

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139047.D
 Acq On : 16 Aug 2024 03:50
 Operator : RC/JU
 Sample : P3526-01RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 16 04:34:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

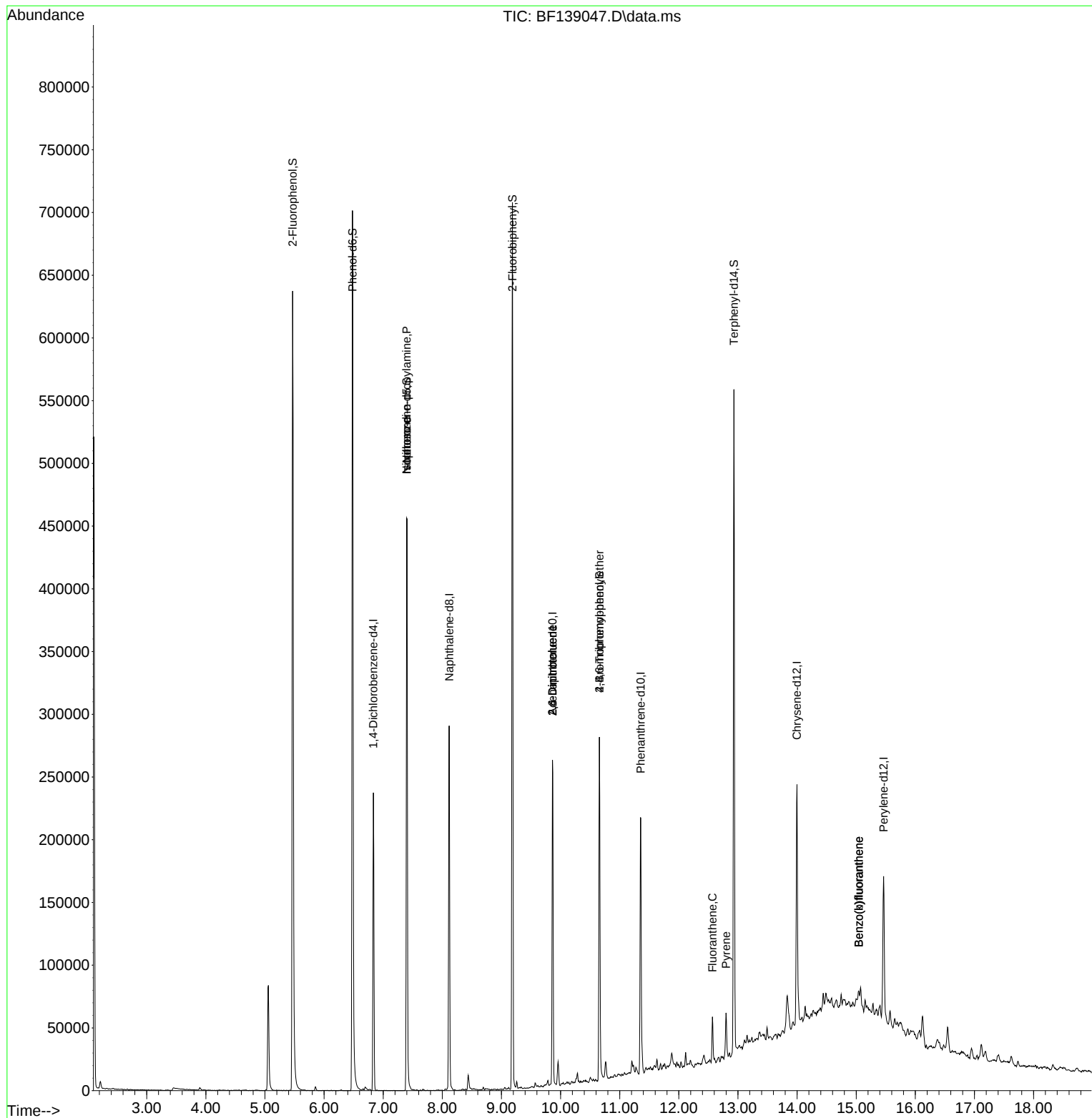
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	44277	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	167993	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	74744	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	104496	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	79886	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	60480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	221792	77.324	ng	0.00
7) Phenol-d6	6.481	99	300254	77.967	ng	0.00
23) Nitrobenzene-d5	7.398	82	198806	57.859	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	37544	61.321	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	280540	56.394	ng	-0.02
79) Terphenyl-d14	12.933	244	234643	49.177	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	28430	12.223	ng	# 79
25) Isophorone	7.398	82	198805	33.884	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	9514	8.821	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	9514	6.914	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	2765	2.444	ng	# 1
75) Fluoranthene	12.568	202	17843	3.552	ng	99
78) Pyrene	12.798	202	17002	2.260	ng	98
88) Benzo(b)fluoranthene	15.045	252	10612	2.830	ng	# 73
89) Benzo(k)fluoranthene	15.045	252	10612	3.269	ng	# 72

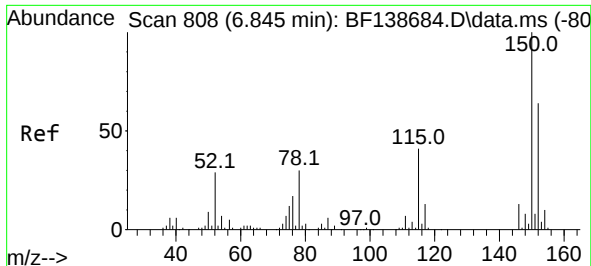
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139047.D
Acq On : 16 Aug 2024 03:50
Operator : RC/JU
Sample : P3526-01RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Quant Time: Aug 16 04:34:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

