

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139486.D
 Acq On : 20 Sep 2024 02:02
 Operator : RC/JU
 Sample : P4089-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 365-351-294

Quant Time: Sep 20 02:26:37 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)

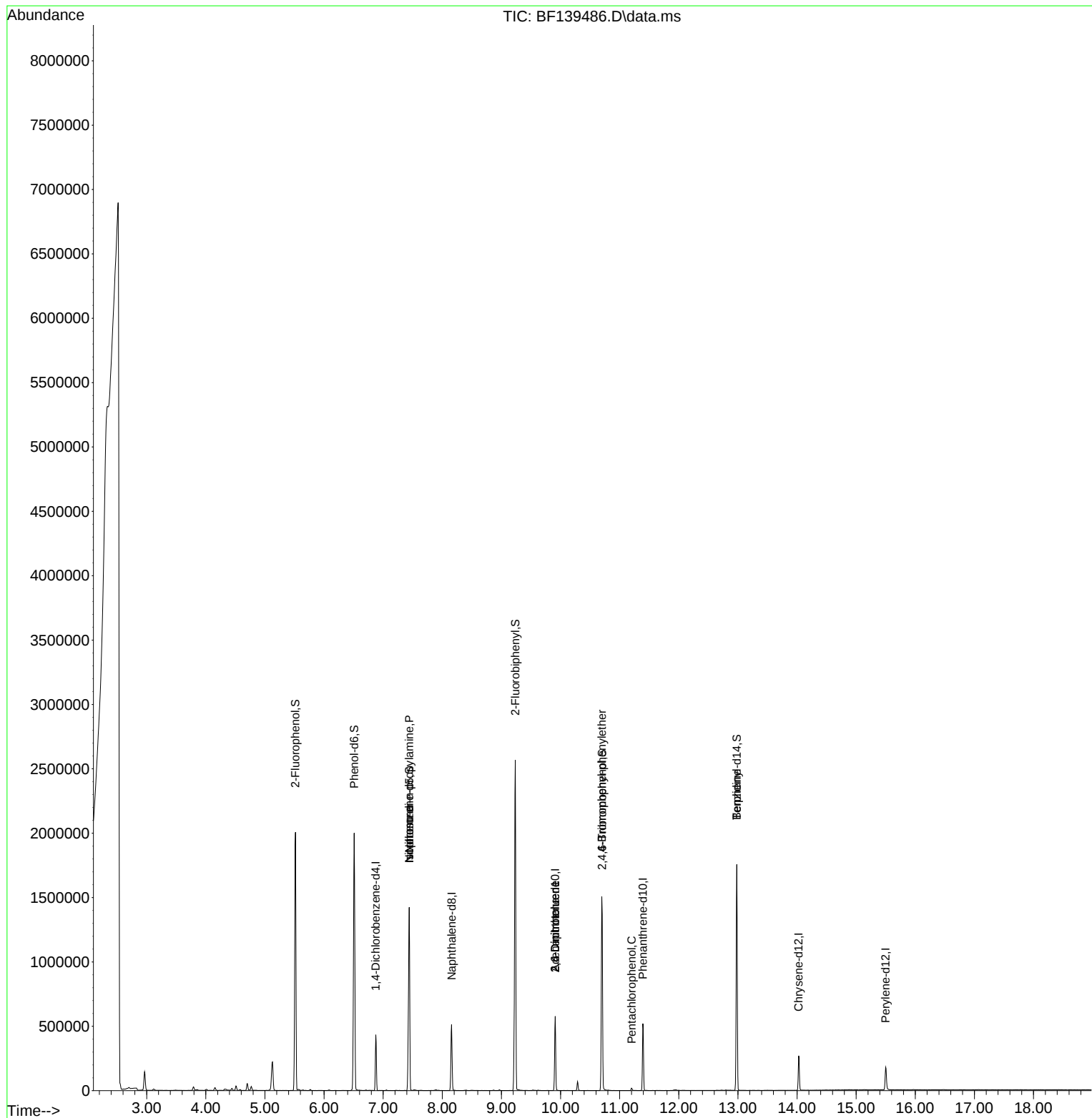
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84503	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	317732	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	169699	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	274758	20.000	ng	0.00
76) Chrysene-d12	14.027	240	131724	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	106520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	715409	138.111	ng	0.02
7) Phenol-d6	6.510	99	945119	139.008	ng	0.00
23) Nitrobenzene-d5	7.440	82	669741	99.095	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	237919	131.691	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1215233	100.436	ng	0.00
79) Terphenyl-d14	12.980	244	832130	103.690	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	94043	23.341	ng	# 74
25) Isophorone	7.440	82	666786	62.382	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21789	8.831	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21789	6.541	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	16317	5.993	ng	# 1
70) Pentachlorophenol	11.204	266	4281	2.233	ng	96
77) Benzidine	12.980	184	12166	6.447	ng	# 93

