

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136146.D
 Acq On : 04 Nov 2023 14:27
 Operator : CG\JU
 Sample : 05242-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231102

Quant Time: Nov 06 01:01:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	93808	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	359198	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	187576	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	337216	20.000	ng	0.00
76) Chrysene-d12	14.004	240	180327	20.000	ng	0.00
86) Perylene-d12	15.492	264	239584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	263992	44.222	ng	0.00
7) Phenol-d6	6.440	99	183421	24.660	ng	-0.02
23) Nitrobenzene-d5	7.381	82	559415	93.884	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	263007	131.363	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1103643	93.792	ng	0.00
79) Terphenyl-d14	12.951	244	1001009	86.265	ng	0.00

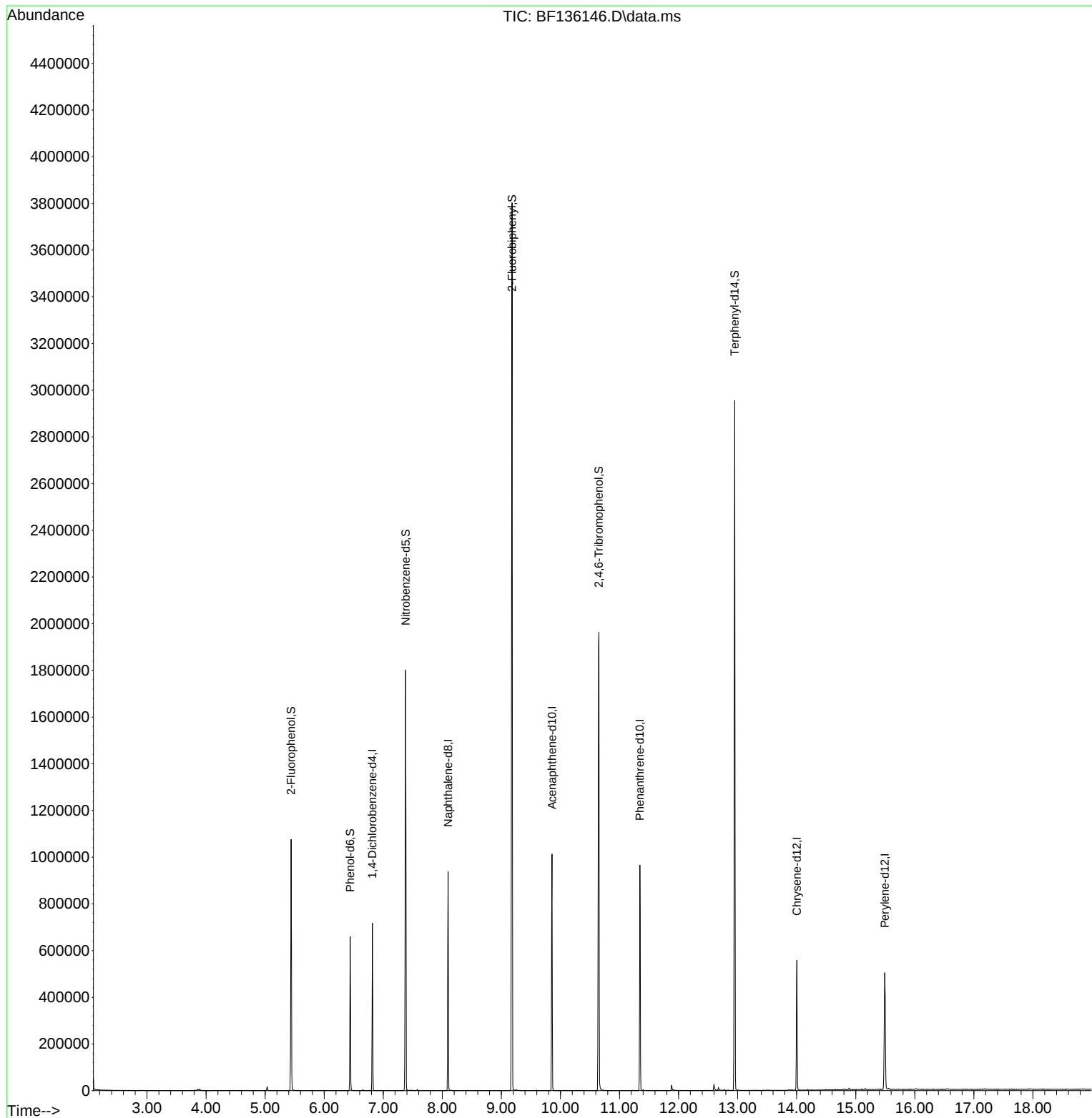
Target Compounds	Qvalue

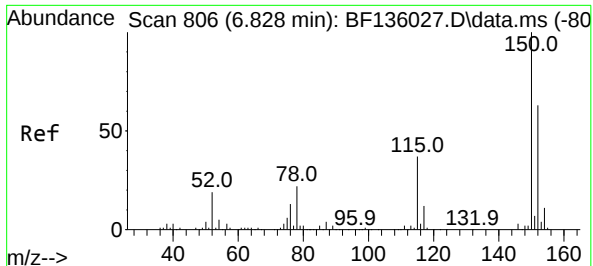
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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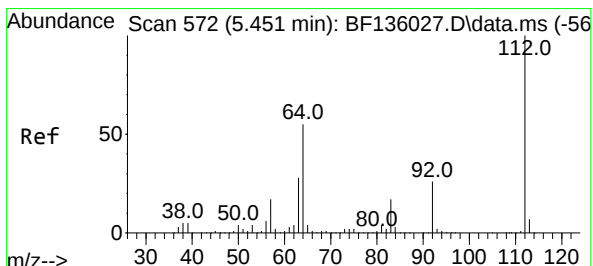
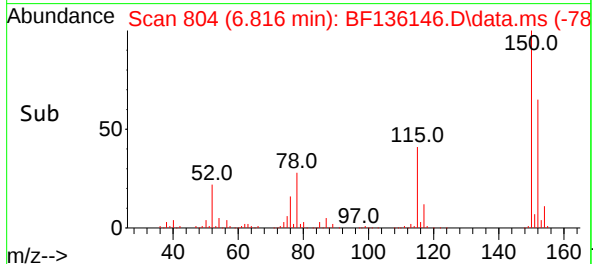
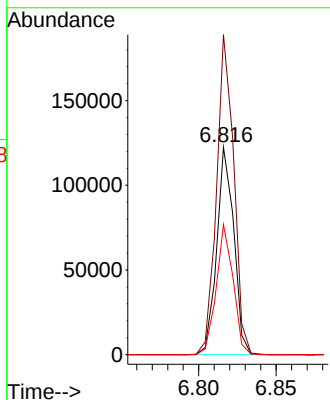
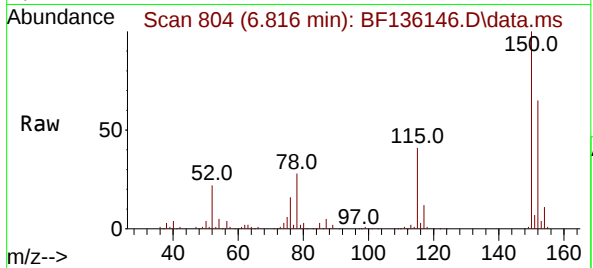




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136146.D
 Acq: 04 Nov 2023 14:27

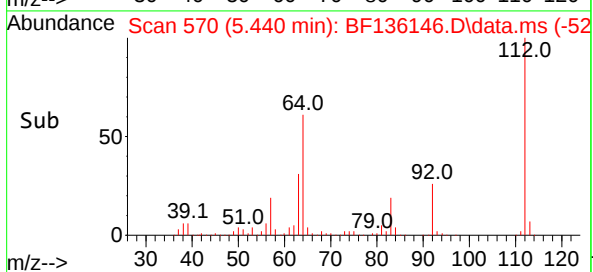
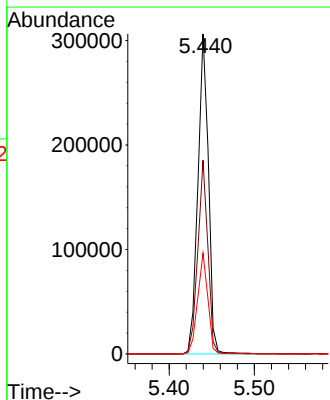
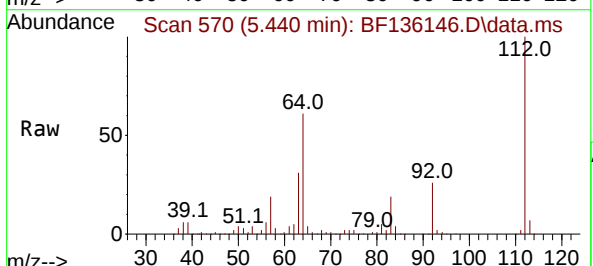
Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20231102