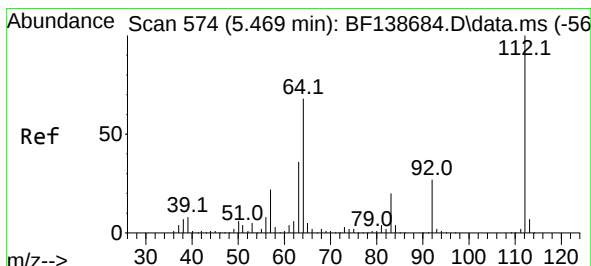
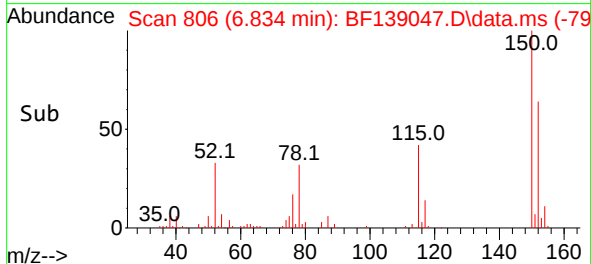
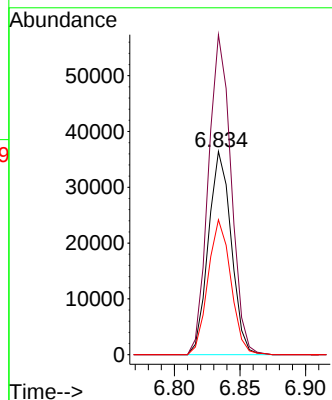
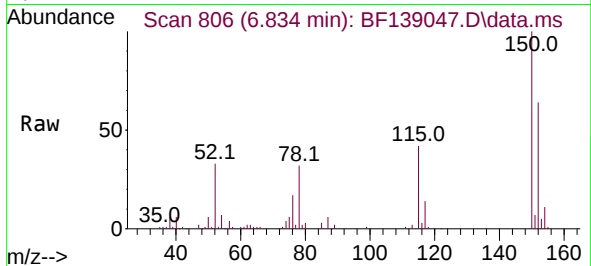




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

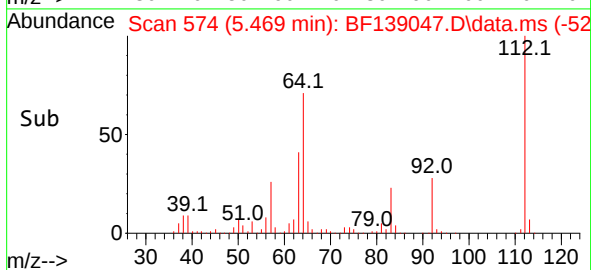
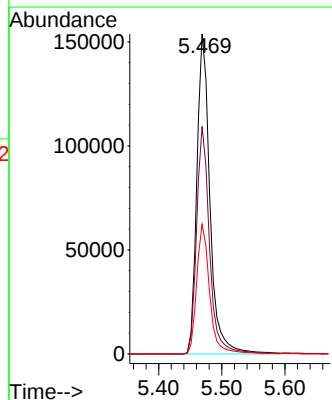
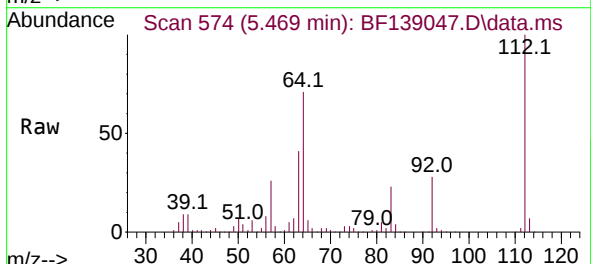
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

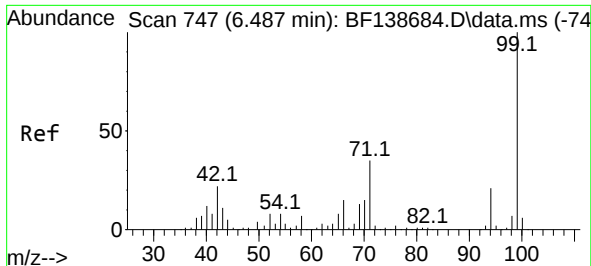
Tgt Ion:152 Resp: 44277
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 77.324 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Tgt Ion:112 Resp: 221792
Ion Ratio Lower Upper
112 100
64 71.1 54.2 81.4
63 40.5 28.7 43.1

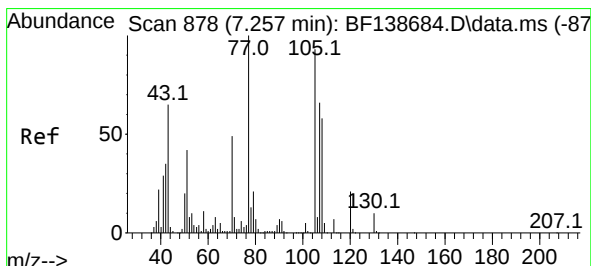
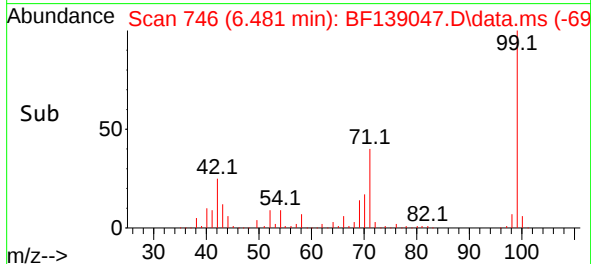
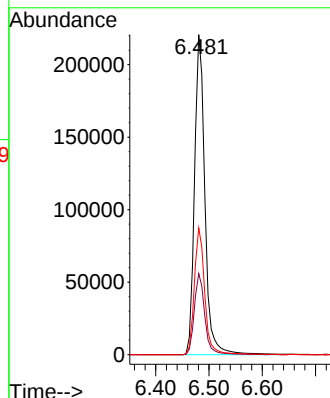
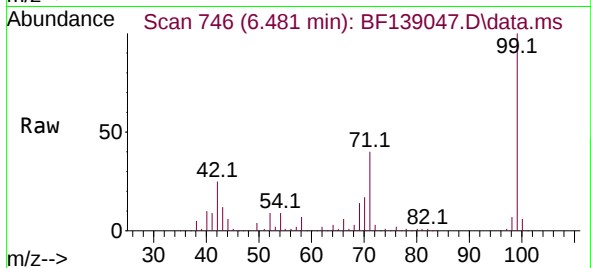




#7
Phenol-d6
Concen: 77.967 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

