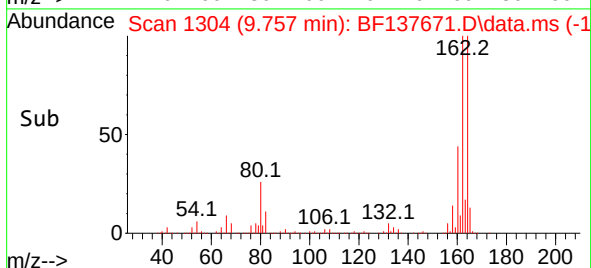
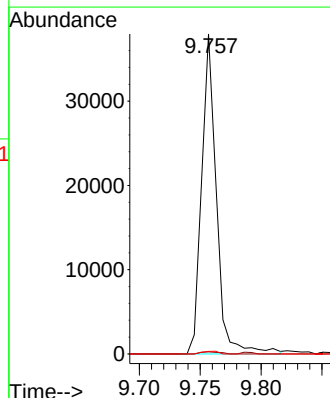
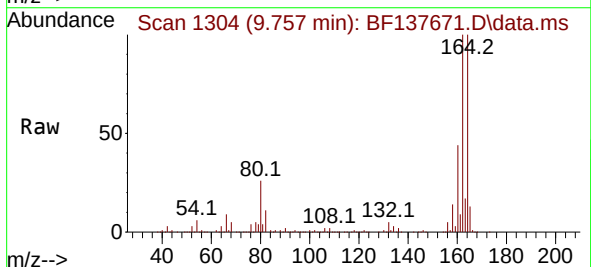
Instrument :
BNA_F
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OK-01-032024

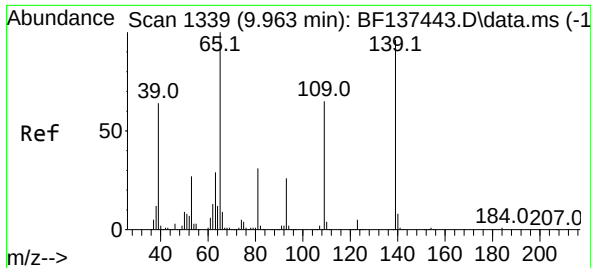
Tgt Ion:163 Resp: 36422
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 603.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.910 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Tgt Ion:165 Resp: 32029
Ion Ratio Lower Upper
165 100
63 0.7 50.7 76.1#
89 0.8 50.0 75.0#

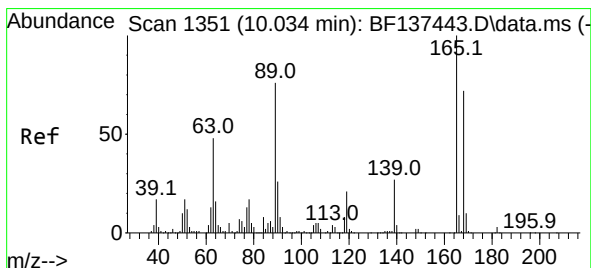
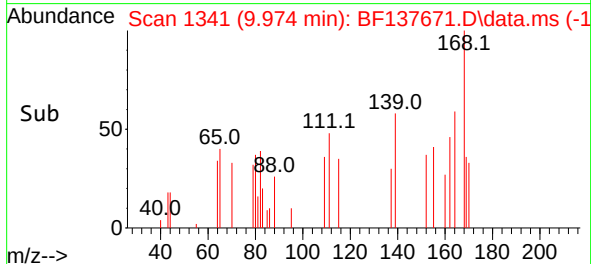
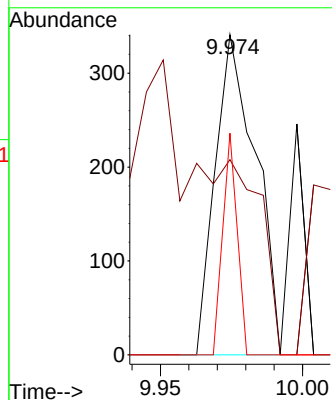
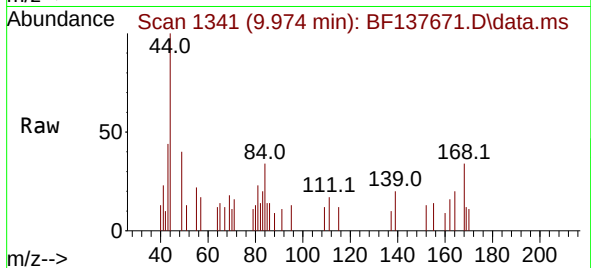




