

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140174.D
 Acq On : 30 Oct 2024 22:37
 Operator : RC/JU
 Sample : P4598-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Nov 01 02:19:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	85198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	303707	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	158983	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	284535	20.000	ng	0.00
76) Chrysene-d12	14.074	240	169088	20.000	ng	0.02
86) Perylene-d12	15.586	264	128543	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	374831	68.874	ng	0.00
7) Phenol-d6	6.510	99	451322	64.030	ng	0.00
23) Nitrobenzene-d5	7.445	82	287328	52.435	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	109891	73.897	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	519654	54.020	ng	-0.01
79) Terphenyl-d14	13.016	244	556049	53.586	ng	0.02

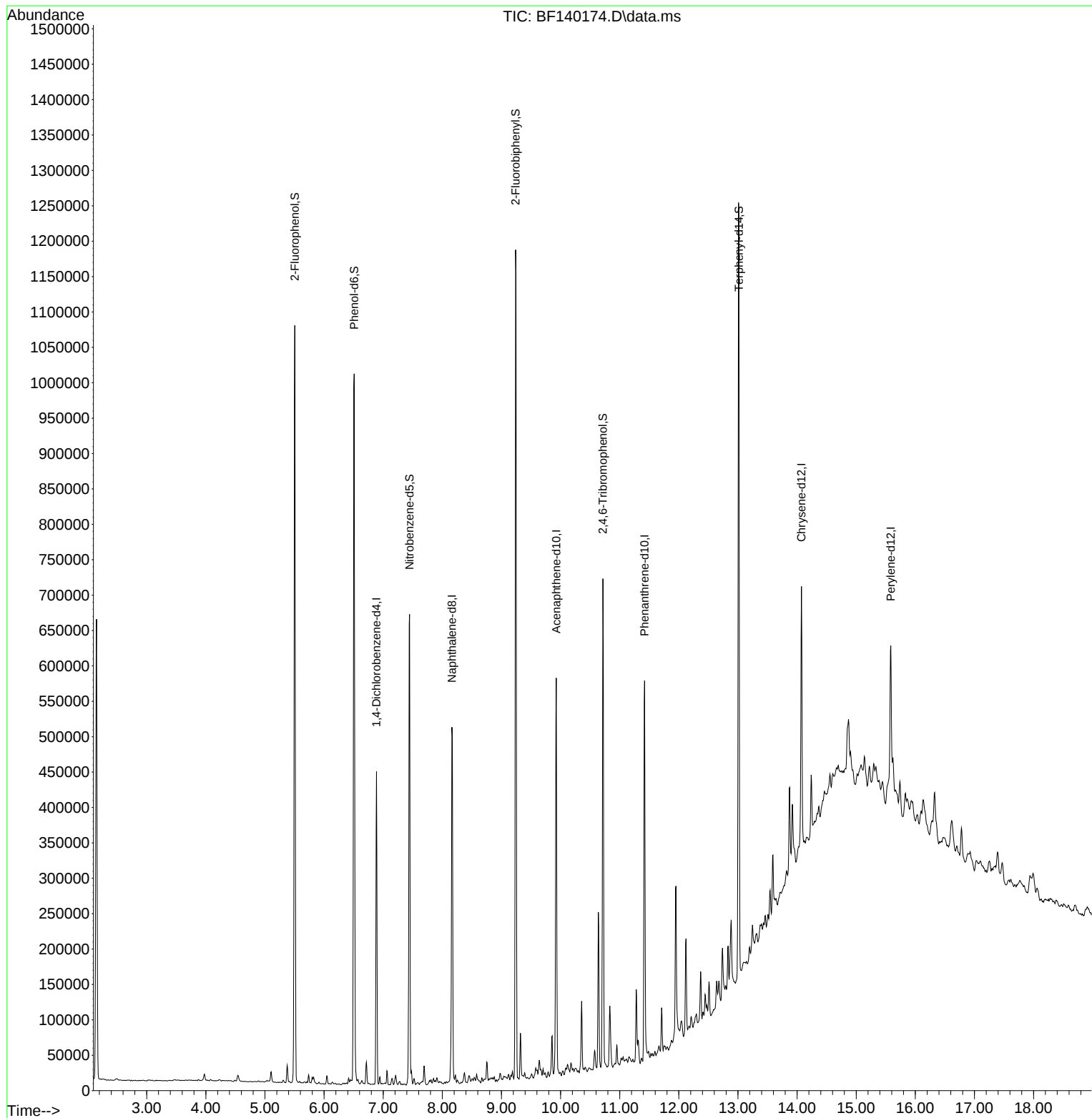
Target Compounds	Qvalue

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

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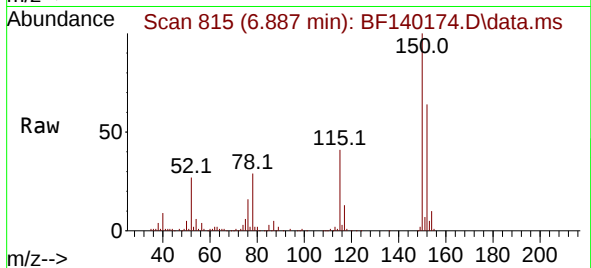
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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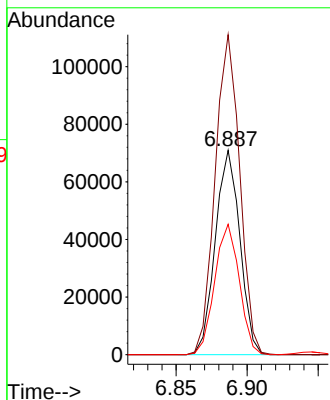
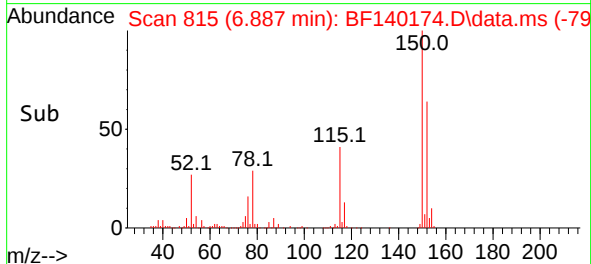


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Instrument :
BNA_F
ClientSampleId :
TP-8

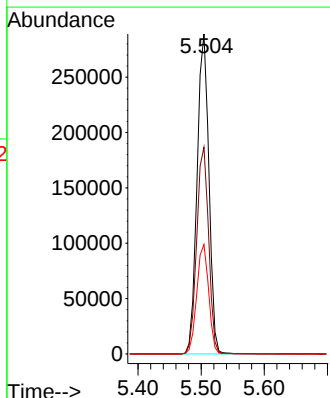
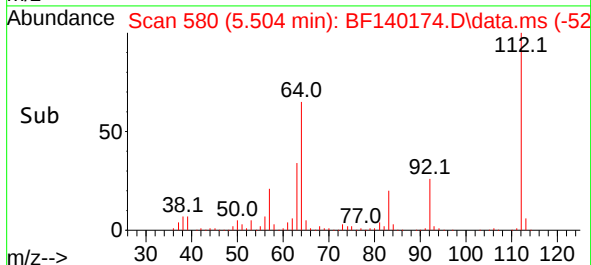
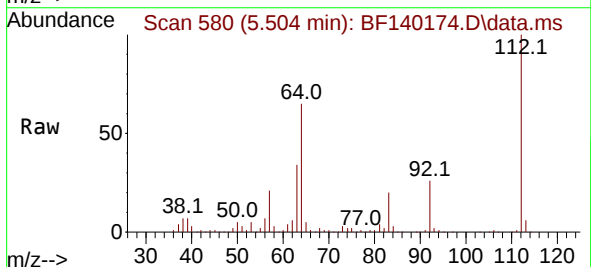


Tgt Ion:152 Resp: 85198
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 68.874 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:112 Resp: 374831
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.2 27.0 40.4

