

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
 Data File : BF139791.D
 Acq On : 14 Oct 2024 16:29
 Operator : RC/JU
 Sample : P4375-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POST-3

Quant Time: Oct 14 16:54:55 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)

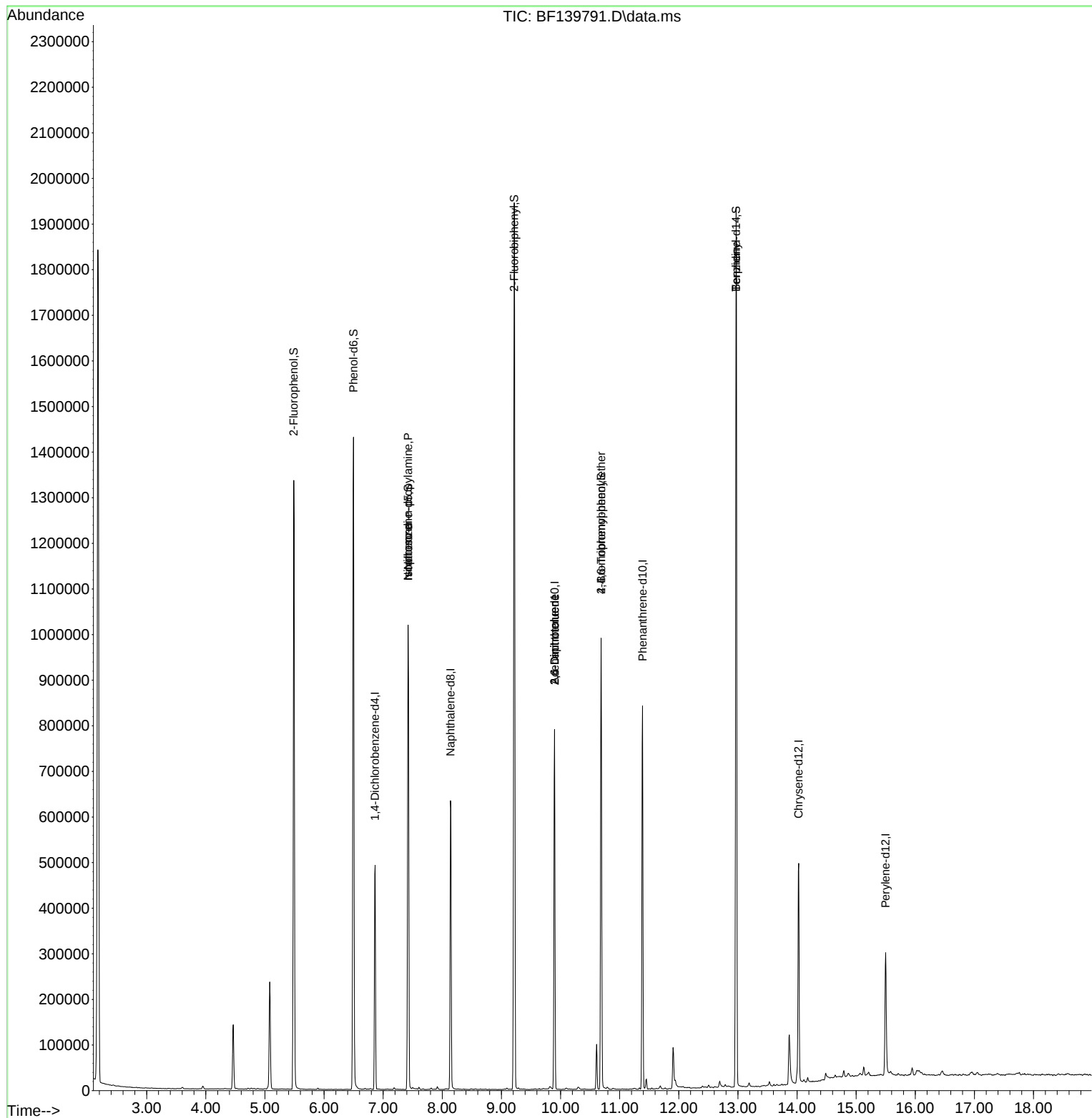
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	101274	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	400172	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	231581	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	446363	20.000	ng	0.00
76) Chrysene-d12	14.027	240	242685	20.000	ng	0.00
86) Perylene-d12	15.498	264	164587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	473391	81.018	ng	0.00
7) Phenol-d6	6.498	99	666310	84.798	ng	0.00
23) Nitrobenzene-d5	7.422	82	445991	56.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	153152	68.508	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	861557	57.114	ng	-0.01
79) Terphenyl-d14	12.969	244	956503	64.671	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	59194	11.717	ng	# 75
25) Isophorone	7.422	82	442784	31.542	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	30199	8.819	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	30199	6.747	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	10355	2.263	ng	# 1
77) Benzidine	12.969	184	12624	2.949	ng	# 92

