

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137749.D
 Acq On : 29 Apr 2024 14:38
 Operator : CG\JU
 Sample : P2231-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 15:30:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

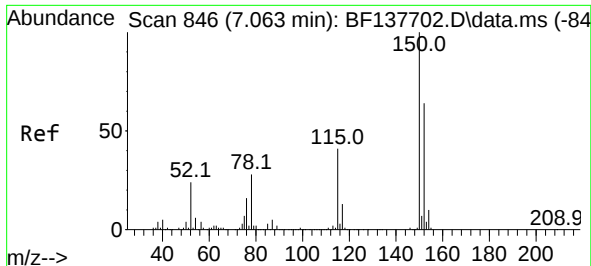
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	264315	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1029558	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	558094	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	874275	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	494005	20.000	ng	0.00
86) Perylene-d12	15.821	264	523196	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1472991	84.654	ng	0.00
7) Phenol-d6	6.669	99	1882581	85.199	ng	0.00
23) Nitrobenzene-d5	7.622	82	1138824	58.717	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	503671	89.437	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2198502	58.861	ng	0.00
79) Terphenyl-d14	13.186	244	1767320	57.583	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	150577	10.538	ng	# 77
25) Isophorone	7.622	82	1135765	31.530	ng	# 64
53) 3-Nitroaniline	10.198	138	42141	4.577	ng	# 16
57) 2,4-Dinitrotoluene	10.104	165	74630	7.226	ng	# 25
63) Azobenzene	10.786	77	124567	3.250	ng	# 21
67) 4-Bromophenyl-phenylether	10.898	248	32769	3.235	ng	# 1
75) Fluoranthene	12.816	202	102562	2.108	ng	98
80) Butylbenzylphthalate	13.668	149	32889	2.287	ng	# 73
88) Benzo(b)fluoranthene	15.345	252	73443	2.194	ng	98
89) Benzo(k)fluoranthene	15.345	252	73443	2.232	ng	98

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

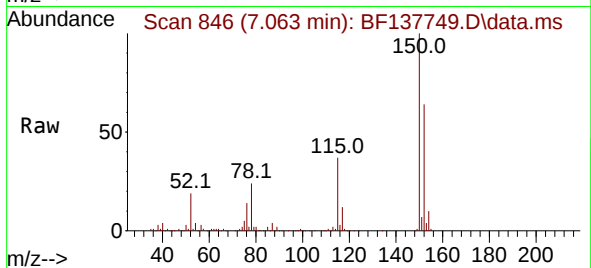
Quant Time: Apr 29 15:30:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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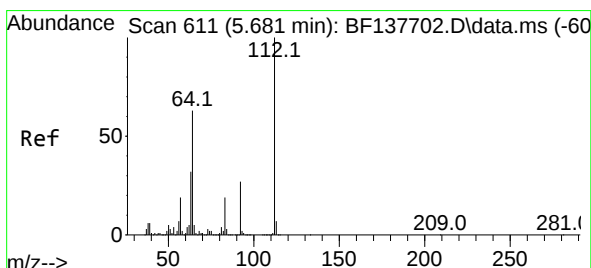
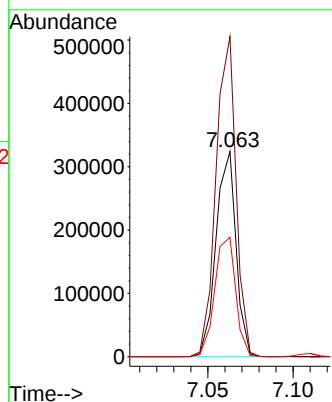
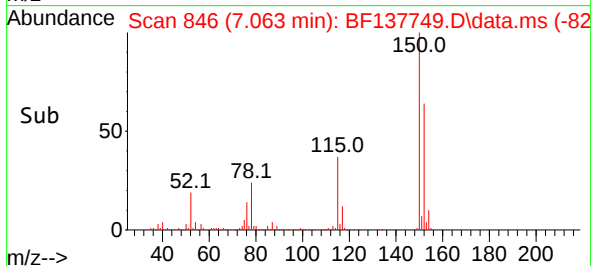


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

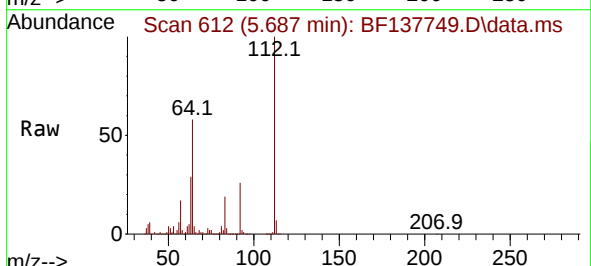
Instrument :
BNA_F
ClientSampleId :



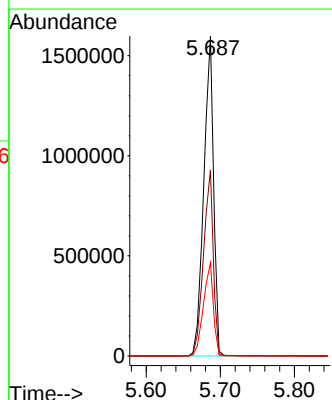
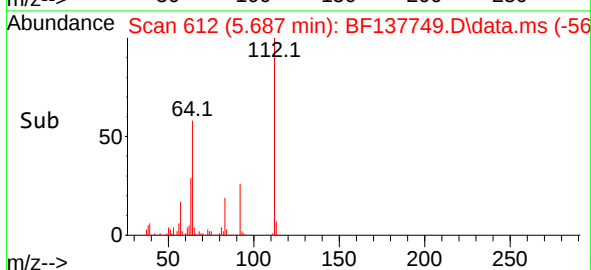
Tgt Ion:152 Resp: 264315
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.4
115 58.2 50.8 76.2



#5
2-Fluorophenol
Concen: 84.654 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38



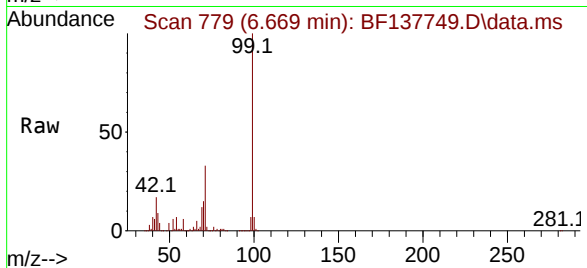
Tgt Ion:112 Resp: 1472991
Ion Ratio Lower Upper
112 100
64 58.1 50.1 75.1
63 29.2 25.2 37.8



