

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)

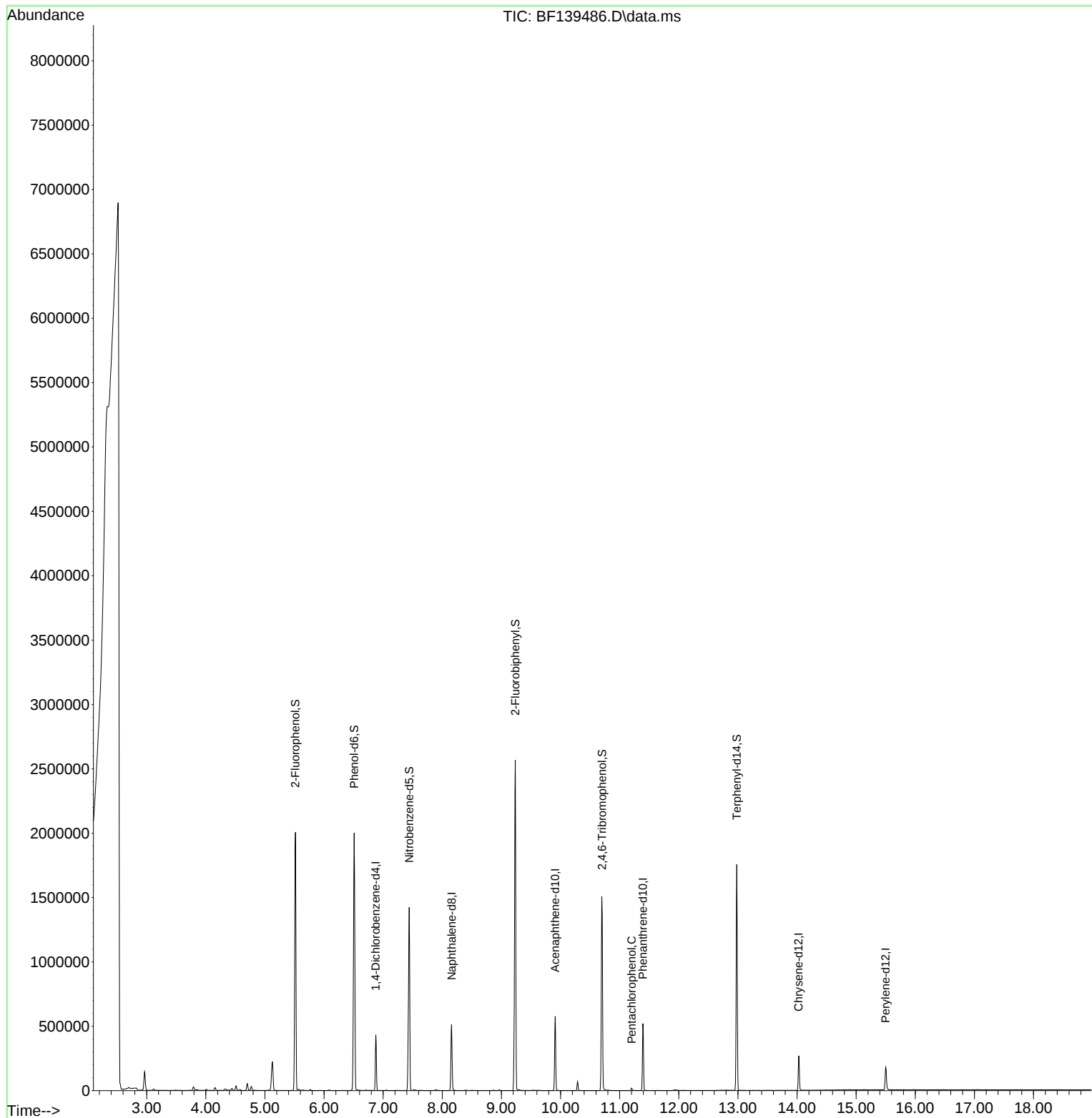
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84503	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	317732	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	169699	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	274758	20.000	ng	0.00
76) Chrysene-d12	14.027	240	131724	20.000	ng	# 0.00
86) Perylene-d12	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						
70) Pentachlorophenol	11.204	266	4281	2.233	ng	Qvalue 96

