

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139632.D
 Acq On : 03 Oct 2024 15:37
 Operator : RC/JU
 Sample : P4235-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1403

Quant Time: Oct 03 16:23:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

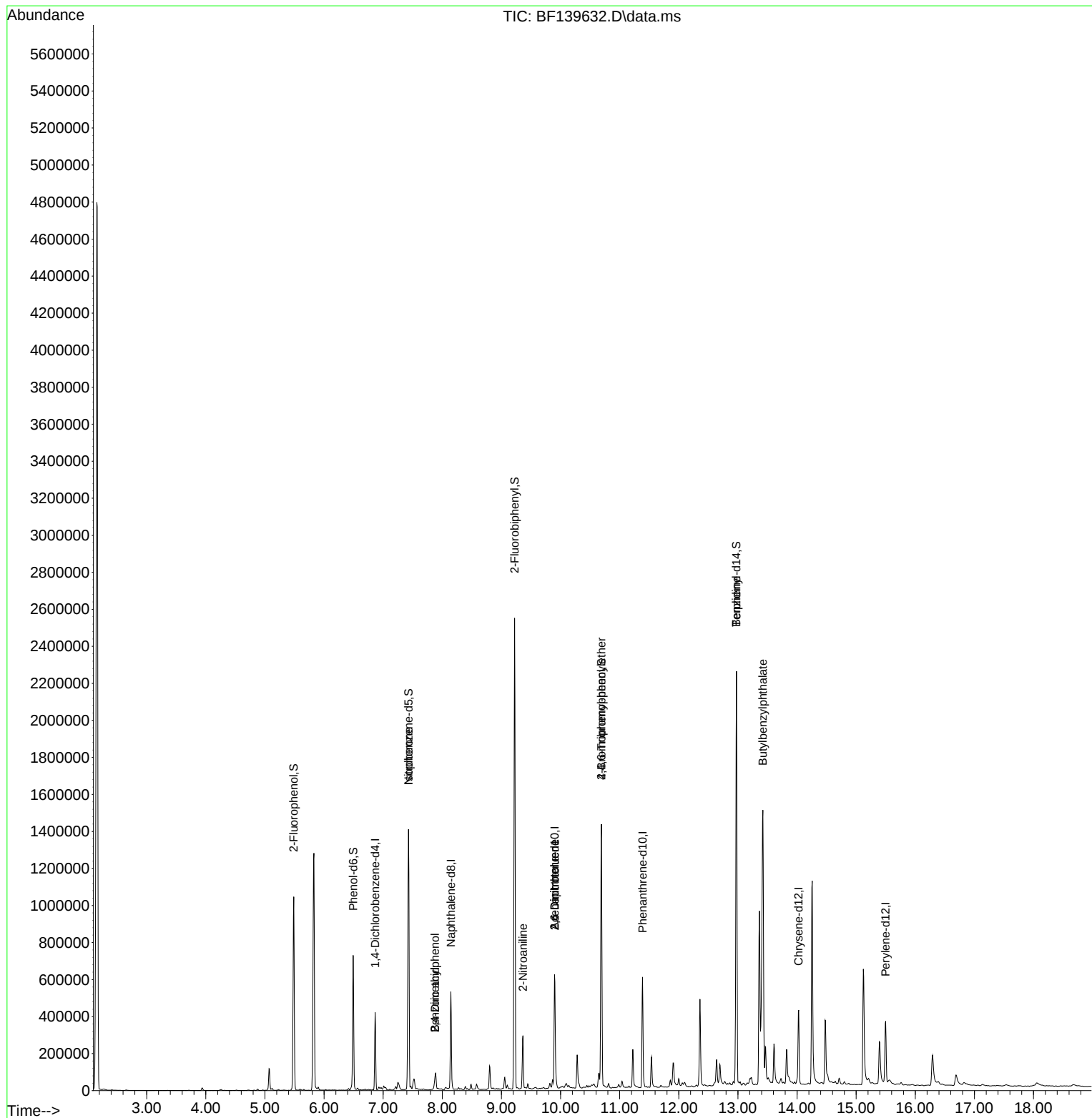
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82321	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	306449	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	169039	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	302175	20.000	ng	0.00
76) Chrysene-d12	14.027	240	188679	20.000	ng	0.00
86) Perylene-d12	15.498	264	193223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367834	77.446	ng	0.00
7) Phenol-d6	6.493	99	299088	46.827	ng	-0.01
23) Nitrobenzene-d5	7.428	82	620322	102.487	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	223764	137.127	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1089128	98.913	ng	0.00
79) Terphenyl-d14	12.975	244	1078338	93.777	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.428	82	616902	57.385	ng	# 66
27) 2,4-Dimethylphenol	7.875	122	9643	2.923	ng	# 2
32) Benzoic acid	7.875	122	9643	2.940	ng	96
48) 2-Nitroaniline	9.363	65	8906	2.632	ng	# 22
51) 2,6-Dinitrotoluene	9.898	165	21771	8.710	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	21771	6.663	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	16098	5.196	ng	# 1
77) Benzidine	12.975	184	15552	4.673	ng	# 92
80) Butylbenzylphthalate	13.422	149	265124	43.923	ng	# 22

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139632.D
Acq On : 03 Oct 2024 15:37
Operator : RC/JU
Sample : P4235-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A1403

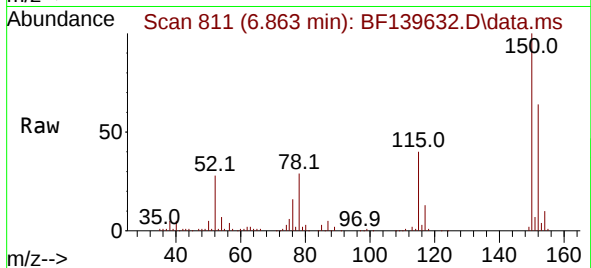
Quant Time: Oct 03 16:23:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