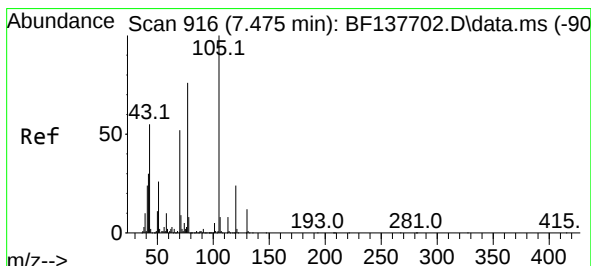
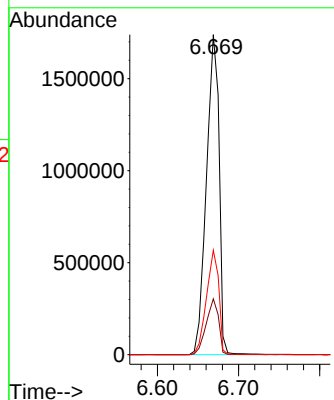
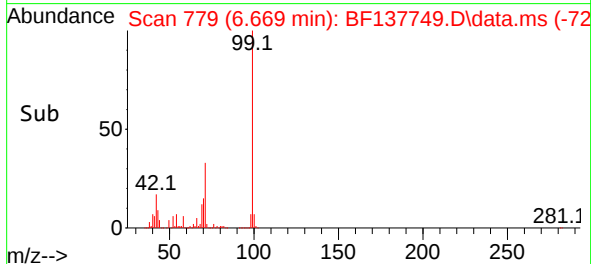


#7
Phenol-d6
Concen: 85.199 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

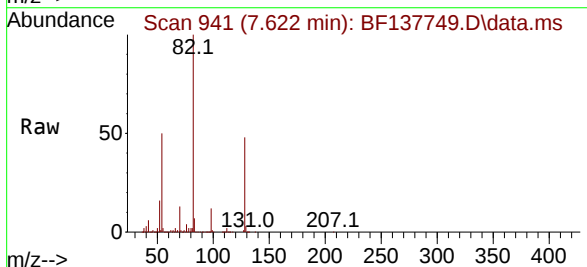
Instrument :
BNA_F
ClientSampleId :



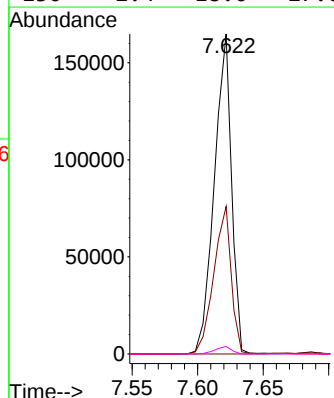
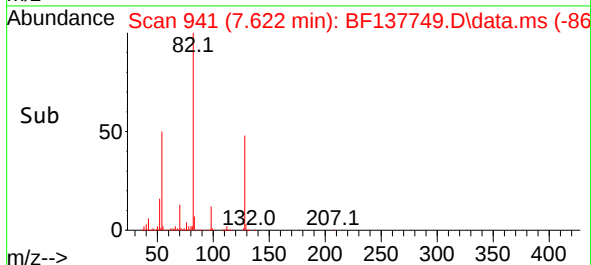
Tgt Ion: 99 Resp: 1882581
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 32.7 25.7 38.5

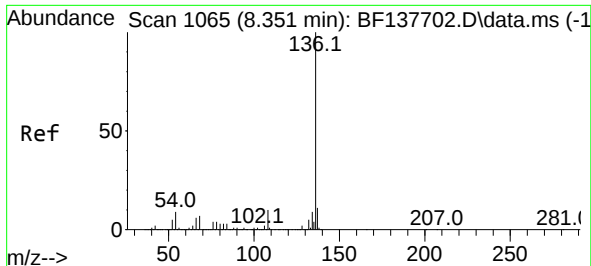


#19
n-Nitroso-di-n-propylamine
Concen: 10.538 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38



Tgt Ion: 70 Resp: 150577
Ion Ratio Lower Upper
70 100
42 46.1 45.9 68.9
101 0.0 8.0 12.0#
130 2.4 18.0 27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

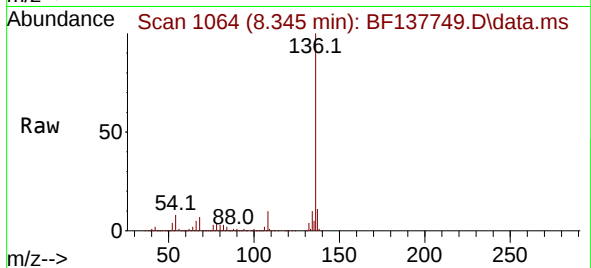
Lab File: BF137749.D

Acq: 29 Apr 2024 14:38

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 1029558

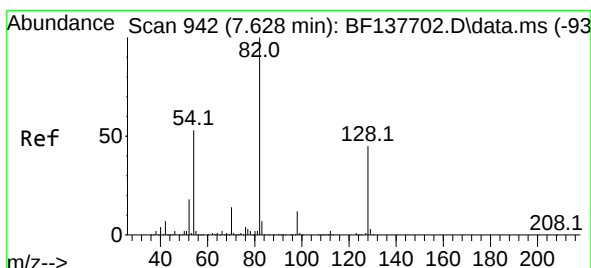
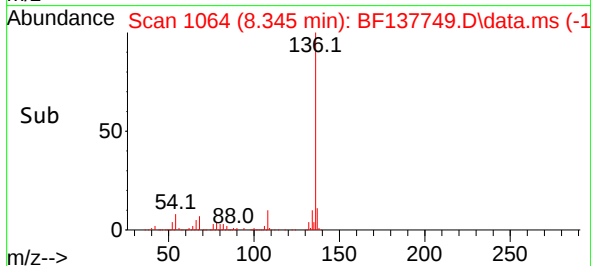
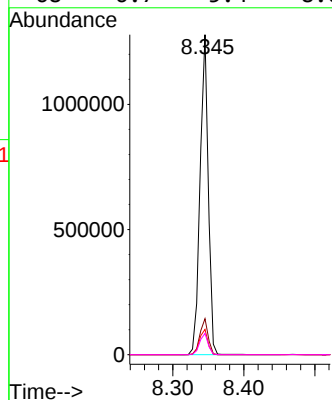
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 6.9 10.3

