

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140029.D
 Acq On : 25 Oct 2024 11:14
 Operator : RC/JU
 Sample : PB164374BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164374BL

Quant Time: Oct 25 11:53:03 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	100466	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	385099	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	215593	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	387720	20.000	ng	0.00
76) Chrysene-d12	14.051	240	242877	20.000	ng	0.00
86) Perylene-d12	15.527	264	193127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	814816	126.967	ng	0.02
7) Phenol-d6	6.510	99	1023107	123.091	ng	0.00
23) Nitrobenzene-d5	7.445	82	677253	97.471	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299003	148.272	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1245914	95.510	ng	0.00
79) Terphenyl-d14	12.998	244	1362394	91.404	ng	0.00

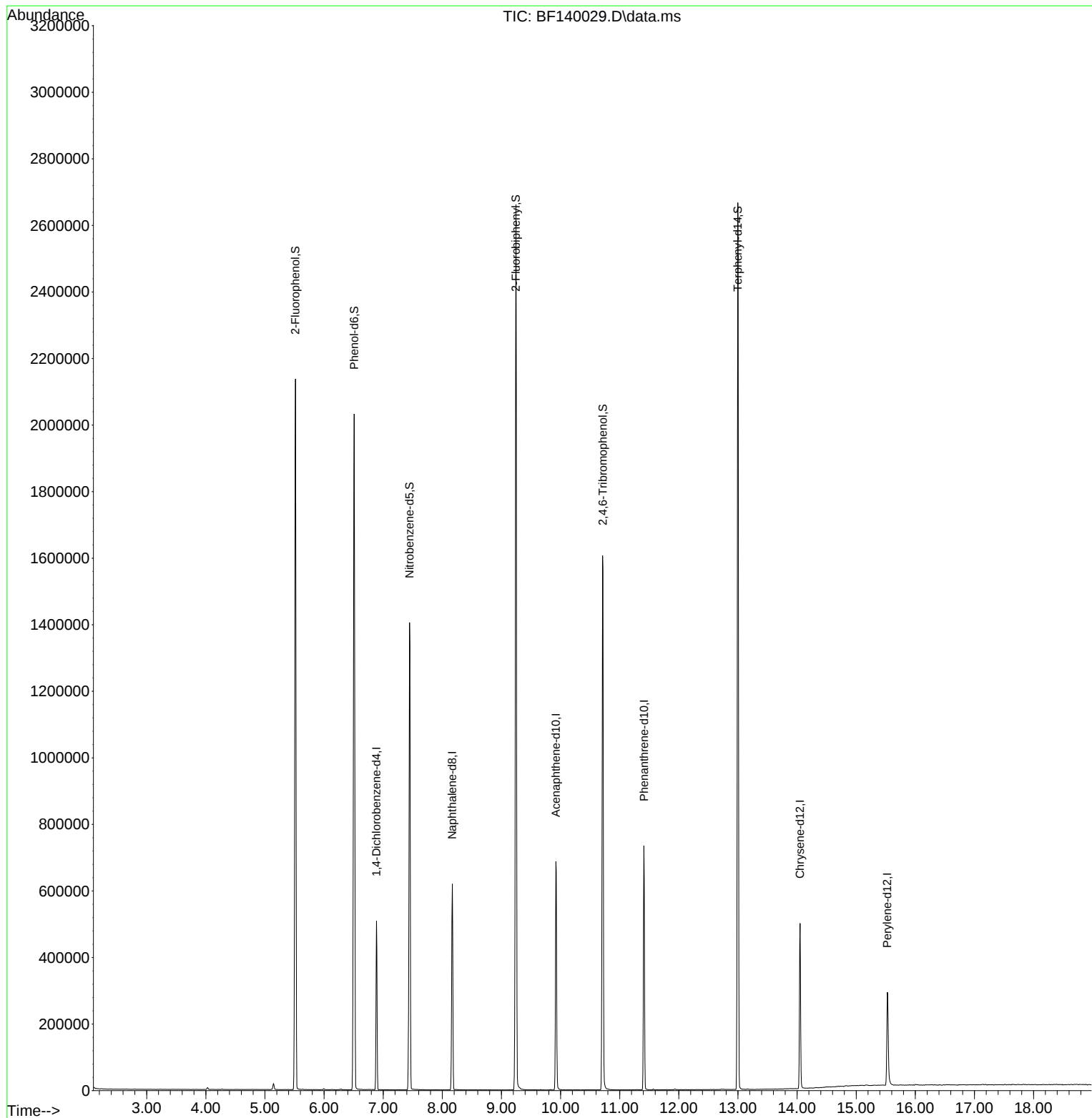
Target Compounds	Qvalue

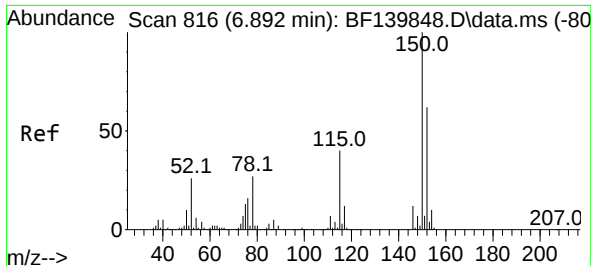
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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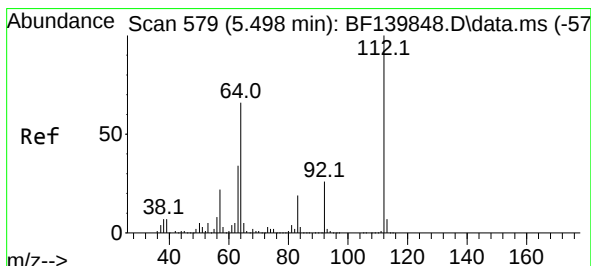
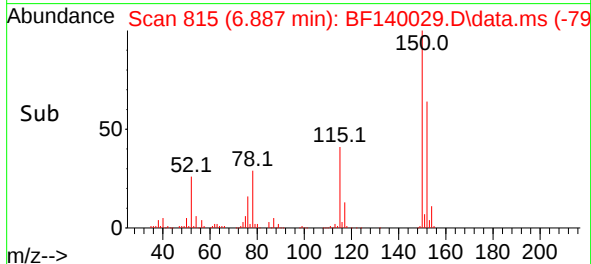
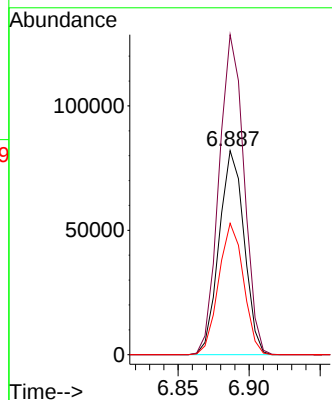
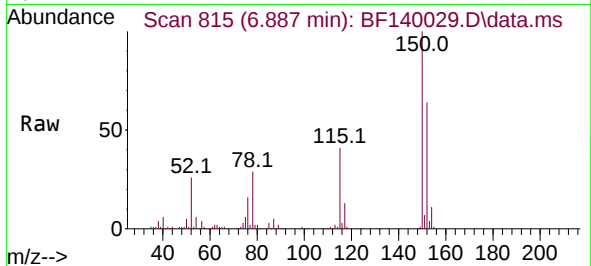




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: BF140029.D
 Acq: 25 Oct 2024 11:14

