

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140185.D
Acq On : 31 Oct 2024 13:29
Operator : RC/JU
Sample : P4611-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Oct 31 14:27:22 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	6.886	152	95584	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	381109	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	217744	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	382727	20.000	ng	0.00
76) Chrysene-d12	14.092	240	204395	20.000	ng	0.04
86) Perylene-d12	15.633	264	171801	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	917056	150.197	ng	0.02
7) Phenol-d6	6.510	99	1148612	145.249	ng	0.00
23) Nitrobenzene-d5	7.445	82	807257	117.397	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	380210	186.679	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1414178	107.337	ng	0.00
79) Terphenyl-d14	13.015	244	1474365	117.540	ng	0.02

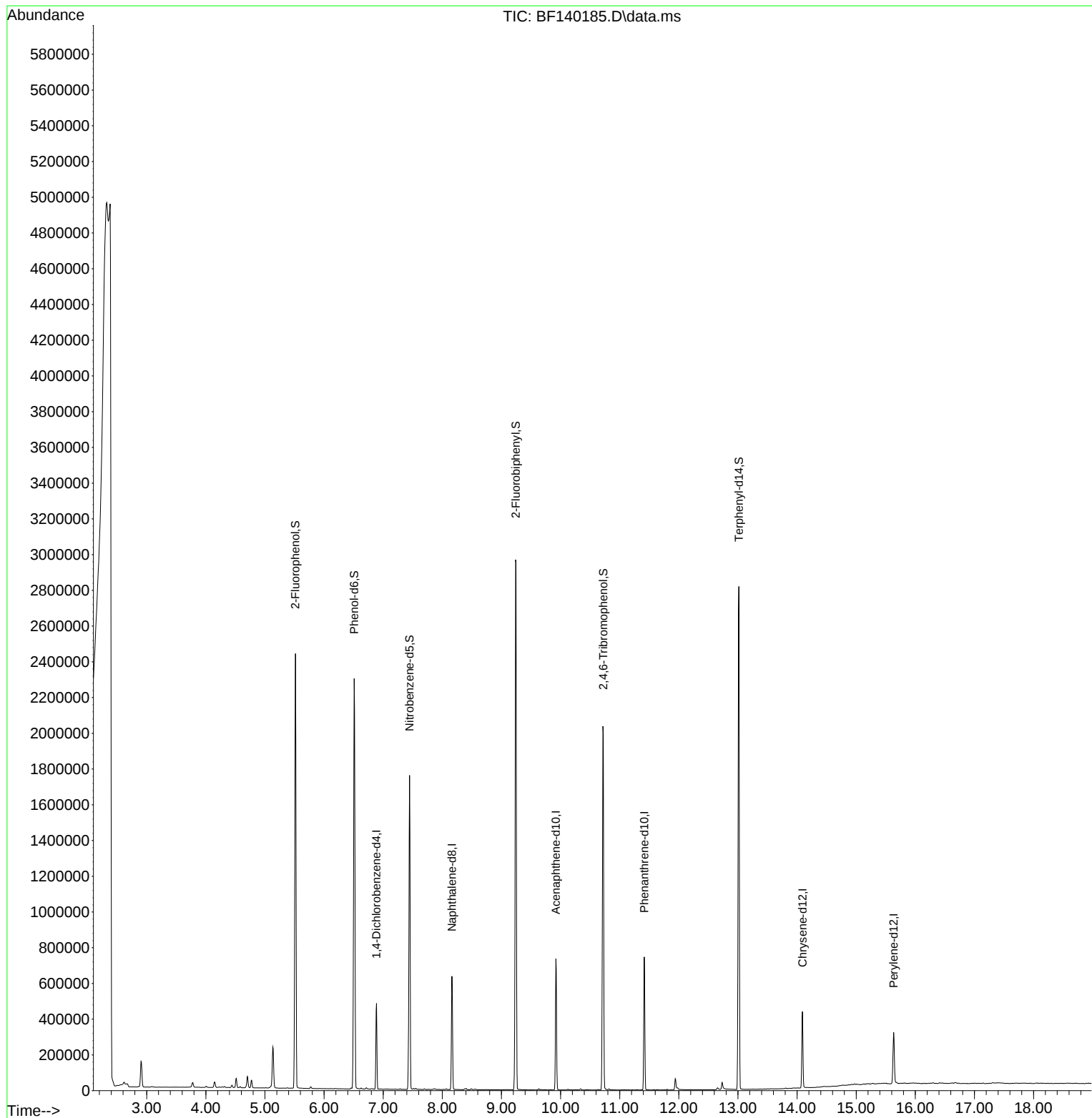
Target Compounds	Qvalue

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

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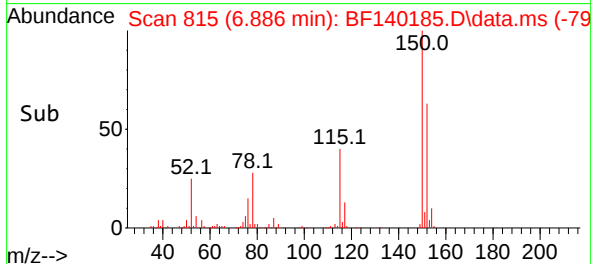
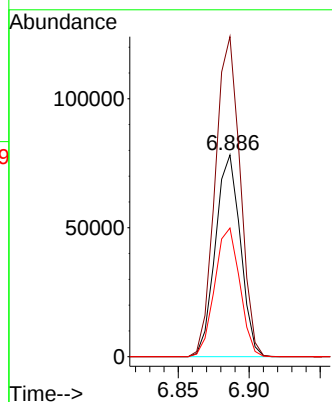
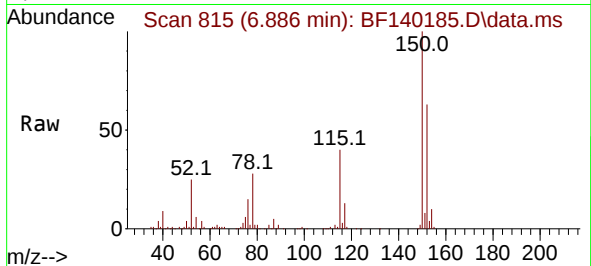




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

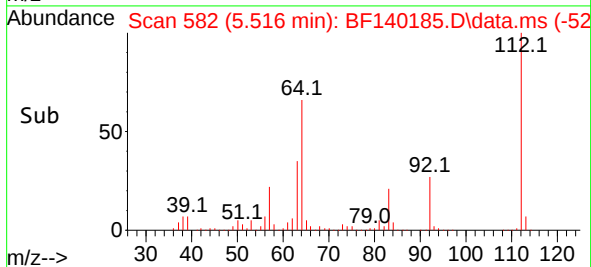
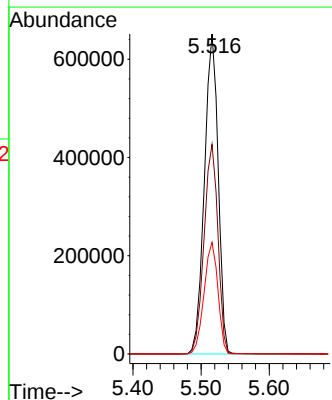
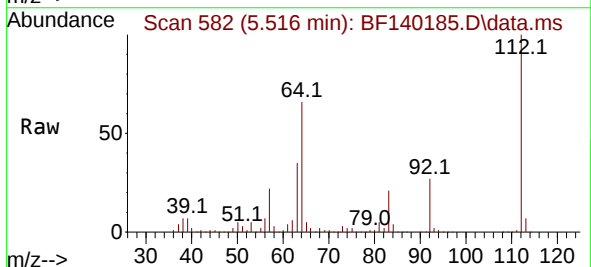
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 95584
Ion Ratio Lower Upper
152 100
150 158.6 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 150.197 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion:112 Resp: 917056
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.9 27.0 40.4





#7
Phenol-d6
Concen: 145.249 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