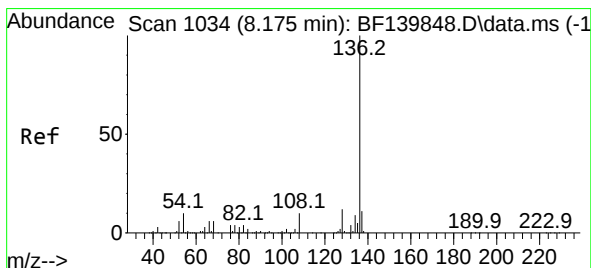
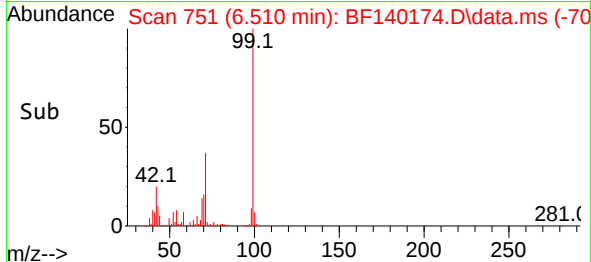
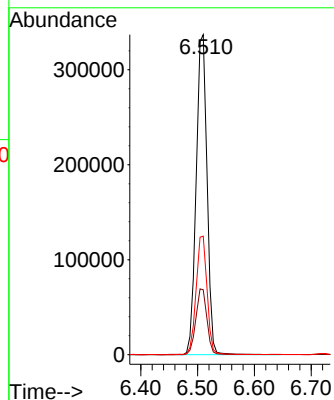
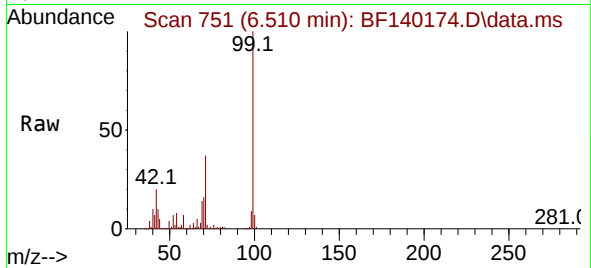




#7
Phenol-d6
Concen: 64.030 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

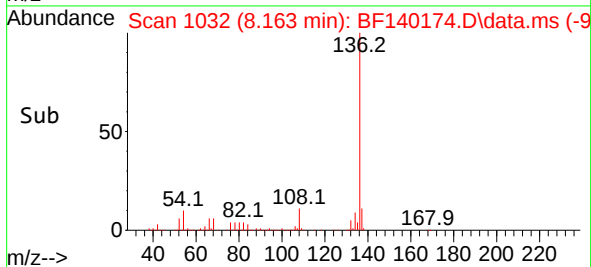
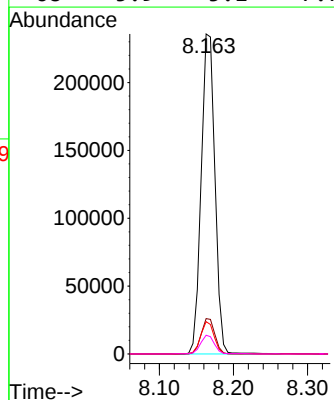
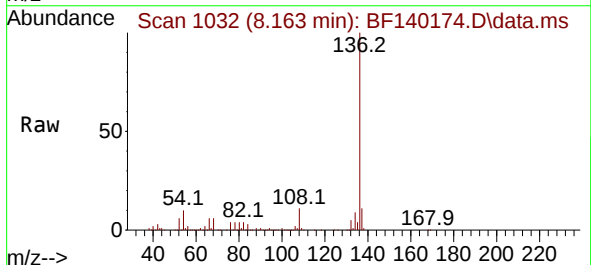
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 451322
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 37.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion: 136 Resp: 303707
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 8.4 12.6
68 5.9 5.1 7.7

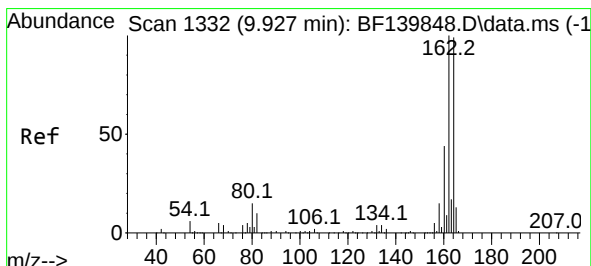
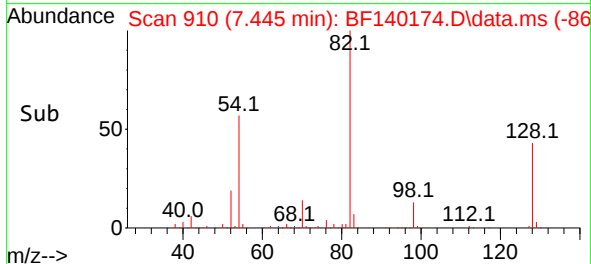
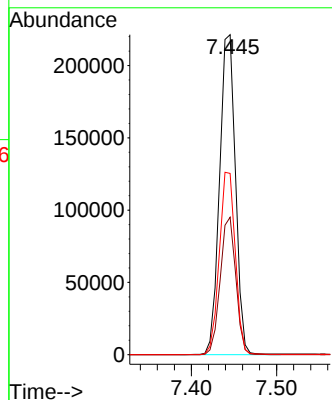
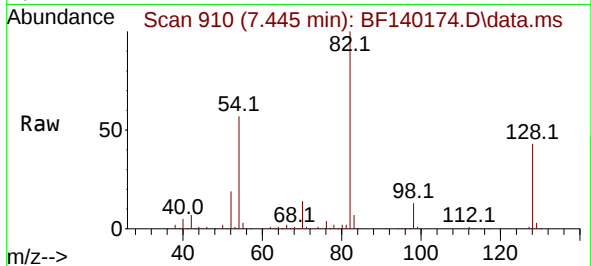




