

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139281.D
Acq On : 09 Sep 2024 14:15
Operator : RC/JU
Sample : PB163214BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163214BL

Quant Time: Sep 09 14:49:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	162531	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	625793	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	345706	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	646106	20.000	ng	0.00
76) Chrysene-d12	14.051	240	372881	20.000	ng	0.00
86) Perylene-d12	15.527	264	284691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1153509	118.726	ng	0.01
7) Phenol-d6	6.516	99	1501632	115.775	ng	0.00
23) Nitrobenzene-d5	7.451	82	987677	82.107	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	362736	121.510	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1740392	77.712	ng	0.00
79) Terphenyl-d14	13.004	244	1817893	78.715	ng	0.00

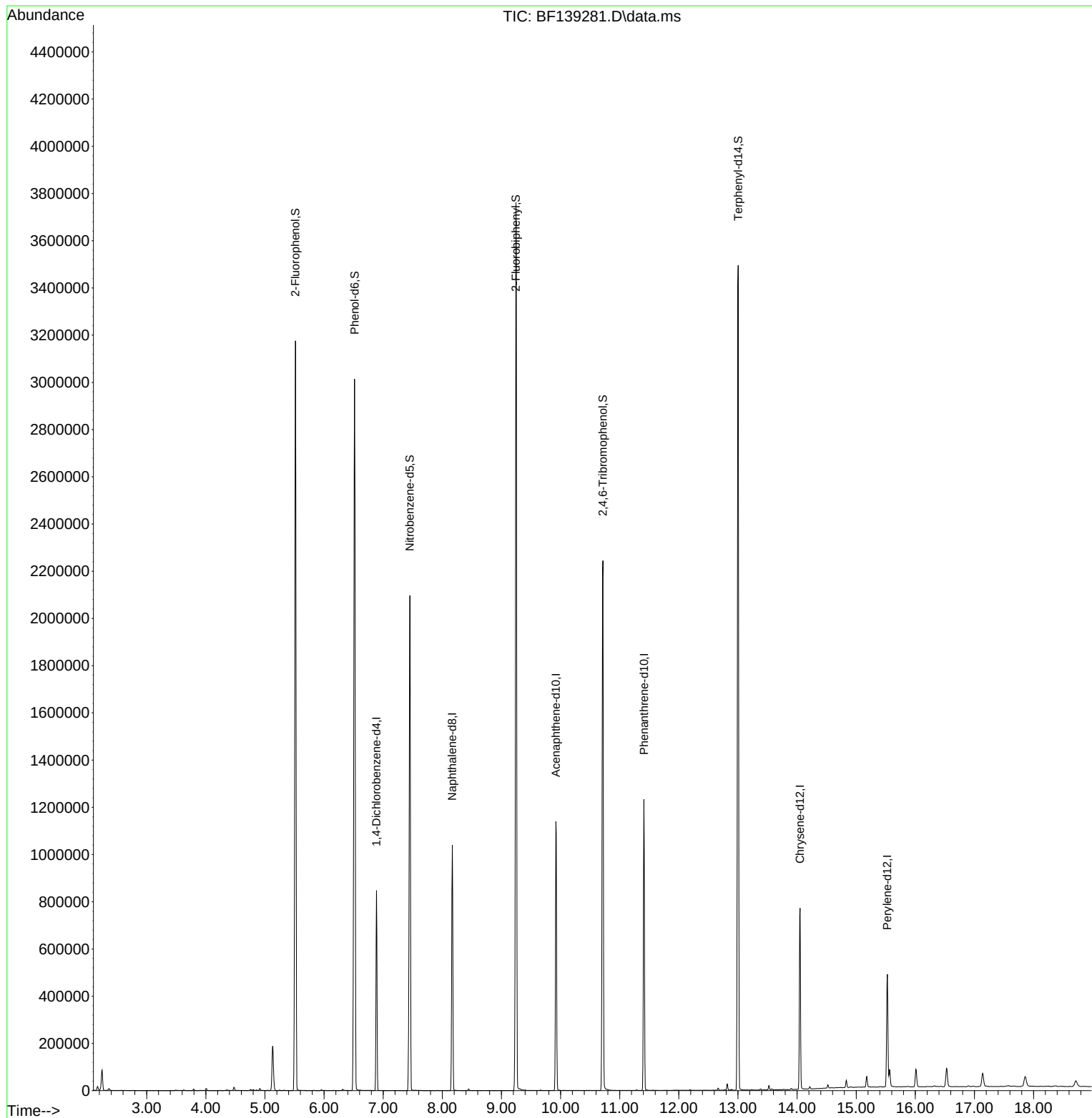
Target Compounds	Qvalue

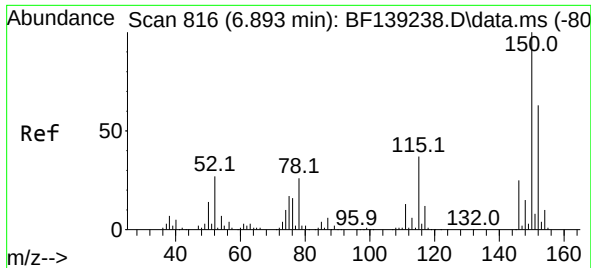
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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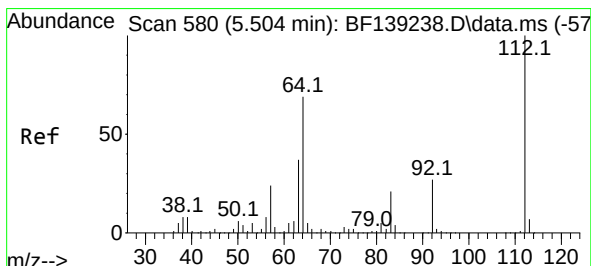
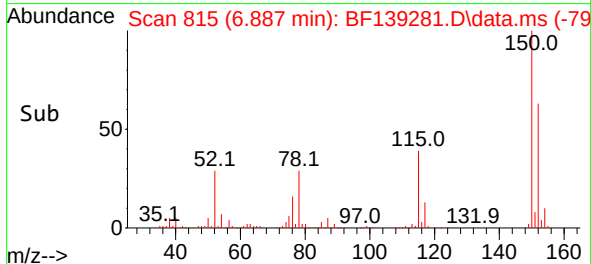
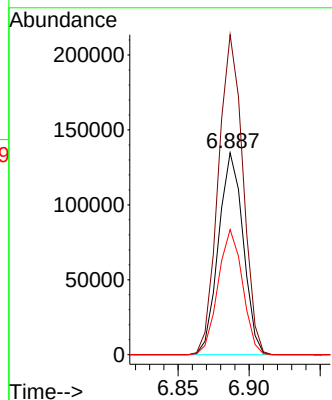
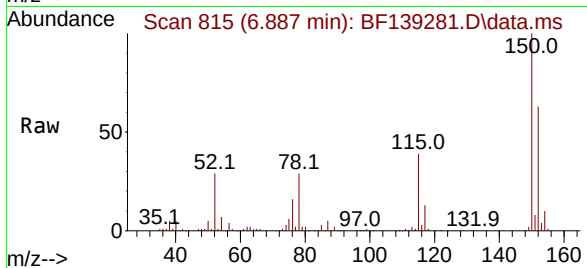




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

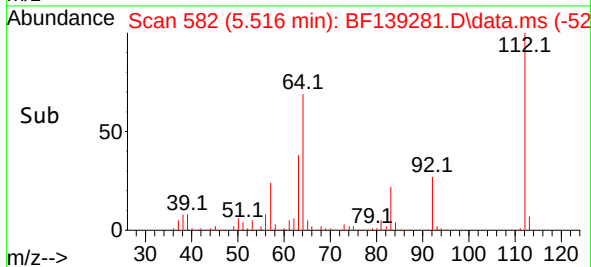
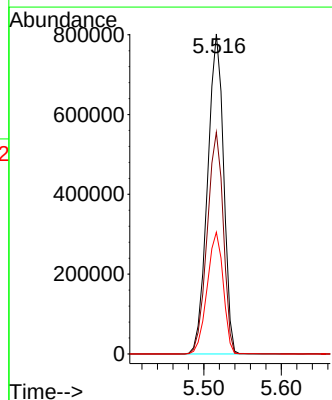
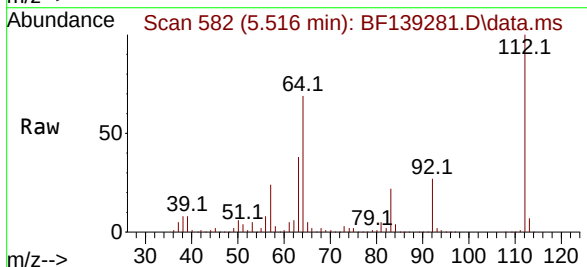
Instrument :
BNA_F
ClientSampleId :
PB163214BL

