

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139010.D
 Acq On : 14 Aug 2024 23:18
 Operator : RC/JU
 Sample : P3526-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 15 01:15:53 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)

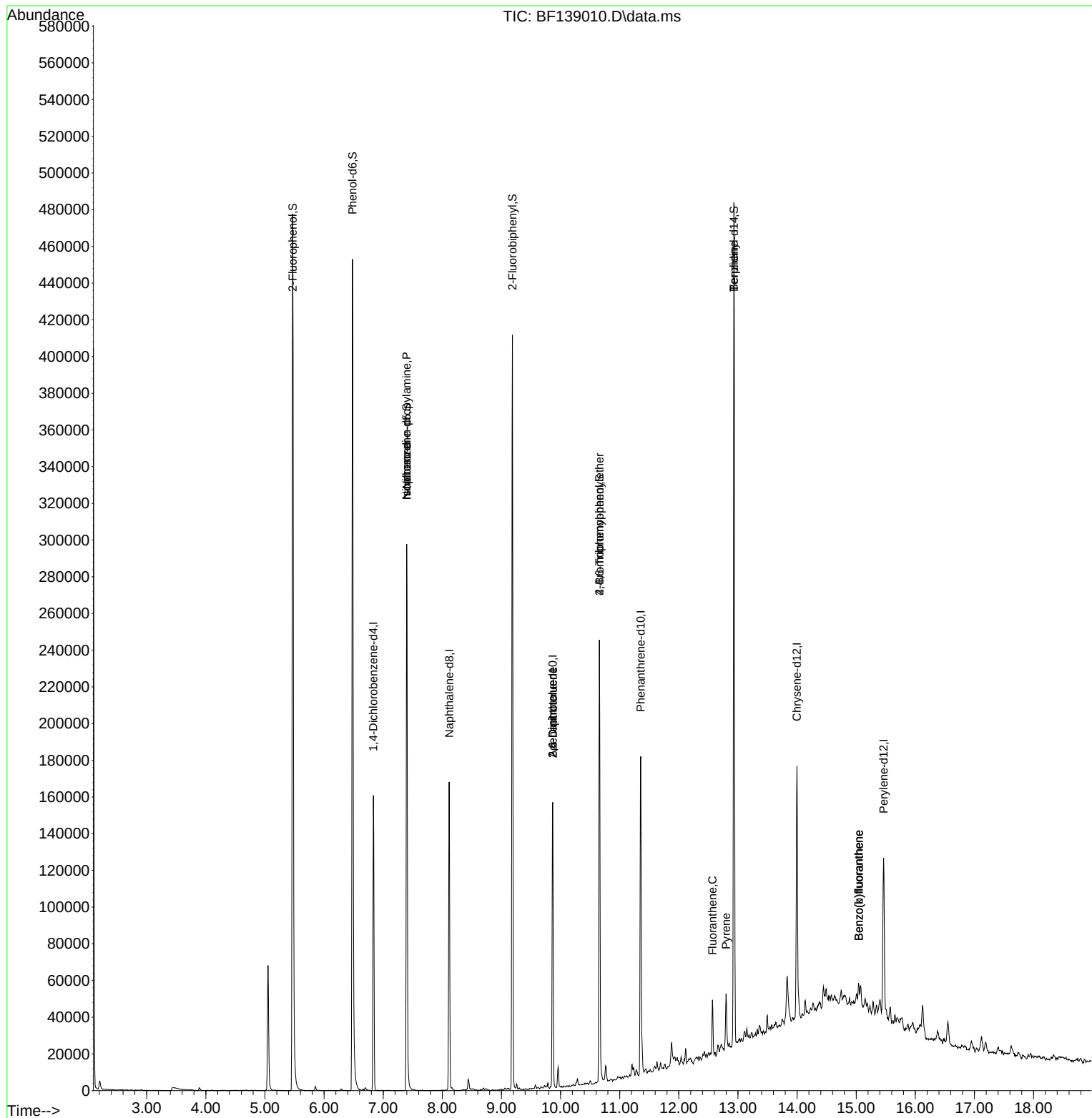
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	30295	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	98356	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	46001	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	90336	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	56497	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	44530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	165896	84.531	ng	0.00
7) Phenol-d6	6.481	99	198464	75.320	ng	0.00
23) Nitrobenzene-d5	7.398	82	125001	62.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	33461	88.801	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	163804	53.502	ng	-0.02
79) Terphenyl-d14	12.933	244	200731	59.486	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	16891	10.614	ng	# 84
25) Isophorone	7.398	82	125000	36.389	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	5922	8.921	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	5922	6.992	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	2490	2.546	ng	# 1
75) Fluoranthene	12.569	202	15627	3.599	ng	97
77) Benzidine	12.933	184	3359	2.486	ng	94
78) Pyrene	12.798	202	14891	2.799	ng	97
88) Benzo(b)fluoranthene	15.045	252	7177	2.600	ng	# 85
89) Benzo(k)fluoranthene	15.045	252	7177	3.003	ng	# 84

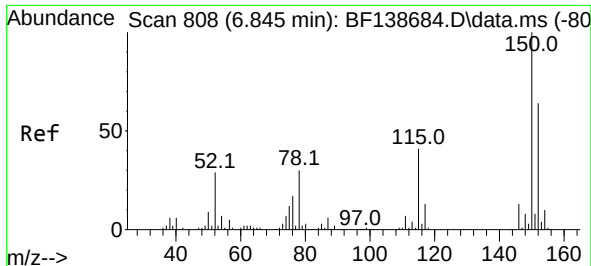
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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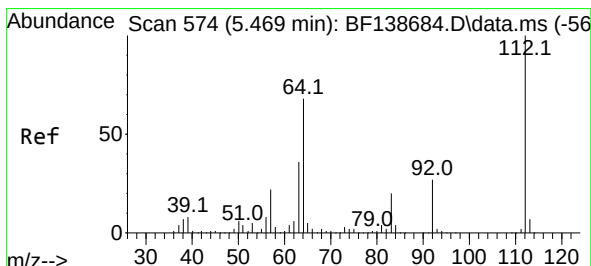
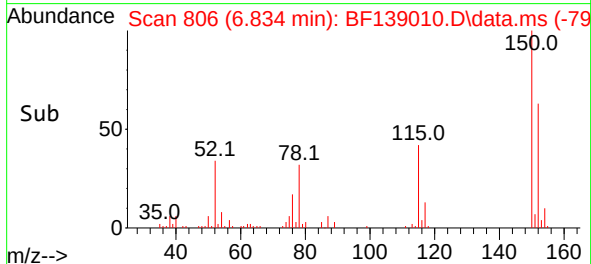
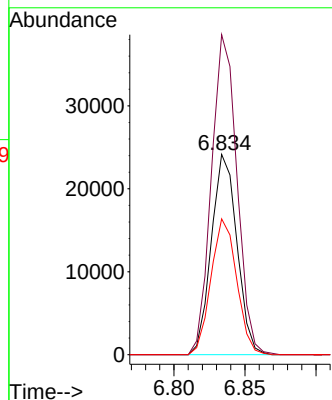
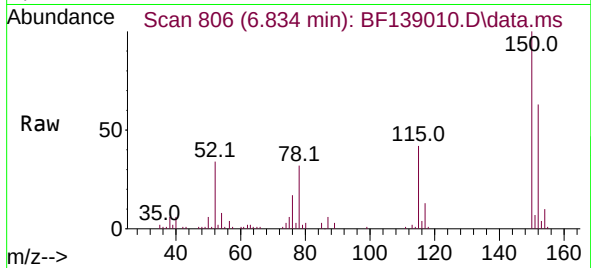




