

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140109.D
 Acq On : 29 Oct 2024 13:50
 Operator : RC/JU
 Sample : P4574-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: Oct 29 14:17:41 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	116741	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	458109	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254406	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	440468	20.000	ng	0.00
76) Chrysene-d12	14.057	240	213228	20.000	ng	0.00
86) Perylene-d12	15.562	264	264291	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	334462	44.851	ng	0.00
7) Phenol-d6	6.504	99	482713	49.979	ng	0.00
23) Nitrobenzene-d5	7.445	82	376103	45.502	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	114665	48.186	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	731928	47.548	ng	-0.01
79) Terphenyl-d14	12.992	244	652680	49.878	ng	0.00

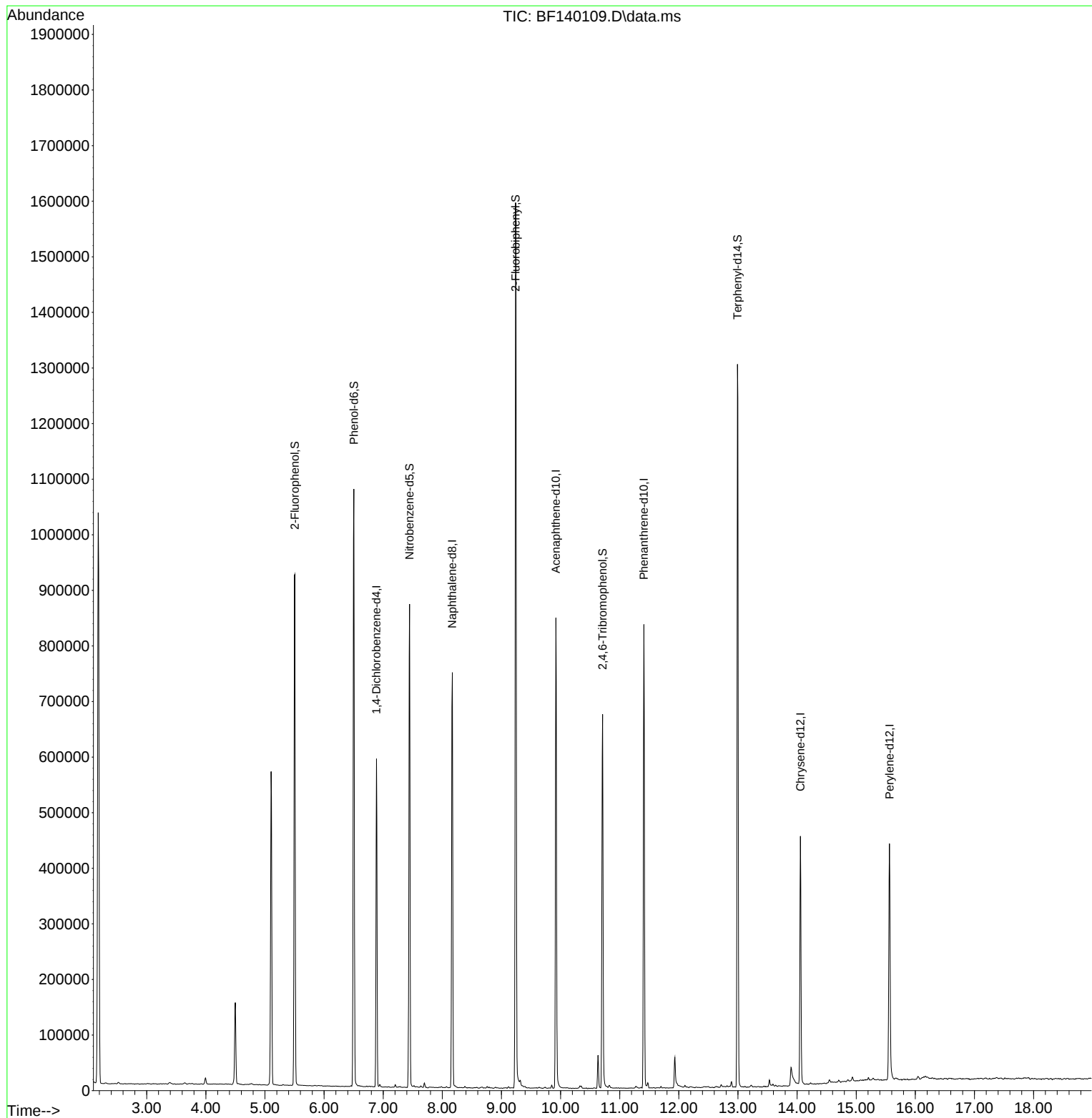
Target Compounds	Qvalue

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

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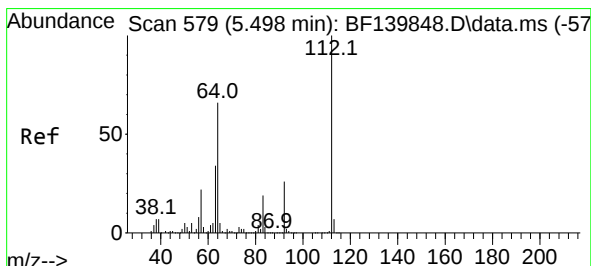
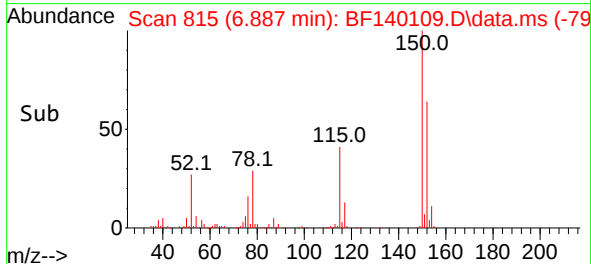
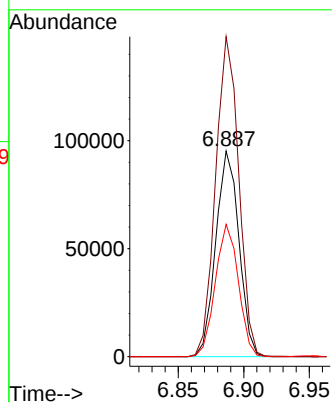
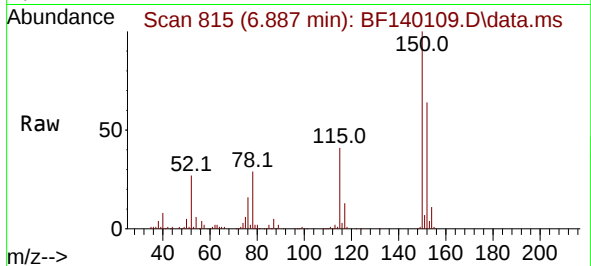




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140109.D
Acq: 29 Oct 2024 13:50

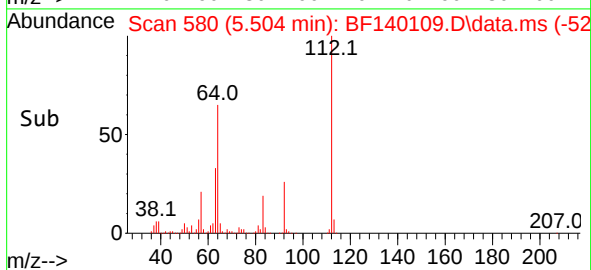
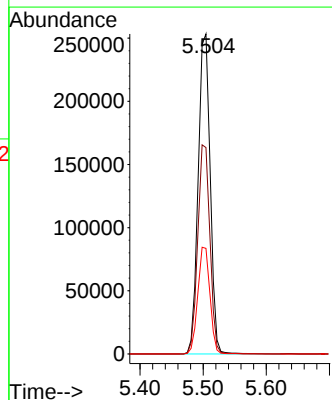
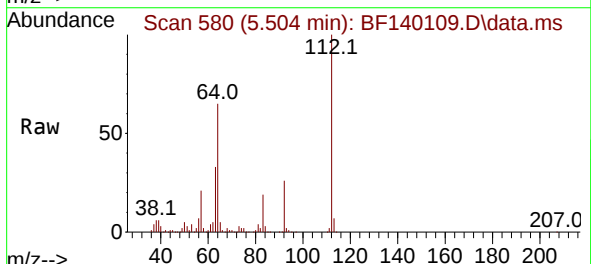
Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