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

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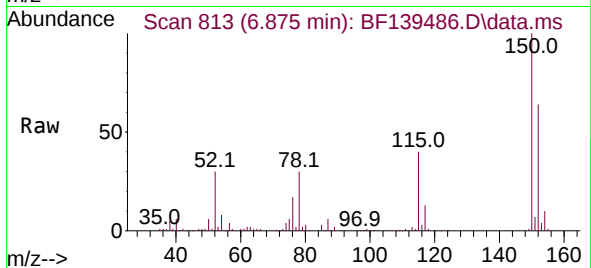
Quant Time: Sep 20 02:26:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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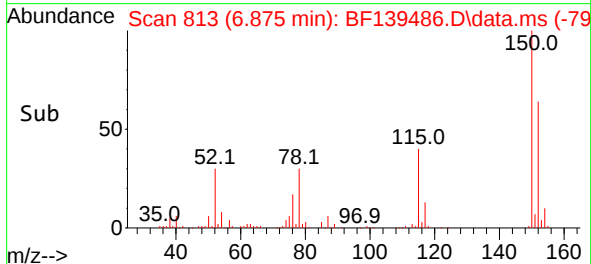
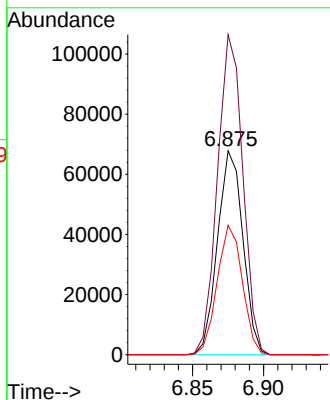


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Instrument :
BNA_F
ClientSampleId :
365-351-294

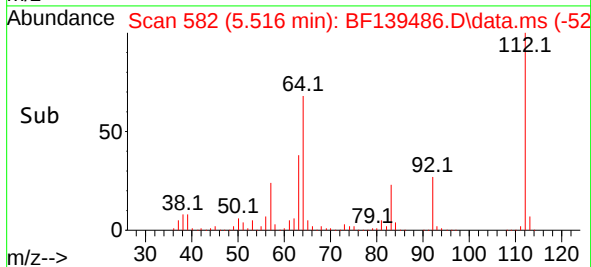
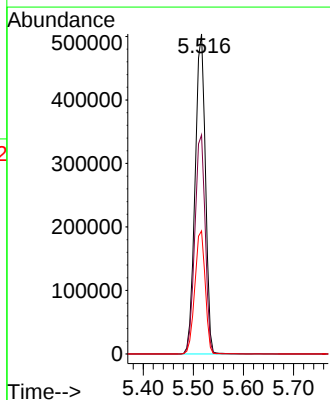
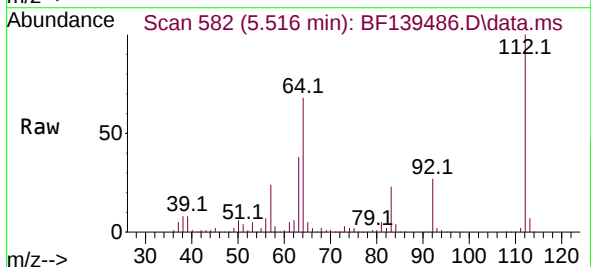


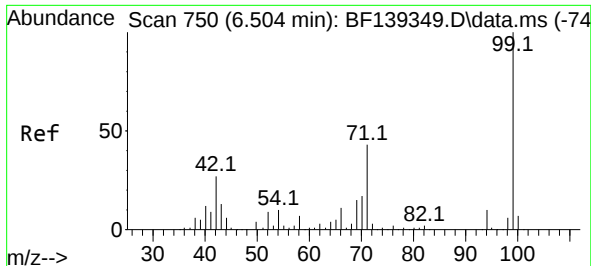
Tgt Ion:152 Resp: 84503
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 63.5 48.1 72.1



#5
2-Fluorophenol
Concen: 138.111 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Tgt Ion:112 Resp: 715409
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 38.5 33.0 49.4

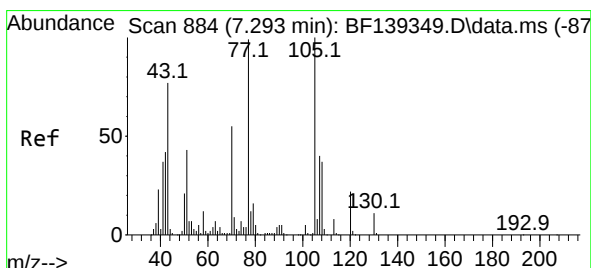
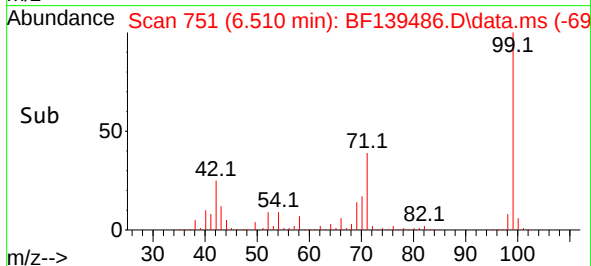
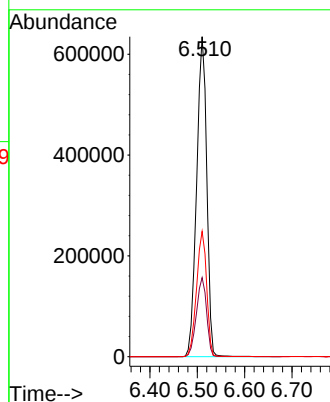
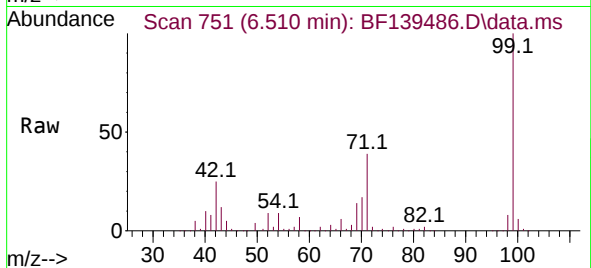




#7
Phenol-d6
Concen: 139.008 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