68 6.7 5.4 8.0



#23

Nitrobenzene-d5

Concen: 58.717 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137749.D

Acq: 29 Apr 2024 14:38

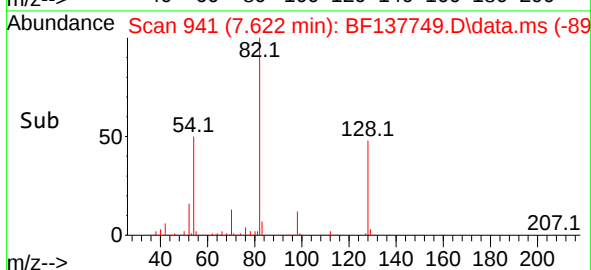
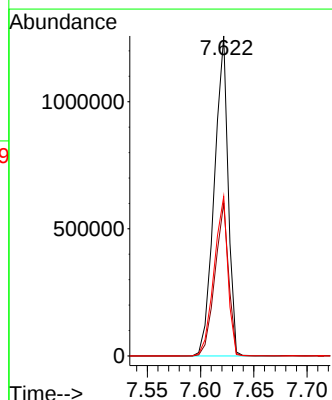
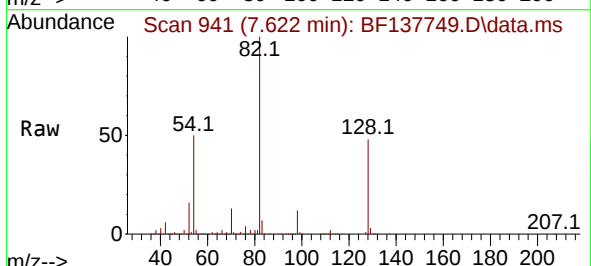
Tgt Ion: 82 Resp: 1138824

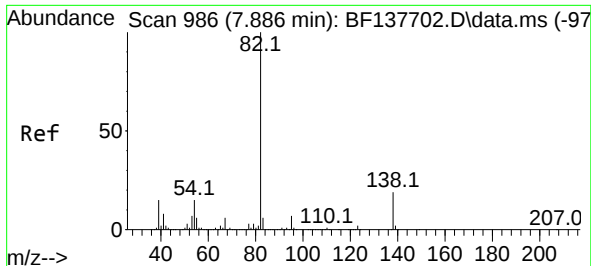
Ion Ratio Lower Upper

82 100

128 47.8 35.8 53.6

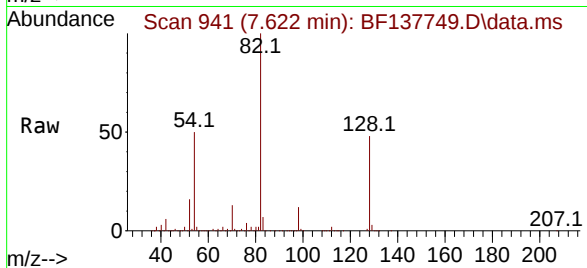
54 49.9 42.5 63.7



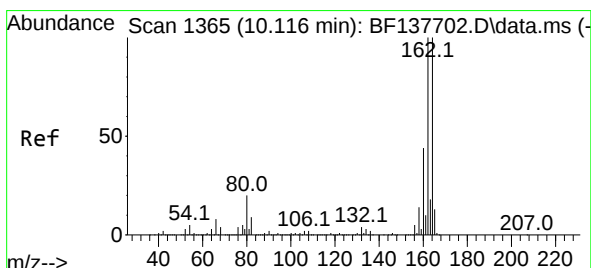
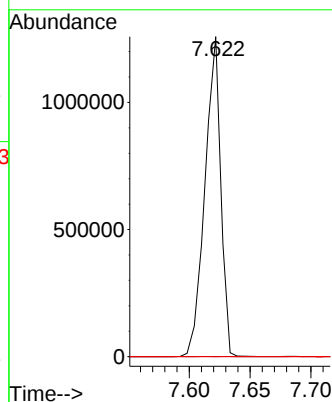
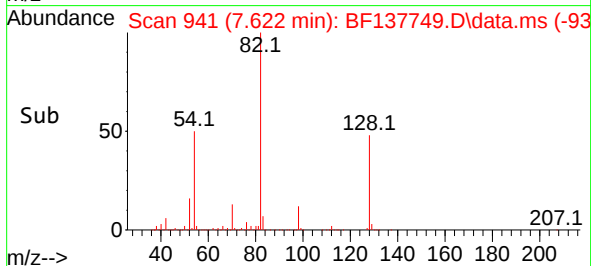


#25
Isophorone
Concen: 31.530 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Instrument :
BNA_F
ClientSampleId :

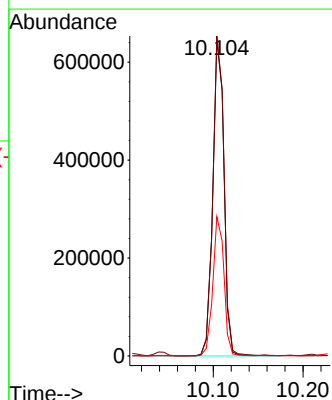
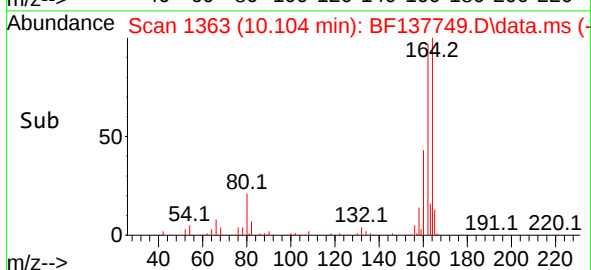
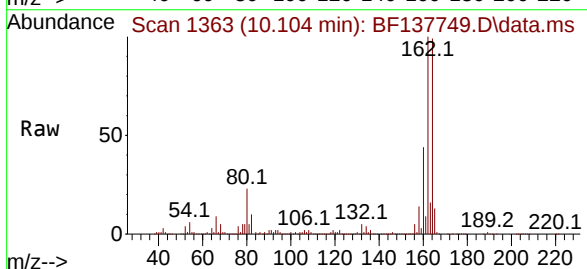


