

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139400.D
 Acq On : 17 Sep 2024 14:17
 Operator : RC/JU
 Sample : P3985-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Sep 17 15:00:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

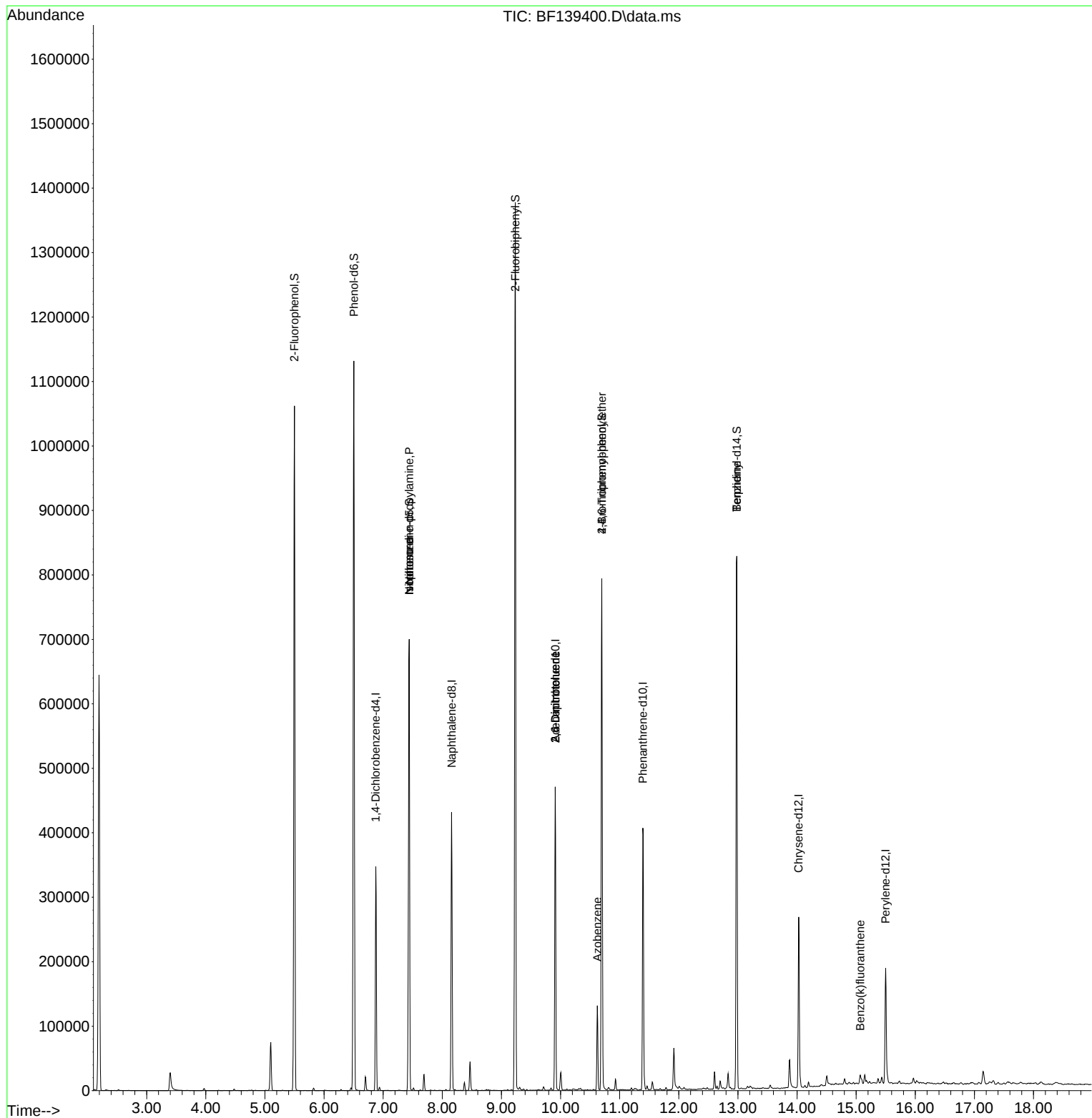
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67297	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245002	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	133986	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	217178	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116659	20.000	ng	0.00
86) Perylene-d12	15.498	264	102357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	336790	81.641	ng	0.00
7) Phenol-d6	6.504	99	469718	86.749	ng	0.00
23) Nitrobenzene-d5	7.440	82	300443	57.650	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	113092	79.283	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	575574	60.249	ng	0.00
79) Terphenyl-d14	12.980	244	398629	56.087	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	42080	13.115	ng	# 76
25) Isophorone	7.440	82	299113	36.291	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	16795	8.621	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	16795	6.386	ng	# 17
63) Azobenzene	10.622	77	33504	3.754	ng	# 4
67) 4-Bromophenyl-phenylether	10.698	248	7966	3.701	ng	# 1
77) Benzidine	12.980	184	6327	3.785	ng	# 93
89) Benzo(k)fluoranthene	15.069	252	12292	2.112	ng	# 97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139400.D
Acq On : 17 Sep 2024 14:17
Operator : RC/JU
Sample : P3985-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

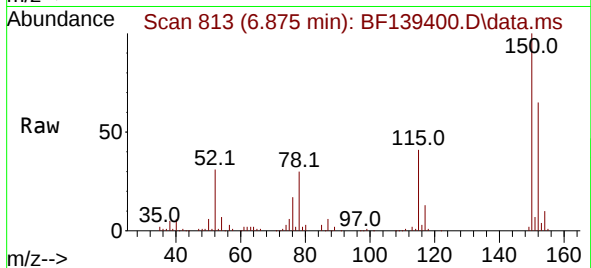
Quant Time: Sep 17 15:00:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration



