

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139993.D
Acq On : 24 Oct 2024 11:20
Operator : RC/JU
Sample : PB164315BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164315BL

Quant Time: Oct 24 11:52:37 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	148560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	574491	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	327603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	592376	20.000	ng	0.00
76) Chrysene-d12	14.051	240	363554	20.000	ng	0.00
86) Perylene-d12	15.527	264	290384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1274979	134.354	ng	0.02
7) Phenol-d6	6.510	99	1593884	129.682	ng	0.00
23) Nitrobenzene-d5	7.451	82	1033088	99.666	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	494475	161.367	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1880319	94.859	ng	0.00
79) Terphenyl-d14	13.004	244	2127175	95.342	ng	0.00

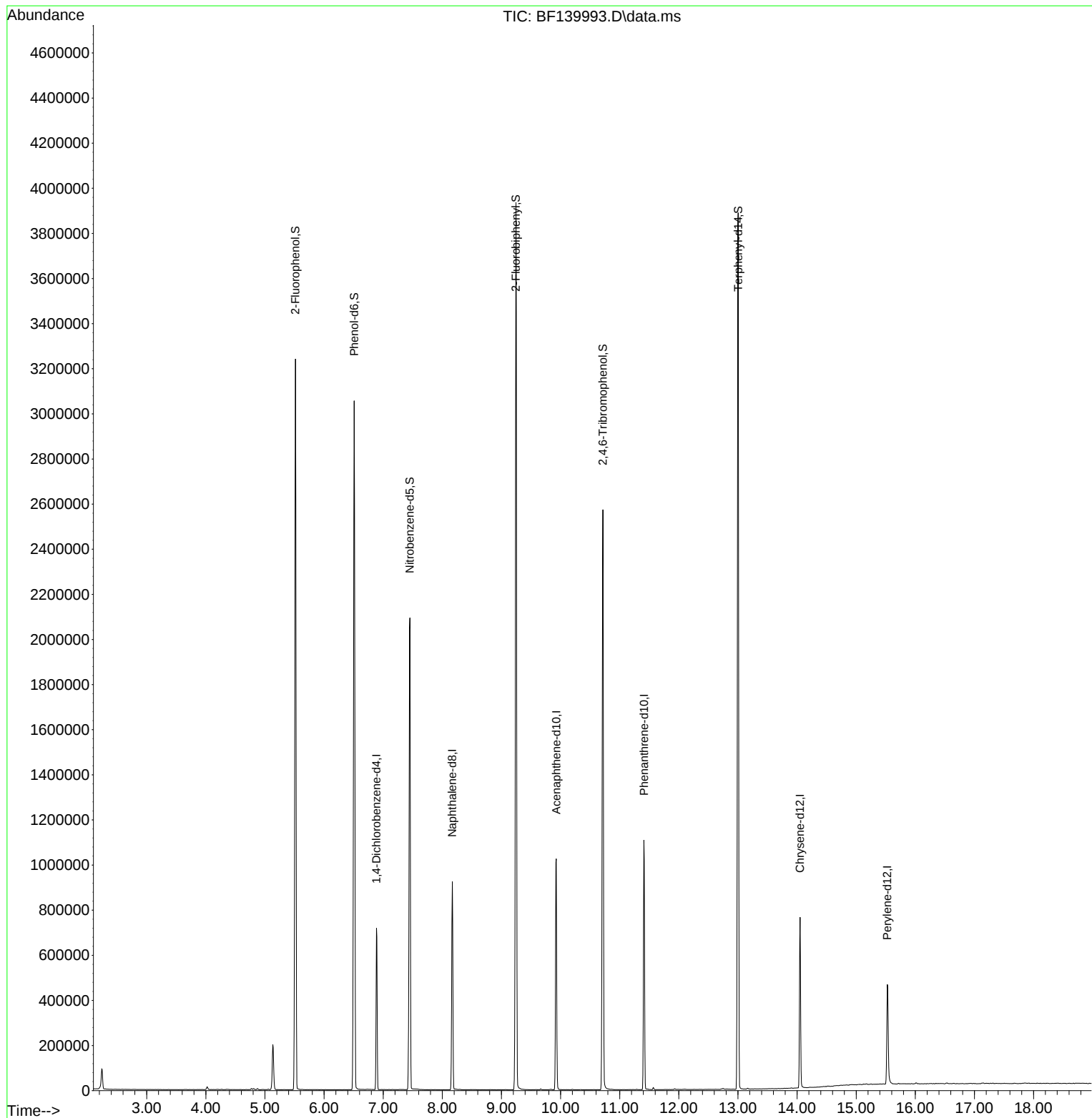
Target Compounds	Qvalue

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

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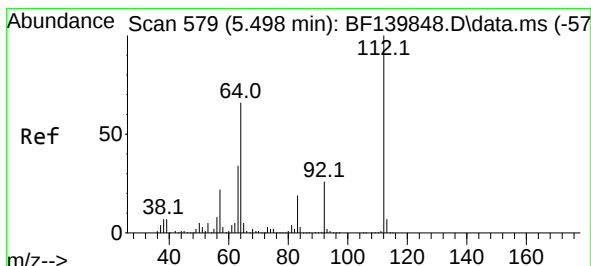
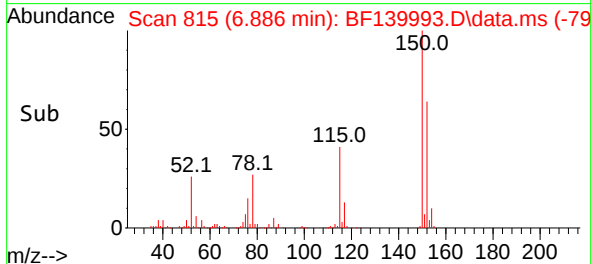
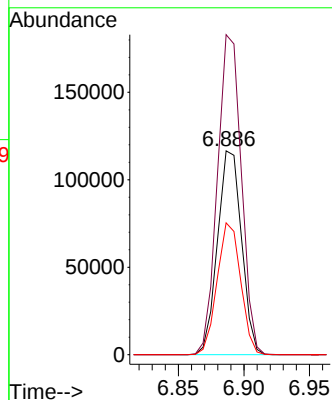
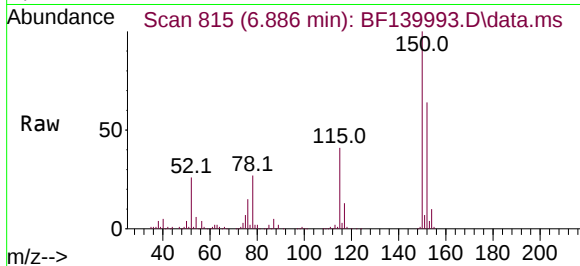




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

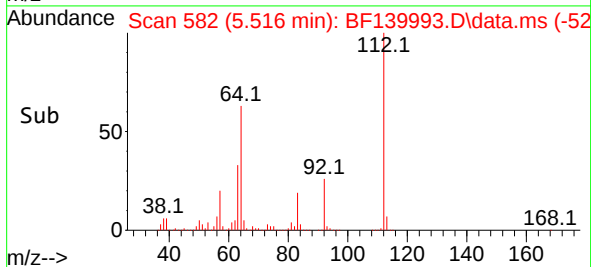
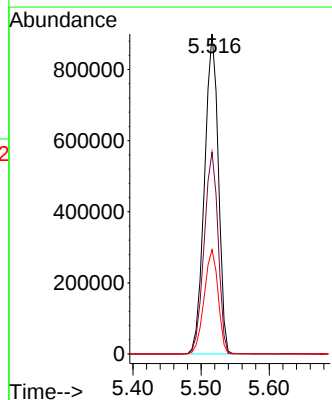
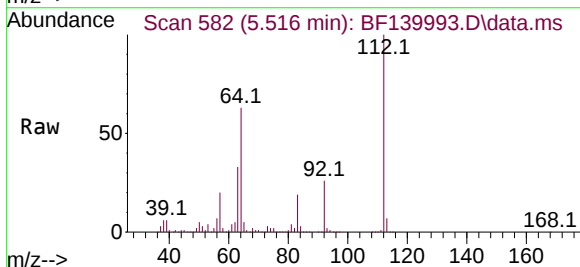
Instrument :
BNA_F
ClientSampleId :
PB164315BL

