

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136572.D
 Acq On : 14 Dec 2023 17:13
 Operator : CG\JU
 Sample : 05569-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Dec 15 00:34:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

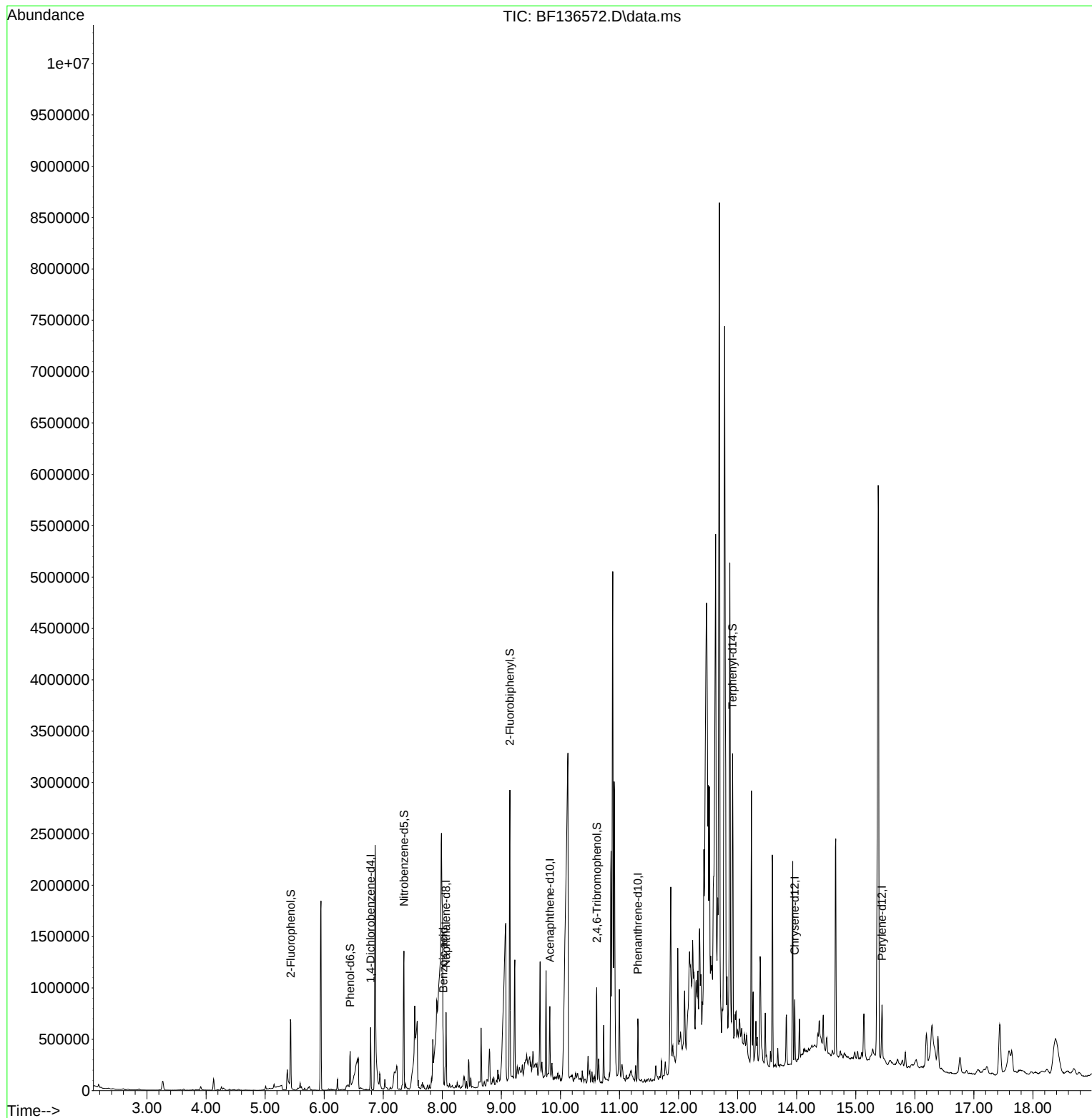
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	81500	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	285064	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121620	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	218683	20.000	ng	0.00
76) Chrysene-d12	13.968	240	198905	20.000	ng	0.00
86) Perylene-d12	15.445	264	234315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	186687	33.829	ng	0.01
7) Phenol-d6	6.439	99	126054	18.308	ng	0.00
23) Nitrobenzene-d5	7.351	82	444721	84.338	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	116206	77.492	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	809184	90.785	ng	0.00
79) Terphenyl-d14	12.915	244	945092	62.627	ng	0.00
Target Compounds						
32) Benzoic acid	8.016	122	165904	52.009	ng	Qvalue # 76