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

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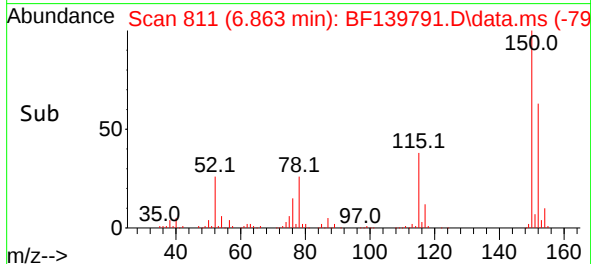
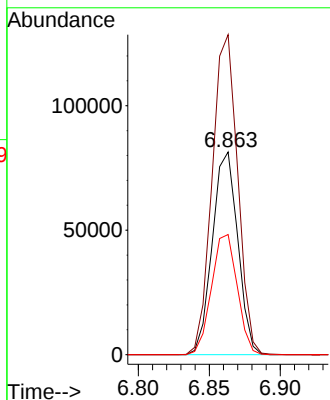
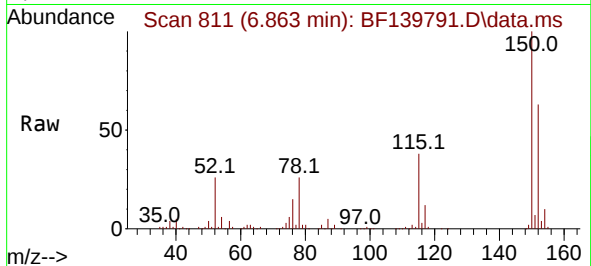




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

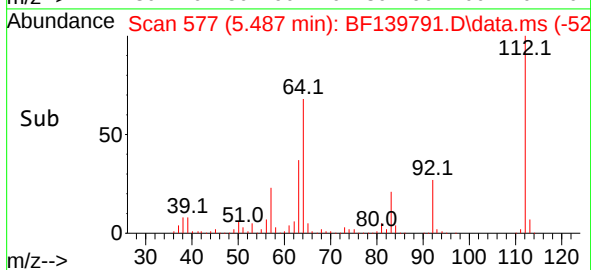
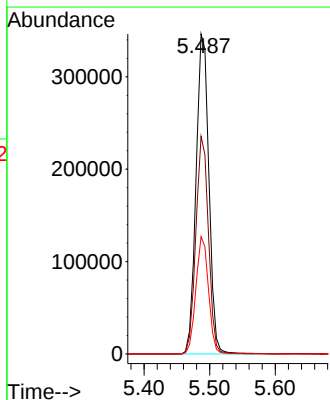
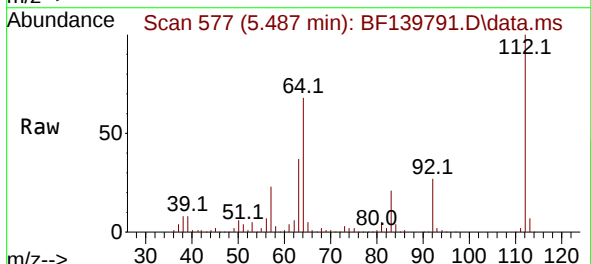
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

Tgt Ion:152 Resp: 101274
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 59.3 49.0 73.4



#5
2-Fluorophenol
Concen: 81.018 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion:112 Resp: 473391
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 36.7 29.4 44.2

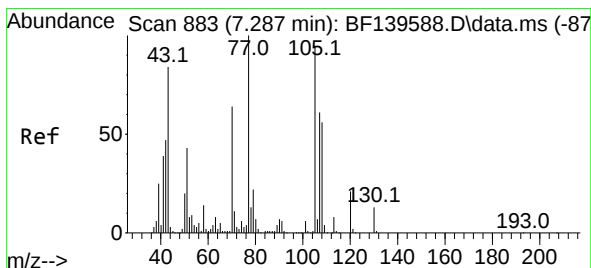
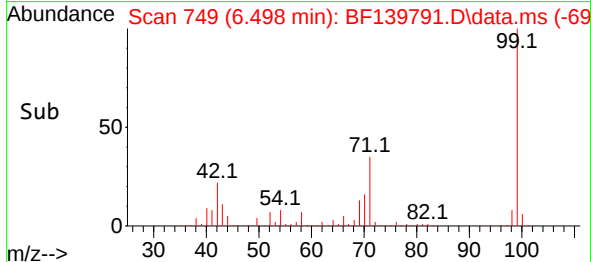
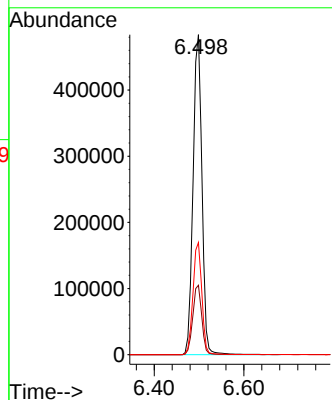
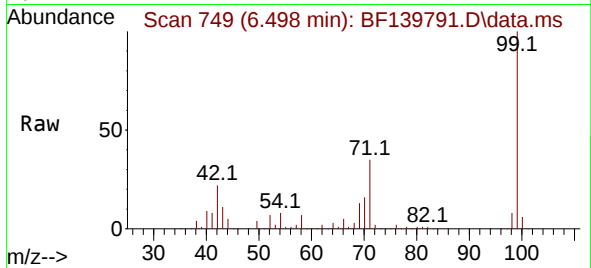