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

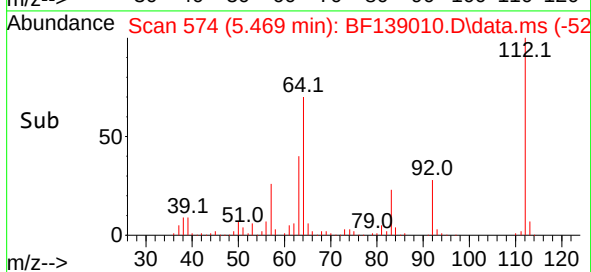
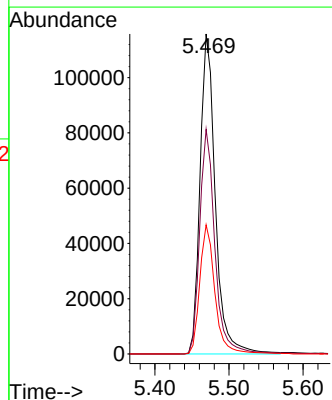
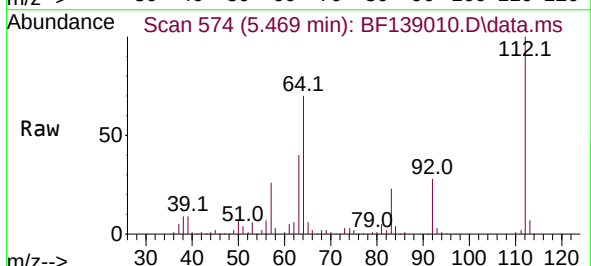
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

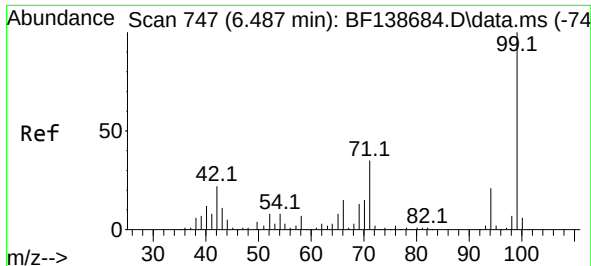
Tgt Ion:152 Resp: 30295
Ion Ratio Lower Upper
152 100
150 159.8 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 84.531 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

Tgt Ion:112 Resp: 165896
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 40.4 28.7 43.1

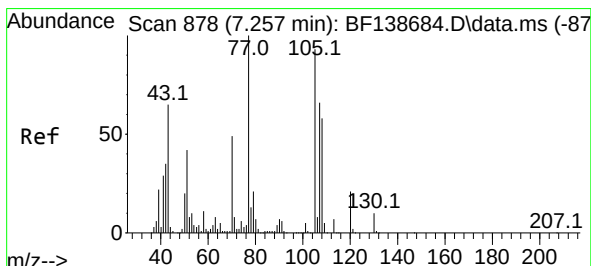
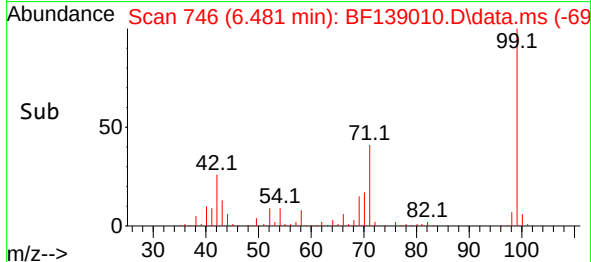
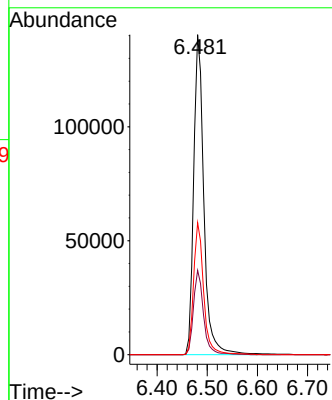
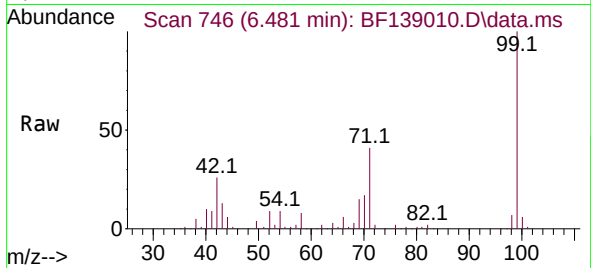




#7
Phenol-d6
Concen: 75.320 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

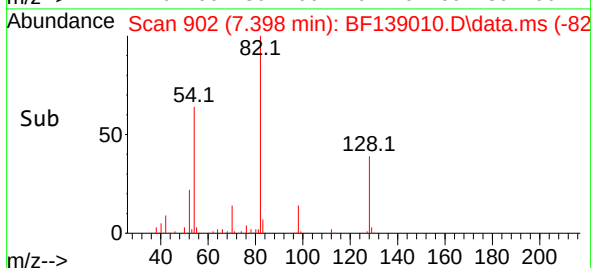
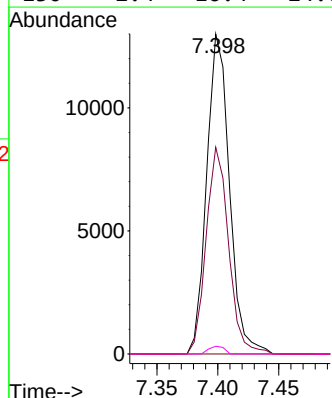
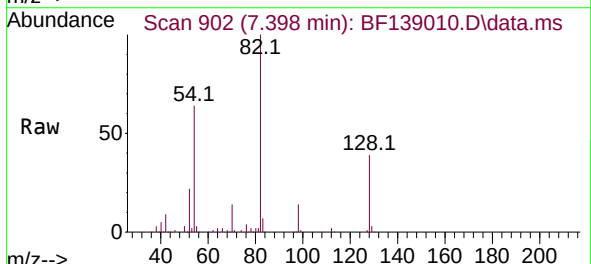
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

