

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140101.D
Acq On : 29 Oct 2024 10:05
Operator : RC/JU
Sample : PB164461BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164461BL

Quant Time: Oct 29 11:31:56 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	132334	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	522078	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	293840	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	532374	20.000	ng	0.00
76) Chrysene-d12	14.045	240	353787	20.000	ng	0.00
86) Perylene-d12	15.527	264	265432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1005416	118.939	ng	0.02
7) Phenol-d6	6.510	99	1269087	115.917	ng	0.00
23) Nitrobenzene-d5	7.445	82	844513	89.653	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	371294	135.090	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1529595	86.032	ng	0.00
79) Terphenyl-d14	12.998	244	1772789	81.652	ng	0.00

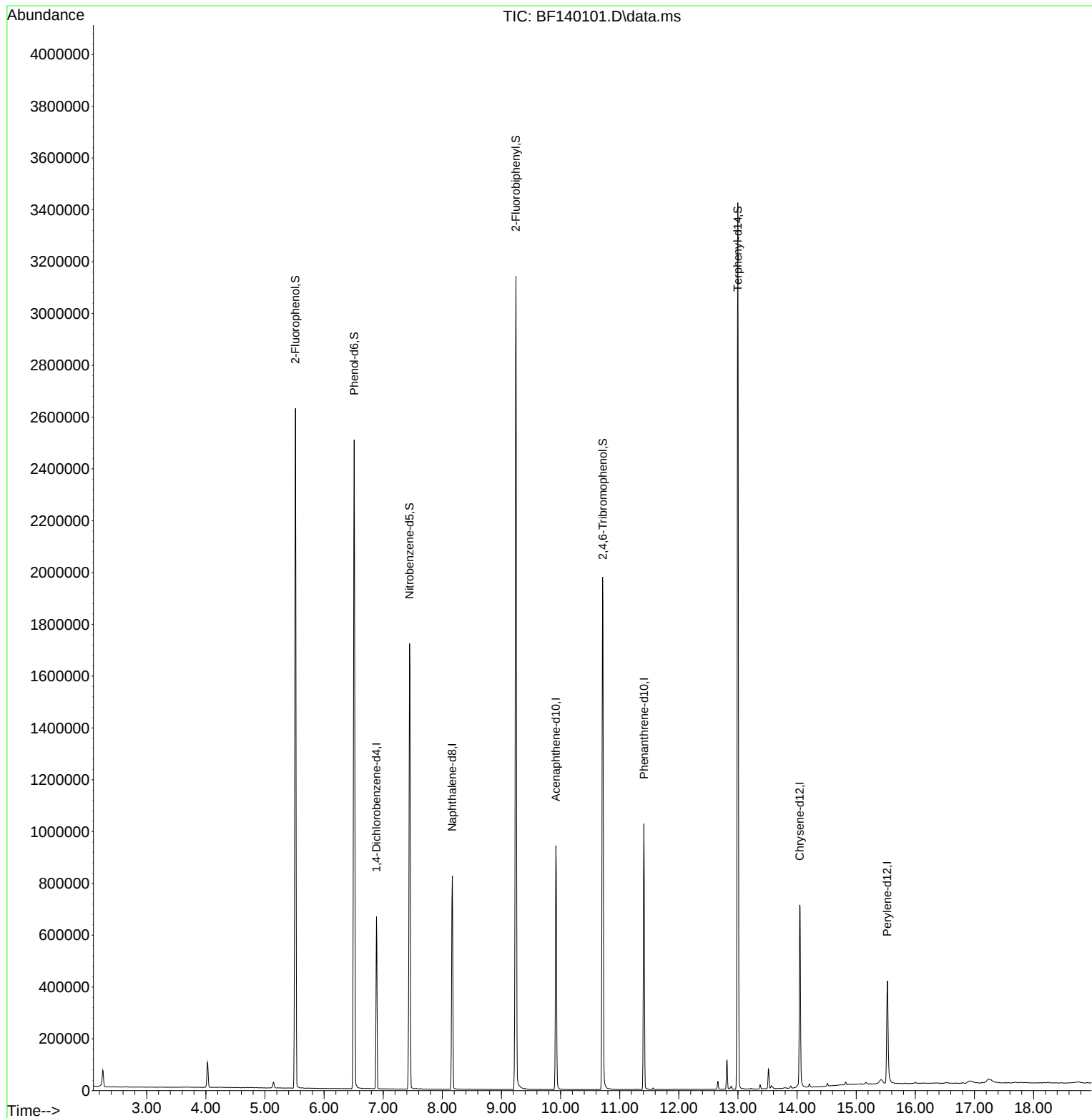
Target Compounds	Qvalue

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

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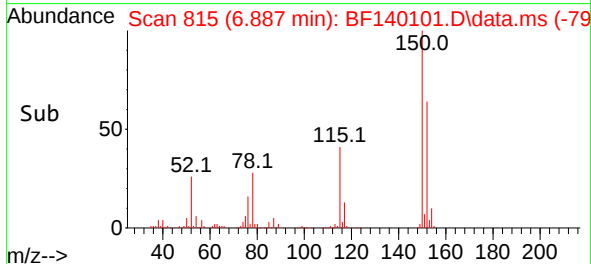
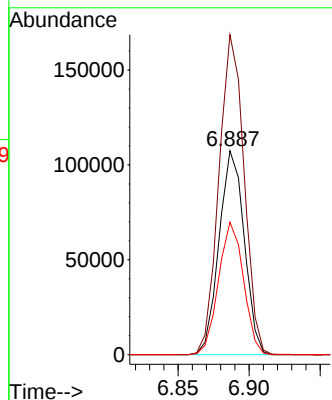
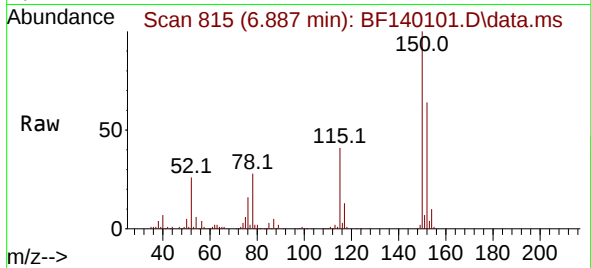




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

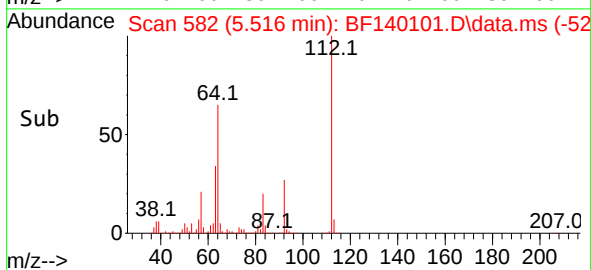
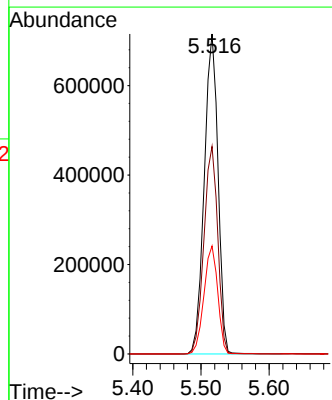
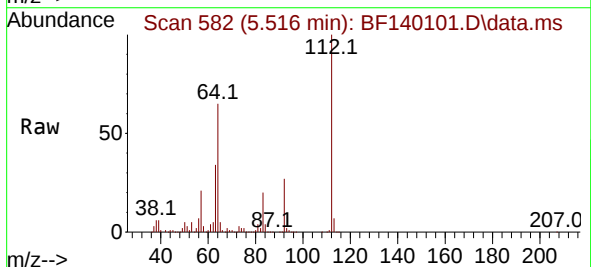
Instrument :
BNA_F
ClientSampleId :
PB164461BL