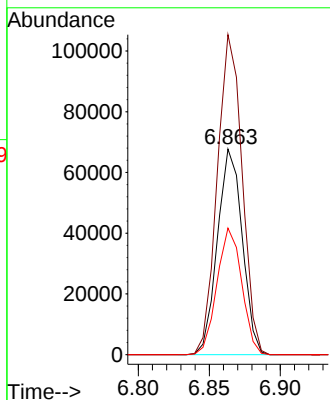
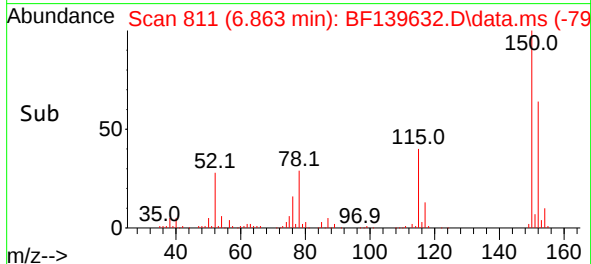


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF139632.D
 Acq: 03 Oct 2024 15:37

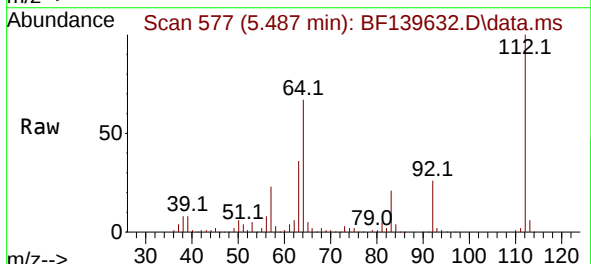
Instrument :
 BNA_F
 ClientSampleId :
 A1403



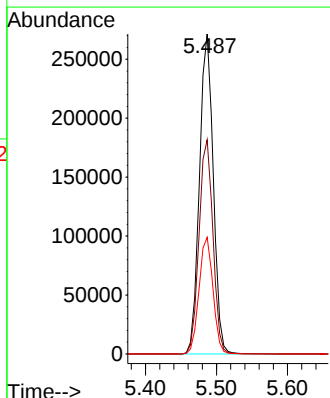
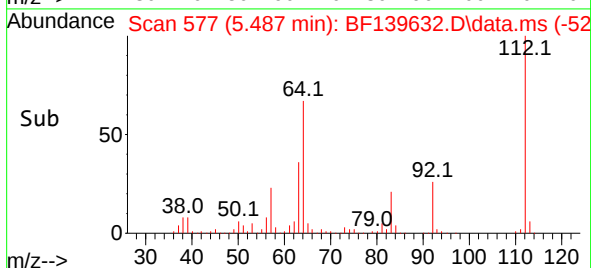
Tgt Ion:152 Resp: 82321
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.2 190.8
 115 61.6 49.0 73.4

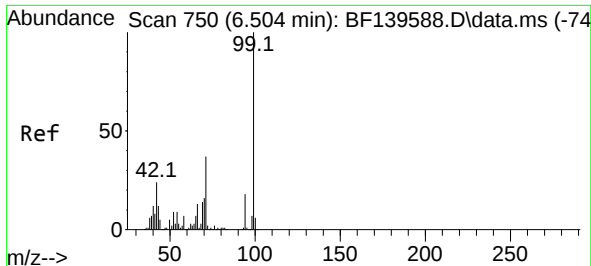


#5
 2-Fluorophenol
 Concen: 77.446 ng
 RT: 5.487 min Scan# 577
 Delta R.T. -0.000 min
 Lab File: BF139632.D
 Acq: 03 Oct 2024 15:37



Tgt Ion:112 Resp: 367834
 Ion Ratio Lower Upper
 112 100
 64 67.0 54.2 81.4
 63 36.5 29.4 44.2

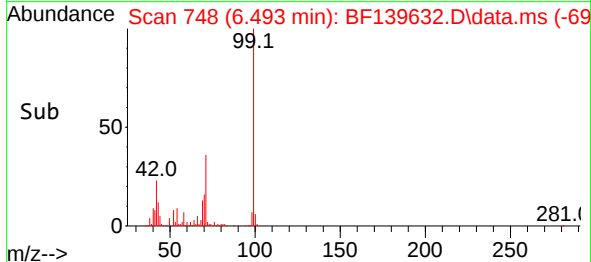
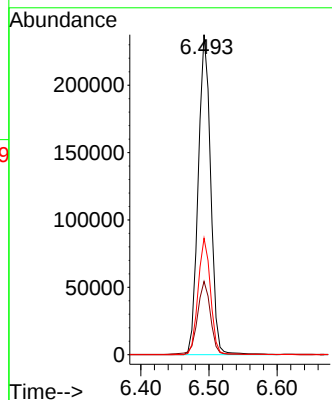
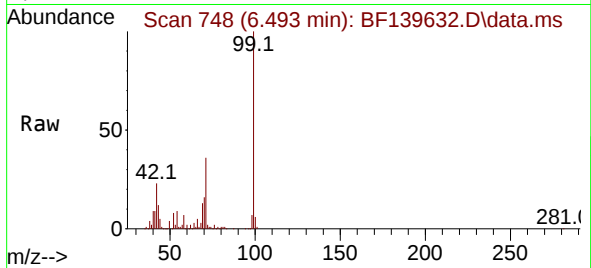




#7
Phenol-d6
Concen: 46.827 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

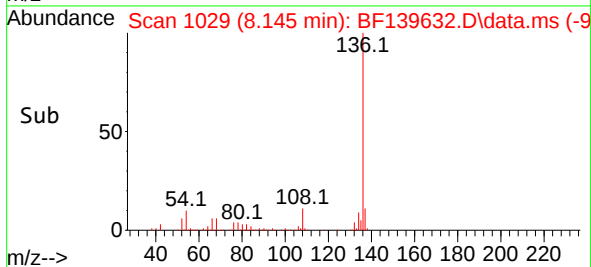
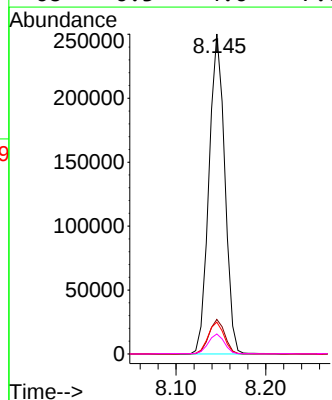
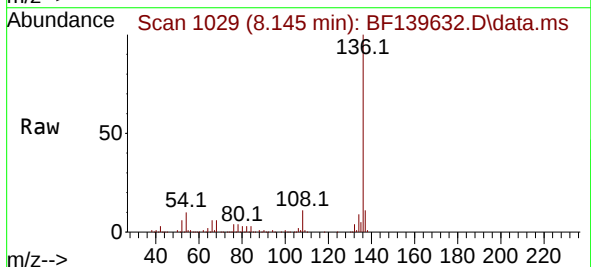
Instrument :
BNA_F
ClientSampleId :
A1403