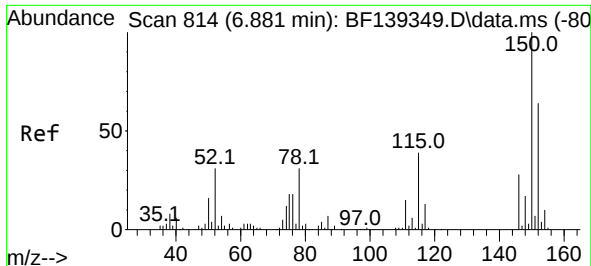
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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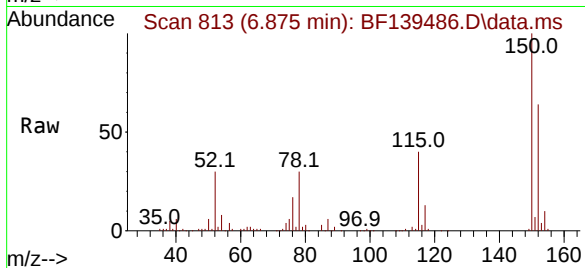
Quant Time: Sep 20 02:26:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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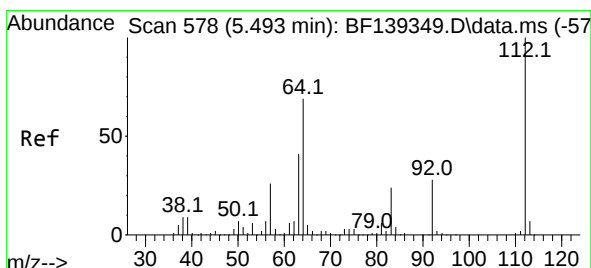
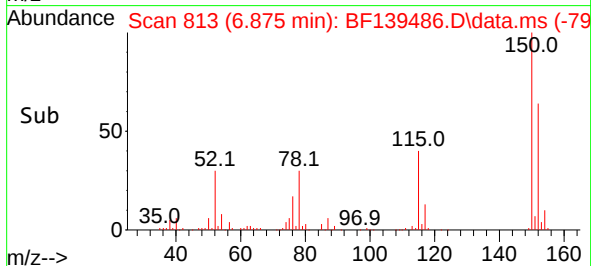
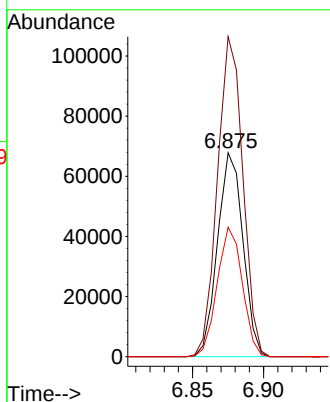


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139486.D
Acq: 20 Sep 2024 02:02

Instrument :
BNA_F
ClientSampleId :
365-351-294

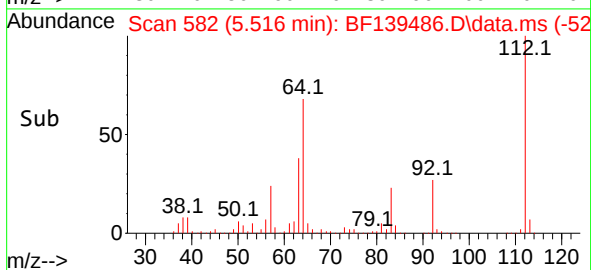
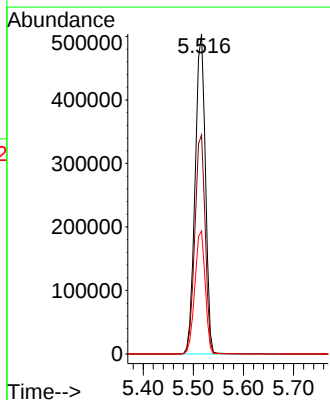
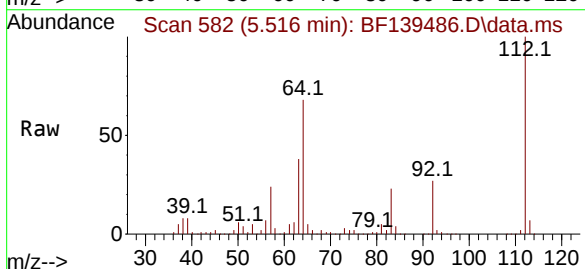