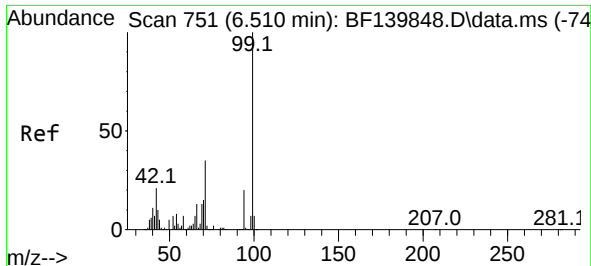
Tgt Ion:152 Resp: 132334
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 65.0 51.4 77.2



#5
2-Fluorophenol
Concen: 118.939 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion:112 Resp: 1005416
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.7 27.0 40.4



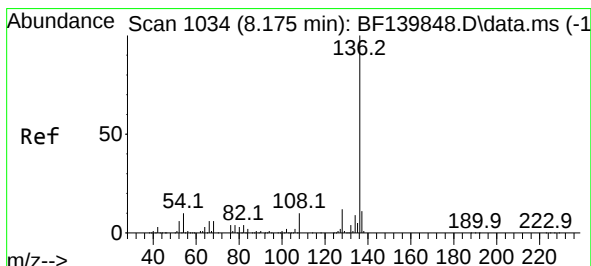
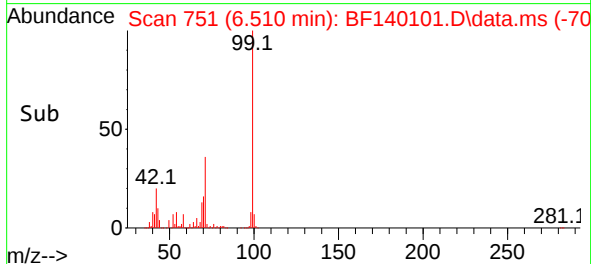
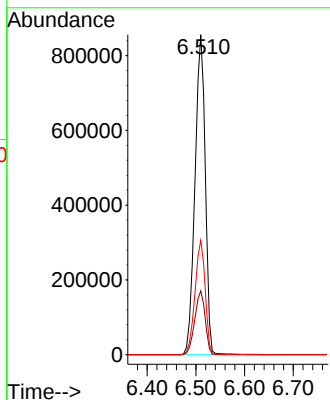
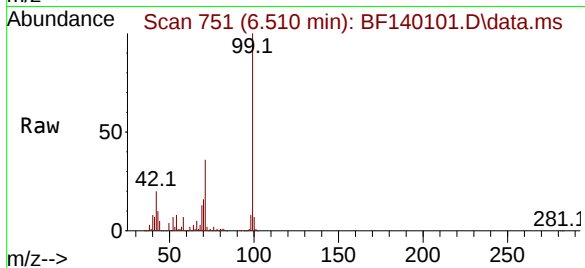


#7
Phenol-d6
Concen: 115.917 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB164461BL

Tgt Ion: 99 Resp: 1269087

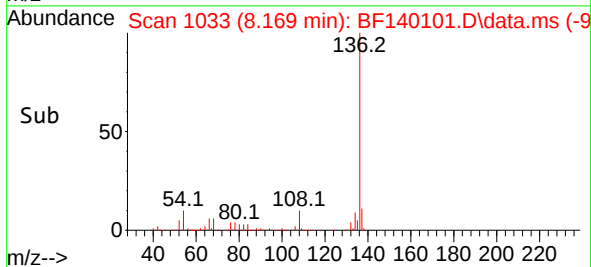
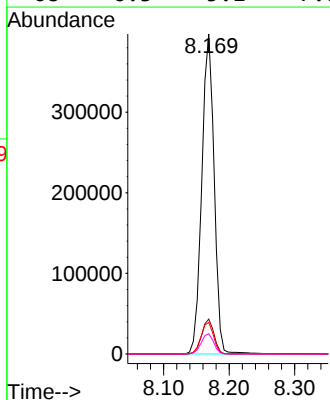
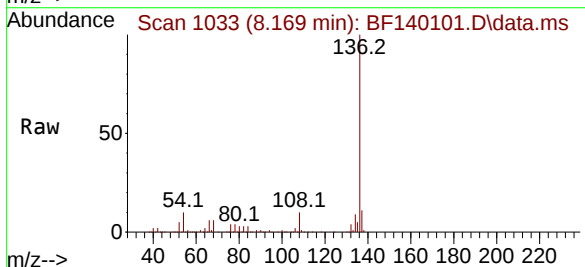
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.7	25.1
71	35.7	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion: 136 Resp: 522078