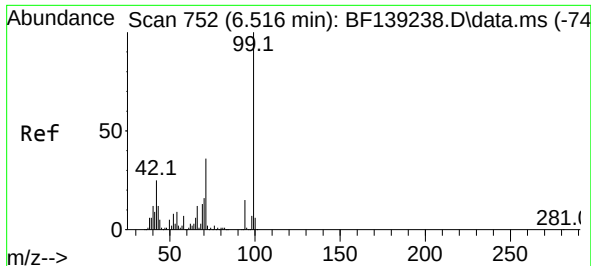
Tgt Ion:152 Resp: 162531
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.4
115 62.0 46.9 70.3



#5
2-Fluorophenol
Concen: 118.726 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion:112 Resp: 1153509
Ion Ratio Lower Upper
112 100
64 69.3 55.0 82.4
63 38.1 29.9 44.9



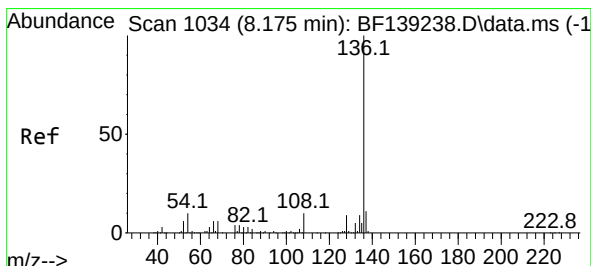
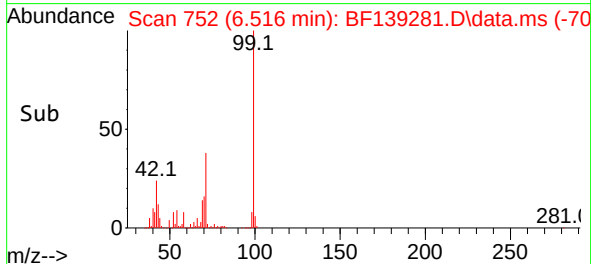
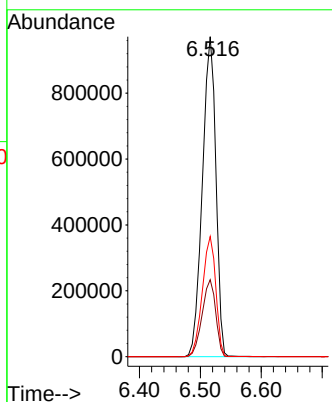
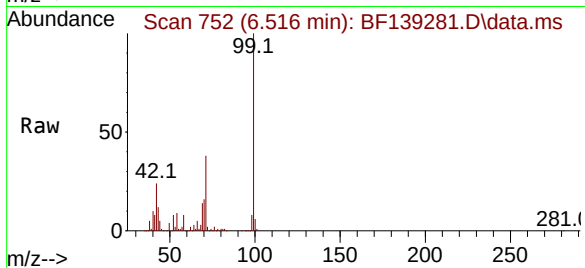


#7
Phenol-d6
Concen: 115.775 ng
RT: 6.516 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Instrument :
BNA_F
ClientSampleId :
PB163214BL

Tgt Ion: 99 Resp: 1501632

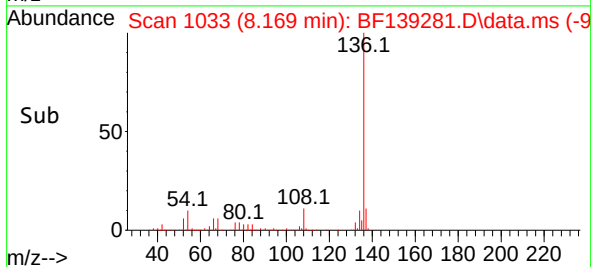
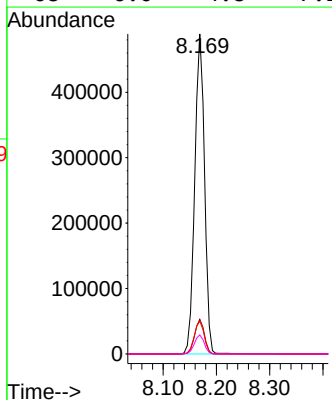
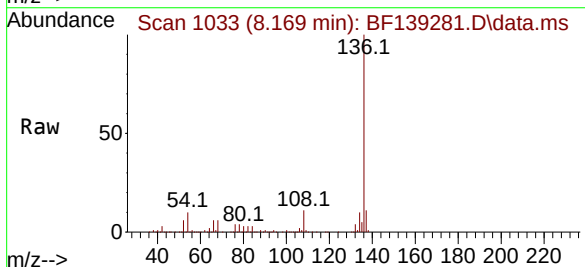
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	37.6	28.8	43.2

