

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139955.D
Acq On : 23 Oct 2024 10:45
Operator : RC/JU
Sample : PB164237BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164237BL

Quant Time: Oct 23 11:43:01 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	161293	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	627475	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355535	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	670496	20.000	ng	0.00
76) Chrysene-d12	14.051	240	446379	20.000	ng	0.00
86) Perylene-d12	15.527	264	355399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1257012	122.004	ng	0.02
7) Phenol-d6	6.510	99	1573478	117.916	ng	0.00
23) Nitrobenzene-d5	7.445	82	1019695	90.068	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	478264	143.814	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1844406	85.737	ng	0.00
79) Terphenyl-d14	13.004	244	2196353	80.177	ng	0.00

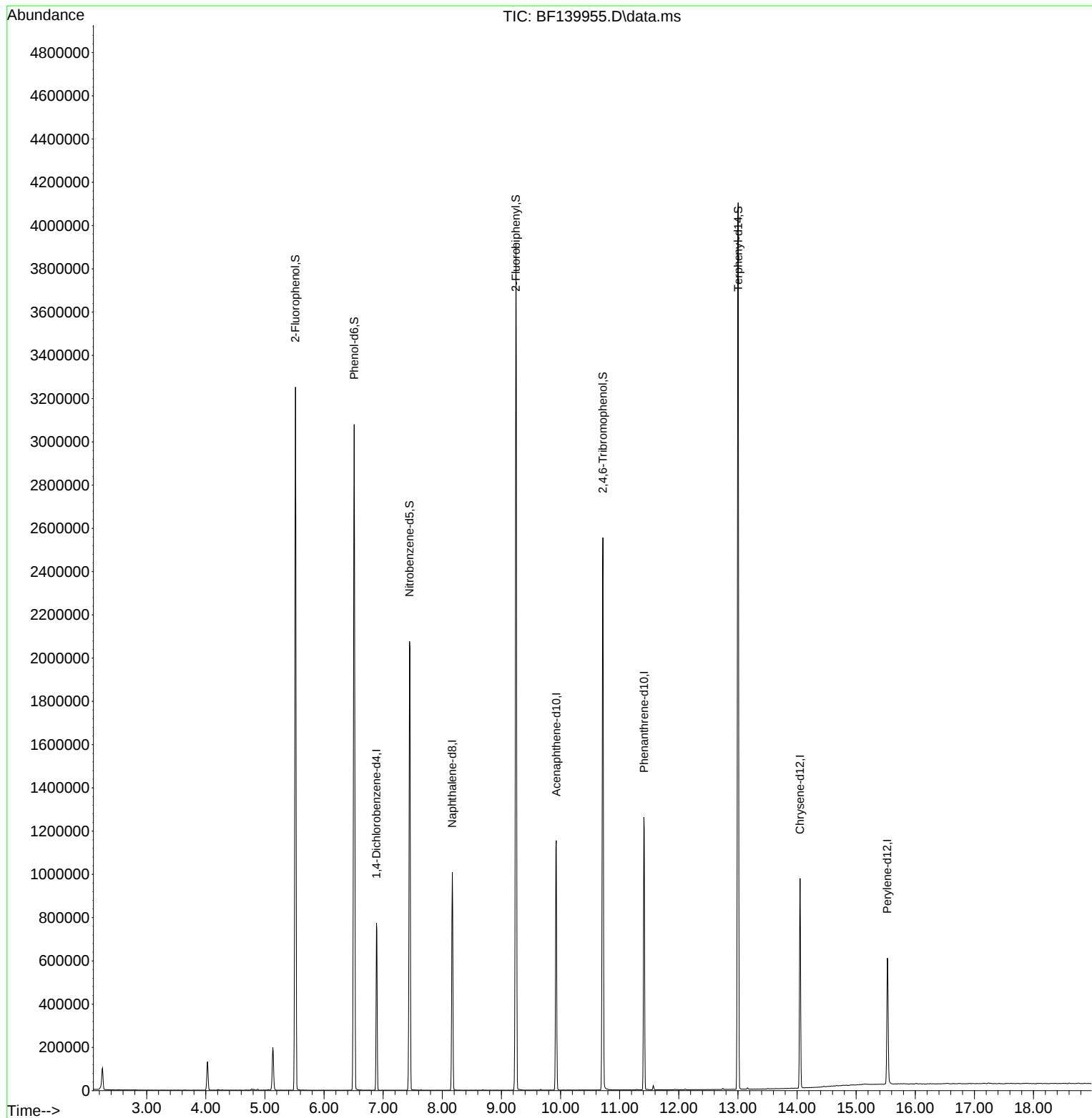
Target Compounds	Qvalue

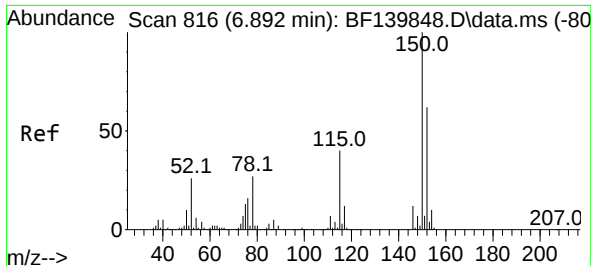
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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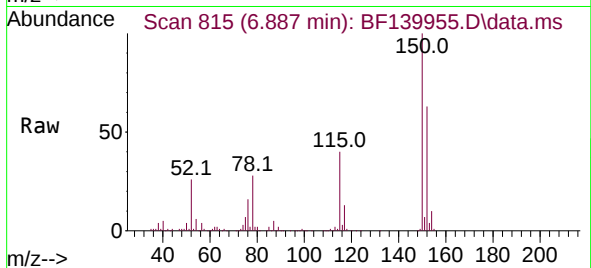
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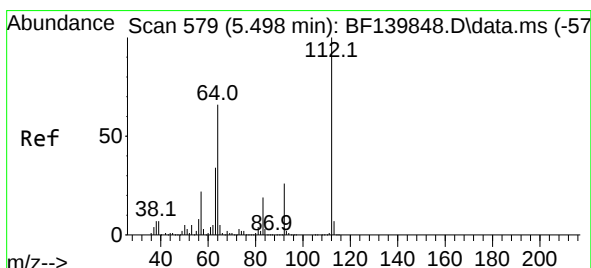
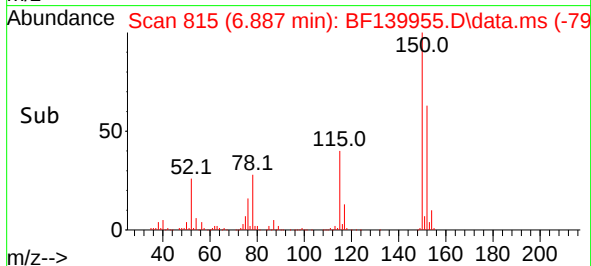
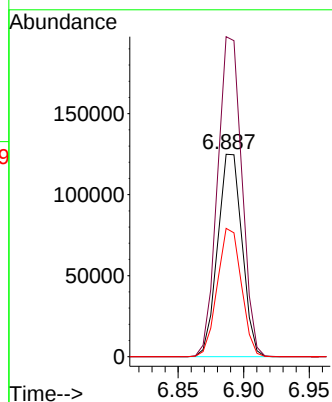


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB164237BL

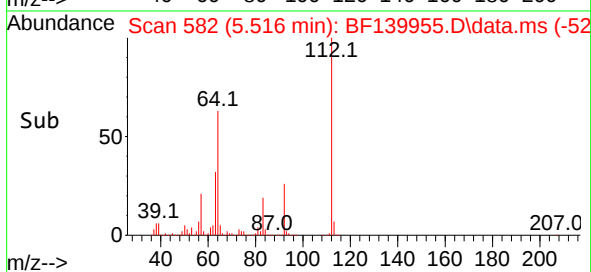
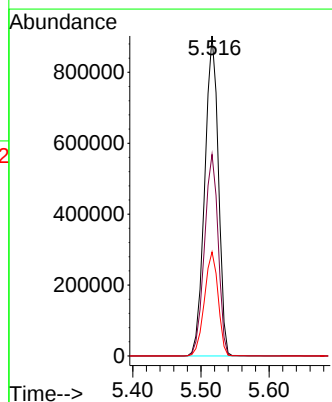
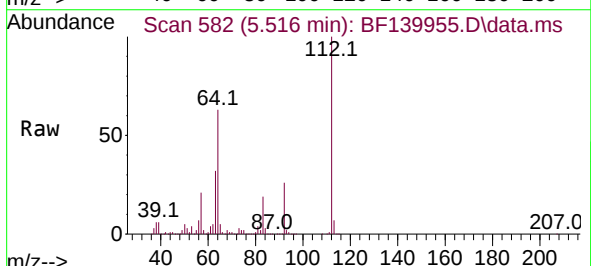