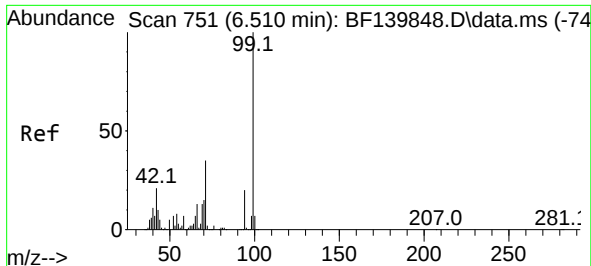
Tgt Ion:152 Resp: 116741
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 44.851 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140109.D
Acq: 29 Oct 2024 13:50

Tgt Ion:112 Resp: 334462
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.0 27.0 40.4

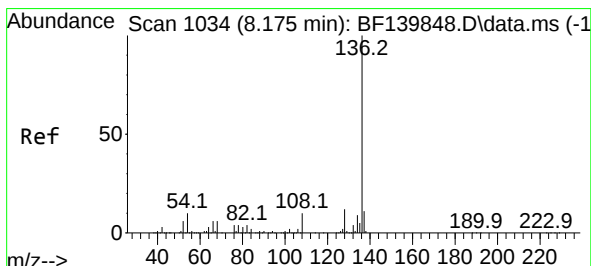
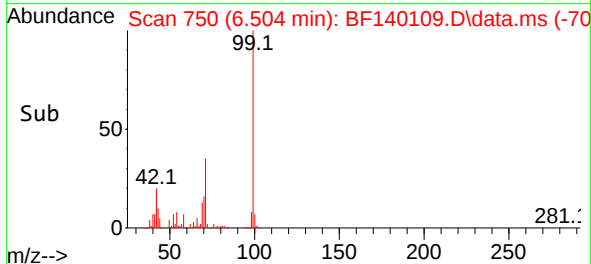
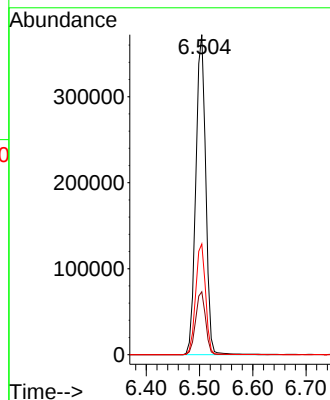
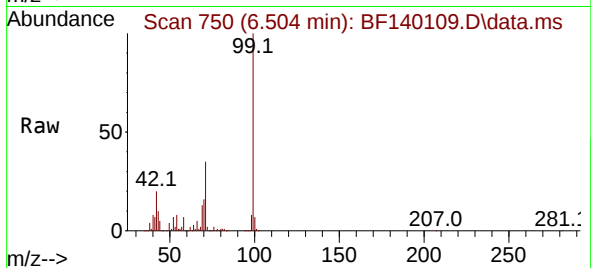




#7
Phenol-d6
Concen: 49.979 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140109.D
Acq: 29 Oct 2024 13:50

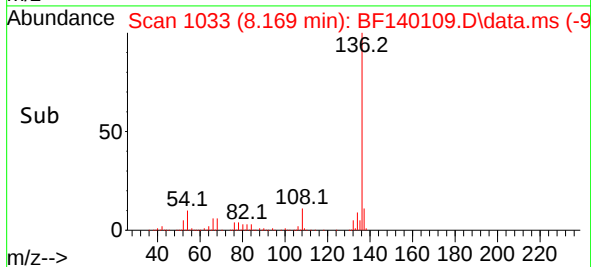
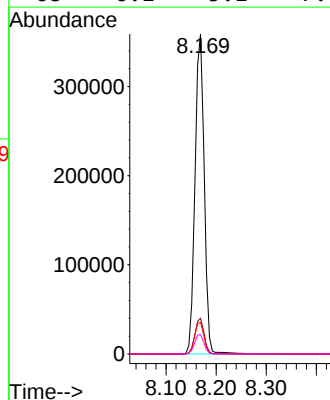
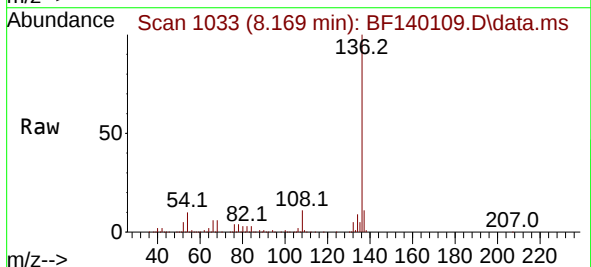
Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

