

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
 Data File : BF134809.D
 Acq On : 16 Aug 2023 15:21
 Operator : CG\JU
 Sample : 04020-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2

Quant Time: Aug 17 01:33:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154527	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	594852	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	260858	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	388826	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	271037	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	202302	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	774275	76.166	ng	0.00
7) Phenol-d6	6.434	99	953235	73.355	ng	0.00
23) Nitrobenzene-d5	7.363	82	565375	59.396	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	192272	72.304	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1033647	65.884	ng	0.00
79) Terphenyl-d14	12.921	244	966516	62.864	ng	0.00

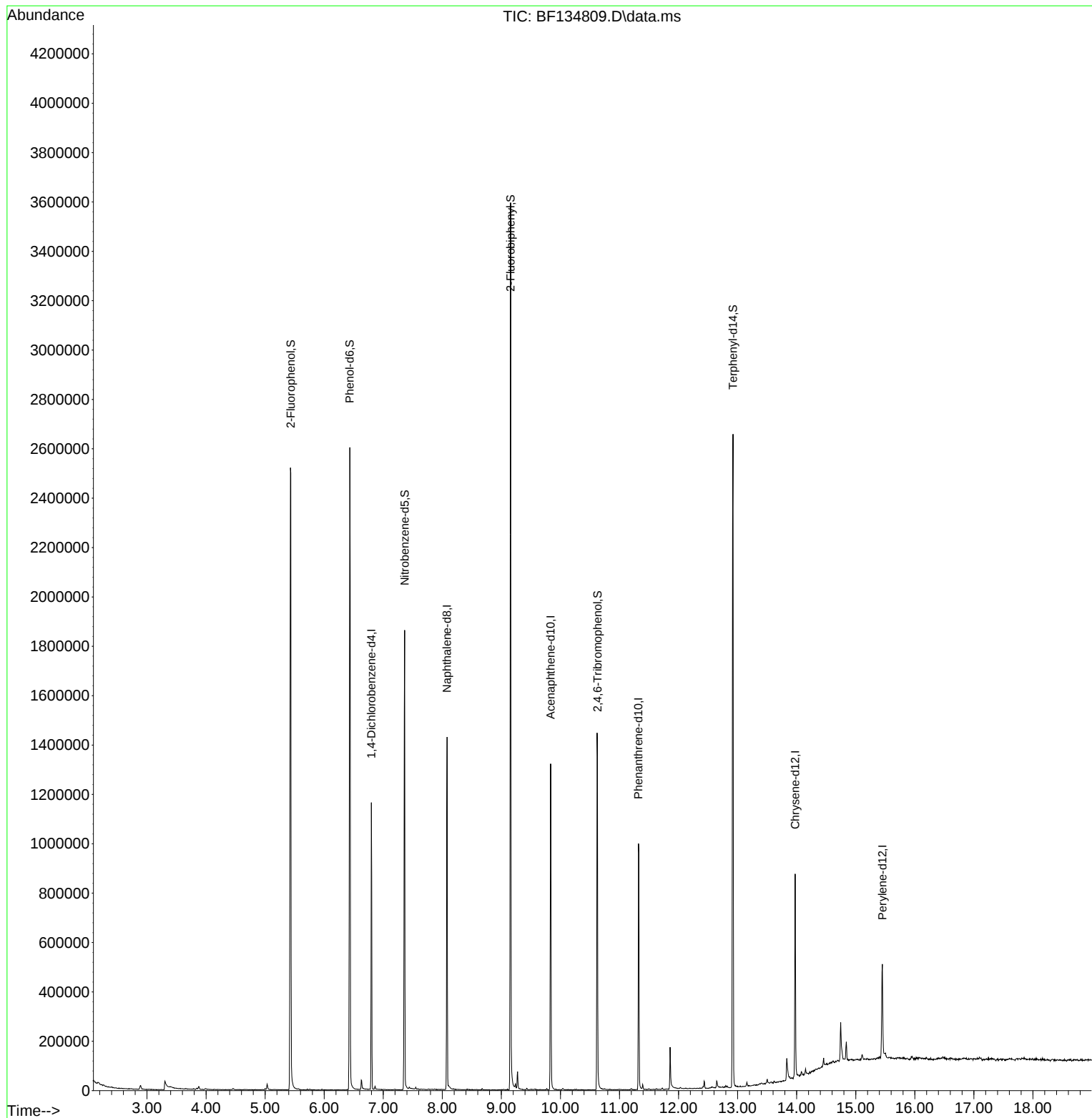
Target Compounds	Qvalue

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

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Sample : 04020-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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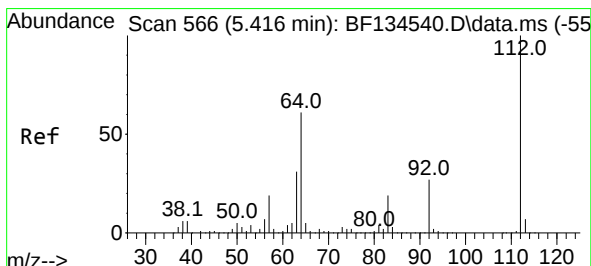
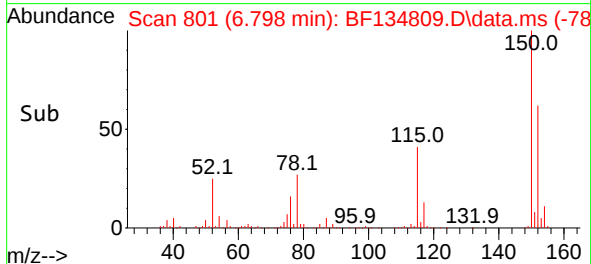
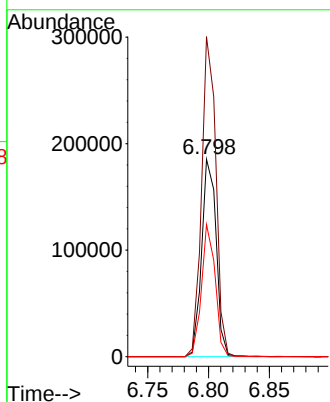
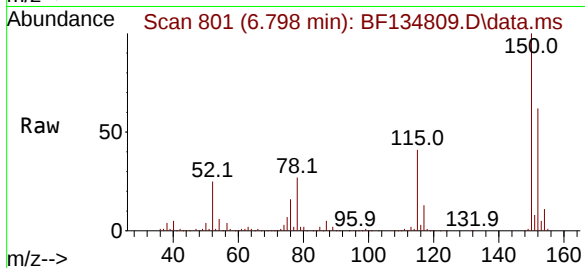




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

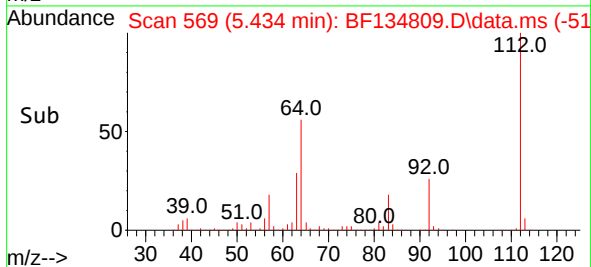
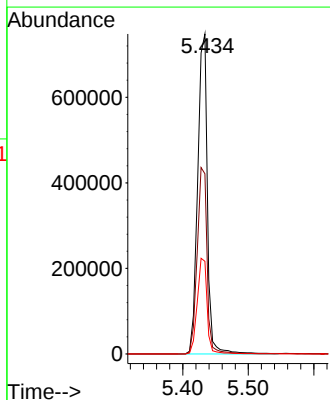
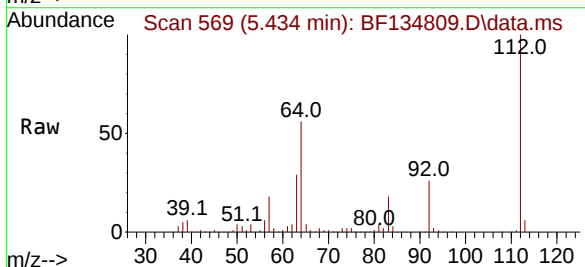
Instrument :
BNA_F
ClientSampleId :
E-2