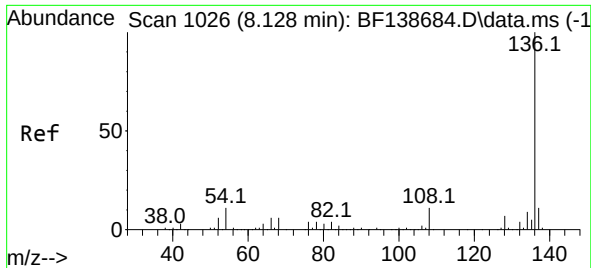
Tgt Ion: 99 Resp: 198464
Ion Ratio Lower Upper
99 100
42 26.4 17.4 26.0#
71 41.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.614 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

Tgt Ion: 70 Resp: 16891
Ion Ratio Lower Upper
70 100
42 64.6 57.4 86.0
101 0.0 7.5 11.3#
130 2.4 16.4 24.6#

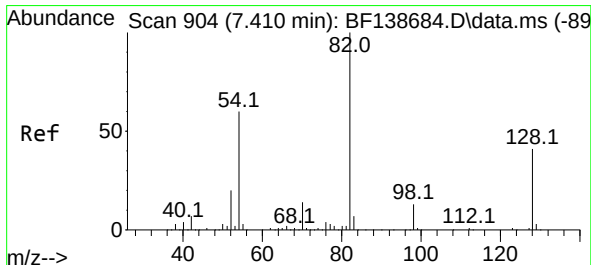
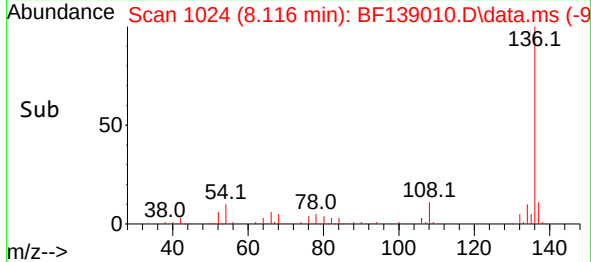
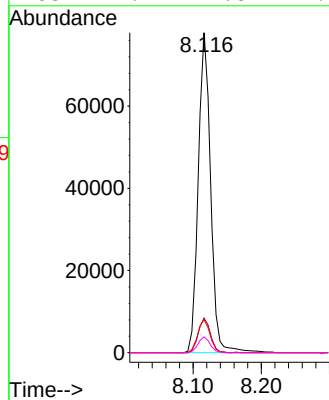
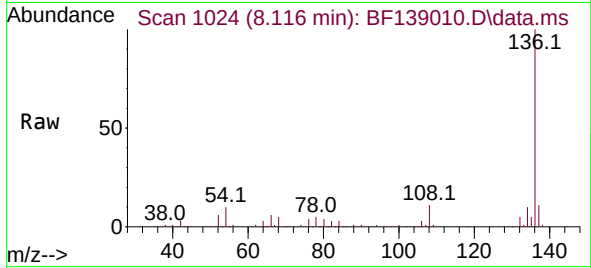




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

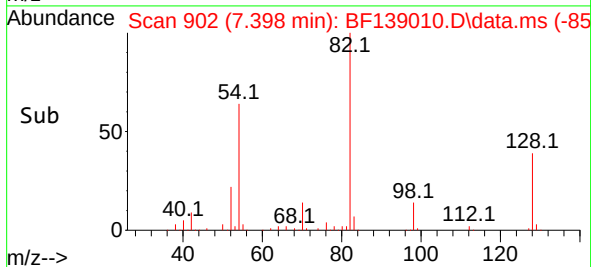
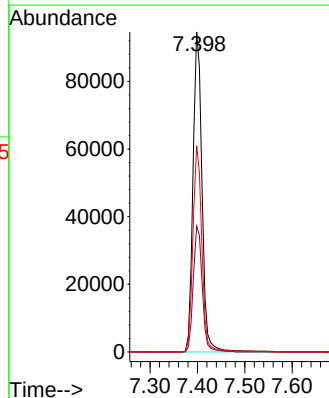
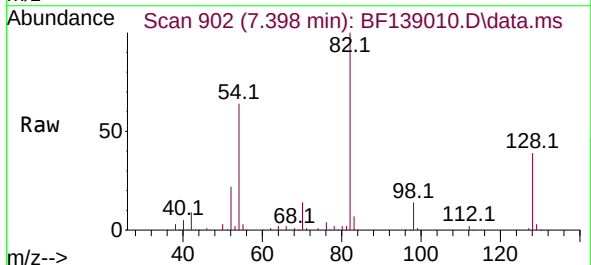
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

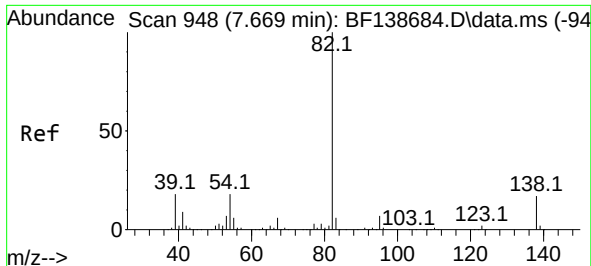
Tgt Ion:	136	Resp:	98356
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	10.4	8.6	12.8
68	4.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 62.136 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

Tgt Ion:	82	Resp:	125001
Ion Ratio	Lower	Upper	
82	100		
128	39.4	32.8	49.2
54	64.5	48.3	72.5