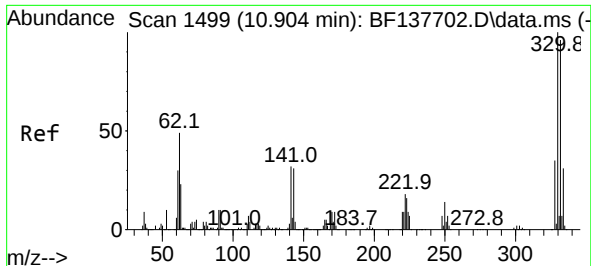
Tgt Ion: 82 Resp: 1135765
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Tgt Ion:164 Resp: 558094
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 44.2 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 89.437 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

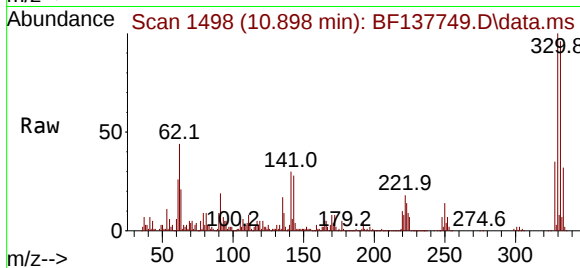
Lab File: BF137749.D

Acq: 29 Apr 2024 14:38

Instrument :

BNA_F

ClientSampleId :



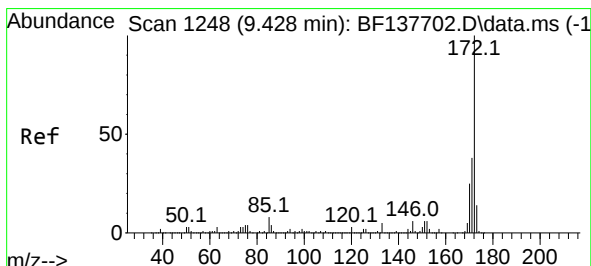
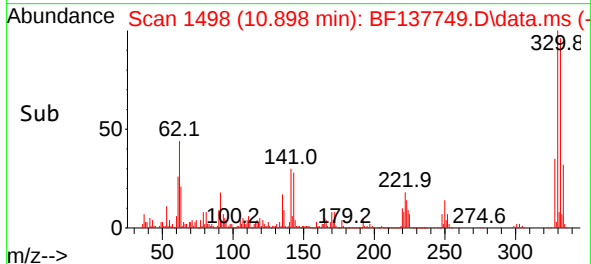
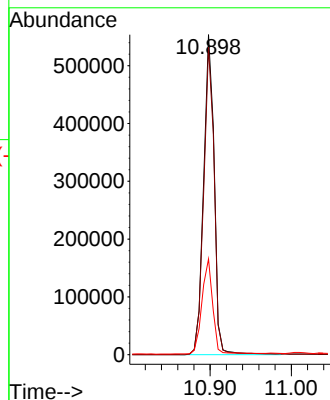
Tgt Ion:330 Resp: 503671

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 30.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 58.861 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137749.D

Acq: 29 Apr 2024 14:38

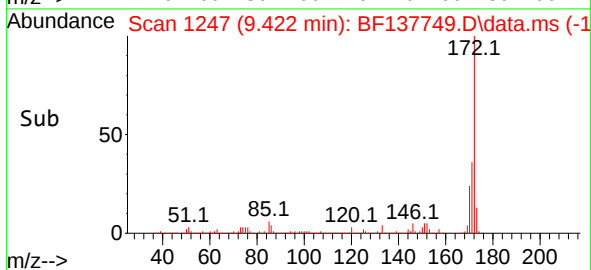
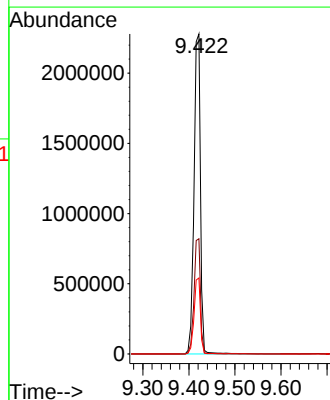
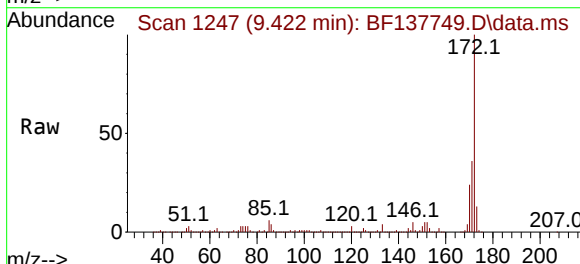
Tgt Ion:172 Resp: 2198502

