

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139947.D
 Acq On : 23 Oct 2024 00:11
 Operator : RC/JU
 Sample : P4385-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Quant Time: Oct 23 01:15:12 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	6.892	152	114279	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	384129	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	173441	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	309030	20.000	ng	0.00
76) Chrysene-d12	14.051	240	295313	20.000	ng	0.00
86) Perylene-d12	15.527	264	215288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	688420	94.305	ng	0.00
7) Phenol-d6	6.504	99	816896	86.402	ng	0.00
23) Nitrobenzene-d5	7.445	82	509749	73.549	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	170666	105.199	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	848203	80.824	ng	0.00
79) Terphenyl-d14	12.998	244	1040925	57.436	ng	0.00

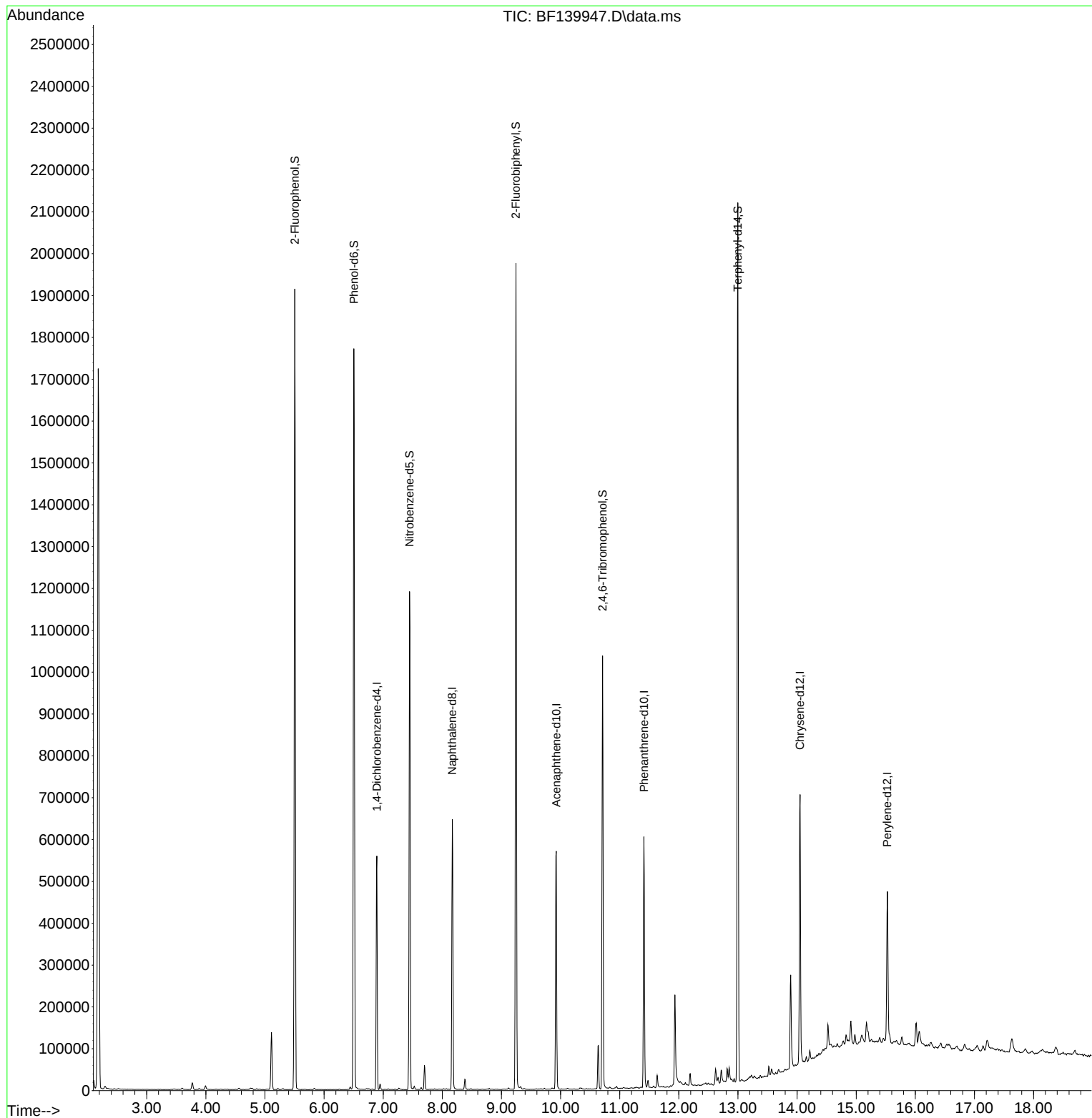
Target Compounds	Qvalue

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

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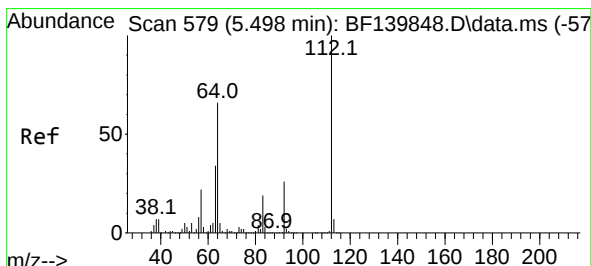
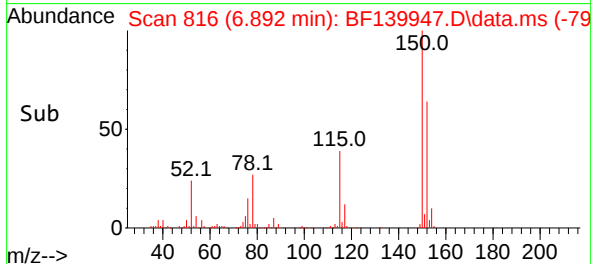
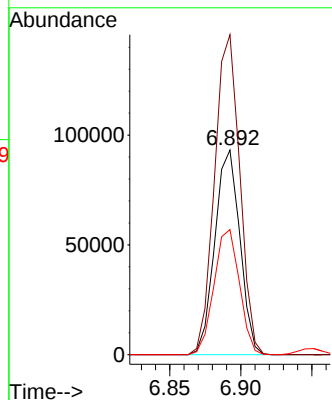
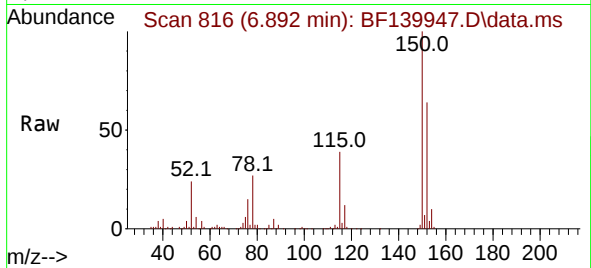




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

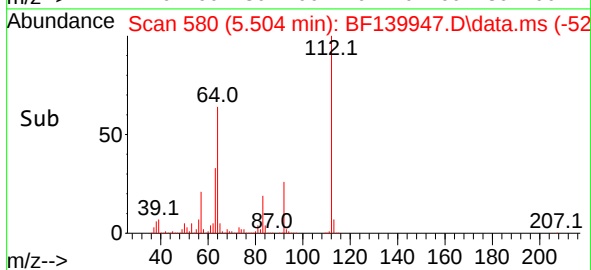
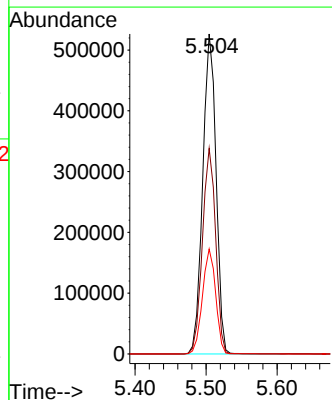
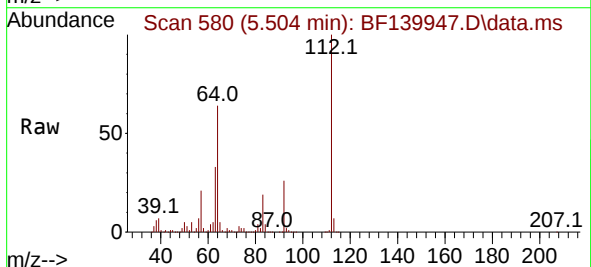
Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:152 Resp: 114279
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 61.1 51.4 77.2