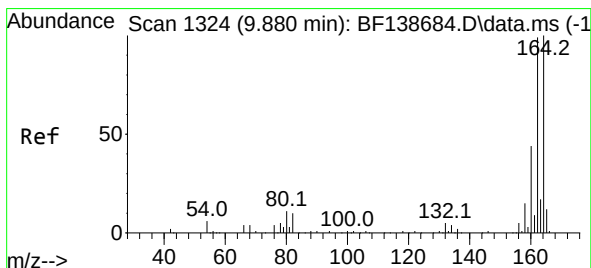
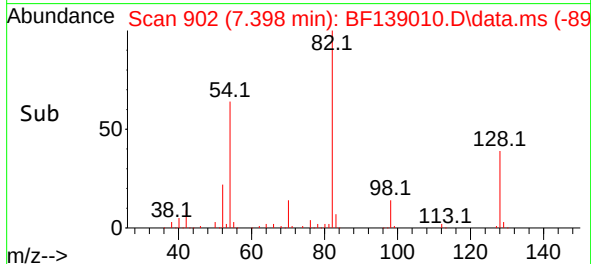
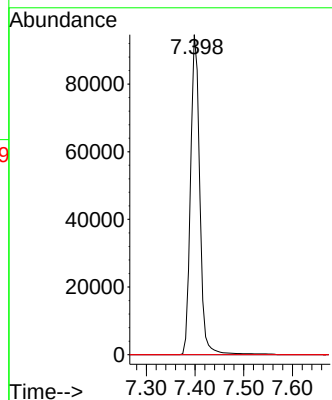
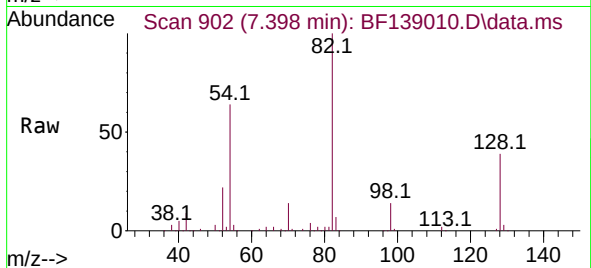




#25
Isophorone
Concen: 36.389 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

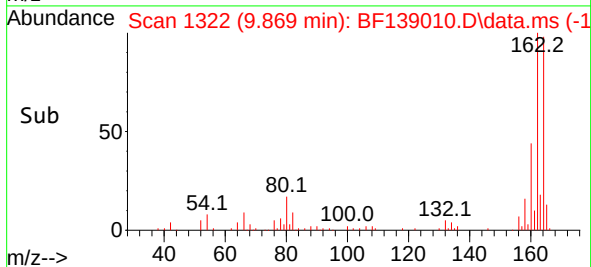
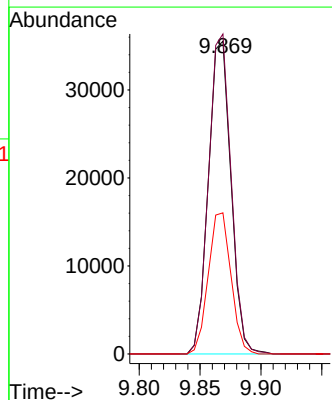
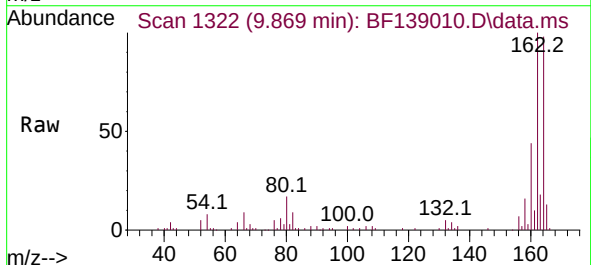
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

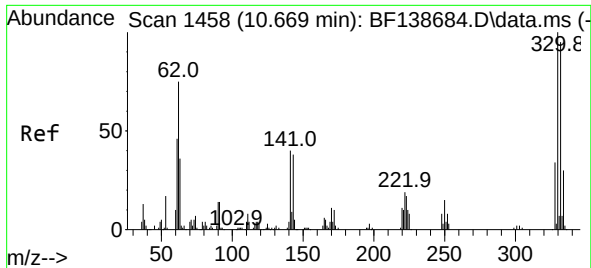
Tgt Ion: 82 Resp: 125000
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

Tgt Ion:164 Resp: 46001
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 45.1 35.1 52.7

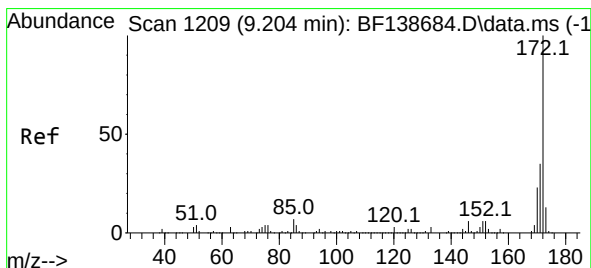
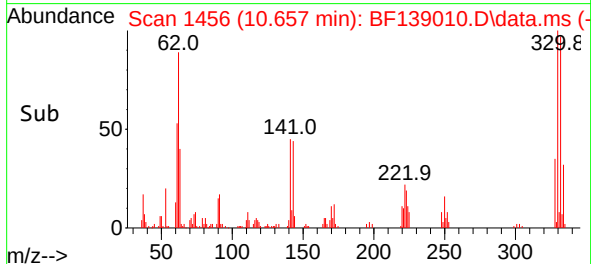
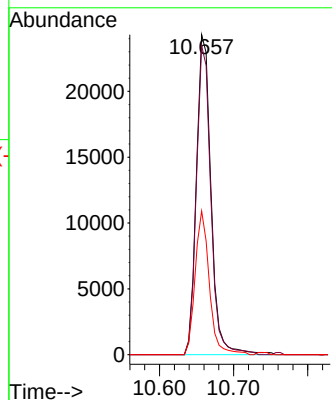
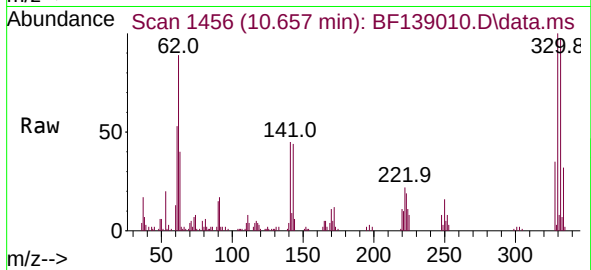




#42
2,4,6-Tribromophenol
Concen: 88.801 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