Tgt Ion:152 Resp: 148560
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 134.354 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

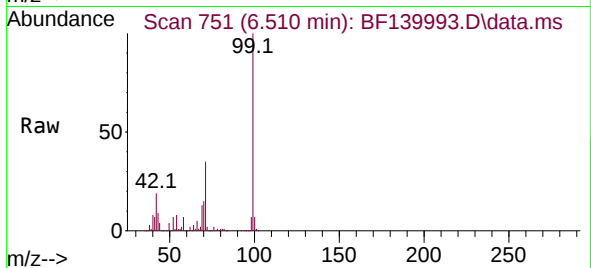
Tgt Ion:112 Resp: 1274979
Ion Ratio Lower Upper
112 100
64 63.0 53.0 79.6
63 32.6 27.0 40.4





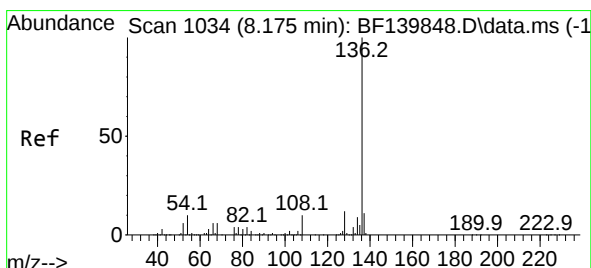
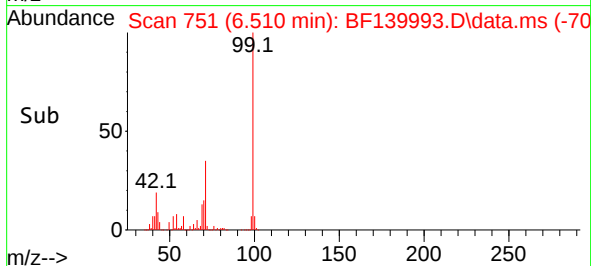
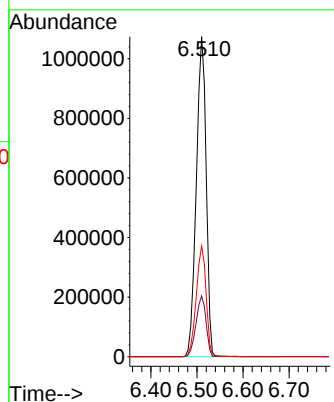
#7
Phenol-d6
Concen: 129.682 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB164315BL



Tgt Ion: 99 Resp: 1593884

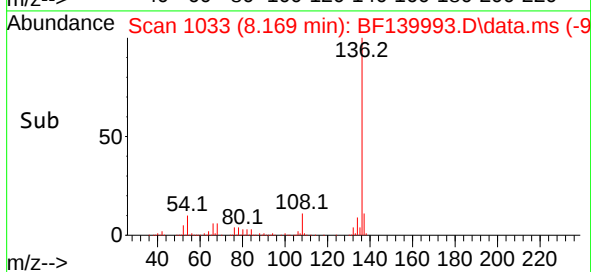
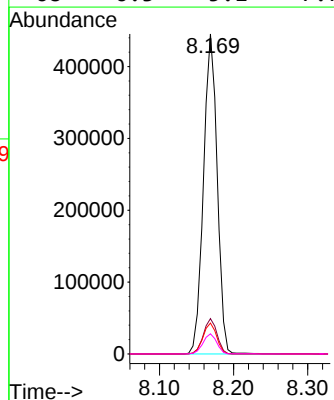
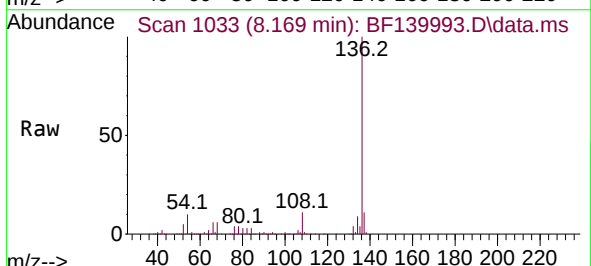
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.7	25.1
71	34.6	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Tgt Ion: 136 Resp: 574491

