

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140116.D
 Acq On : 29 Oct 2024 17:18
 Operator : RC/JU
 Sample : P4594-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17

Quant Time: Oct 29 18:09:35 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	128284	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	516905	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	297540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	534250	20.000	ng	0.00
76) Chrysene-d12	14.057	240	284650	20.000	ng	0.00
86) Perylene-d12	15.557	264	276233	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	753656	91.971	ng	0.01
7) Phenol-d6	6.510	99	976120	91.972	ng	0.00
23) Nitrobenzene-d5	7.445	82	641780	68.813	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299315	107.547	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1179471	65.514	ng	0.00
79) Terphenyl-d14	12.998	244	1217567	69.700	ng	0.00

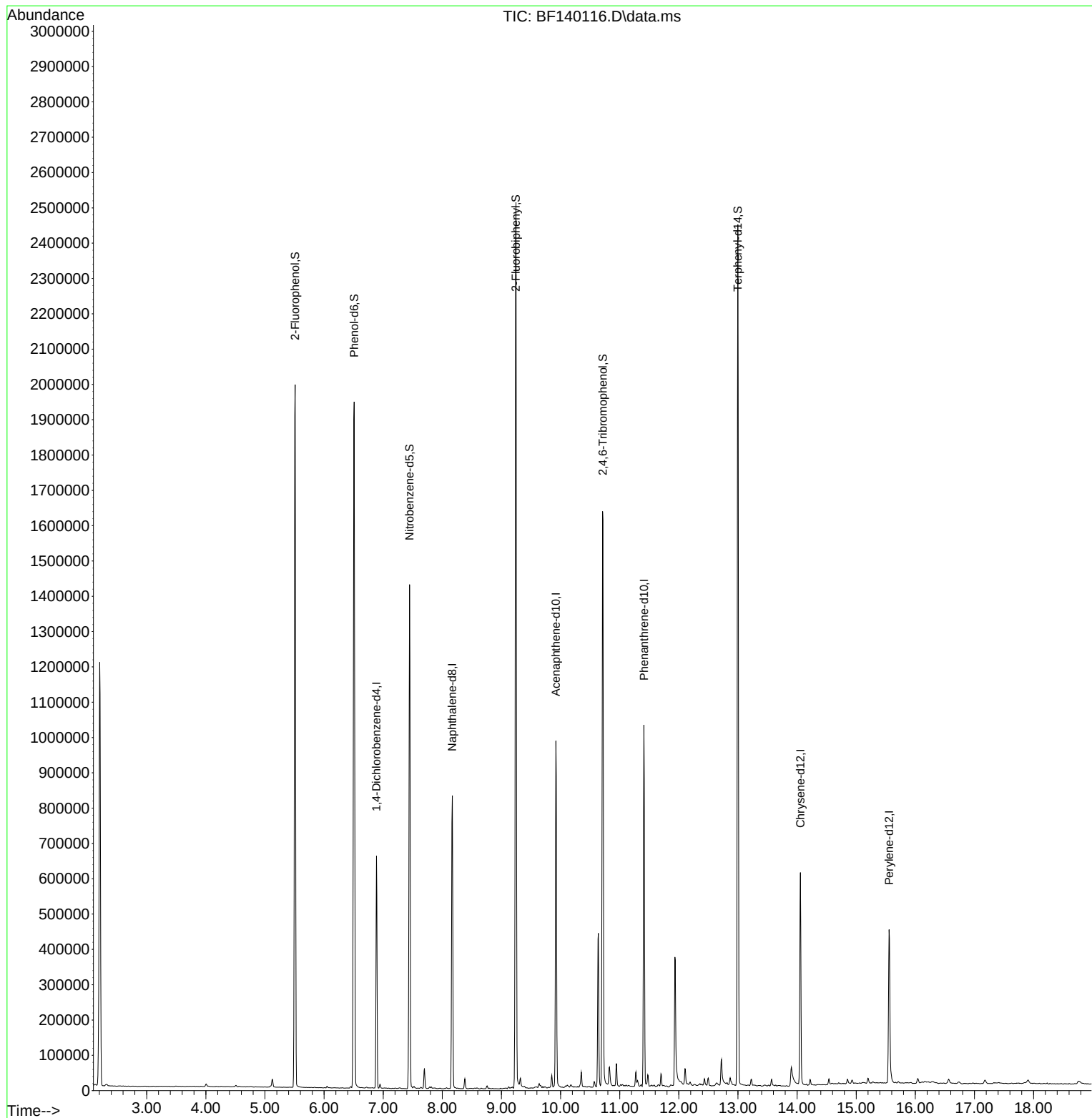
Target Compounds	Qvalue

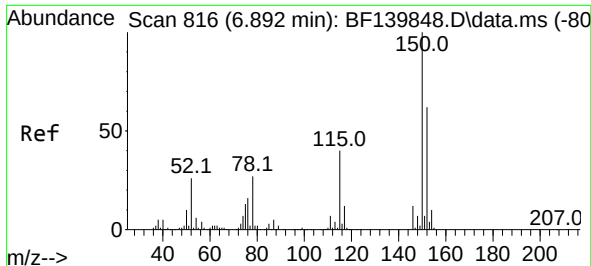
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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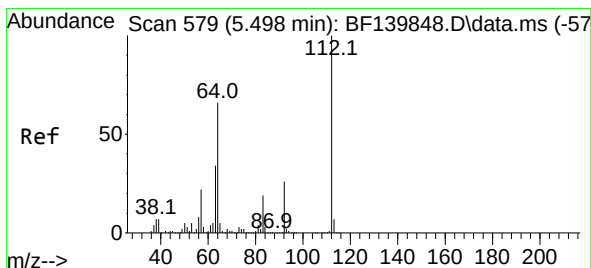
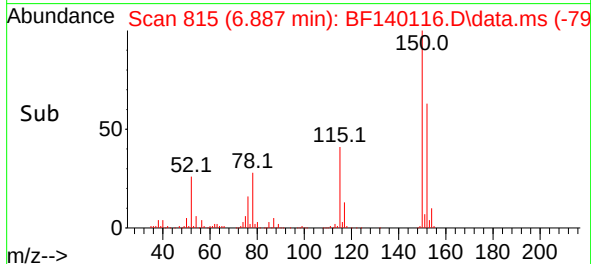
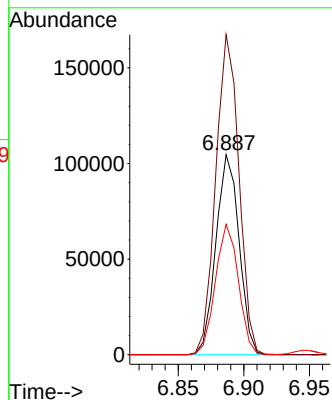
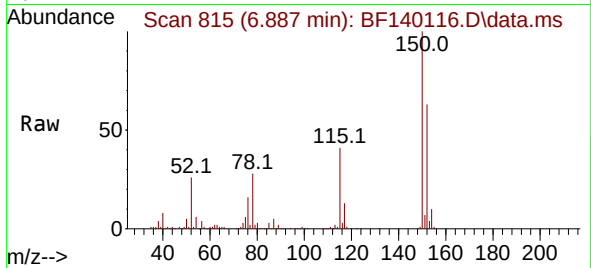




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

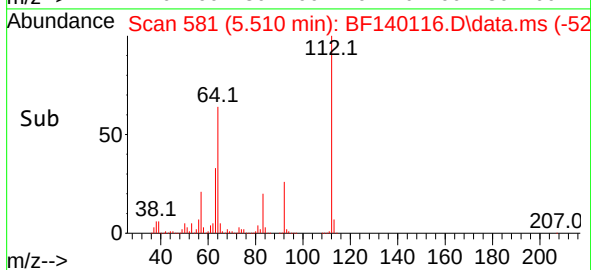
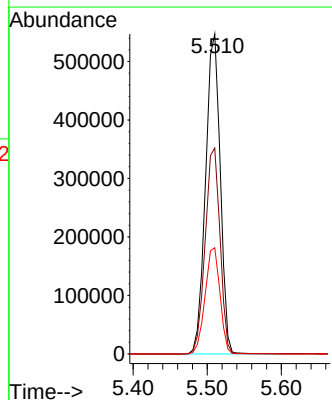
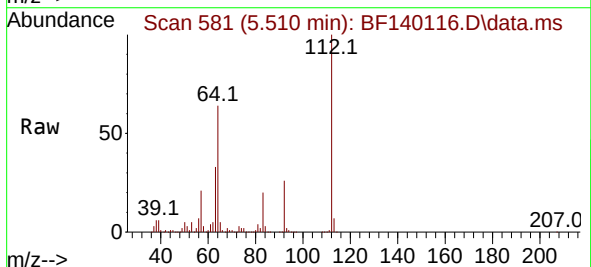
Instrument :
BNA_F
ClientSampleId :
BP-F17