#5
2-Fluorophenol
Concen: 94.305 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:112 Resp: 688420
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 32.8 27.0 40.4

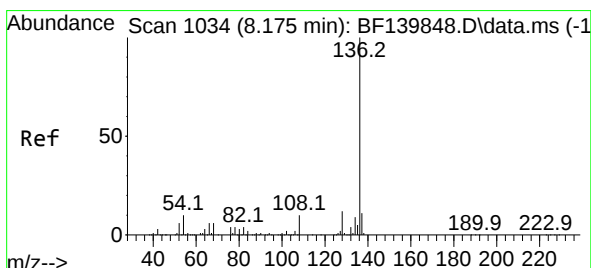
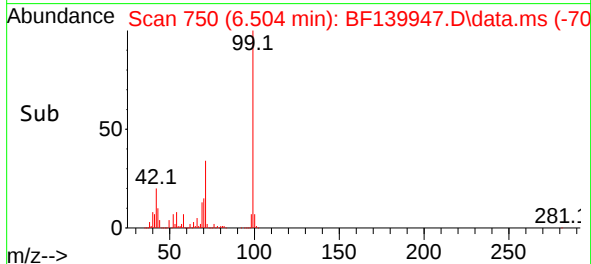
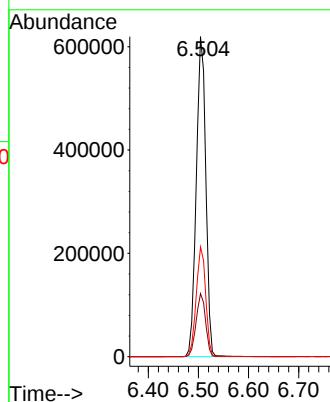
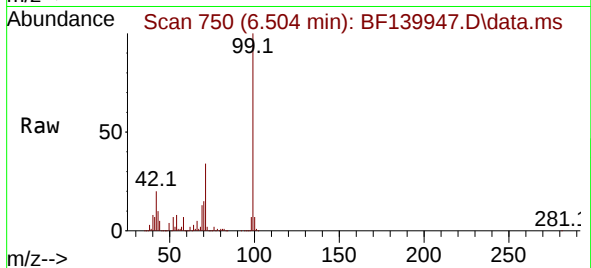




#7
Phenol-d6
Concen: 86.402 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

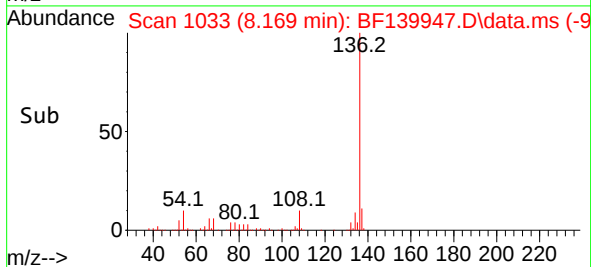
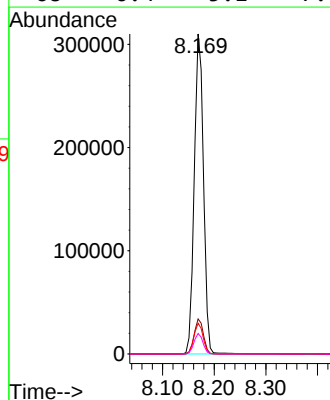
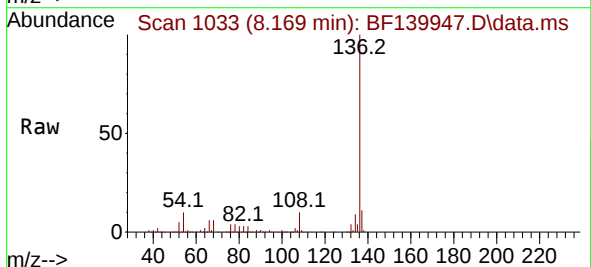
Instrument :
BNA_F
ClientSampleId :
SP-6