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.7	8.4	12.6
68	6.3	5.1	7.7

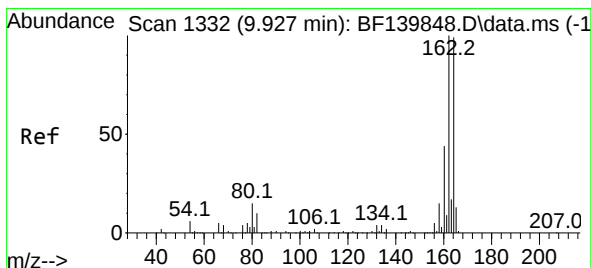
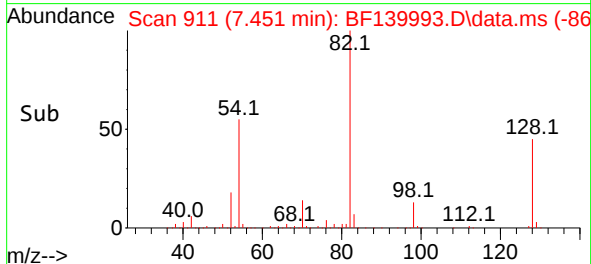
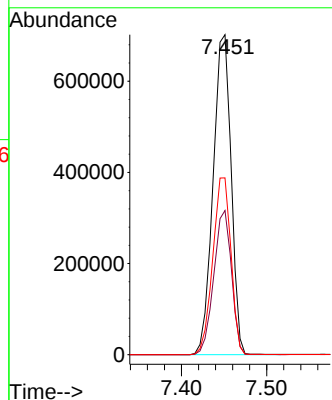
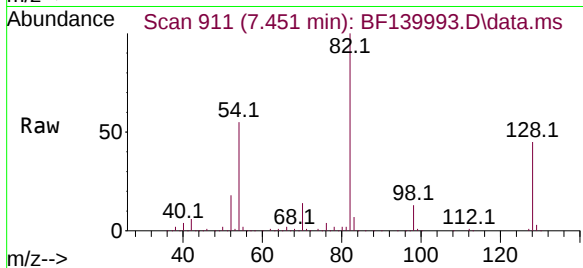




#23
Nitrobenzene-d5
Concen: 99.666 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

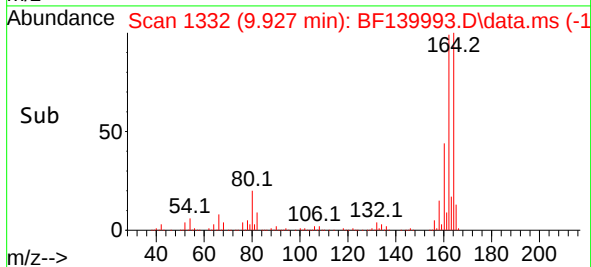
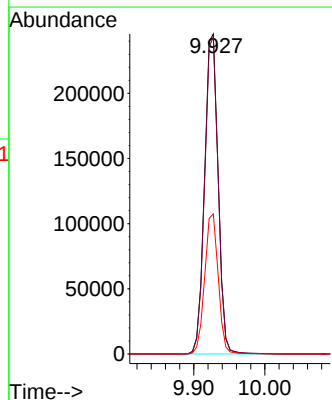
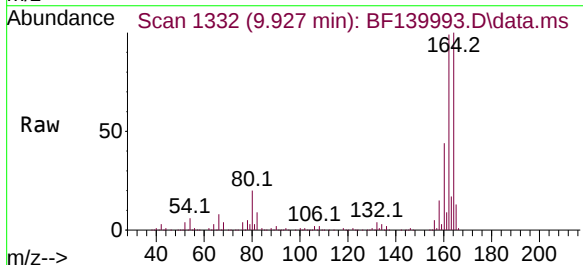
Instrument :
BNA_F
ClientSampleId :
PB164315BL

