

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139299.D
 Acq On : 10 Sep 2024 14:58
 Operator : RC/JU
 Sample : P3905-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3A

Quant Time: Sep 10 15:33:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

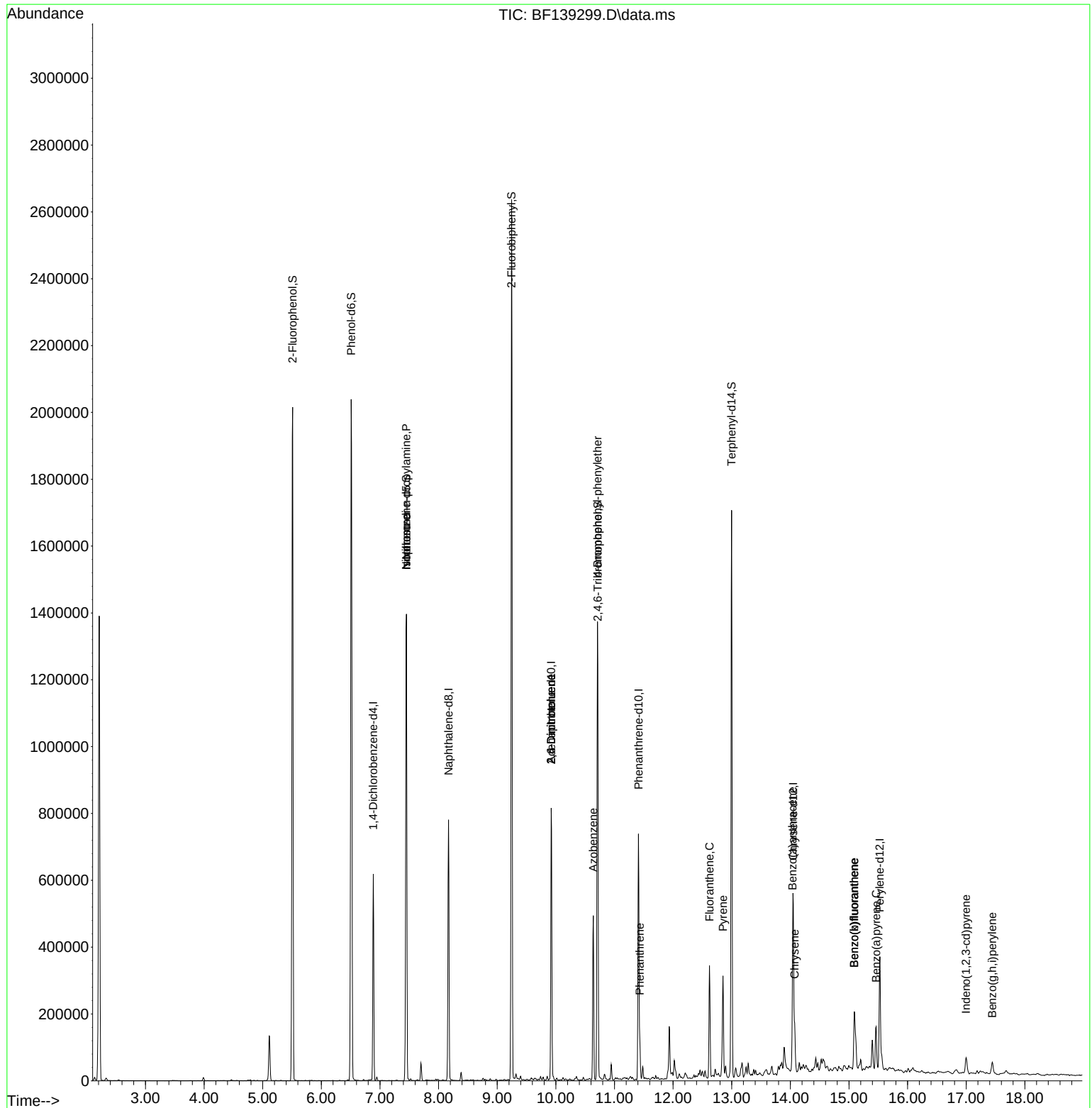
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117624	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	444590	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	237134	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	380031	20.000	ng	0.00
76) Chrysene-d12	14.051	240	200845	20.000	ng	0.00
86) Perylene-d12	15.527	264	193830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	708337	100.741	ng	0.00
7) Phenol-d6	6.510	99	948194	101.015	ng	0.00
23) Nitrobenzene-d5	7.451	82	616096	72.091	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	203680	99.468	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1122575	73.075	ng	0.00
79) Terphenyl-d14	12.998	244	795697	63.966	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	85419	15.800	ng	# 74
25) Isophorone	7.451	82	613904	42.017	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	30183	9.257	ng	# 19
57) 2,4-Dinitrotoluene	9.922	165	30183	7.273	ng	# 19
63) Azobenzene	10.639	77	122598	8.224	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	14444	3.917	ng	# 1
71) Phenanthrene	11.433	178	57307	3.228	ng	100
75) Fluoranthene	12.621	202	186654	10.487	ng	98
78) Pyrene	12.851	202	171714	8.850	ng	99
81) Benzo(a)anthracene	14.039	228	93548	7.294	ng	97
83) Chrysene	14.074	228	71441	5.969	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	35190	2.906	ng	94
88) Benzo(b)fluoranthene	15.092	252	151537	13.575	ng	99
89) Benzo(k)fluoranthene	15.092	252	151537	15.141	ng	98
90) Benzo(a)pyrene	15.462	252	76757	8.098	ng	99
92) Benzo(g,h,i)perylene	17.445	276	32803	3.185	ng	98

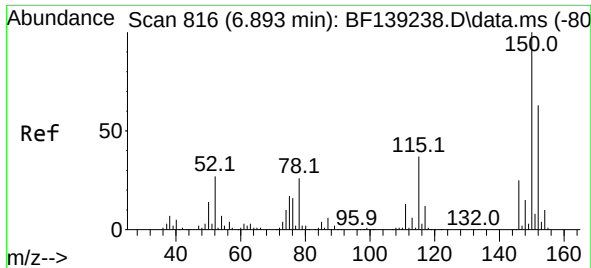
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139299.D
Acq On : 10 Sep 2024 14:58
Operator : RC/JU
Sample : P3905-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3A

Quant Time: Sep 10 15:33:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

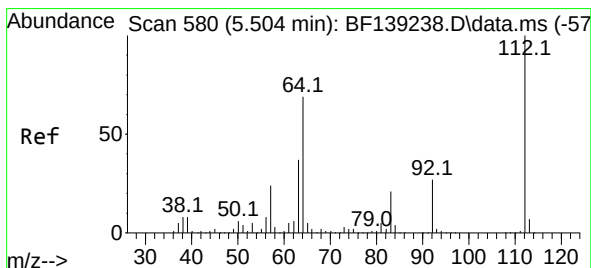
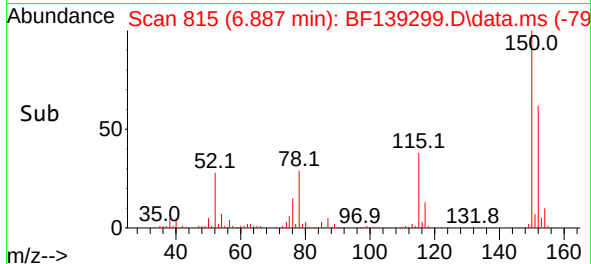
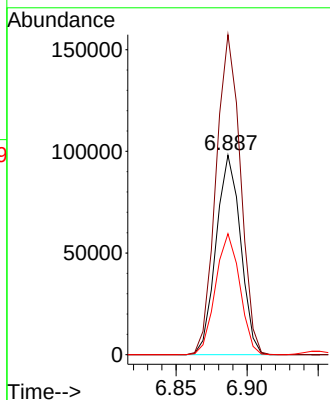
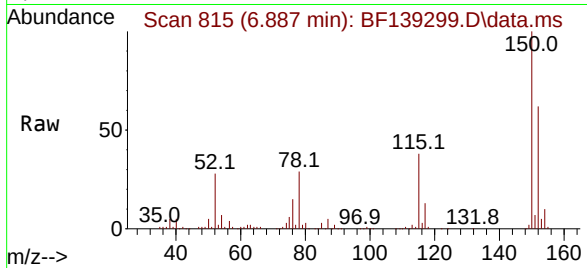