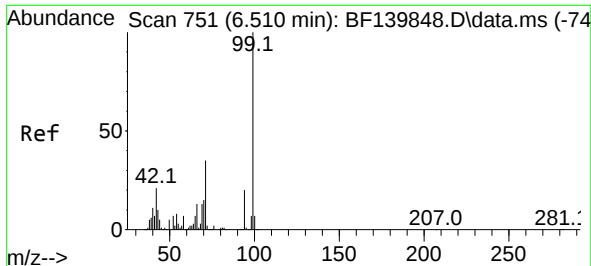
Tgt Ion:152 Resp: 161293
Ion Ratio Lower Upper
152 100
150 158.1 130.2 195.2
115 63.4 51.4 77.2



#5
2-Fluorophenol
Concen: 122.004 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

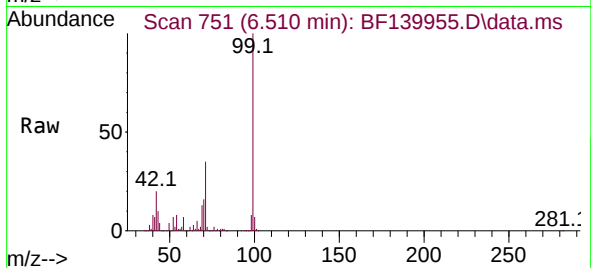
Tgt Ion:112 Resp: 1257012
Ion Ratio Lower Upper
112 100
64 63.0 53.0 79.6
63 32.5 27.0 40.4





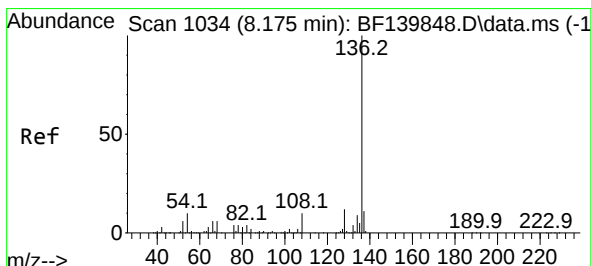
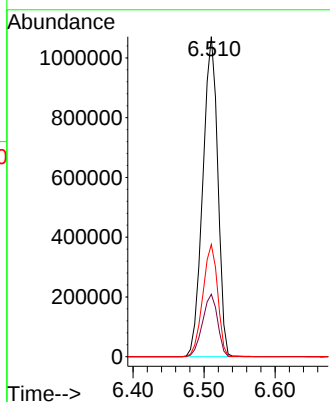
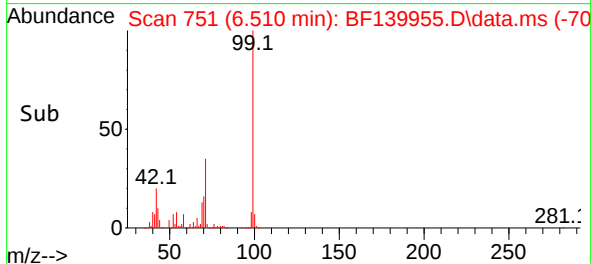
#7
Phenol-d6
Concen: 117.916 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB164237BL