#23
Nitrobenzene-d5
Concen: 52.435 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

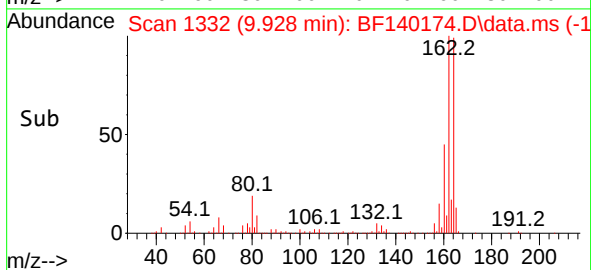
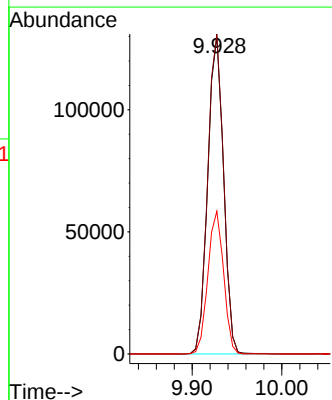
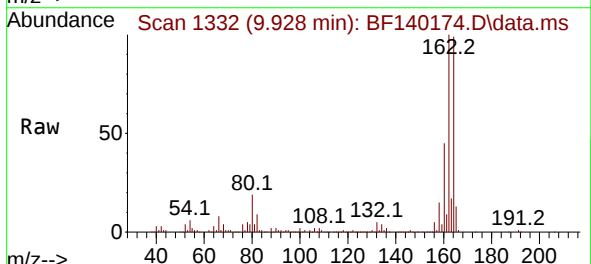
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 287328
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.0
54 56.7 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:164 Resp: 158983
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.0 35.4 53.0

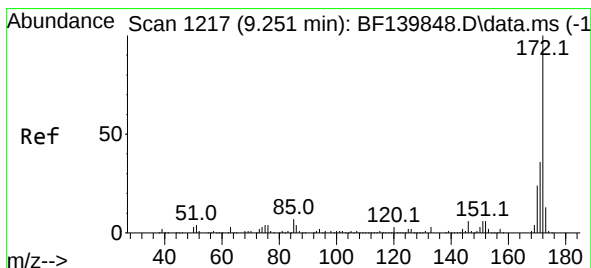
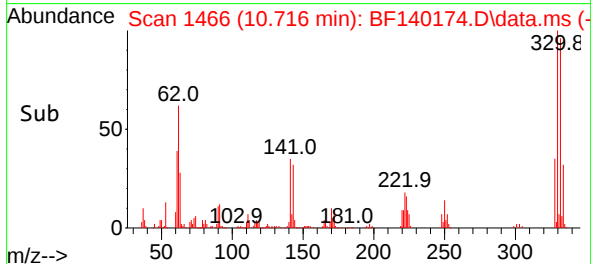
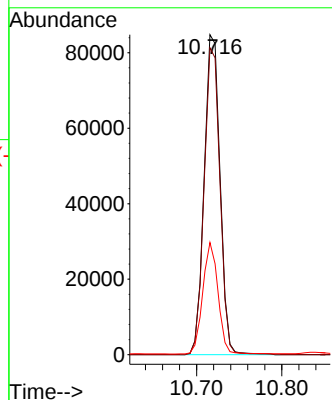
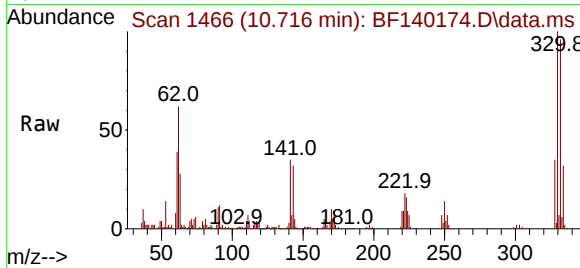