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

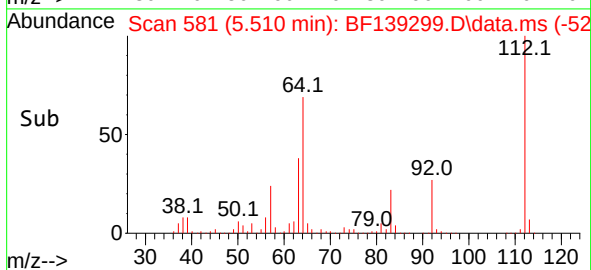
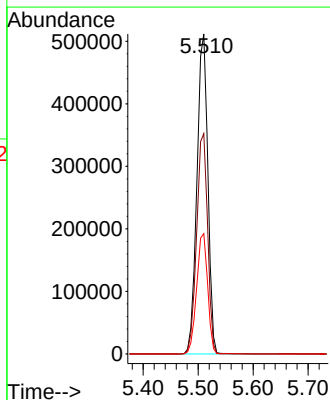
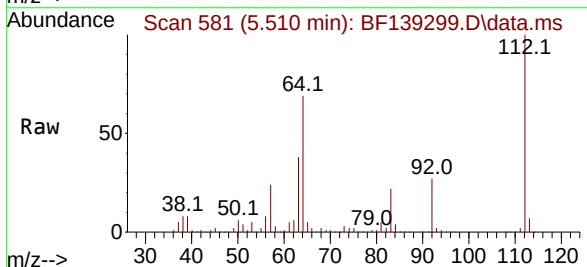
Instrument :
BNA_F
ClientSampleId :
TP-3A

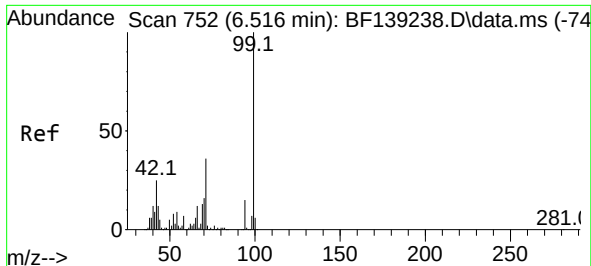
Tgt Ion:152 Resp: 117624
Ion Ratio Lower Upper
152 100
150 160.4 127.0 190.4
115 60.6 46.9 70.3



#5
2-Fluorophenol
Concen: 100.741 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:112 Resp: 708337
Ion Ratio Lower Upper
112 100
64 68.9 55.0 82.4
63 37.6 29.9 44.9

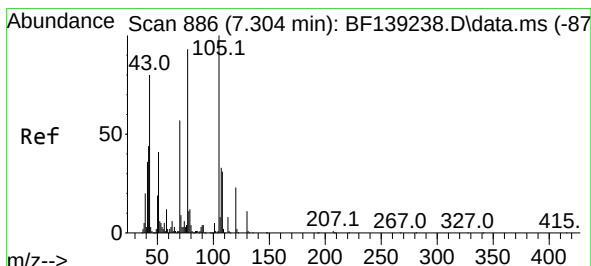
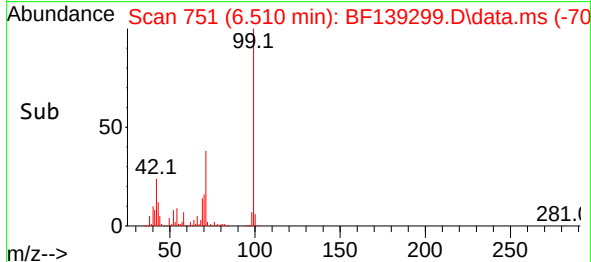
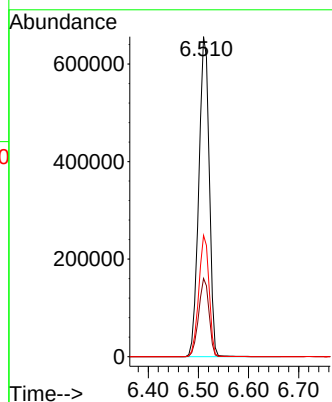
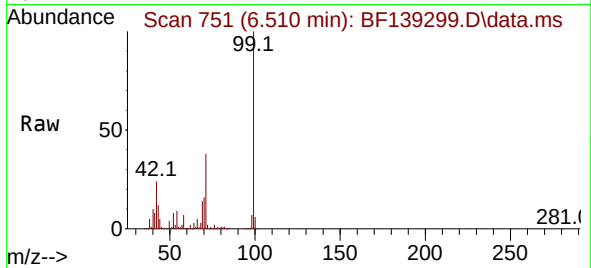




#7
Phenol-d6
Concen: 101.015 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

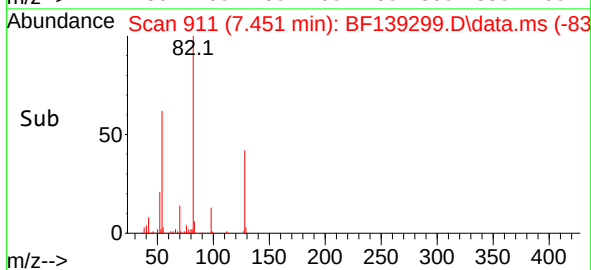
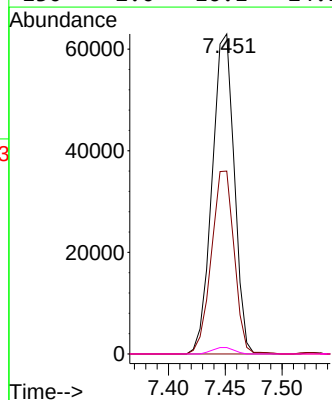
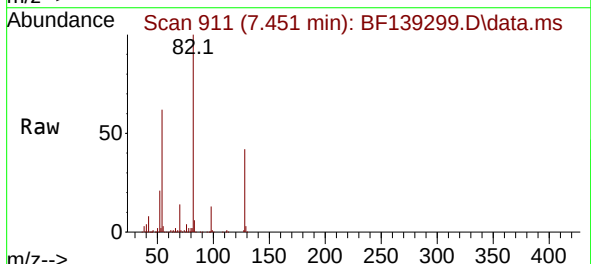
Instrument :
BNA_F
ClientSampleId :
TP-3A

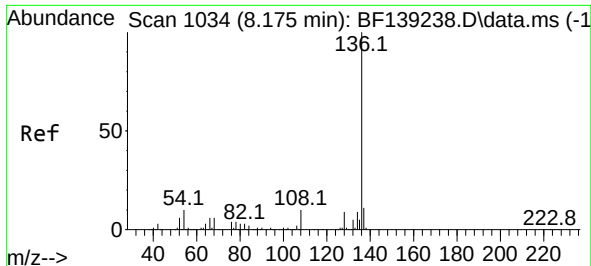
Tgt Ion:	99	Resp:	948194
Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.6
71	37.9	28.8	43.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.800 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:	70	Resp:	85419
Ion	Ratio	Lower	Upper
70	100		
42	57.2	61.0	91.6#
101	0.0	7.2	10.8#
130	2.0	16.1	24.1#



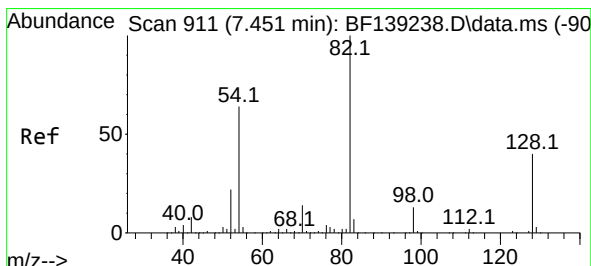
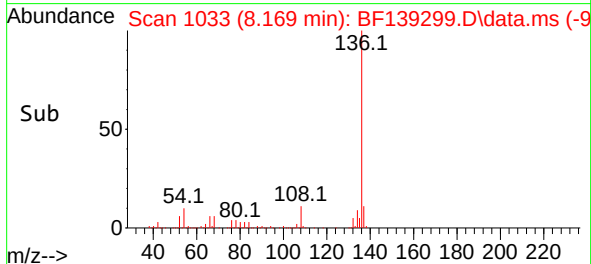
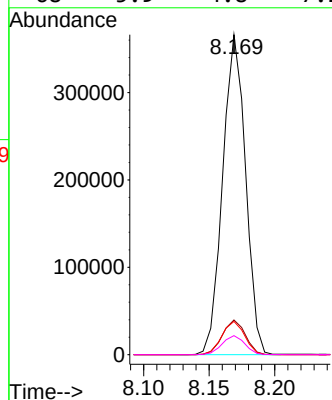
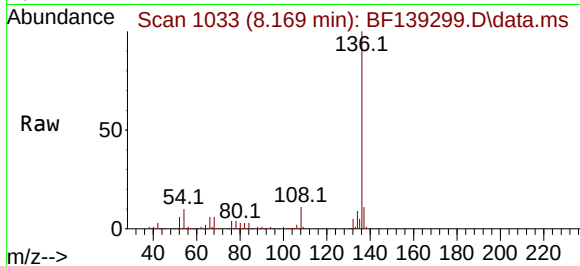