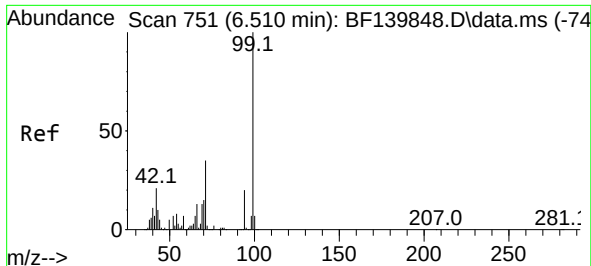
Tgt Ion:152 Resp: 128284
Ion Ratio Lower Upper
152 100
150 159.9 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 91.971 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:112 Resp: 753656
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.2 27.0 40.4

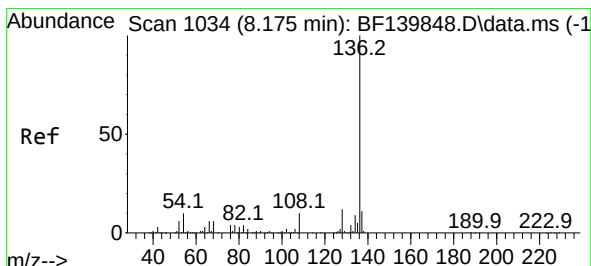
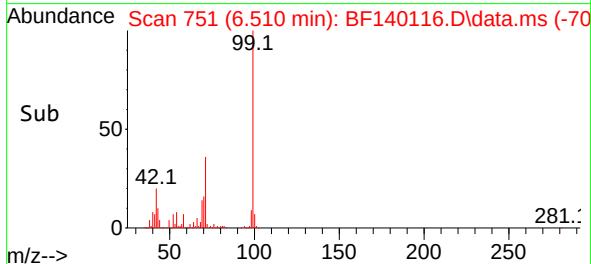
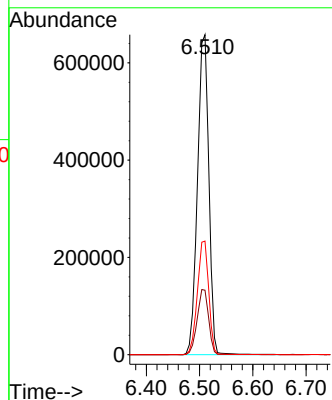
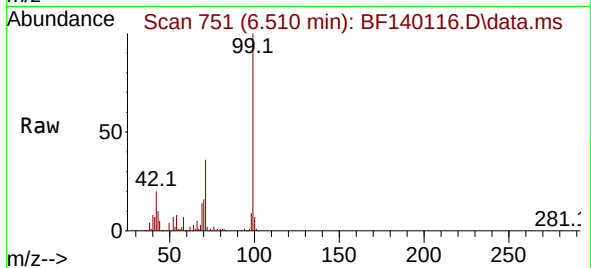




#7
Phenol-d6
Concen: 91.972 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

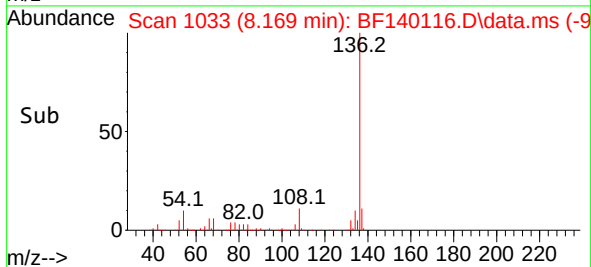
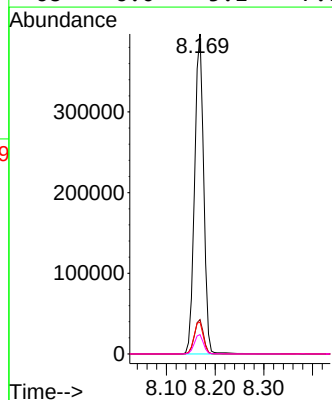
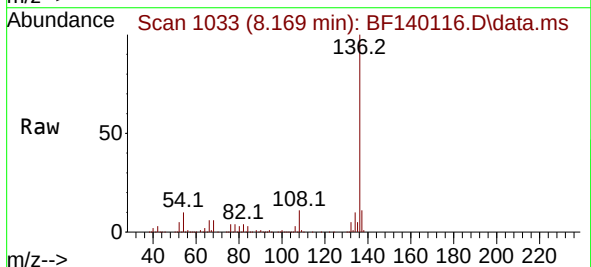
Instrument :
BNA_F
ClientSampleId :
BP-F17