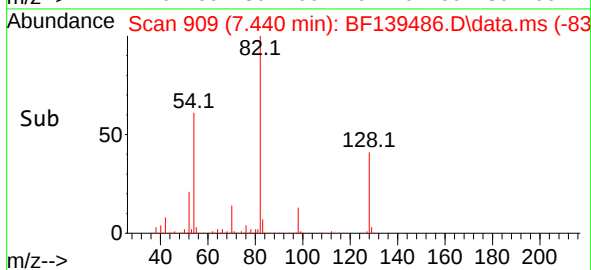
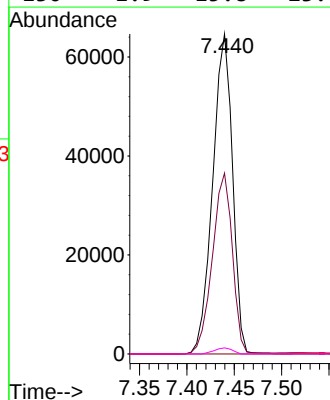
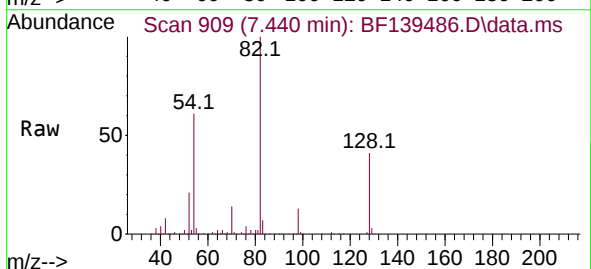
Instrument :
BNA_F
ClientSampleId :
365-351-294

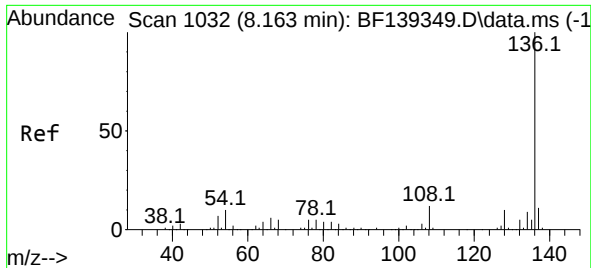
Tgt Ion: 99 Resp: 945119
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 39.2 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.341 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Tgt Ion: 70 Resp: 94043
Ion Ratio Lower Upper
70 100
42 56.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#



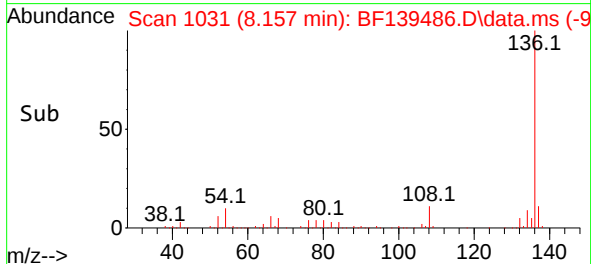
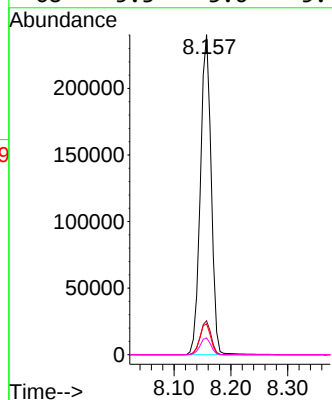
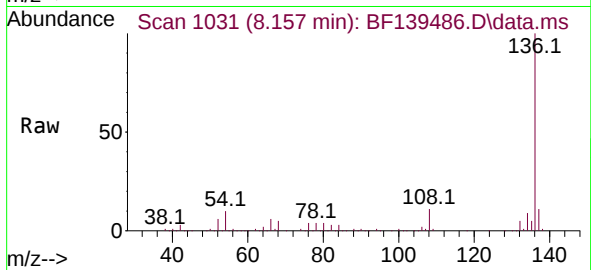


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Instrument :
BNA_F
ClientSampleId :
365-351-294

Tgt Ion:136 Resp: 317732

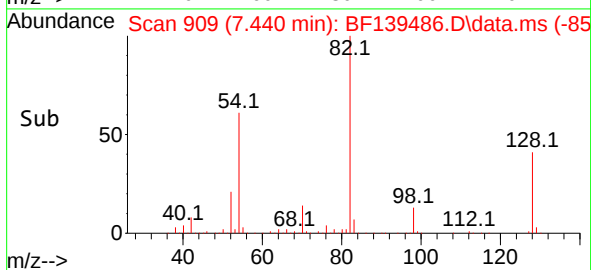
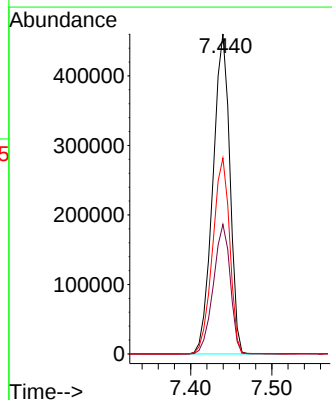
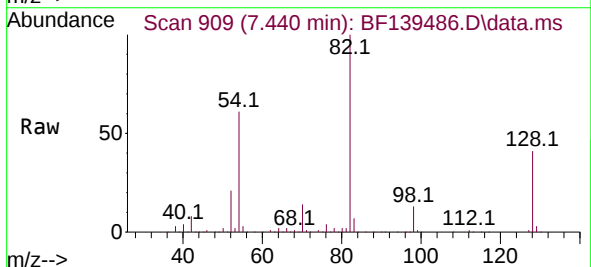
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.7	7.8	11.8
68	5.3	3.6	5.4