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Instrument :
BNA_F
ClientSampleId :
TP-3A

Tgt Ion:136 Resp: 444590

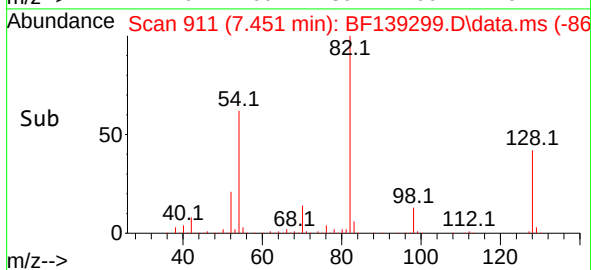
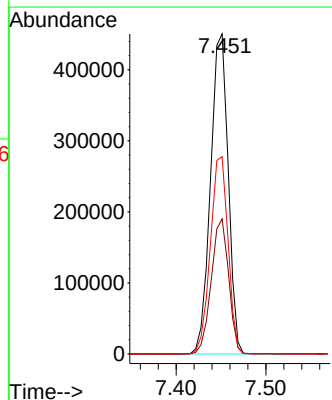
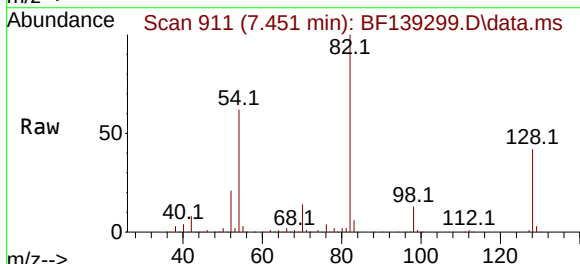
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.4	8.4	12.6
68	5.9	4.8	7.2

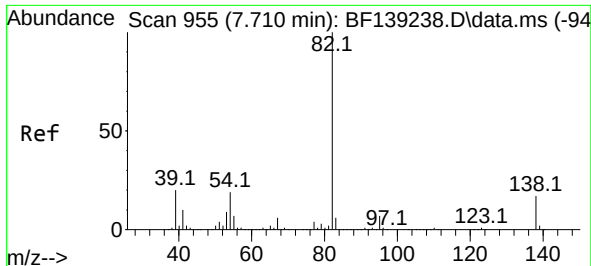


#23
Nitrobenzene-d5
Concen: 72.091 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion: 82 Resp: 616096

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	61.7	51.2	76.8

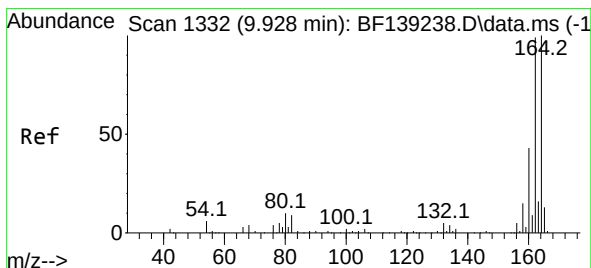
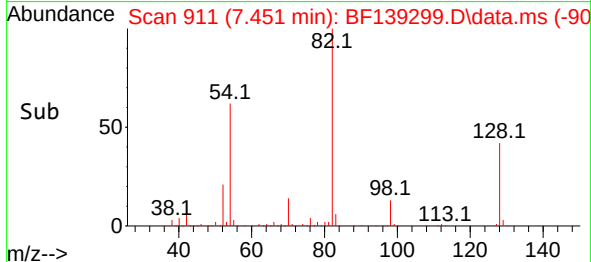
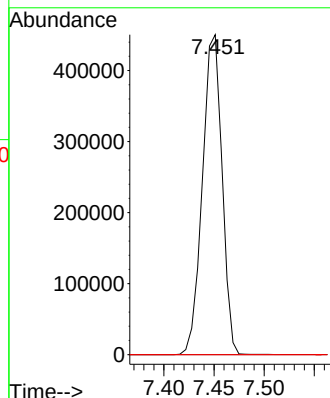
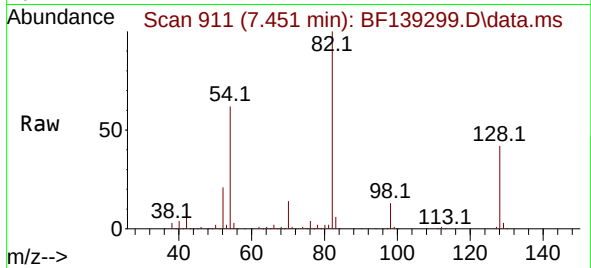




#25
Isophorone
Concen: 42.017 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

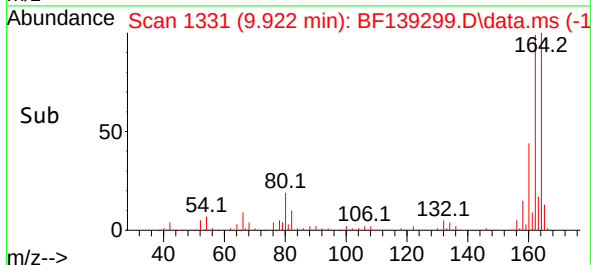
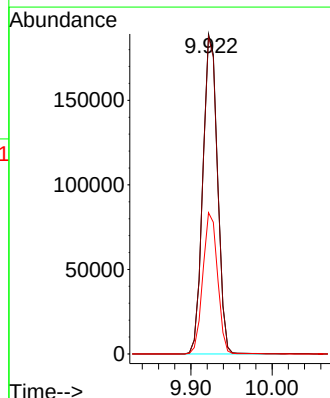
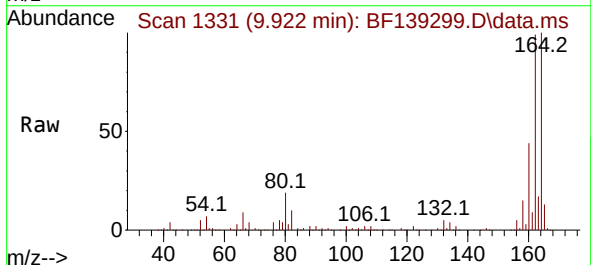
Instrument :
BNA_F
ClientSampleId :
TP-3A

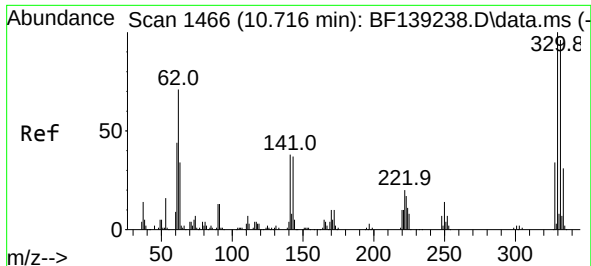
Tgt Ion: 82 Resp: 613904
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:164 Resp: 237134
Ion Ratio Lower Upper
164 100
162 99.3 79.2 118.8
160 44.1 34.2 51.2