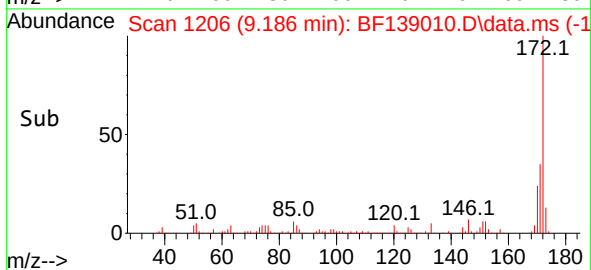
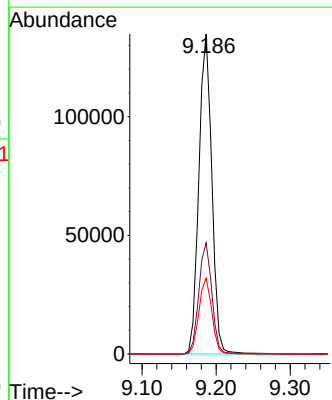
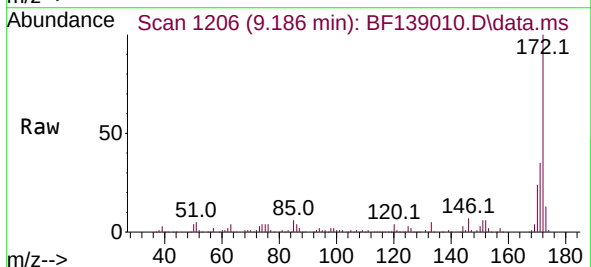
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

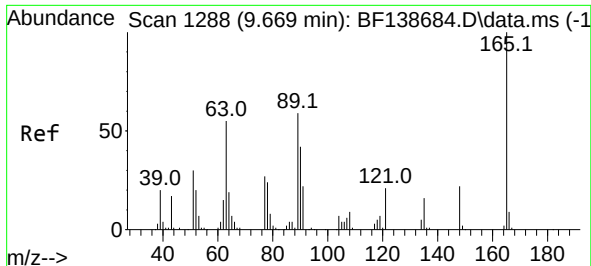
Tgt Ion: 330 Resp: 33461
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 43.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 53.502 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

Tgt Ion: 172 Resp: 163804
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.921 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

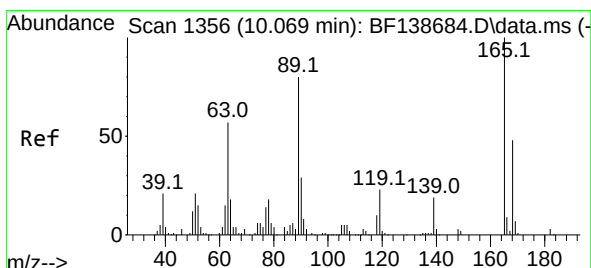
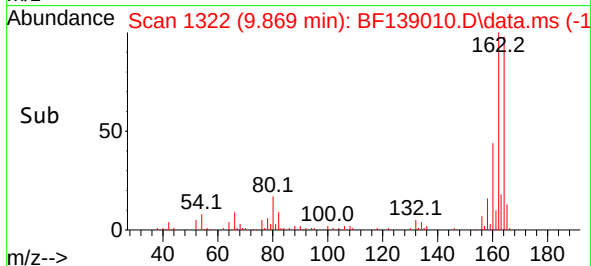
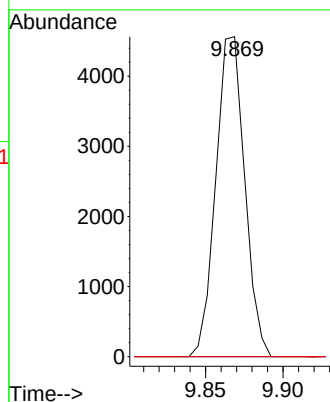
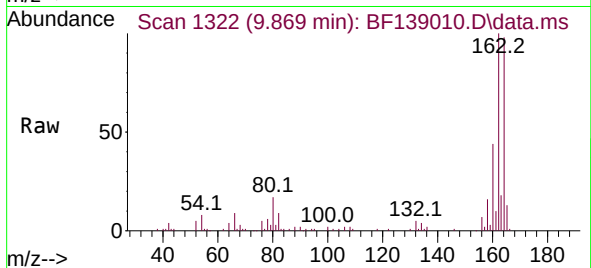
Tgt Ion:165 Resp: 5922

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: 6.992 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

Tgt Ion:165 Resp: 5922

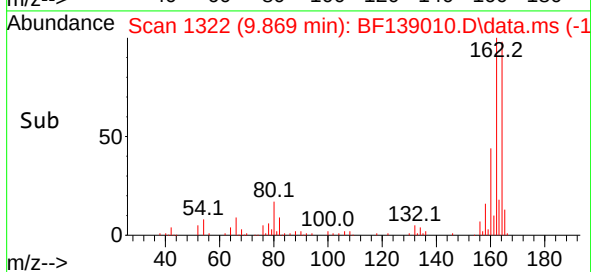
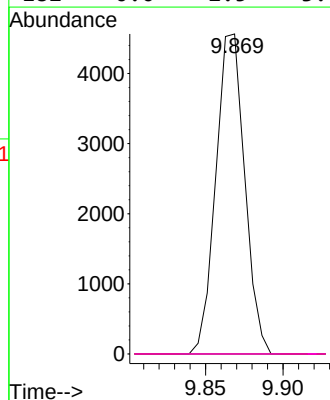
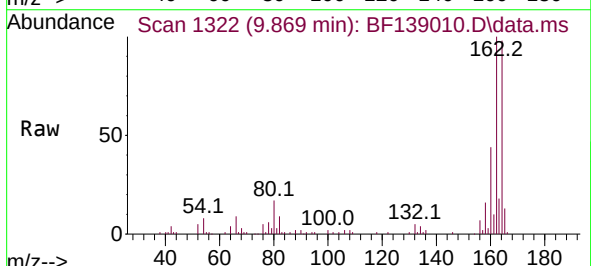
Ion Ratio Lower Upper