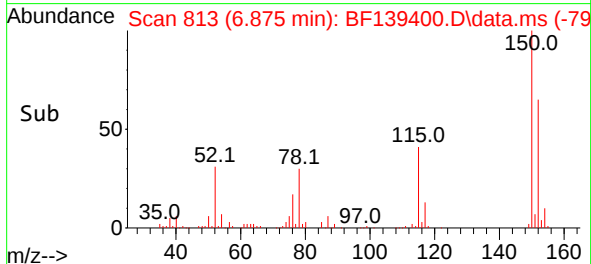
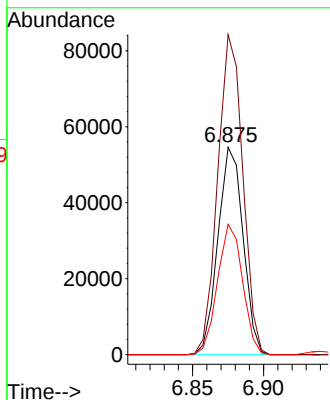


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Instrument :
BNA_F
ClientSampleId :
TP-7

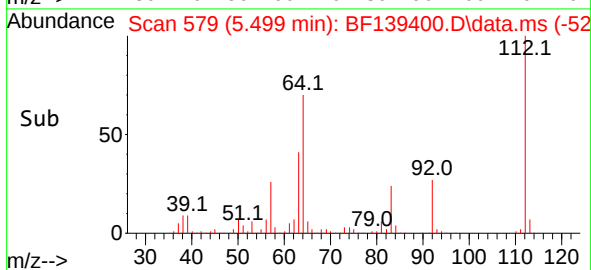
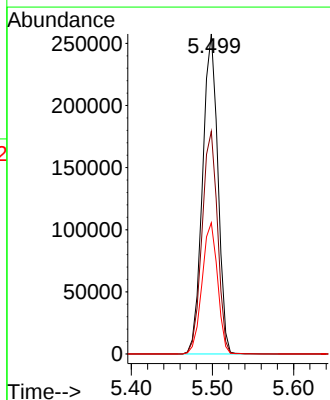
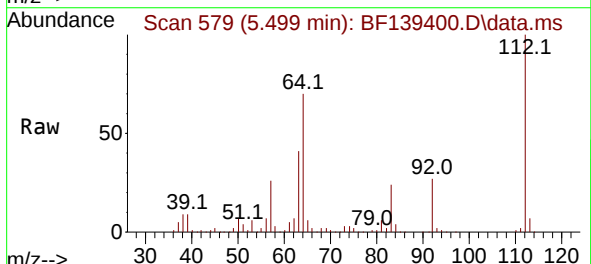


Tgt Ion:152 Resp: 67297
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 81.641 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:112 Resp: 336790
Ion Ratio Lower Upper
112 100
64 69.6 54.8 82.2
63 41.0 33.0 49.4

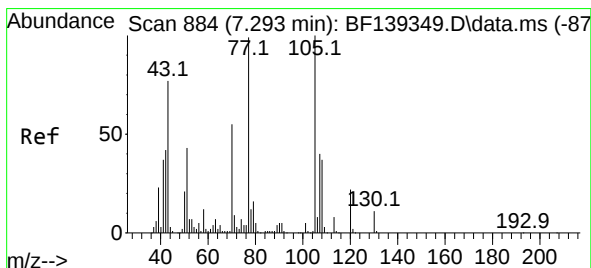
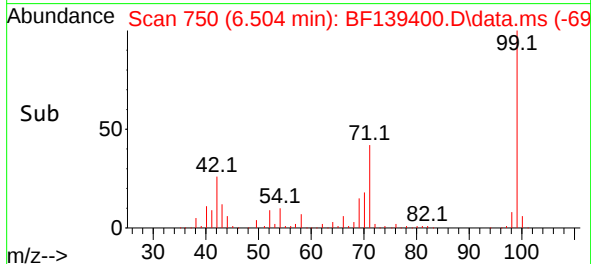
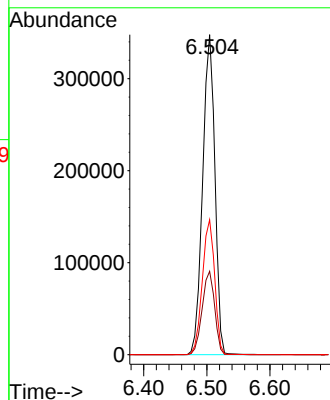
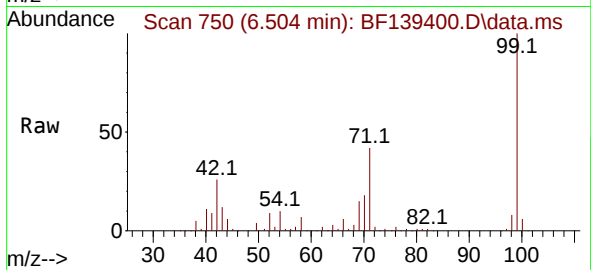




#7
Phenol-d6
Concen: 86.749 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

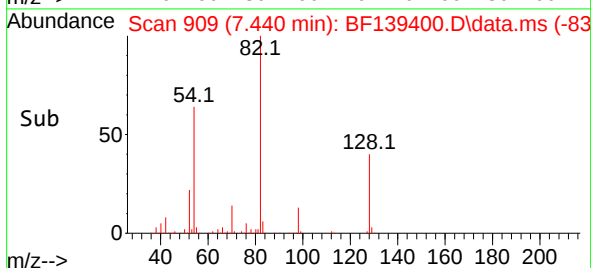
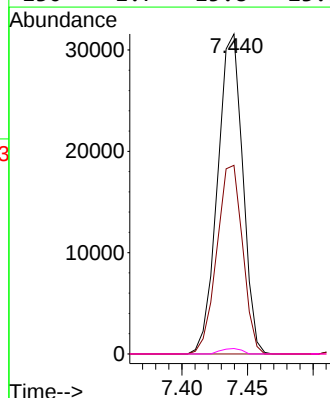
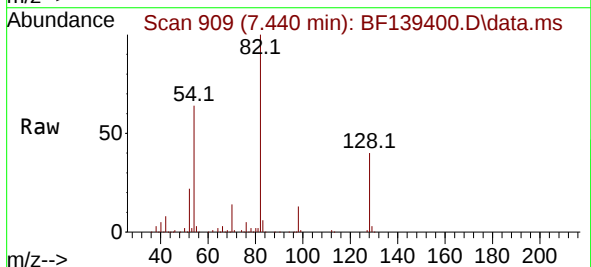
Instrument :
BNA_F
ClientSampleId :
TP-7