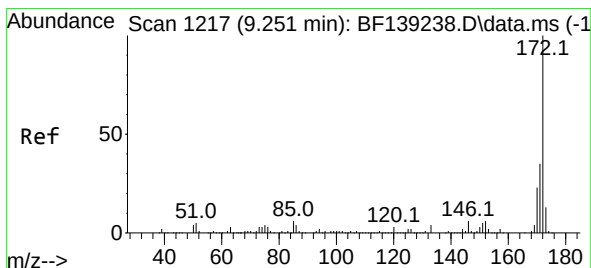
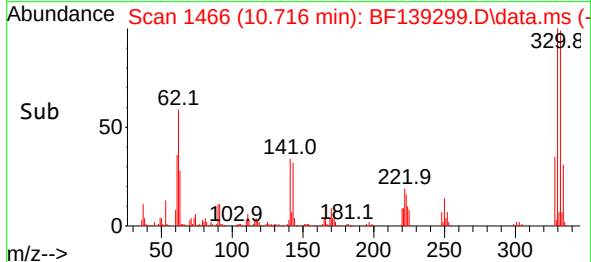
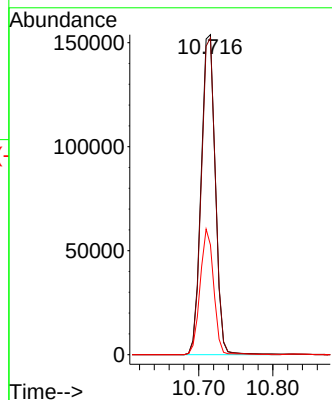
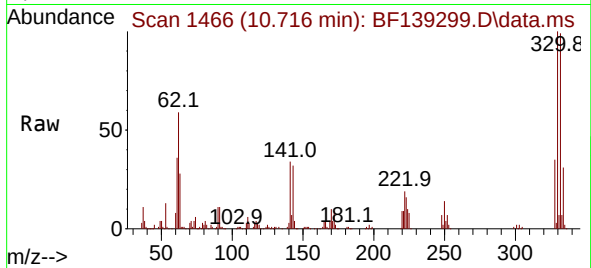




#42
2,4,6-Tribromophenol
Concen: 99.468 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

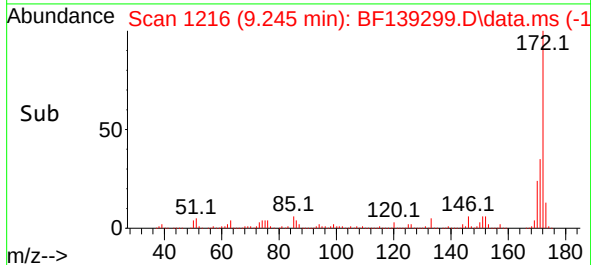
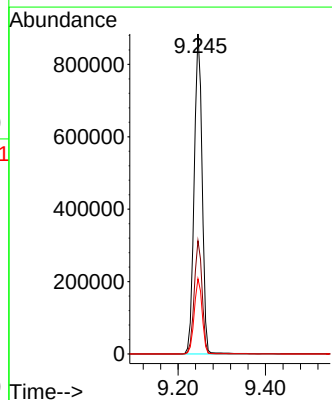
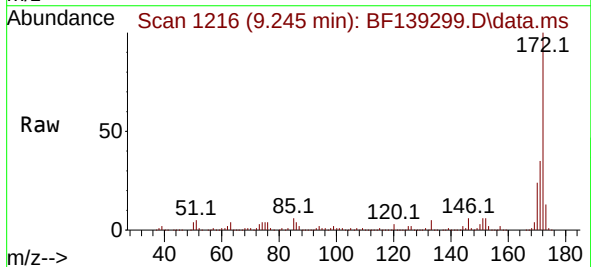
Instrument :
BNA_F
ClientSampleId :
TP-3A

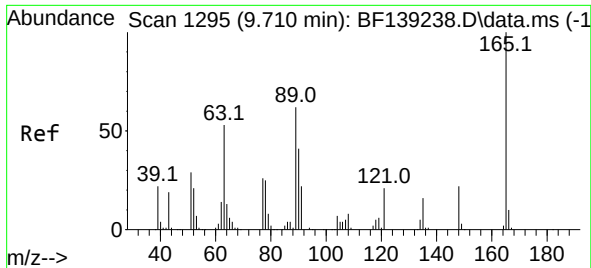
Tgt Ion: 330 Resp: 203680
Ion Ratio Lower Upper
330 100
332 98.8 76.6 115.0
141 37.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 73.075 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion: 172 Resp: 1122575
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.257 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

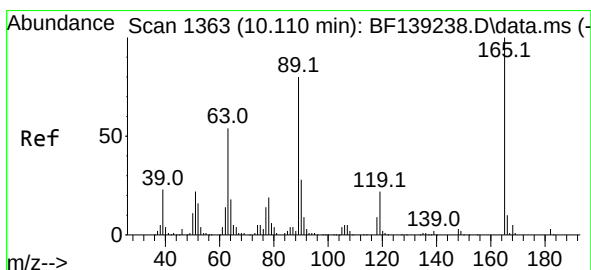
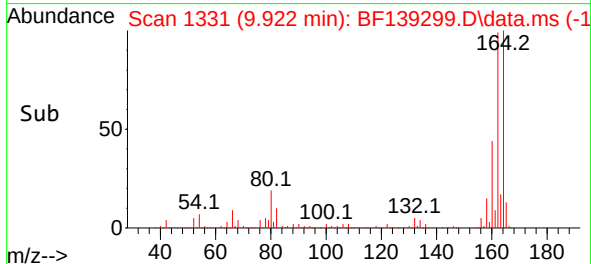
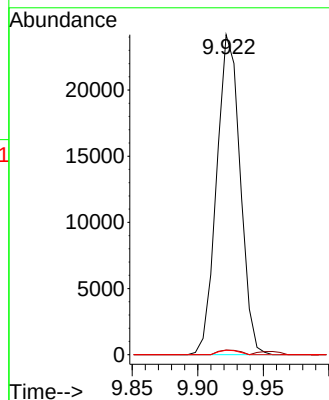
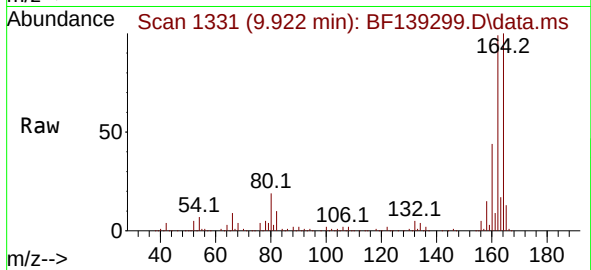
Tgt Ion:165 Resp: 30183

Ion Ratio Lower Upper

165 100

63 1.5 56.1 84.1#

89 1.4 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.273 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Tgt Ion:165 Resp: 30183

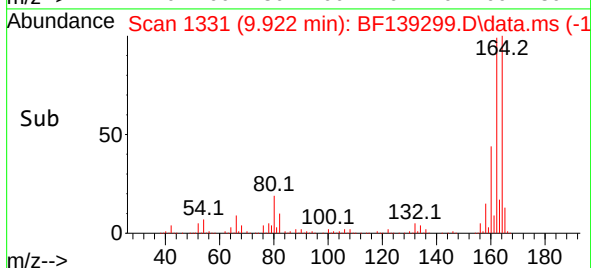
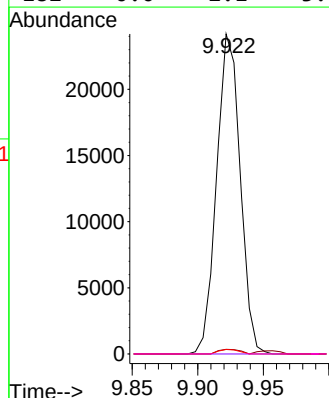
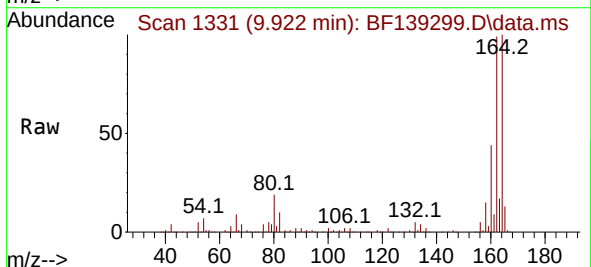
Ion Ratio Lower Upper