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Dec 15 00:34:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

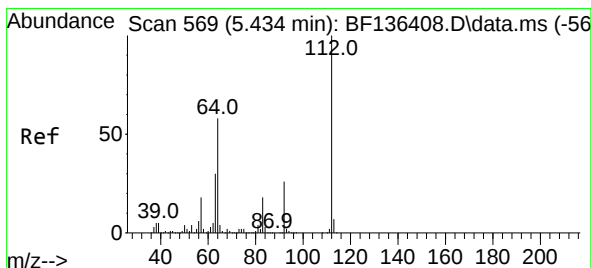
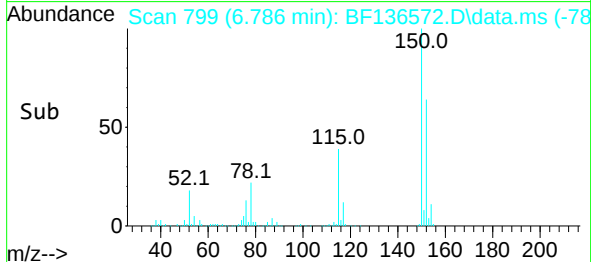
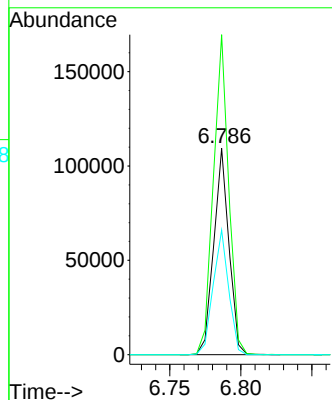
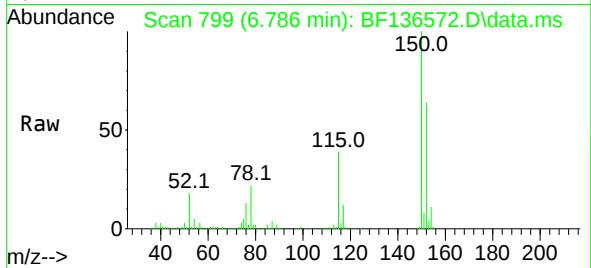




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

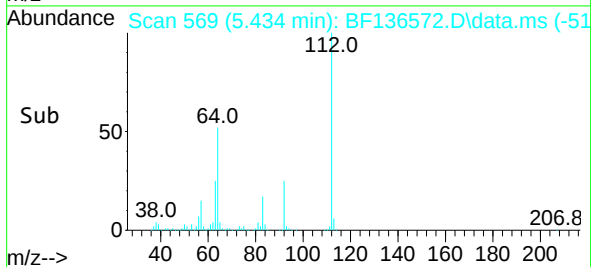
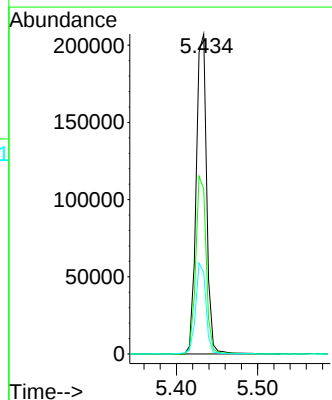
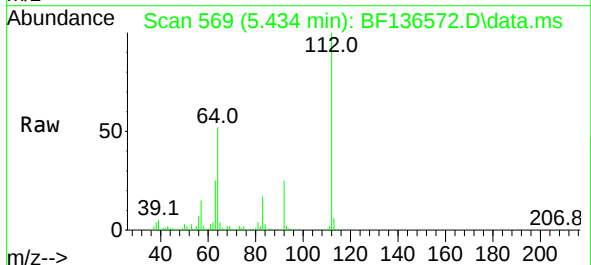
Instrument :
BNA_F
ClientSampleId :
EFF-WW

