

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140299.D
 Acq On : 08 Nov 2024 15:24
 Operator : RC/JU
 Sample : P4737-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Nov 08 16:14:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126400	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	480686	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	253851	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	386774	20.000	ng	0.00
76) Chrysene-d12	14.057	240	299224	20.000	ng	0.00
86) Perylene-d12	15.574	264	236503	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	722164	94.682	ng	0.00
7) Phenol-d6	6.498	99	922388	94.020	ng	0.00
23) Nitrobenzene-d5	7.434	82	587786	60.796	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	227803	90.788	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1060204	66.690	ng	0.00
79) Terphenyl-d14	12.992	244	977931	53.538	ng	0.00

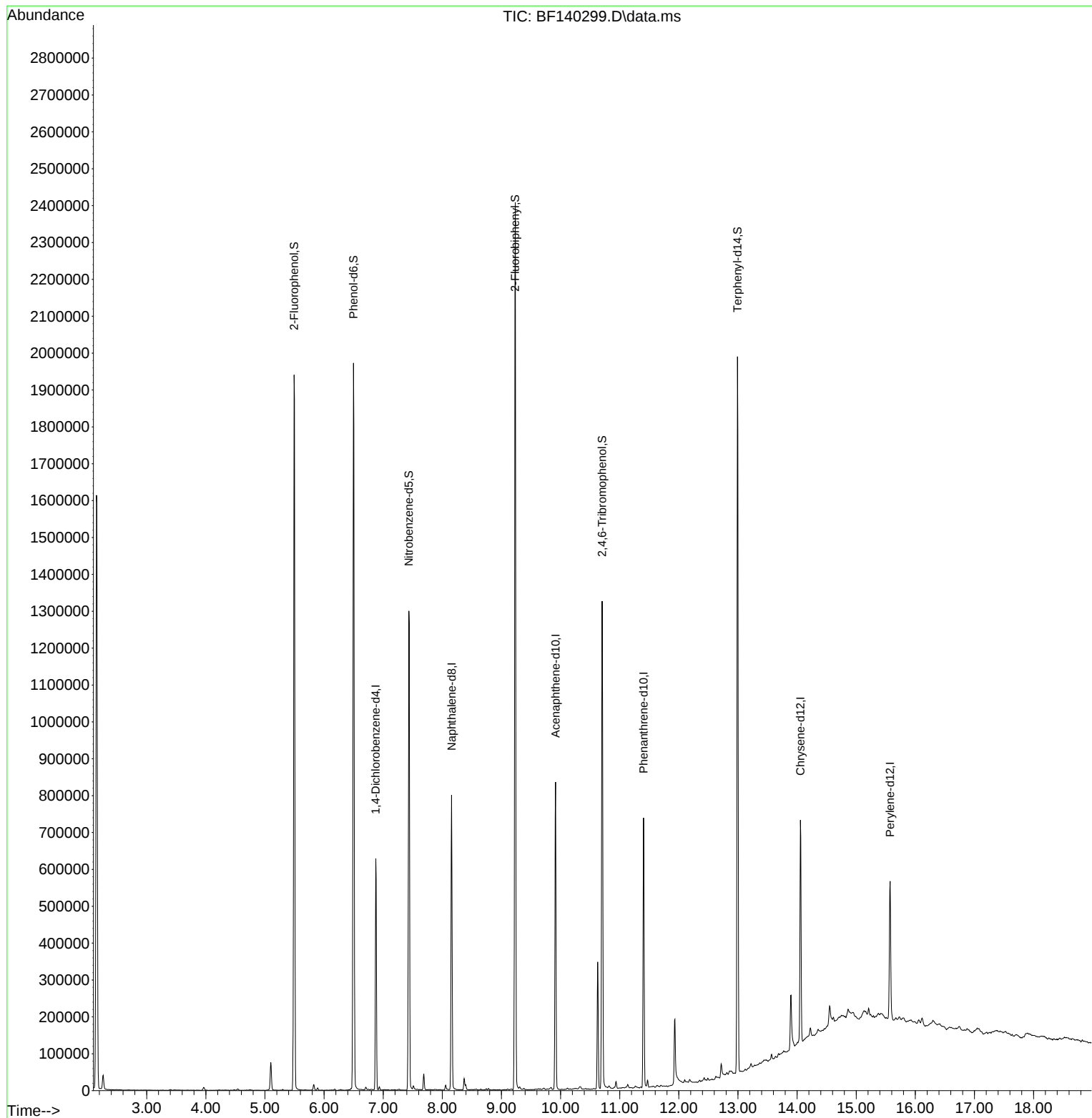
Target Compounds	Qvalue

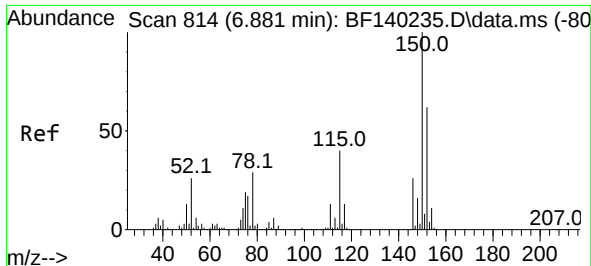
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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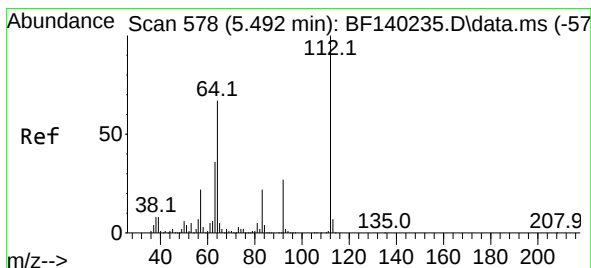
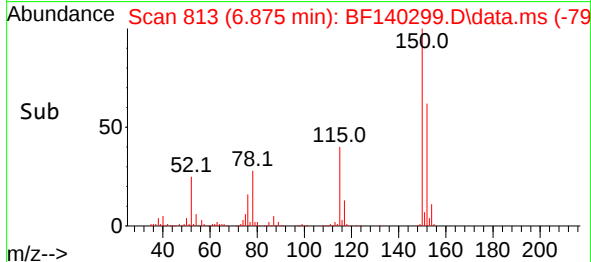
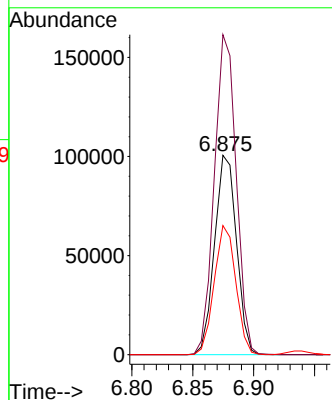
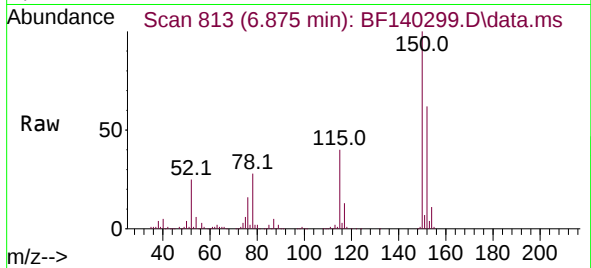




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

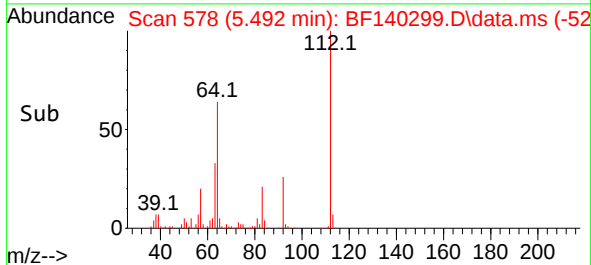
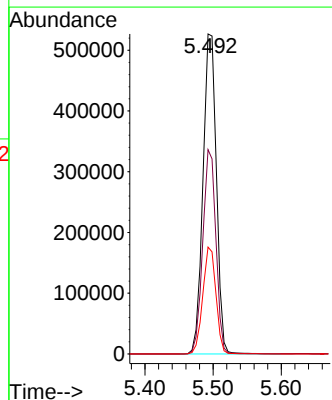
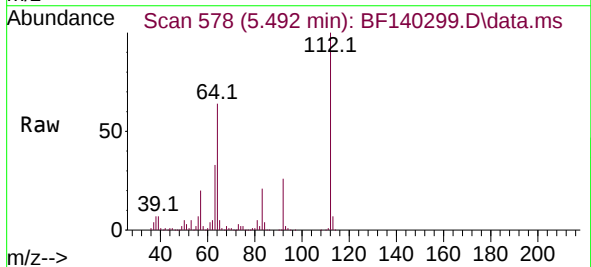
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:152 Resp: 126400
Ion Ratio Lower Upper
152 100
150 160.5 129.4 194.2
115 64.8 51.5 77.3