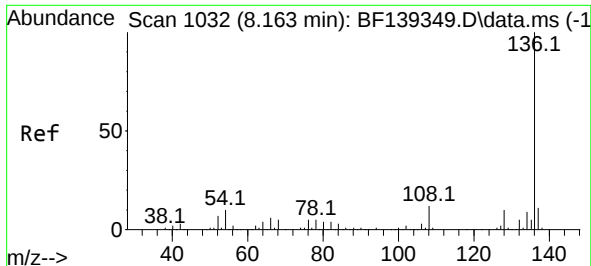
Tgt Ion: 99 Resp: 469718
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 42.2 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.115 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion: 70 Resp: 42080
Ion Ratio Lower Upper
70 100
42 58.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

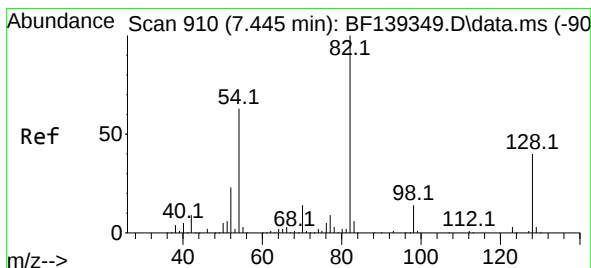
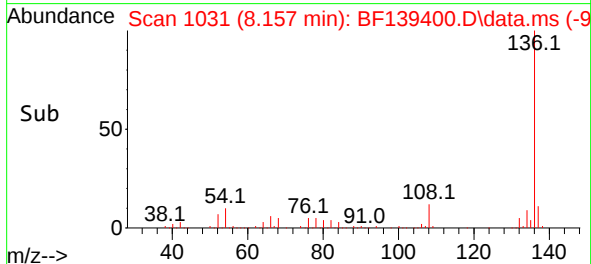
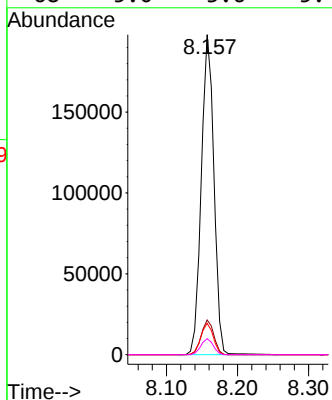
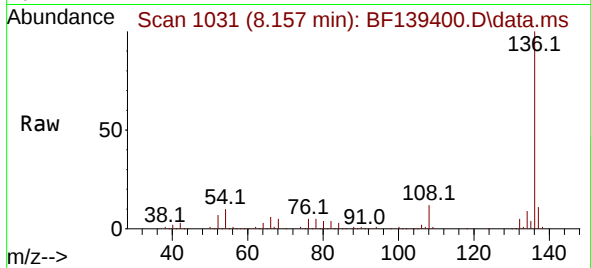
Instrument :

BNA_F

ClientSampleId :

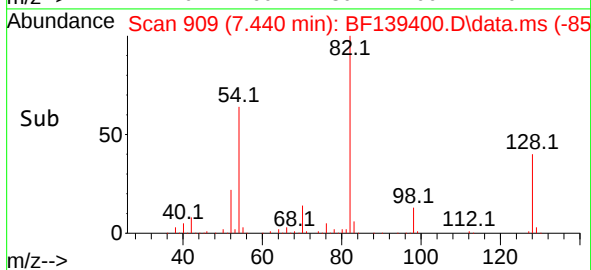
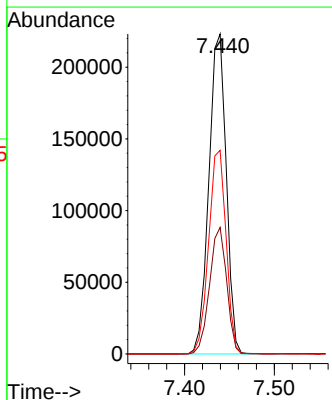
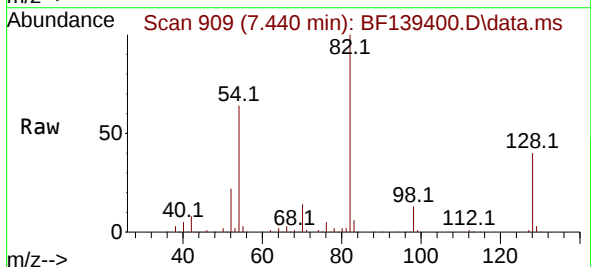
TP-7

Tgt Ion:136 Resp: 245002
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 5.0 3.6 5.4



#23
Nitrobenzene-d5
Concen: 57.650 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion: 82 Resp: 300443
Ion Ratio Lower Upper
82 100
128 39.5 31.8 47.6
54 63.6 50.6 75.8