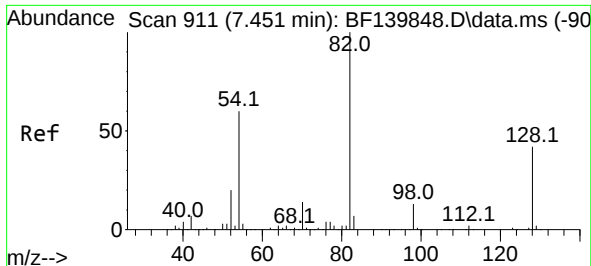
Tgt Ion: 99 Resp: 482713
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140109.D
Acq: 29 Oct 2024 13:50

Tgt Ion: 136 Resp: 458109
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.9 8.4 12.6
68 6.1 5.1 7.7

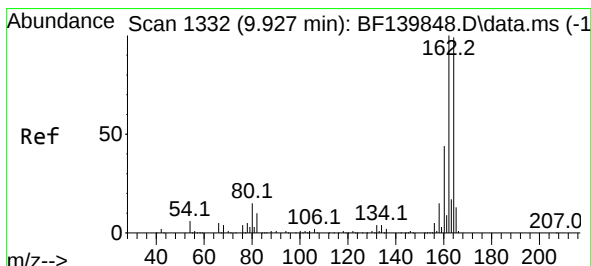
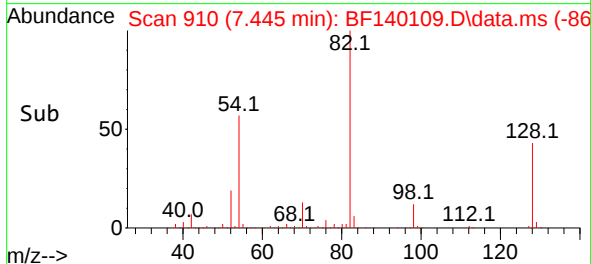
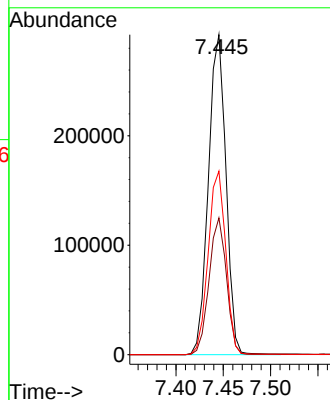
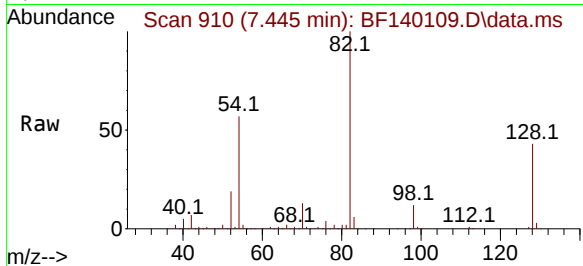




#23
 Nitrobenzene-d5
 Concen: 45.502 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140109.D
 Acq: 29 Oct 2024 13:50

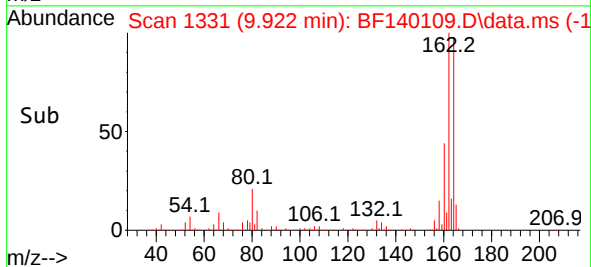
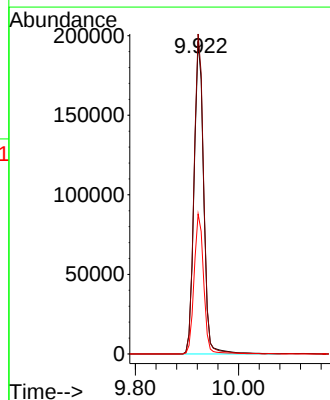
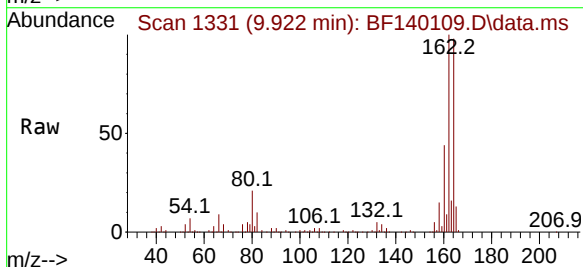
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