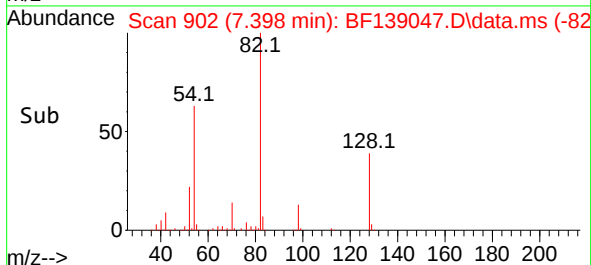
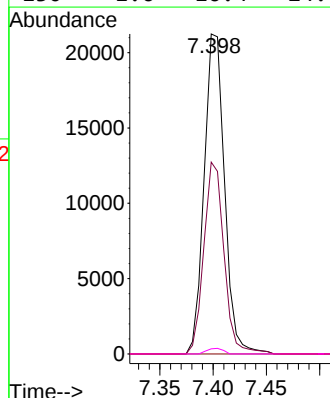
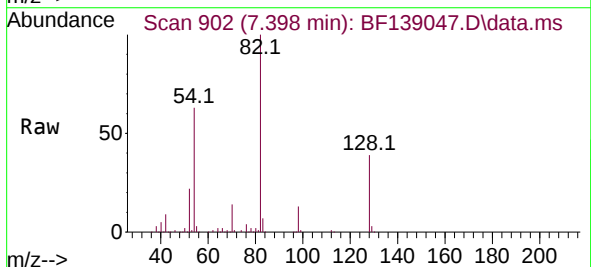
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

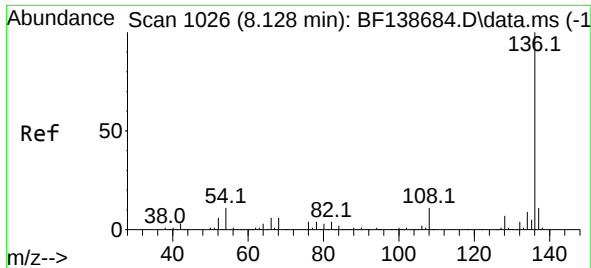
Tgt Ion: 99 Resp: 300254
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.223 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

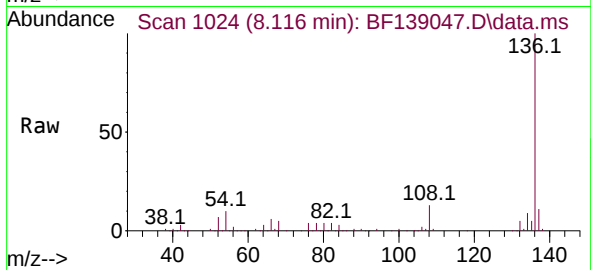
Tgt Ion: 70 Resp: 28430
Ion Ratio Lower Upper
70 100
42 59.9 57.4 86.0
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#



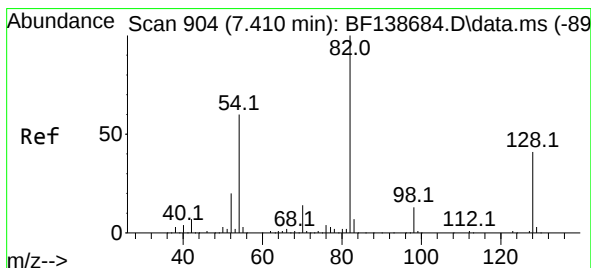
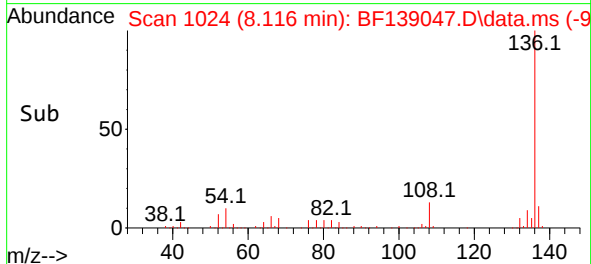
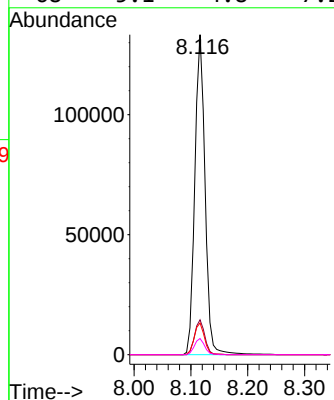


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

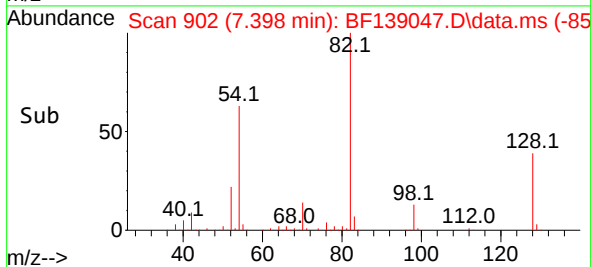
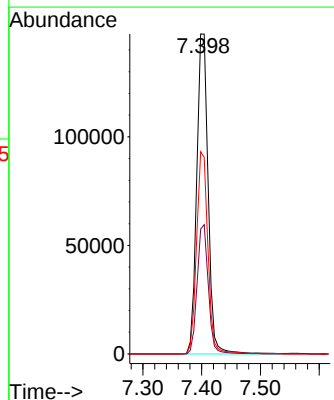
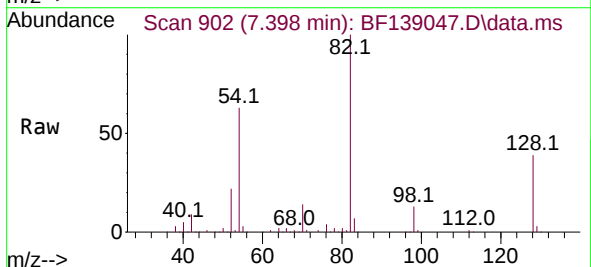


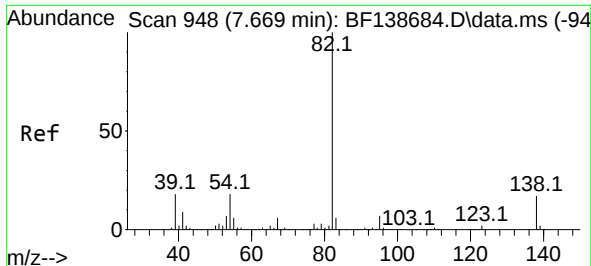
Tgt Ion:136 Resp: 167993
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.9 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 57.859 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Tgt Ion: 82 Resp: 198806
Ion Ratio Lower Upper
82 100
128 39.0 32.8 49.2
54 63.2 48.3 72.5