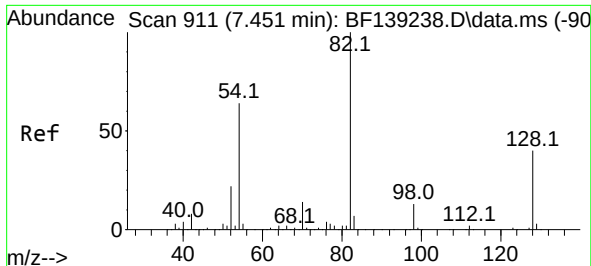


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion: 136 Resp: 625793

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.3	8.4	12.6
68	6.0	4.8	7.2

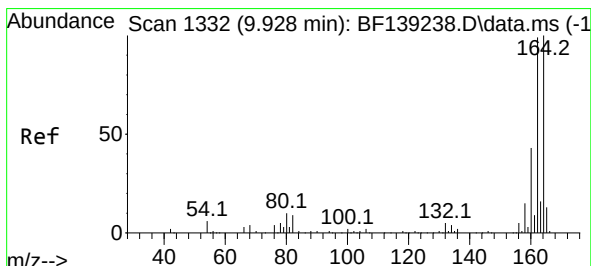
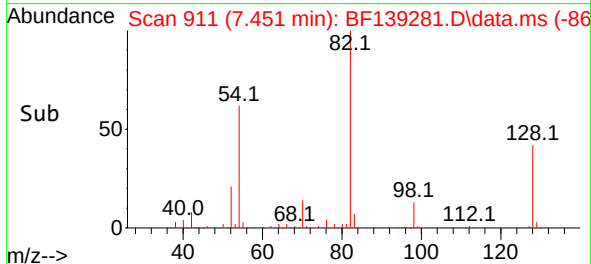
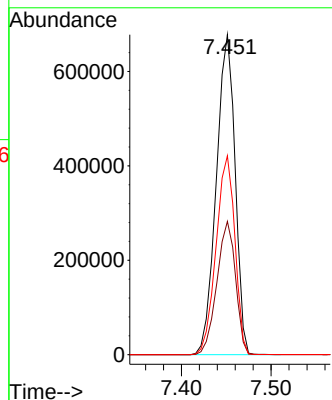
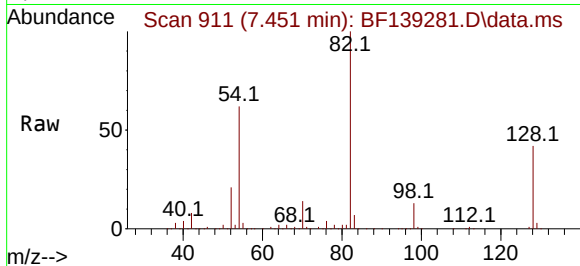




#23
 Nitrobenzene-d5
 Concen: 82.107 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: BF139281.D
 Acq: 09 Sep 2024 14:15