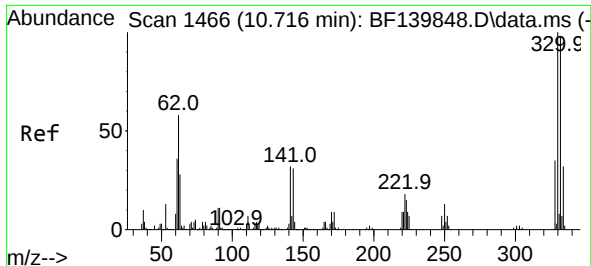
Tgt Ion: 82 Resp: 376103
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.4 50.0
 54 57.4 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140109.D
 Acq: 29 Oct 2024 13:50

Tgt Ion:164 Resp: 254406
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.0 121.4
 160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 48.186 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140109.D

Acq: 29 Oct 2024 13:50

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

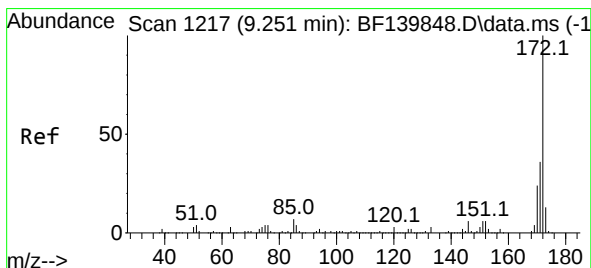
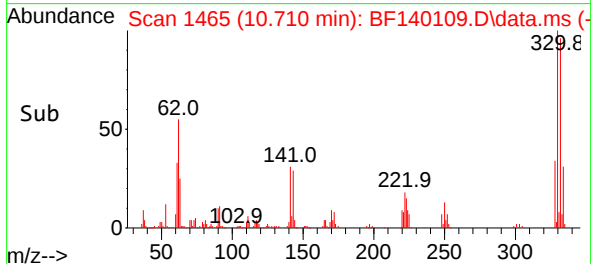
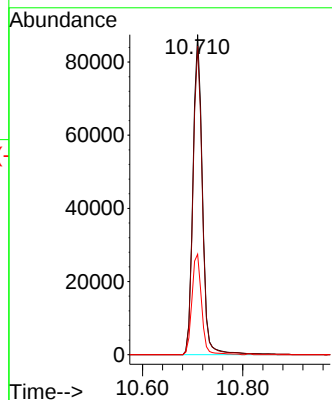
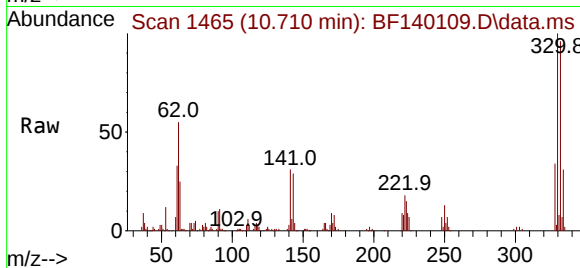
Tgt Ion:330 Resp: 114665

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 32.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 47.548 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140109.D