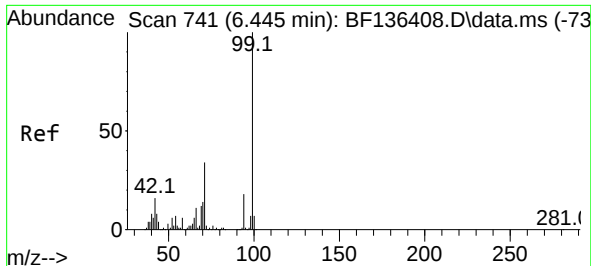
Tgt Ion:152 Resp: 81500
Ion Ratio Lower Upper
152 100
150 155.1 126.4 189.6
115 60.4 48.2 72.4



#5
2-Fluorophenol
Concen: 33.829 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

Tgt Ion:112 Resp: 186687
Ion Ratio Lower Upper
112 100
64 51.6 46.5 69.7
63 25.5 23.9 35.9

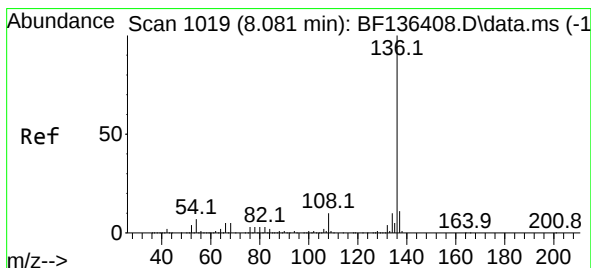
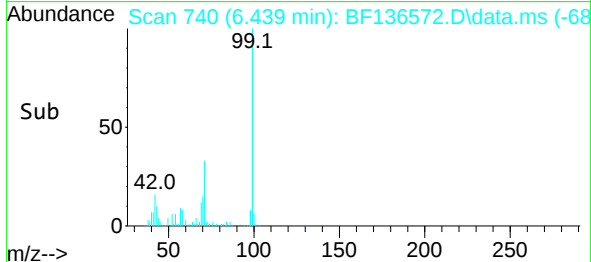
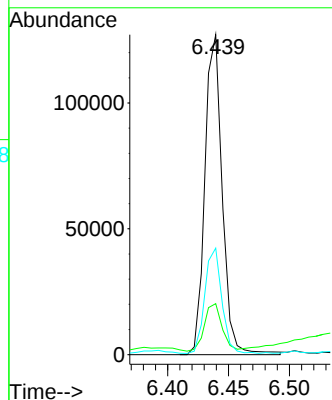
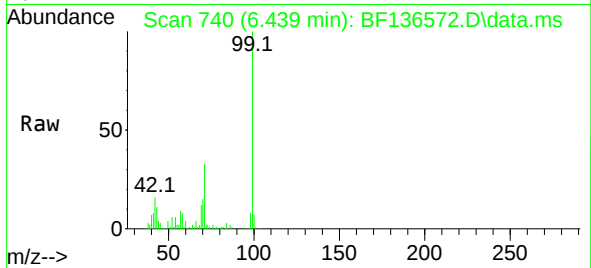




#7
Phenol-d6
Concen: 18.308 ng
RT: 6.439 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