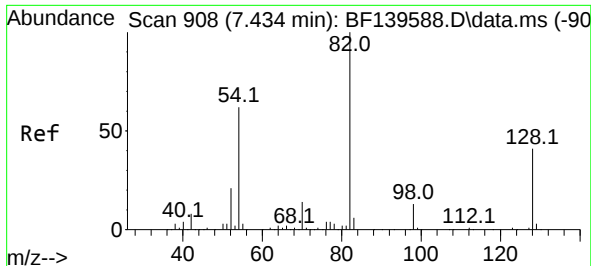
Tgt Ion: 99 Resp: 299088
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

Tgt Ion: 136 Resp: 306449
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.0 8.3 12.5
68 6.3 4.6 7.0

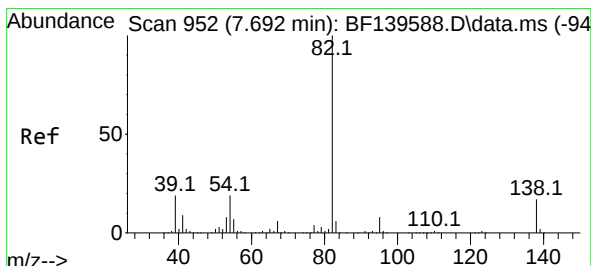
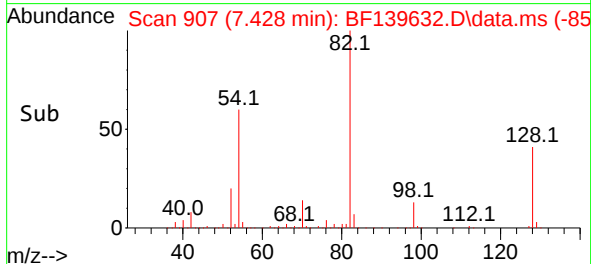
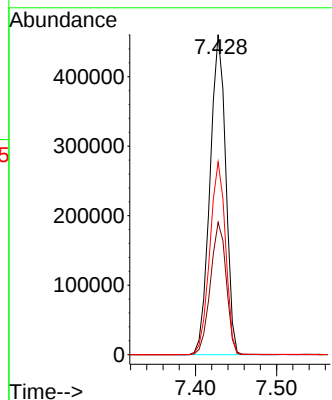
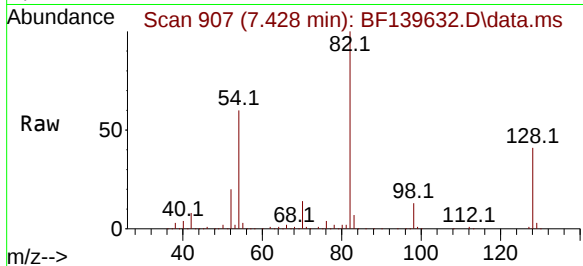




#23
Nitrobenzene-d5
Concen: 102.487 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

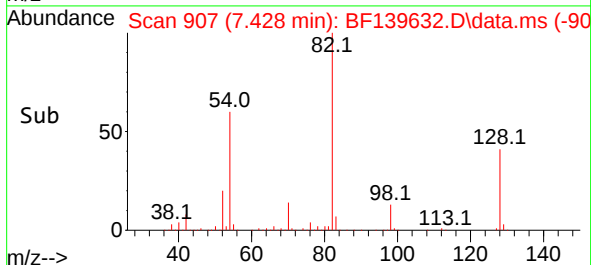
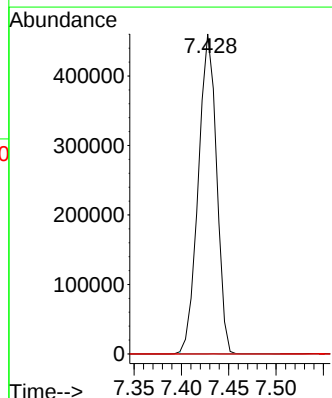
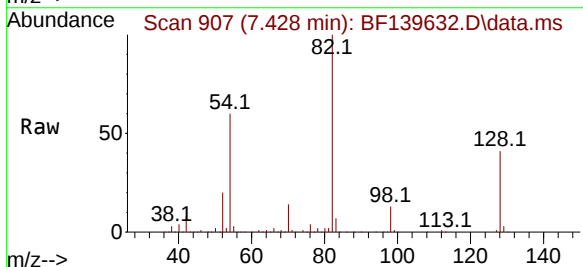
Instrument :
BNA_F
ClientSampleId :
A1403

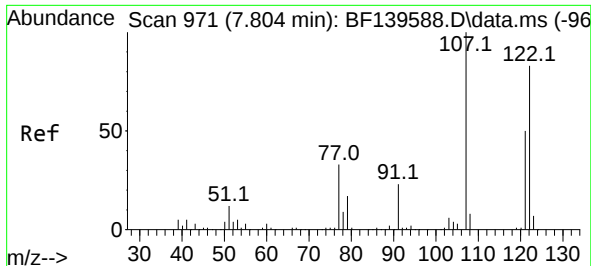
Tgt Ion: 82 Resp: 620322
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 60.3 49.1 73.7



#25
Isophorone
Concen: 57.385 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