#7
Phenol-d6
Concen: 84.798 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

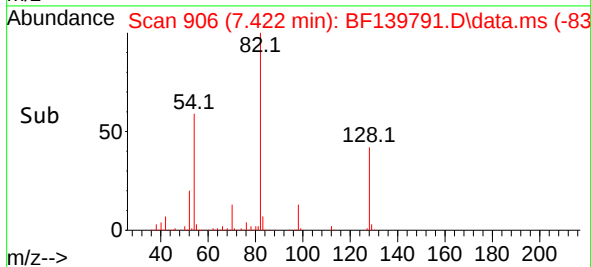
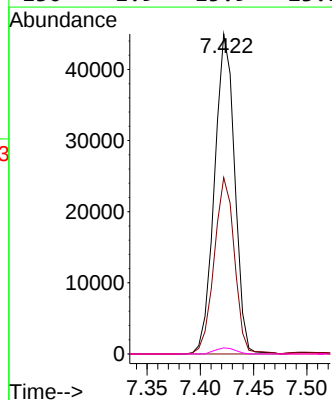
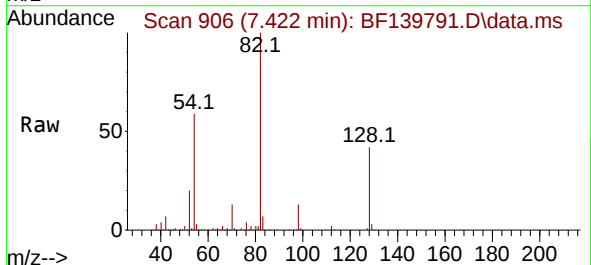
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

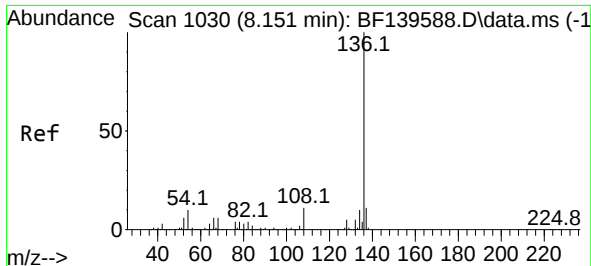
Tgt Ion: 99 Resp: 666310
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 35.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.717 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion: 70 Resp: 59194
Ion Ratio Lower Upper
70 100
42 55.1 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



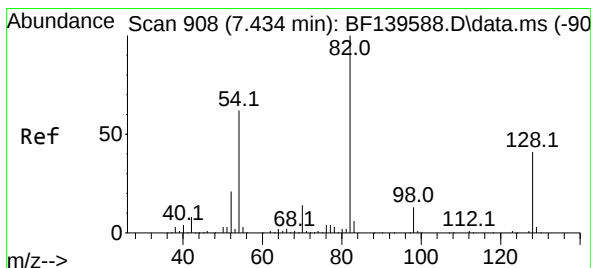
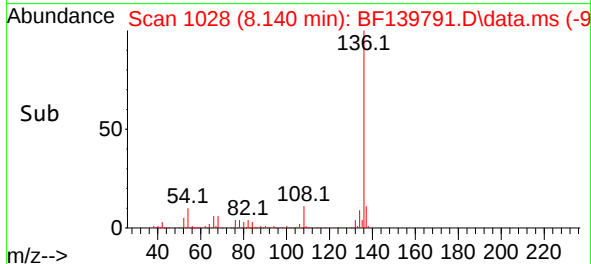
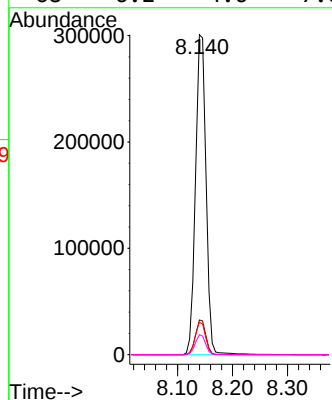
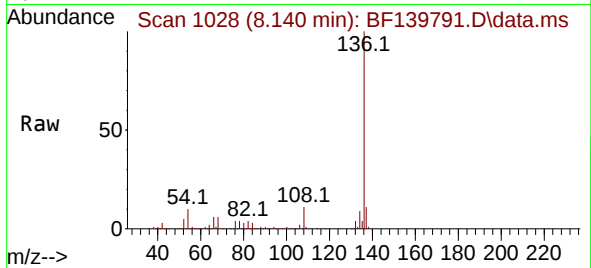