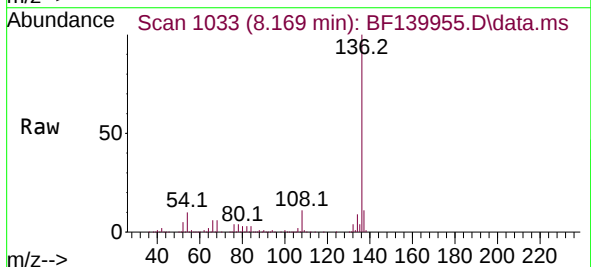


Tgt Ion: 99 Resp: 1573478

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.7	25.1
71	35.1	27.7	41.5

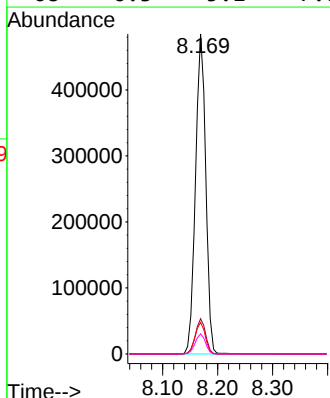
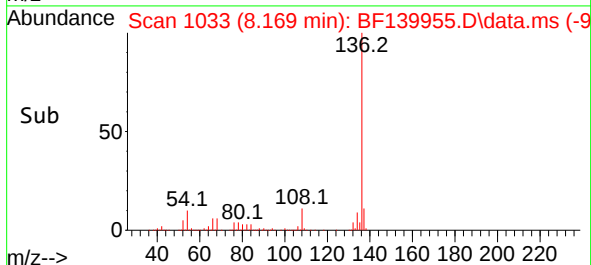


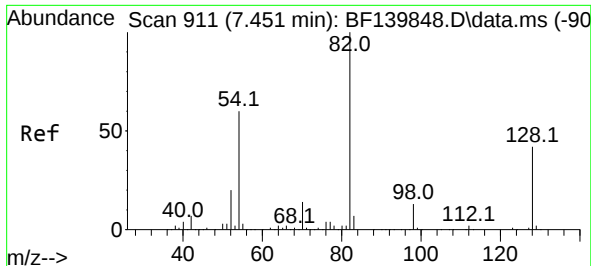
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45



Tgt Ion: 136 Resp: 627475

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.9	8.4	12.6
68	6.3	5.1	7.7

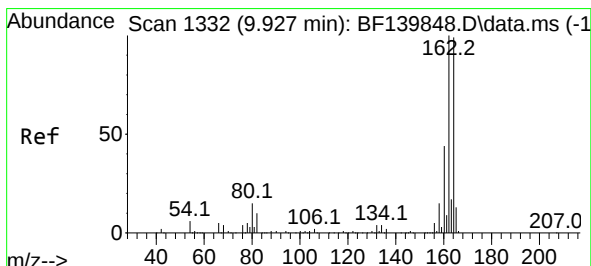
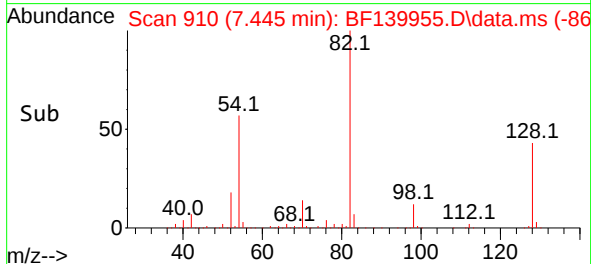
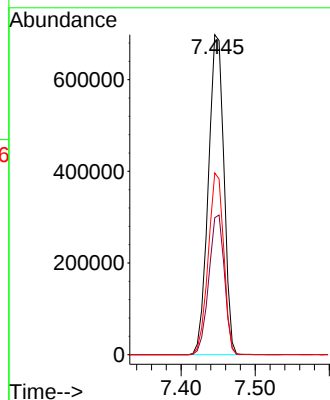
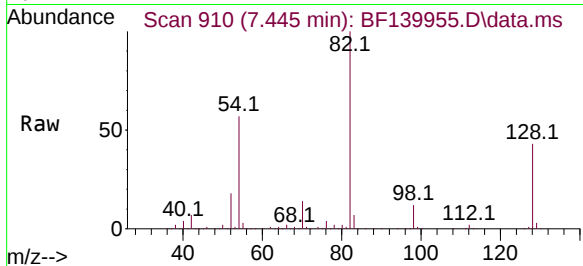




#23
Nitrobenzene-d5
Concen: 90.068 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