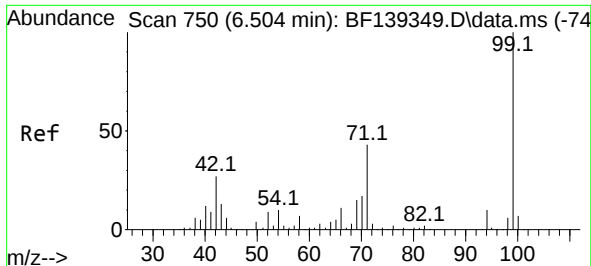
Tgt Ion:152 Resp: 84503
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 63.5 48.1 72.1



#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

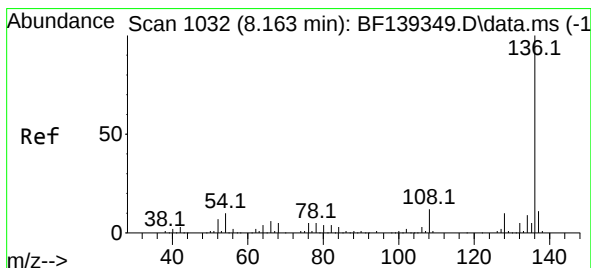
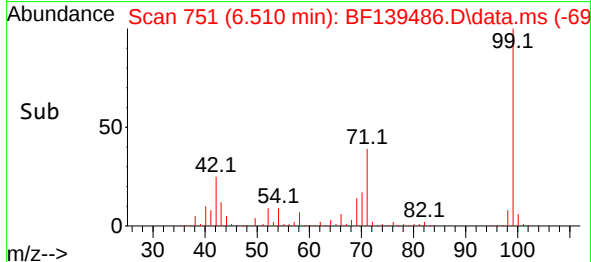
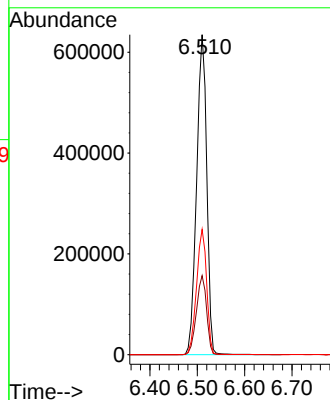
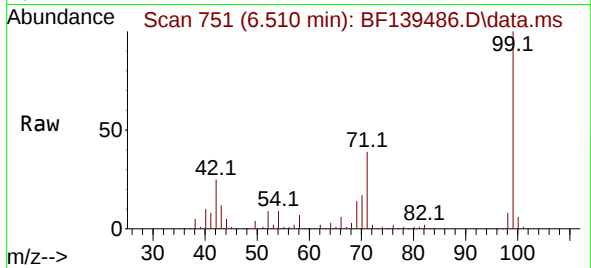
Tgt Ion: 99 Resp: 945119