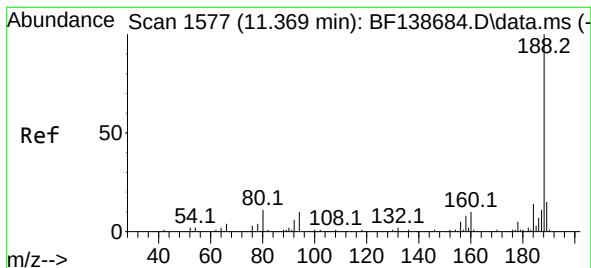
165 100

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# 11

Delta R.T. -0.012 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

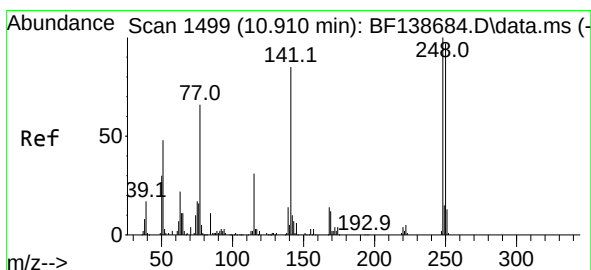
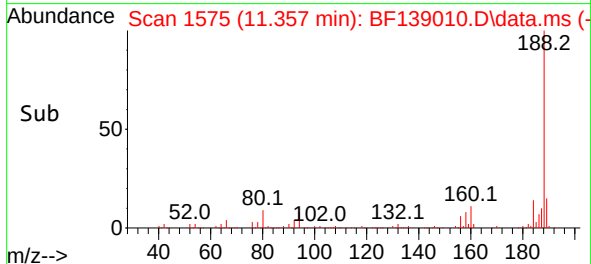
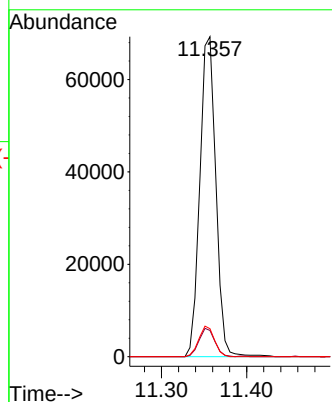
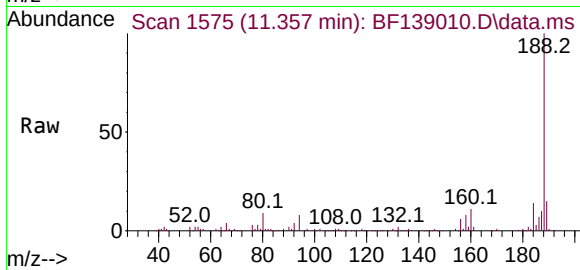
Tgt Ion:188 Resp: 90336

Ion Ratio Lower Upper

188 100

94 8.2 7.6 11.4

80 8.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.546 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

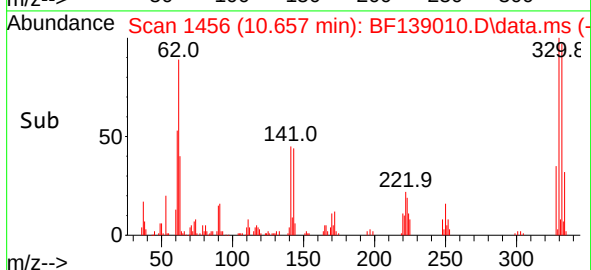
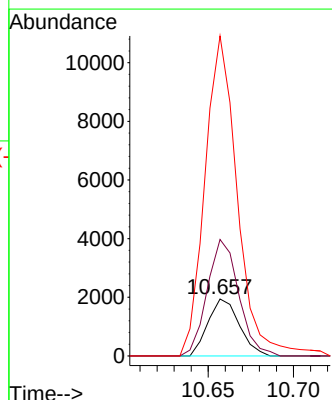
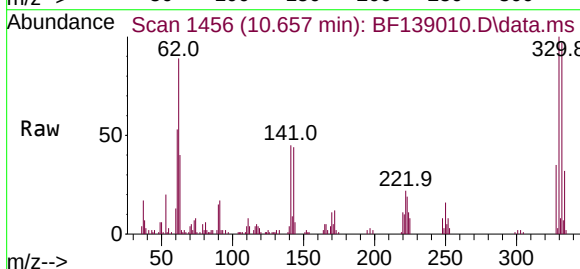
Tgt Ion:248 Resp: 2490

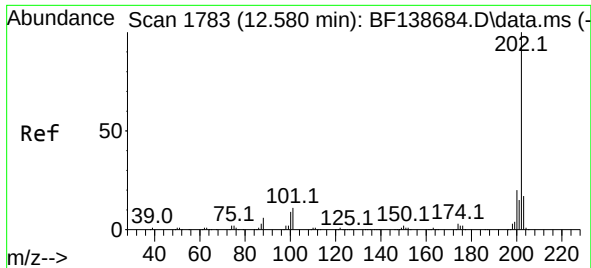
Ion Ratio Lower Upper

248 100

250 204.2 77.7 116.5#

141 561.2 68.0 102.0#

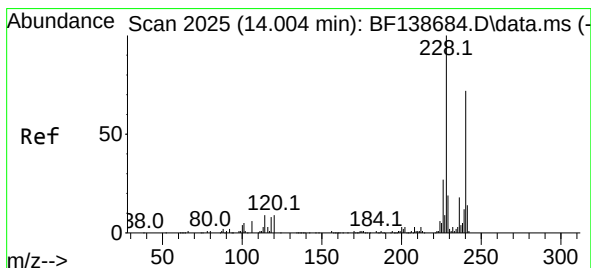
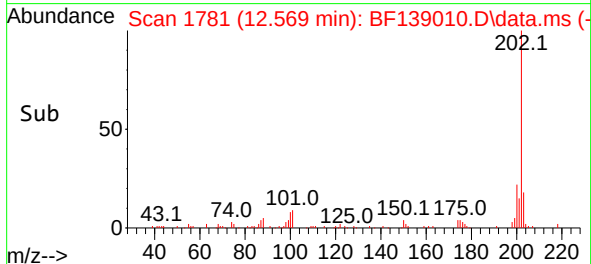
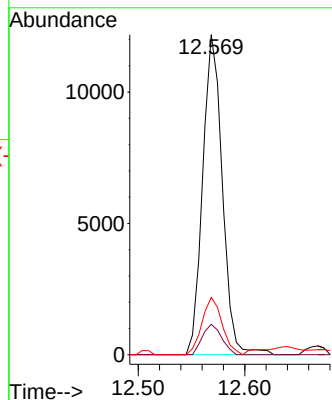
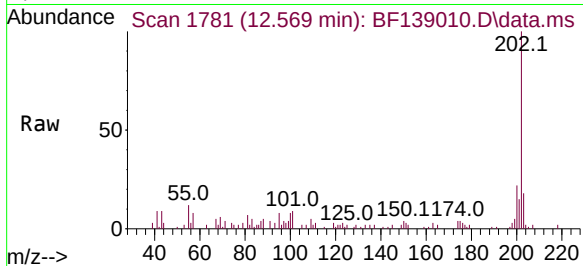




#75
Fluoranthene
Concen: 3.599 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