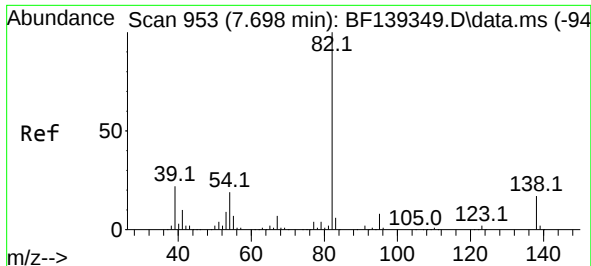


#23
Nitrobenzene-d5
Concen: 99.095 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Tgt Ion: 82 Resp: 669741

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	61.2	50.6	75.8

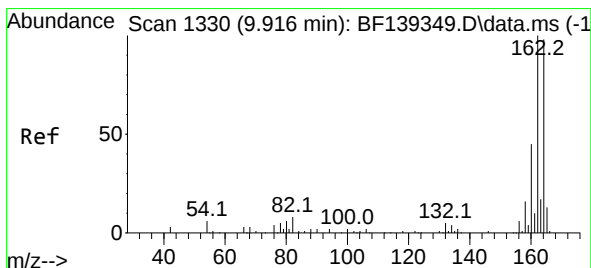
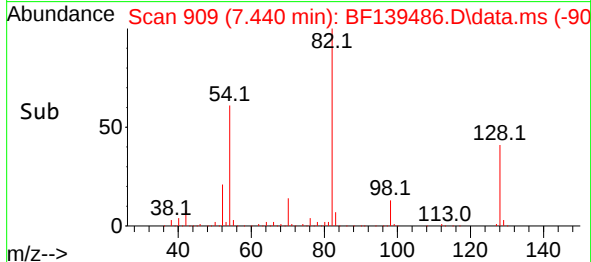
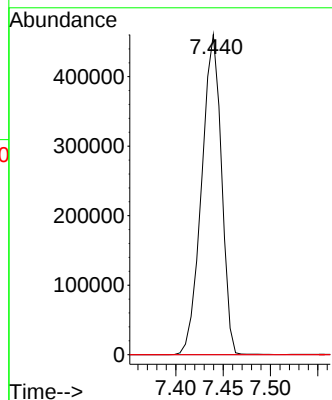
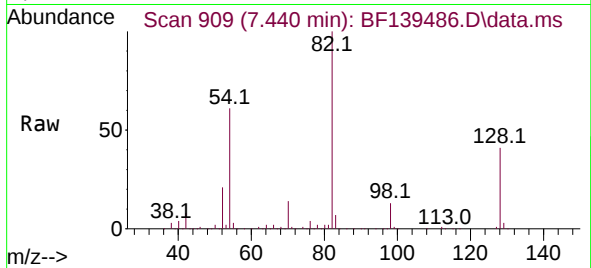




#25
Isophorone
Concen: 62.382 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

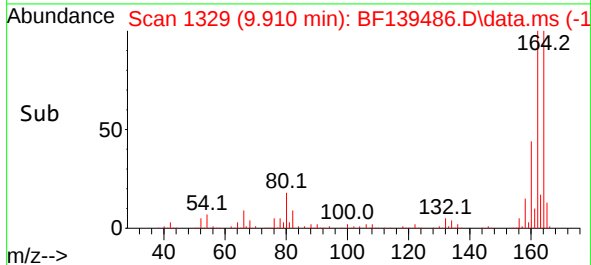
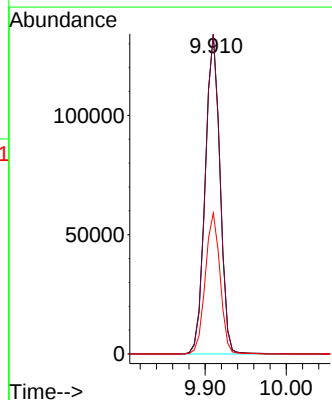
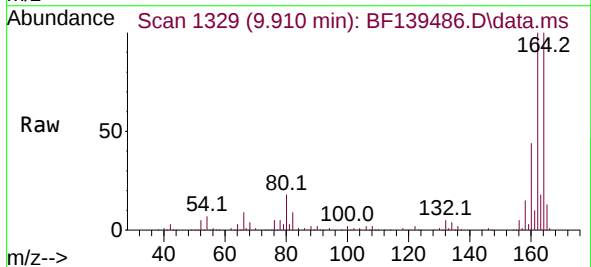
Instrument :
BNA_F
ClientSampleId :
365-351-294

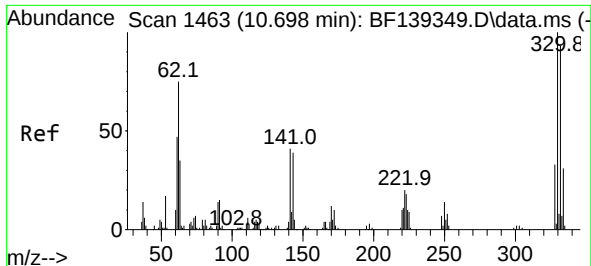
Tgt Ion: 82 Resp: 666786
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Tgt Ion:164 Resp: 169699
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 131.691 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139486.D