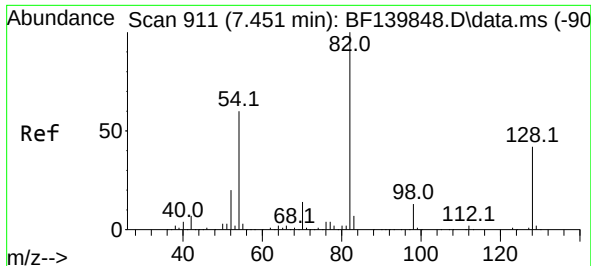
Tgt Ion: 99 Resp: 976120
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion: 136 Resp: 516905
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 68.813 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

Instrument :

BNA_F

ClientSampleId :

BP-F17

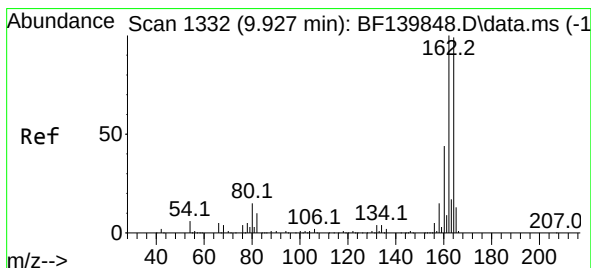
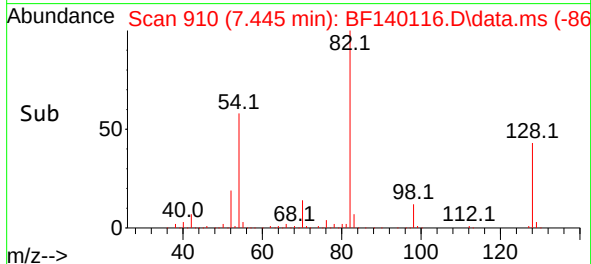
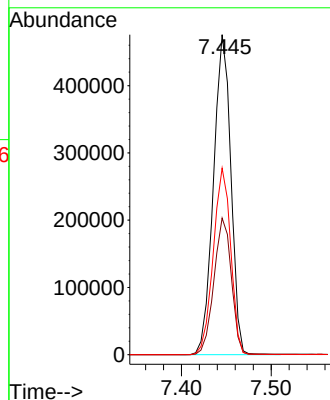
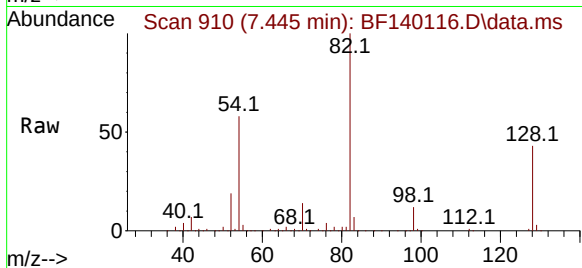
Tgt Ion: 82 Resp: 641780