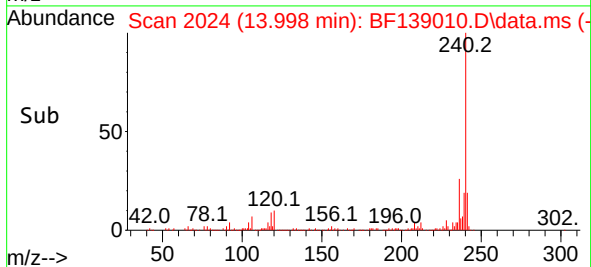
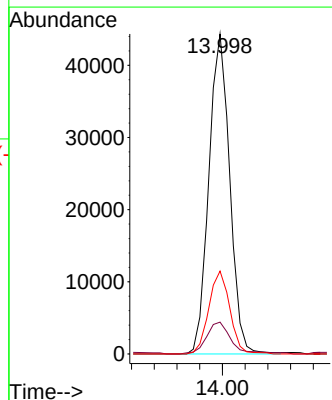
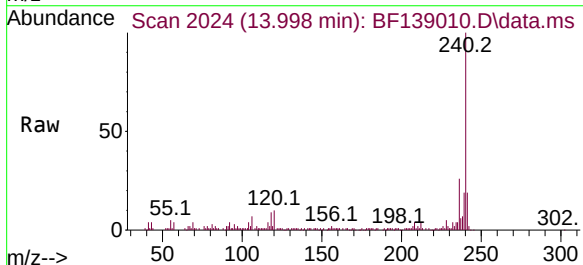
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

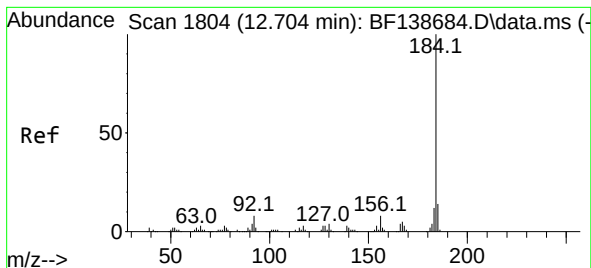
Tgt Ion:202 Resp: 15627
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 17.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139010.D
Acq: 14 Aug 2024 23:18

Tgt Ion:240 Resp: 56497
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.9 19.8 29.8





#77

Benzidine

Concen: 2.486 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.229 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

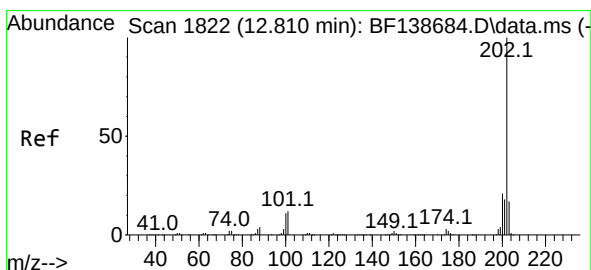
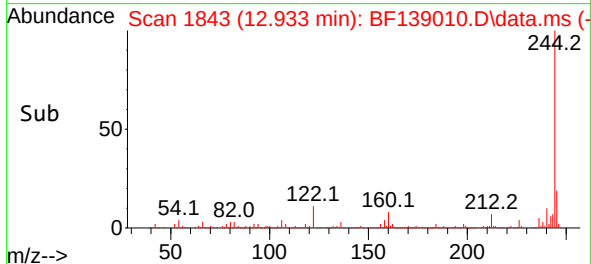
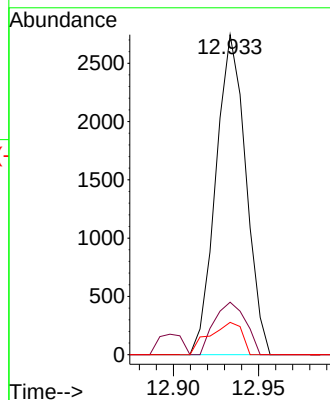
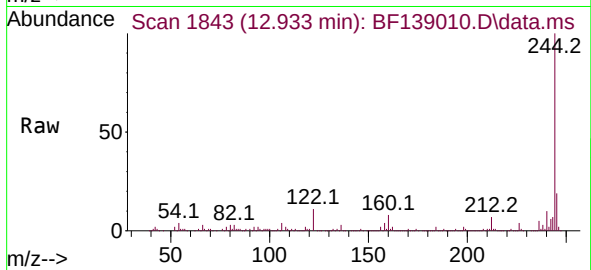
Tgt Ion:184 Resp: 3359

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

183 10.1 9.6 14.4



#78

Pyrene

Concen: 2.799 ng

RT: 12.798 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

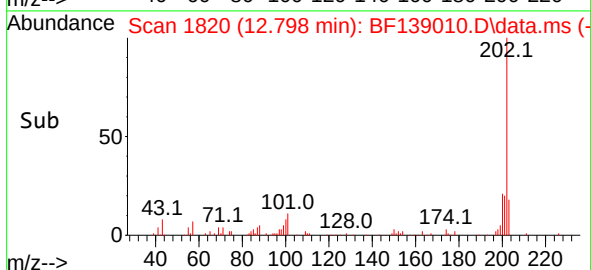
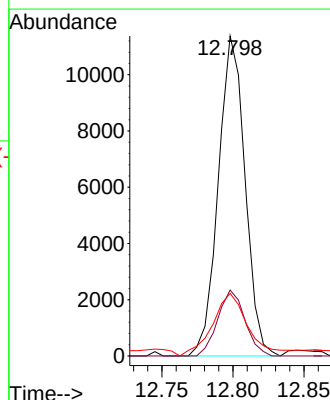
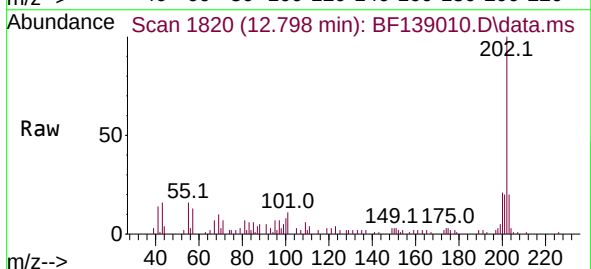
Tgt Ion:202 Resp: 14891

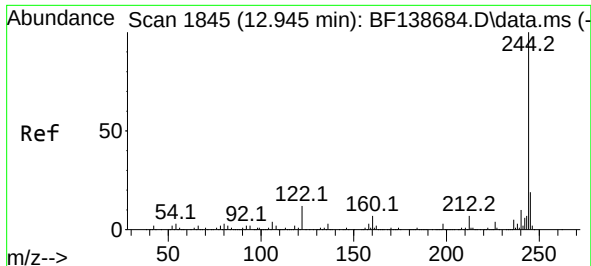
Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