Tgt Ion: 82 Resp: 616902
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#

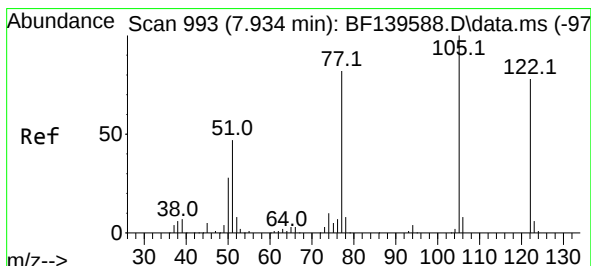
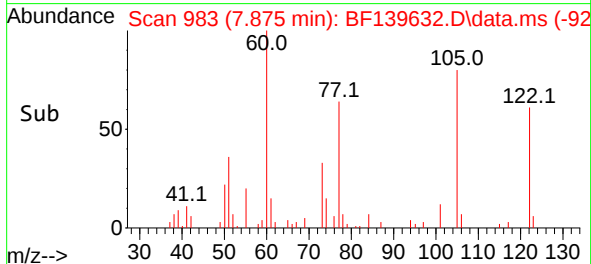
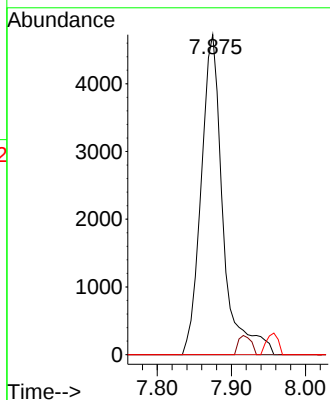
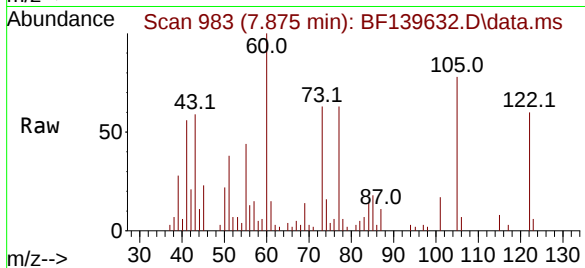




#27
2,4-Dimethylphenol
Concen: 2.923 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.071 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

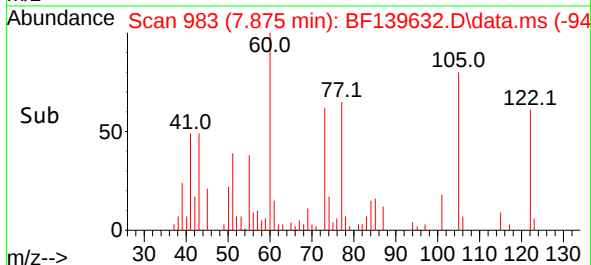
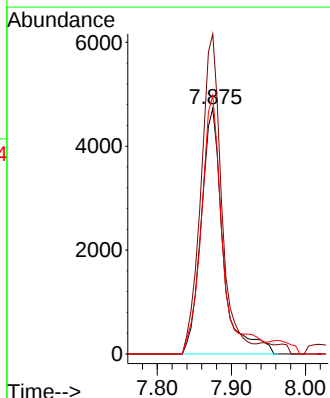
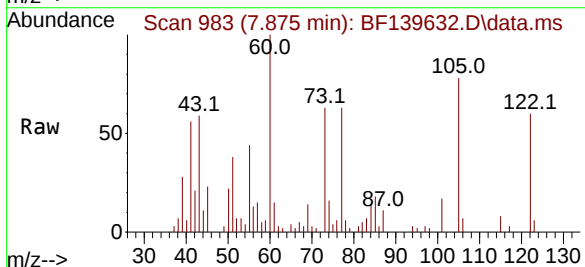
Instrument :
BNA_F
ClientSampleId :
A1403

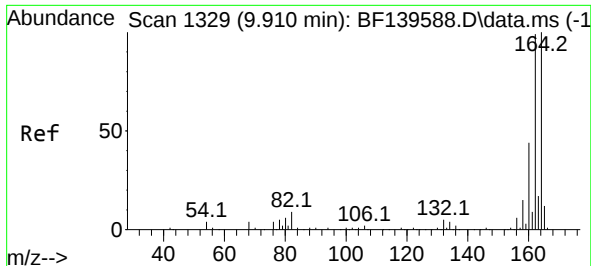
Tgt Ion:122 Resp: 9643
Ion Ratio Lower Upper
122 100
107 0.0 95.4 143.0#
121 0.0 47.4 71.2#



#32
Benzoic acid
Concen: 2.940 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.059 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

Tgt Ion:122 Resp: 9643
Ion Ratio Lower Upper
122 100
105 130.4 104.9 144.9
77 105.3 82.7 122.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

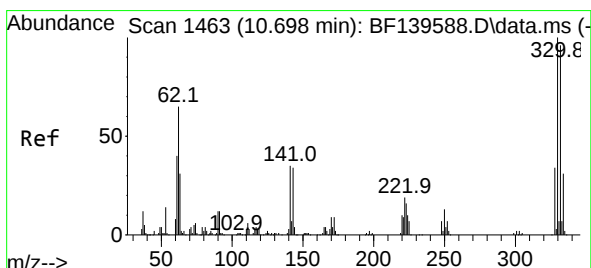
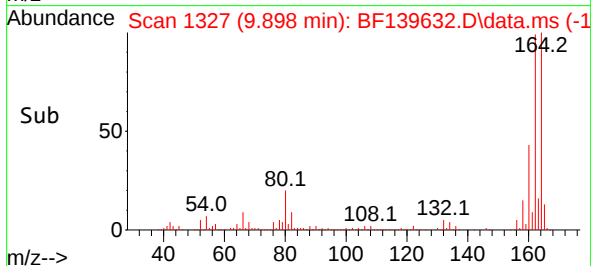
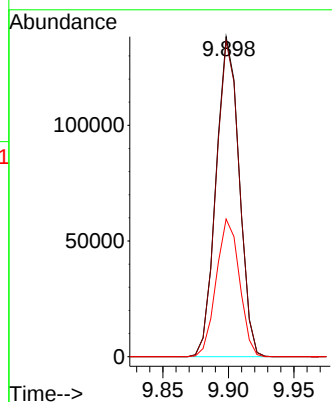
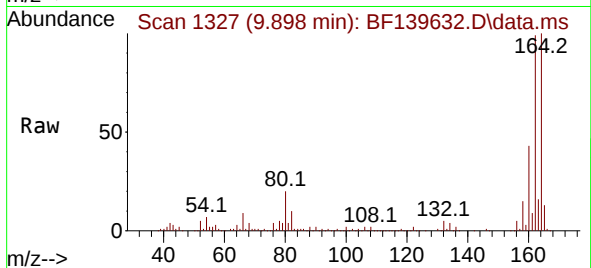
Tgt Ion:164 Resp: 169039

Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 43.0 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 137.127 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