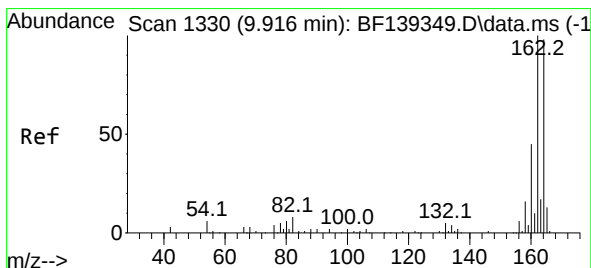
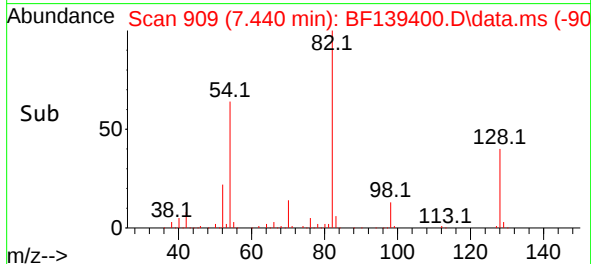
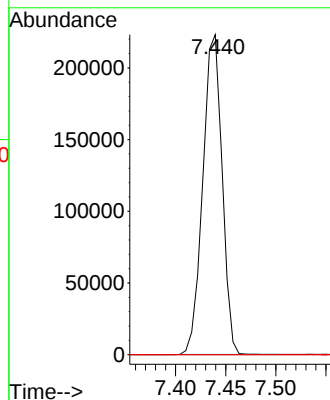
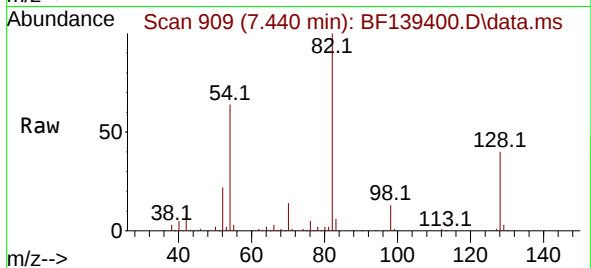




#25
Isophorone
Concen: 36.291 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

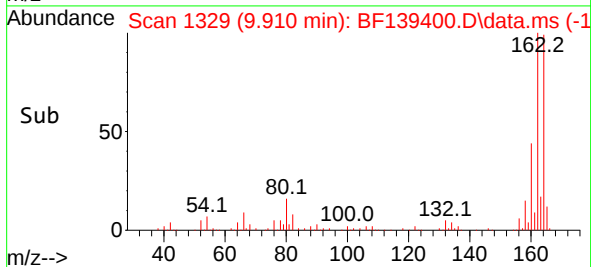
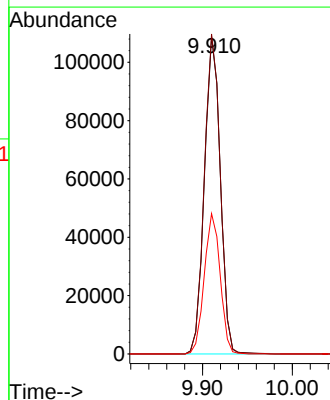
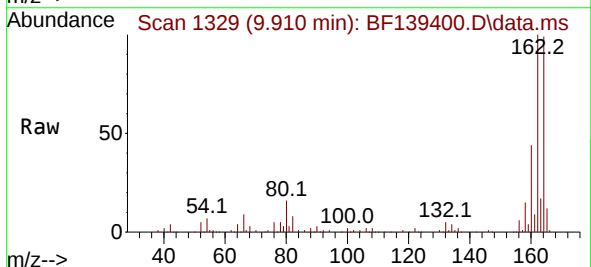
Instrument :
BNA_F
ClientSampleId :
TP-7

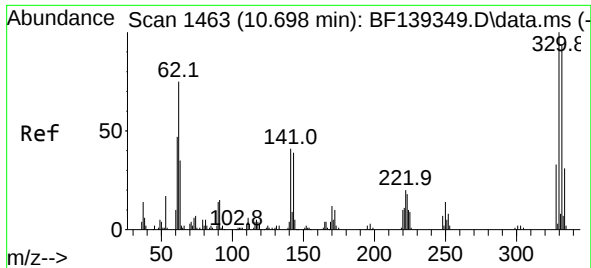
Tgt Ion: 82 Resp: 299113
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:164 Resp: 133986
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.2 36.4 54.6

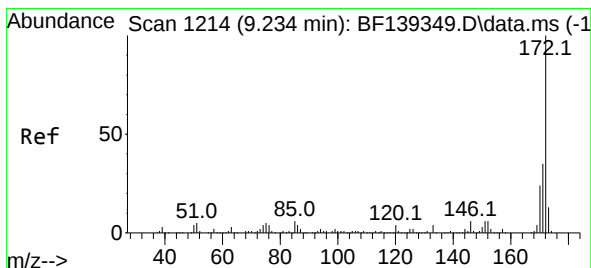
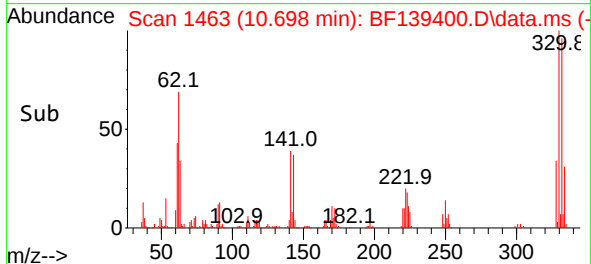
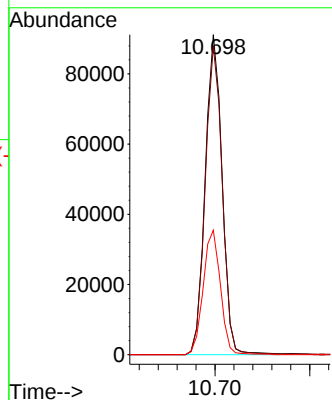
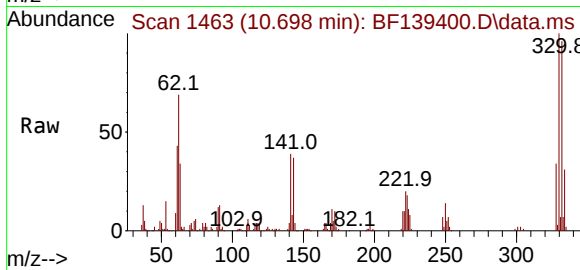