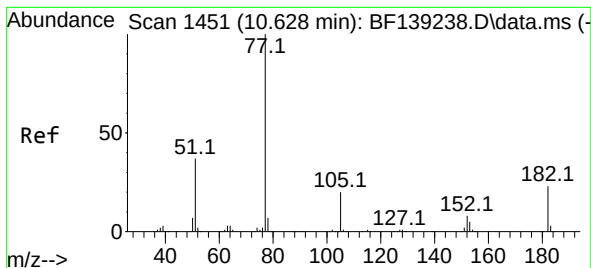
165 100

63 1.5 43.4 65.0#

89 1.4 64.2 96.4#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 8.224 ng

RT: 10.639 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

Tgt Ion: 77 Resp: 122598

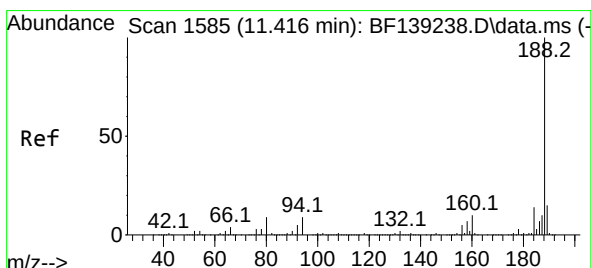
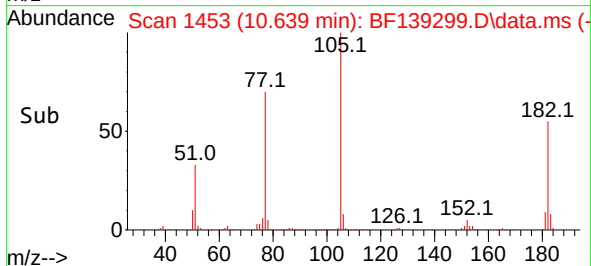
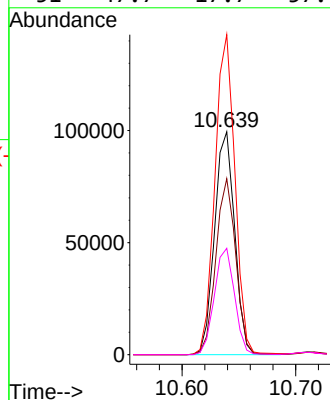
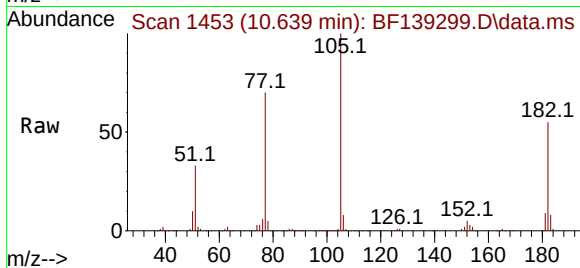
Ion Ratio Lower Upper

77 100

182 79.0 3.0 43.0#

105 143.5 0.0 39.4#

51 47.7 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

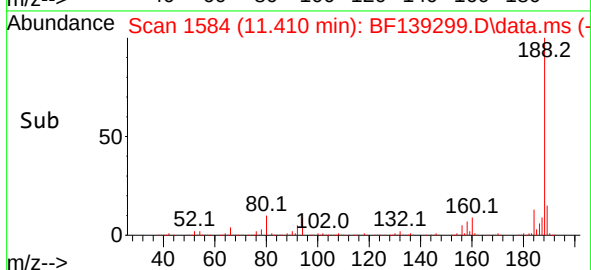
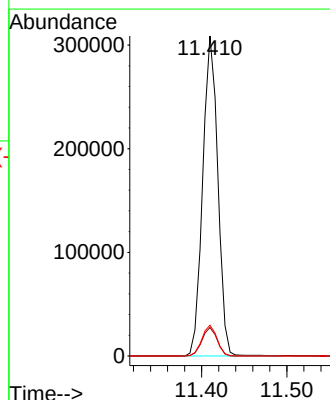
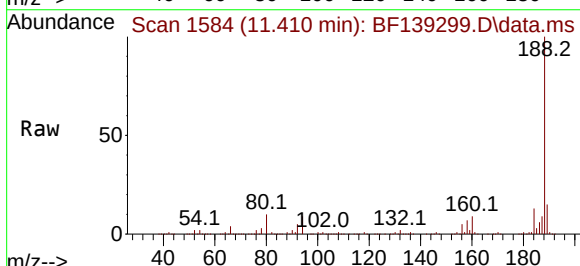
Tgt Ion:188 Resp: 380031

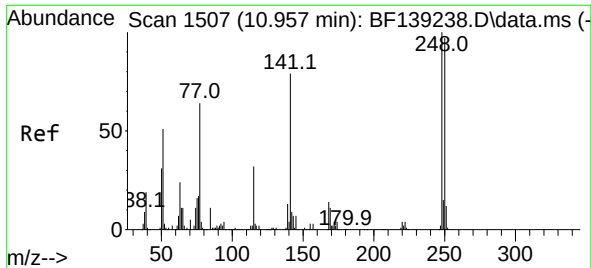
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.6 7.3 10.9

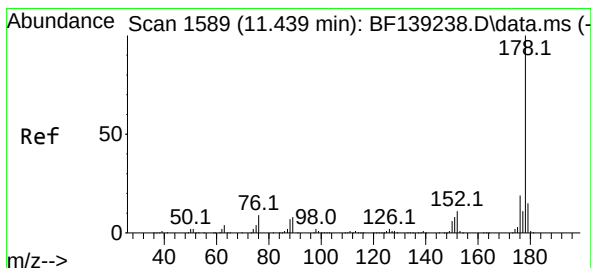
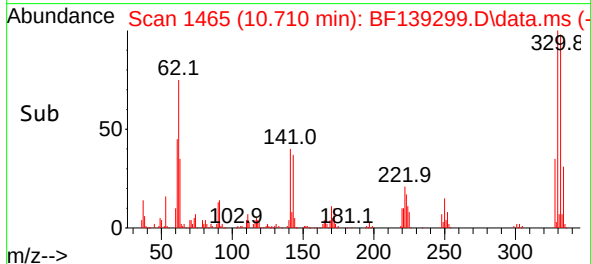
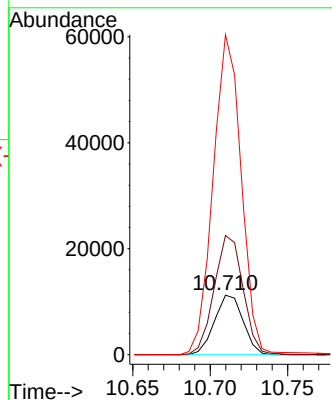
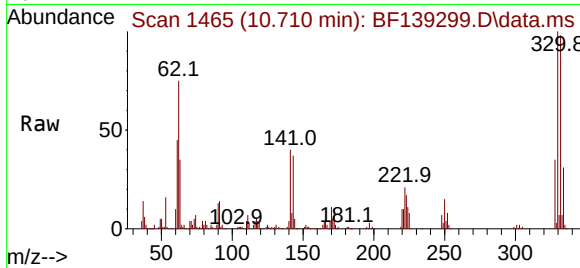




#67
4-Bromophenyl-phenylether
Concen: 3.917 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

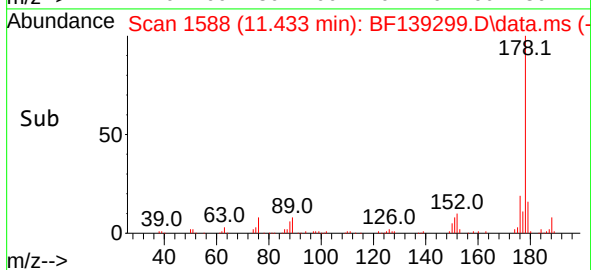
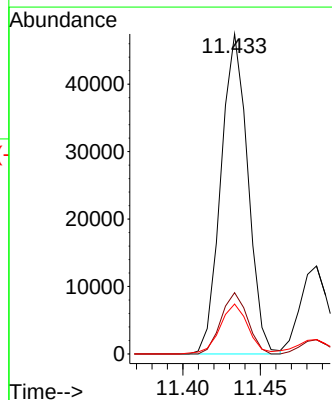
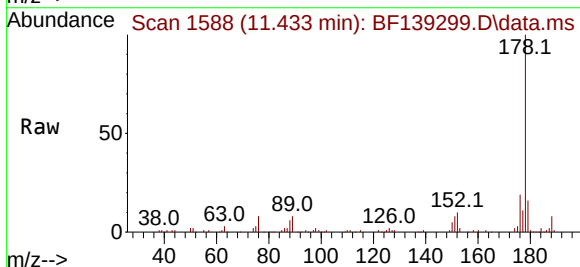
Instrument :
BNA_F
ClientSampleId :
TP-3A

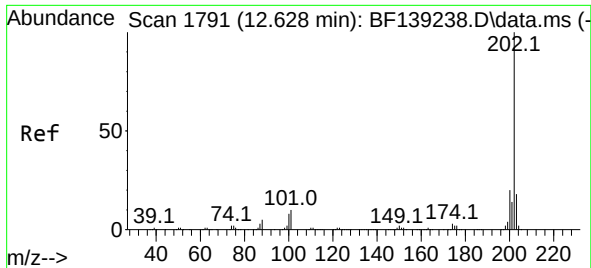
Tgt Ion:248 Resp: 14444
Ion Ratio Lower Upper
248 100
250 200.3 77.2 115.8#
141 537.7 63.6 95.4#