Ion Ratio Lower Upper

99 100

42 24.7 21.9 32.9

71 39.2 34.6 52.0



#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

Tgt Ion:136 Resp: 317732

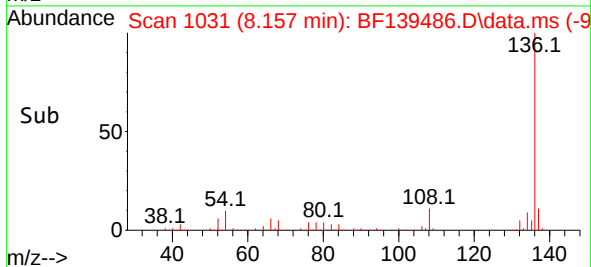
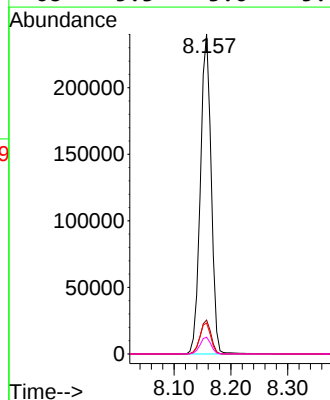
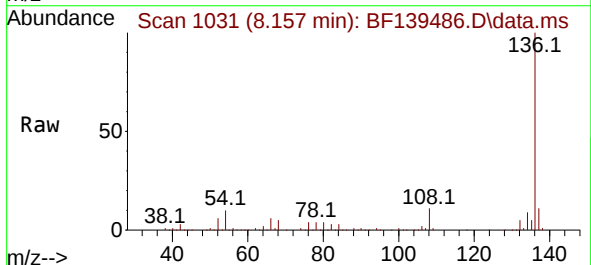
Ion Ratio Lower Upper

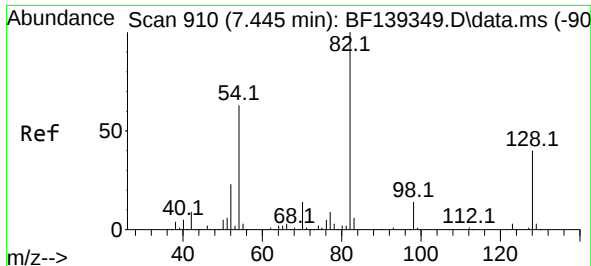
136 100

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# 90

Delta R.T. -0.006 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294

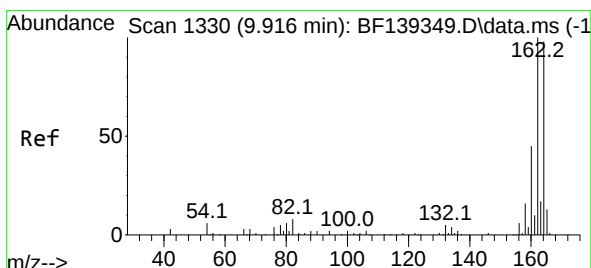
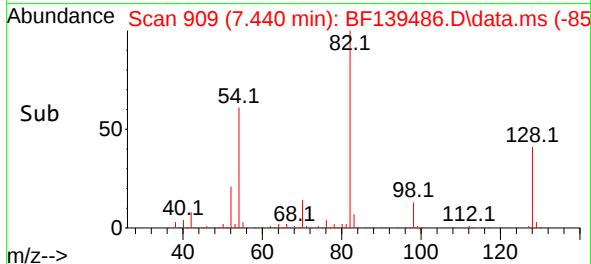
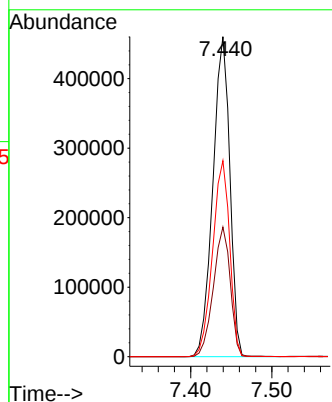
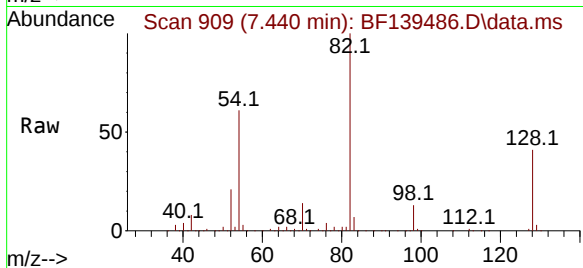
Tgt Ion: 82 Resp: 669741