#42
2,4,6-Tribromophenol
Concen: 73.897 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

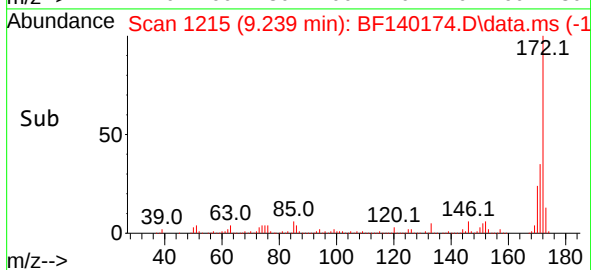
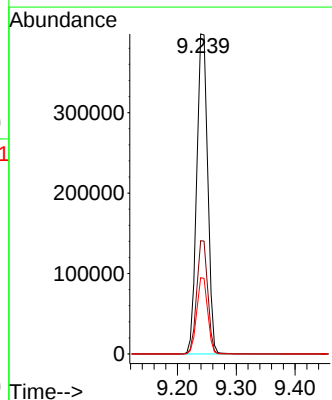
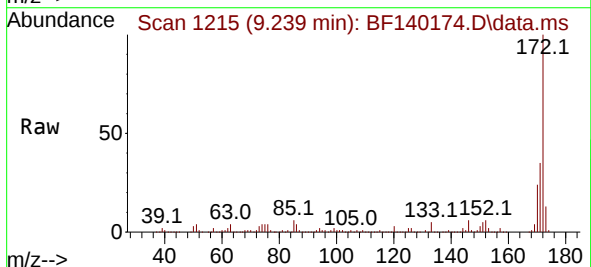
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:330 Resp: 109891
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 54.020 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140174.D
Acq: 30 Oct 2024 22:37

Tgt Ion:172 Resp: 519654
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

Instrument :

BNA_F

ClientSampleId :

TP-8

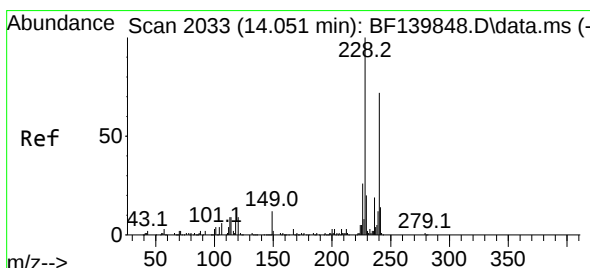
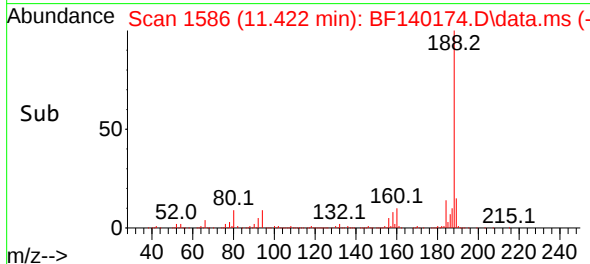
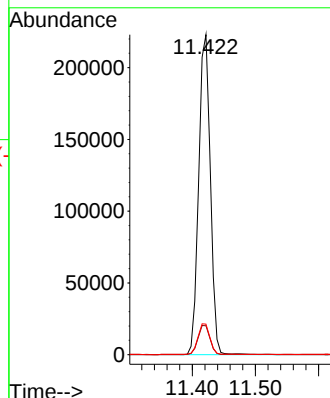
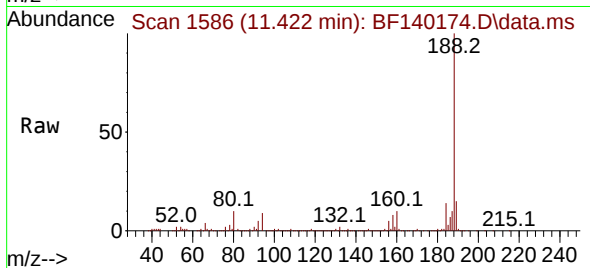
Tgt Ion:188 Resp: 284535

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.024 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