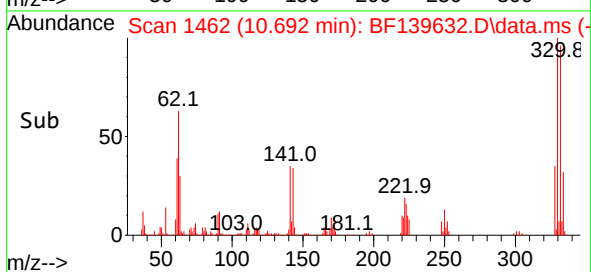
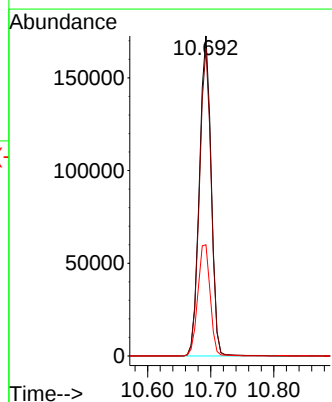
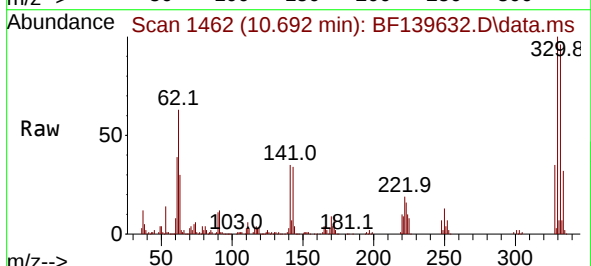
Tgt Ion:330 Resp: 223764

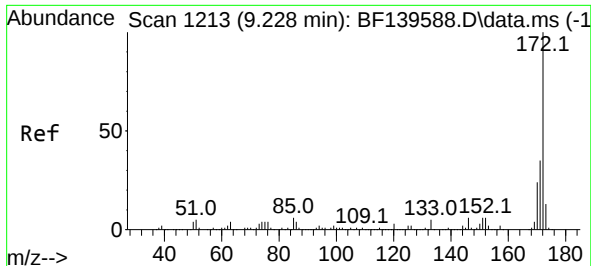
Ion Ratio Lower Upper

330 100

332 95.9 76.5 114.7

141 36.3 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 98.913 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

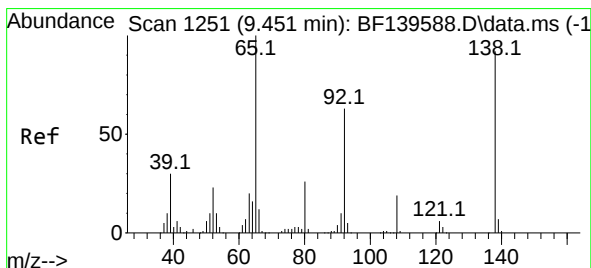
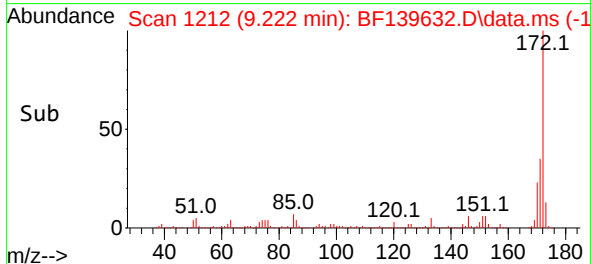
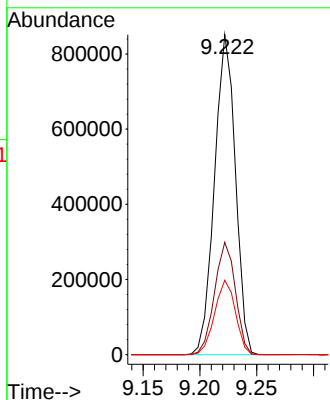
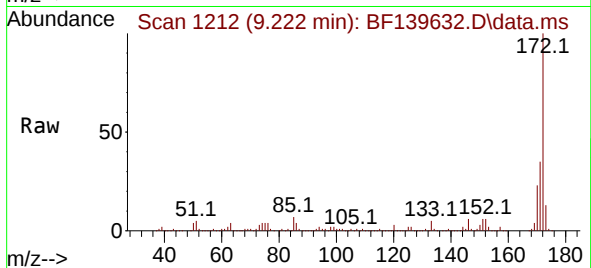
Tgt Ion:172 Resp: 1089128

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.8 28.2



#48

2-Nitroaniline

Concen: 2.632 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.088 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

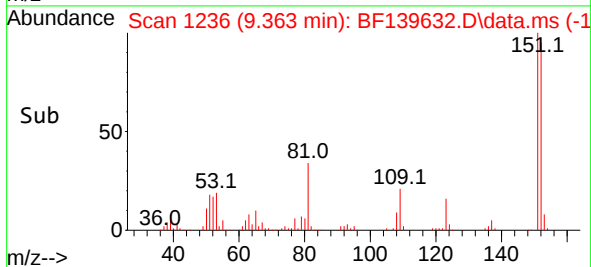
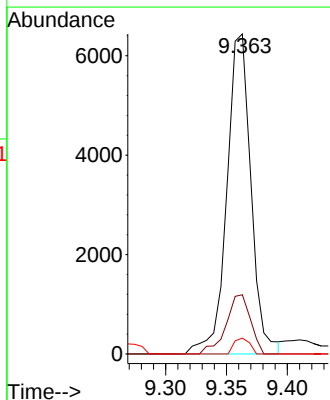
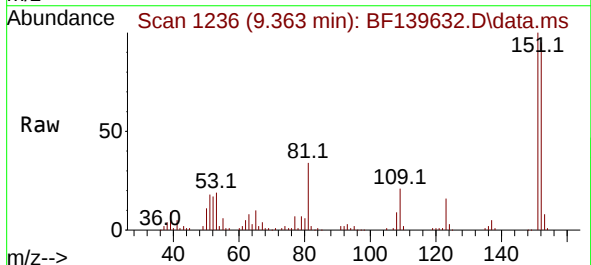
Tgt Ion: 65 Resp: 8906