#5
2-Fluorophenol
Concen: 94.682 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

Tgt Ion:112 Resp: 722164
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 33.4 28.9 43.3

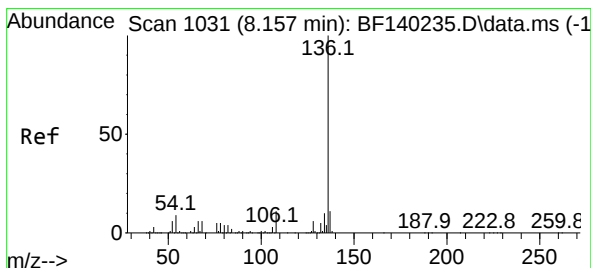
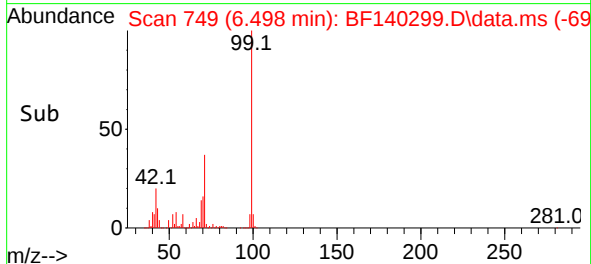
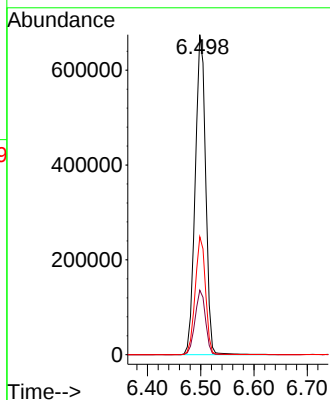
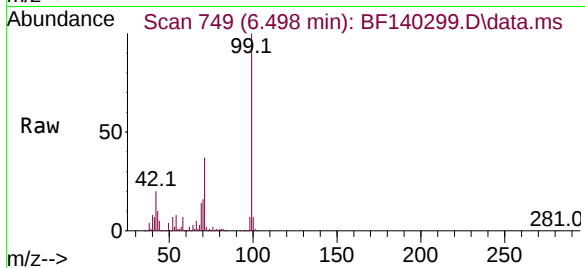




#7
Phenol-d6
Concen: 94.020 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

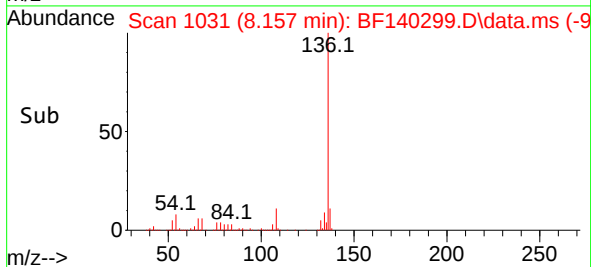
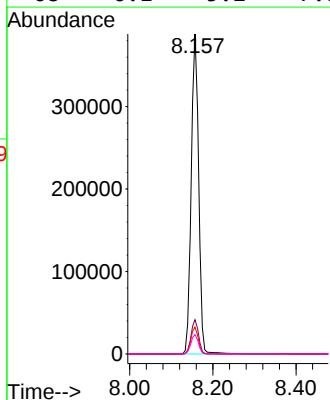
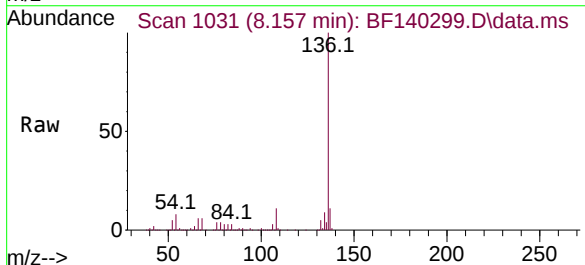
Instrument :
BNA_F
ClientSampleId :
TP2