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	6.3	5.1	7.7





#23

Nitrobenzene-d5

Concen: 89.653 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140101.D

Acq: 29 Oct 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB164461BL

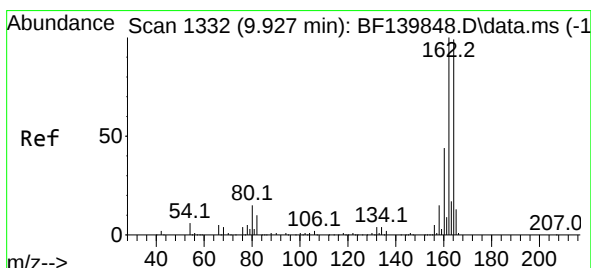
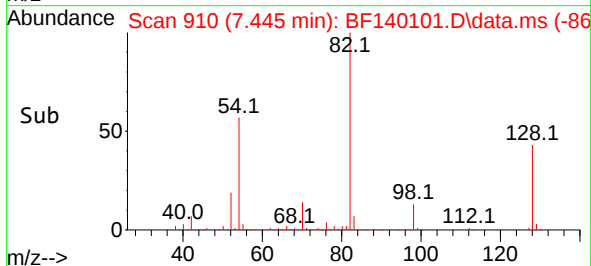
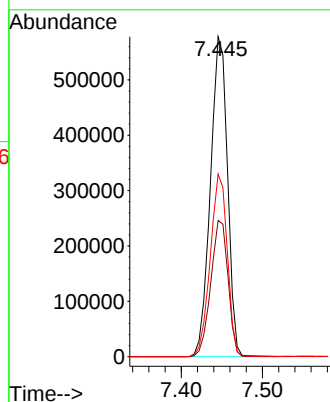
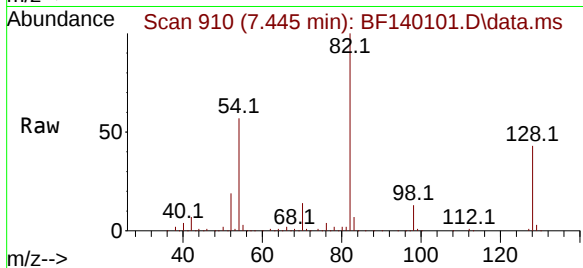
Tgt Ion: 82 Resp: 844513