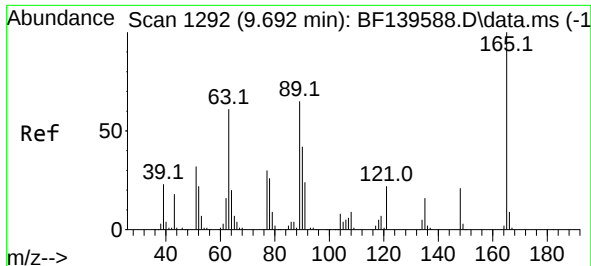
Ion Ratio Lower Upper

65 100

92 18.5 50.0 75.0#

138 4.9 73.8 110.8#

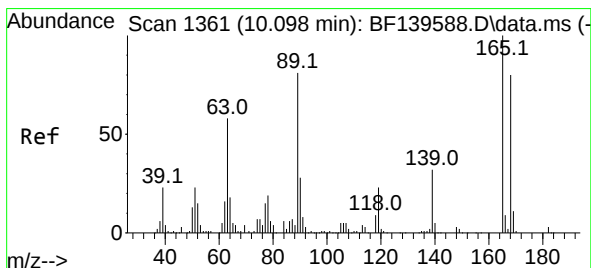
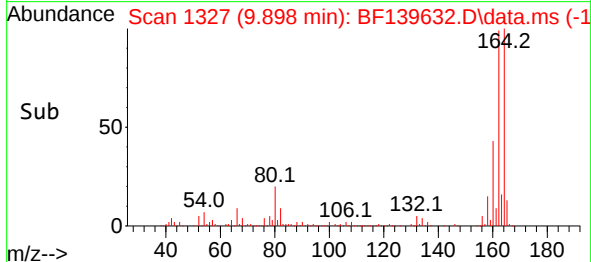
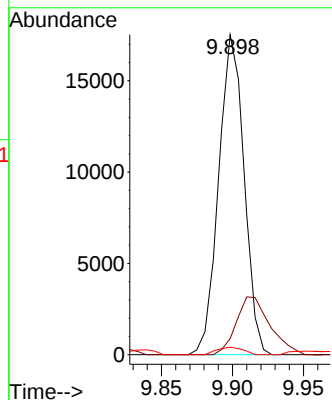
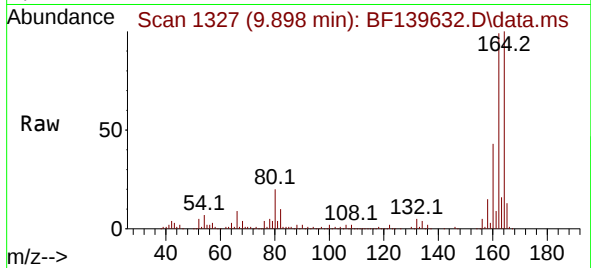




#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

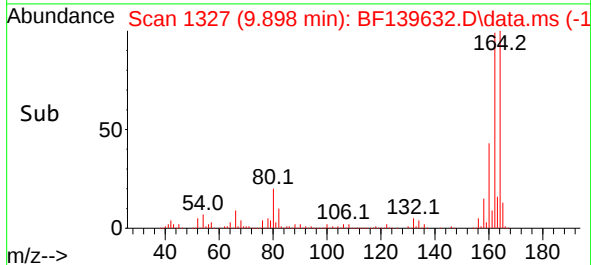
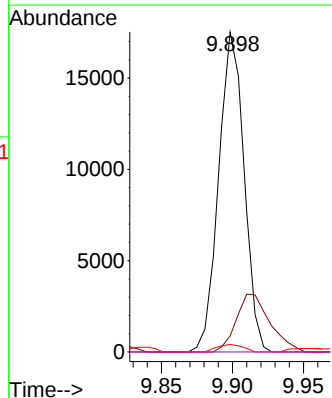
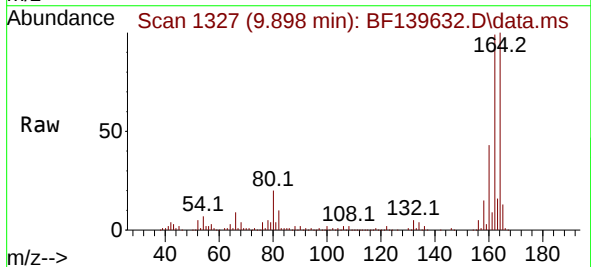
Instrument :
BNA_F
ClientSampleId :
A1403

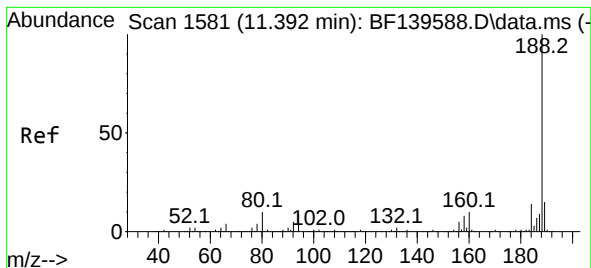
Tgt Ion:165 Resp: 21771
Ion Ratio Lower Upper
165 100
63 5.0 56.7 85.1#
89 2.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139632.D
Acq: 03 Oct 2024 15:37

Tgt Ion:165 Resp: 21771
Ion Ratio Lower Upper
165 100
63 5.0 46.9 70.3#
89 2.3 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

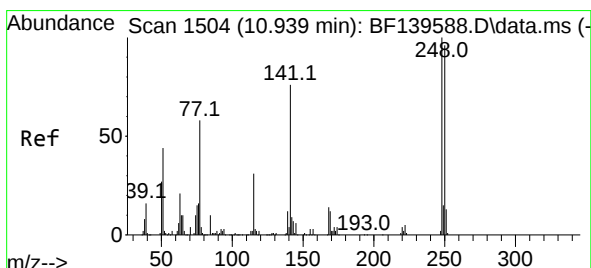
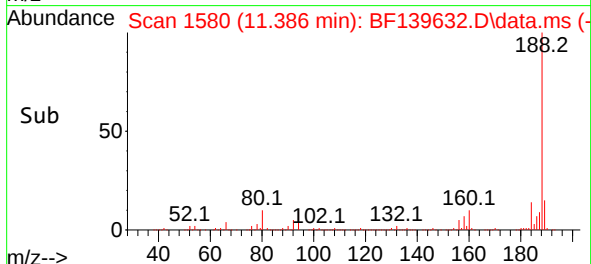
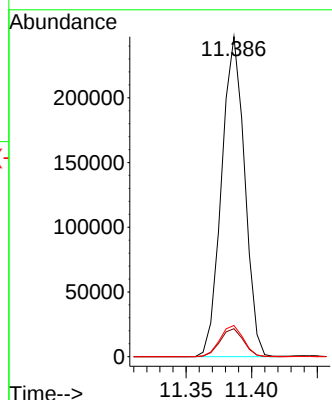
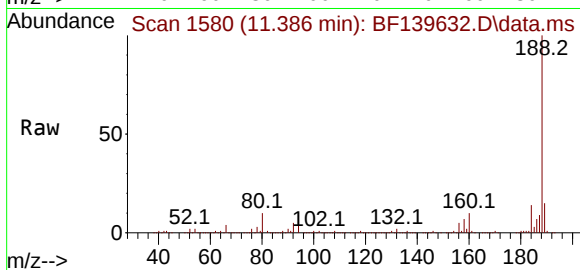
Tgt Ion:188 Resp: 302175