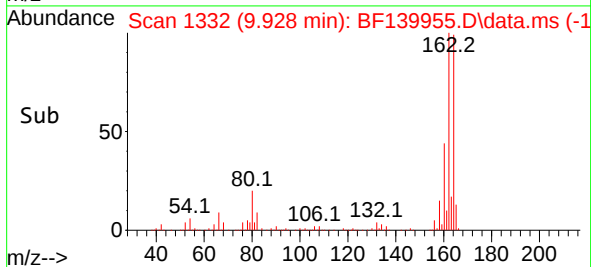
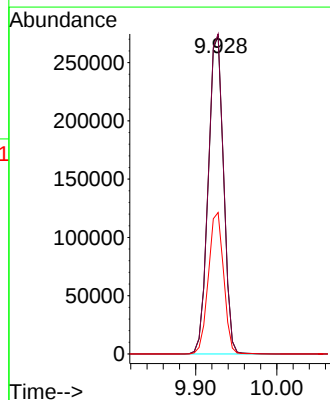
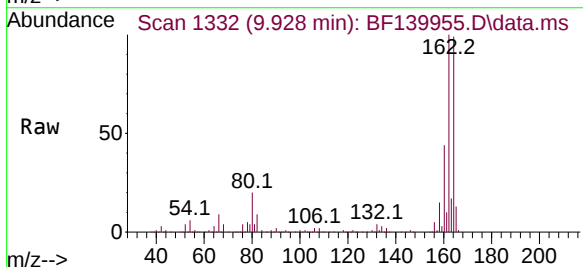
Instrument :
BNA_F
ClientSampleId :
PB164237BL

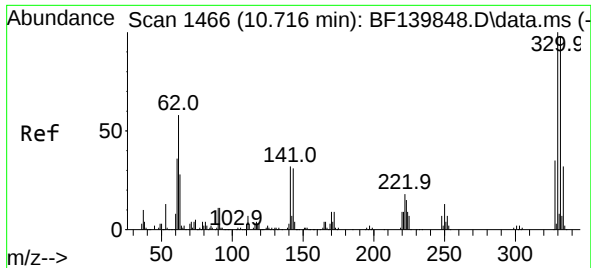
Tgt Ion: 82 Resp: 1019695
Ion Ratio Lower Upper
82 100
128 42.8 33.4 50.0
54 56.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

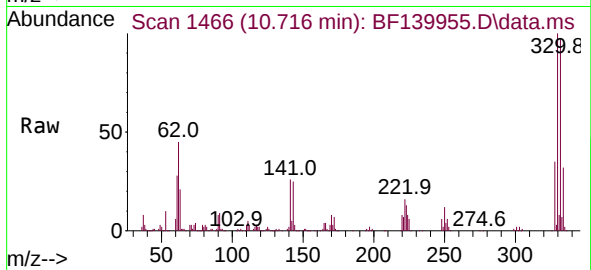
Tgt Ion:164 Resp: 355535
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.5 35.4 53.0



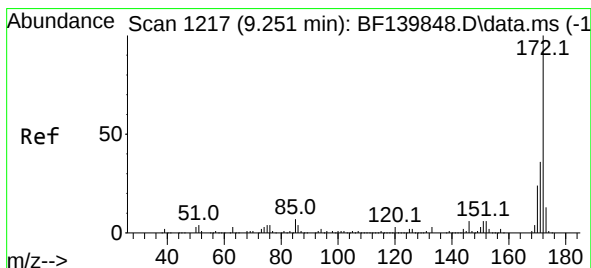
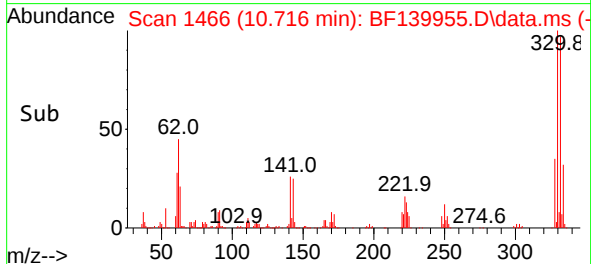
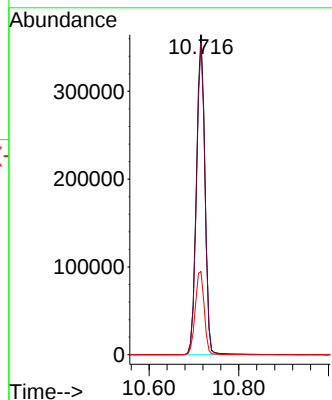


#42
2,4,6-Tribromophenol
Concen: 143.814 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB164237BL