Tgt Ion:152 Resp: 93808
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.4 189.6
 115 62.7 47.0 70.4



#5
 2-Fluorophenol
 Concen: 44.222 ng
 RT: 5.440 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: BF136146.D
 Acq: 04 Nov 2023 14:27

Tgt Ion:112 Resp: 263992
 Ion Ratio Lower Upper
 112 100
 64 60.6 43.9 65.9
 63 31.5 22.4 33.6





#7

Phenol-d6

Concen: 24.660 ng

RT: 6.440 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

Instrument :

BNA_F

ClientSampleId :

SP-303-20231102

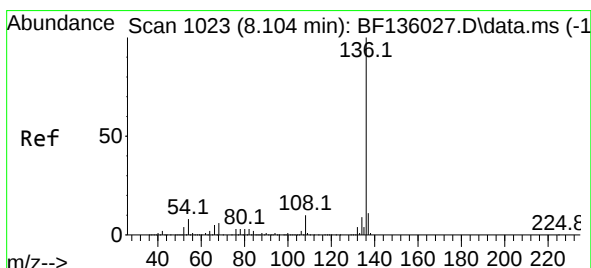
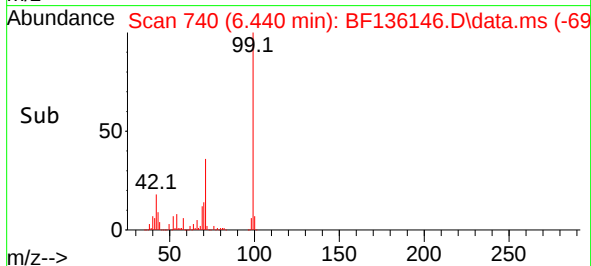
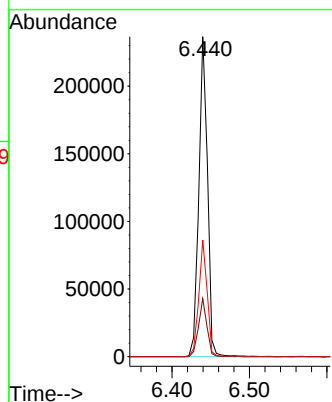
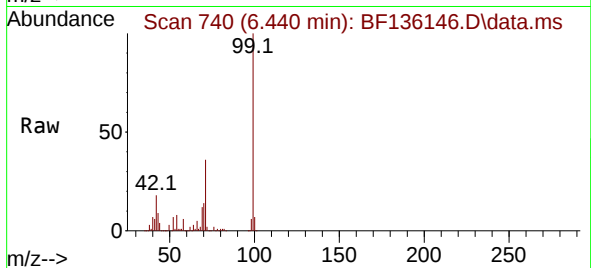
Tgt Ion: 99 Resp: 183421

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

71 36.5 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

Tgt Ion: 136 Resp: 359198

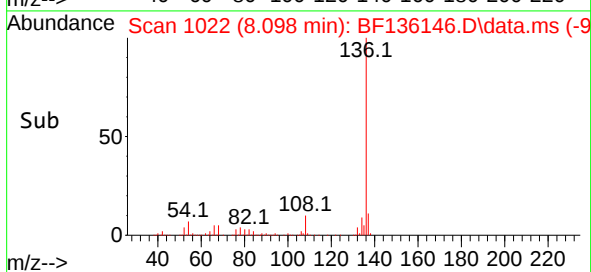
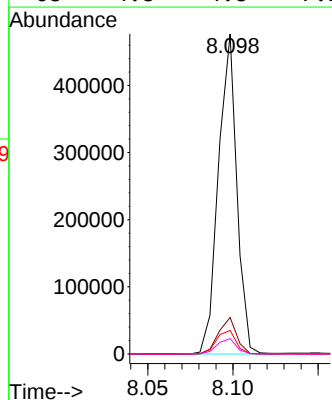
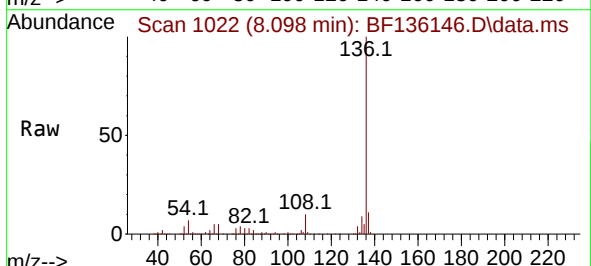
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 7.4 6.6 9.8