#56
4-Nitrophenol
Concen: 4.644 ng
RT: 9.974 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

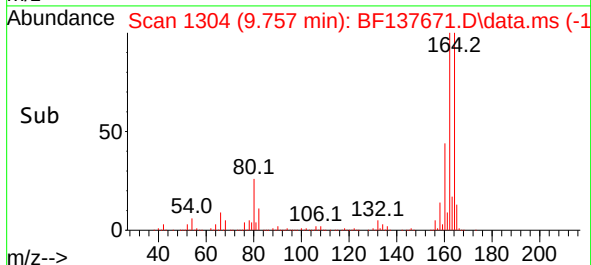
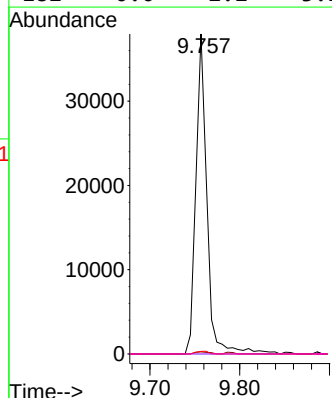
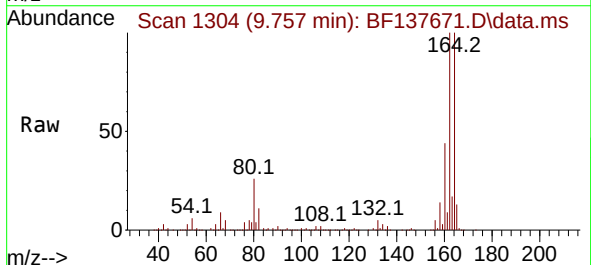
Instrument :
BNA_F
ClientSampleId :
OK-01-032024

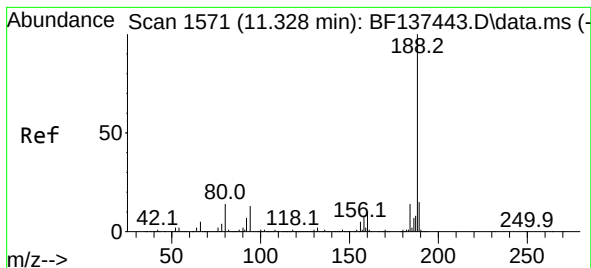
Tgt Ion:139 Resp: 337
Ion Ratio Lower Upper
139 100
109 61.0 47.1 87.1
65 69.2 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.346 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137671.D
Acq: 21 Mar 2024 20:25

Tgt Ion:165 Resp: 32442
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.6#
89 0.8 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

Instrument :

BNA_F

ClientSampleId :