#71
Phenanthrene
Concen: 3.228 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:178 Resp: 57307
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.3 18.5

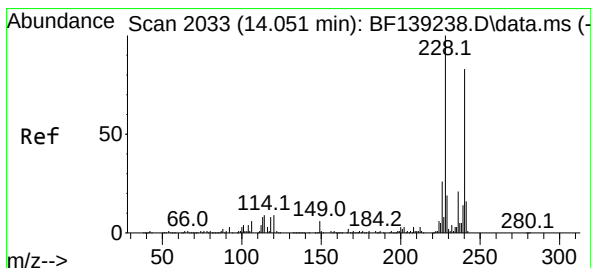
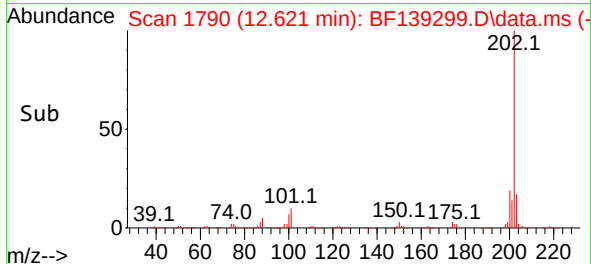
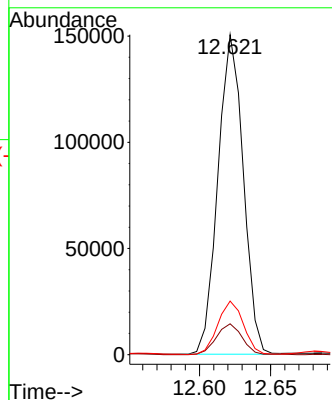
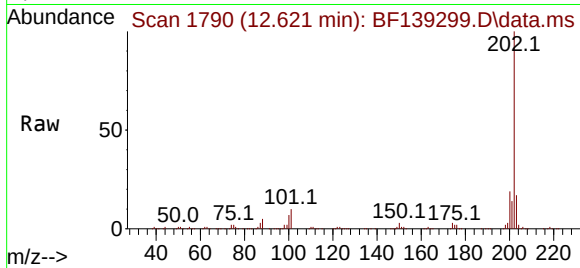




#75
Fluoranthene
Concen: 10.487 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

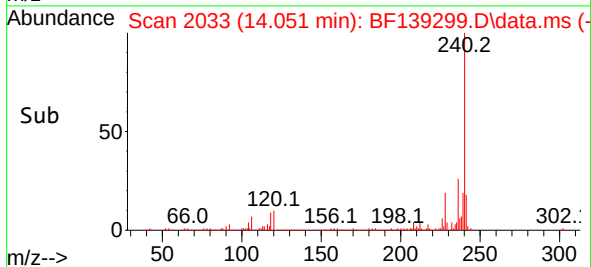
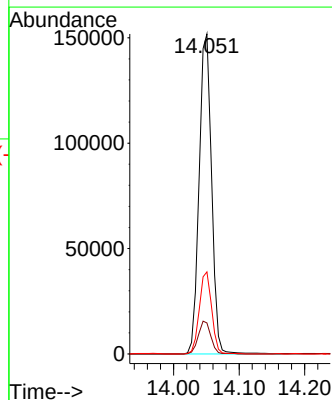
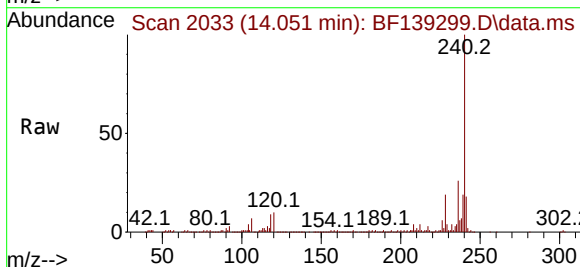
Instrument :
BNA_F
ClientSampleId :
TP-3A

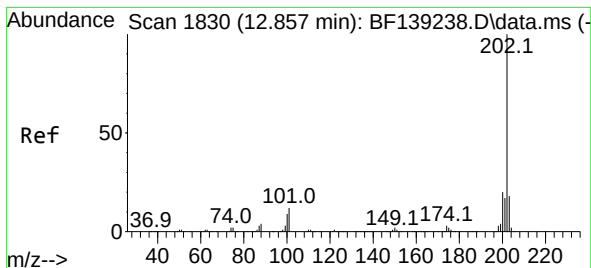
Tgt Ion:202 Resp: 186654
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.9
203 16.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:240 Resp: 200845
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.7 20.7 31.1





#78

Pyrene

Concen: 8.850 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

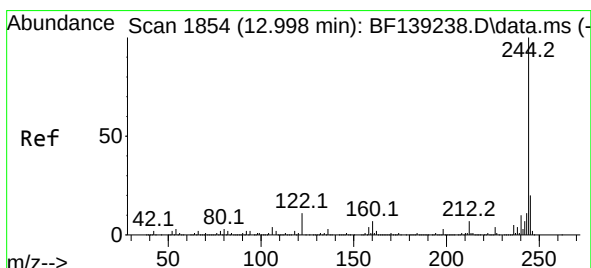
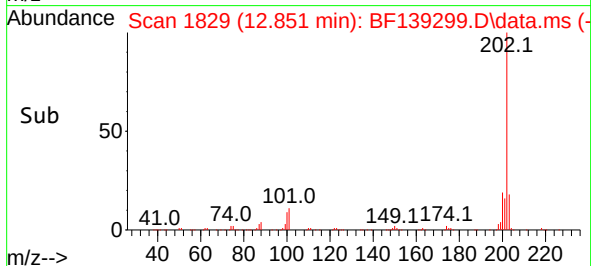
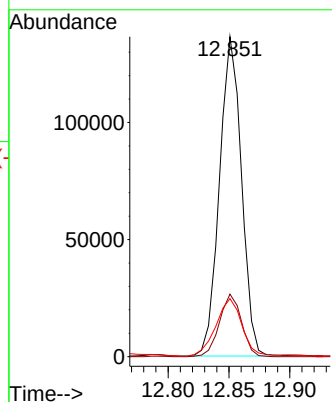
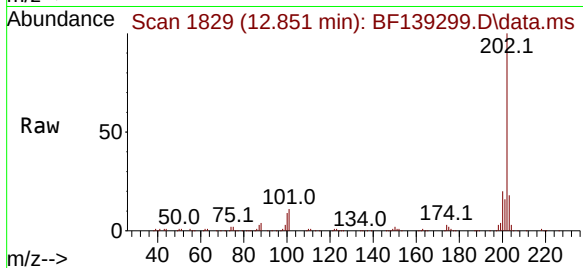
Tgt Ion:202 Resp: 171714

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

203 18.1 14.1 21.1



#79

Terphenyl-d14

Concen: 63.966 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

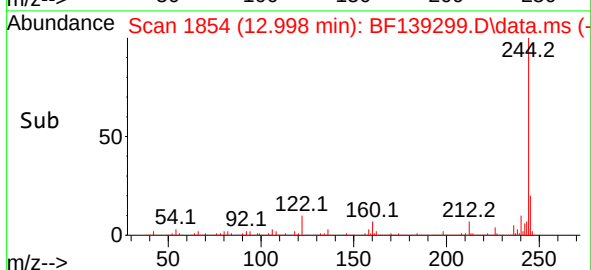
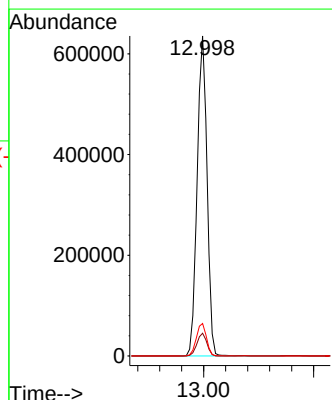
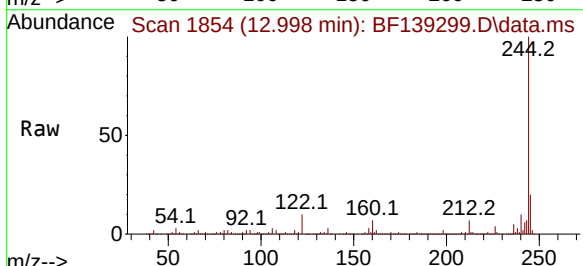
Tgt Ion:244 Resp: 795697