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

Tgt Ion:136 Resp: 400172

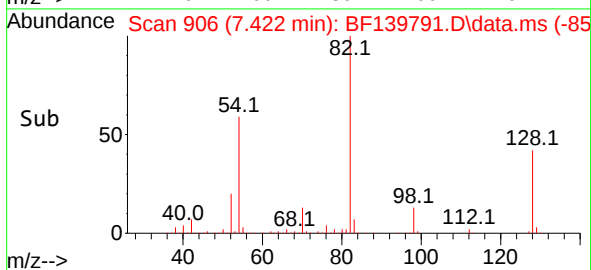
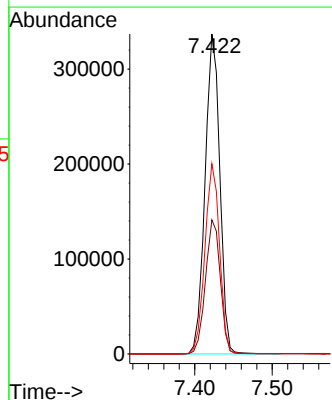
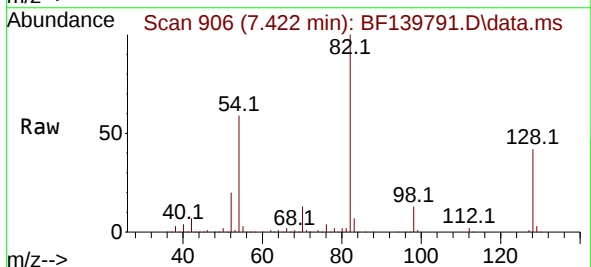
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.2	8.3	12.5
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 56.427 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion: 82 Resp: 445991

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.4	48.6
54	59.5	49.1	73.7

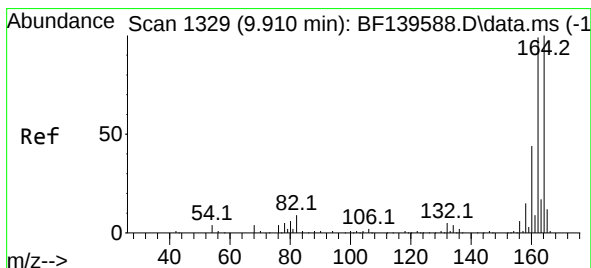
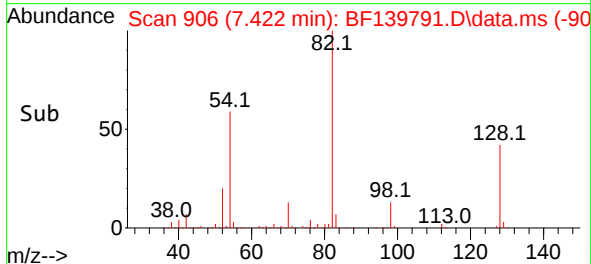
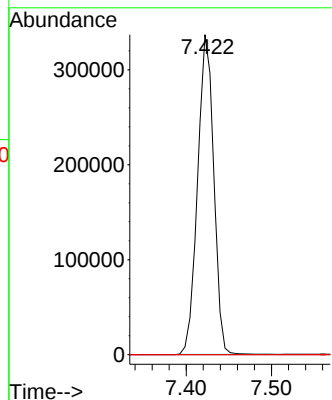
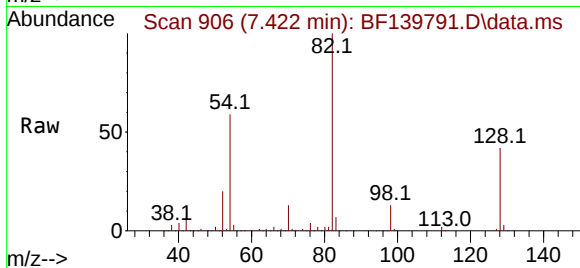




#25
Isophorone
Concen: 31.542 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

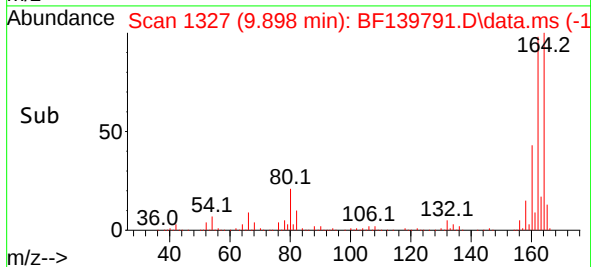
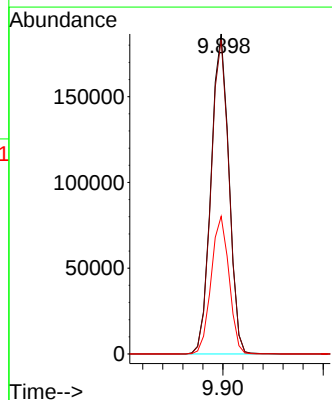
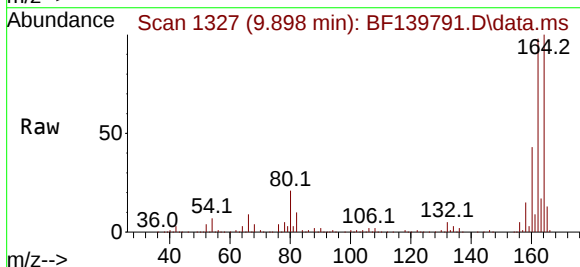
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