OK-01-032024

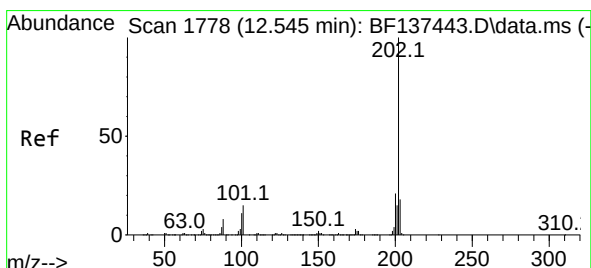
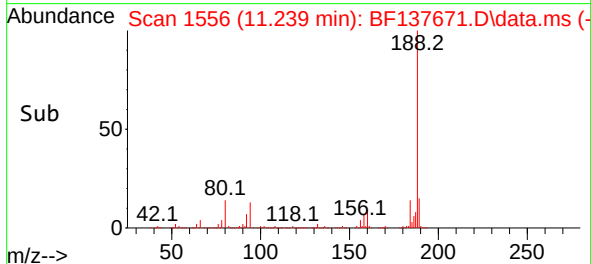
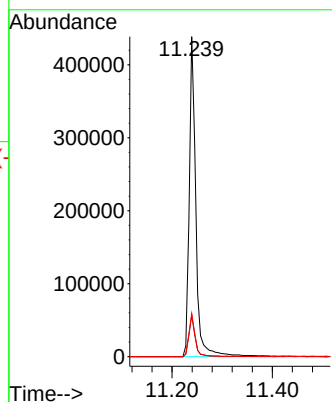
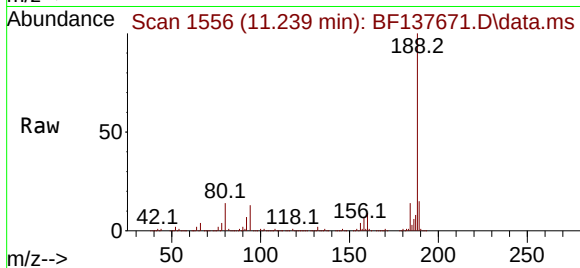
Tgt Ion:188 Resp: 403447

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.5 11.5 17.3



#75

Fluoranthene

Concen: 3.413 ng

RT: 12.451 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

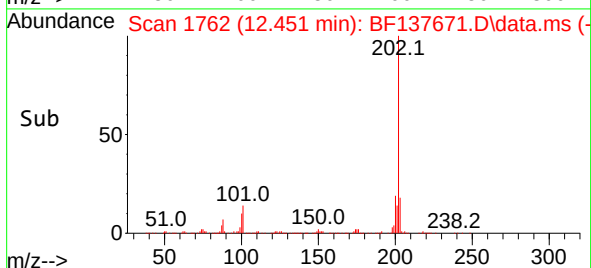
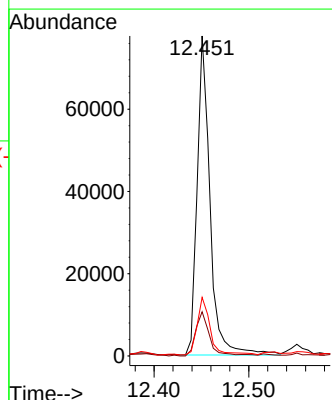
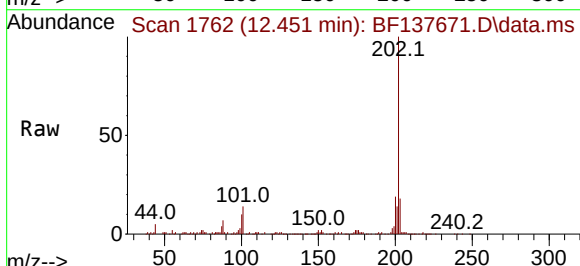
Tgt Ion:202 Resp: 73242

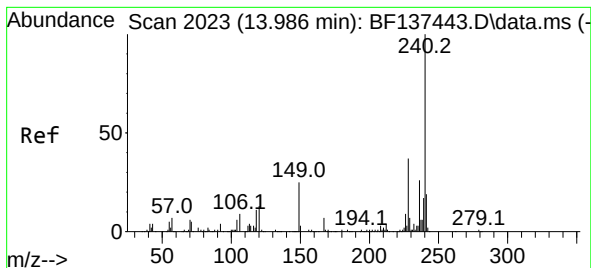
Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.0

203 18.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

Instrument :

BNA_F

ClientSampleId :