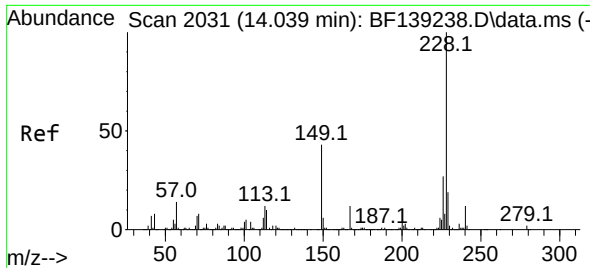
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.2 8.7 13.1

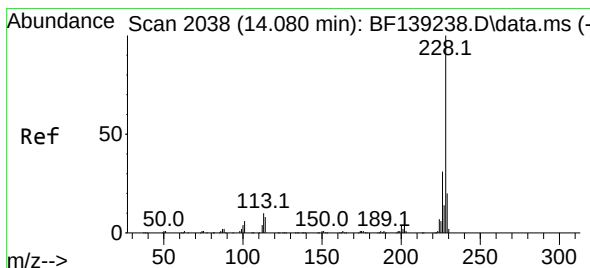
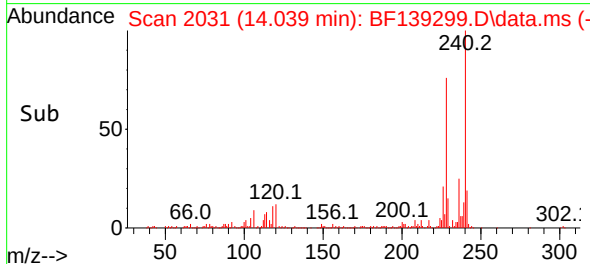
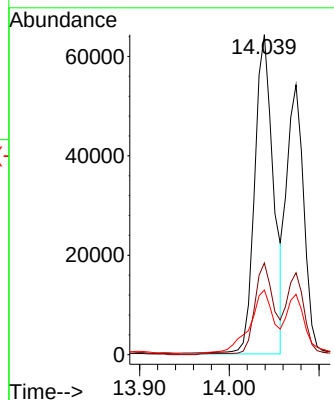
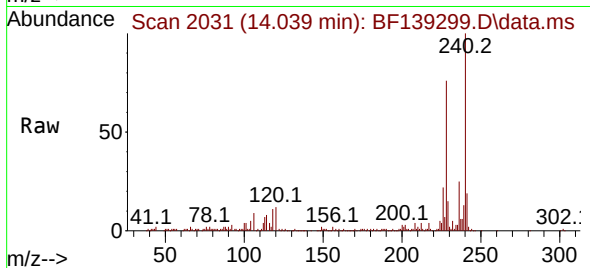




#81
Benzo(a)anthracene
Concen: 7.294 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

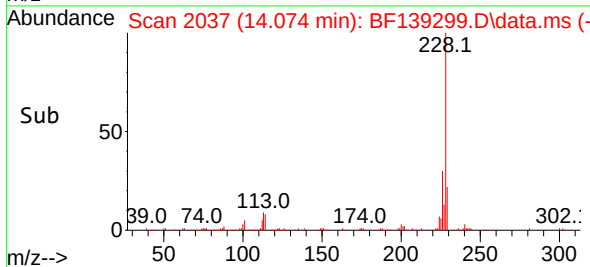
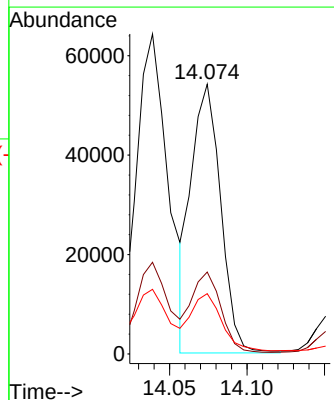
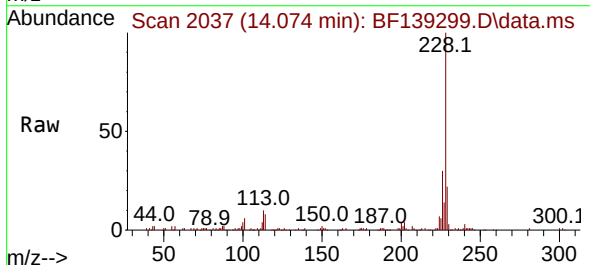
Instrument :
BNA_F
ClientSampleId :
TP-3A

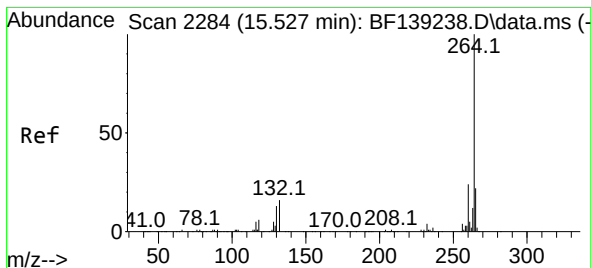
Tgt Ion:228 Resp: 93548
Ion Ratio Lower Upper
228 100
226 28.6 21.5 32.3
229 20.2 15.6 23.4



#83
Chrysene
Concen: 5.969 ng
RT: 14.074 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF139299.D
Acq: 10 Sep 2024 14:58

Tgt Ion:228 Resp: 71441
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 22.4 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

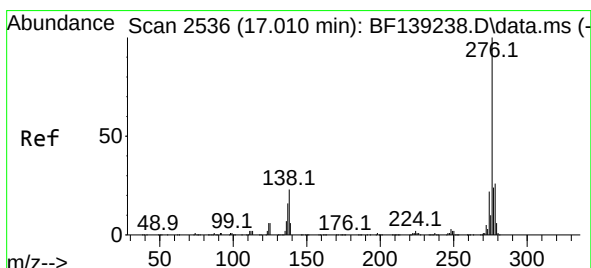
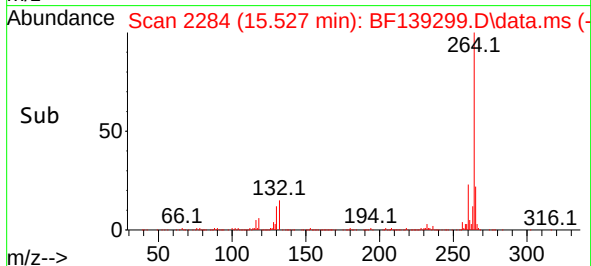
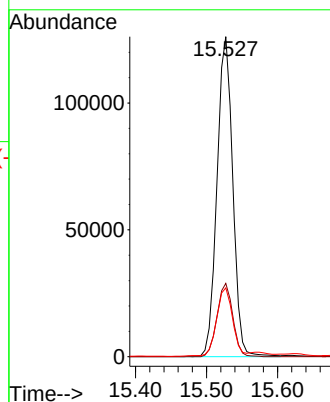
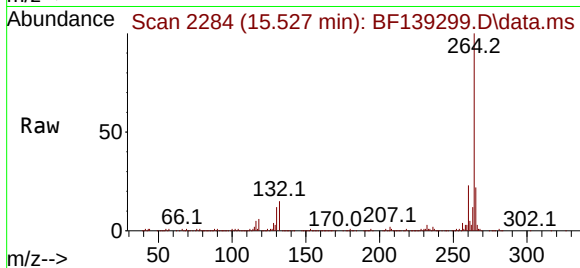
Tgt Ion:264 Resp: 193830

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.5 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.906 ng

RT: 16.998 min Scan# 2534

Delta R.T. -0.012 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

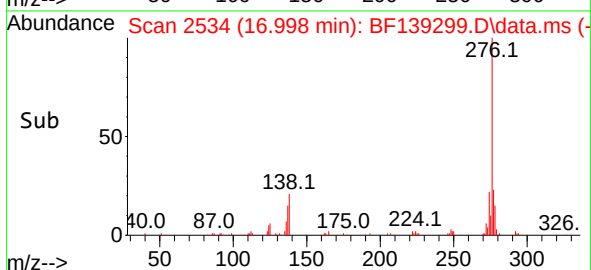
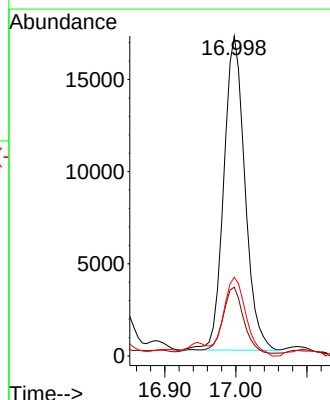
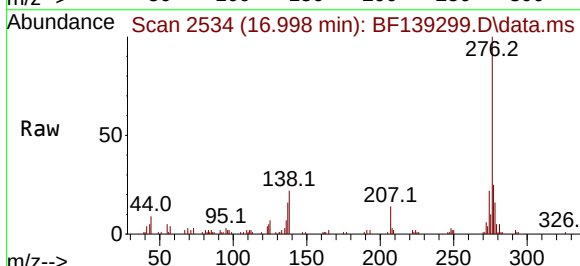
Tgt Ion:276 Resp: 35190