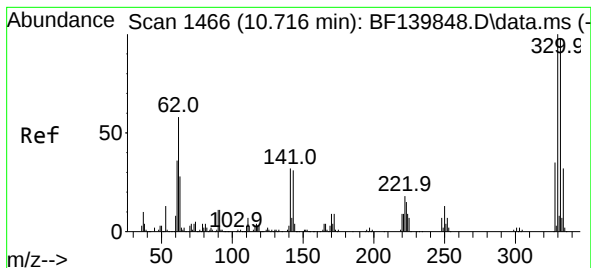
Tgt Ion: 82 Resp: 1033088
Ion Ratio Lower Upper
82 100
128 45.0 33.4 50.0
54 55.3 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

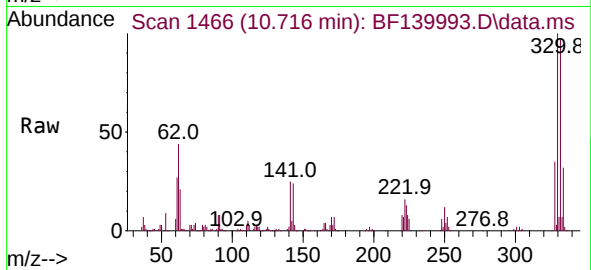
Tgt Ion:164 Resp: 327603
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 43.7 35.4 53.0



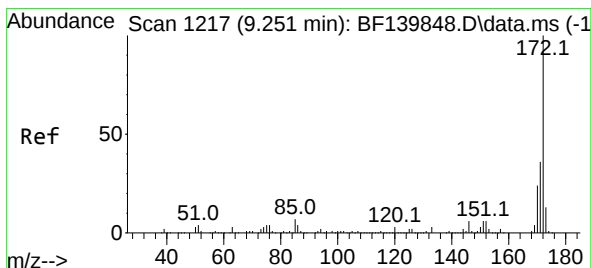
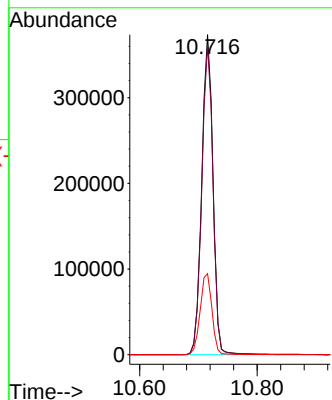
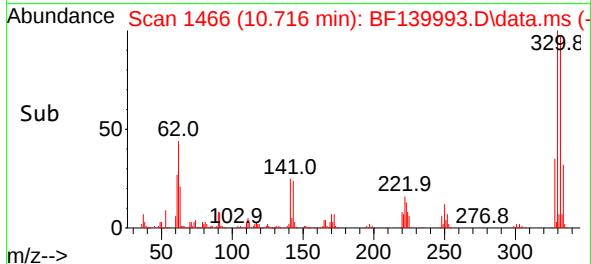


#42
2,4,6-Tribromophenol
Concen: 161.367 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB164315BL

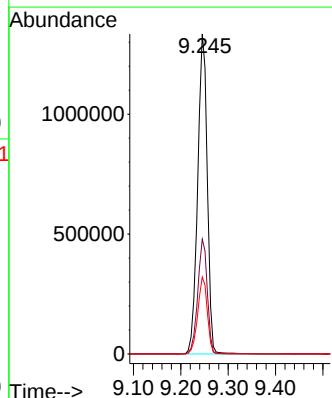
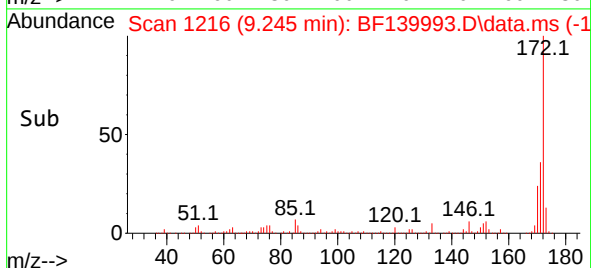
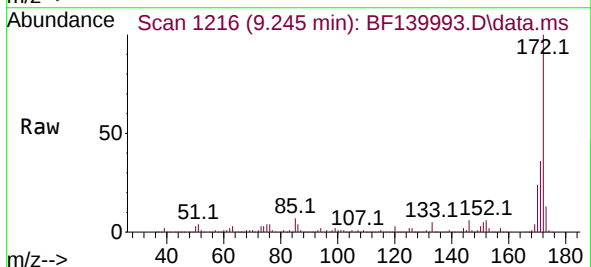