68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.884 ng

RT: 7.381 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

Instrument :

BNA_F

ClientSampleId :

SP-303-20231102

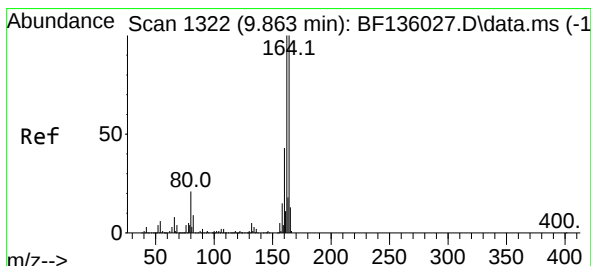
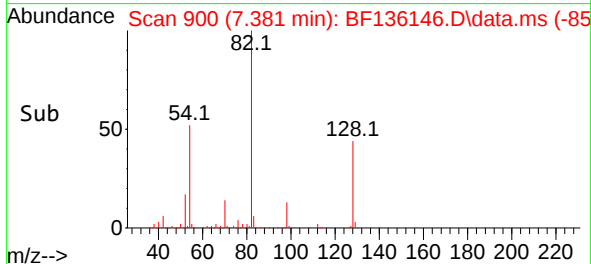
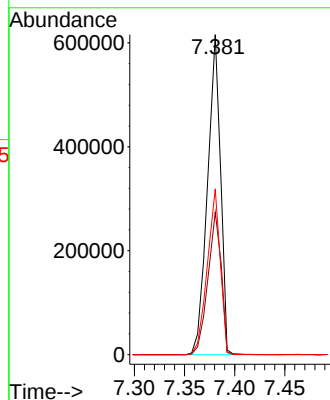
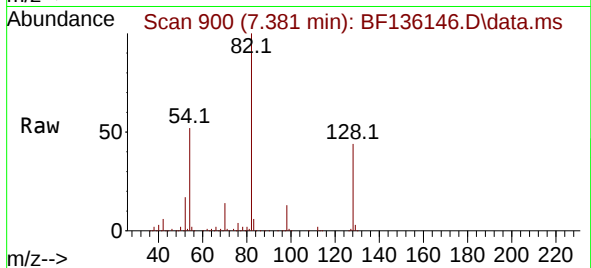
Tgt Ion: 82 Resp: 559415

Ion Ratio Lower Upper

82 100

128 44.5 38.6 57.8

54 51.8 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

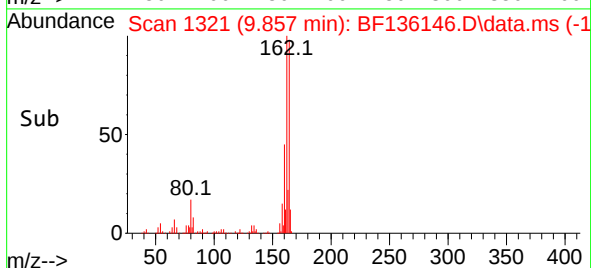
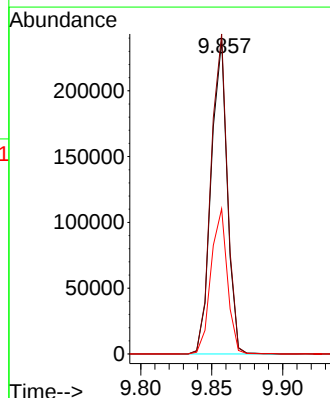
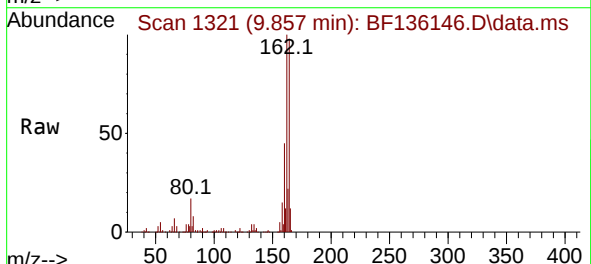
Tgt Ion:164 Resp: 187576