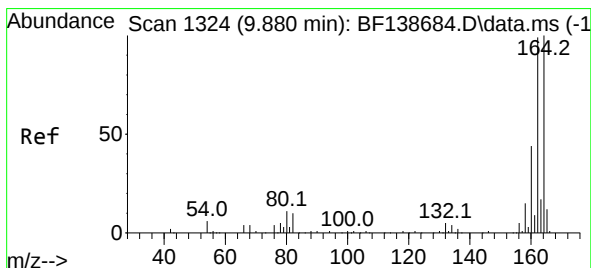
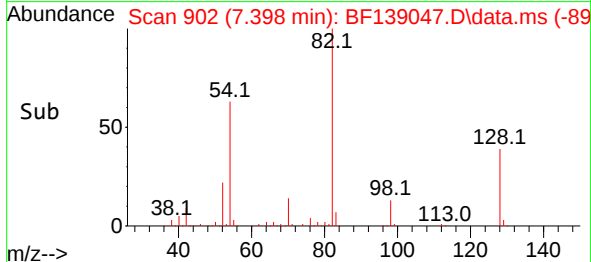
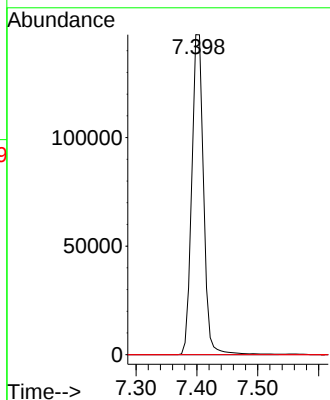
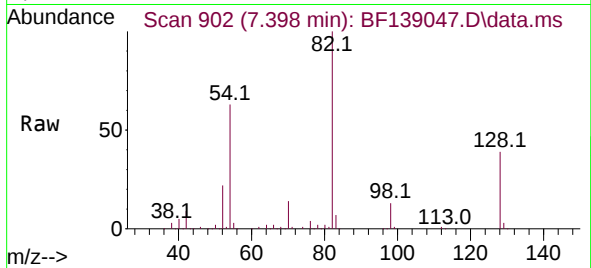




#25
Isophorone
Concen: 33.884 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

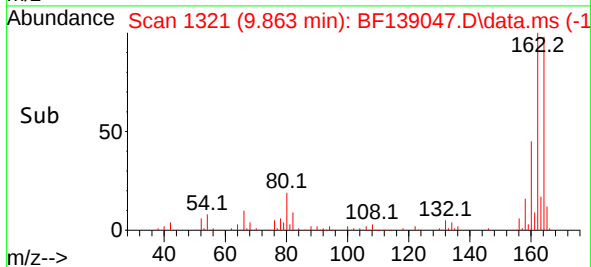
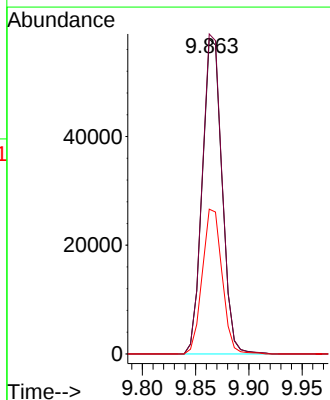
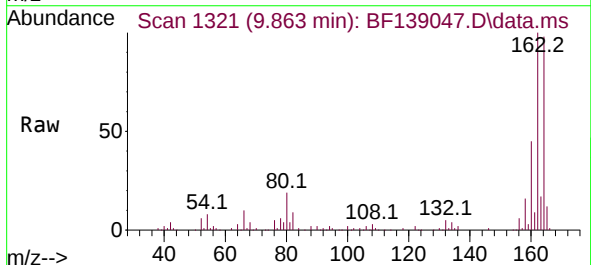
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

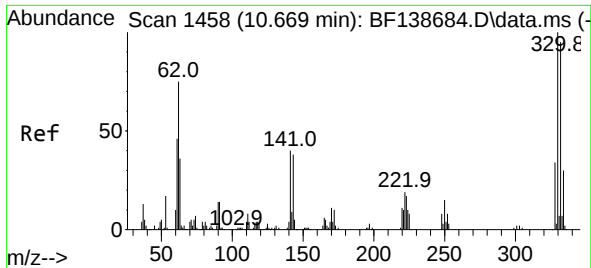
Tgt Ion: 82 Resp: 198805
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

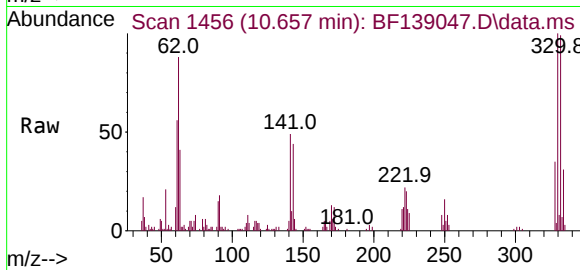
Tgt Ion:164 Resp: 74744
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.0
160 46.0 35.1 52.7



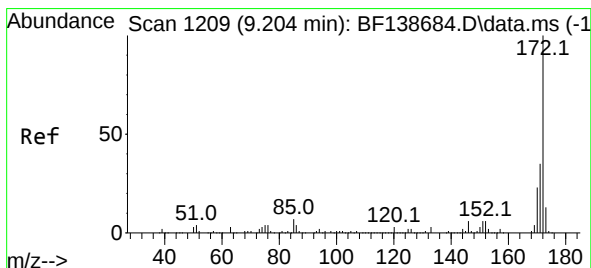
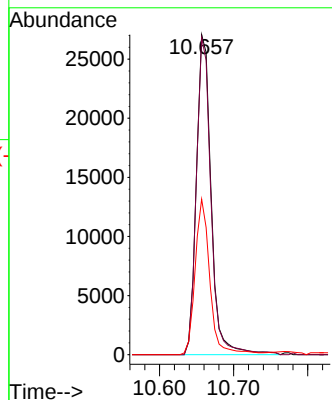
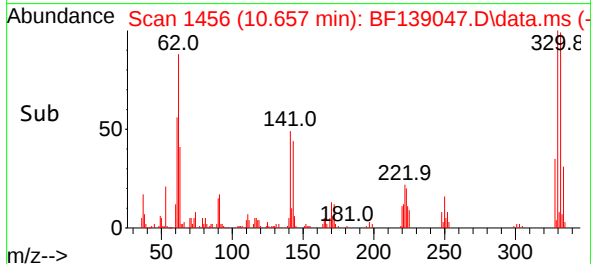