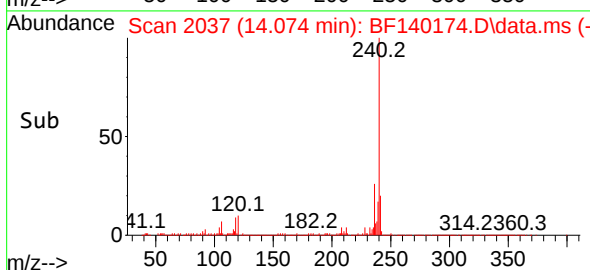
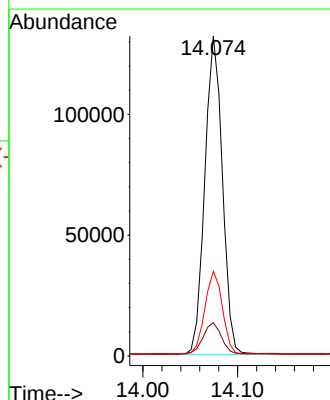
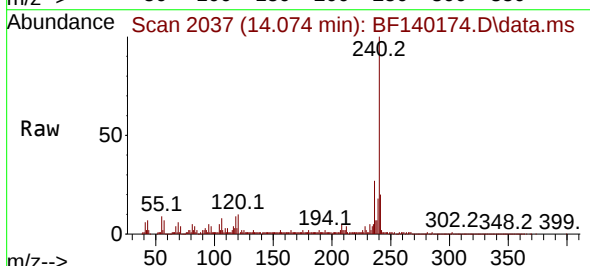
Tgt Ion:240 Resp: 169088

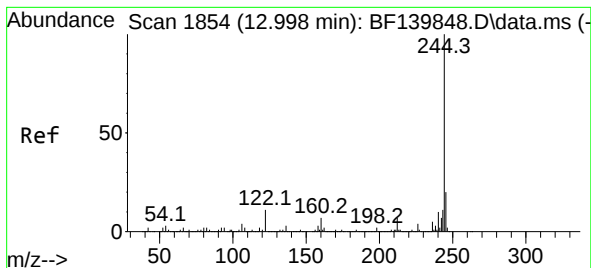
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 53.586 ng

RT: 13.016 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

Instrument :

BNA_F

ClientSampleId :

TP-8

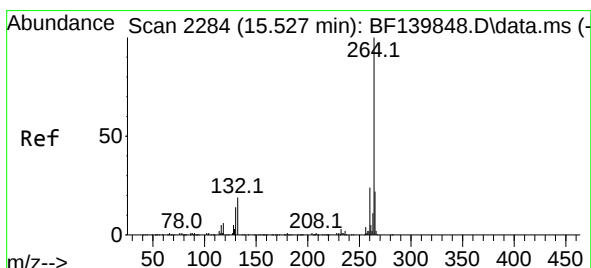
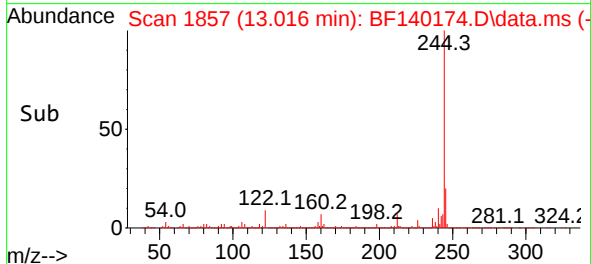
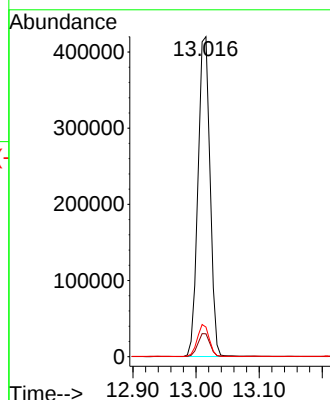
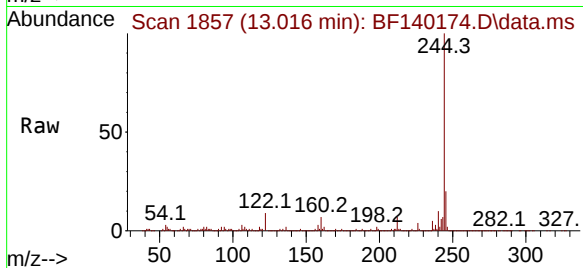
Tgt Ion:244 Resp: 556049

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2294

Delta R.T. 0.059 min

Lab File: BF140174.D

Acq: 30 Oct 2024 22:37

Tgt Ion:264 Resp: 128543

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.9 17.4 26.0