Tgt Ion:152 Resp: 154527
Ion Ratio Lower Upper
152 100
150 162.0 128.3 192.5
115 66.9 52.4 78.6



#5
2-Fluorophenol
Concen: 76.166 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion:112 Resp: 774275
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 28.9 25.4 38.0

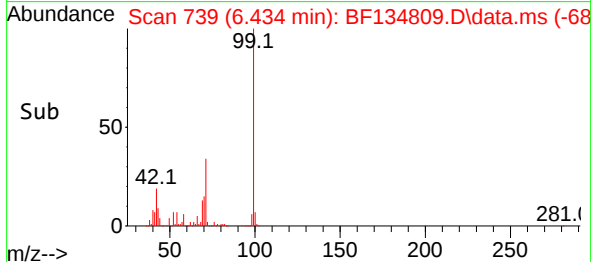
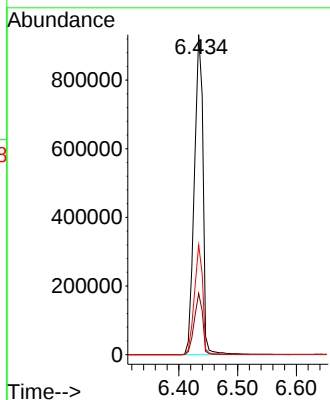
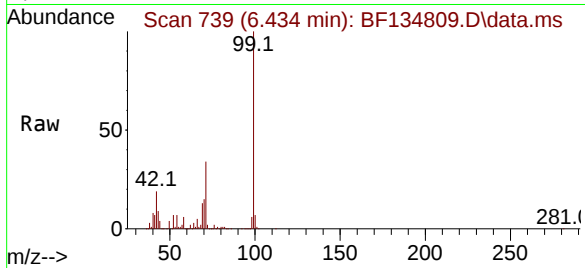




#7
Phenol-d6
Concen: 73.355 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

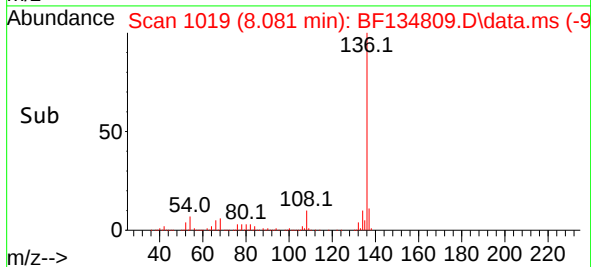
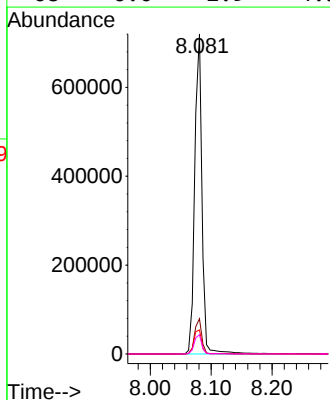
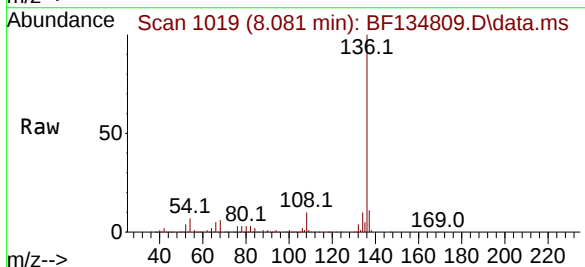
Instrument :
BNA_F
ClientSampleId :
E-2