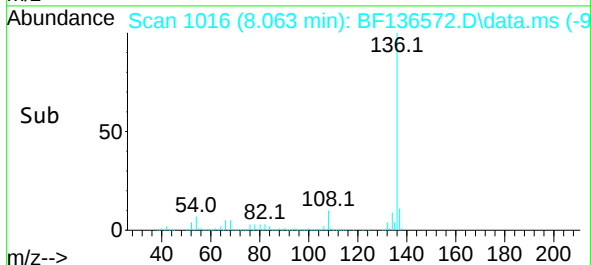
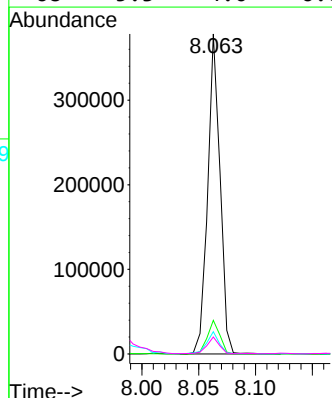
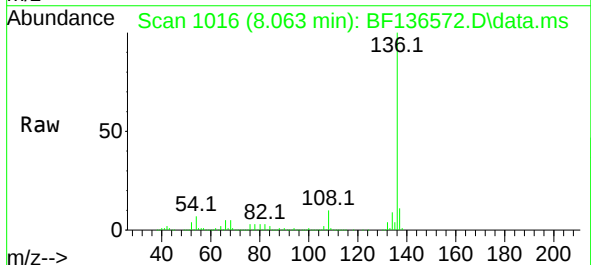
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 99 Resp: 126054
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 33.3 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136572.D
Acq: 14 Dec 2023 17:13

Tgt Ion: 136 Resp: 285064
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.9 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 84.338 ng

RT: 7.351 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

EFF-WW

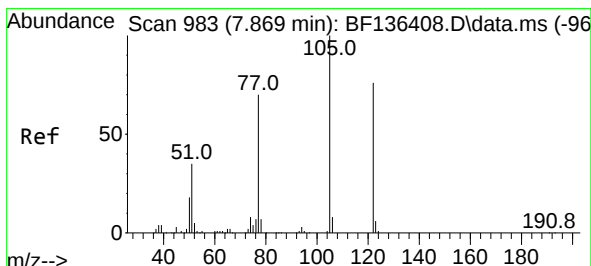
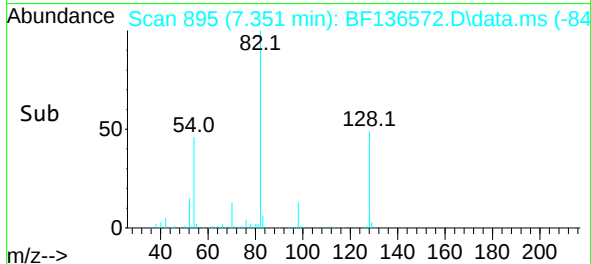
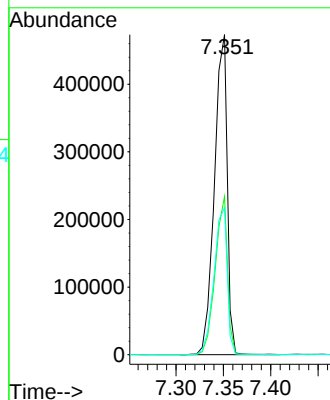
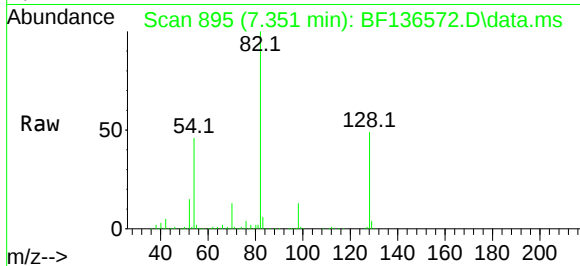
Tgt Ion: 82 Resp: 444721

Ion Ratio Lower Upper

82 100

128 49.4 36.3 54.5

54 45.8 39.0 58.6



#32

Benzoic acid

Concen: 52.009 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.159 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

