

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138786.D
 Acq On : 05 Aug 2024 15:23
 Operator : RC/JU
 Sample : P3448-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Aug 05 15:45:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	48221	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	201561	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	115583	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214583	20.000	ng	0.00
76) Chrysene-d12	14.010	240	127838	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	86946	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	434231	139.006	ng	0.02
7) Phenol-d6	6.492	99	543691	129.634	ng	0.00
23) Nitrobenzene-d5	7.410	82	387872	94.084	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	171361	180.994	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	724737	94.211	ng	0.00
79) Terphenyl-d14	12.957	244	873451	114.394	ng	0.01

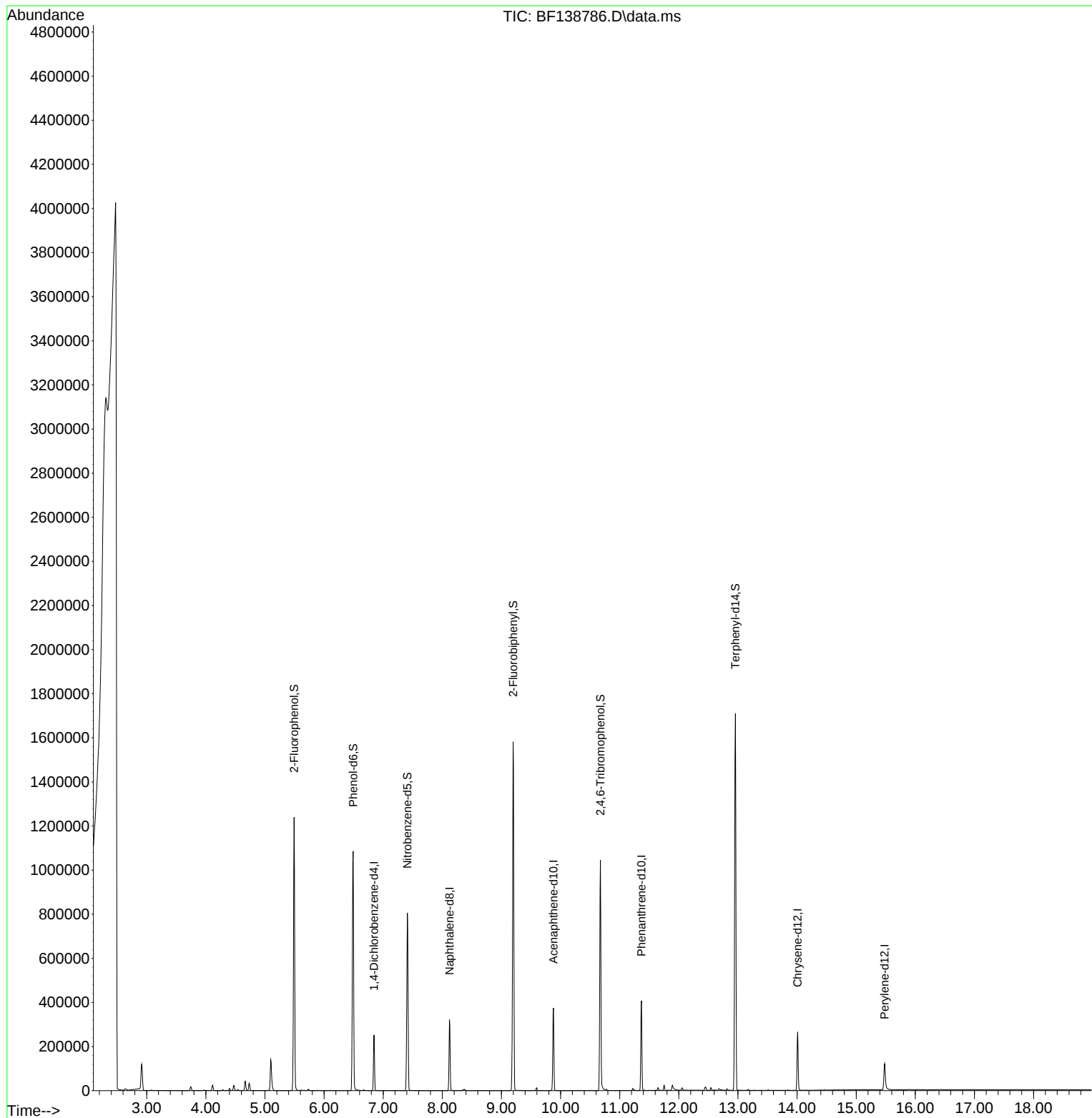
Target Compounds	Qvalue

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

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Quant Time: Aug 05 15:45:22 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