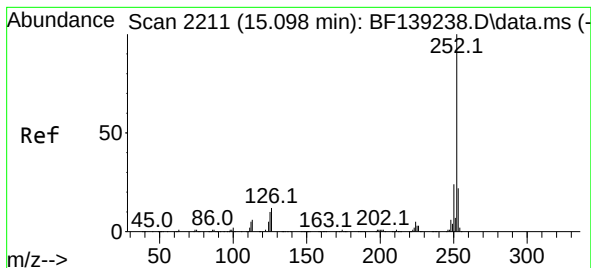
Ion Ratio Lower Upper

276 100

138 20.8 20.4 30.6

277 26.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 13.575 ng

RT: 15.092 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

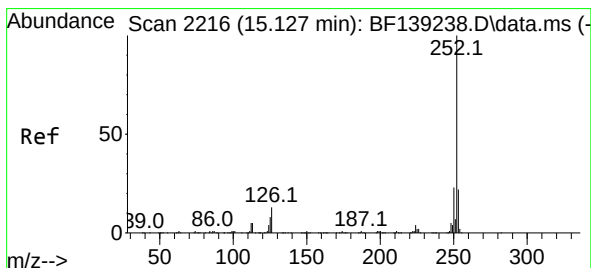
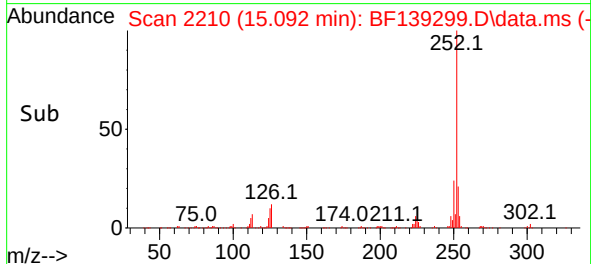
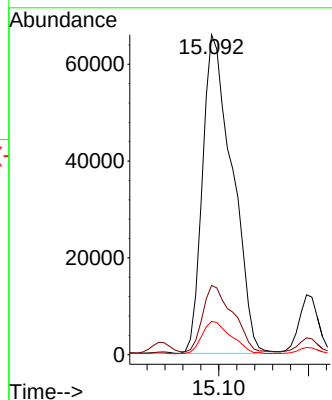
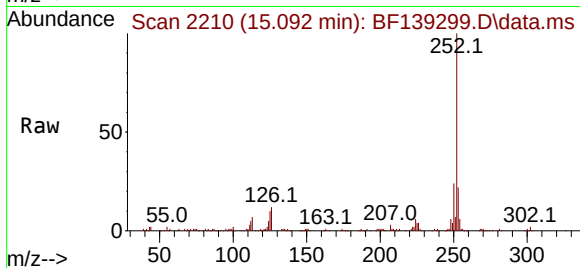
Tgt Ion:252 Resp: 151537

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 10.4 7.6 11.4



#89

Benzo(k)fluoranthene

Concen: 15.141 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.035 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

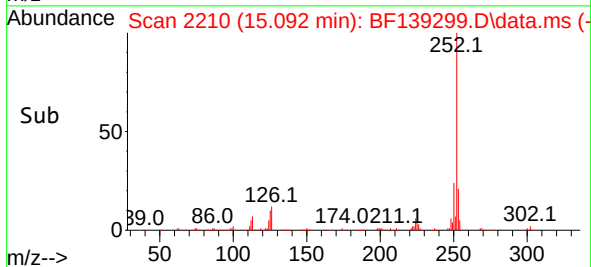
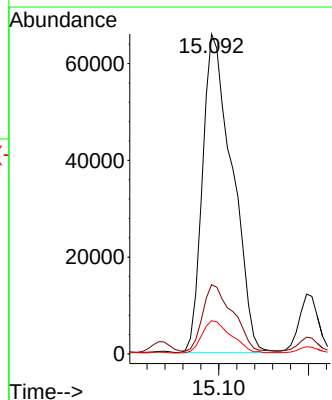
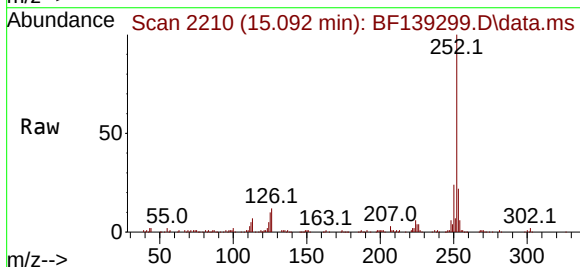
Tgt Ion:252 Resp: 151537

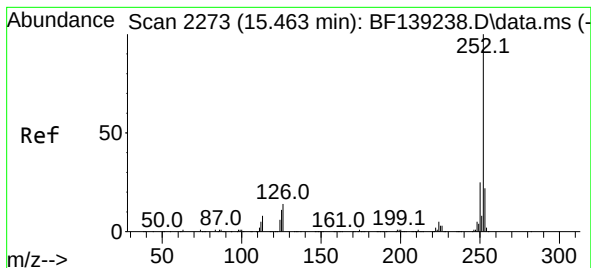
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 10.4 7.2 10.8





#90

Benzo(a)pyrene

Concen: 8.098 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Instrument :

BNA_F

ClientSampleId :

TP-3A

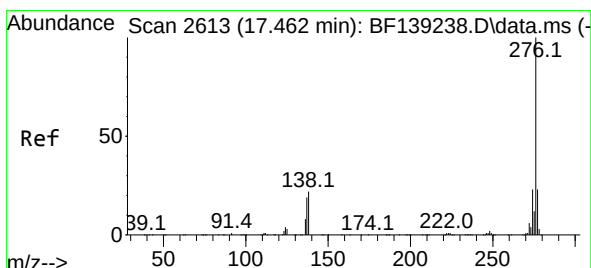
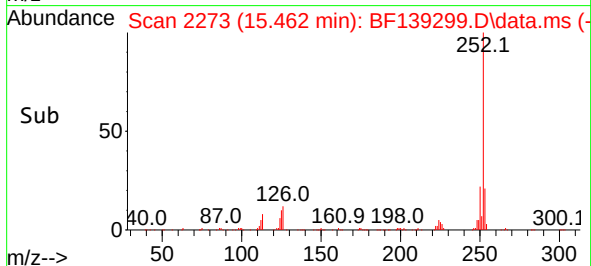
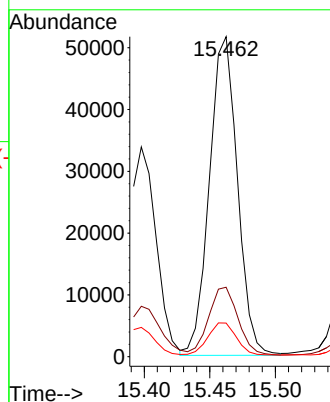
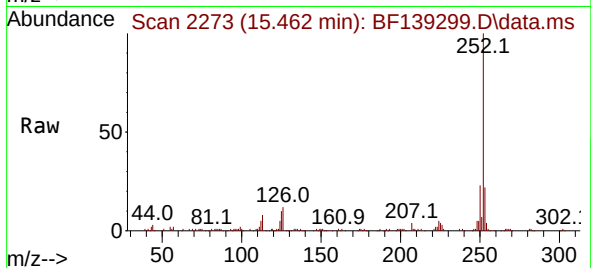
Tgt Ion:252 Resp: 76757

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.5 8.6 13.0



#92

Benzo(g,h,i)perylene

Concen: 3.185 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.018 min

Lab File: BF139299.D

Acq: 10 Sep 2024 14:58

Tgt Ion:276 Resp: 32803

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 22.3 17.4 26.0