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.8 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 5.196 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

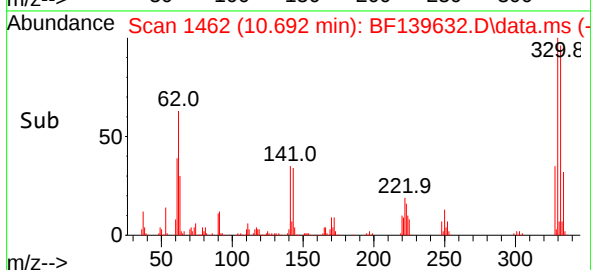
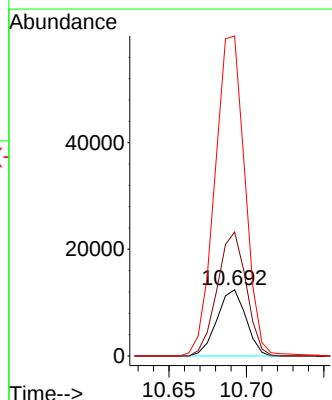
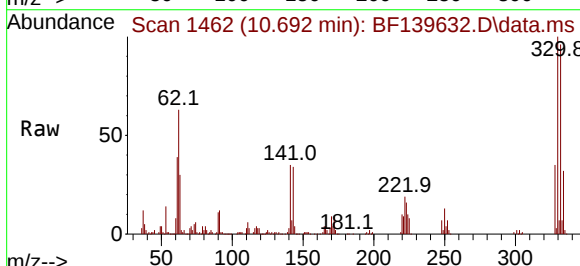
Tgt Ion:248 Resp: 16098

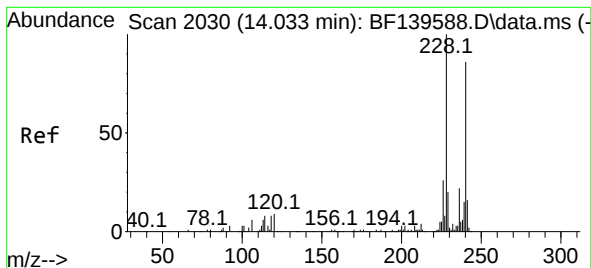
Ion Ratio Lower Upper

248 100

250 187.4 77.1 115.7#

141 483.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

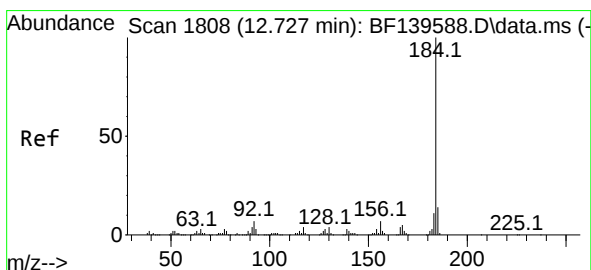
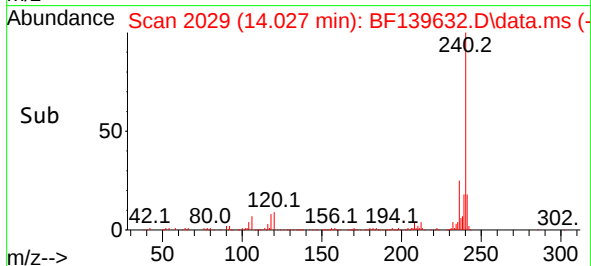
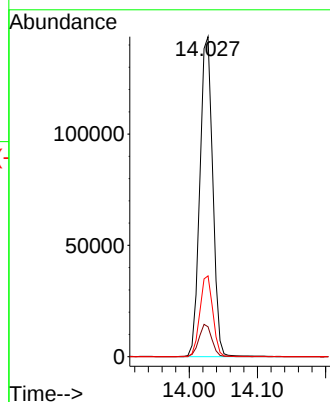
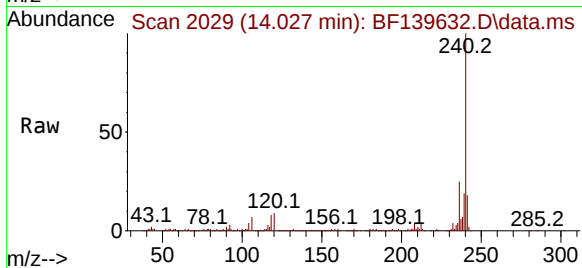
Tgt Ion:240 Resp: 188679

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

236 25.2 20.3 30.5



#77

Benzdine

Concen: 4.673 ng

RT: 12.975 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

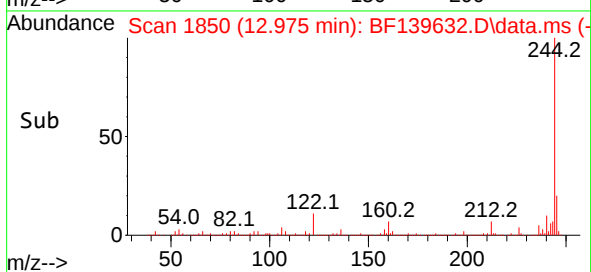
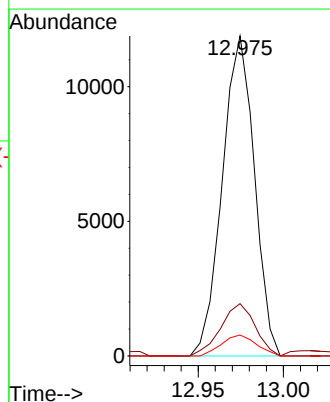
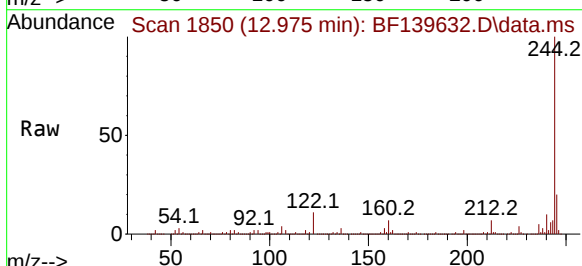
Tgt Ion:184 Resp: 15552