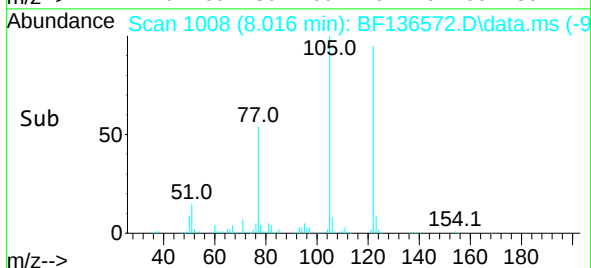
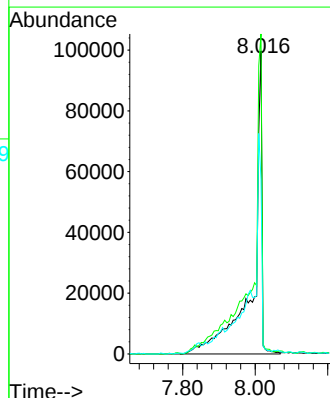
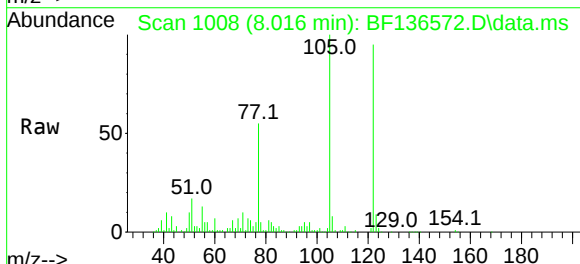
Tgt Ion:122 Resp: 165904

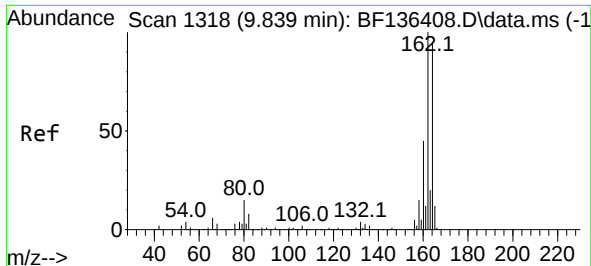
Ion Ratio Lower Upper

122 100

105 105.6 104.7 144.7

77 57.6 68.5 108.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

EFF-WW

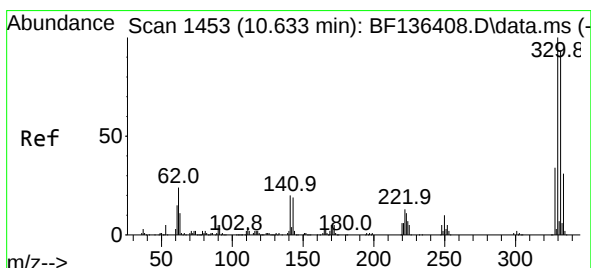
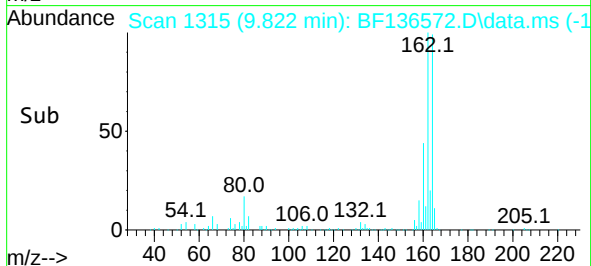
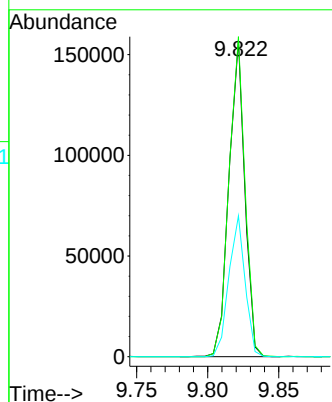
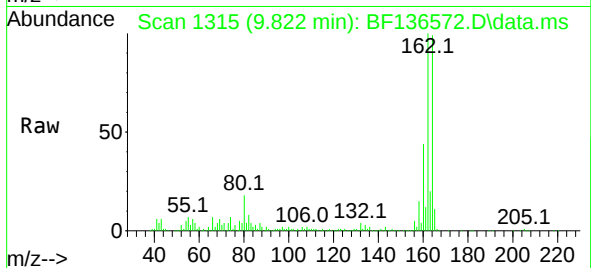
Tgt Ion:164 Resp: 121620