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

54 57.0 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: BF140101.D

Acq: 29 Oct 2024 10:05

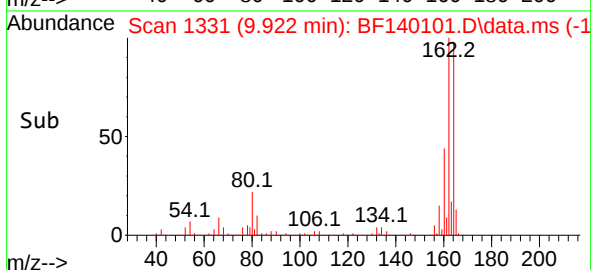
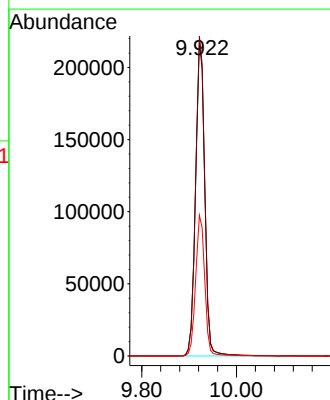
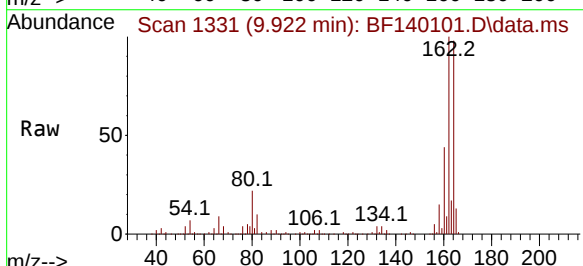
Tgt Ion:164 Resp: 293840

Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 135.090 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140101.D

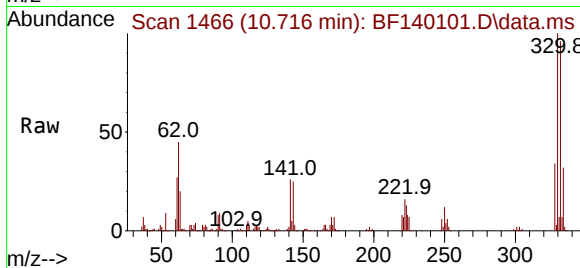
Acq: 29 Oct 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB164461BL



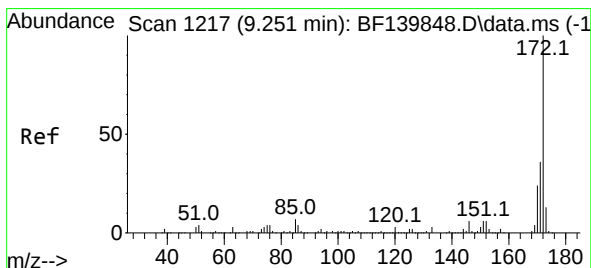
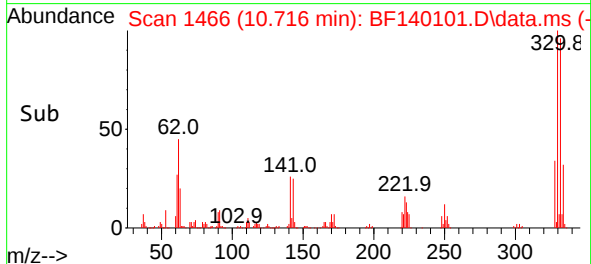
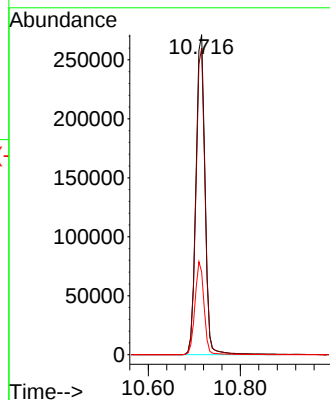
Tgt Ion:330 Resp: 371294

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 29.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.032 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140101.D