#42
2,4,6-Tribromophenol
Concen: 79.283 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

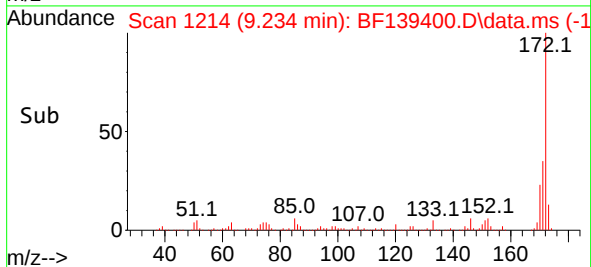
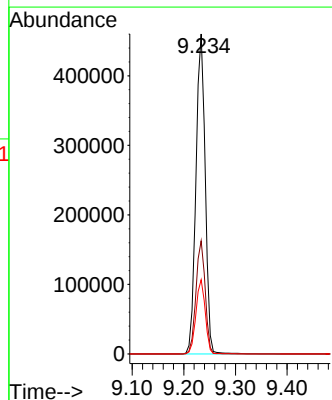
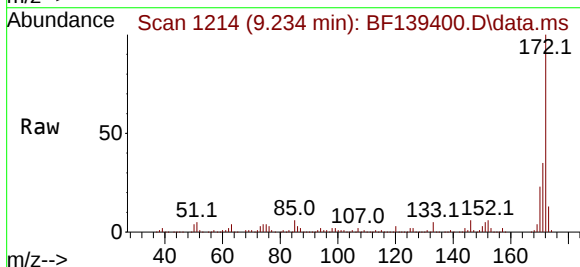
Instrument :
BNA_F
ClientSampleId :
TP-7

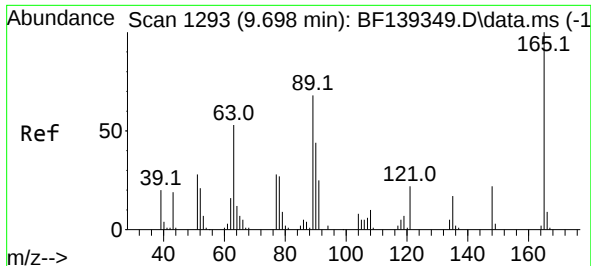
Tgt Ion:330 Resp: 113092
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 39.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 60.249 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:172 Resp: 575574
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6

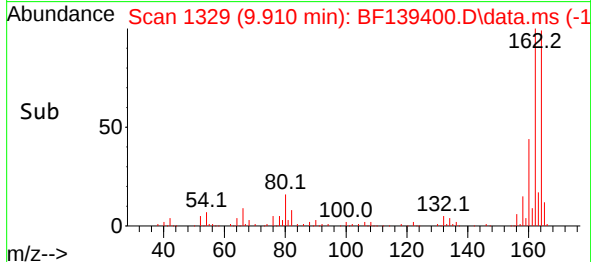
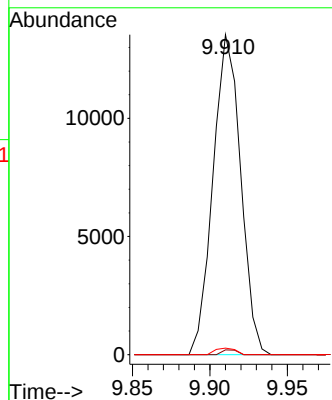
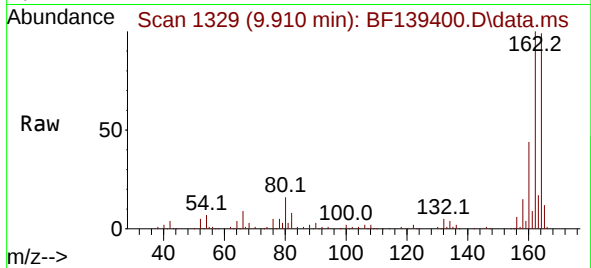




#51
2,6-Dinitrotoluene
Concen: 8.621 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

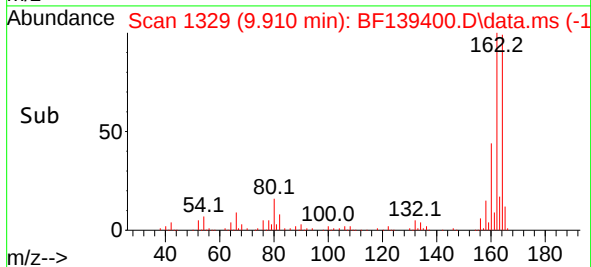
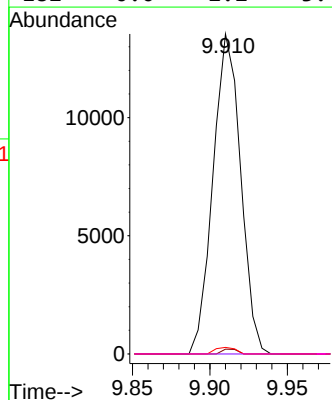
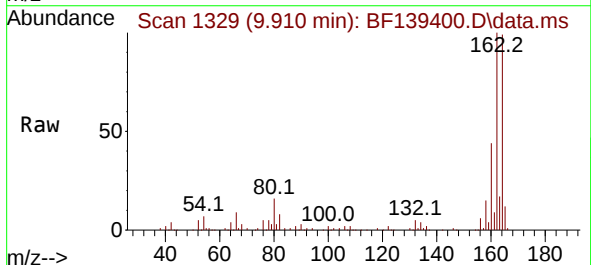
Instrument :
BNA_F
ClientSampleId :
TP-7