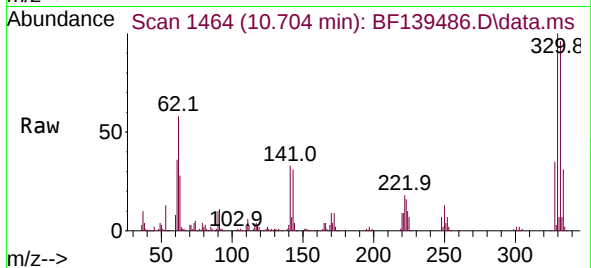
Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294



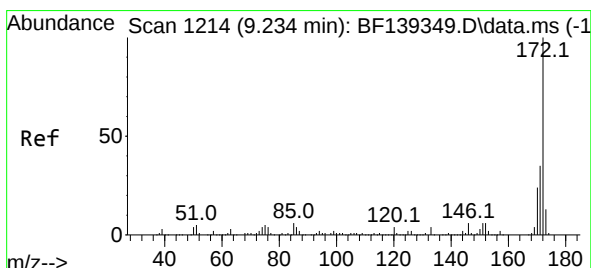
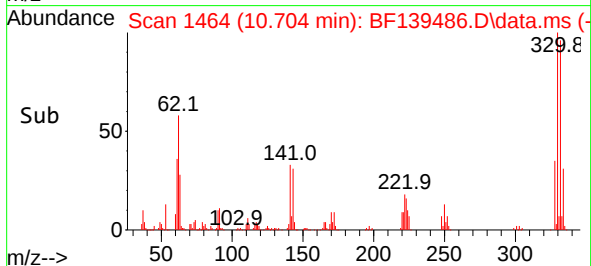
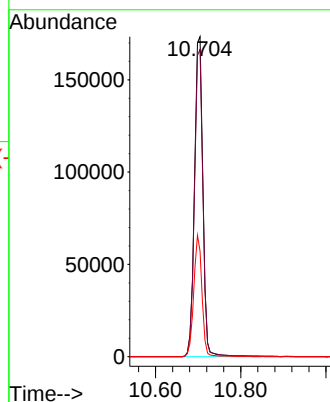
Tgt Ion:330 Resp: 237919

Ion Ratio Lower Upper

330 100

332 95.6 75.2 112.8

141 36.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 100.436 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

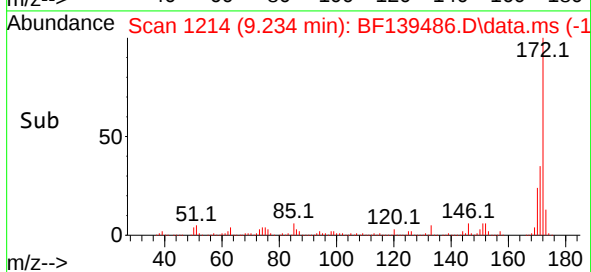
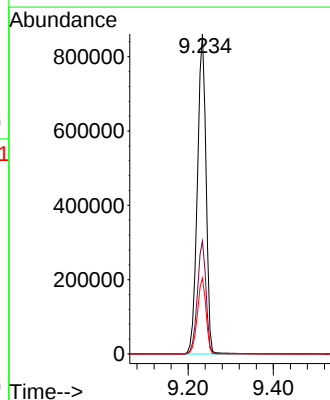
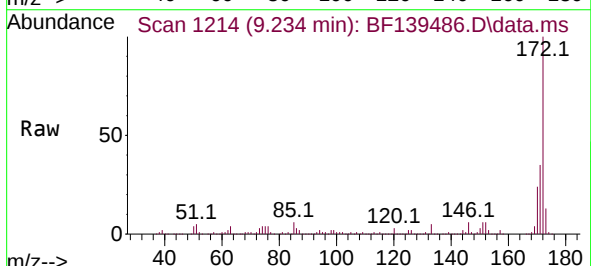
Tgt Ion:172 Resp: 1215233

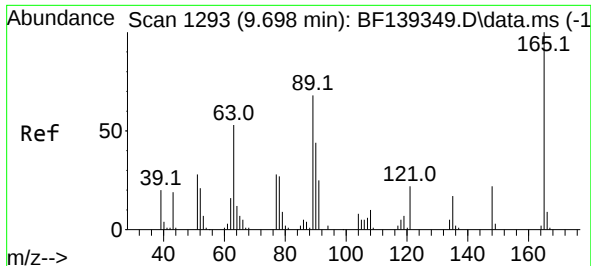
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.0 28.6

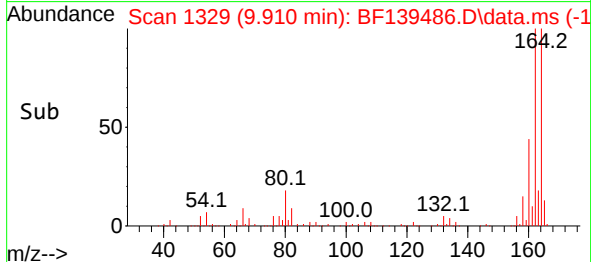
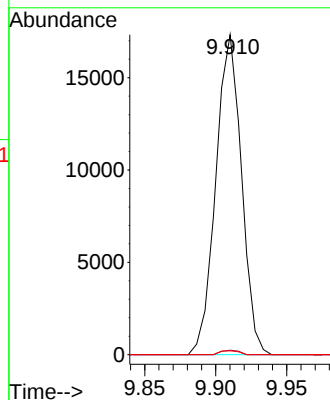
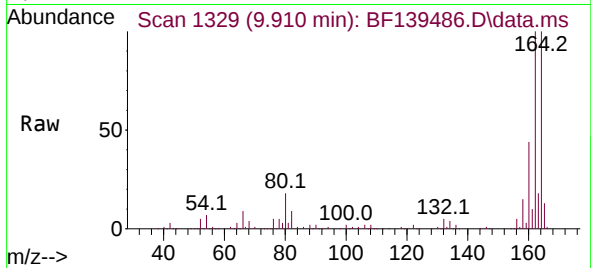