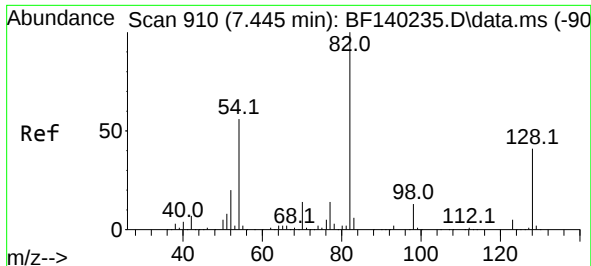
Tgt Ion: 99 Resp: 922388
Ion Ratio Lower Upper
99 100
42 20.1 18.2 27.2
71 36.9 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

Tgt Ion: 136 Resp: 480686
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.3 7.7 11.5
68 6.1 5.2 7.8

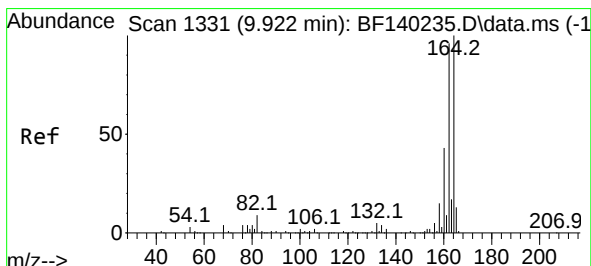
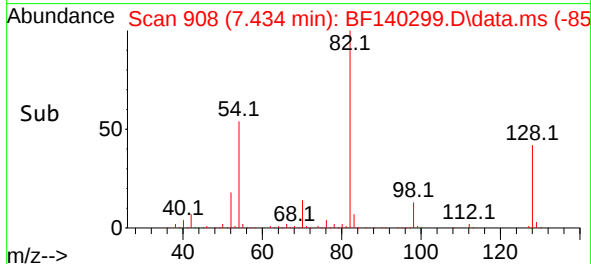
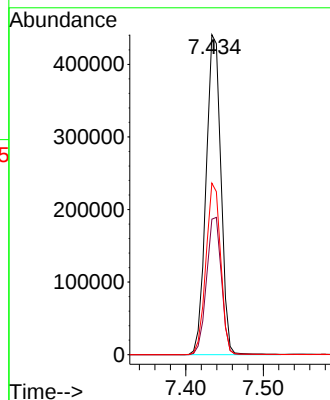
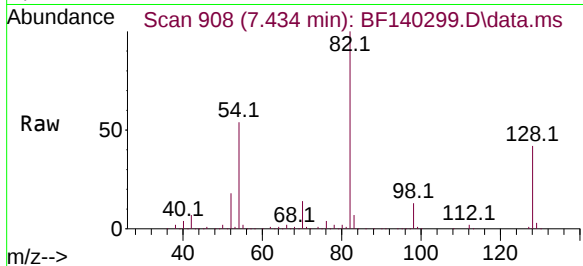




#23
Nitrobenzene-d5
Concen: 60.796 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

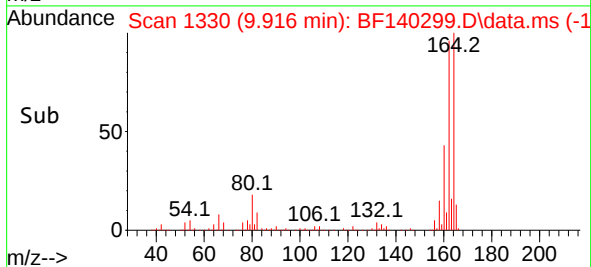
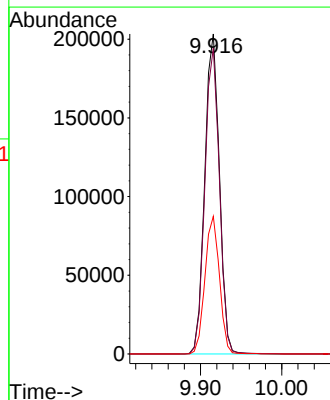
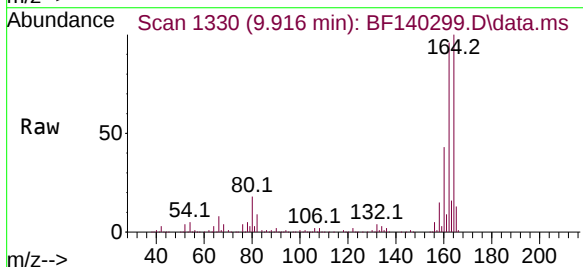
Instrument :
BNA_F
ClientSampleId :
TP2