Ion Ratio Lower Upper

164 100

162 101.2 84.4 126.6

160 44.5 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 77.492 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

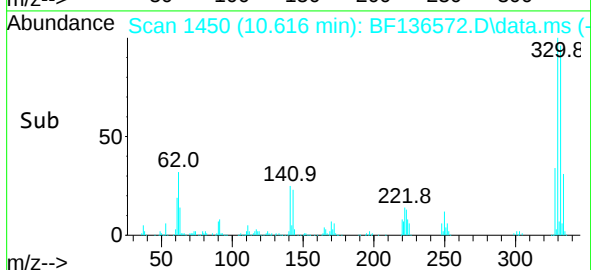
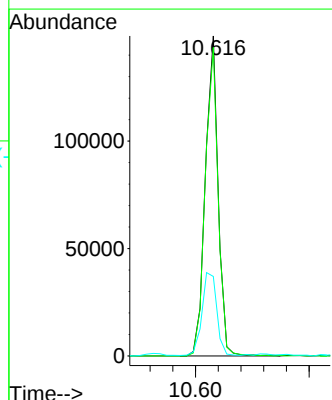
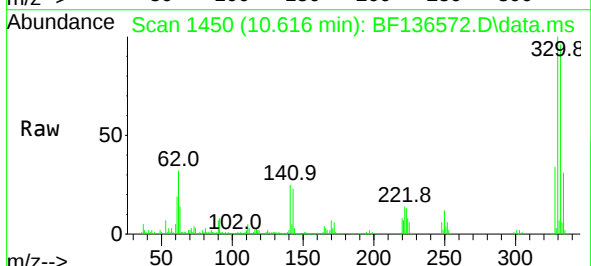
Tgt Ion:330 Resp: 116206

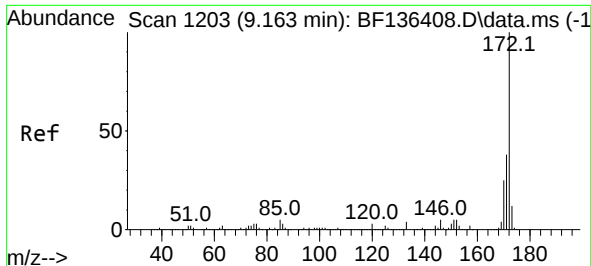
Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

141 30.1 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 90.785 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