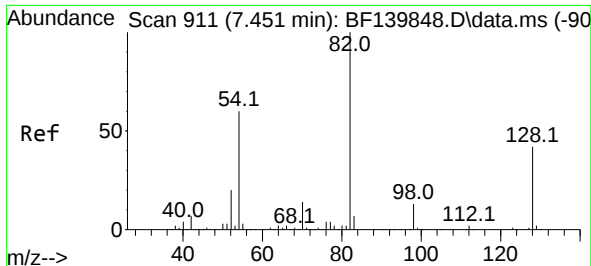
Tgt Ion: 99 Resp: 816896
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion: 136 Resp: 384129
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 6.4 5.1 7.7

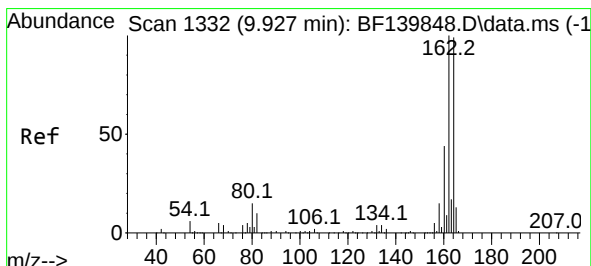
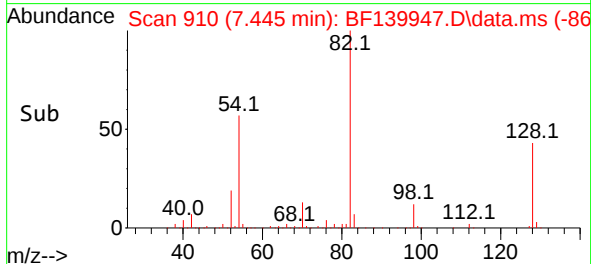
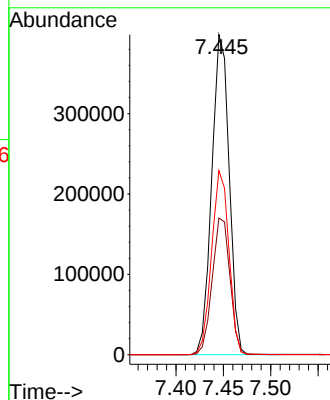
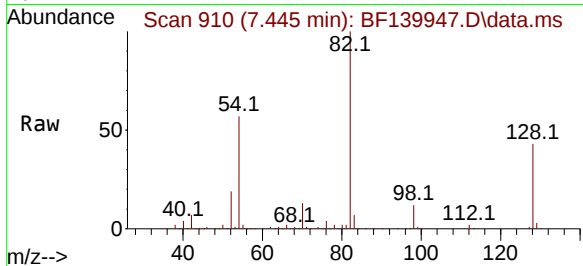




#23
Nitrobenzene-d5
Concen: 73.549 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