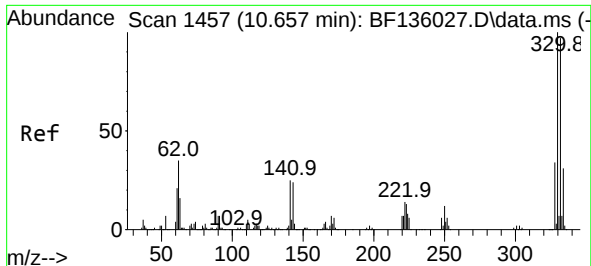
Ion Ratio Lower Upper

164 100

162 102.0 80.1 120.1

160 46.2 34.8 52.2

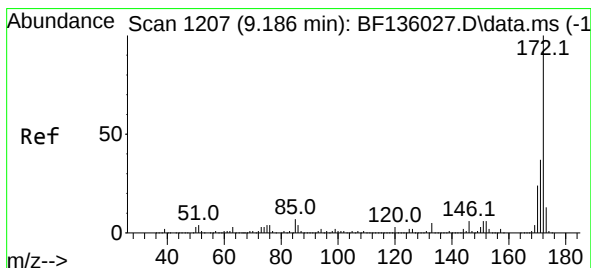
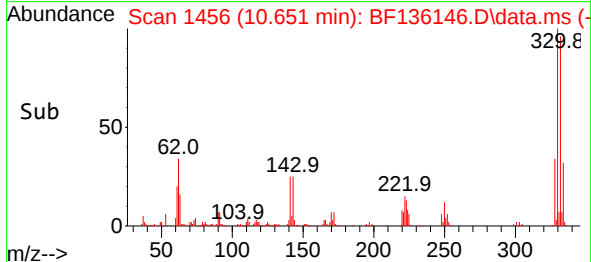
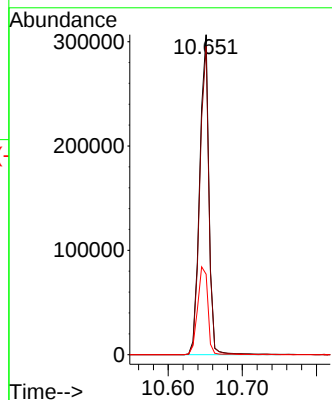
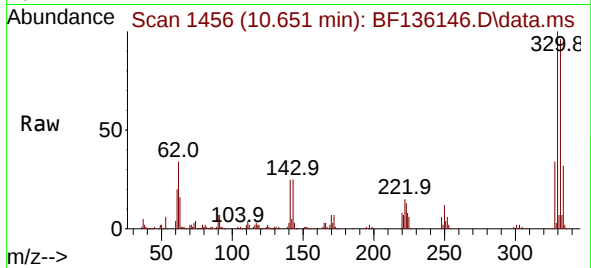




#42
2,4,6-Tribromophenol
Concen: 131.363 ng
RT: 10.651 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 14:27