EFF-WW

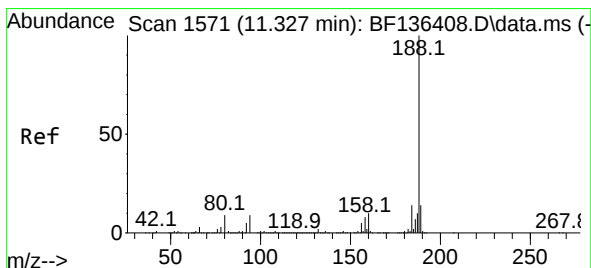
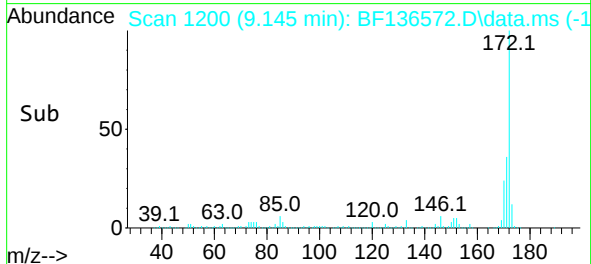
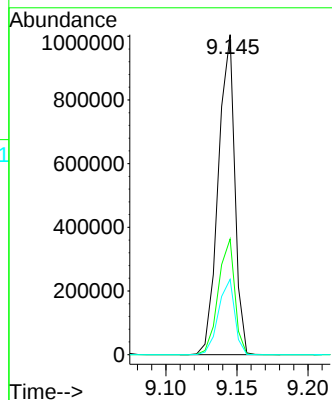
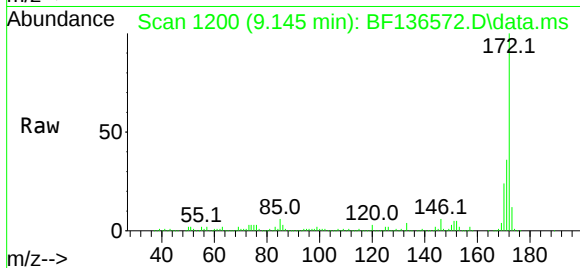
Tgt Ion:172 Resp: 809184

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

170 23.6 19.9 29.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

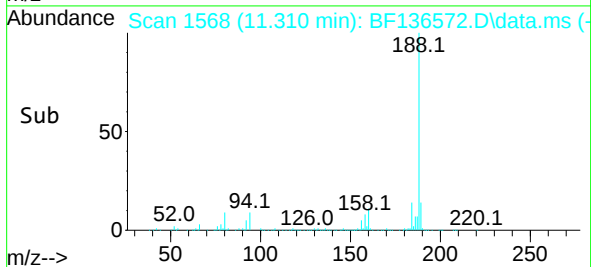
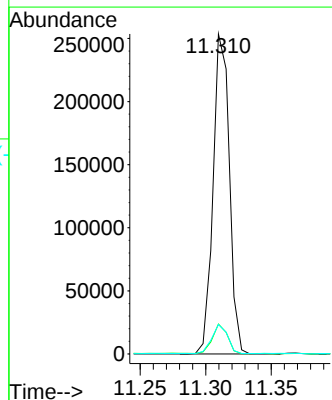
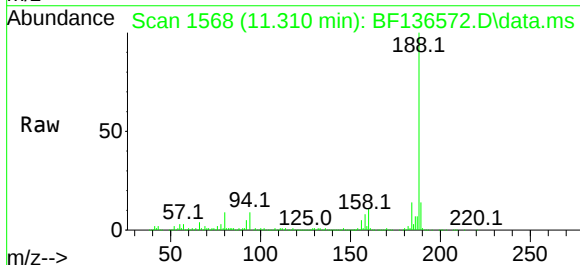
Tgt Ion:188 Resp: 218683

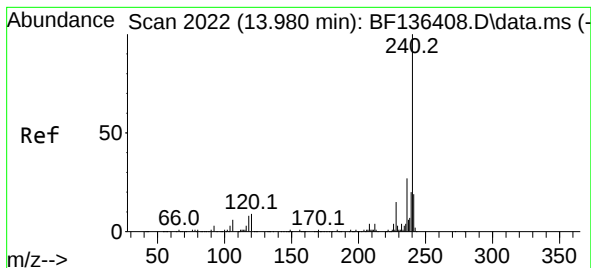
Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.2 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