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

54 61.2 50.6 75.8



#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

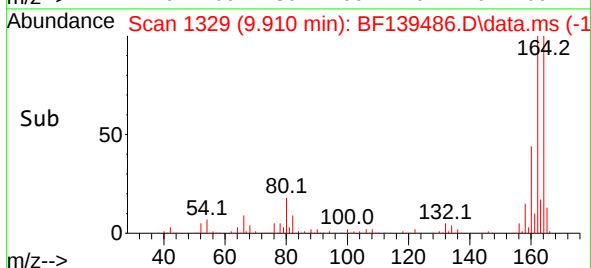
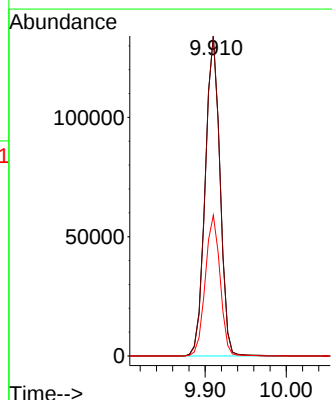
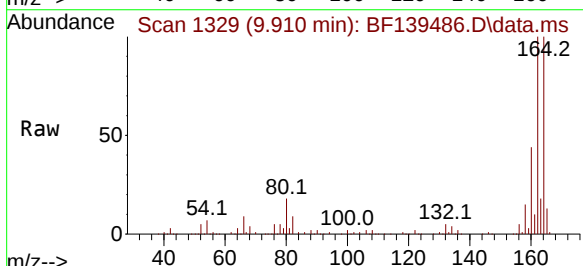
Tgt Ion:164 Resp: 169699

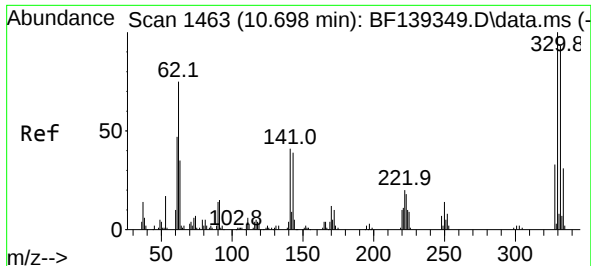
Ion Ratio Lower Upper

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

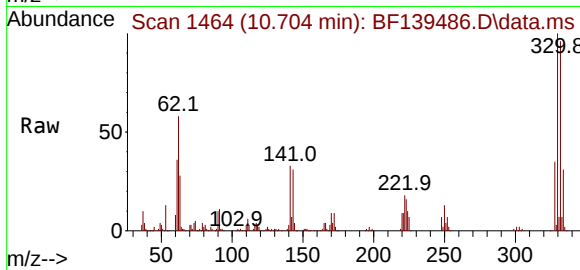
Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294



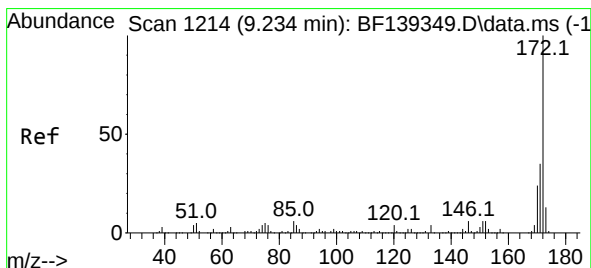
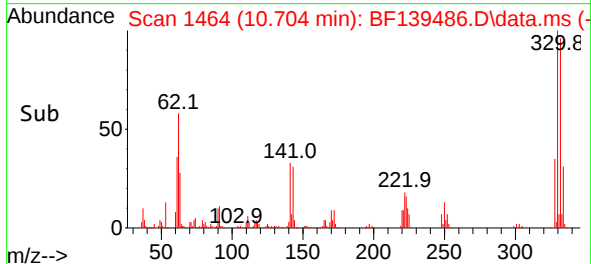
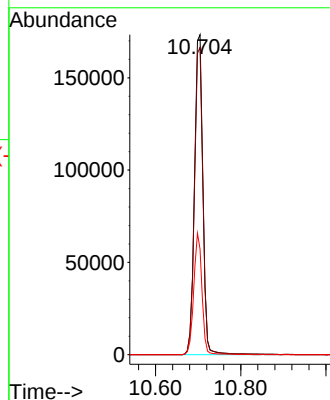
Tgt Ion:330 Resp: 237919