#42
2,4,6-Tribromophenol
Concen: 61.321 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

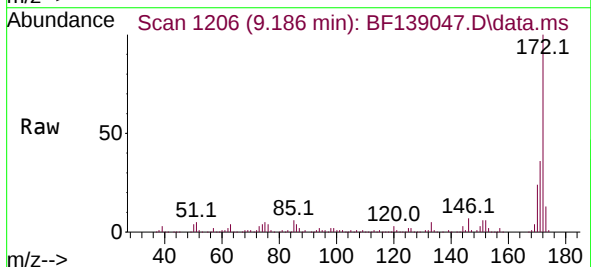
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP



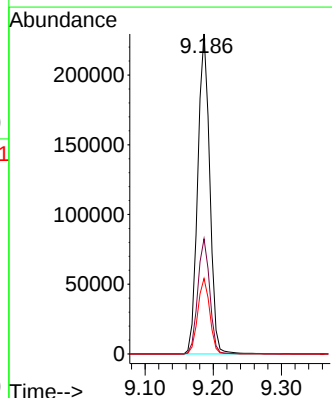
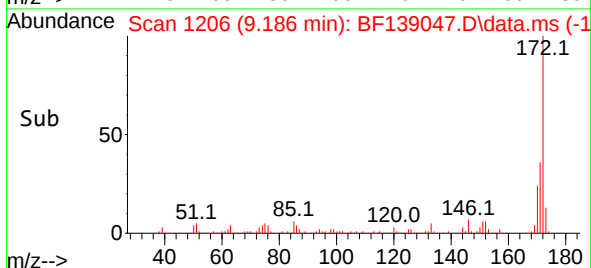
Tgt Ion: 330 Resp: 37544
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 48.5 31.1 46.7#

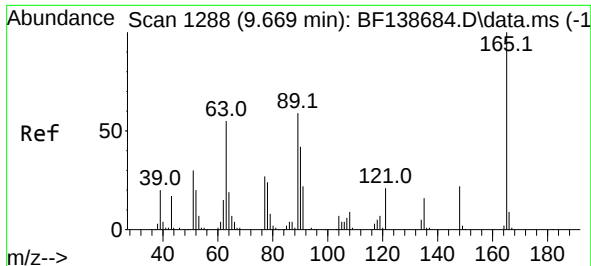


#45
2-Fluorobiphenyl
Concen: 56.394 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50



Tgt Ion: 172 Resp: 280540
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.6 18.8 28.2

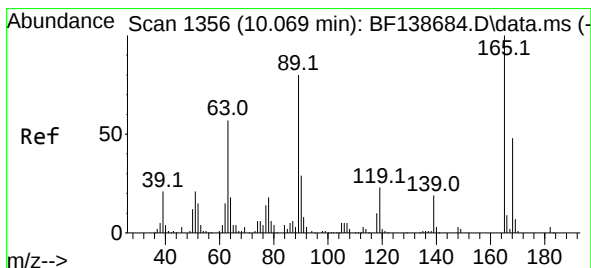
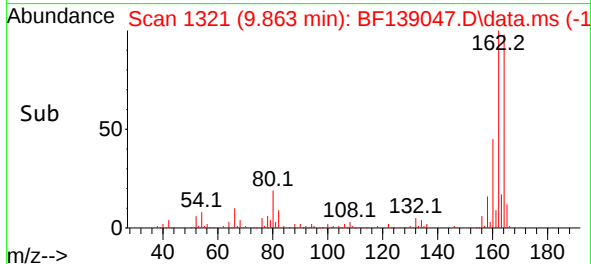
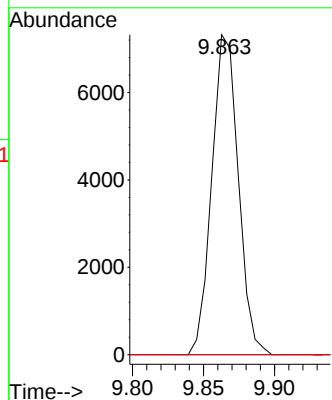
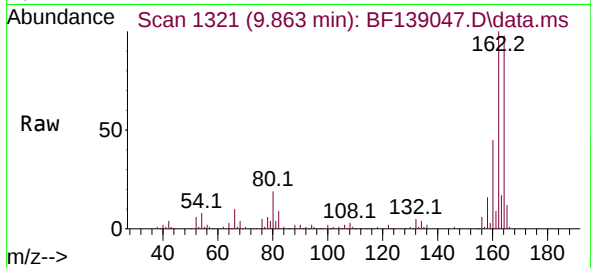




#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

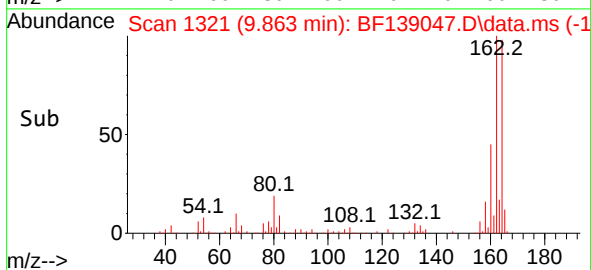
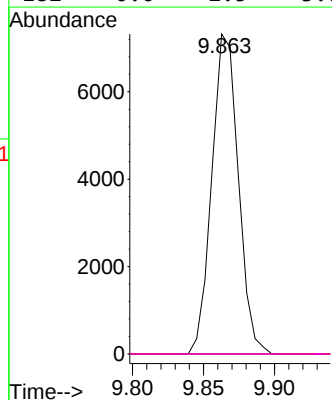
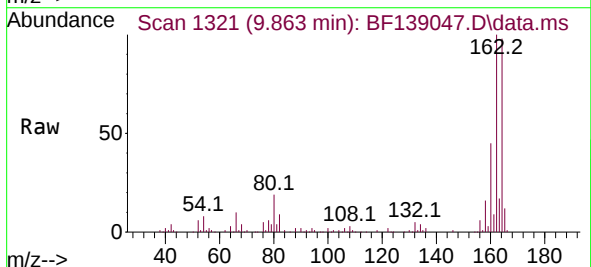
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