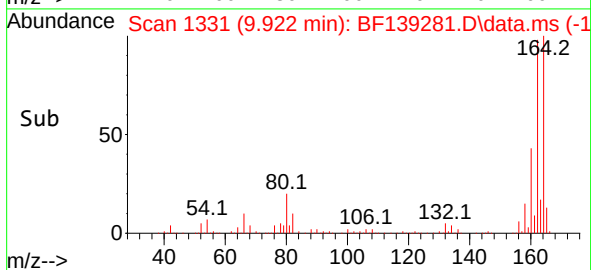
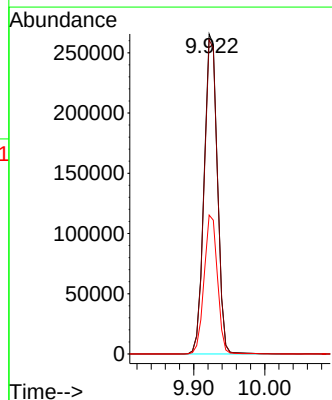
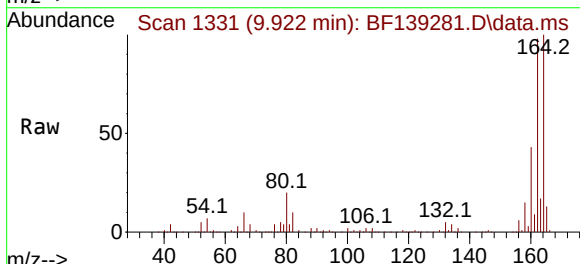
Instrument :
 BNA_F
 ClientSampleId :
 PB163214BL

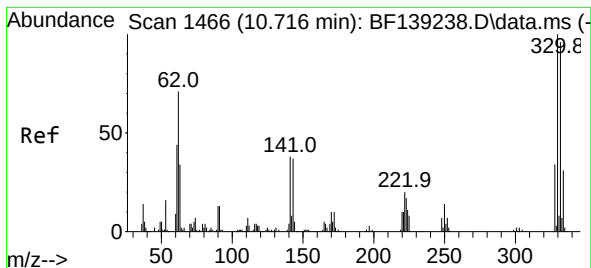
Tgt Ion: 82 Resp: 987677
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.3 48.5
 54 62.2 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: BF139281.D
 Acq: 09 Sep 2024 14:15

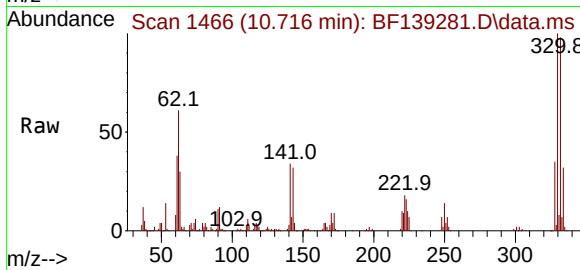
Tgt Ion:164 Resp: 345706
 Ion Ratio Lower Upper
 164 100
 162 98.2 79.2 118.8
 160 43.4 34.2 51.2



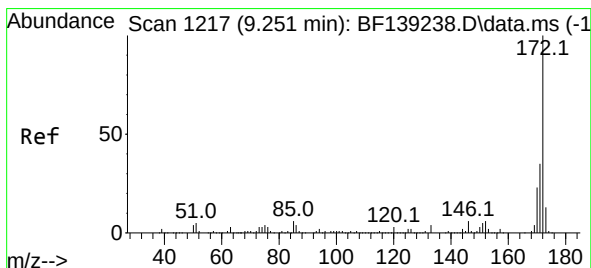
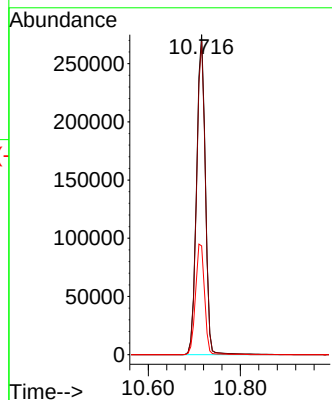
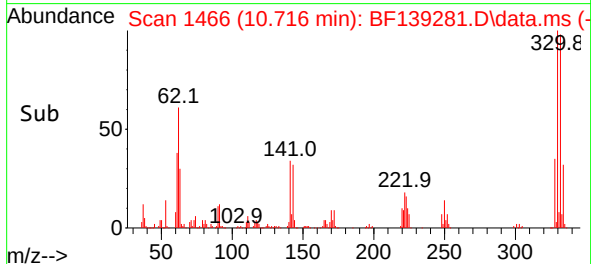


#42
2,4,6-Tribromophenol
Concen: 121.510 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

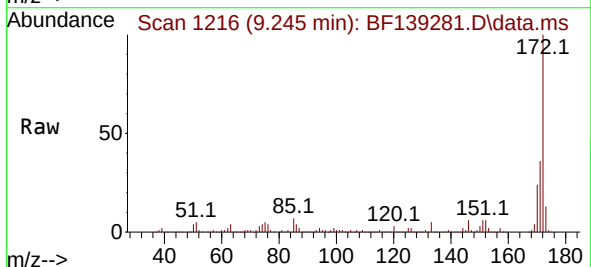
Instrument :
BNA_F
ClientSampleId :
PB163214BL