#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

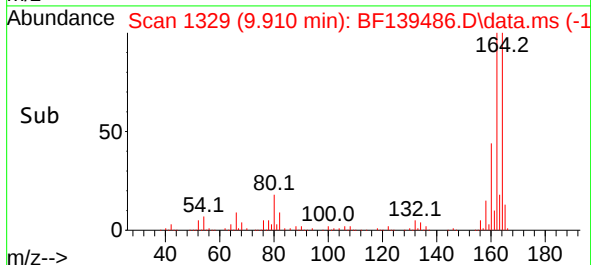
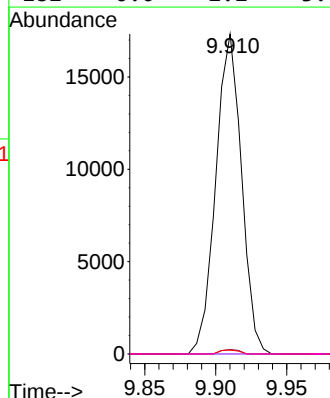
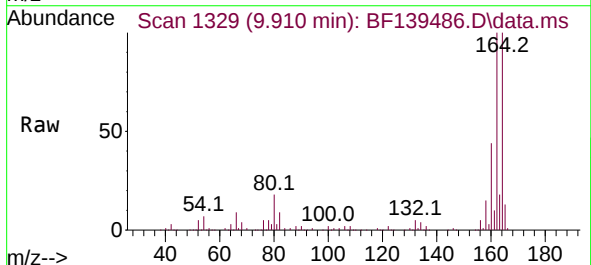
Instrument :
BNA_F
ClientSampleId :
365-351-294

Tgt Ion:165 Resp: 21789
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.2 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Tgt Ion:165 Resp: 21789
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.2 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294

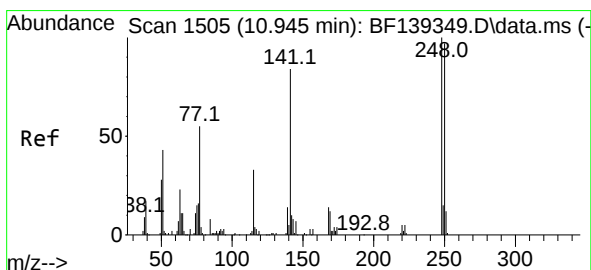
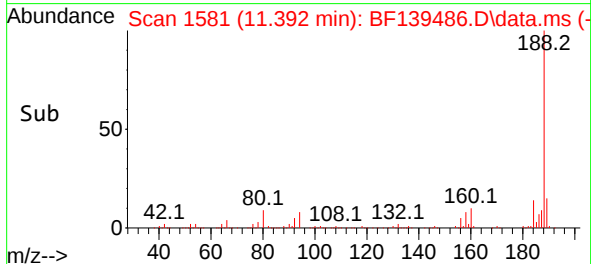
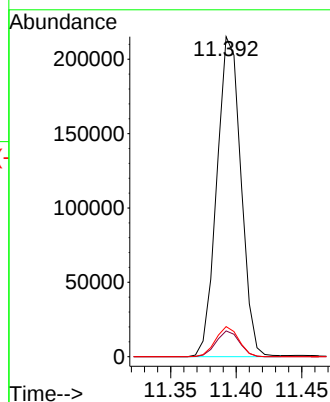
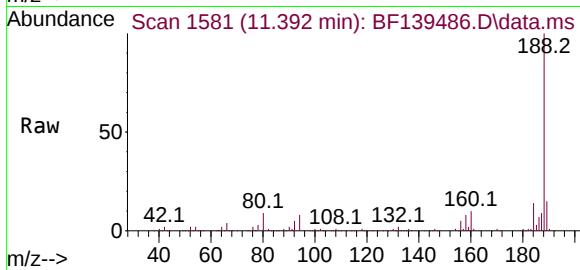
Tgt Ion:188 Resp: 274758

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.4 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.993 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

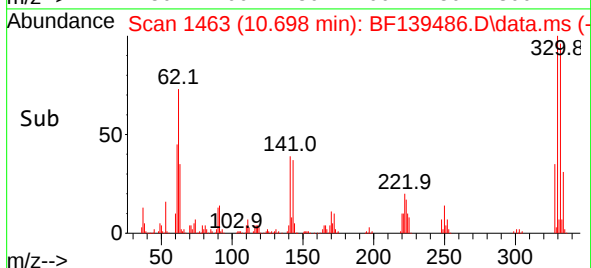
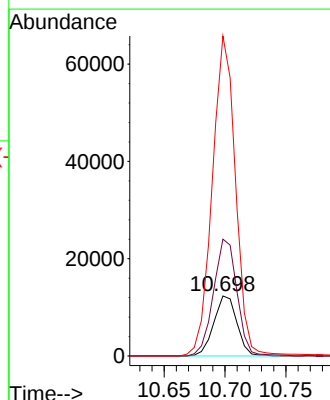
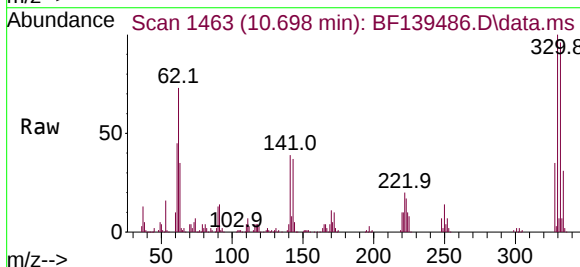
Tgt Ion:248 Resp: 16317