Tgt Ion: 82 Resp: 442784
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

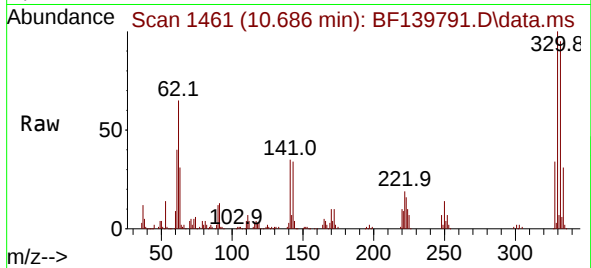
Tgt Ion:164 Resp: 231581
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.0
160 43.0 35.1 52.7



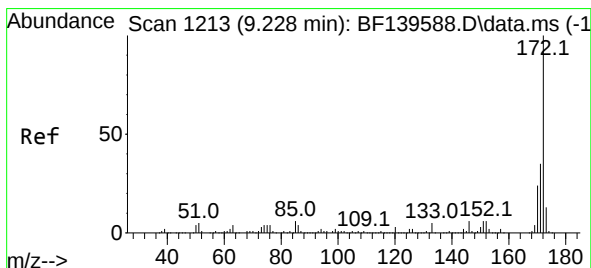
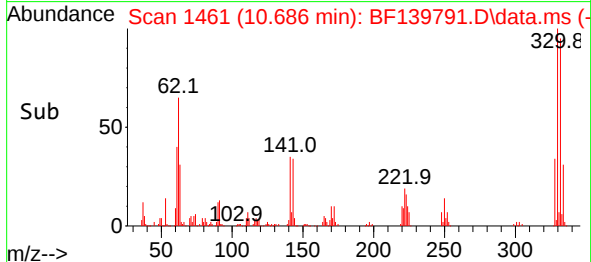
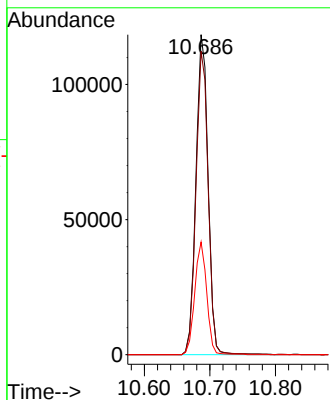


#42
2,4,6-Tribromophenol
Concen: 68.508 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
FENCE-POST-3

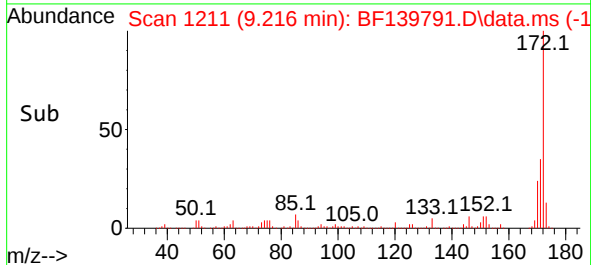
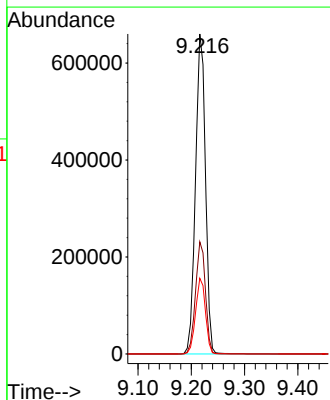
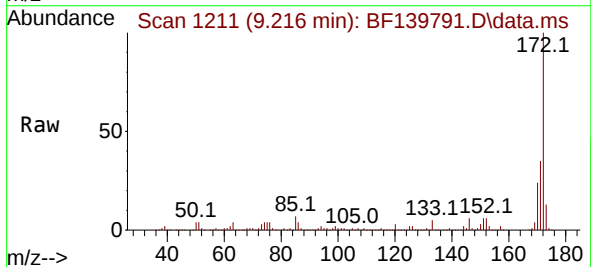


Tgt Ion:330 Resp: 153152
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 57.114 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139791.D
Acq: 14 Oct 2024 16:29

Tgt Ion:172 Resp: 861557
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.819 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-3