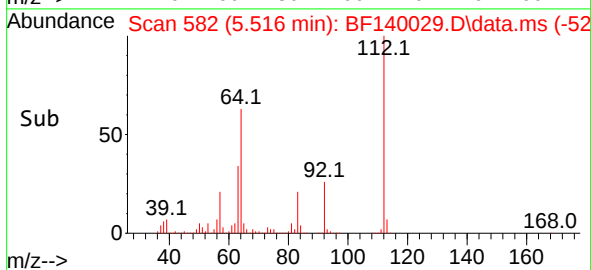
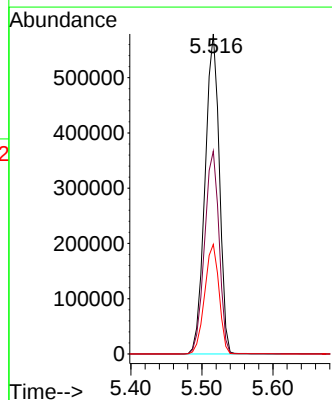
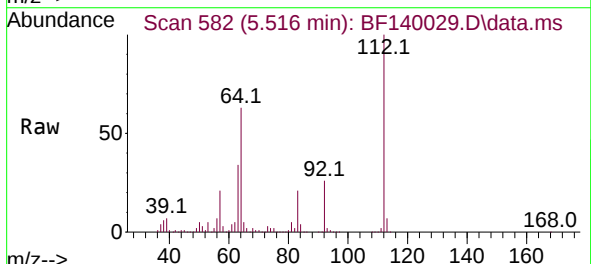
Instrument :
 BNA_F
 ClientSampleId :
 PB164374BL

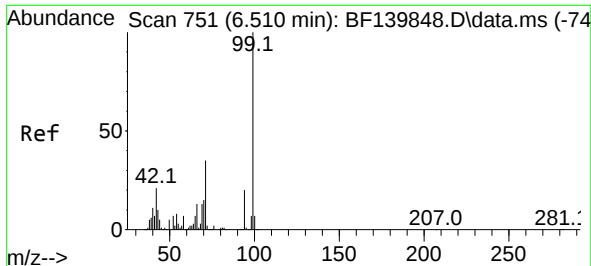
Tgt Ion:152 Resp: 100466
 Ion Ratio Lower Upper
 152 100
 150 156.9 130.2 195.2
 115 64.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 126.967 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.018 min
 Lab File: BF140029.D
 Acq: 25 Oct 2024 11:14

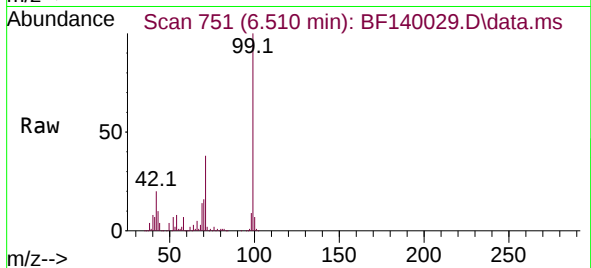
Tgt Ion:112 Resp: 814816
 Ion Ratio Lower Upper
 112 100
 64 63.4 53.0 79.6
 63 34.2 27.0 40.4





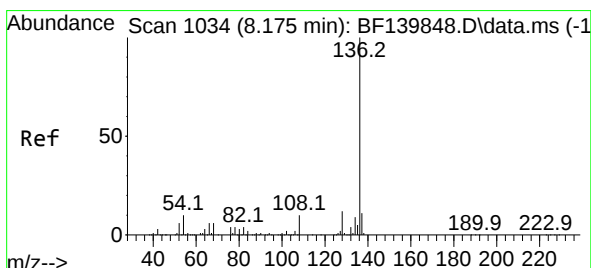
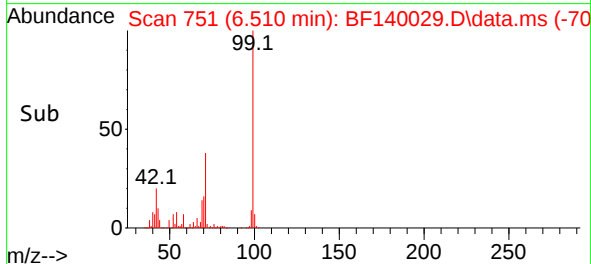
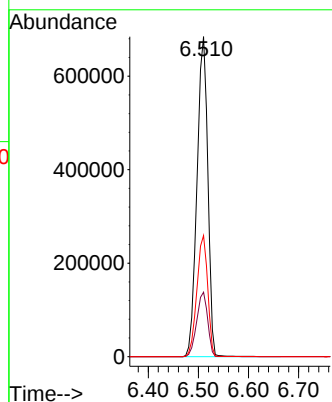
#7
Phenol-d6
Concen: 123.091 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB164374BL