OK-01-032024

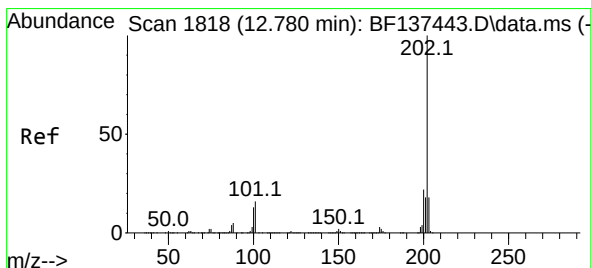
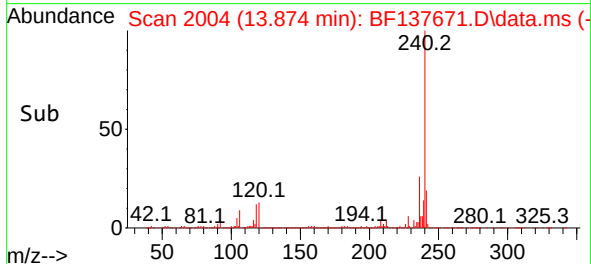
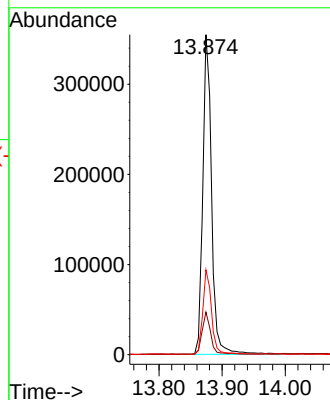
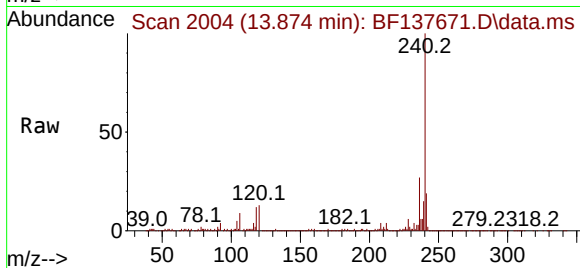
Tgt Ion:240 Resp: 342500

Ion Ratio Lower Upper

240 100

120 13.3 10.4 15.6

236 26.5 20.9 31.3



#78

Pyrene

Concen: 2.531 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

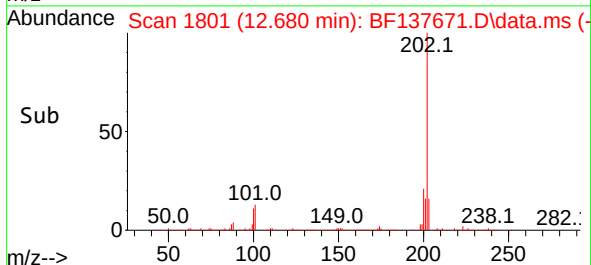
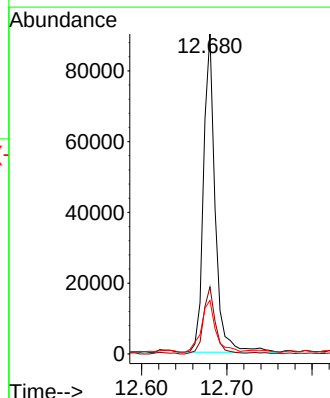
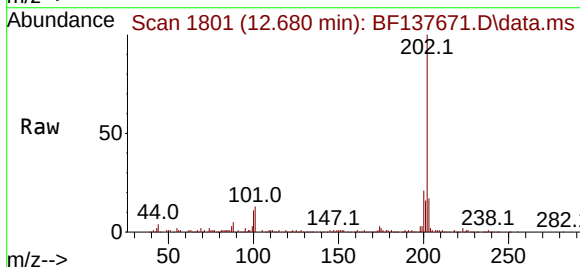
Tgt Ion:202 Resp: 85048

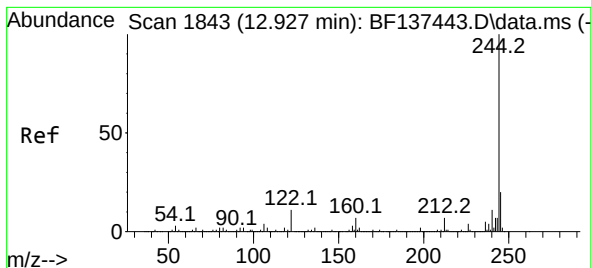
Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