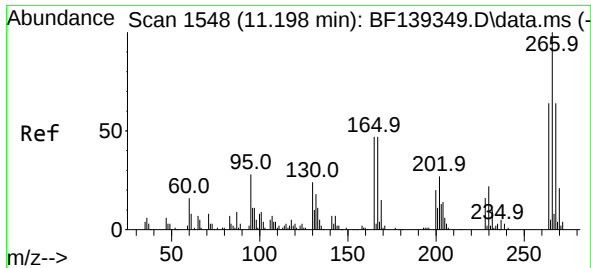
Ion Ratio Lower Upper

248 100

250 194.9 77.6 116.4#

141 533.7 66.9 100.3#

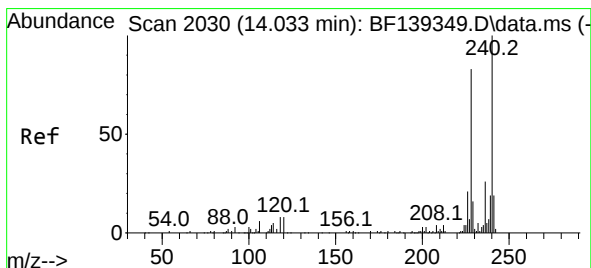
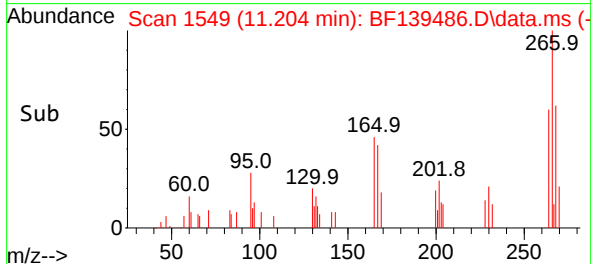
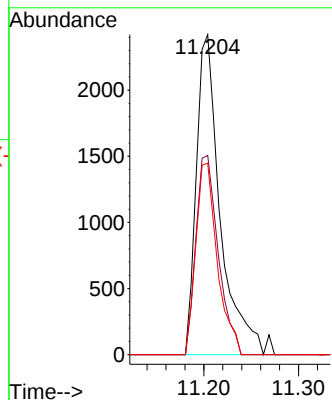
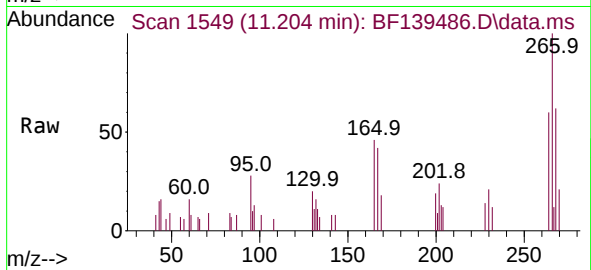




#70
 Pentachlorophenol
 Concen: 2.233 ng
 RT: 11.204 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139486.D
 Acq: 20 Sep 2024 02:02

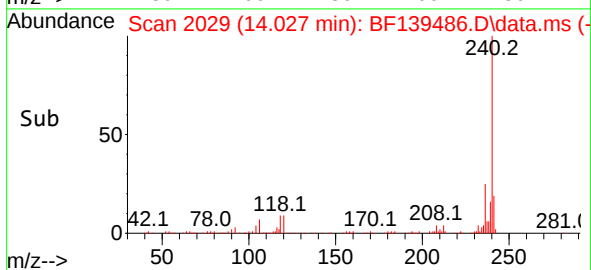
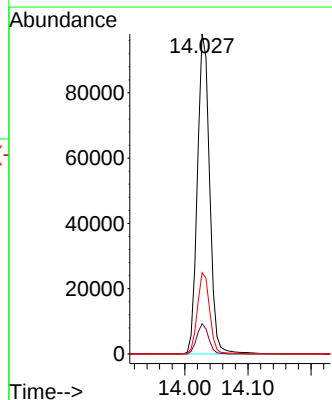
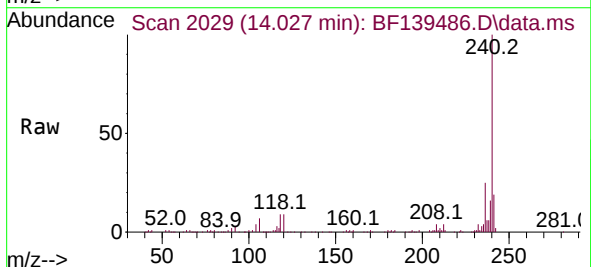
Instrument :
 BNA_F
 ClientSampleId :
 365-351-294

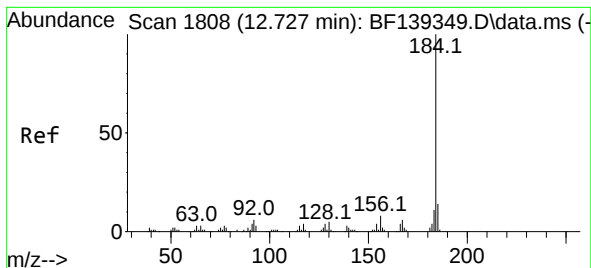
Tgt Ion:266 Resp: 4281
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 59.8 51.4 77.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF139486.D
 Acq: 20 Sep 2024 02:02