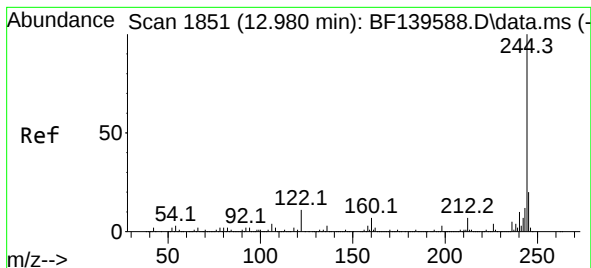
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.0

183 6.6 8.8 13.2#





#79

Terphenyl-d14

Concen: 93.777 ng

RT: 12.975 min Scan# 1851

Delta R.T. -0.005 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403

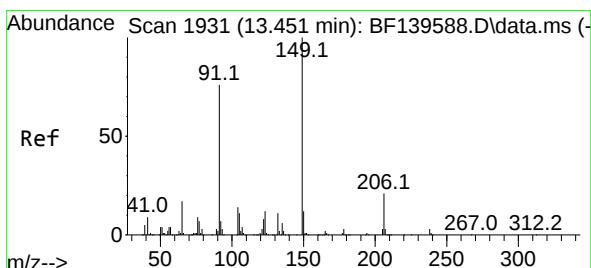
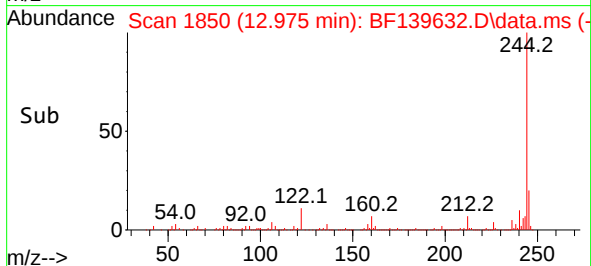
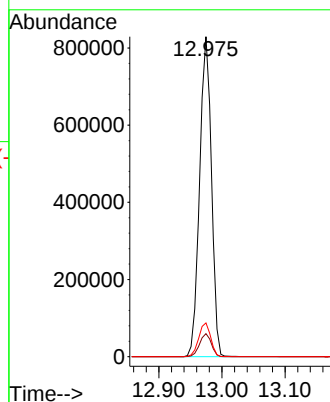
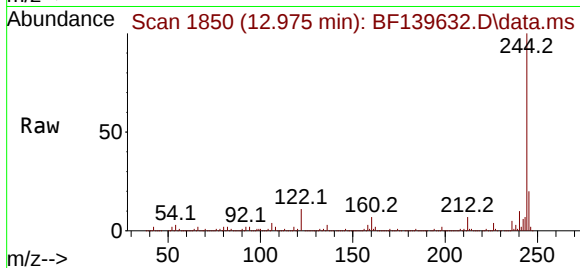
Tgt Ion:244 Resp: 1078338

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.5 8.6 12.8



#80

Butylbenzylphthalate

Concen: 43.923 ng

RT: 13.422 min Scan# 1926

Delta R.T. -0.029 min

Lab File: BF139632.D

Acq: 03 Oct 2024 15:37

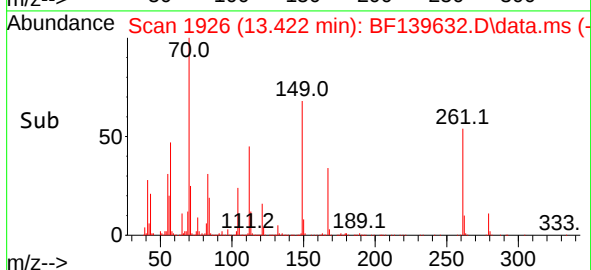
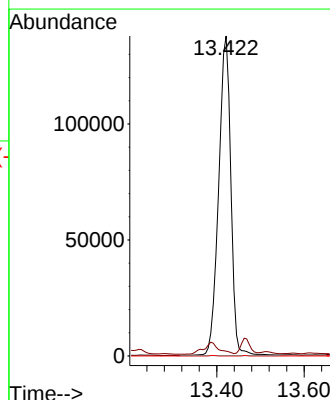
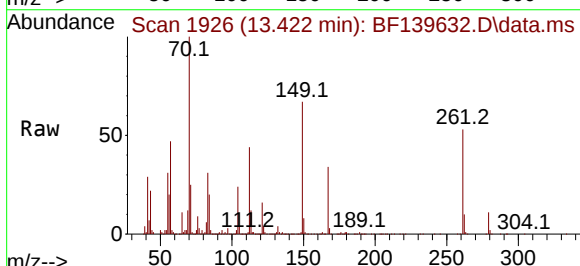
Tgt Ion:149 Resp: 265124

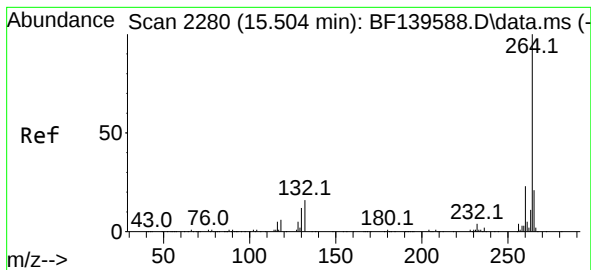
Ion Ratio Lower Upper

149 100

91 1.5 61.0 91.4#

206 0.0 16.6 24.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139632.D

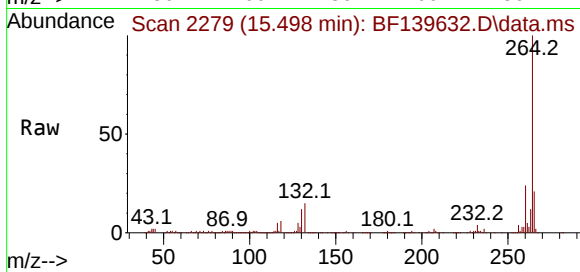
Acq: 03 Oct 2024 15:37

Instrument :

BNA_F

ClientSampleId :

A1403



Tgt Ion:264 Resp: 193223

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.3 16.9 25.3