Acq: 29 Oct 2024 13:50

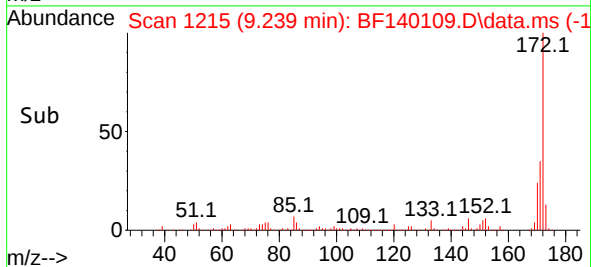
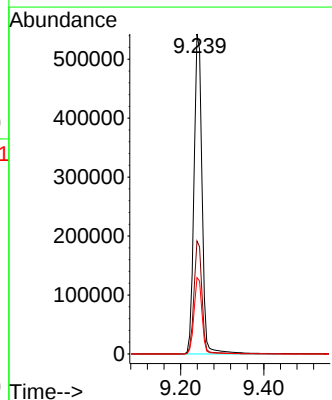
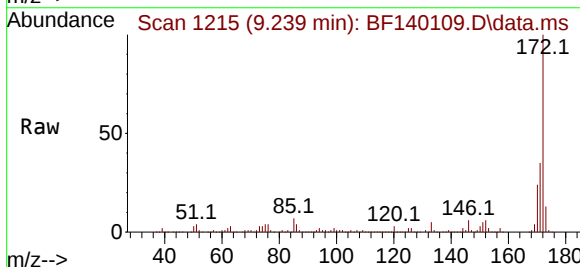
Tgt Ion:172 Resp: 731928

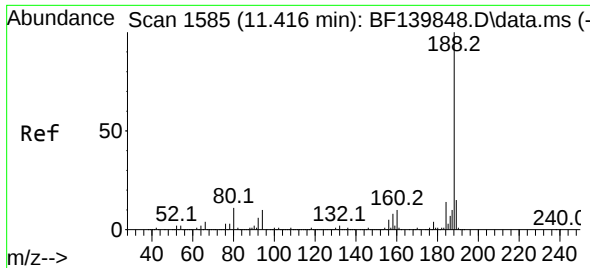
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.9 19.1 28.7

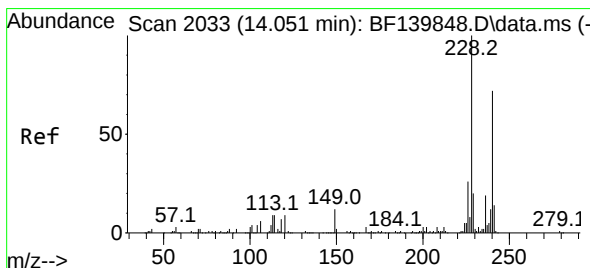
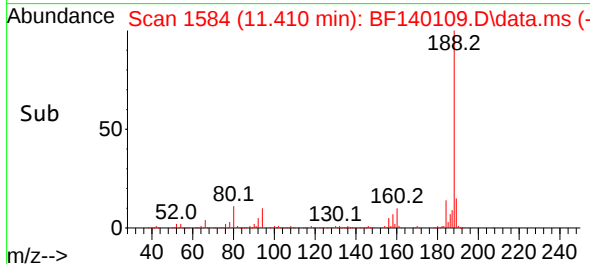
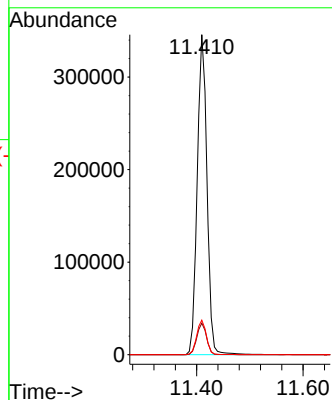
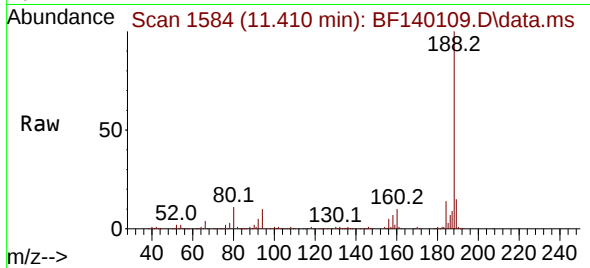




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140109.D
Acq: 29 Oct 2024 13:50