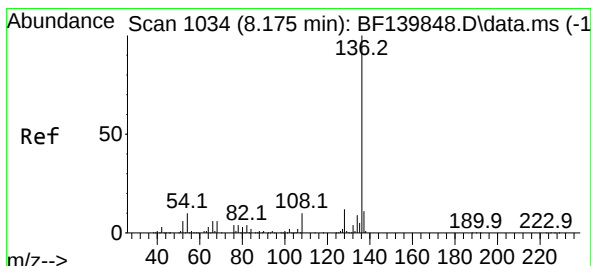
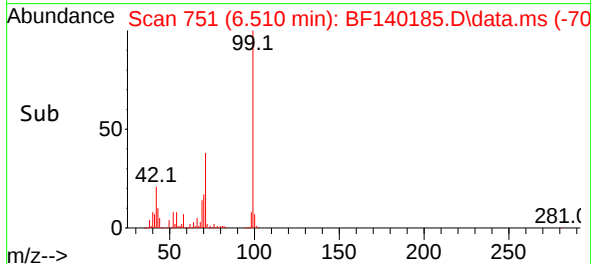
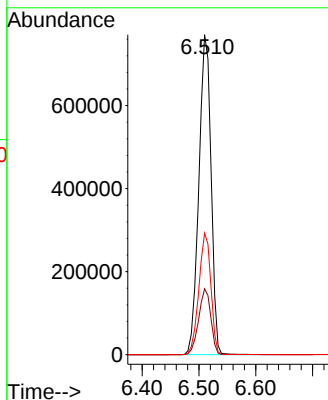
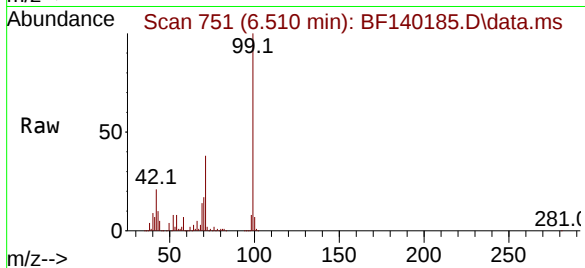
Instrument :

BNA_F

ClientSampleId :

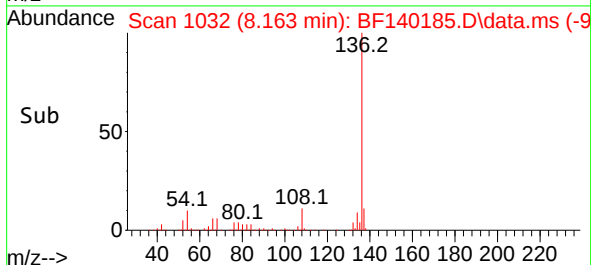
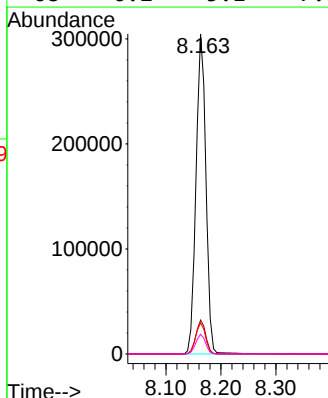
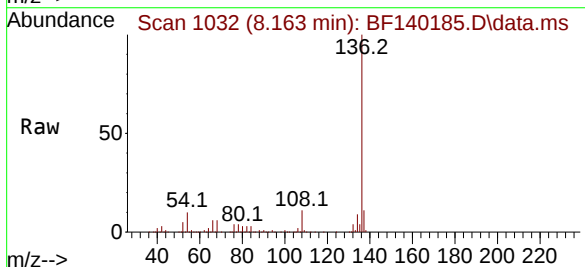
TP-3

Tgt Ion: 99 Resp: 1148612
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 38.0 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: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion:136 Resp: 381109
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.7 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 117.397 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TP-3

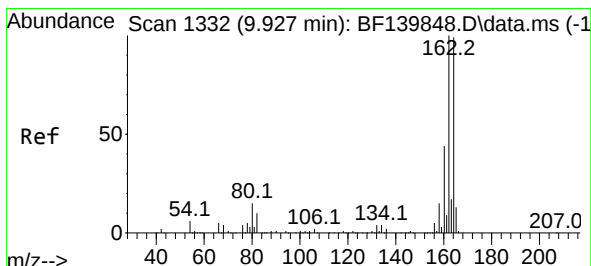
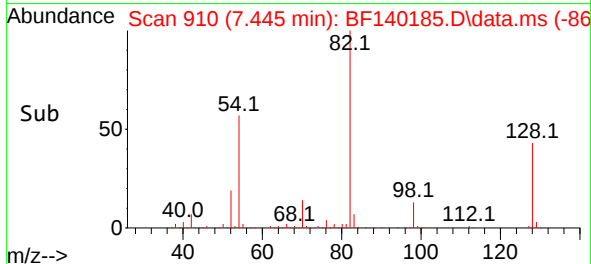
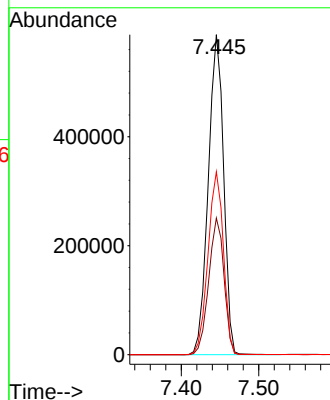
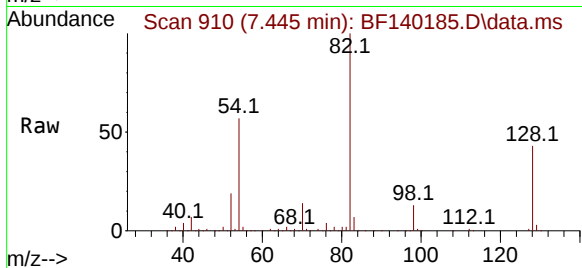
Tgt Ion: 82 Resp: 807257