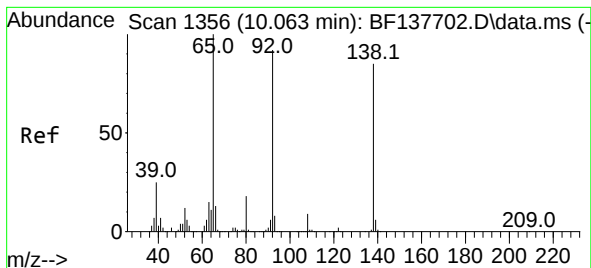
Ion Ratio Lower Upper

172 100

171 36.0 30.2 45.4

170 23.7 20.2 30.4

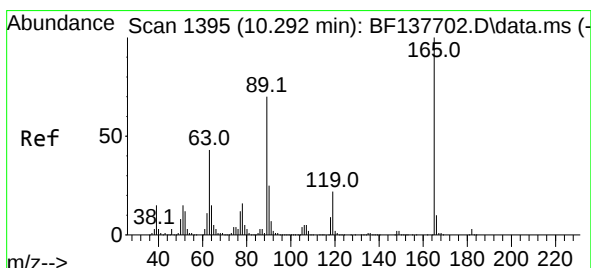
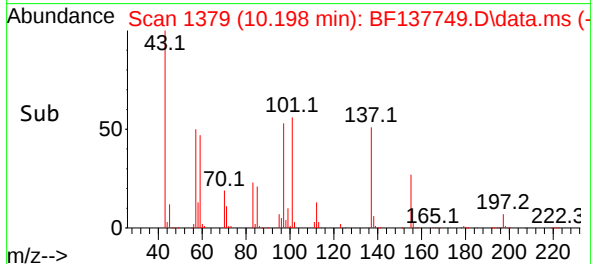
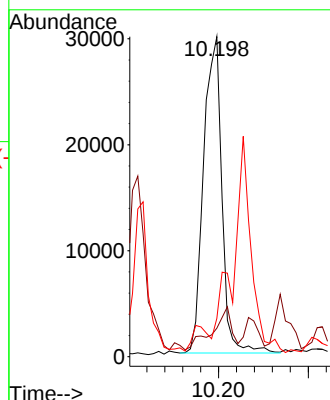
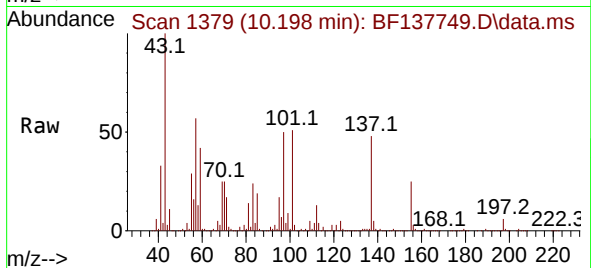




#53
3-Nitroaniline
Concen: 4.577 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

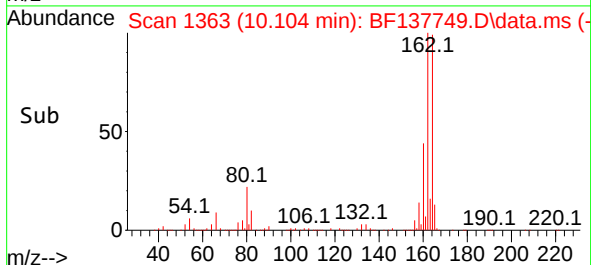
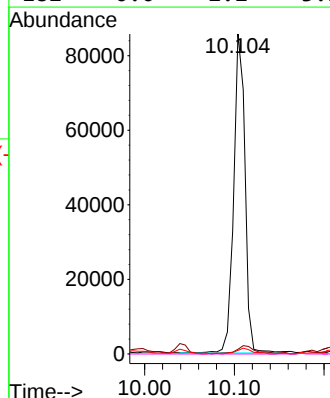
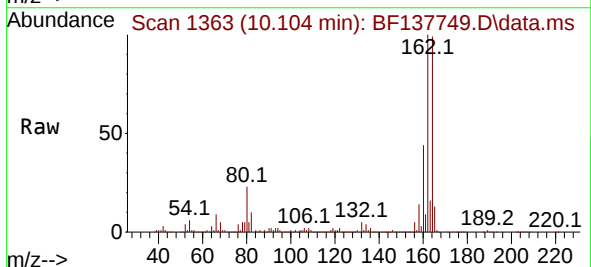
Instrument :
BNA_F
ClientSampleId :

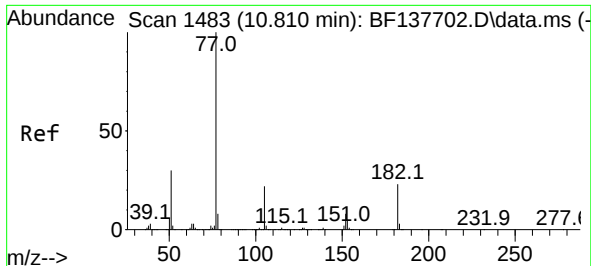
Tgt Ion:138 Resp: 42141
Ion Ratio Lower Upper
138 100
108 8.9 8.3 12.5
92 12.0 86.9 130.3#



#57
2,4-Dinitrotoluene
Concen: 7.226 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Tgt Ion:165 Resp: 74630
Ion Ratio Lower Upper
165 100
63 1.5 34.1 51.1#
89 1.1 56.4 84.6#
182 0.0 2.2 3.2#

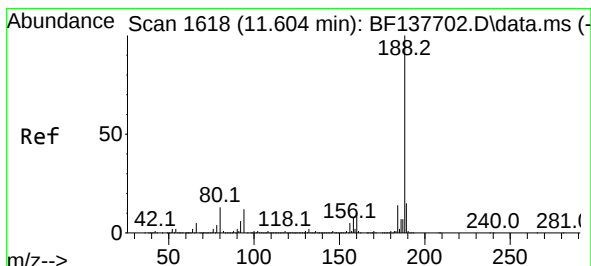
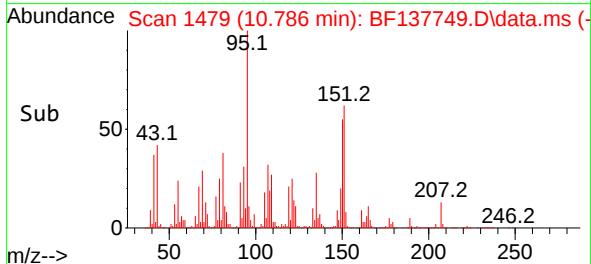
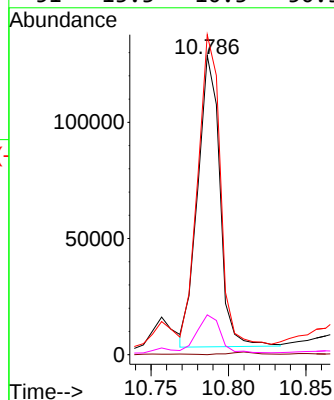
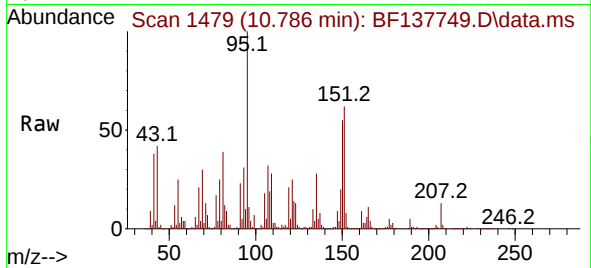