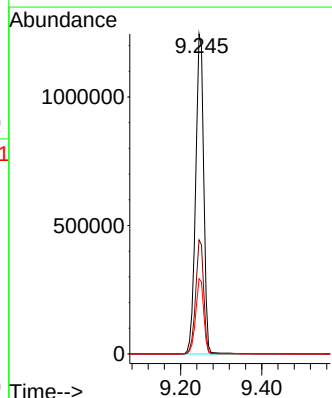
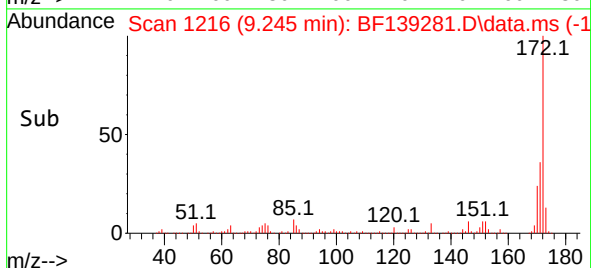
Tgt Ion:330 Resp: 362736
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 35.7 30.1 45.1

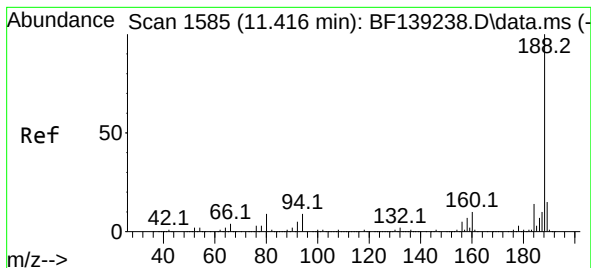


#45
2-Fluorobiphenyl
Concen: 77.712 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15



Tgt Ion:172 Resp: 1740392
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB163214BL

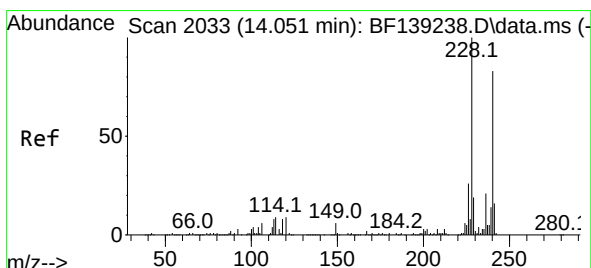
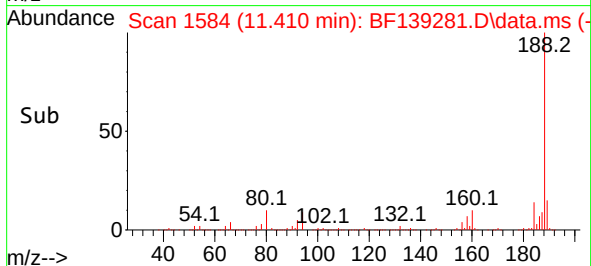
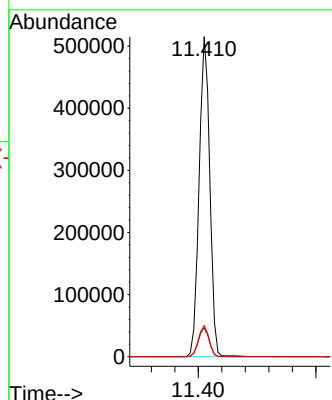
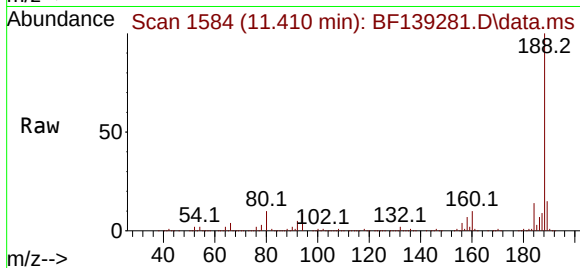
Tgt Ion:188 Resp: 646106