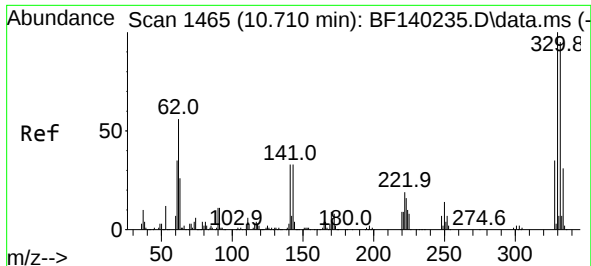
Tgt Ion: 82 Resp: 587786
Ion Ratio Lower Upper
82 100
128 42.4 32.8 49.2
54 53.6 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

Tgt Ion: 164 Resp: 253851
Ion Ratio Lower Upper
164 100
162 95.6 77.0 115.4
160 43.0 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 90.788 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140299.D

Acq: 08 Nov 2024 15:24

Instrument :

BNA_F

ClientSampleId :

TP2

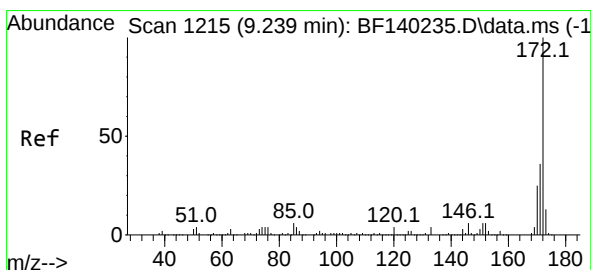
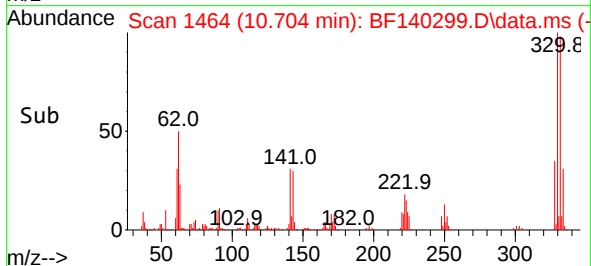
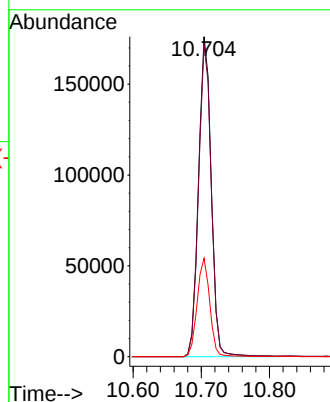
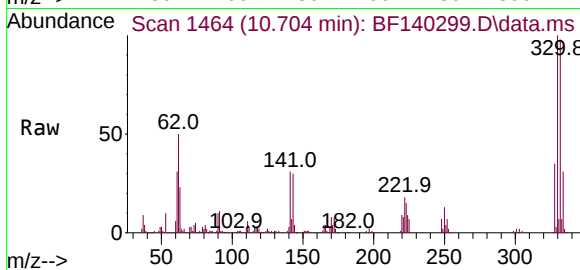
Tgt Ion:330 Resp: 227803

Ion Ratio Lower Upper

330 100

332 97.2 76.4 114.6

141 30.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 66.690 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140299.D