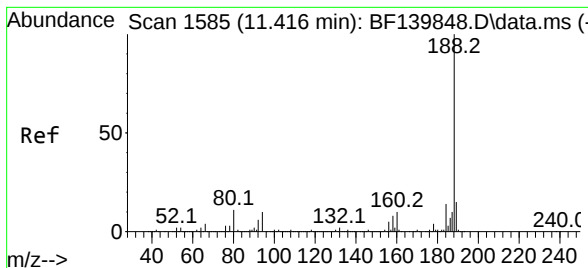
Tgt Ion:330 Resp: 494475
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 26.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 94.859 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139993.D
Acq: 24 Oct 2024 11:20

Tgt Ion:172 Resp: 1880319
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 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: BF139993.D

Acq: 24 Oct 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB164315BL

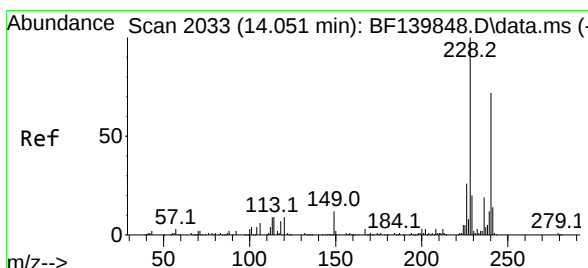
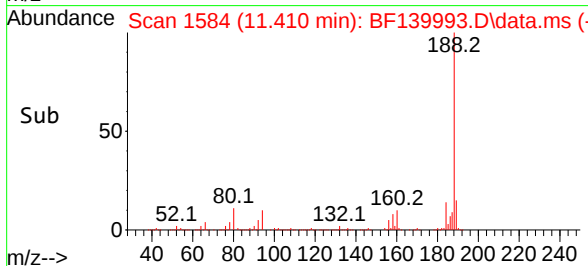
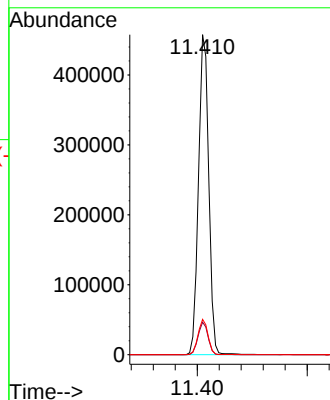
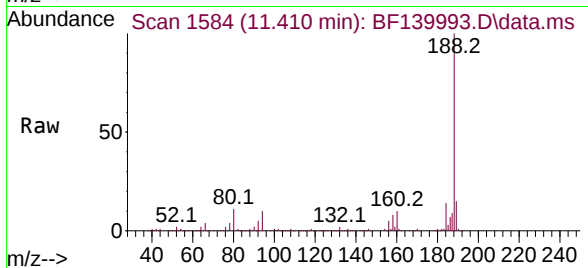
Tgt Ion:188 Resp: 592376