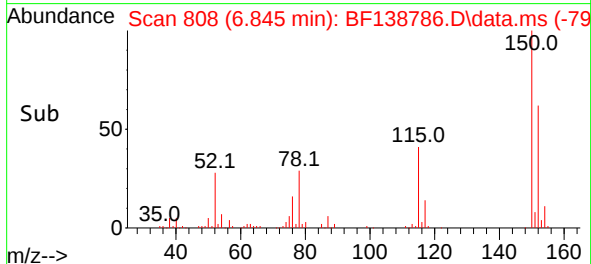
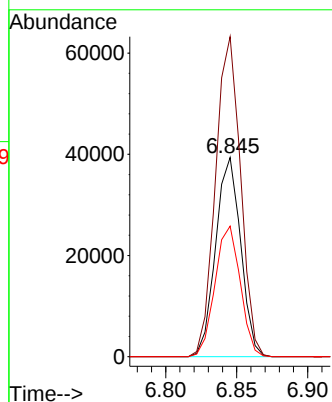
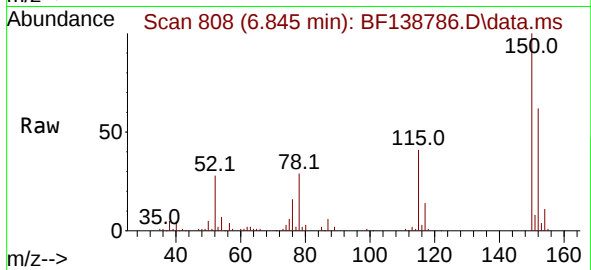




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

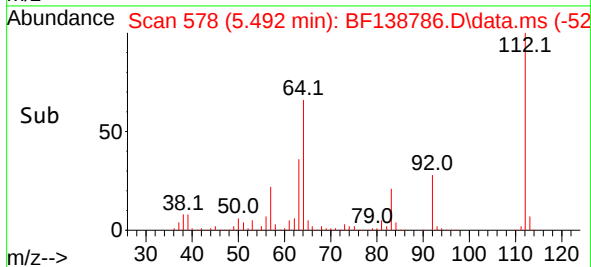
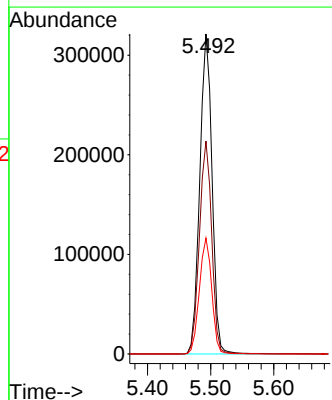
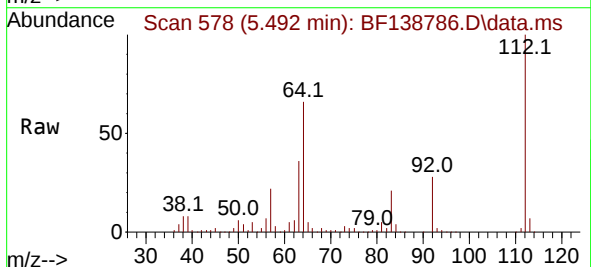
Instrument :
BNA_F
ClientSampleId :
TP7

Tgt Ion:152 Resp: 48221
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 65.5 51.7 77.5



#5
2-Fluorophenol
Concen: 139.006 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.023 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:112 Resp: 434231
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 36.2 28.7 43.1