Ion Ratio Lower Upper

82 100

128 42.7 33.4 50.0

54 58.3 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: BF140116.D

Acq: 29 Oct 2024 17:18

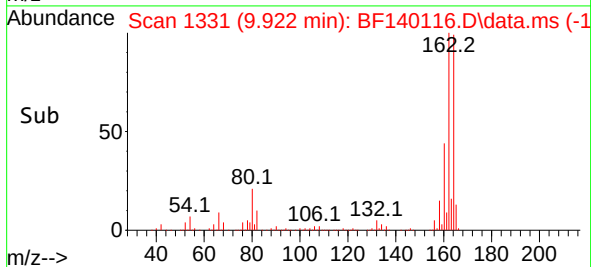
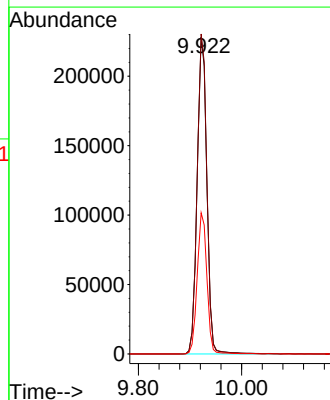
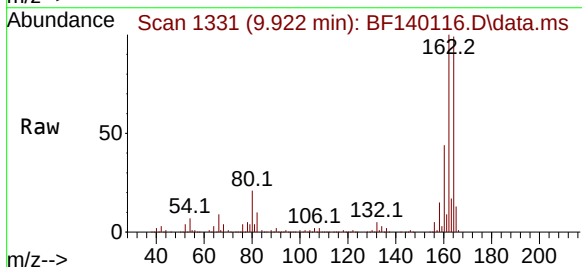
Tgt Ion:164 Resp: 297540

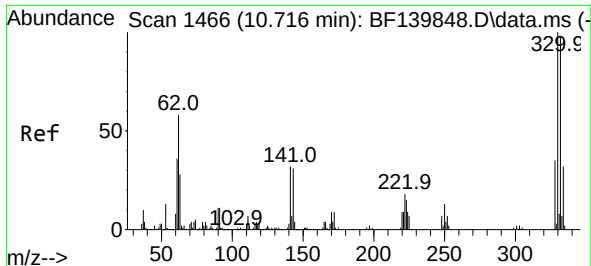
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 107.547 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

Instrument :

BNA_F

ClientSampleId :

BP-F17

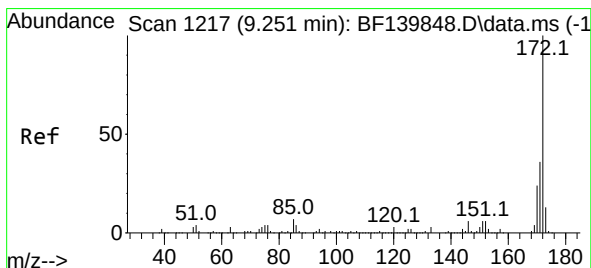
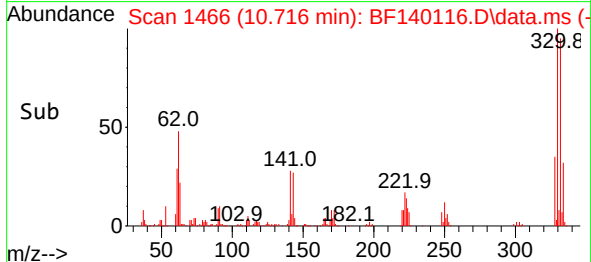
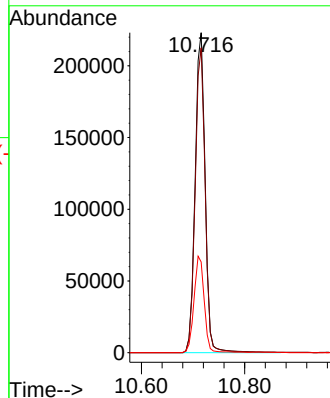
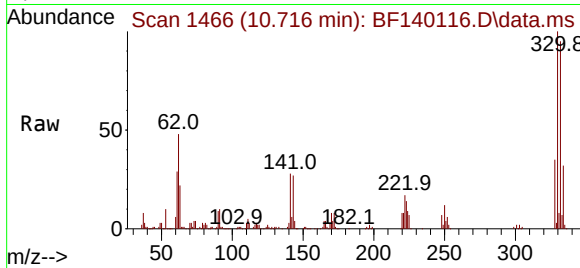
Tgt Ion:330 Resp: 299315

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

141 31.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.514 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