Ion Ratio Lower Upper

188 100

94 10.2 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: BF139993.D

Acq: 24 Oct 2024 11:20

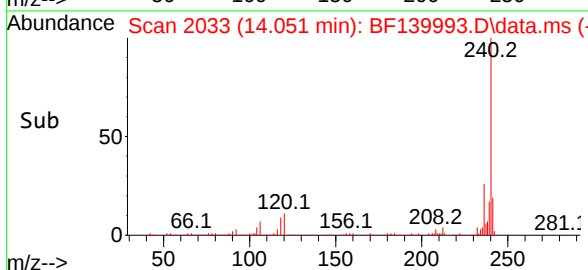
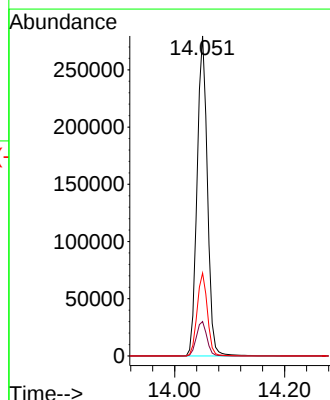
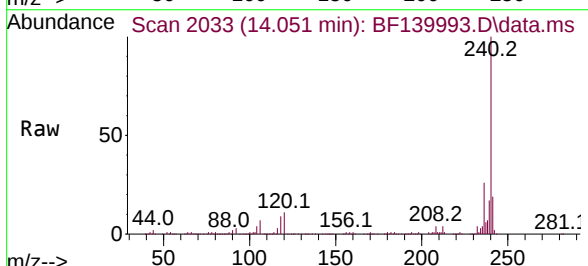
Tgt Ion:240 Resp: 363554

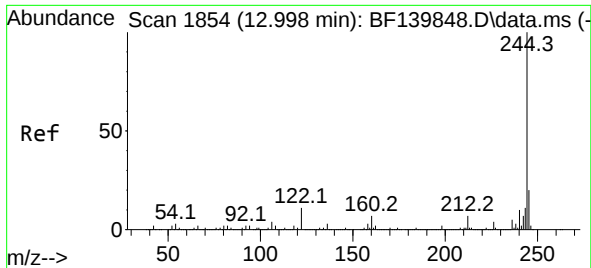
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 25.9 20.9 31.3

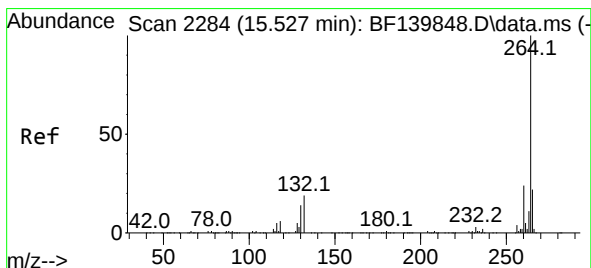
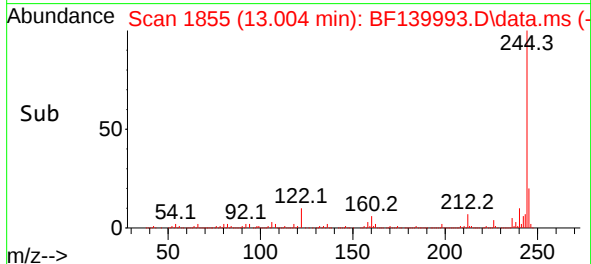
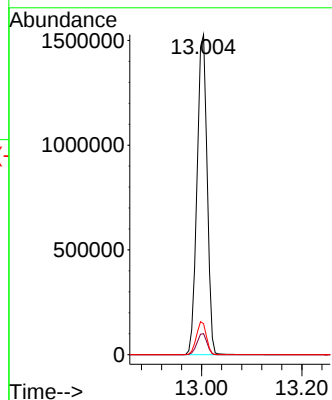
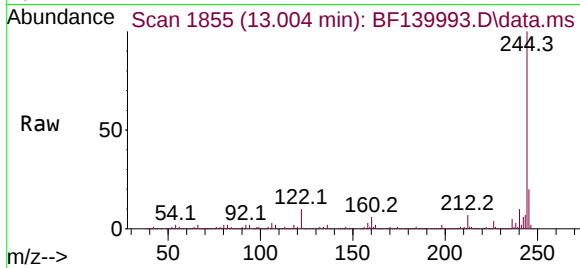




#79
 Terphenyl-d14
 Concen: 95.342 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139993.D
 Acq: 24 Oct 2024 11:20

Instrument :
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 ClientSampleId :
 PB164315BL

Tgt Ion:244 Resp: 2127175
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.7 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: BF139993.D
 Acq: 24 Oct 2024 11:20

Tgt Ion:264 Resp: 290384
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.3 17.4 26.0