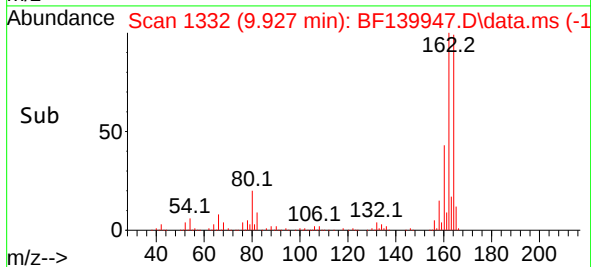
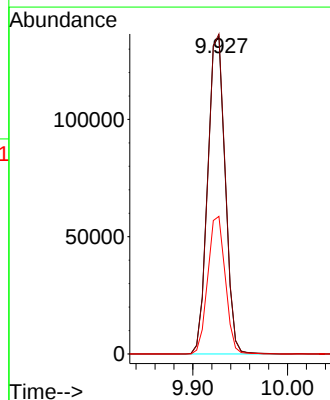
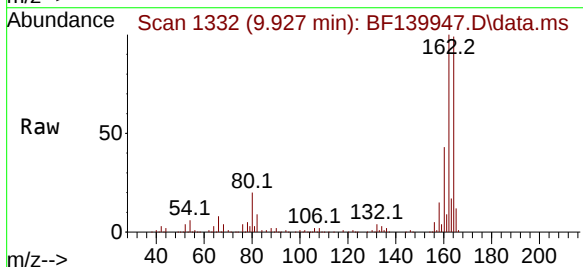
Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion: 82 Resp: 509749
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 57.5 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: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:164 Resp: 173441
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 105.199 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139947.D

Acq: 23 Oct 2024 00:11

Instrument :

BNA_F

ClientSampleId :

SP-6

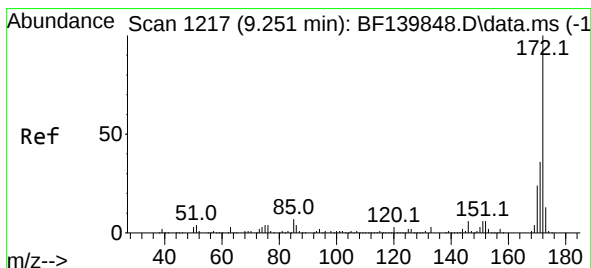
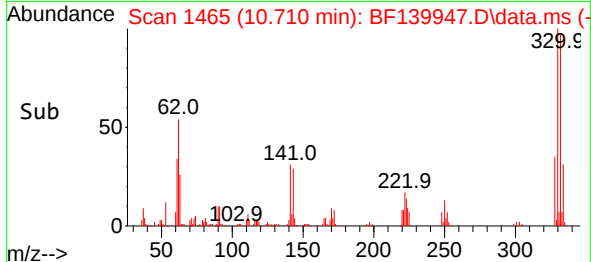
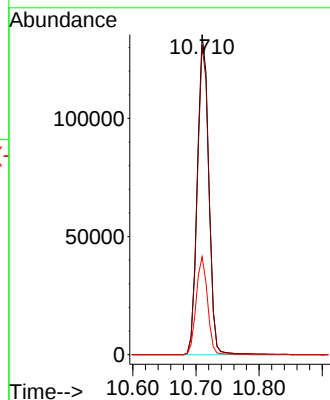
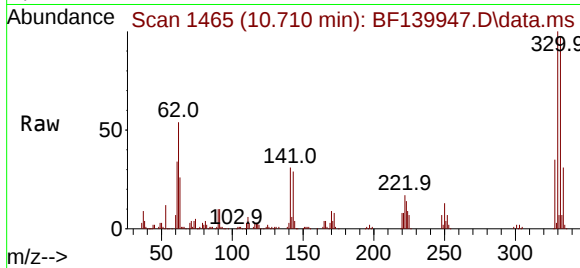
Tgt Ion:330 Resp: 170666

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 30.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 80.824 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139947.D