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

54 57.1 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

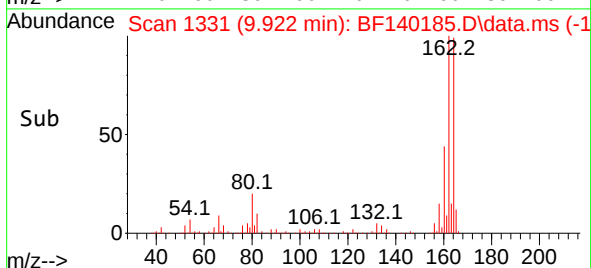
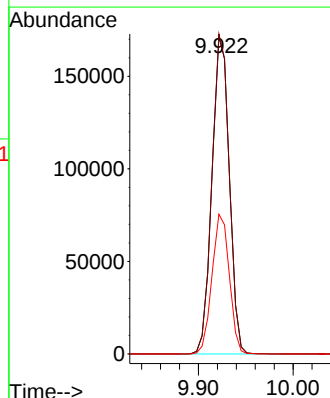
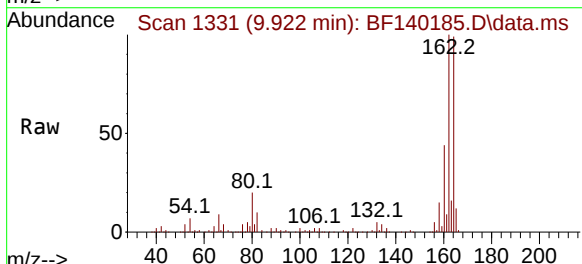
Tgt Ion:164 Resp: 217744

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

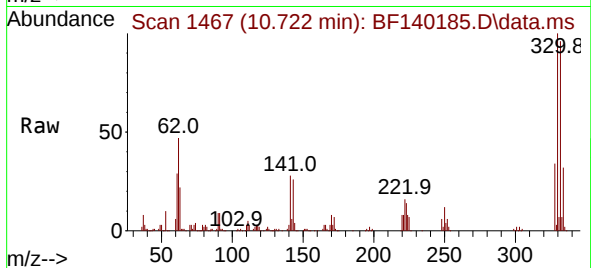
160 44.0 35.4 53.0



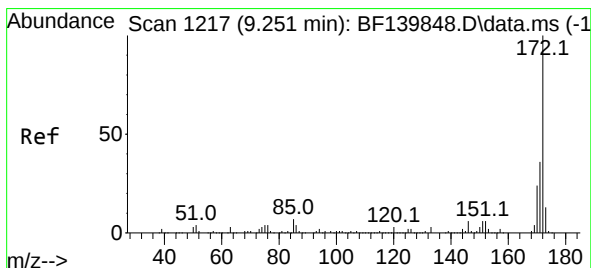
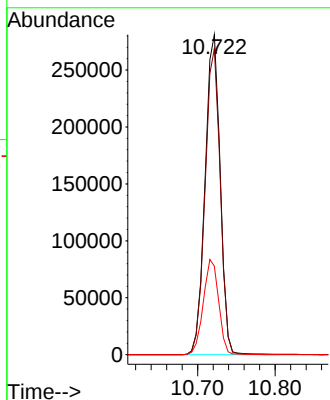
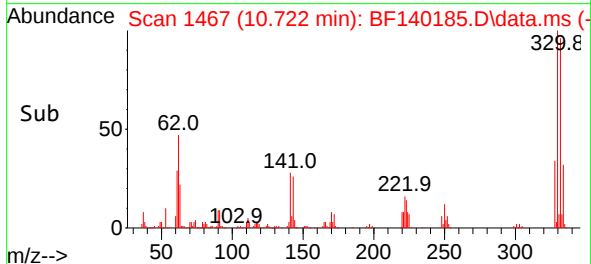