Tgt Ion: 99 Resp: 1023107

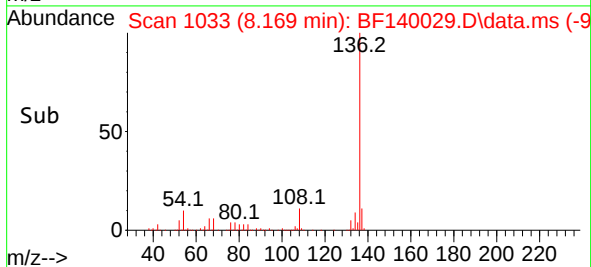
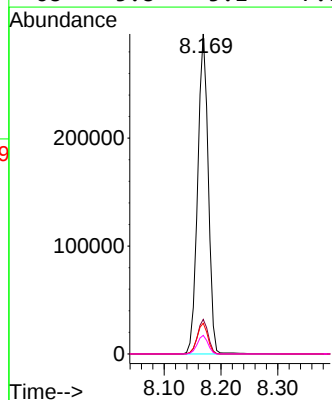
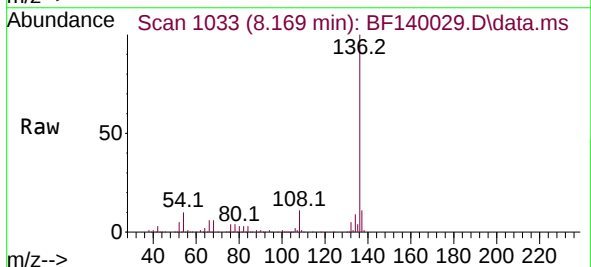
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.7	25.1
71	37.9	27.7	41.5