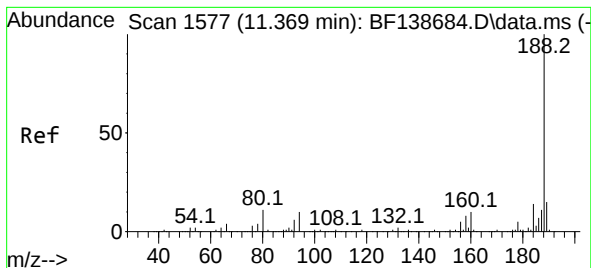
Tgt Ion:165 Resp: 9514
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.206 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Tgt Ion:165 Resp: 9514
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

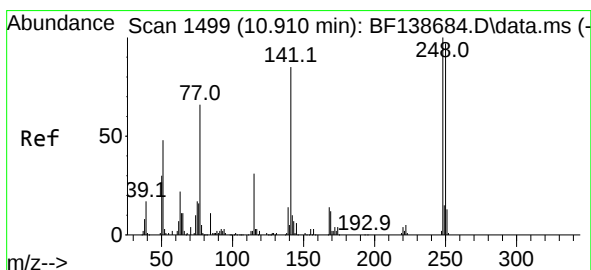
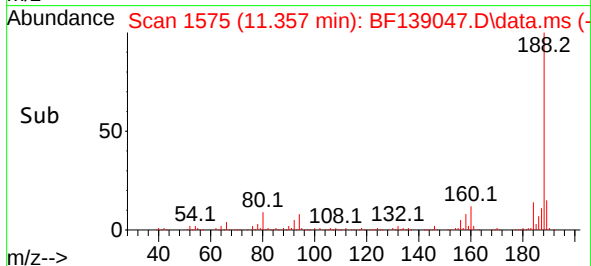
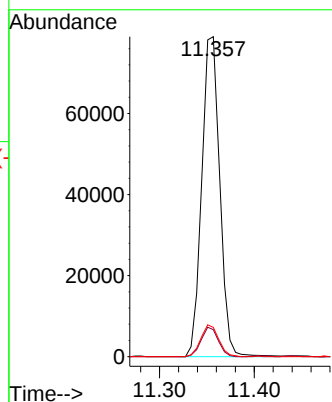
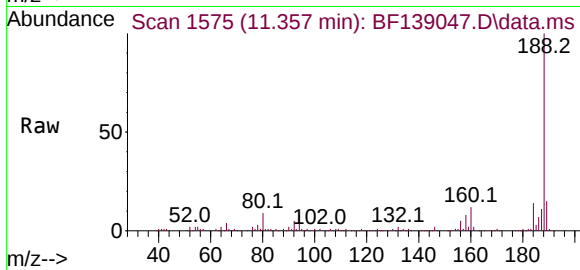
Tgt Ion:188 Resp: 104496

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.444 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

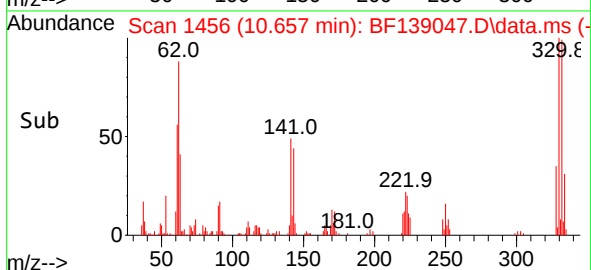
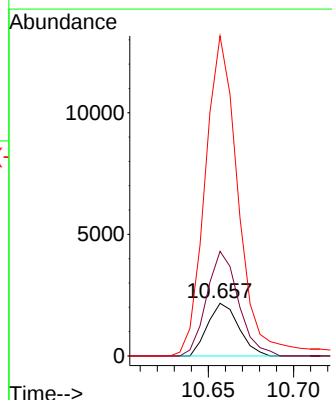
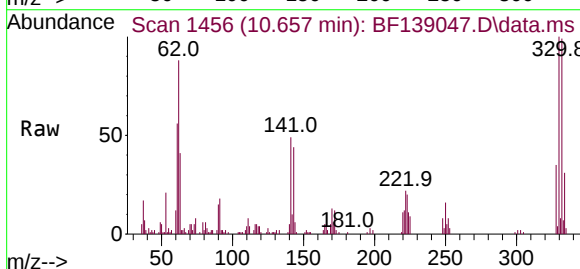
Tgt Ion:248 Resp: 2765

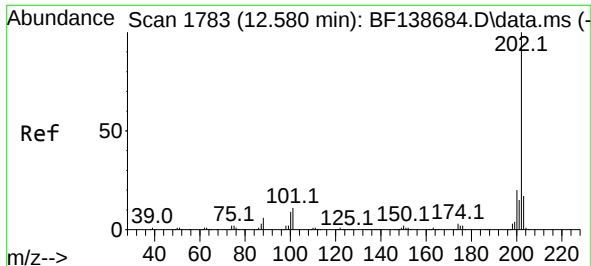
Ion Ratio Lower Upper

248 100

250 198.6 77.7 116.5#

141 607.6 68.0 102.0#

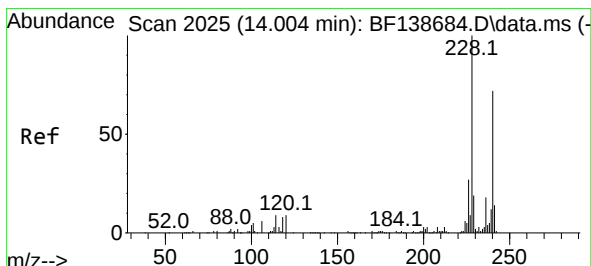
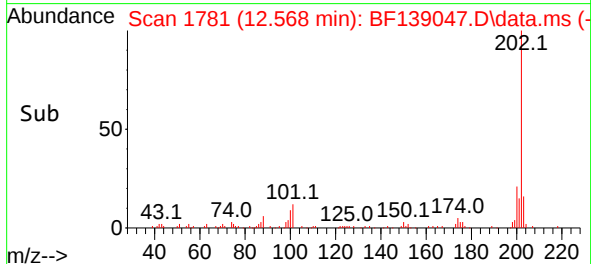
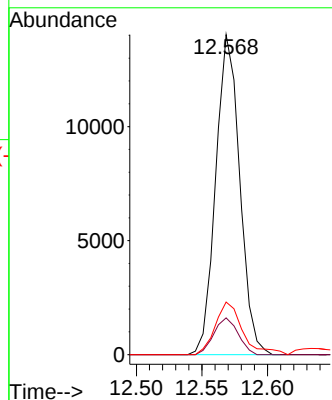
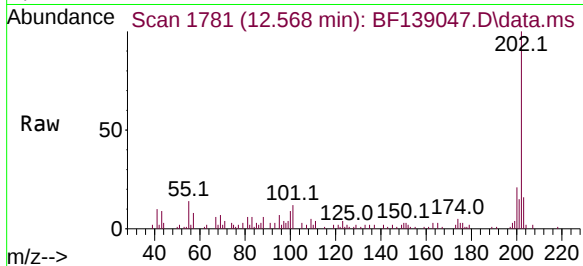