Acq: 29 Oct 2024 10:05

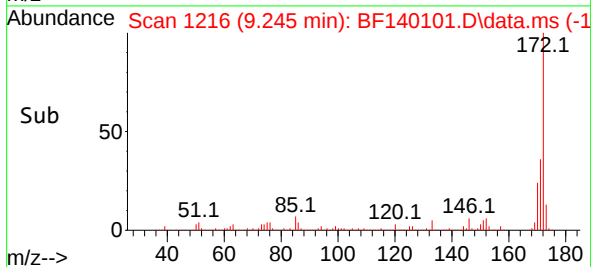
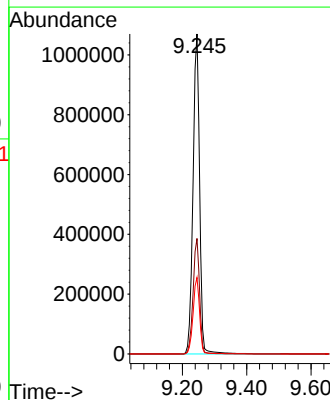
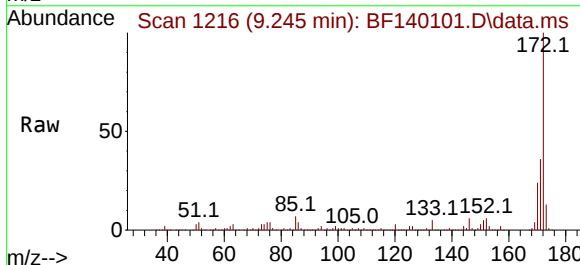
Tgt Ion:172 Resp: 1529595

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.1 28.7

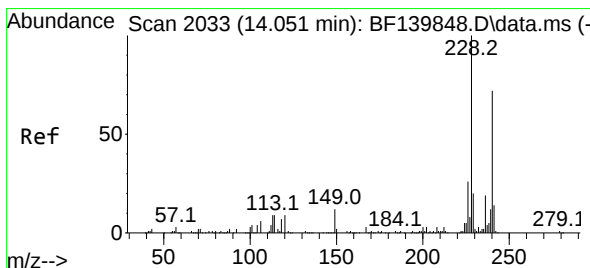
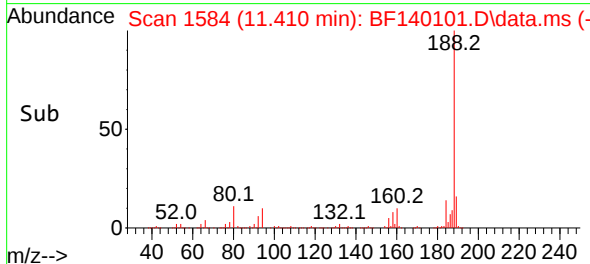
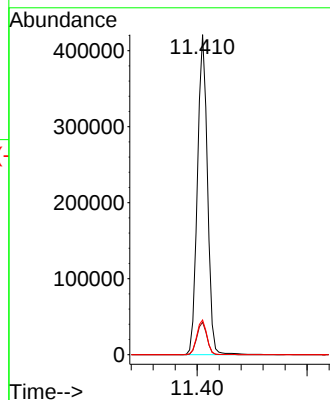
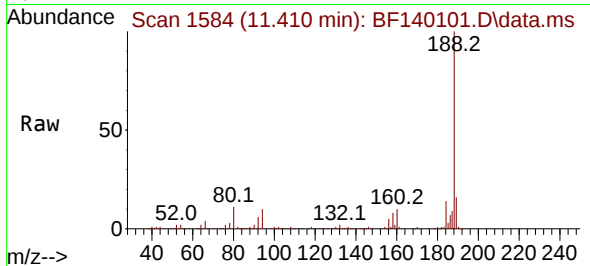