#7

Phenol-d6

Concen: 129.634 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

TP7

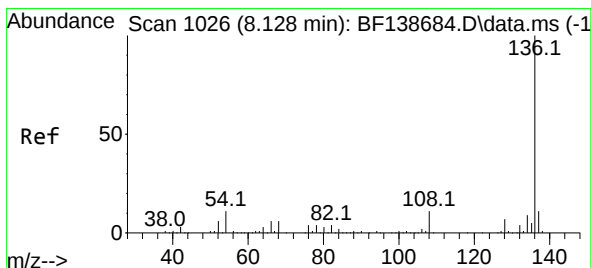
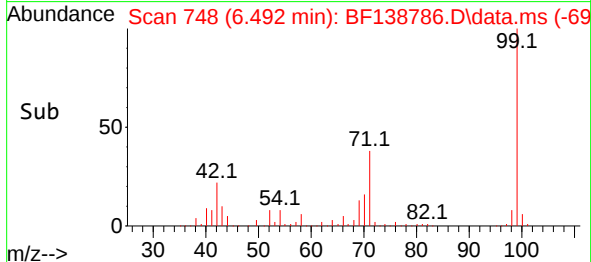
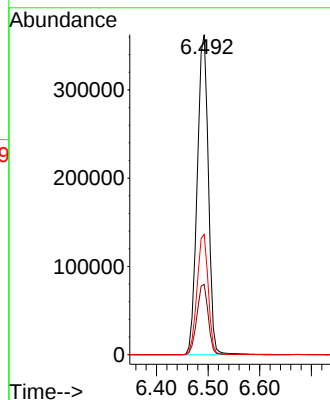
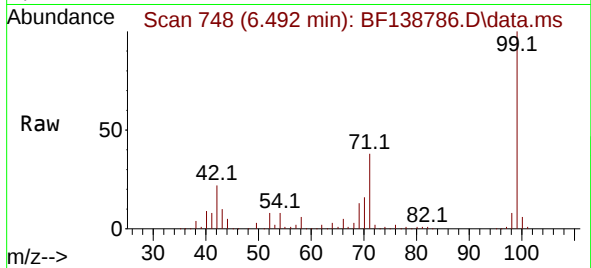
Tgt Ion: 99 Resp: 543691

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

71 37.6 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

Tgt Ion: 136 Resp: 201561

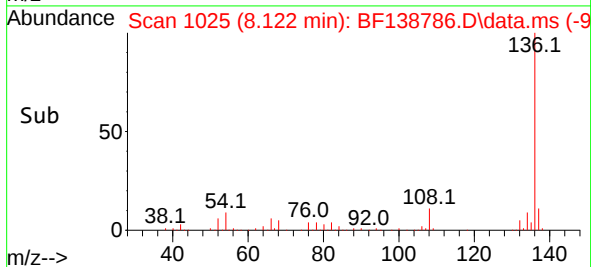
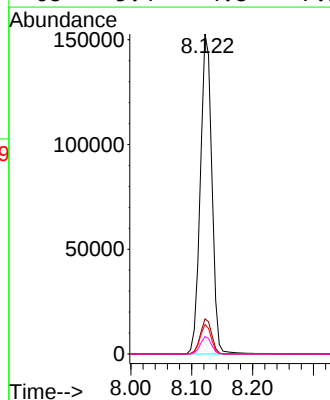
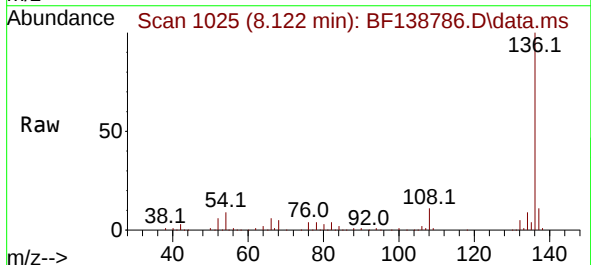
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 8.6 12.8

68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.084 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

Instrument :

BNA_F

ClientSampleId :