Acq: 08 Nov 2024 15:24

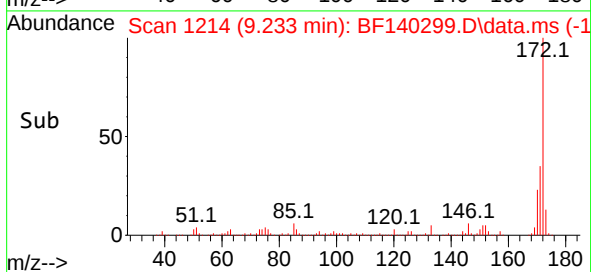
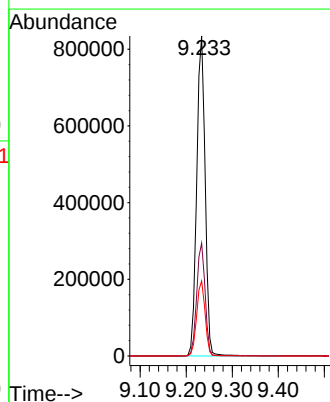
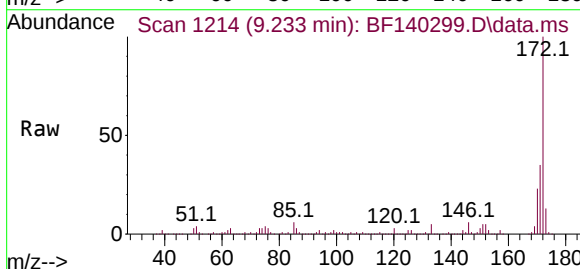
Tgt Ion:172 Resp: 1060204

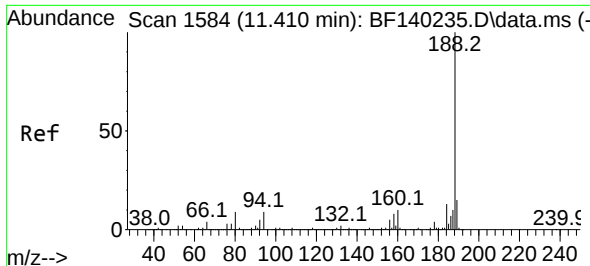
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.6 29.4

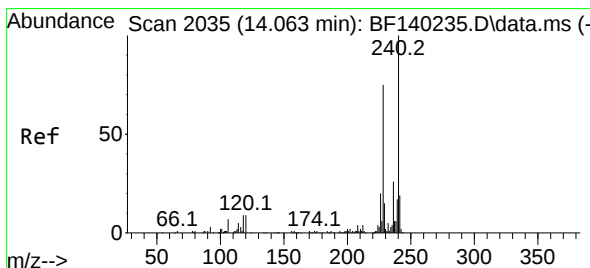
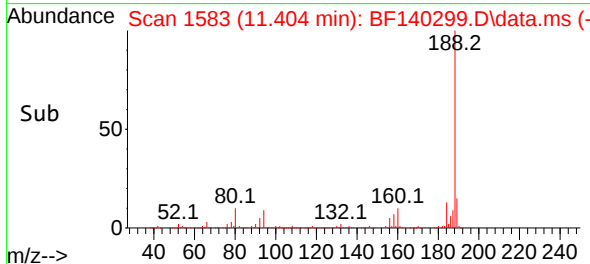
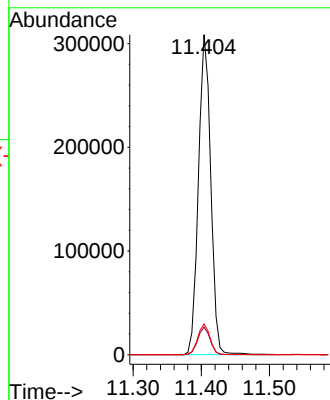
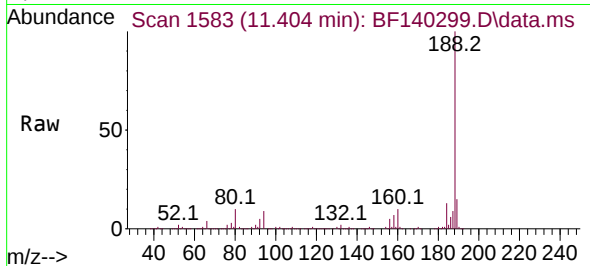