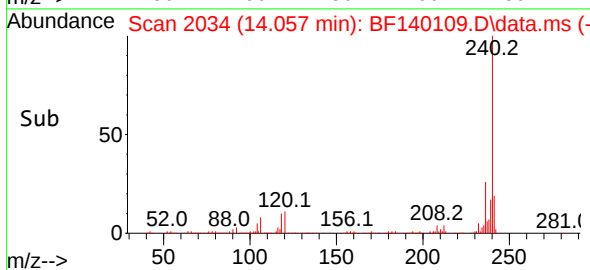
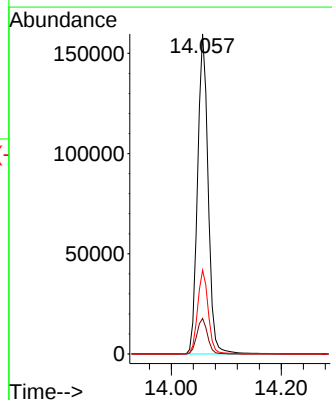
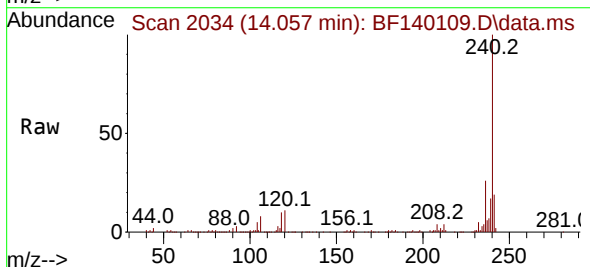
Instrument :
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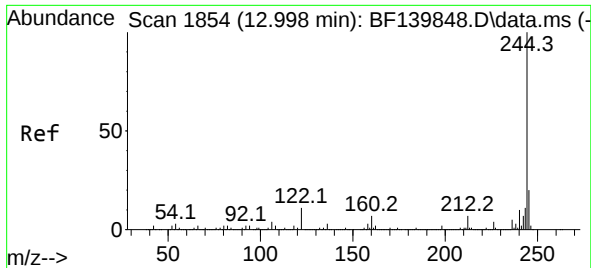
Tgt Ion:188 Resp: 440468
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.8 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140109.D
Acq: 29 Oct 2024 13:50

Tgt Ion:240 Resp: 213228
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.2 20.9 31.3

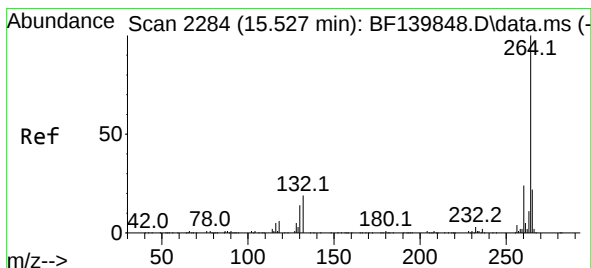
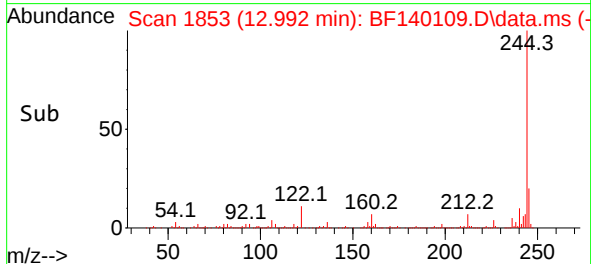
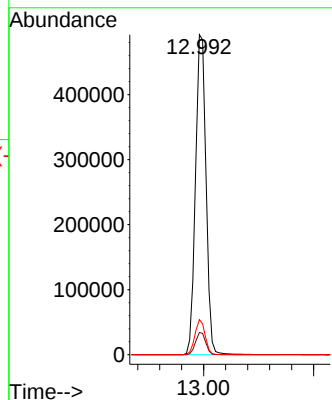
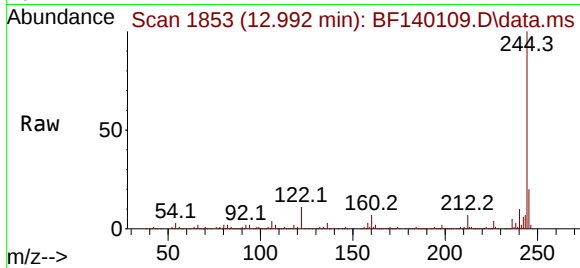




#79
 Terphenyl-d14
 Concen: 49.878 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140109.D
 Acq: 29 Oct 2024 13:50

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tgt Ion:244 Resp: 652680
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2290
 Delta R.T. 0.035 min
 Lab File: BF140109.D
 Acq: 29 Oct 2024 13:50

Tgt Ion:264 Resp: 264291
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.5 17.4 26.0