TP7

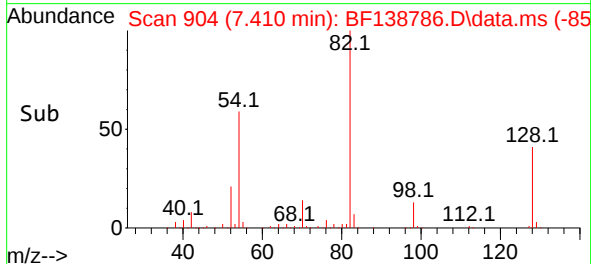
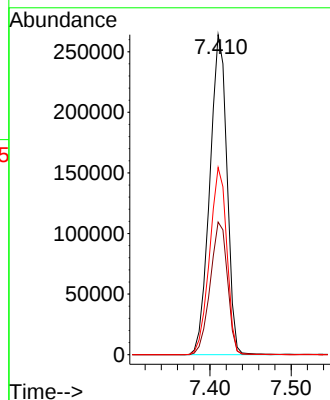
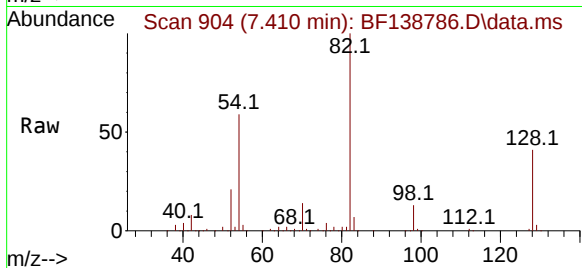
Tgt Ion: 82 Resp: 387872

Ion Ratio Lower Upper

82 100

128 41.5 32.8 49.2

54 58.5 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138786.D

Acq: 05 Aug 2024 15:23

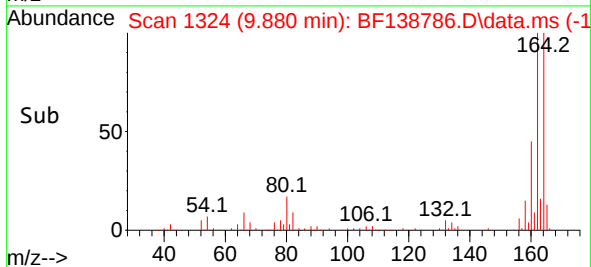
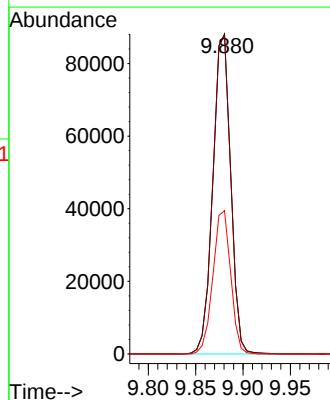
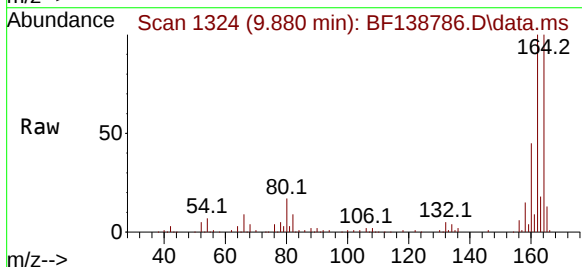
Tgt Ion:164 Resp: 115583

Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

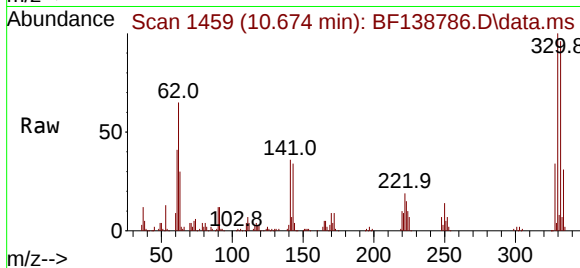
160 44.8 35.1 52.7



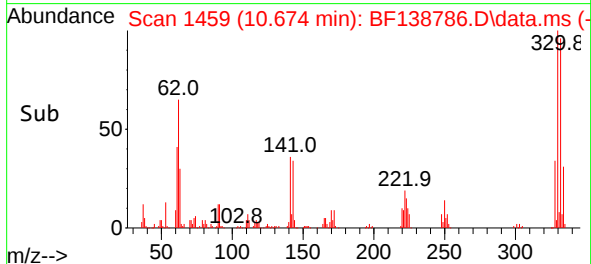
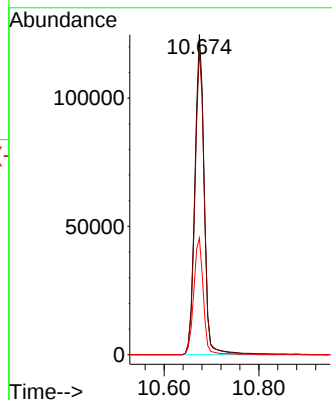


#42
2,4,6-Tribromophenol
Concen: 180.994 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Instrument :
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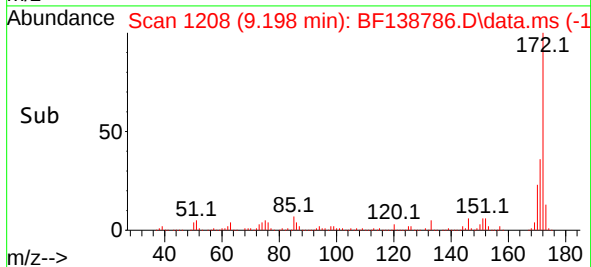
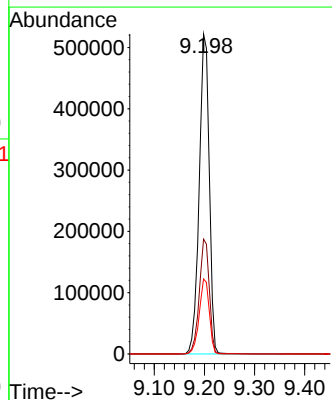
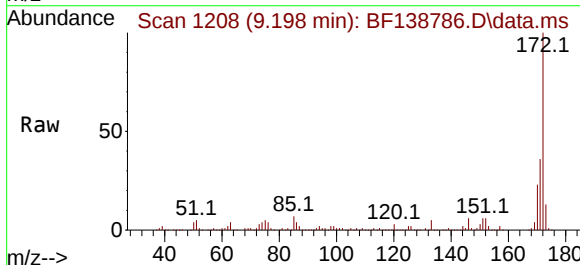


Tgt Ion:330 Resp: 171361
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 37.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 94.211 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:172 Resp: 724737
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.5 18.8 28.2

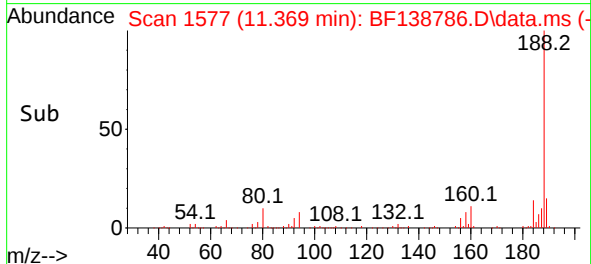
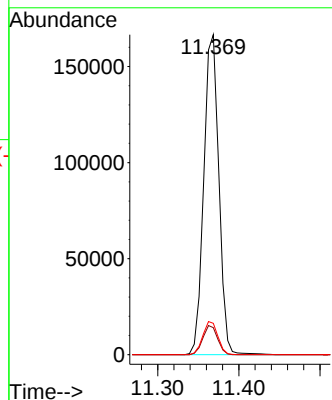
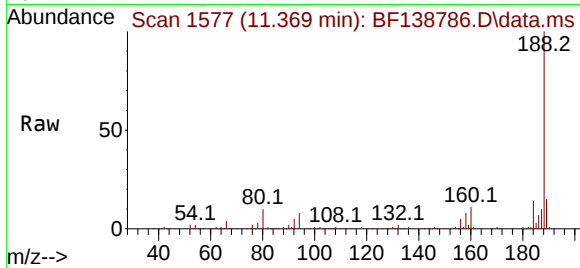