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

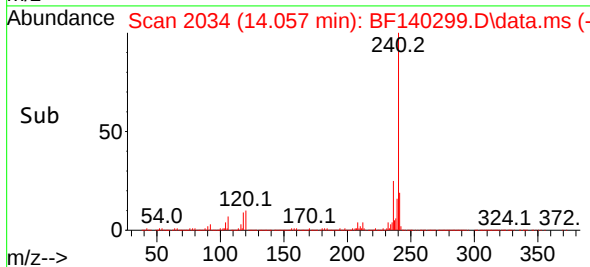
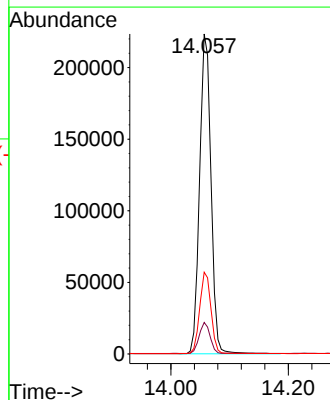
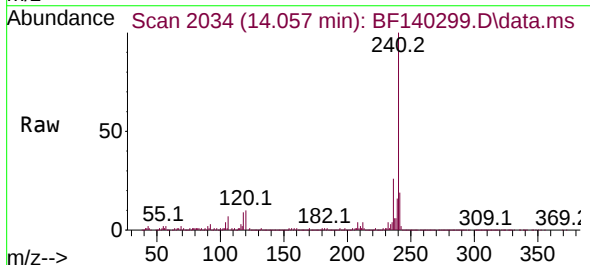
Instrument :
BNA_F
ClientSampleId :
TP2

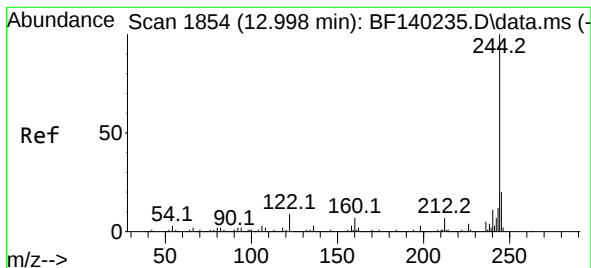
Tgt Ion:188 Resp: 386774
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140299.D
Acq: 08 Nov 2024 15:24

Tgt Ion:240 Resp: 299224
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 53.538 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140299.D

Acq: 08 Nov 2024 15:24

Instrument :

BNA_F

ClientSampleId :

TP2

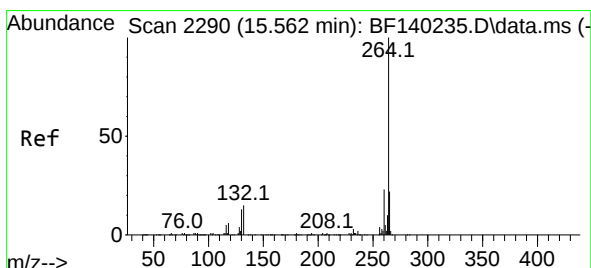
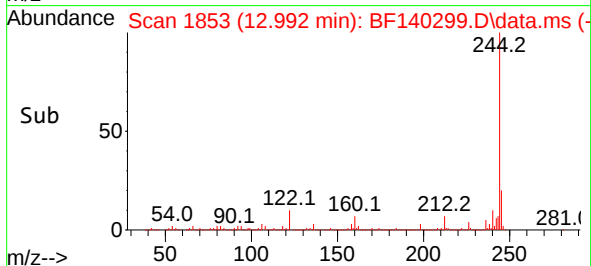
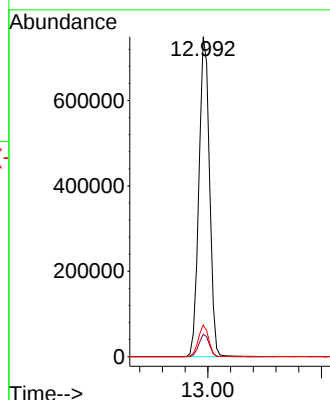
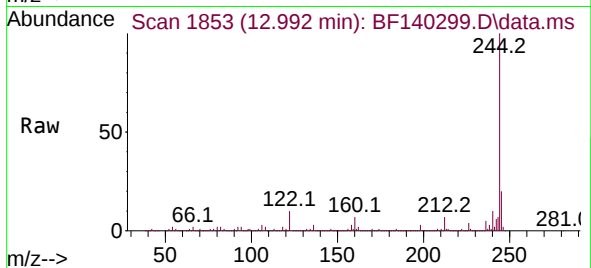
Tgt Ion:244 Resp: 977931

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.012 min

Lab File: BF140299.D

Acq: 08 Nov 2024 15:24

Tgt Ion:264 Resp: 236503

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.1 17.3 25.9