Tgt Ion: 99 Resp: 953235
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 34.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134809.D
Acq: 16 Aug 2023 15:21

Tgt Ion: 136 Resp: 594852
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 5.2 7.8
68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 59.396 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

Instrument :

BNA_F

ClientSampleId :

E-2

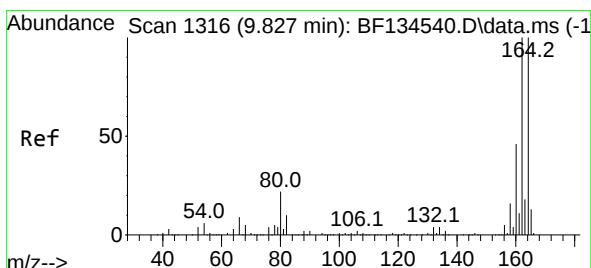
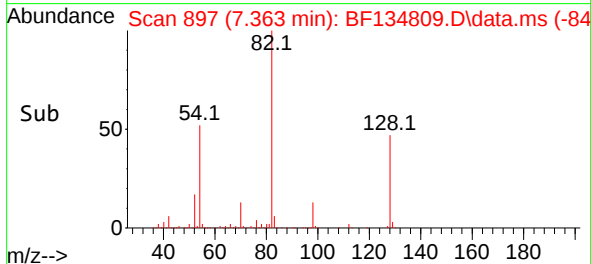
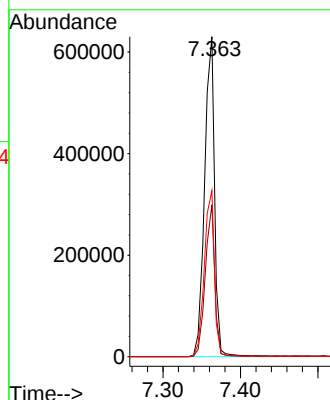
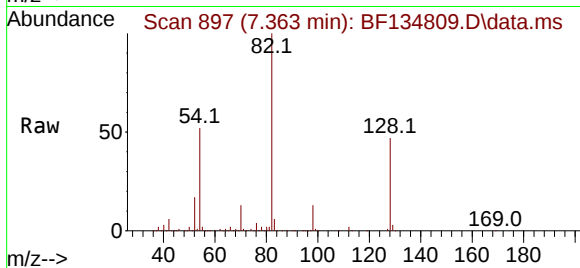
Tgt Ion: 82 Resp: 565375

Ion Ratio Lower Upper

82 100

128 47.5 34.3 51.5

54 51.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

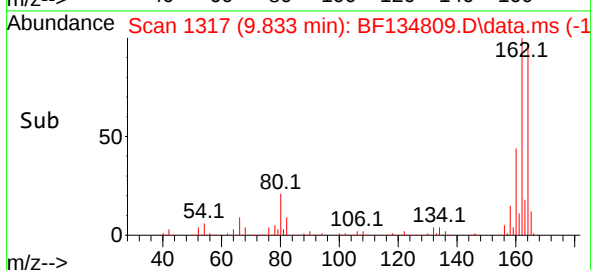
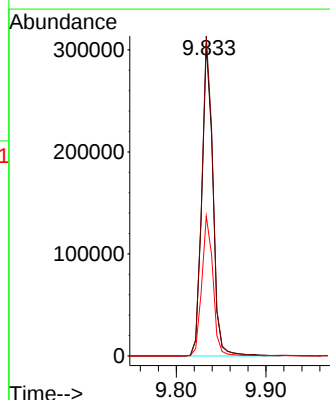
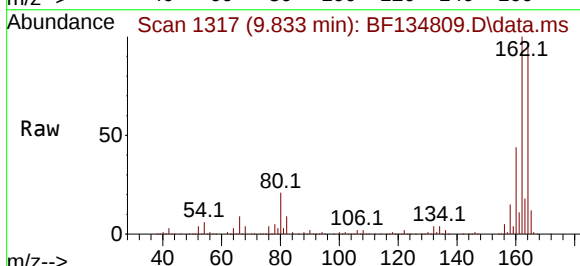
Tgt Ion:164 Resp: 260858