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

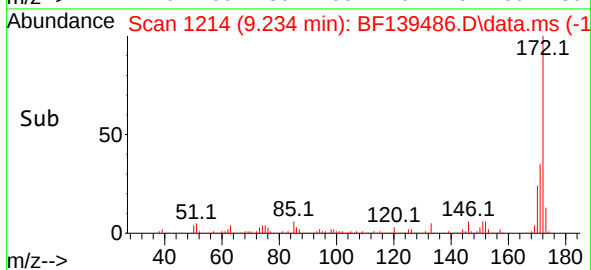
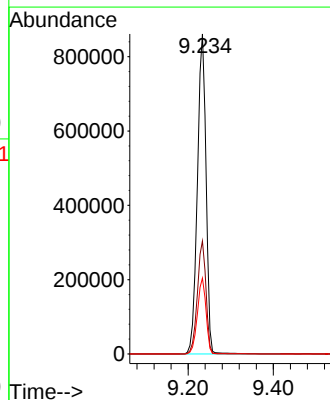
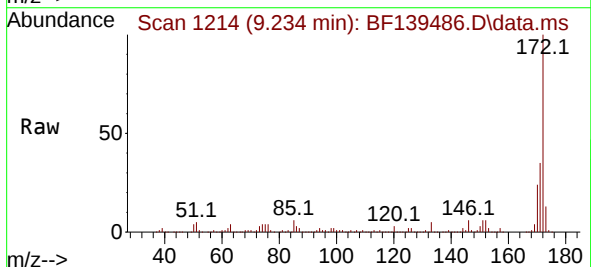
Tgt Ion:172 Resp: 1215233

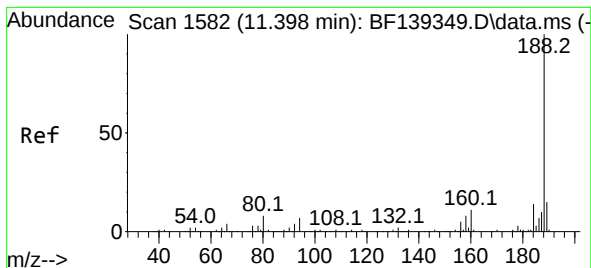
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294

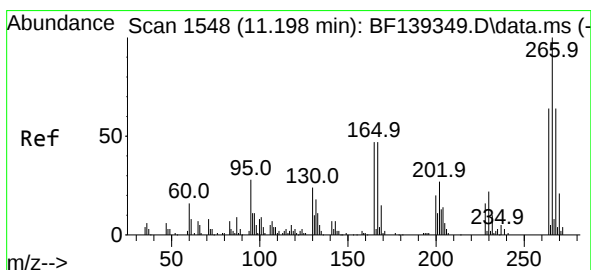
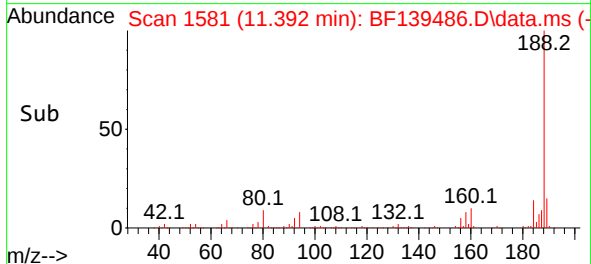
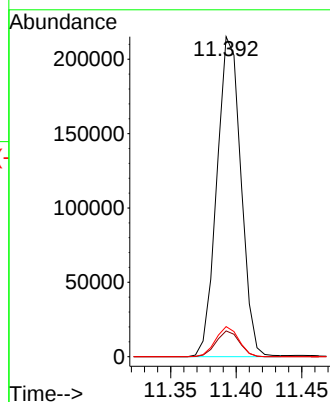
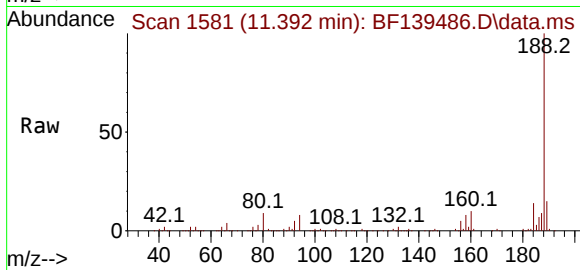
Tgt Ion:188 Resp: 274758