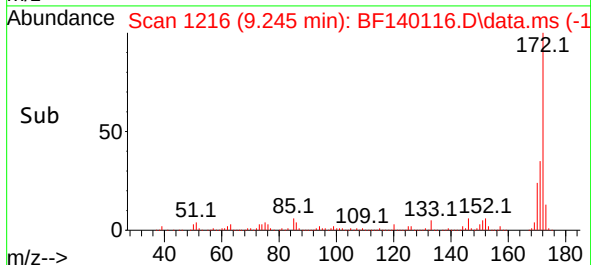
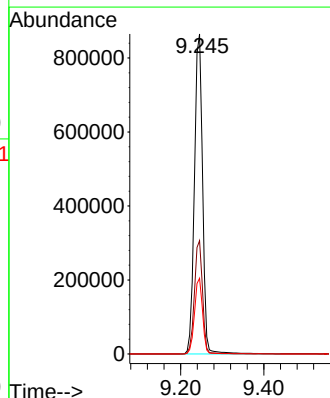
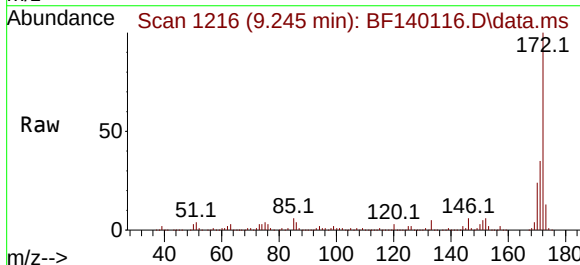
Tgt Ion:172 Resp: 1179471

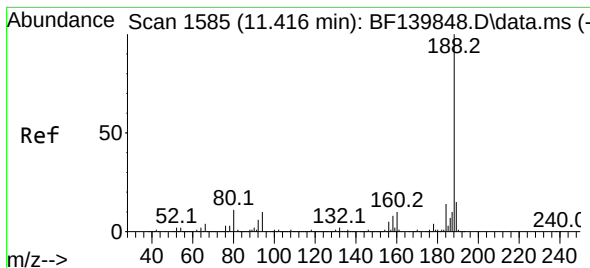
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

Instrument :

BNA_F

ClientSampleId :

BP-F17

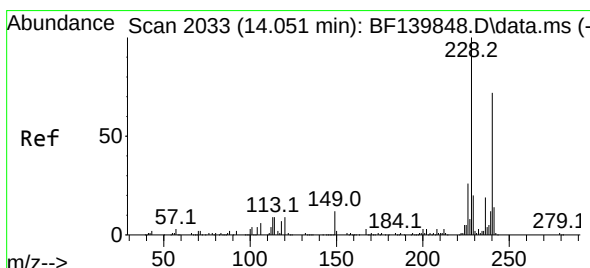
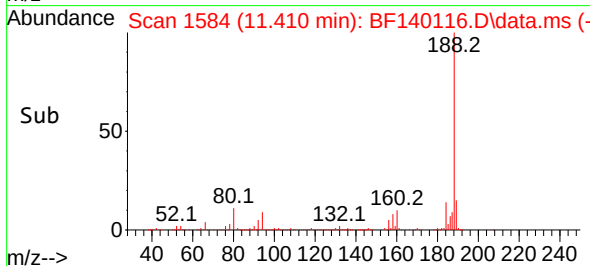
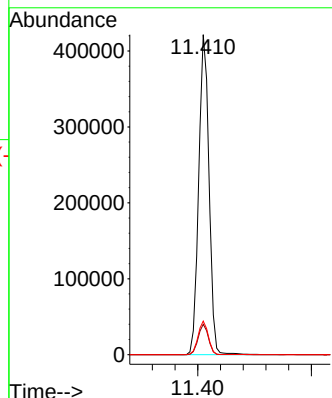
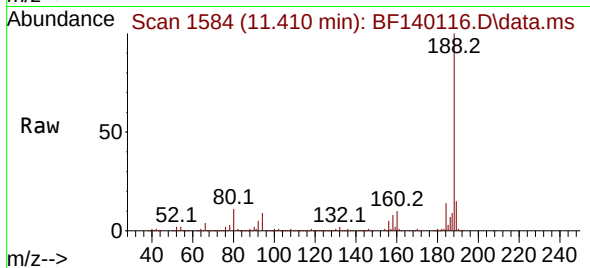
Tgt Ion:188 Resp: 534250