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 44.9 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 72.304 ng

RT: 10.628 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

Instrument :

BNA_F

ClientSampleId :

E-2

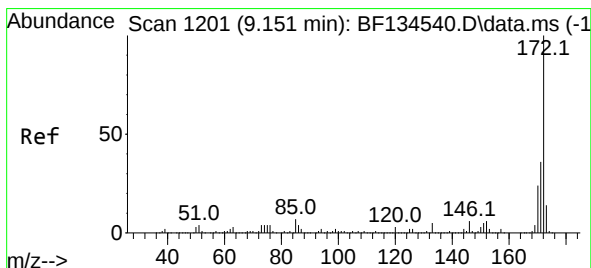
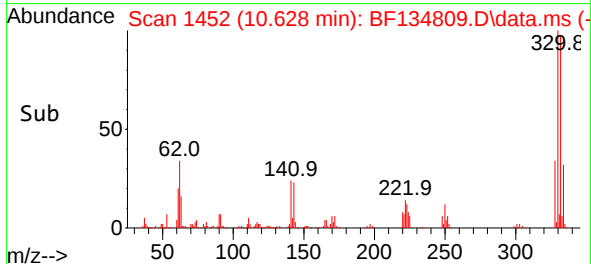
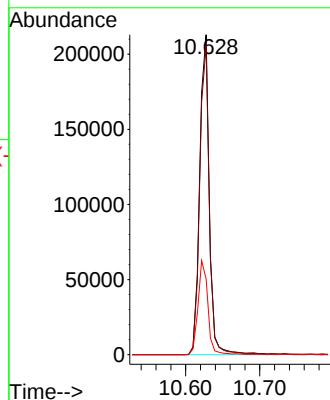
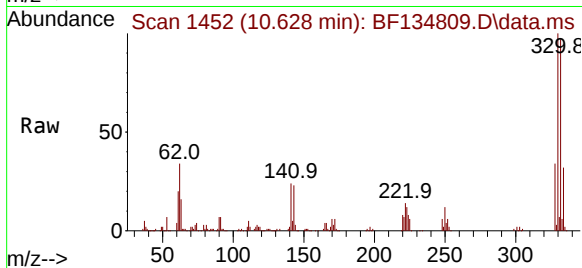
Tgt Ion:330 Resp: 192272

Ion Ratio Lower Upper

330 100

332 95.7 78.8 118.2

141 29.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 65.884 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

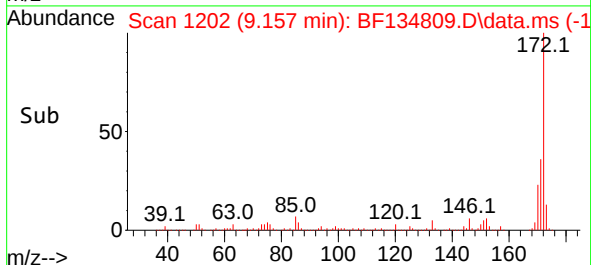
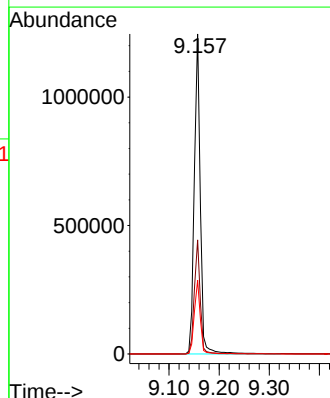
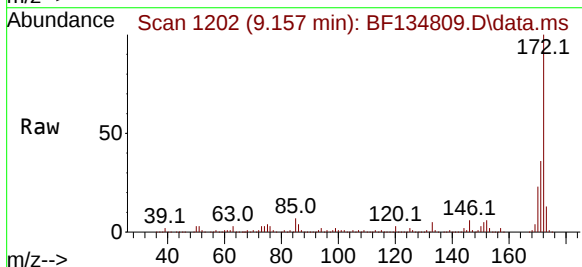
Tgt Ion:172 Resp: 1033647