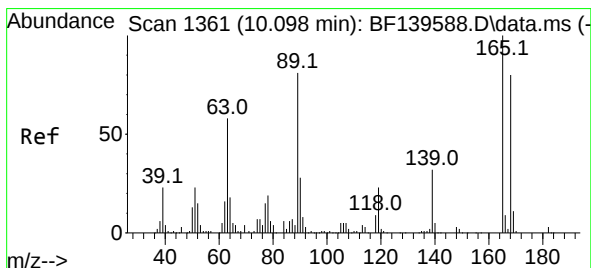
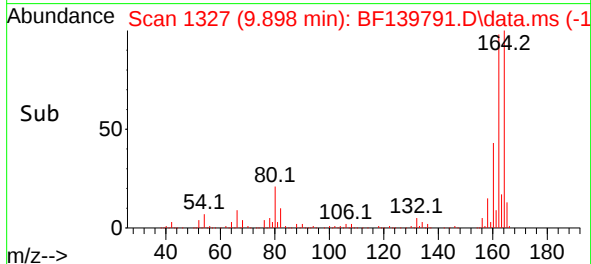
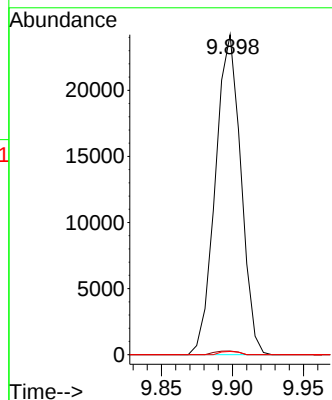
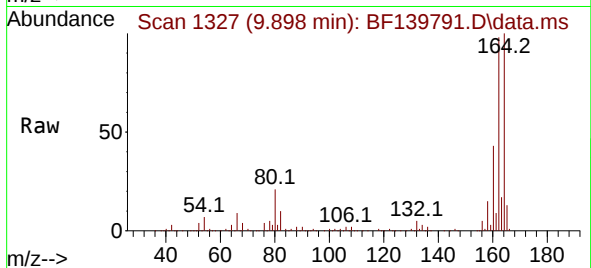
Tgt Ion:165 Resp: 30199

Ion Ratio Lower Upper

165 100

63 1.2 56.7 85.1#

89 1.0 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.747 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

Tgt Ion:165 Resp: 30199

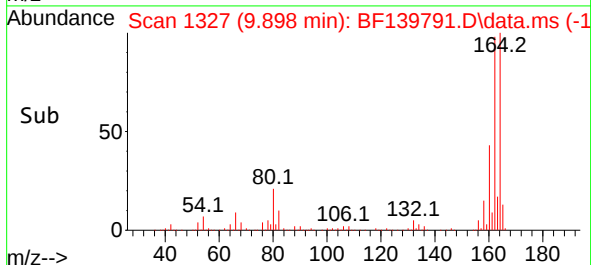
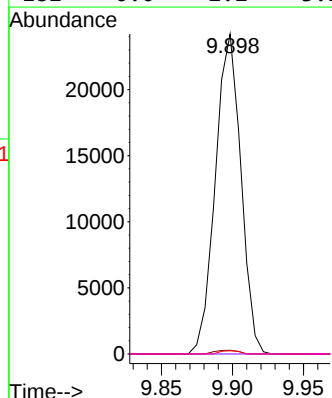
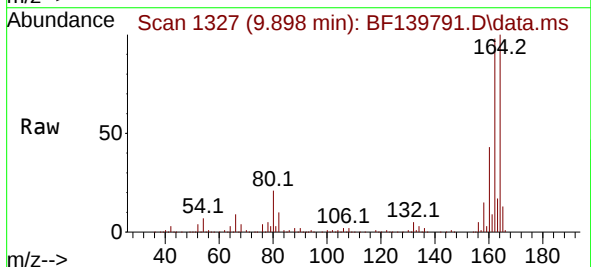
Ion Ratio Lower Upper

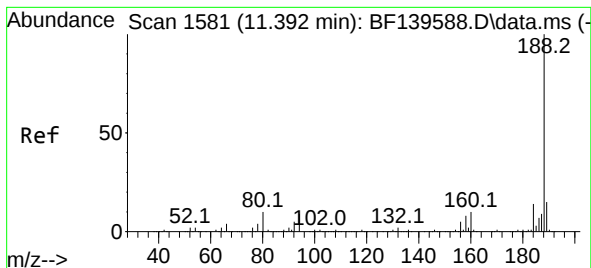
165 100

63 1.2 46.9 70.3#

89 1.0 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: BF139791.D

Acq: 14 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-3

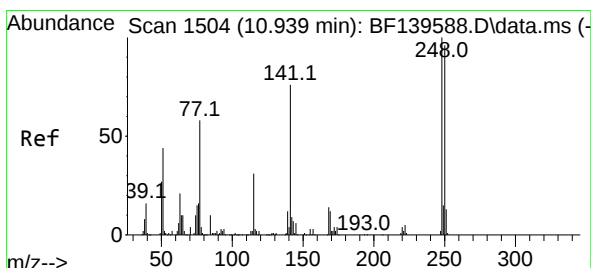
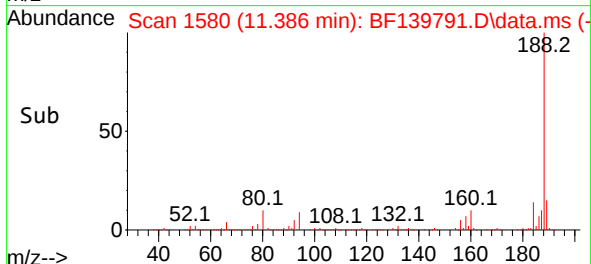
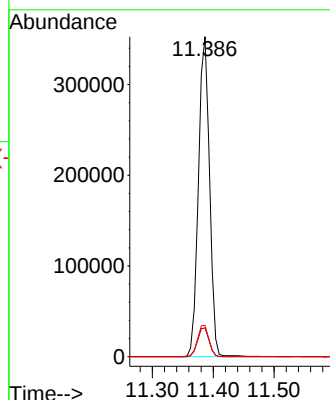
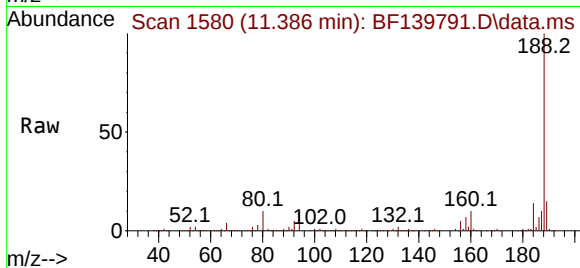
Tgt Ion:188 Resp: 446363