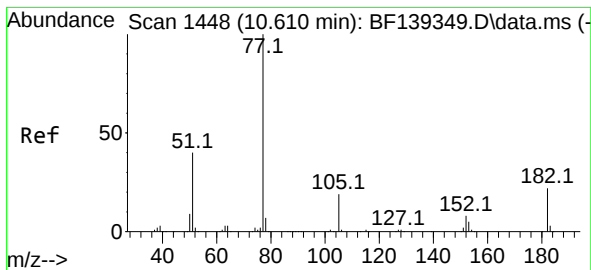
Tgt Ion:165 Resp: 16795
Ion Ratio Lower Upper
165 100
63 1.5 60.9 91.3#
89 2.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.386 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:165 Resp: 16795
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 2.0 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.754 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-7

Tgt Ion: 77 Resp: 33504

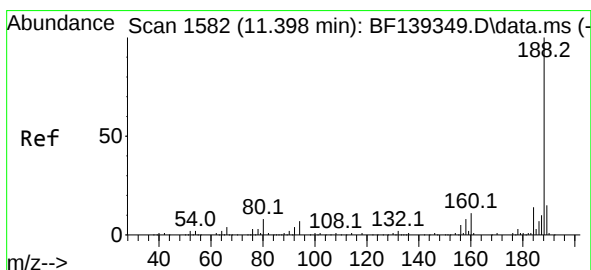
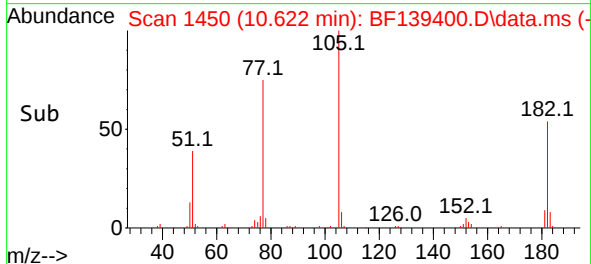
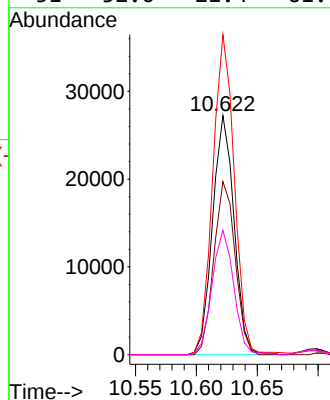
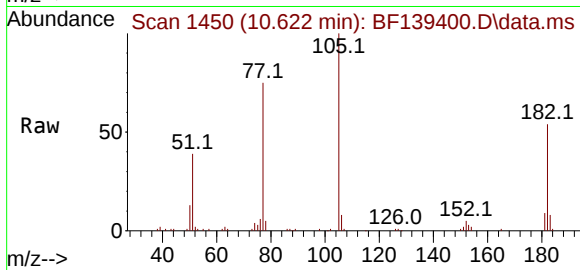
Ion Ratio Lower Upper

77 100

182 72.4 1.8 41.8#

105 133.8 0.0 38.6#

51 52.0 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

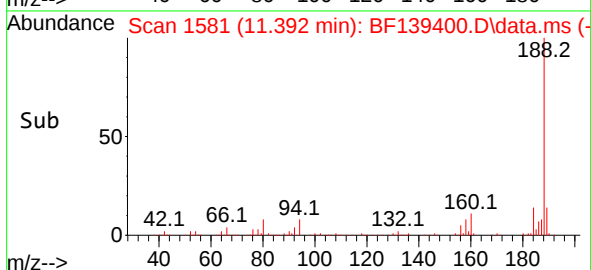
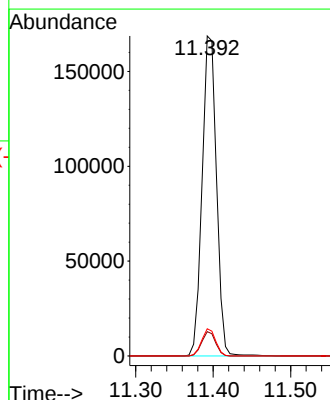
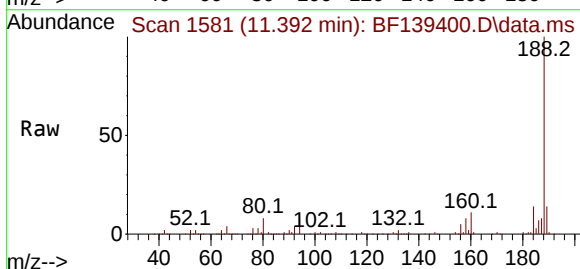
Tgt Ion: 188 Resp: 217178

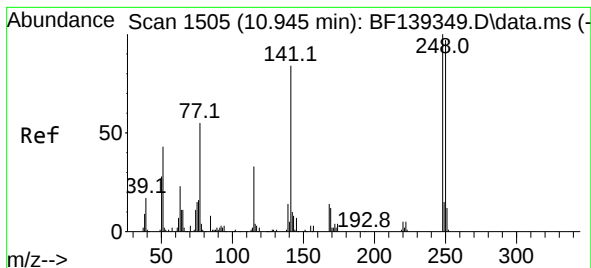
Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.5 6.6 9.8