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

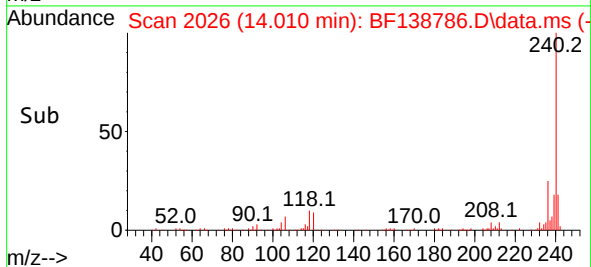
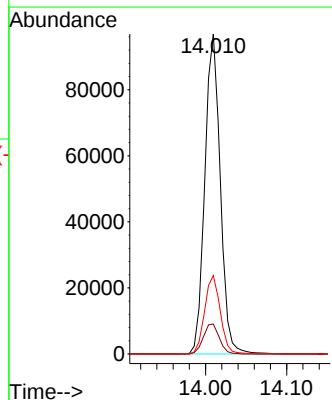
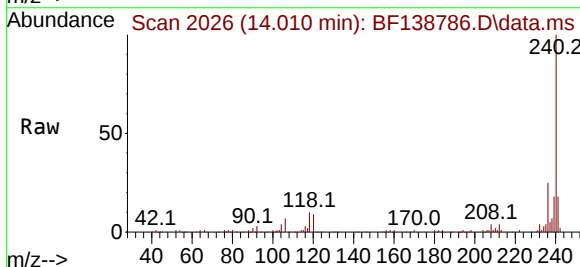
Instrument :
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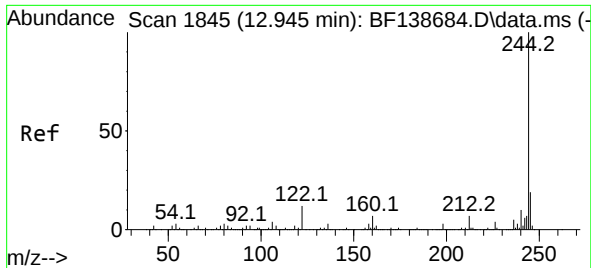
Tgt Ion:188 Resp: 214583
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138786.D
Acq: 05 Aug 2024 15:23

Tgt Ion:240 Resp: 127838
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 24.5 19.8 29.8

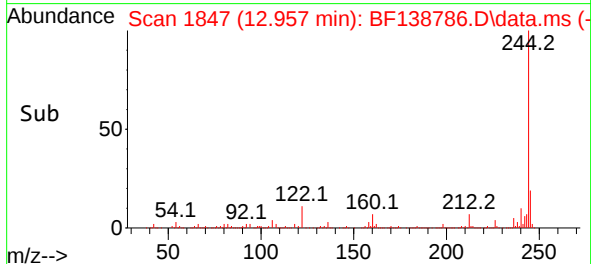
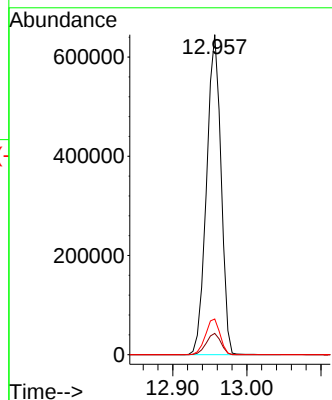
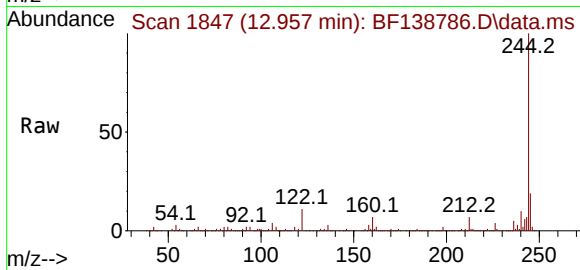




#79
 Terphenyl-d14
 Concen: 114.394 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. 0.012 min
 Lab File: BF138786.D
 Acq: 05 Aug 2024 15:23

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Tgt Ion:244 Resp: 873451
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. 0.012 min
 Lab File: BF138786.D
 Acq: 05 Aug 2024 15:23

Tgt Ion:264 Resp: 86946
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.1 17.0 25.6