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

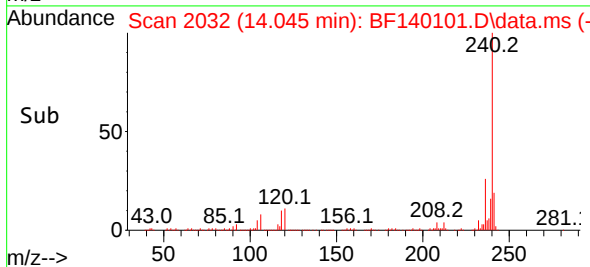
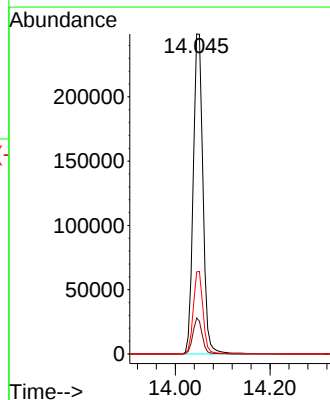
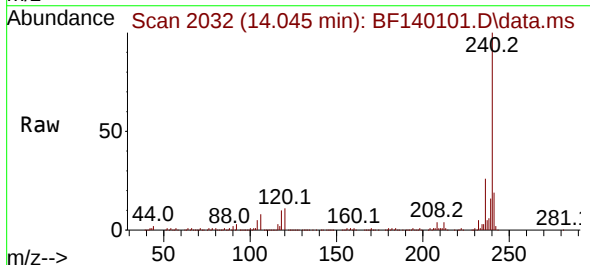
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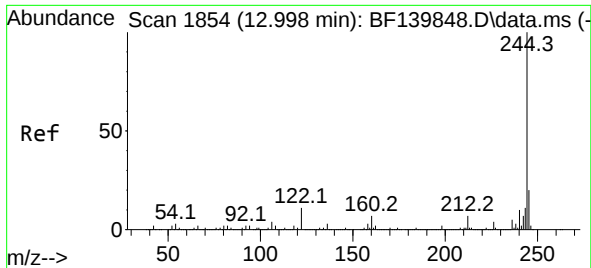
Tgt Ion:188 Resp: 532374
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion:240 Resp: 353787
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.7 20.9 31.3

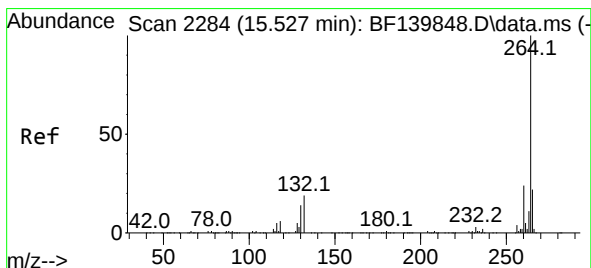
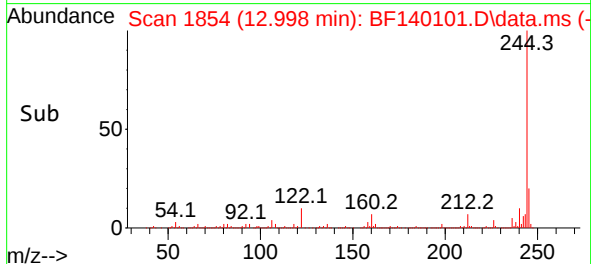
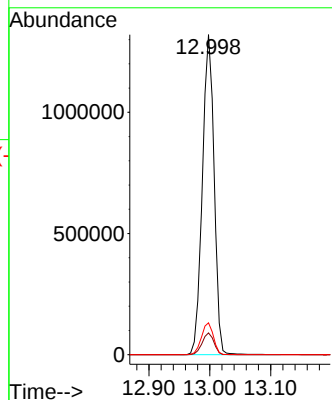
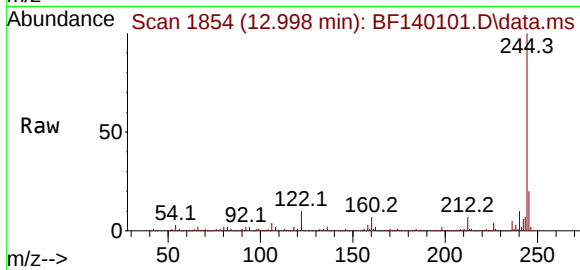




#79
 Terphenyl-d14
 Concen: 81.652 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140101.D
 Acq: 29 Oct 2024 10:05

Instrument :
 BNA_F
 ClientSampleId :
 PB164461BL

Tgt Ion:244 Resp: 1772789
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 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: BF140101.D
 Acq: 29 Oct 2024 10:05

Tgt Ion:264 Resp: 265432
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.4 26.0