#75
Fluoranthene
Concen: 3.552 ng
RT: 12.568 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

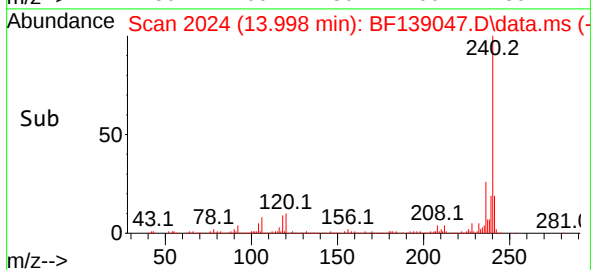
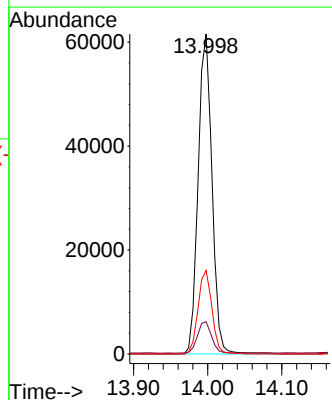
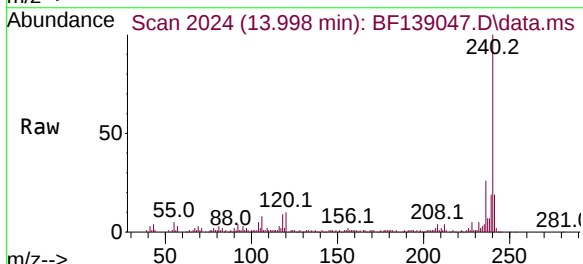
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

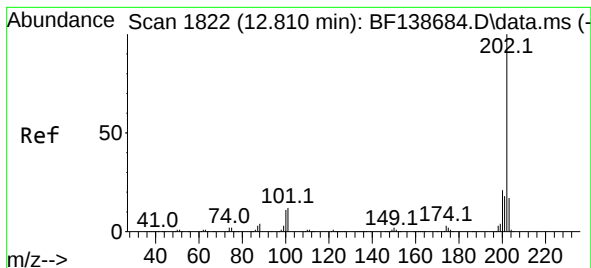
Tgt Ion:202 Resp: 17843
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.2
203 16.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139047.D
Acq: 16 Aug 2024 03:50

Tgt Ion:240 Resp: 79886
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 26.1 19.8 29.8





#78

Pyrene

Concen: 2.260 ng

RT: 12.798 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

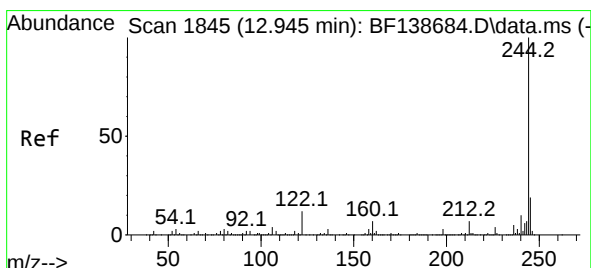
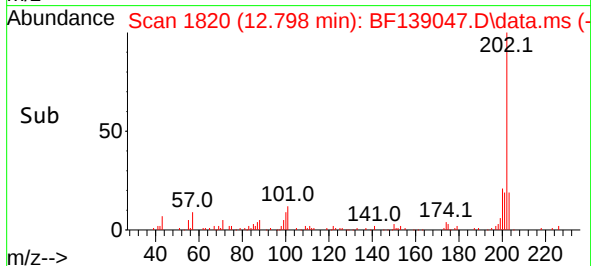
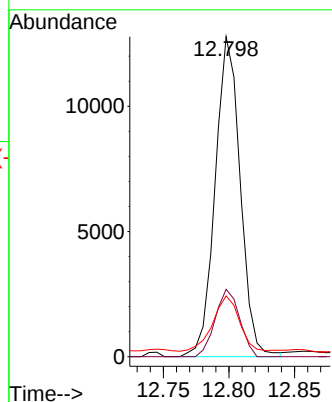
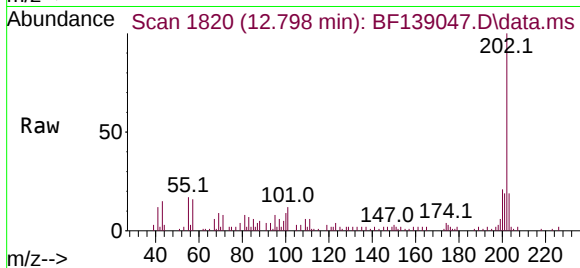
Tgt Ion:202 Resp: 17002

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 19.0 13.8 20.6



#79

Terphenyl-d14

Concen: 49.177 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

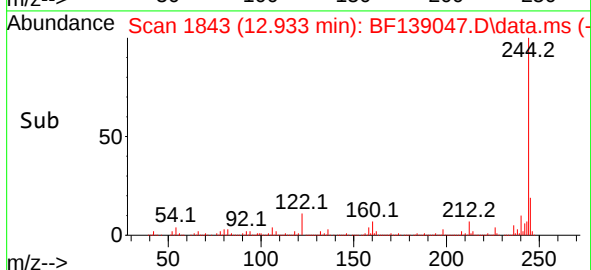
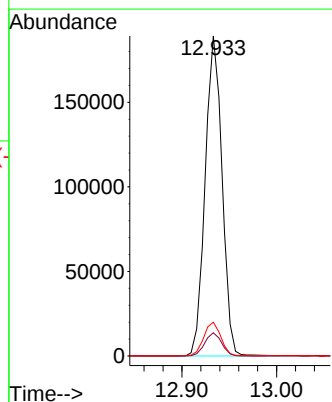
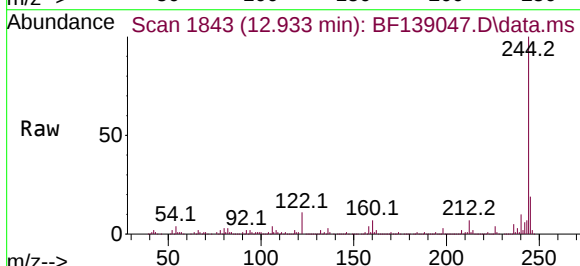
Tgt Ion:244 Resp: 234643