Acq: 23 Oct 2024 00:11

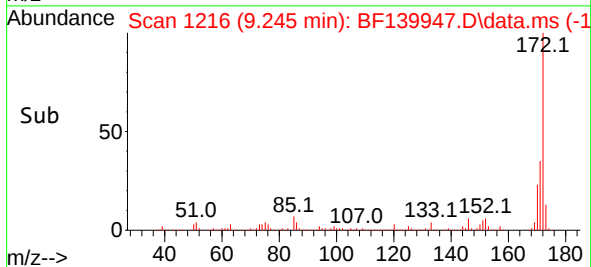
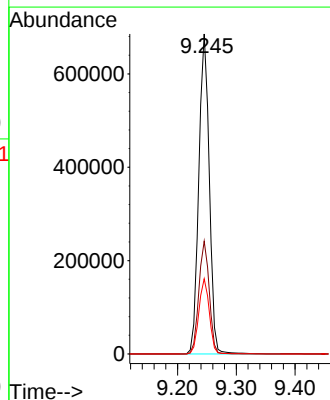
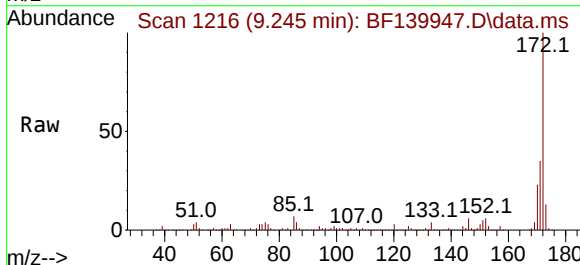
Tgt Ion:172 Resp: 848203

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.5 19.1 28.7

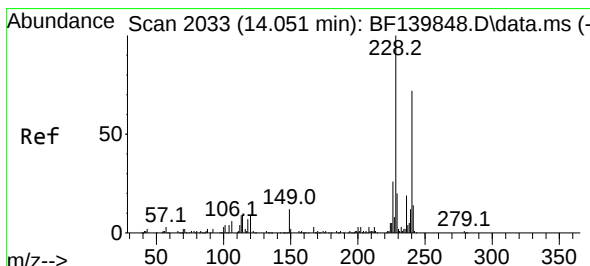
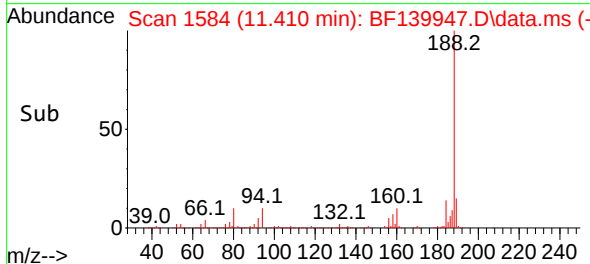
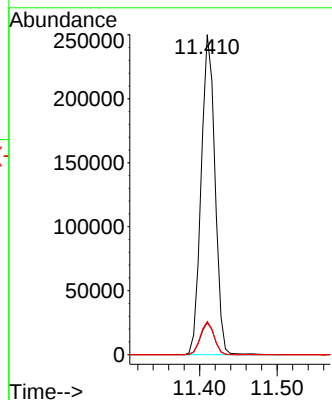
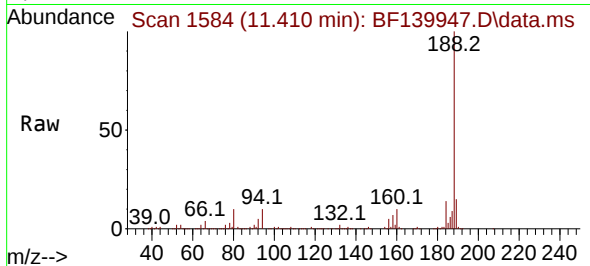




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

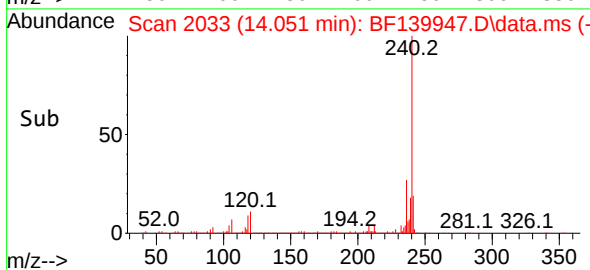
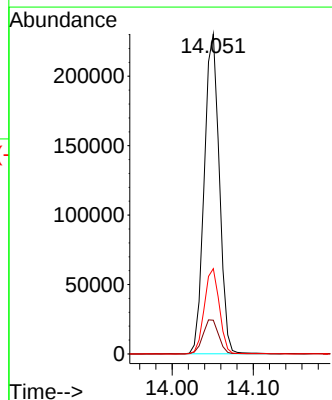
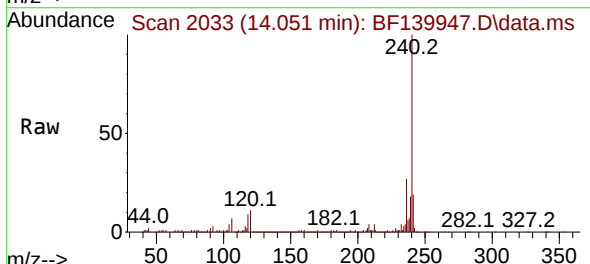
Instrument :
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SP-6