Ion Ratio Lower Upper

188 100

94 8.1 5.5 8.3

80 9.4 6.6 9.8



#70

Pentachlorophenol

Concen: 2.233 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

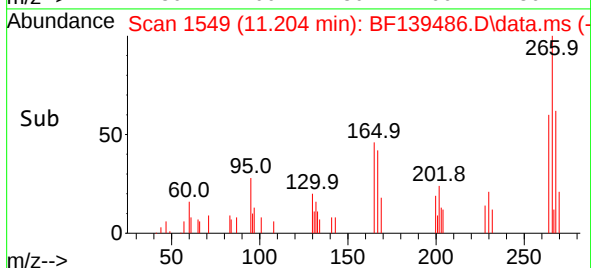
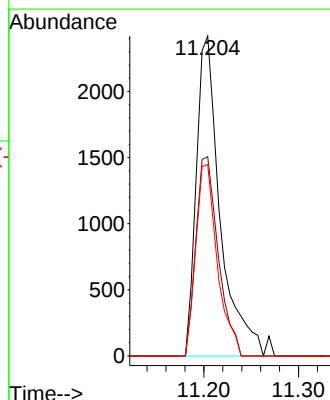
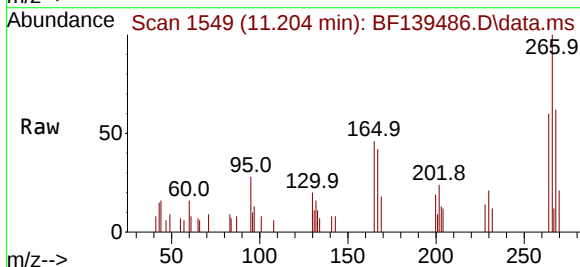
Tgt Ion:266 Resp: 4281

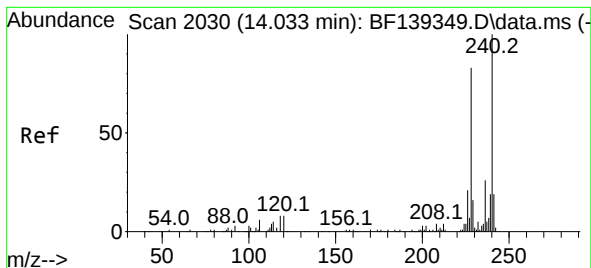
Ion Ratio Lower Upper

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# 2030

Delta R.T. -0.006 min

Lab File: BF139486.D

Acq: 20 Sep 2024 02:02

Instrument :

BNA_F

ClientSampleId :