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

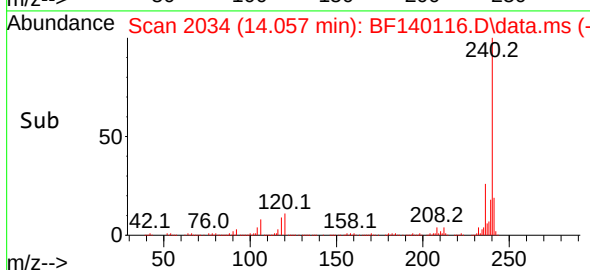
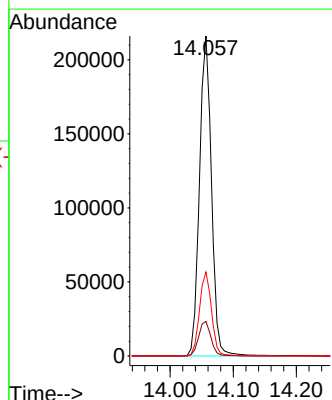
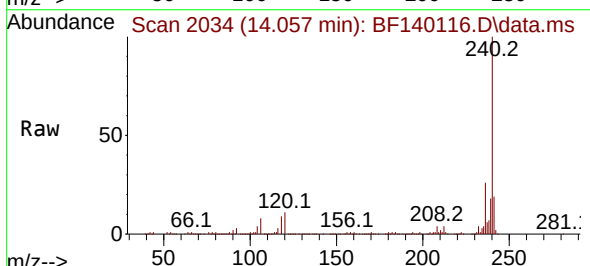
Tgt Ion:240 Resp: 284650

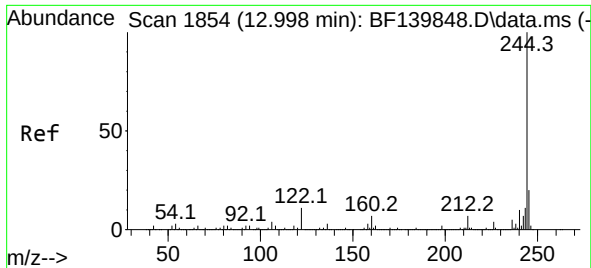
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.3 20.9 31.3

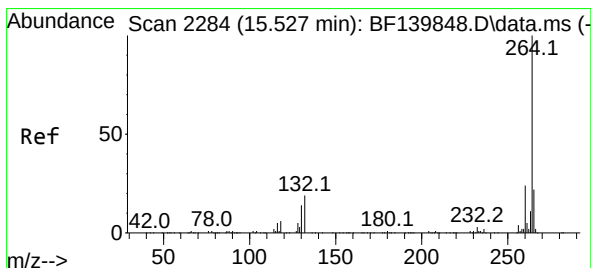
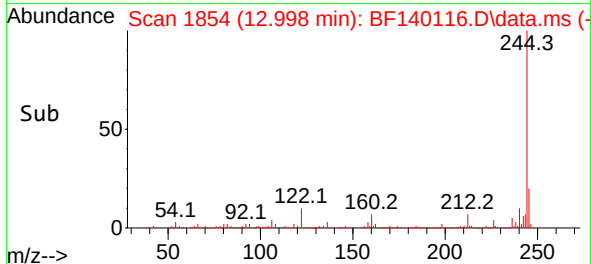
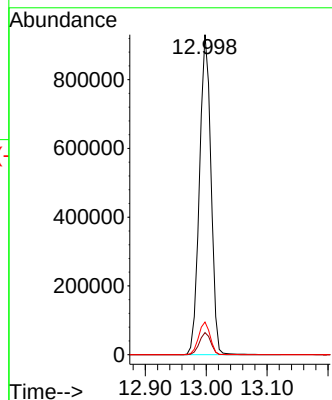
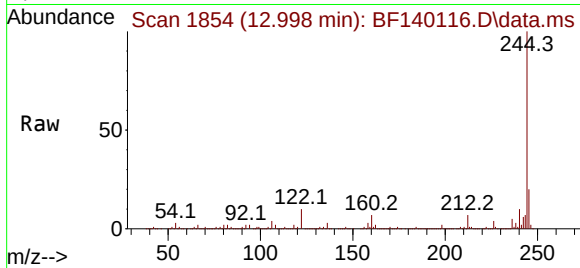




#79
 Terphenyl-d14
 Concen: 69.700 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140116.D
 Acq: 29 Oct 2024 17:18

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17

Tgt Ion:244 Resp: 1217567
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.029 min
 Lab File: BF140116.D
 Acq: 29 Oct 2024 17:18

Tgt Ion:264 Resp: 276233
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.4 17.4 26.0