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.8 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 2.263 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

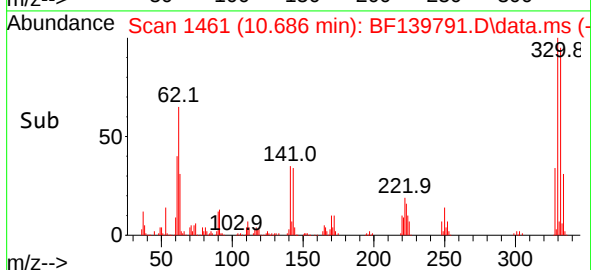
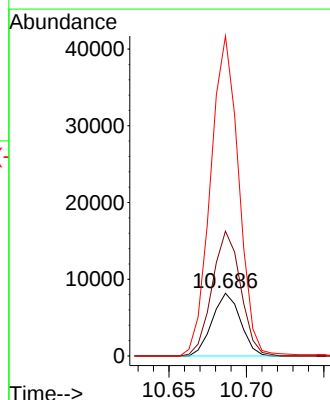
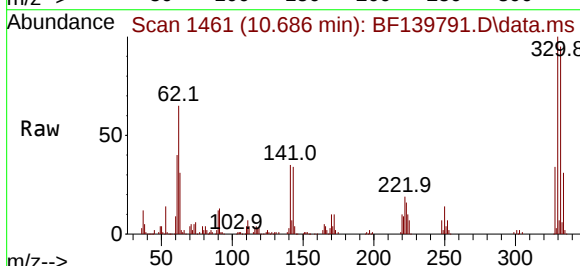
Tgt Ion:248 Resp: 10355

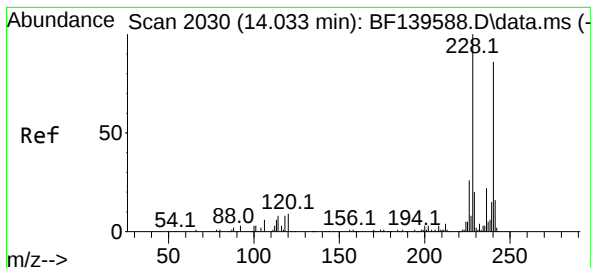
Ion Ratio Lower Upper

248 100

250 199.2 77.1 115.7#

141 510.6 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-3

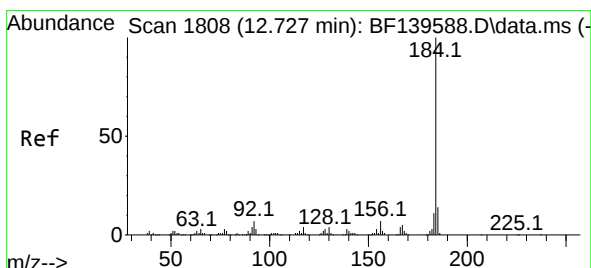
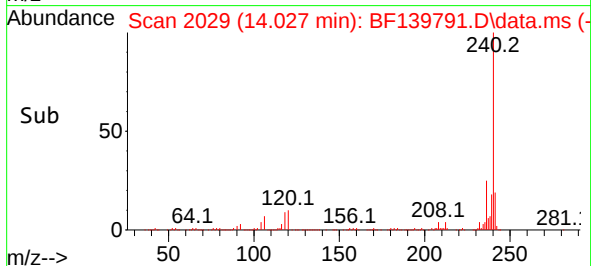
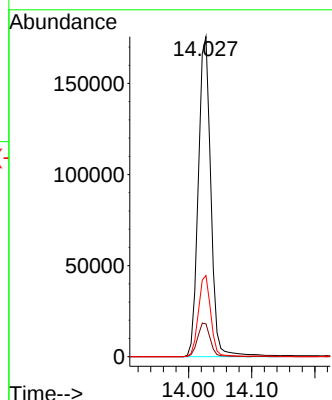
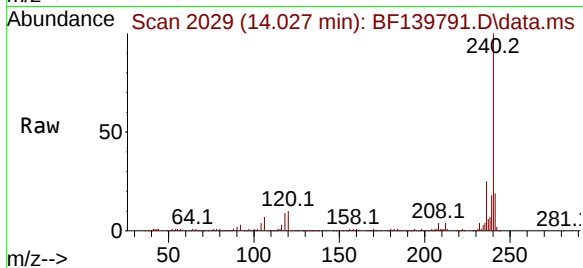
Tgt Ion:240 Resp: 242685