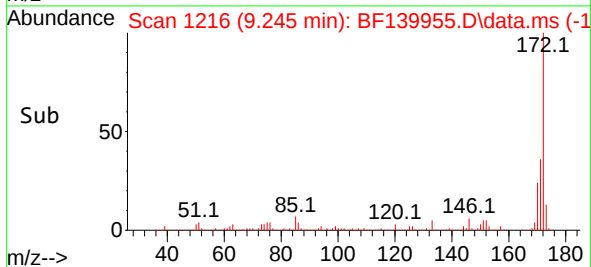
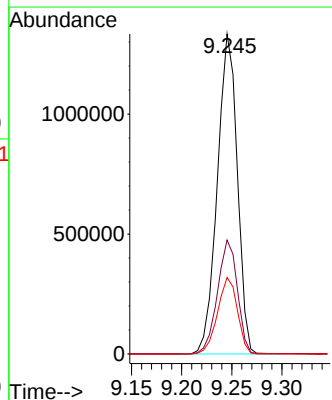
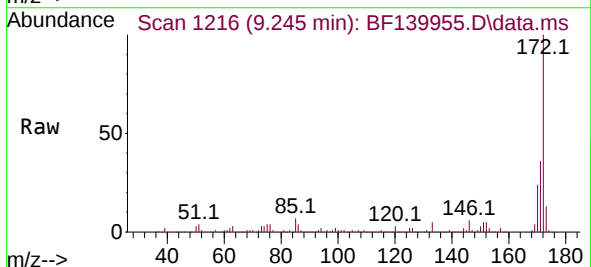


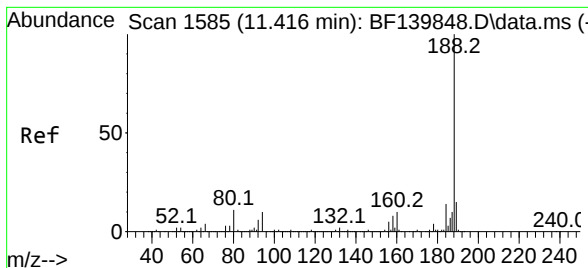
Tgt Ion:330 Resp: 478264
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 27.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 85.737 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion:172 Resp: 1844406
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 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: BF139955.D

Acq: 23 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164237BL

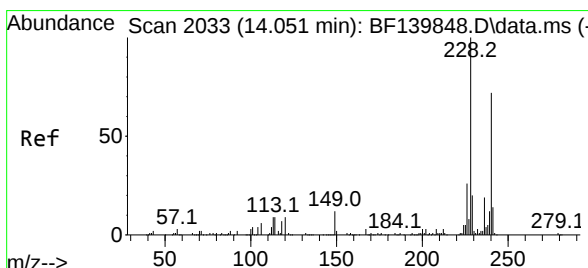
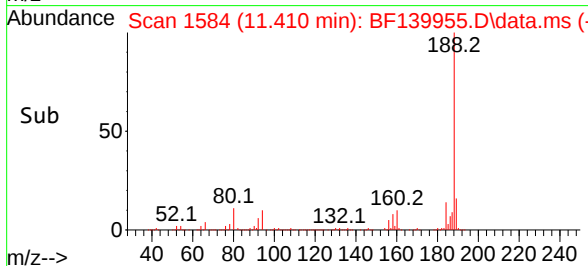
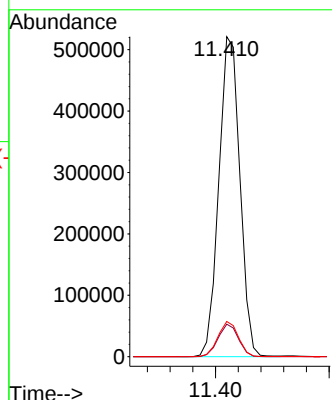
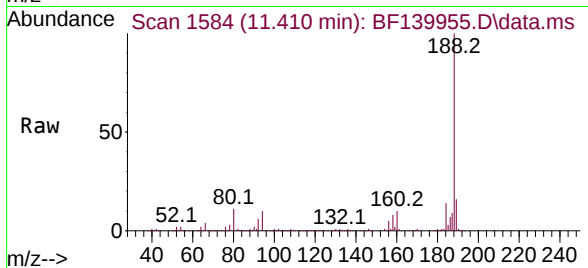
Tgt Ion:188 Resp: 670496

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.0 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: BF139955.D