EFF-WW

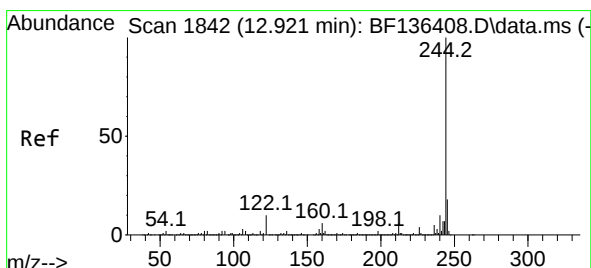
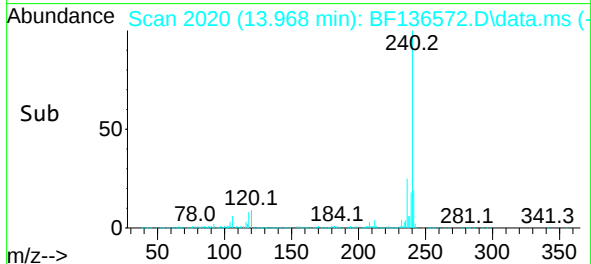
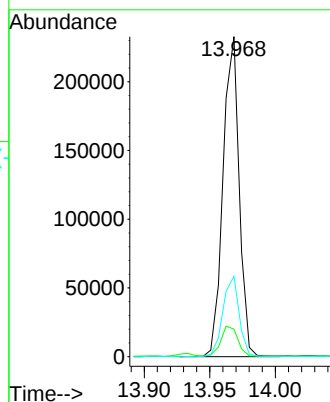
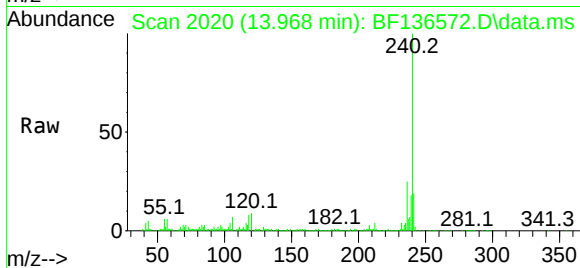
Tgt Ion:240 Resp: 198905

Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 25.1 21.3 31.9



#79

Terphenyl-d14

Concen: 62.627 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF136572.D

Acq: 14 Dec 2023 17:13

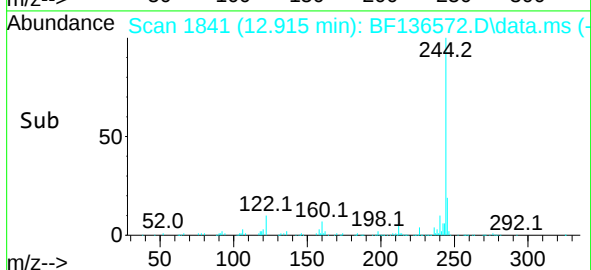
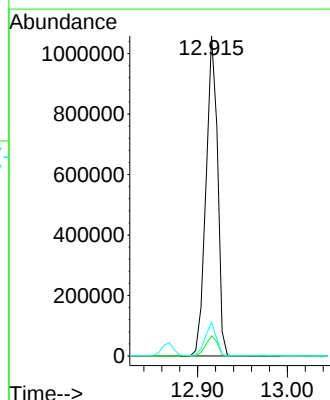
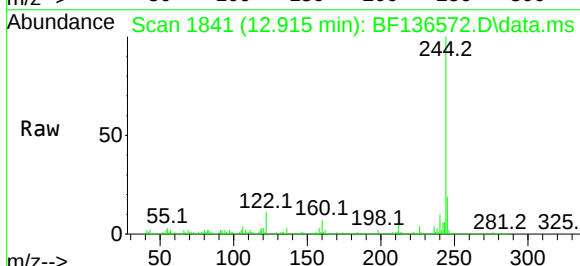
Tgt Ion:244 Resp: 945092

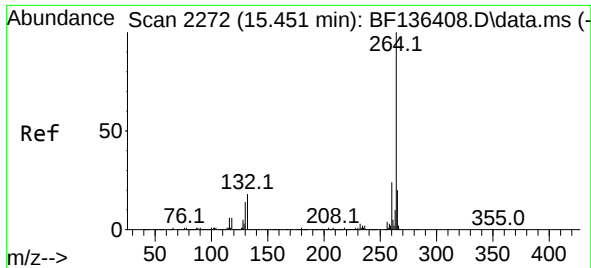
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136572.D
 Acq: 14 Dec 2023 17:13

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:264 Resp: 234315
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 15.9 23.9