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

Instrument :

BNA_F

ClientSampleId :

E-2

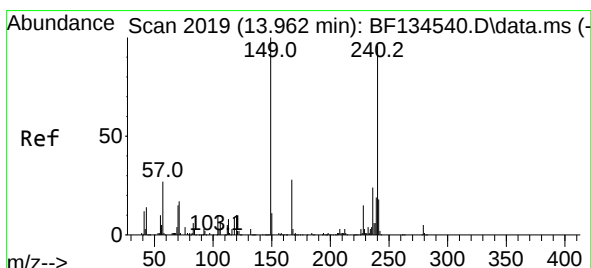
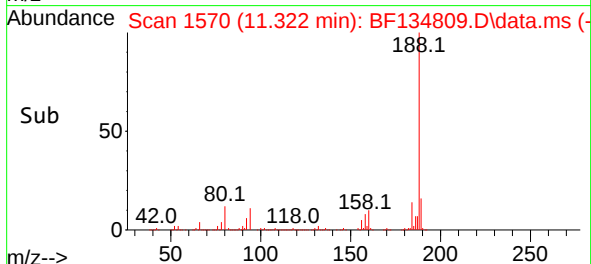
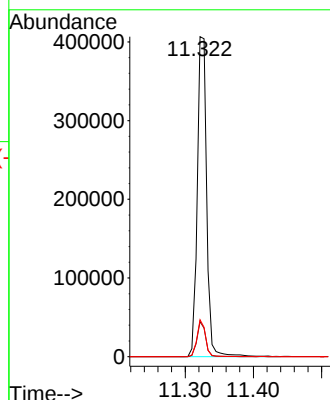
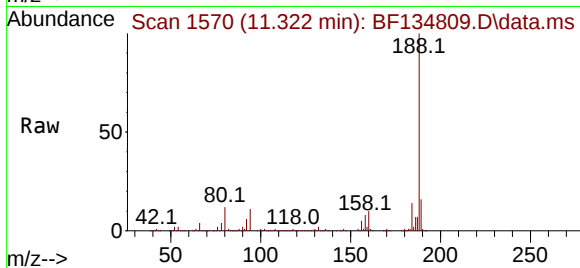
Tgt Ion:188 Resp: 388826

Ion Ratio Lower Upper

188 100

94 10.9 5.1 7.7#

80 11.6 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF134809.D

Acq: 16 Aug 2023 15:21

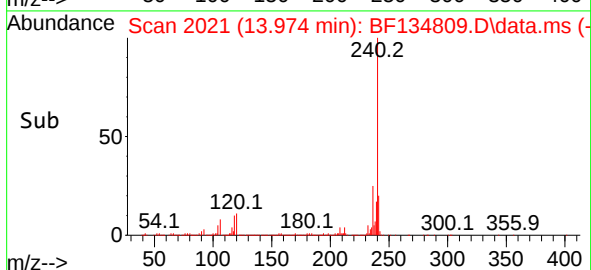
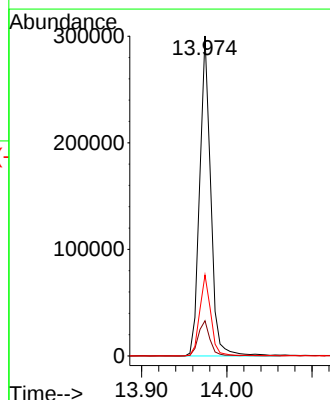
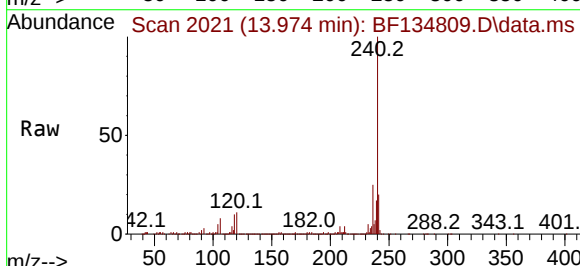
Tgt Ion:240 Resp: 271037