#63
Azobenzene
Concen: 3.250 ng
RT: 10.786 min Scan# 1483
Delta R.T. -0.024 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

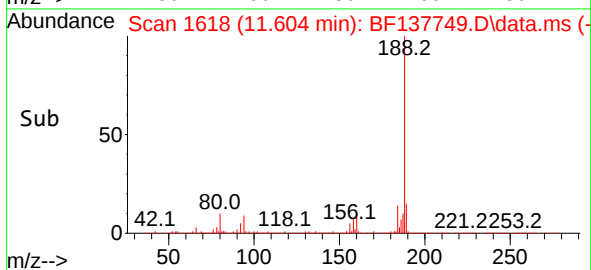
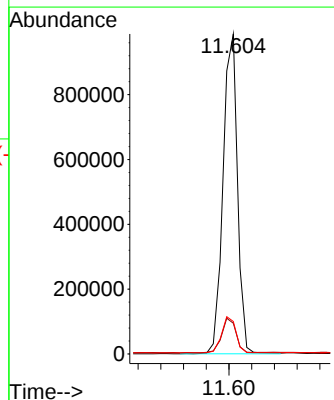
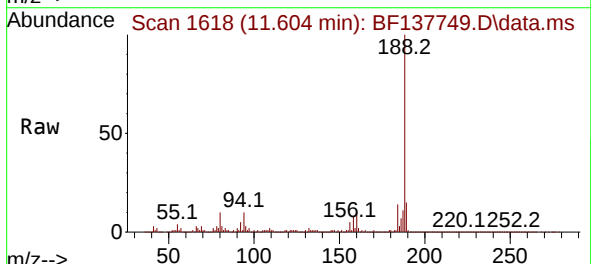
Instrument :
BNA_F
ClientSampleId :

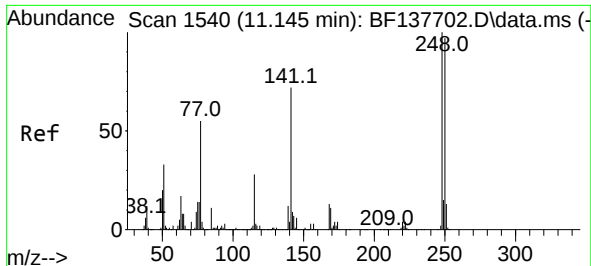
Tgt Ion: 77 Resp: 124567
Ion Ratio Lower Upper
77 100
182 0.0 3.1 43.1#
105 106.9 1.6 41.6#
51 13.3 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

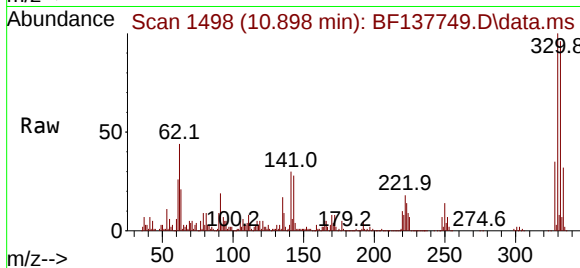
Tgt Ion: 188 Resp: 874275
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.2 10.2 15.4#



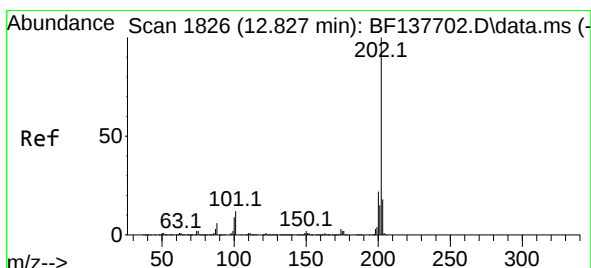
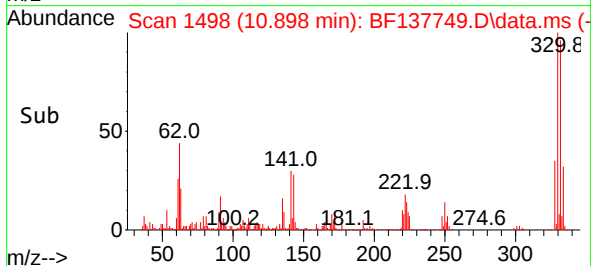
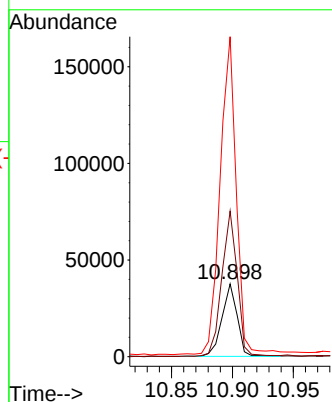


#67
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 10.898 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Instrument :
BNA_F
ClientSampleId :

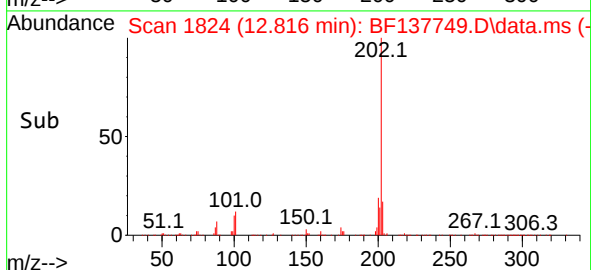
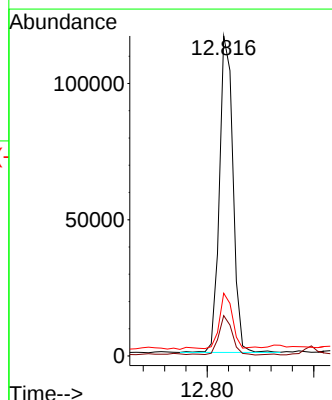
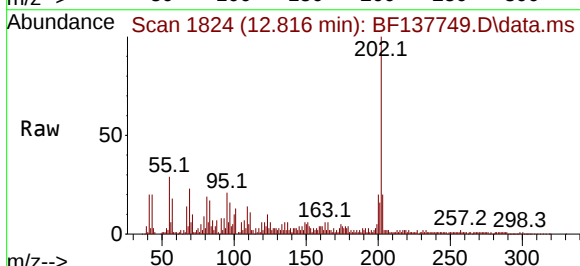