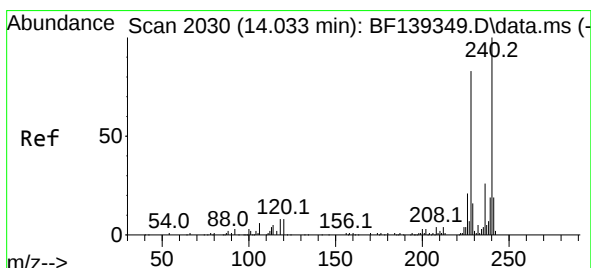
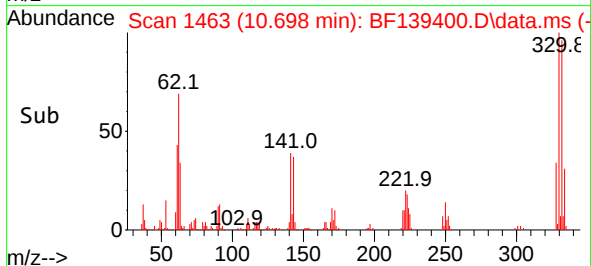
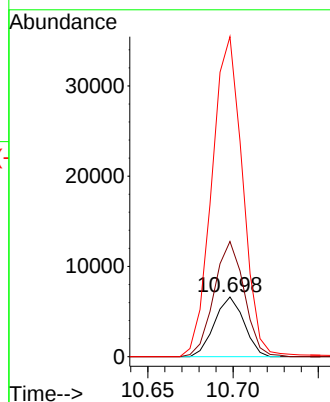
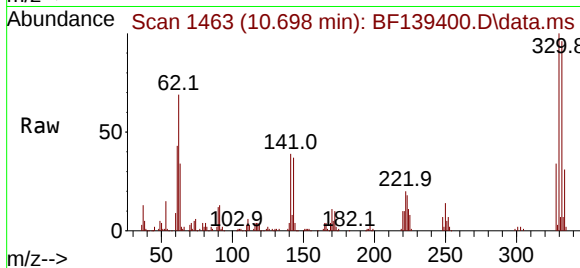




#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

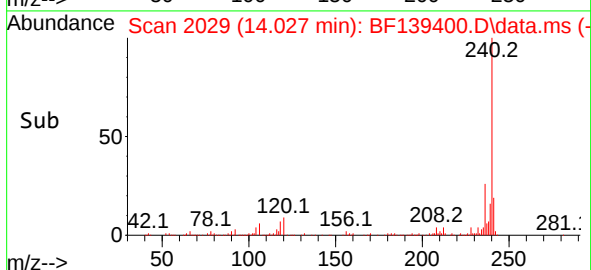
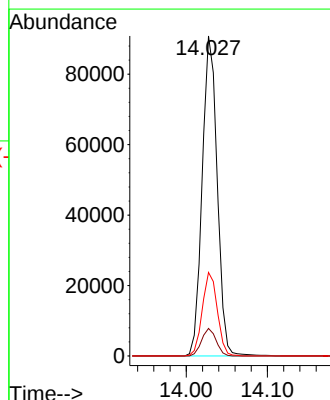
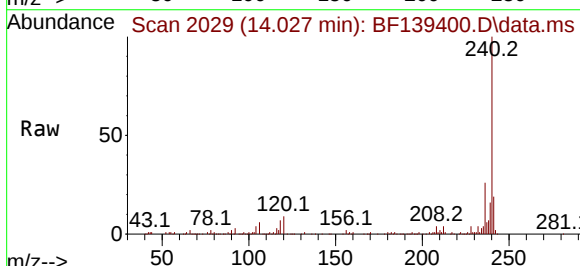
Instrument :
BNA_F
ClientSampleId :
TP-7

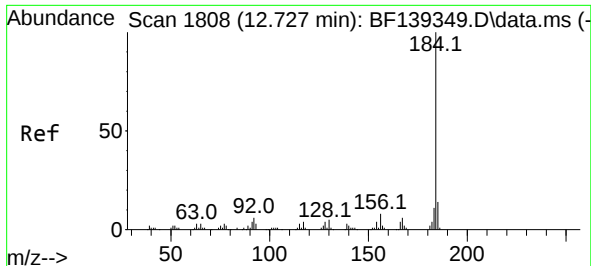
Tgt Ion:248 Resp: 7966
Ion Ratio Lower Upper
248 100
250 193.1 77.6 116.4#
141 536.4 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:240 Resp: 116659
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 26.1 20.9 31.3

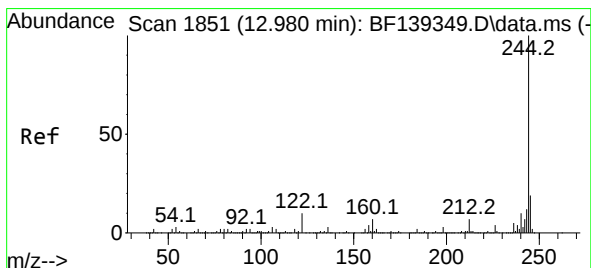
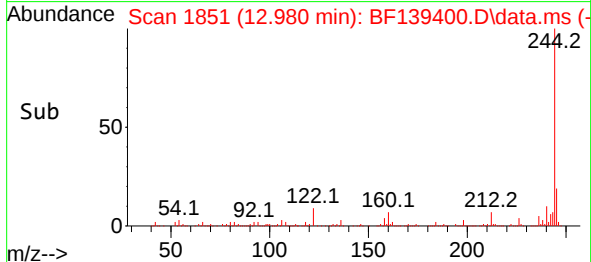
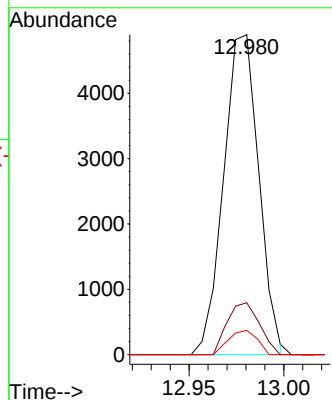
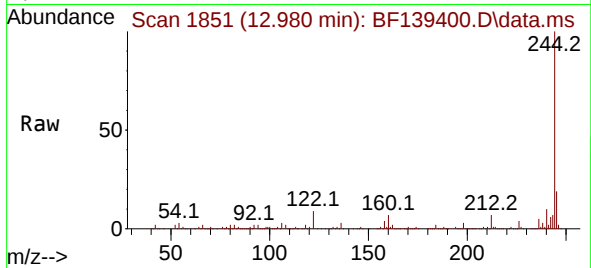