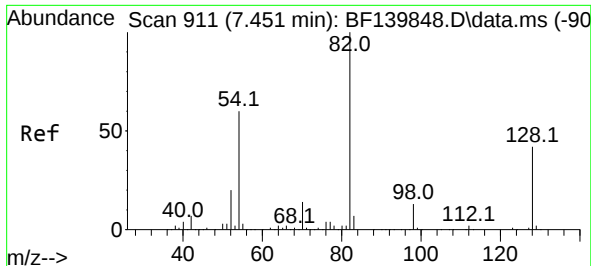


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Tgt Ion: 136 Resp: 385099

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.6	8.4	12.6
68	5.8	5.1	7.7





#23

Nitrobenzene-d5

Concen: 97.471 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140029.D

Acq: 25 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164374BL

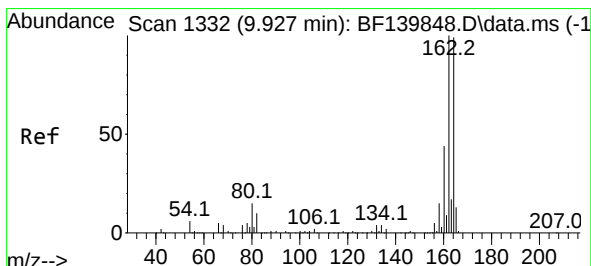
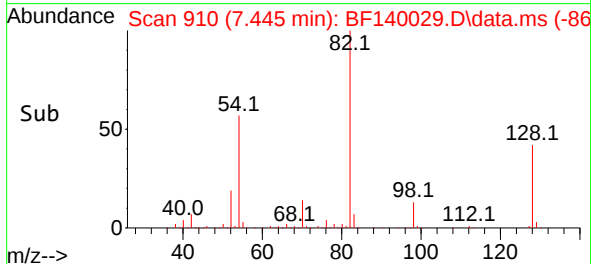
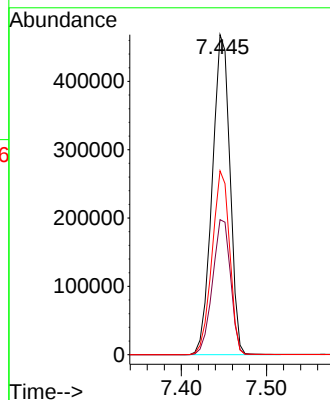
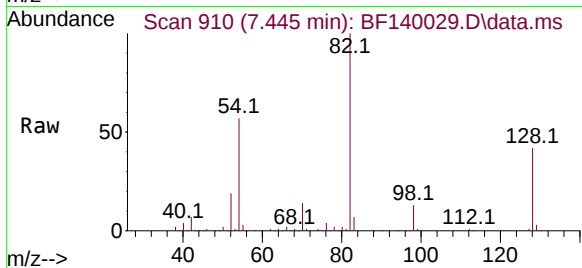
Tgt Ion: 82 Resp: 677253

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 57.4 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: BF140029.D

Acq: 25 Oct 2024 11:14

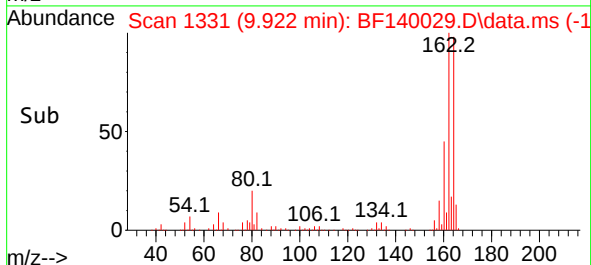
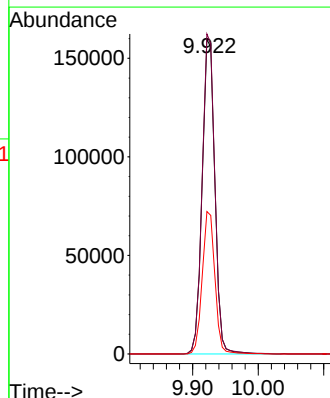
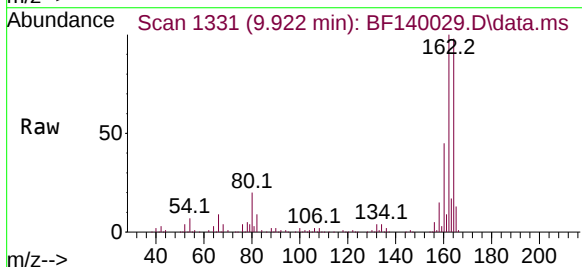
Tgt Ion:164 Resp: 215593

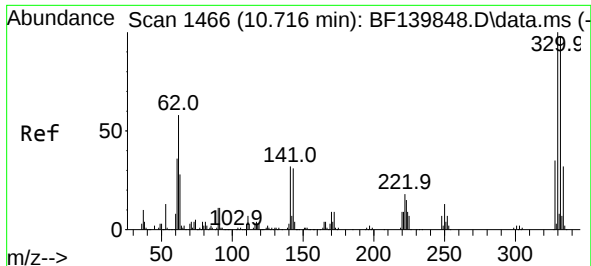
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