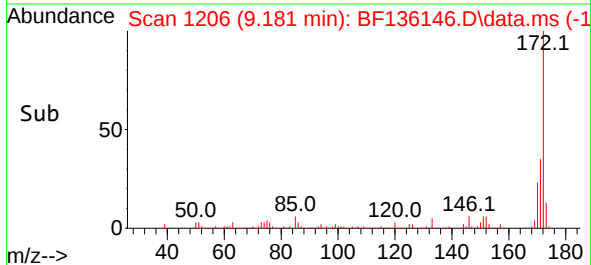
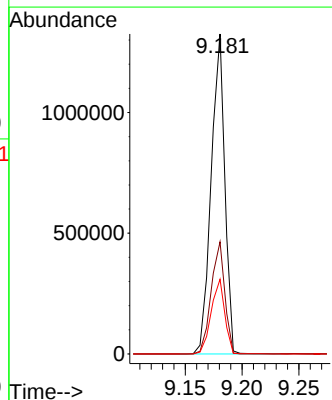
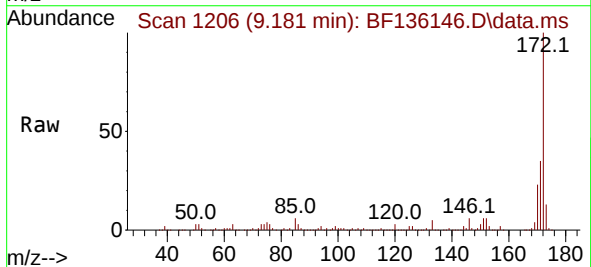
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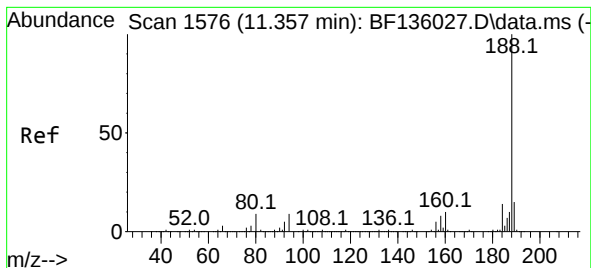
Tgt Ion: 330 Resp: 263007
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 30.6 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 93.792 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF136146.D
Acq: 04 Nov 2023 14:27

Tgt Ion: 172 Resp: 1103643
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 23.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

Instrument :

BNA_F

ClientSampleId :

SP-303-20231102

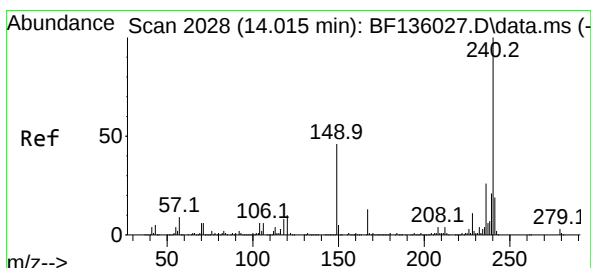
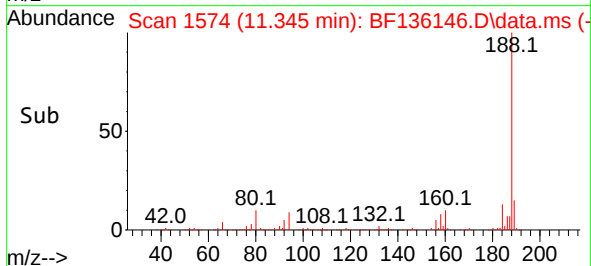
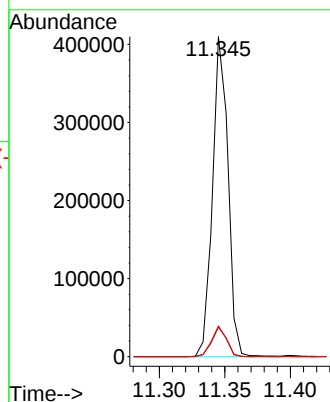
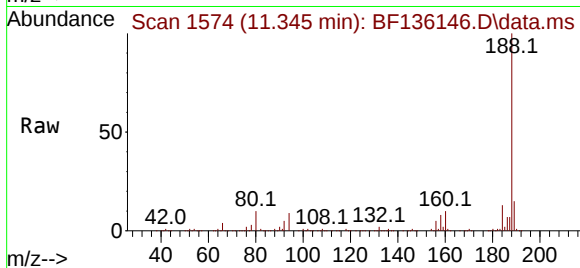
Tgt Ion:188 Resp: 337216

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.6 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