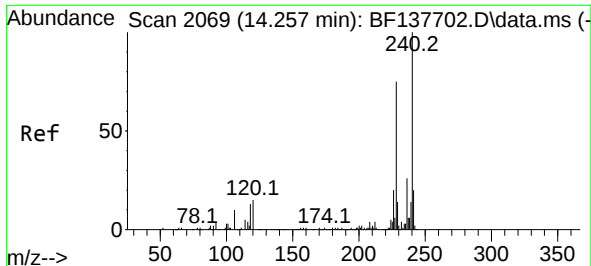
Tgt Ion:248 Resp: 32769
Ion Ratio Lower Upper
248 100
250 199.9 77.4 116.0#
141 439.4 57.9 86.9#



#75
Fluoranthene
Concen: 2.108 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

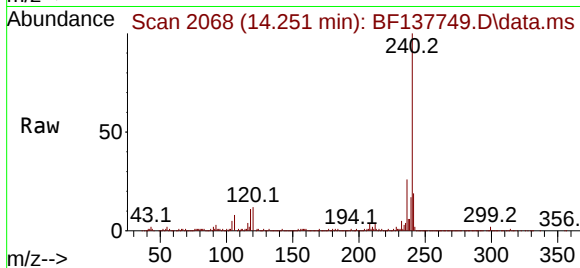
Tgt Ion:202 Resp: 102562
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.2
203 19.6 0.0 38.1



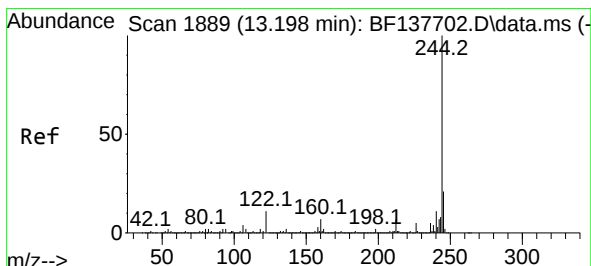
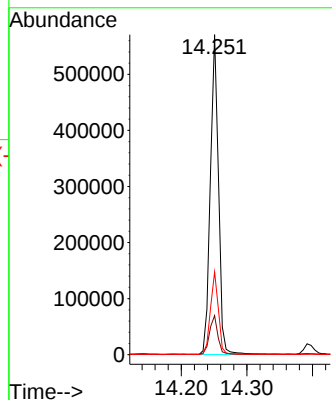
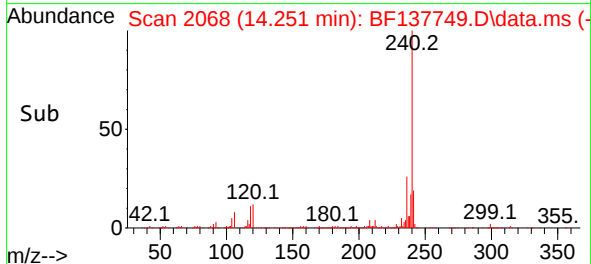


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Instrument :
BNA_F
ClientSampleId :

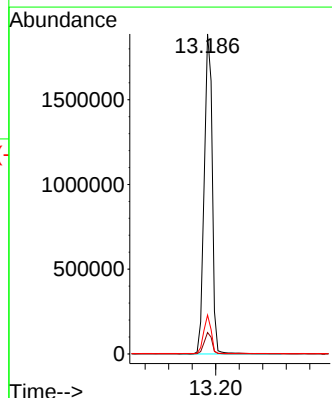
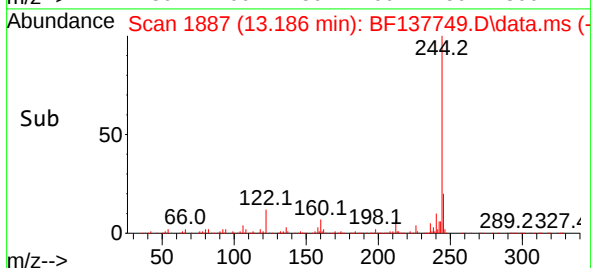
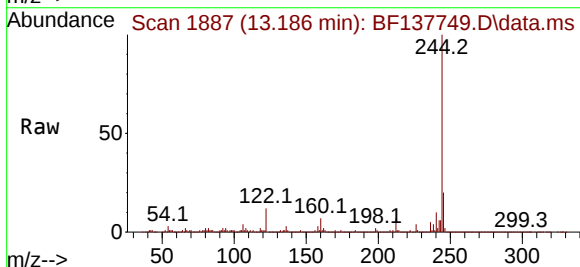


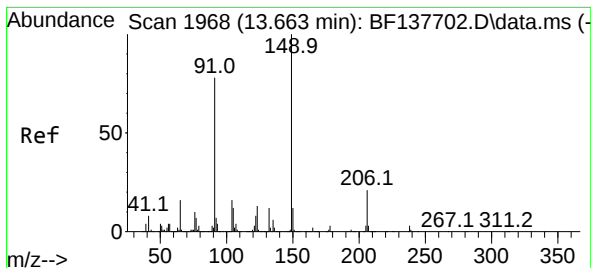
Tgt Ion:240 Resp: 494005
Ion Ratio Lower Upper
240 100
120 12.2 11.9 17.9
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 57.583 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Tgt Ion:244 Resp: 1767320
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 12.2 8.8 13.2