Tgt Ion:240 Resp: 131724
 Ion Ratio Lower Upper
 240 100
 120 9.5 6.2 9.2#
 236 25.4 20.9 31.3





#77

Benzidine

Concen: 6.447 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294

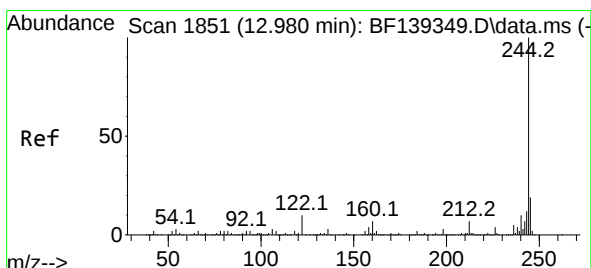
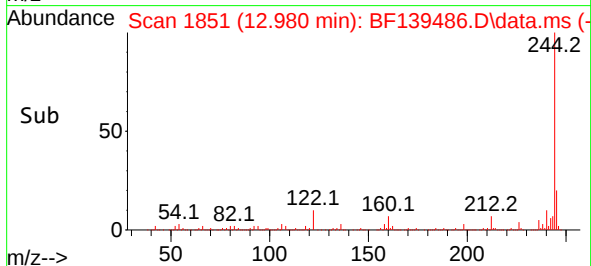
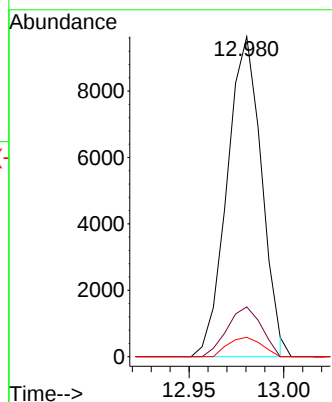
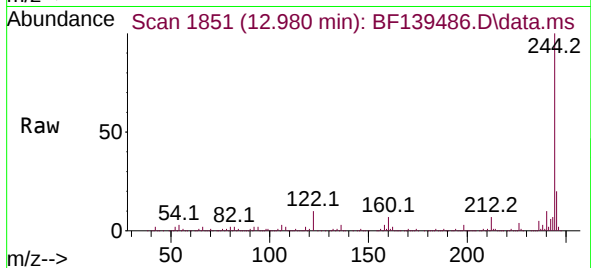
Tgt Ion:184 Resp: 12166

Ion Ratio Lower Upper

184 100

185 15.6 11.5 17.3

183 6.0 8.9 13.3#



#79

Terphenyl-d14

Concen: 103.690 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

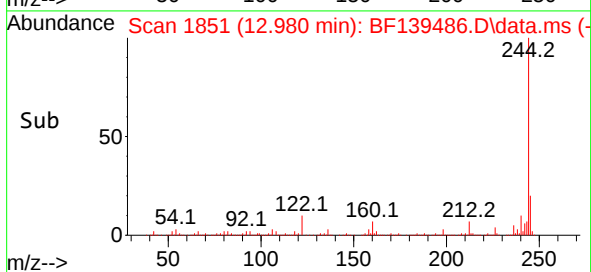
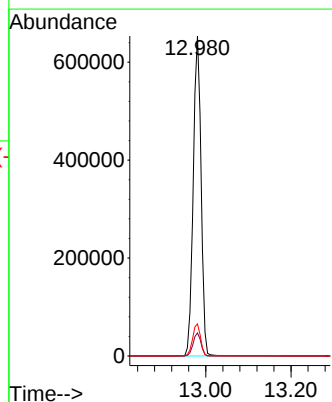
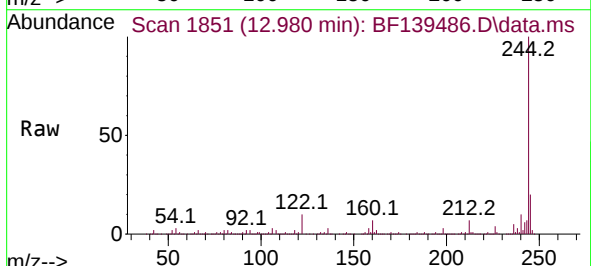
Tgt Ion:244 Resp: 832130

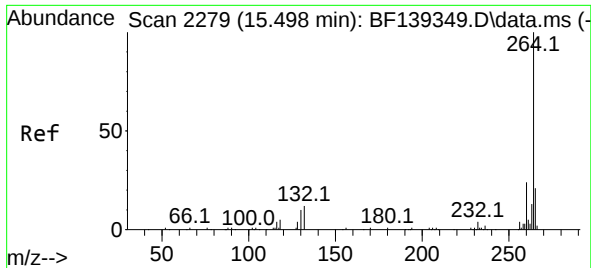
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

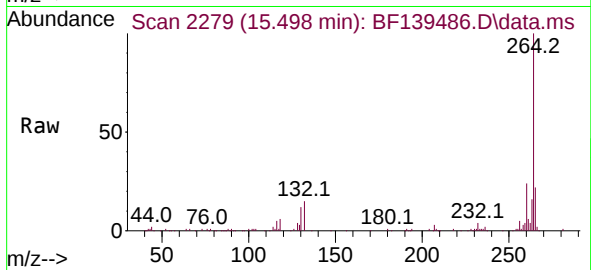
122 10.0 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Instrument :
BNA_F
ClientSampleId :
365-351-294



Tgt Ion:264 Resp: 106520
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.8 16.6 25.0