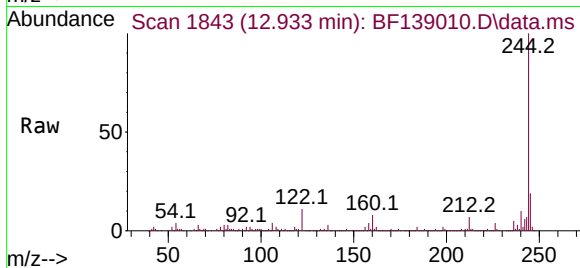
203 19.5 13.8 20.6



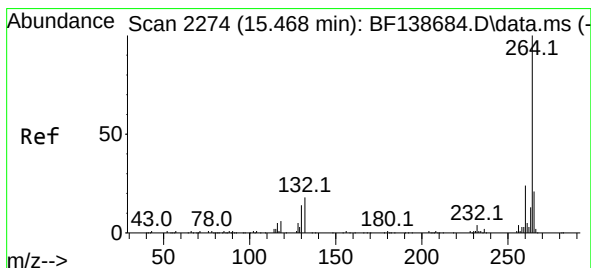
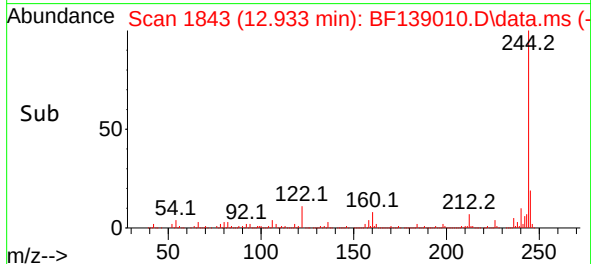
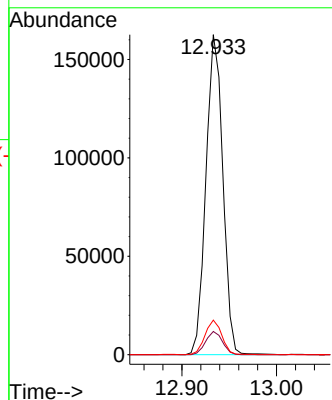


#79
 Terphenyl-d14
 Concen: 59.486 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139010.D
 Acq: 14 Aug 2024 23:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

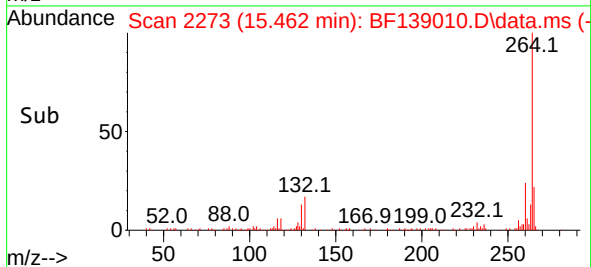
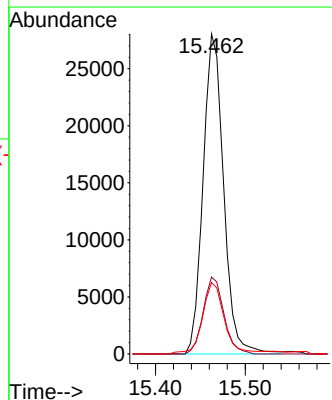
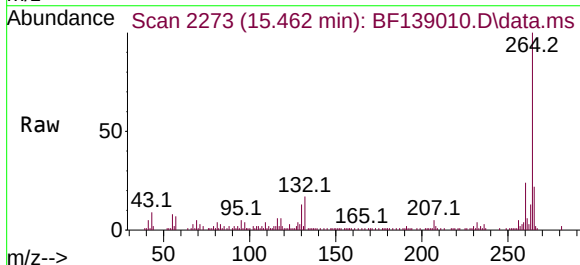


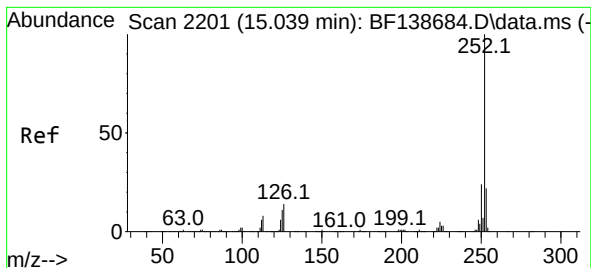
Tgt Ion:244 Resp: 200731
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139010.D
 Acq: 14 Aug 2024 23:18

Tgt Ion:264 Resp: 44530
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.4 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.600 ng

RT: 15.045 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

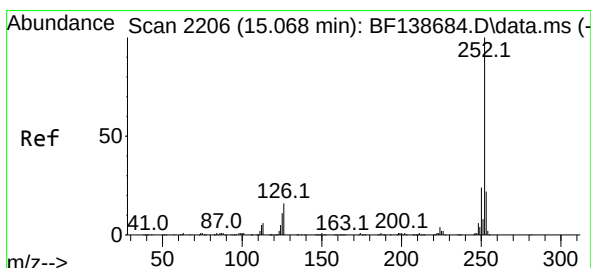
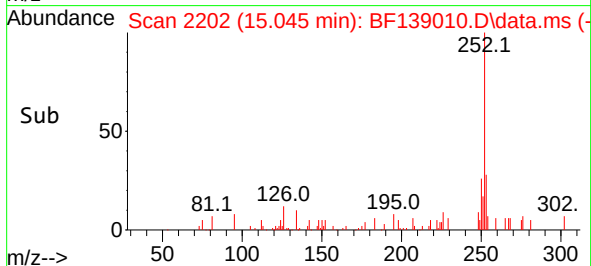
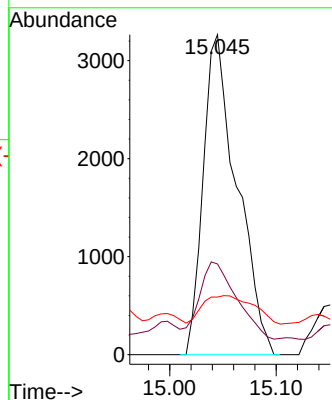
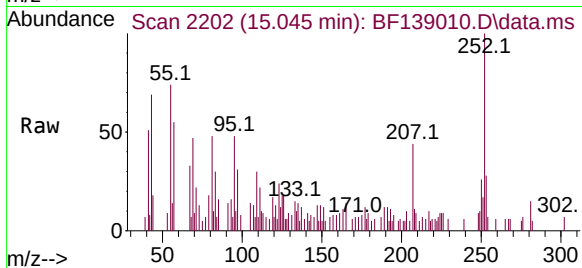
Tgt Ion:252 Resp: 7177

Ion Ratio Lower Upper

252 100

253 28.3 17.5 26.3#

125 18.0 8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 3.003 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.024 min

Lab File: BF139010.D

Acq: 14 Aug 2024 23:18

Tgt Ion:252 Resp: 7177

Ion Ratio Lower Upper

252 100

253 28.3 17.4 26.0#

125 18.0 8.6 13.0#