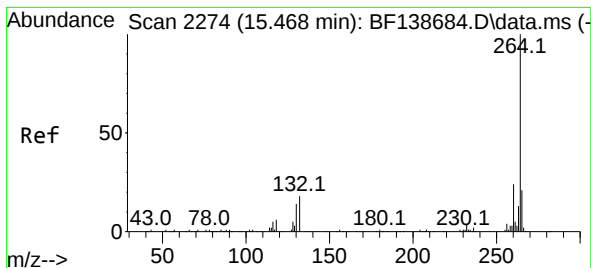
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 10.6 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

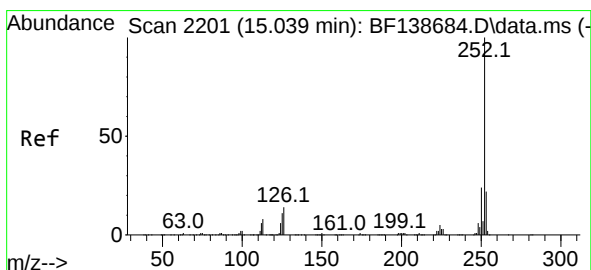
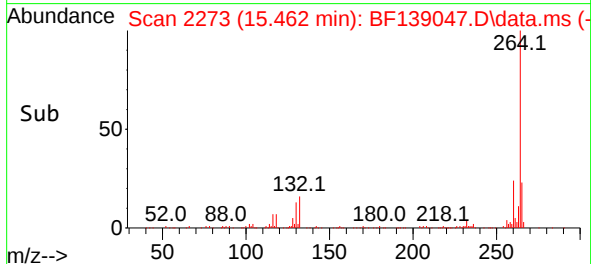
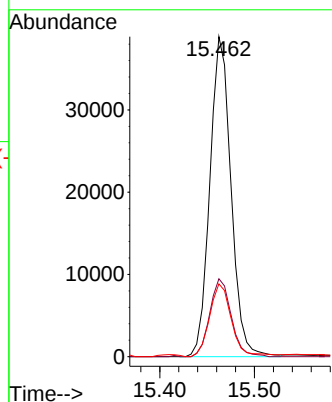
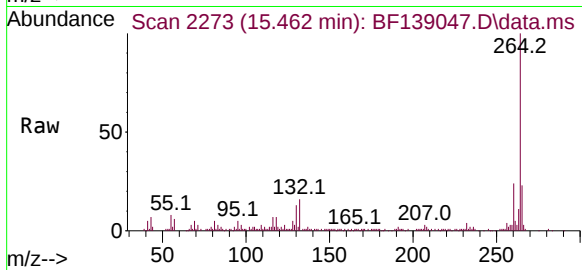
Tgt Ion:264 Resp: 60480

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.7 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 2.830 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF139047.D

Acq: 16 Aug 2024 03:50

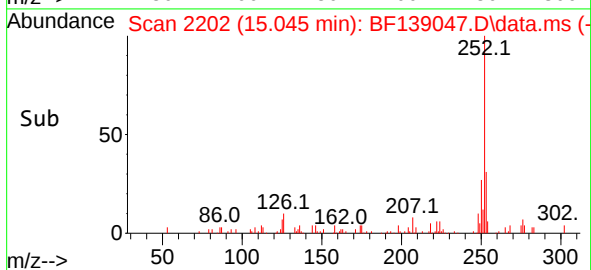
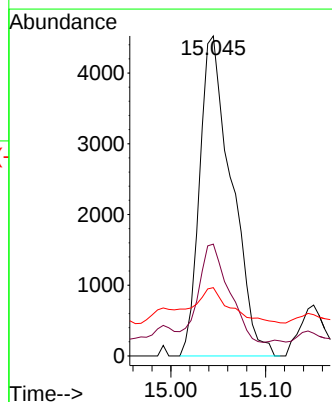
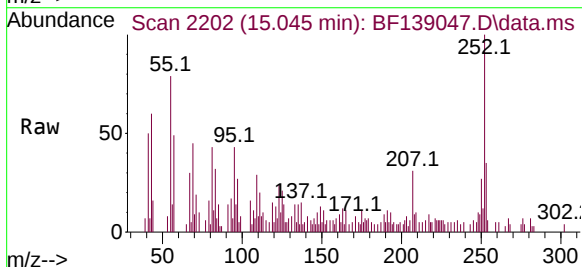
Tgt Ion:252 Resp: 10612

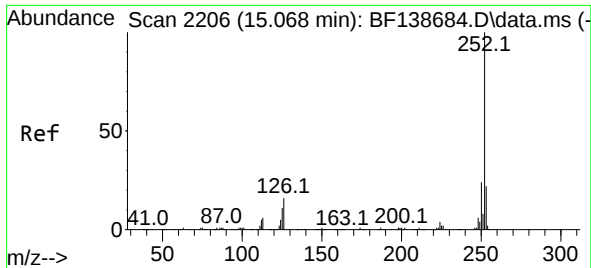
Ion Ratio Lower Upper

252 100

253 35.0 17.5 26.3#

125 21.4 8.9 13.3#





#89

Benzo(k)fluoranthene

Concen: 3.269 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF139047.D

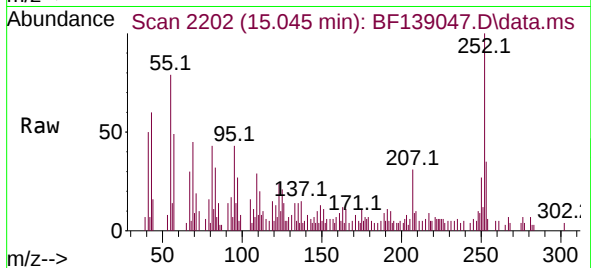
Acq: 16 Aug 2024 03:50

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP



Tgt Ion:252 Resp: 10612

Ion Ratio Lower Upper

252 100

253 35.0 17.4 26.0#

125 21.4 8.6 13.0#