#77
Benzidine
Concen: 3.785 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

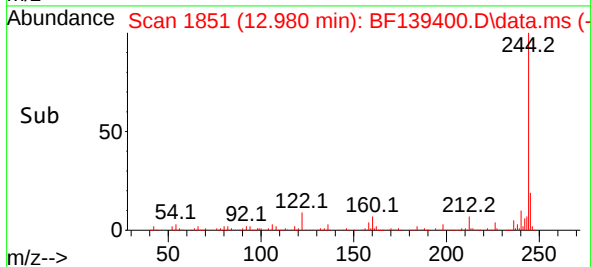
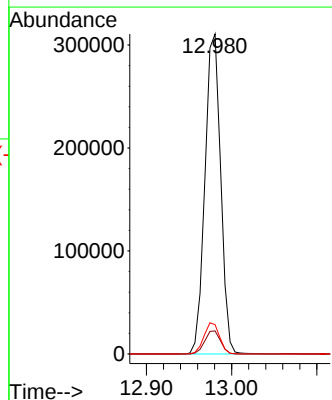
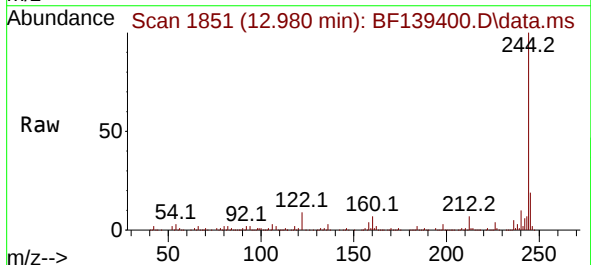
Instrument :
BNA_F
ClientSampleId :
TP-7

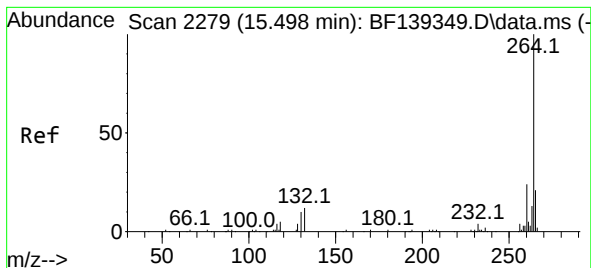
Tgt Ion:184 Resp: 6327
Ion Ratio Lower Upper
184 100
185 16.3 11.5 17.3
183 7.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 56.087 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139400.D
Acq: 17 Sep 2024 14:17

Tgt Ion:244 Resp: 398629
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.1 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

Instrument :

BNA_F

ClientSampleId :

TP-7

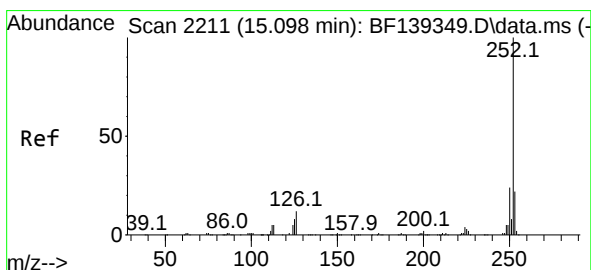
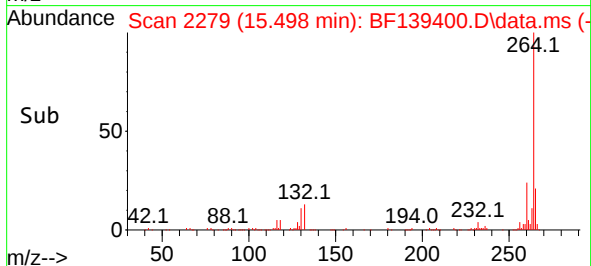
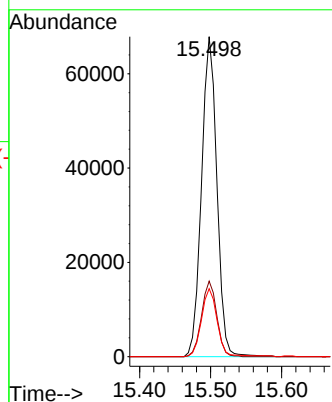
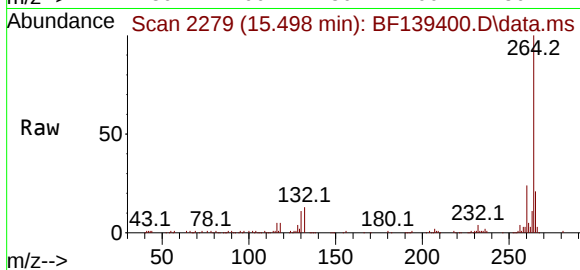
Tgt Ion:264 Resp: 102357

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.3 16.6 25.0



#89

Benzo(k)fluoranthene

Concen: 2.112 ng

RT: 15.069 min Scan# 2206

Delta R.T. -0.029 min

Lab File: BF139400.D

Acq: 17 Sep 2024 14:17

Tgt Ion:252 Resp: 12292

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.9 5.9 8.9#