203 16.7 14.1 21.1





#79

Terphenyl-d14

Concen: 3.837 ng

RT: 12.821 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

Instrument :

BNA_F

ClientSampleId :

OK-01-032024

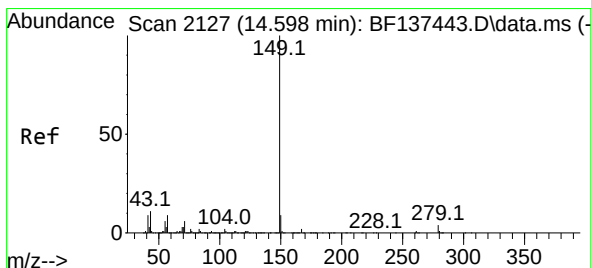
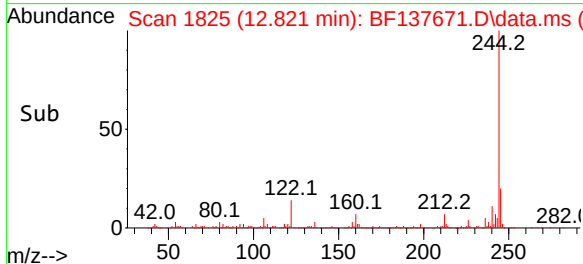
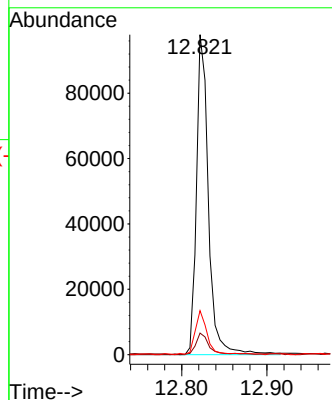
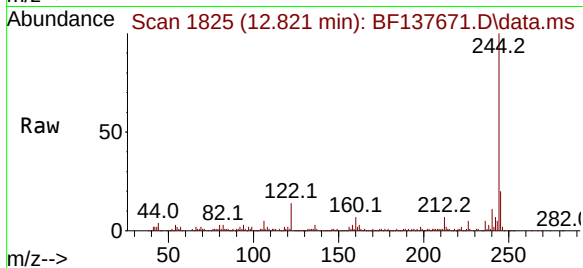
Tgt Ion:244 Resp: 95573

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 13.7 9.1 13.7#



#85

Di-n-octyl phthalate

Concen: 5.657 ng

RT: 14.451 min Scan# 2102

Delta R.T. -0.024 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

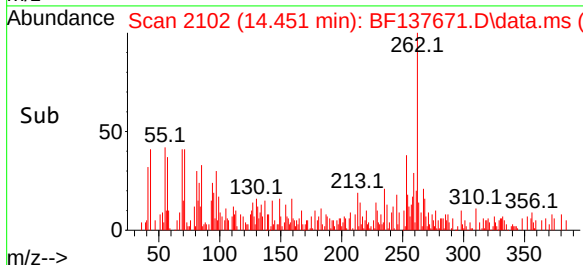
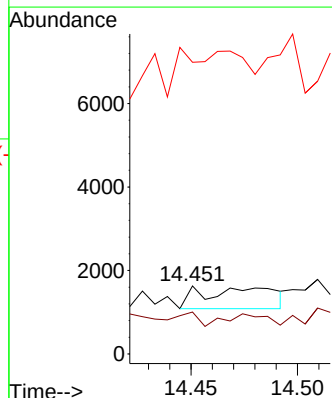
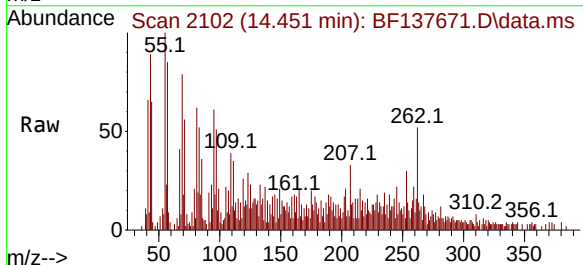
Tgt Ion:149 Resp: 1193