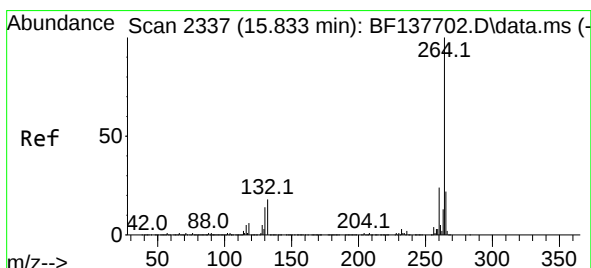
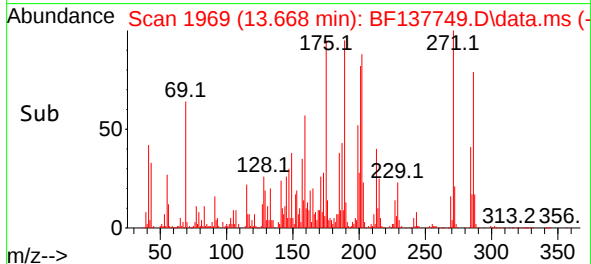
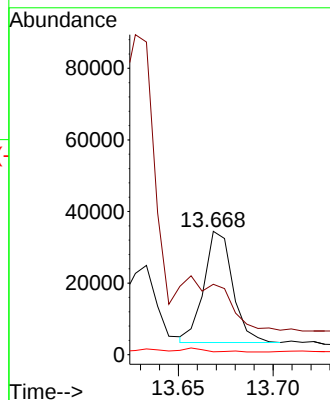
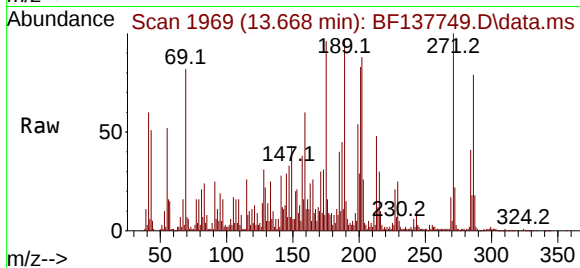




#80
Butylbenzylphthalate
Concen: 2.287 ng
RT: 13.668 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

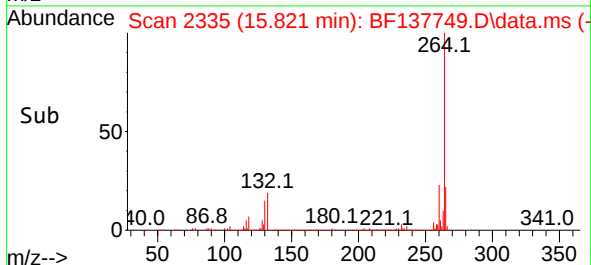
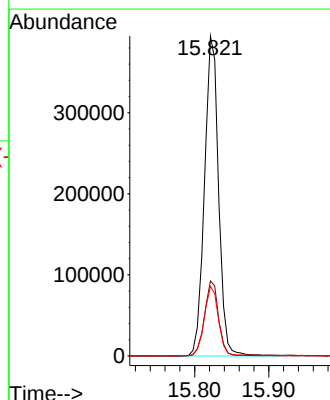
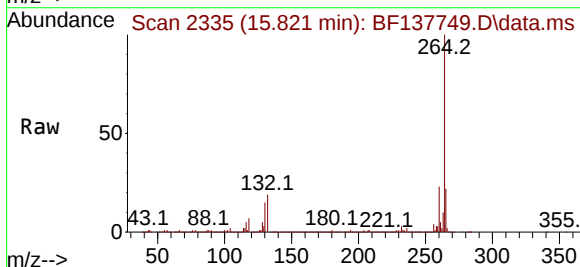
Instrument :
BNA_F
ClientSampleId :

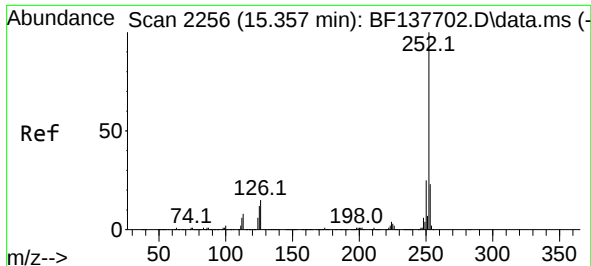
Tgt Ion:149 Resp: 32889
Ion Ratio Lower Upper
149 100
91 57.2 62.6 93.8#
206 2.3 16.5 24.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. -0.012 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Tgt Ion:264 Resp: 523196
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.8 17.5 26.3

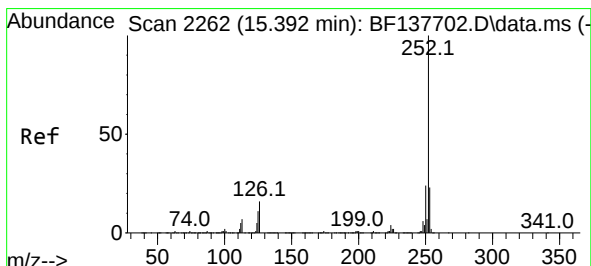
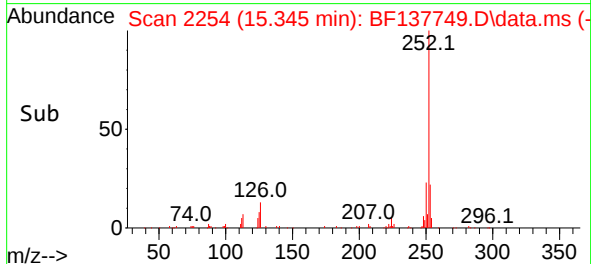
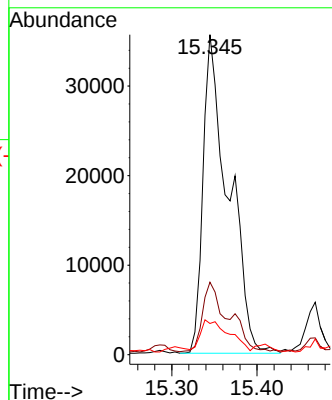
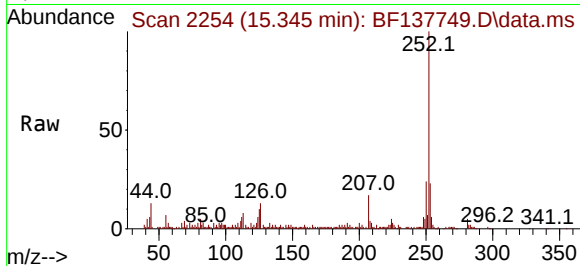




#88
Benzo(b)fluoranthene
Concen: 2.194 ng
RT: 15.345 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73443
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 9.7 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 2.232 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.047 min
Lab File: BF137749.D
Acq: 29 Apr 2024 14:38

Tgt Ion:252 Resp: 73443
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 9.7 9.0 13.6