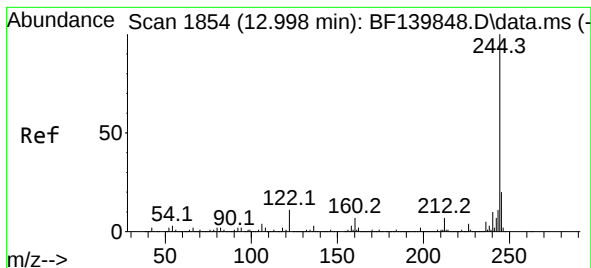
Tgt Ion:188 Resp: 309030
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139947.D
Acq: 23 Oct 2024 00:11

Tgt Ion:240 Resp: 295313
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 57.436 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139947.D

Acq: 23 Oct 2024 00:11

Instrument :

BNA_F

ClientSampleId :

SP-6

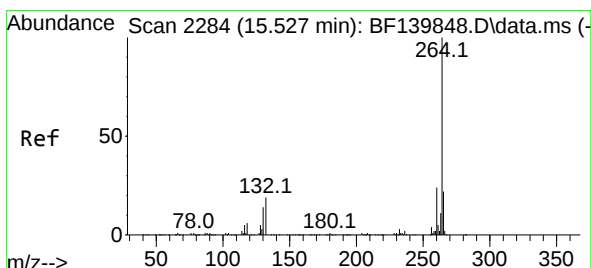
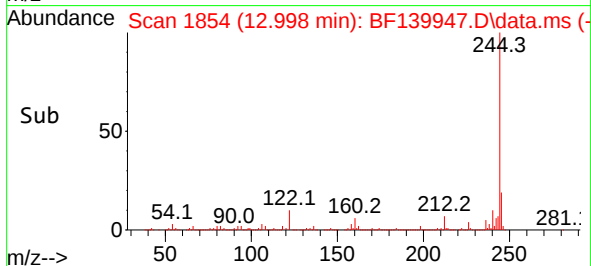
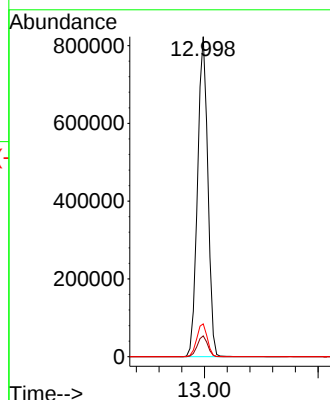
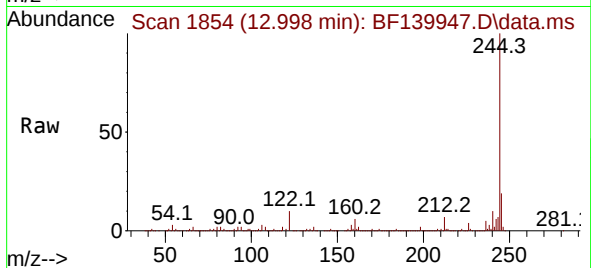
Tgt Ion:244 Resp: 1040925

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 10.2 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: BF139947.D

Acq: 23 Oct 2024 00:11

Tgt Ion:264 Resp: 215288

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.5 17.4 26.0