#42
2,4,6-Tribromophenol
Concen: 186.679 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Instrument :
BNA_F
ClientSampleId :
TP-3

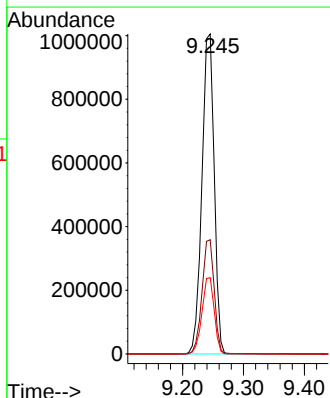
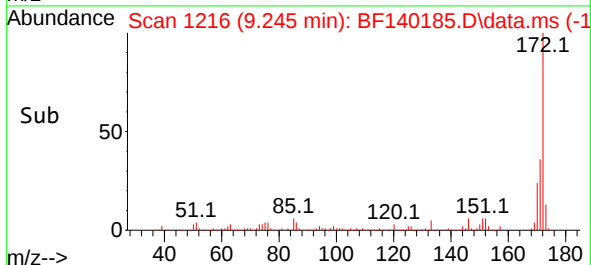
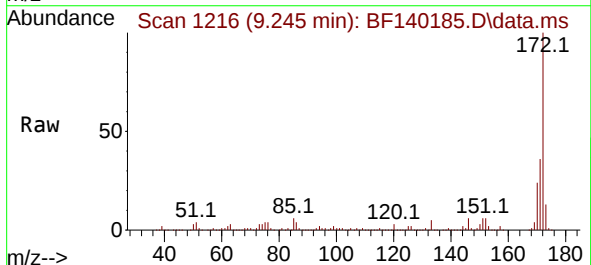


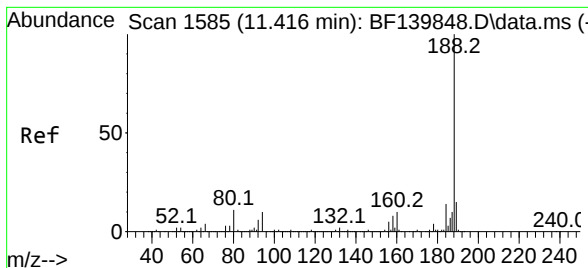
Tgt Ion:330 Resp: 380210
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 30.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 107.337 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140185.D
Acq: 31 Oct 2024 13:29

Tgt Ion:172 Resp: 1414178
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

Instrument :

BNA_F

ClientSampleId :

TP-3

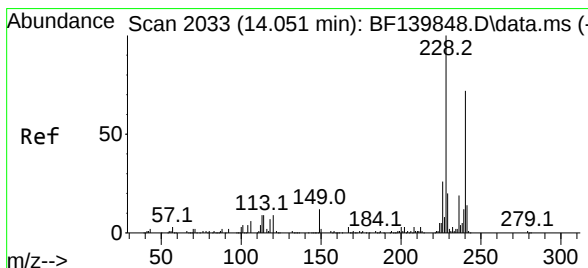
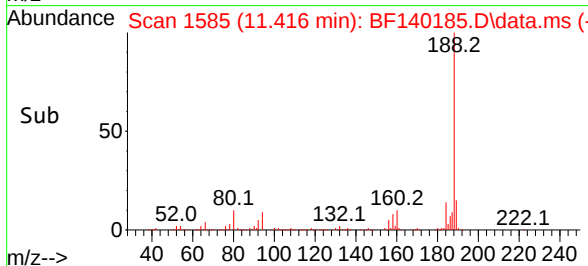
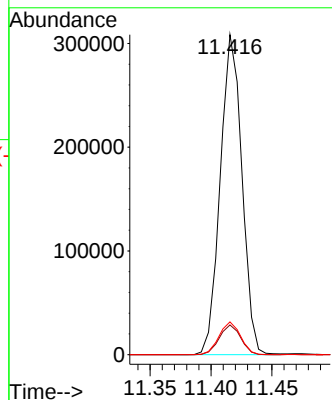
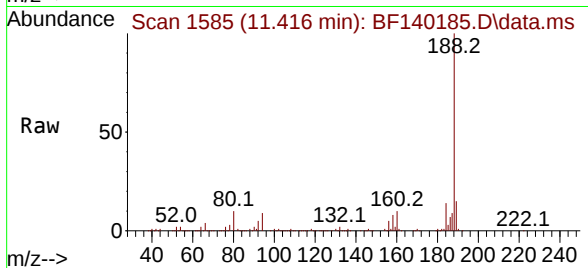
Tgt Ion:188 Resp: 382727