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.4 20.3 30.5



#77

Benzidine

Concen: 2.949 ng

RT: 12.969 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139791.D

Acq: 14 Oct 2024 16:29

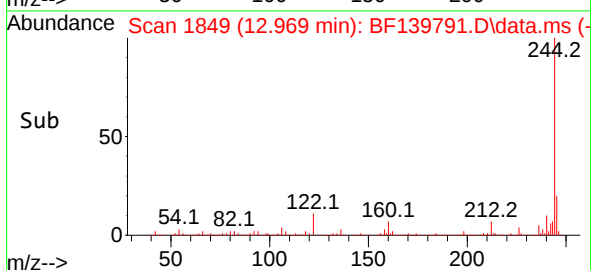
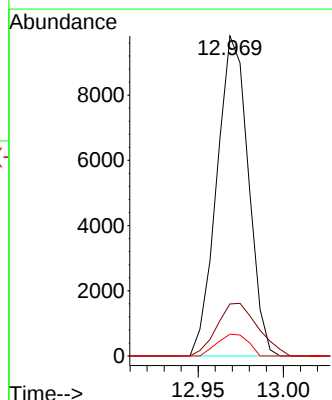
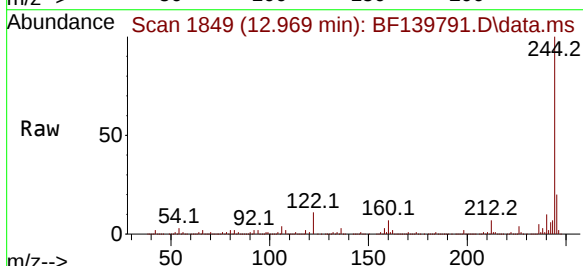
Tgt Ion:184 Resp: 12624

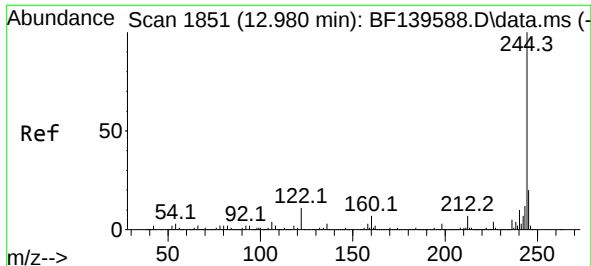
Ion Ratio Lower Upper

184 100

185 16.3 11.4 17.0

183 6.8 8.8 13.2#

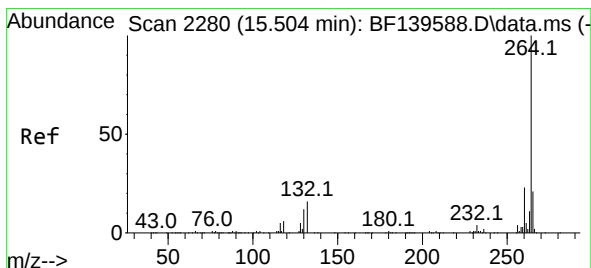
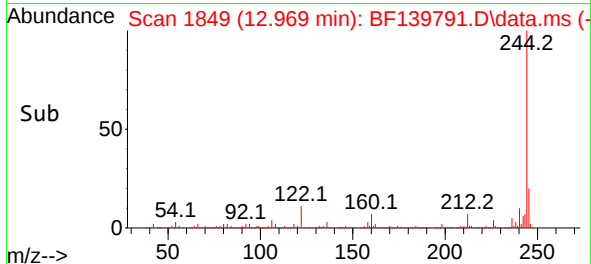
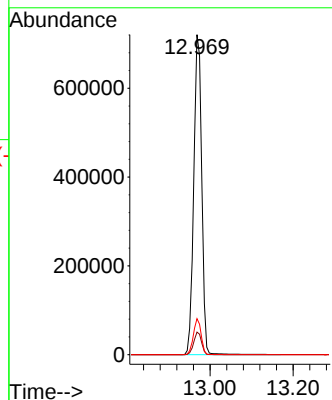
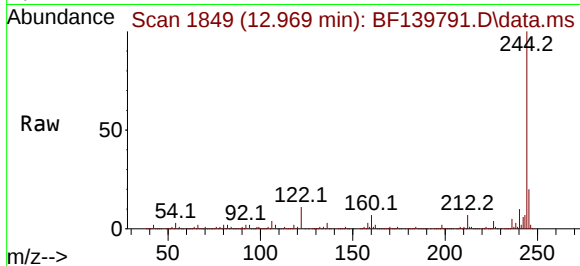




#79
 Terphenyl-d14
 Concen: 64.671 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF139791.D
 Acq: 14 Oct 2024 16:29

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POST-3

Tgt Ion:244 Resp: 956503
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139791.D
 Acq: 14 Oct 2024 16:29

Tgt Ion:264 Resp: 164587
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.2 16.9 25.3