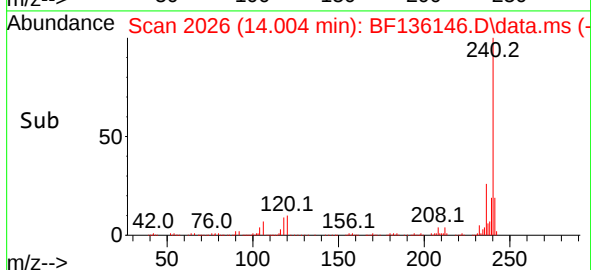
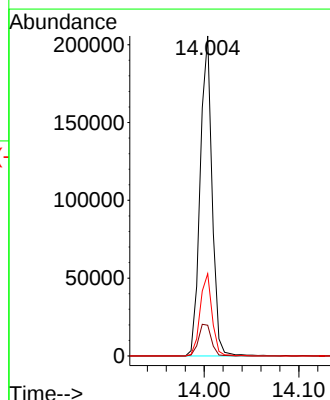
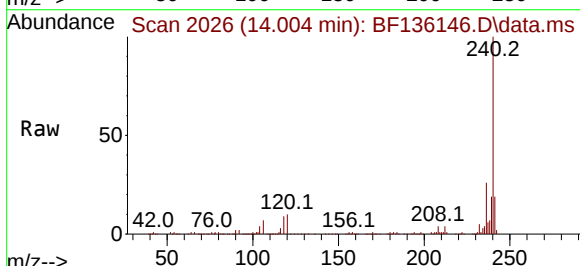
Tgt Ion:240 Resp: 180327

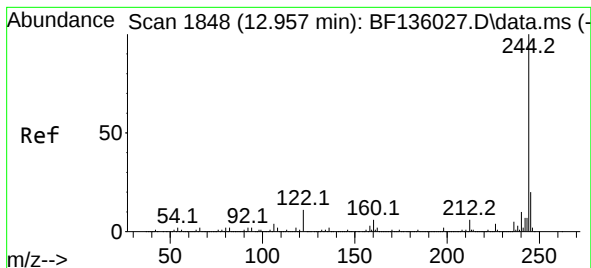
Ion Ratio Lower Upper

240 100

120 9.6 7.6 11.4

236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 86.265 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

Instrument :

BNA_F

ClientSampleId :

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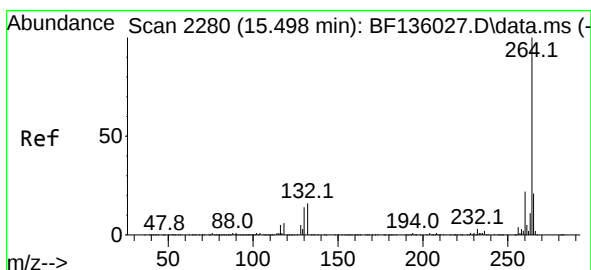
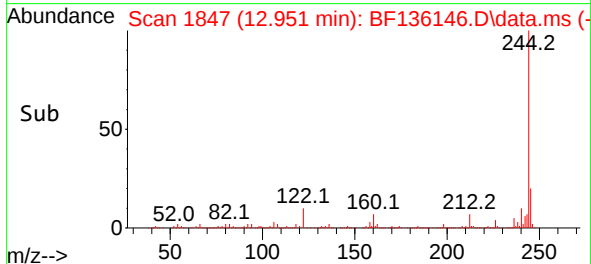
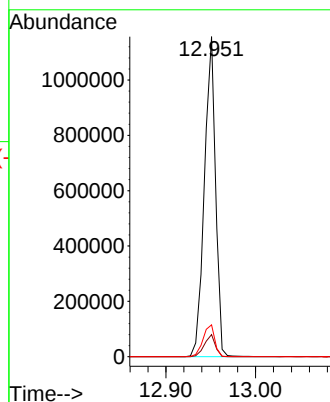
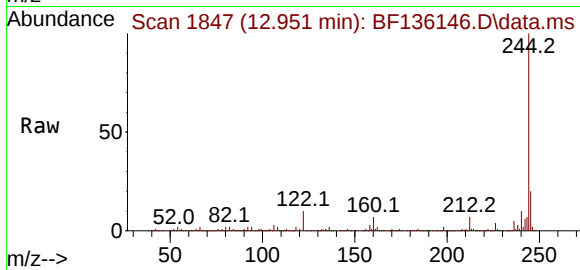
Tgt Ion:244 Resp: 1001009

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 9.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF136146.D

Acq: 04 Nov 2023 14:27

Tgt Ion:264 Resp: 239584

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 20.8 16.8 25.2