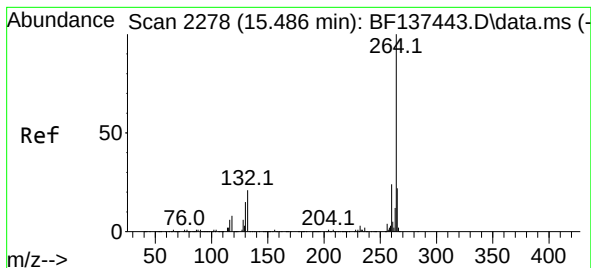
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 193.6 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

Instrument :

BNA_F

ClientSampleId :

OK-01-032024

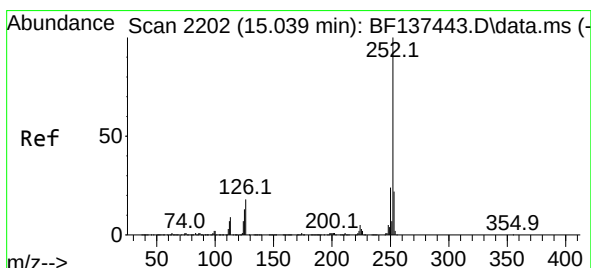
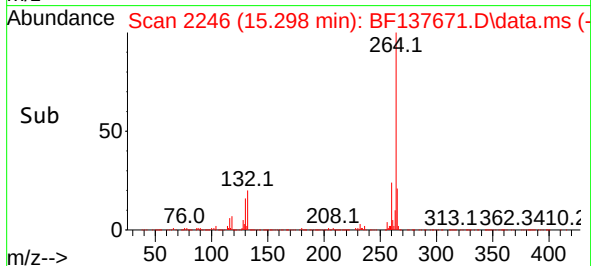
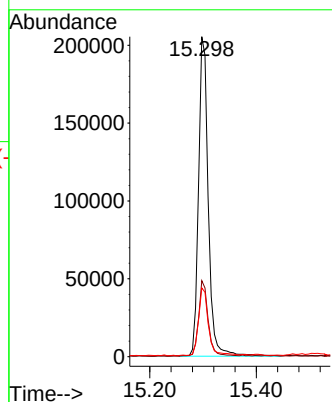
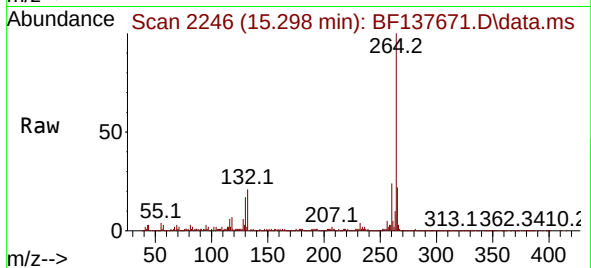
Tgt Ion:264 Resp: 260676

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.5 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 4.218 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

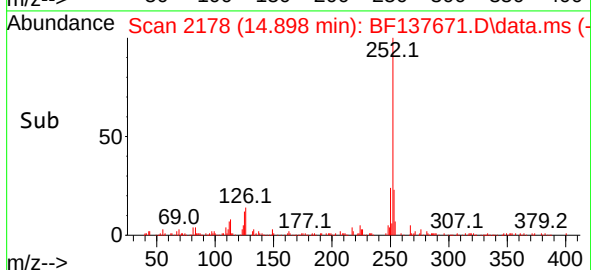
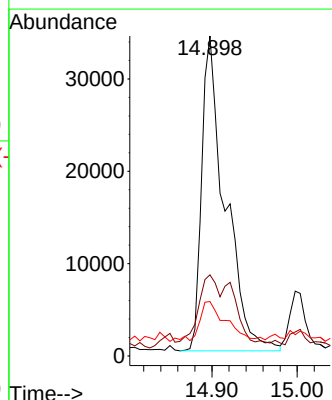
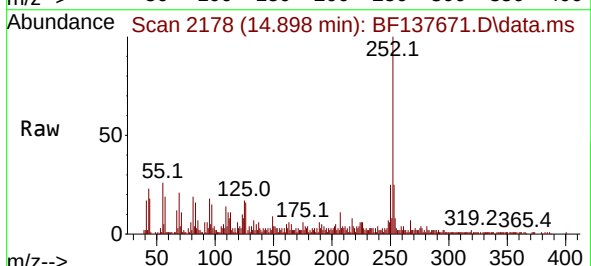
Tgt Ion:252 Resp: 65049