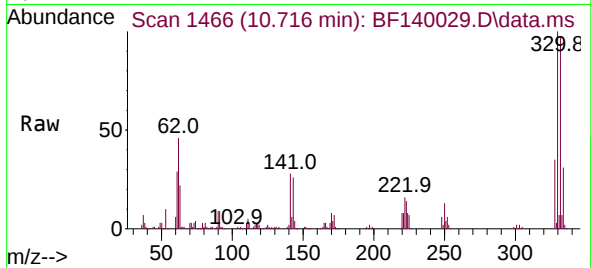
160 45.3 35.4 53.0



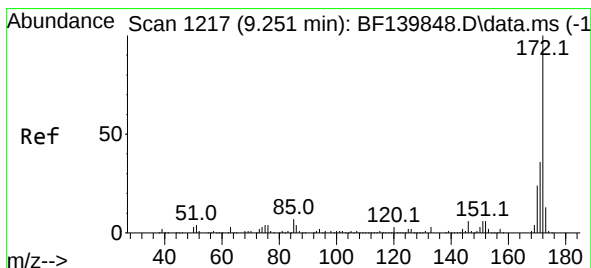
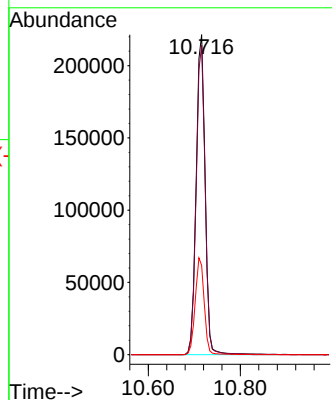
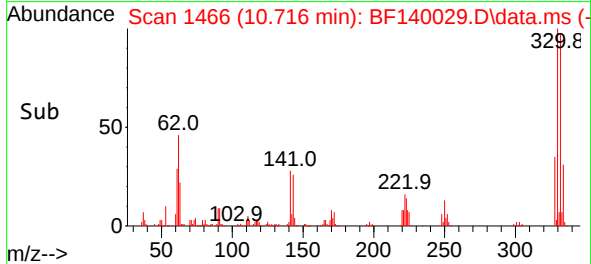


#42
2,4,6-Tribromophenol
Concen: 148.272 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

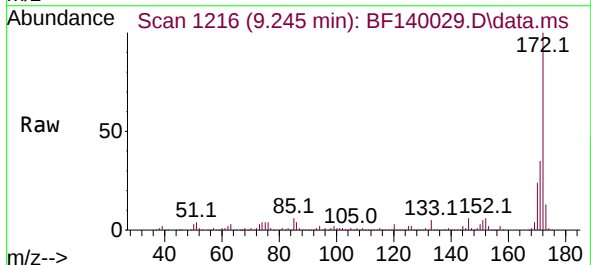
Instrument :
BNA_F
ClientSampleId :
PB164374BL



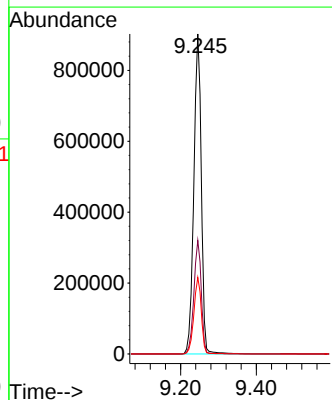
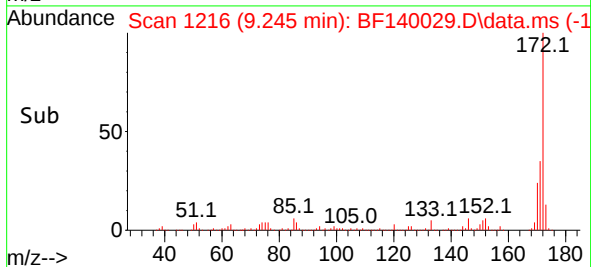
Tgt Ion:330 Resp: 299003
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.3 26.6 39.8

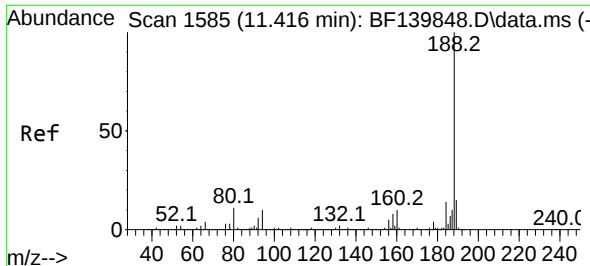


#45
2-Fluorobiphenyl
Concen: 95.510 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14