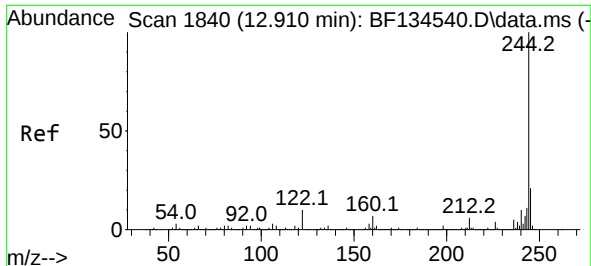
Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

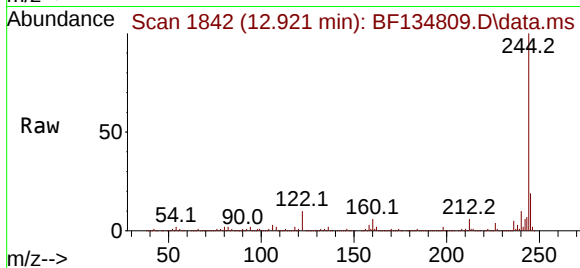
236 25.3 20.2 30.2



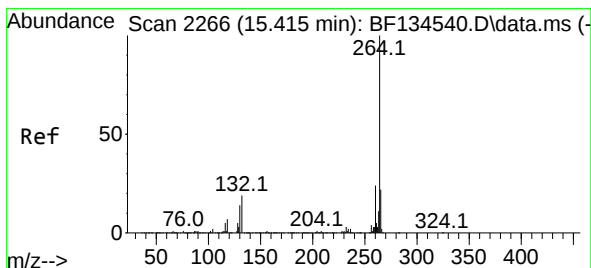
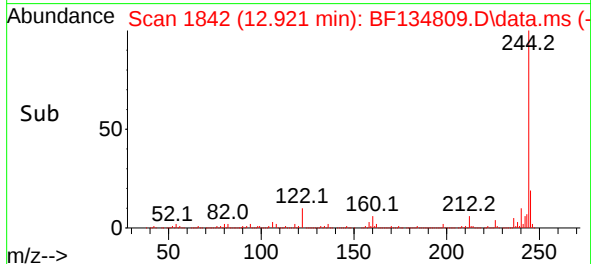
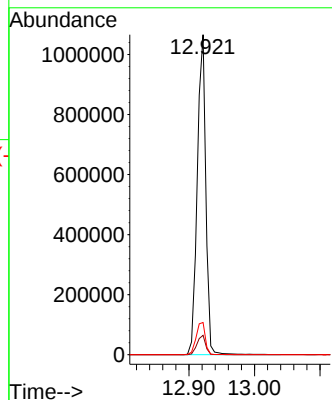


#79
 Terphenyl-d14
 Concen: 62.864 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134809.D
 Acq: 16 Aug 2023 15:21

Instrument :
 BNA_F
 ClientSampleId :
 E-2



Tgt Ion:244 Resp: 966516
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF134809.D
 Acq: 16 Aug 2023 15:21

Tgt Ion:264 Resp: 202302
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.6 15.8 23.8