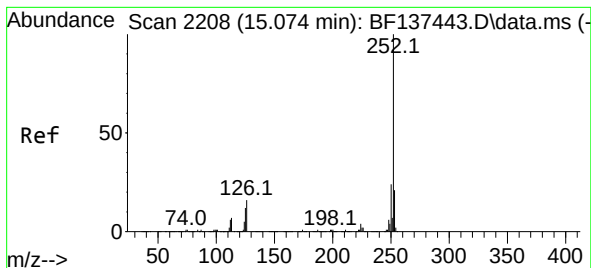
Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.8

125 17.0 10.1 15.1#





#89

Benzo(k)fluoranthene

Concen: 3.927 ng

RT: 14.898 min Scan# 2178

Delta R.T. -0.024 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

Instrument :

BNA_F

ClientSampleId :

OK-01-032024

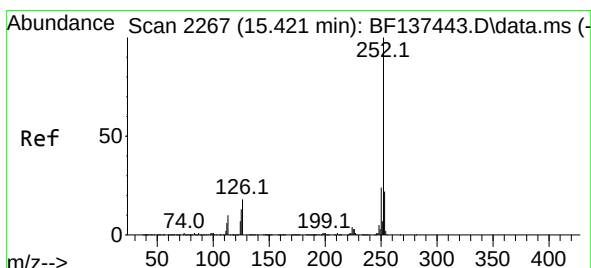
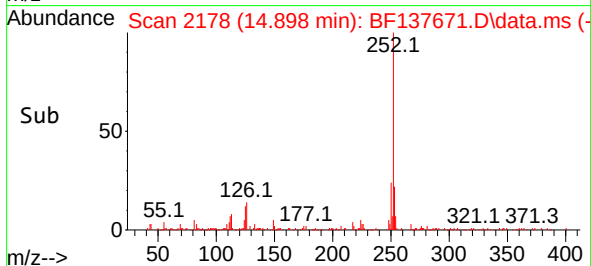
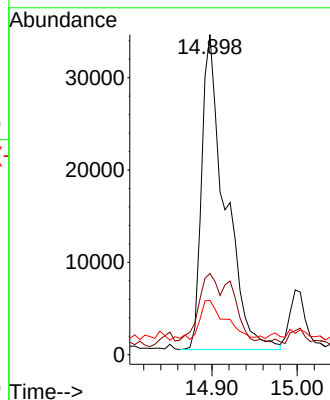
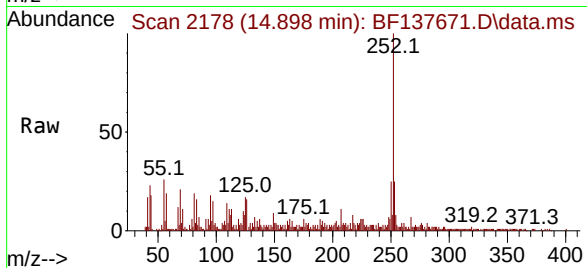
Tgt Ion:252 Resp: 65049

Ion Ratio Lower Upper

252 100

253 25.3 17.3 25.9

125 17.0 9.6 14.4#



#90

Benzo(a)pyrene

Concen: 2.170 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137671.D

Acq: 21 Mar 2024 20:25

Tgt Ion:252 Resp: 32980

Ion Ratio Lower Upper

252 100

253 26.7 17.4 26.2#

125 21.1 10.4 15.6#