Acq: 23 Oct 2024 10:45

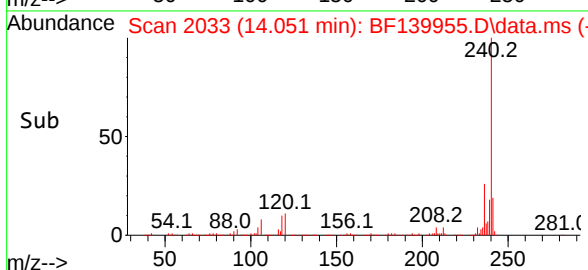
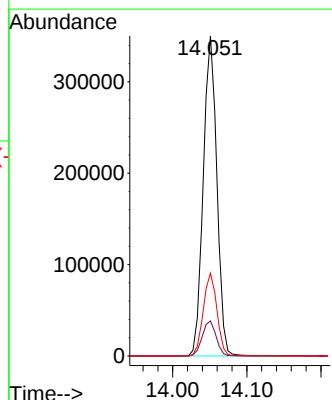
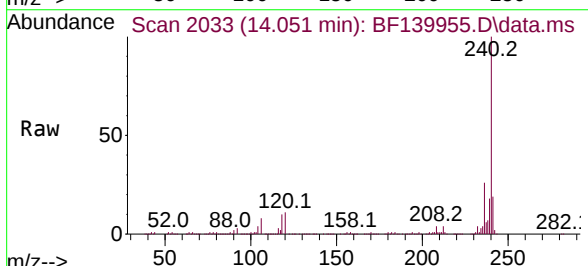
Tgt Ion:240 Resp: 446379

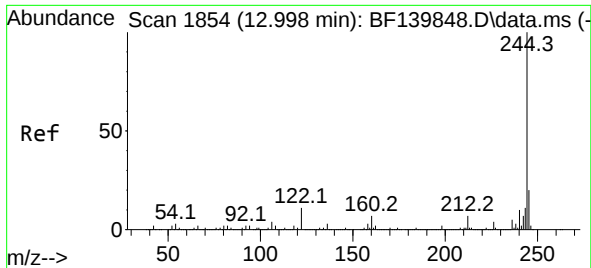
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

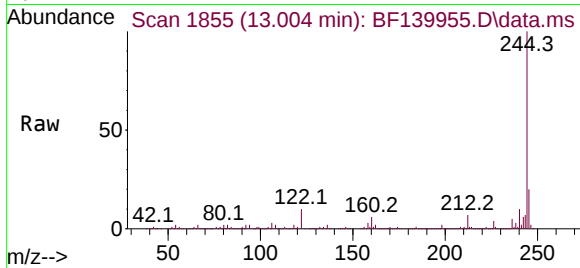
236 25.9 20.9 31.3



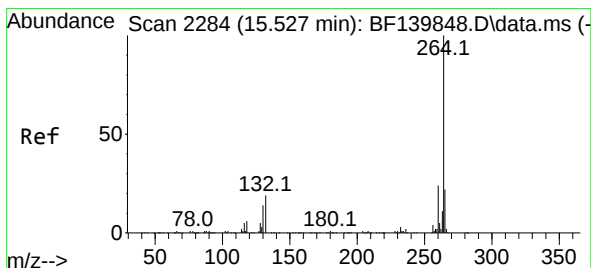
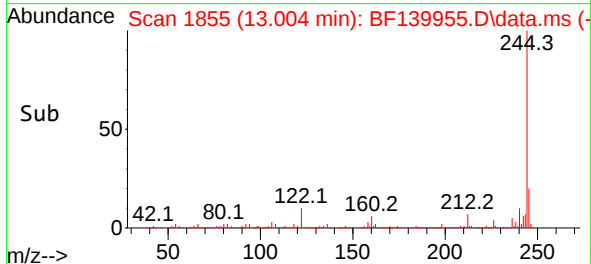
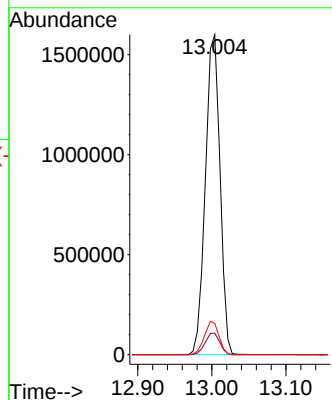


#79
Terphenyl-d14
Concen: 80.177 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB164237BL



Tgt Ion:244 Resp: 2196353
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.8 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: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion:264 Resp: 355399
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 22.0 17.4 26.0