Tgt Ion:172 Resp: 1245914
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7

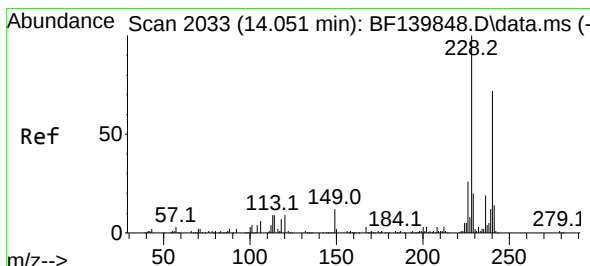
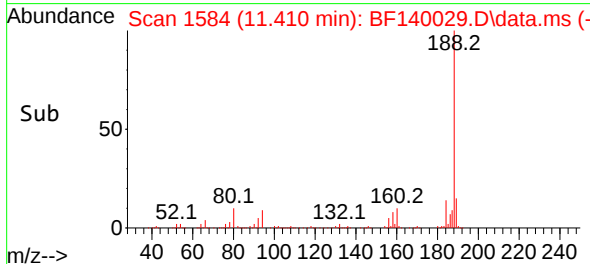
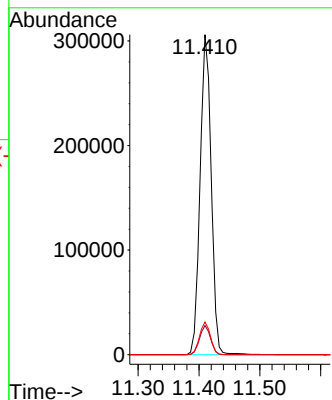
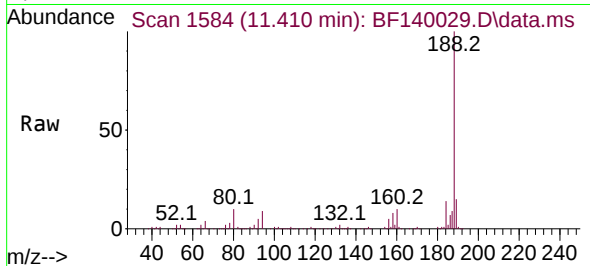




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

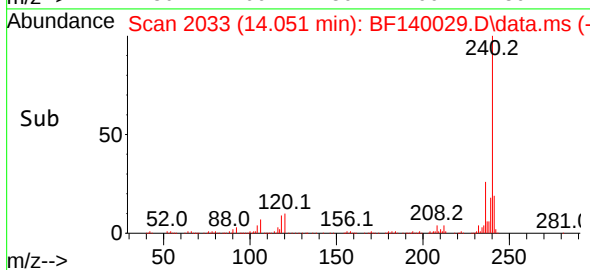
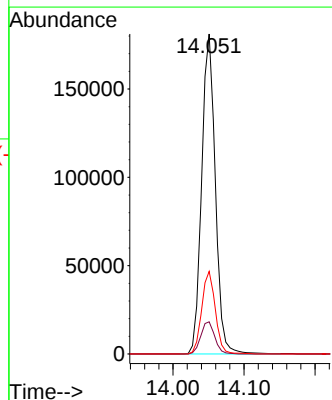
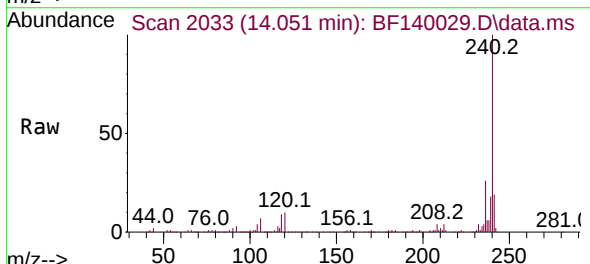
Instrument :
BNA_F
ClientSampleId :
PB164374BL