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

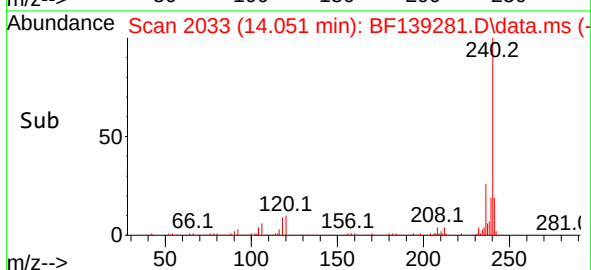
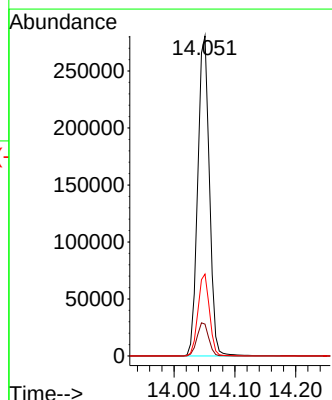
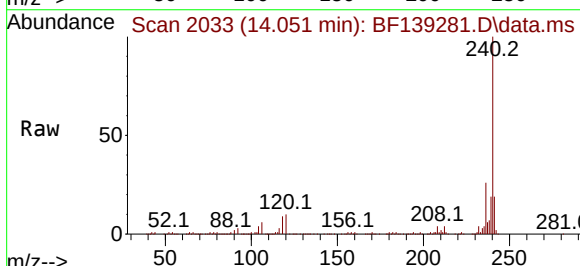
Tgt Ion:240 Resp: 372881

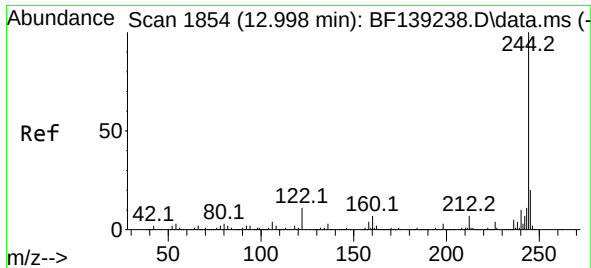
Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

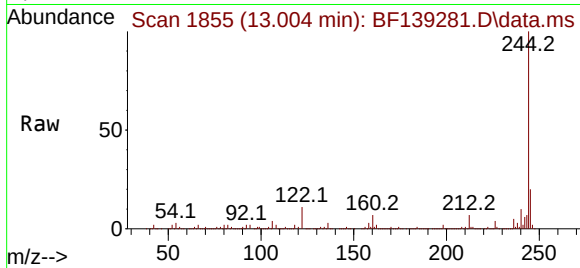
236 25.6 20.7 31.1



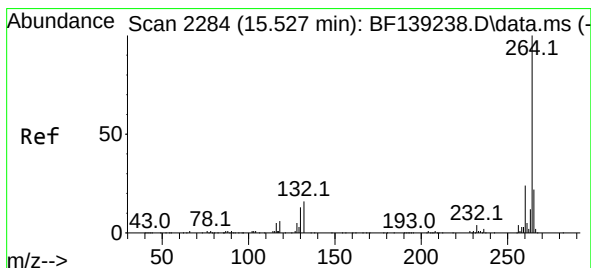
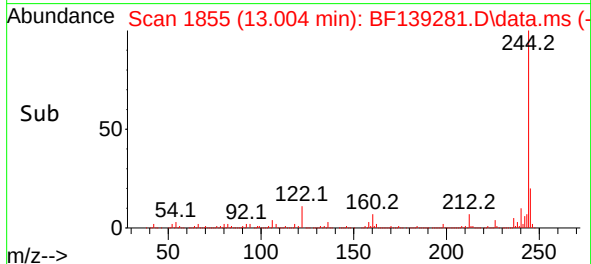
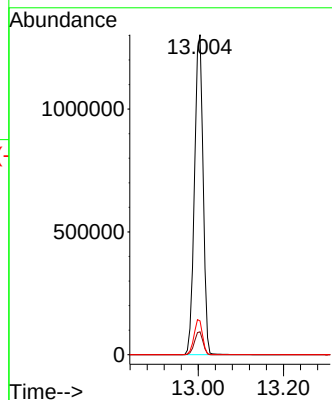


#79
Terphenyl-d14
Concen: 78.715 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Instrument :
BNA_F
ClientSampleId :
PB163214BL



Tgt Ion:244 Resp: 1817893
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion:264 Resp: 284691
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.2 17.3 25.9