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.041 min

Lab File: BF140185.D

Acq: 31 Oct 2024 13:29

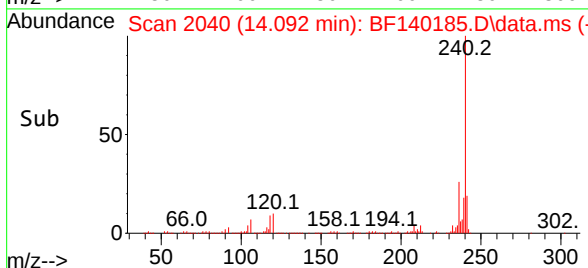
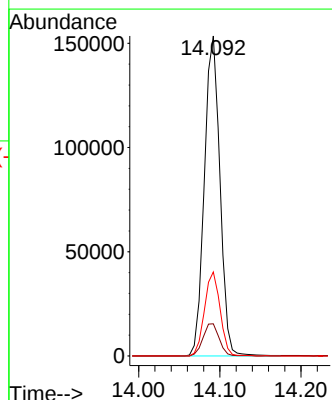
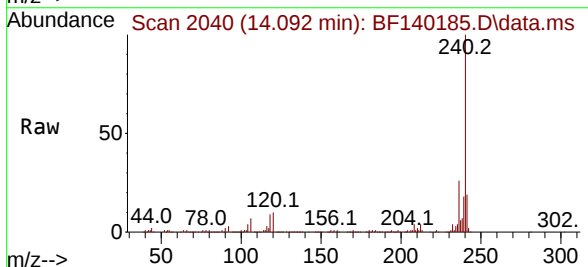
Tgt Ion:240 Resp: 204395

Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.2

236 26.3 20.9 31.3

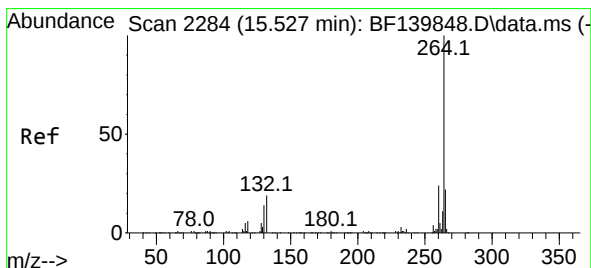
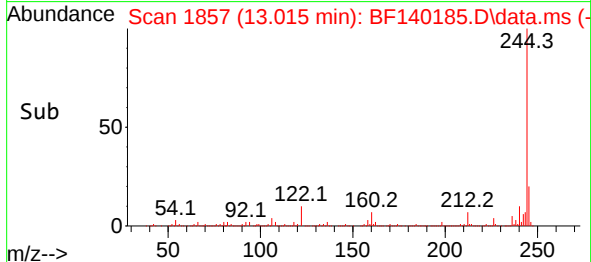
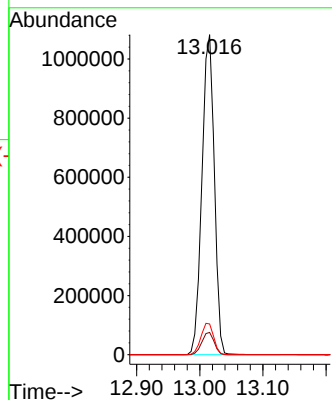
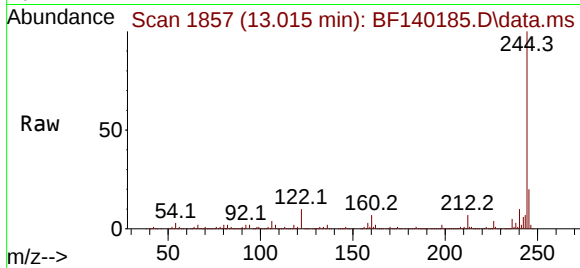




#79
 Terphenyl-d14
 Concen: 117.540 ng
 RT: 13.015 min Scan# 1
 Delta R.T. 0.018 min
 Lab File: BF140185.D
 Acq: 31 Oct 2024 13:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1474365
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2302
 Delta R.T. 0.106 min
 Lab File: BF140185.D
 Acq: 31 Oct 2024 13:29

Tgt Ion:264 Resp: 171801
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.5 17.4 26.0