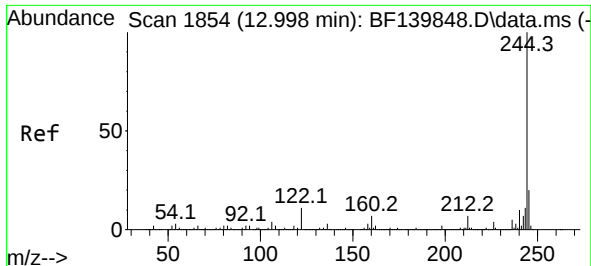
Tgt Ion:188 Resp: 387720
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

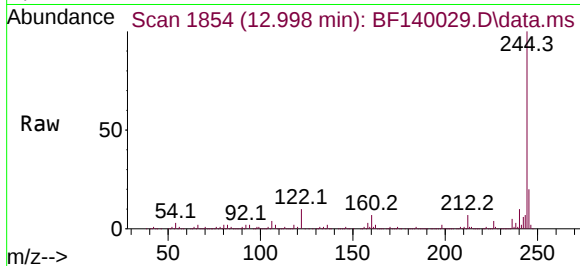
Tgt Ion:240 Resp: 242877
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 25.8 20.9 31.3



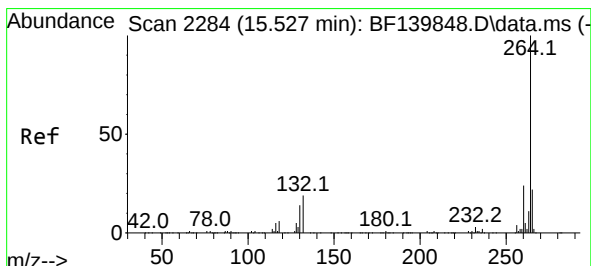
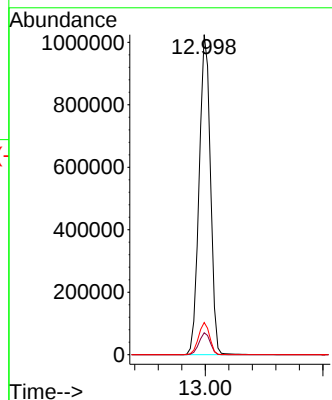
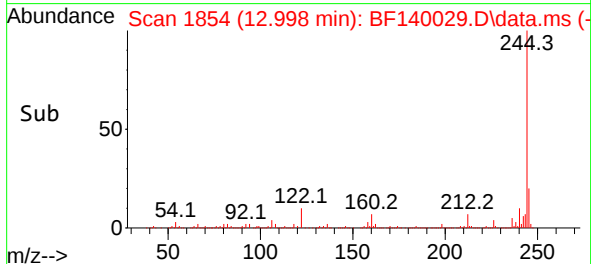


#79
 Terphenyl-d14
 Concen: 91.404 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140029.D
 Acq: 25 Oct 2024 11:14

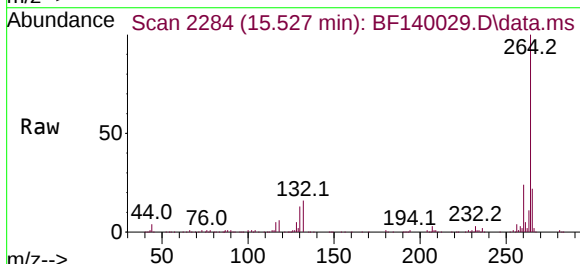
Instrument :
 BNA_F
 ClientSampleId :
 PB164374BL



Tgt Ion:244 Resp: 1362394
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140029.D
 Acq: 25 Oct 2024 11:14



Tgt Ion:264 Resp: 193127
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.4 26.0