365-351-294

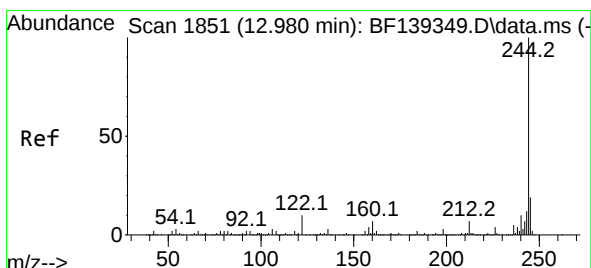
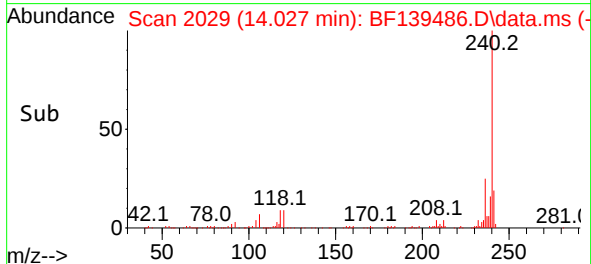
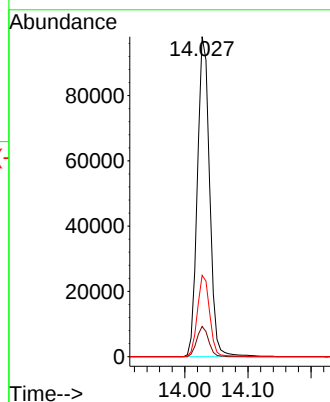
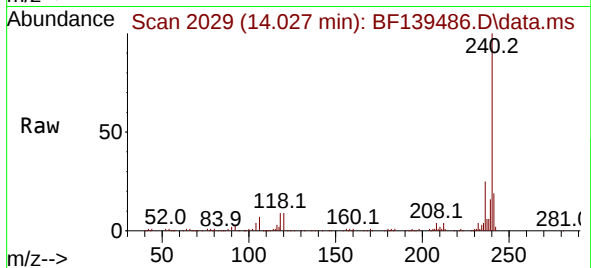
Tgt Ion:240 Resp: 131724

Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.2#

236 25.4 20.9 31.3



#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

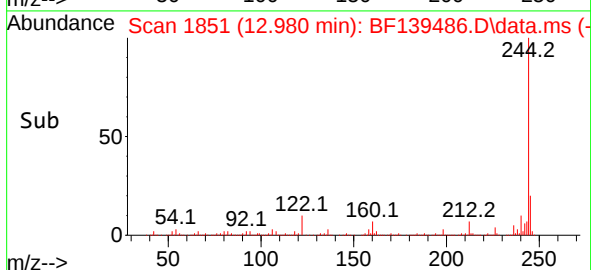
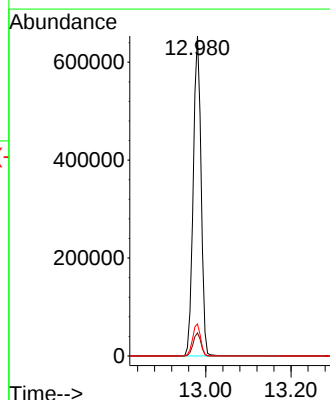
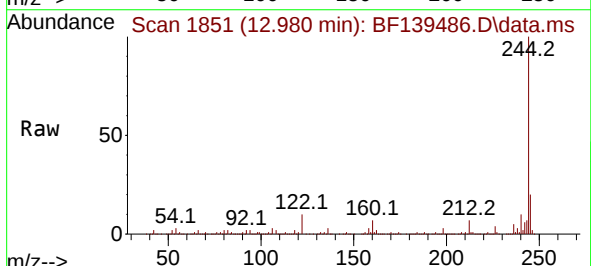
Tgt Ion:244 Resp: 832130

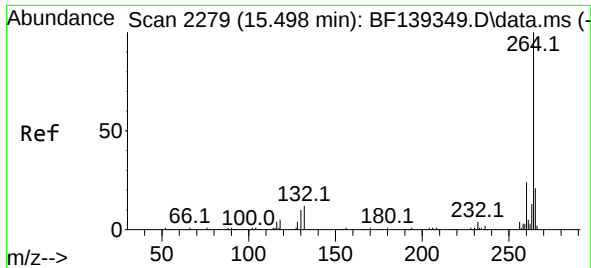
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

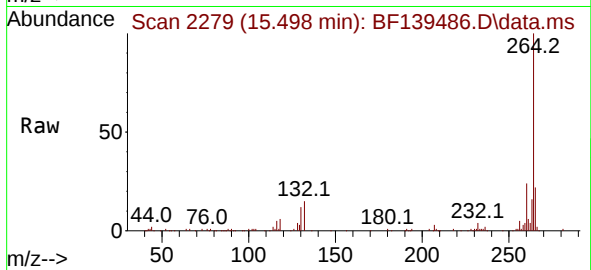
122 10.0 7.6 11.4





#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

