

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103123\
 Data File : BF136047.D
 Acq On : 31 Oct 2023 13:01
 Operator : CG\JU
 Sample : 05027-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 214

Quant Time: Oct 31 13:25:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	157829	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	613824	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	309131	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	526236	20.000	ng	0.00
76) Chrysene-d12	14.010	240	303981	20.000	ng	0.00
86) Perylene-d12	15.504	264	349302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	706931	70.385	ng	0.00
7) Phenol-d6	6.451	99	867460	69.319	ng	0.00
23) Nitrobenzene-d5	7.381	82	524298	51.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	234876	71.183	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1049847	54.138	ng	0.00
79) Terphenyl-d14	12.951	244	947802	48.454	ng	0.00

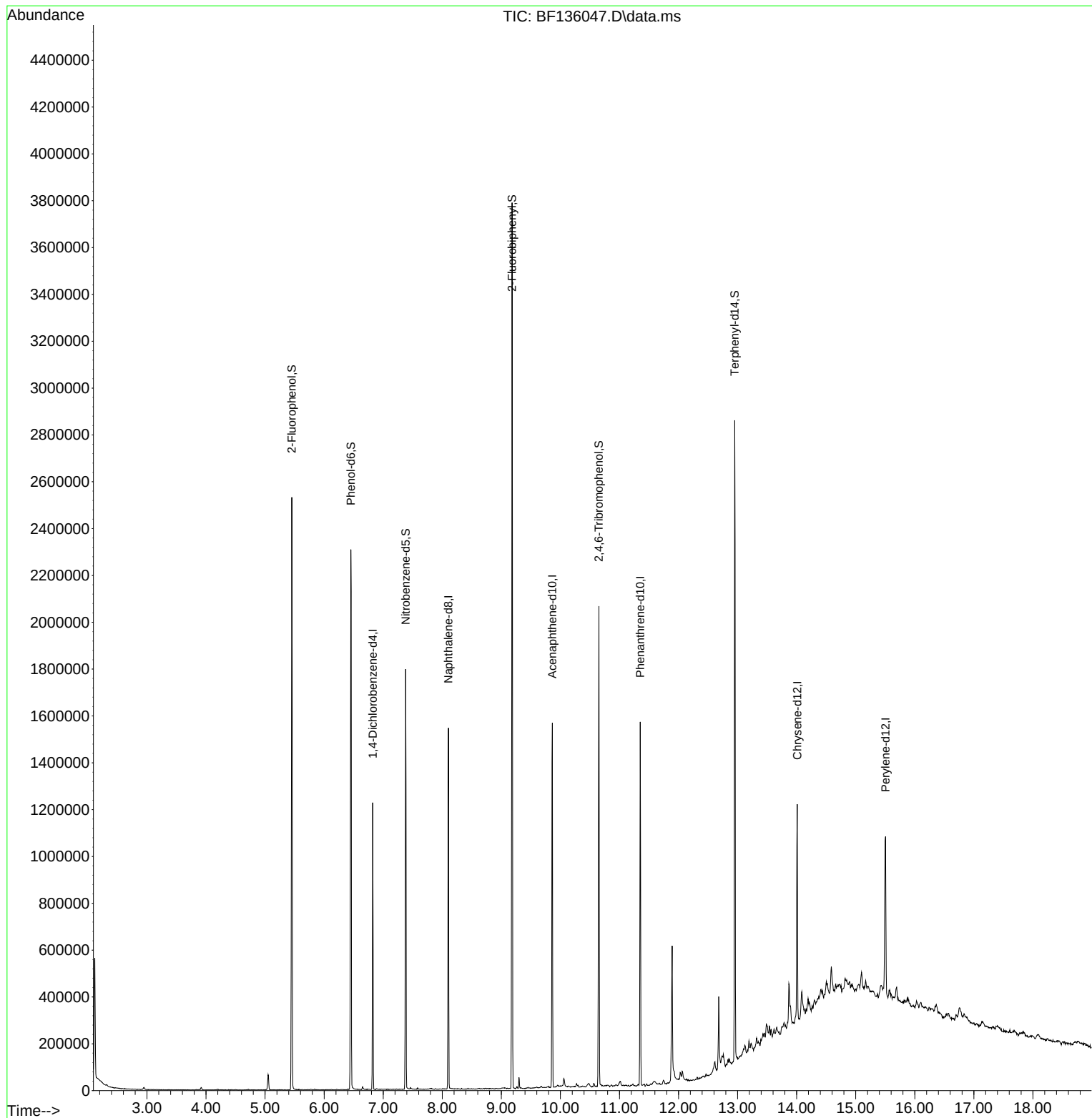
Target Compounds	Qvalue

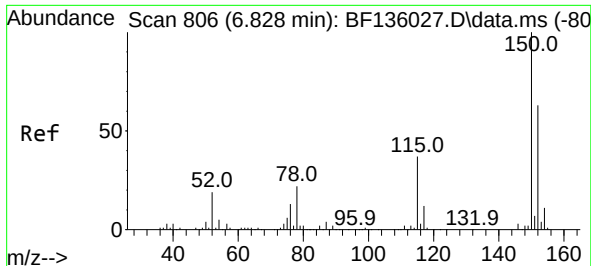
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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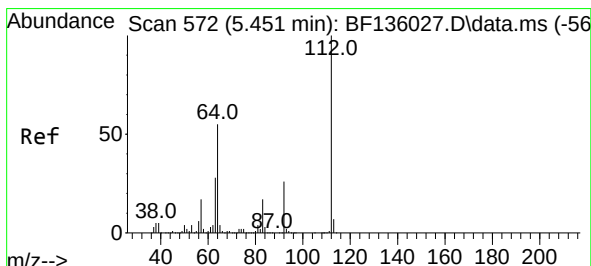
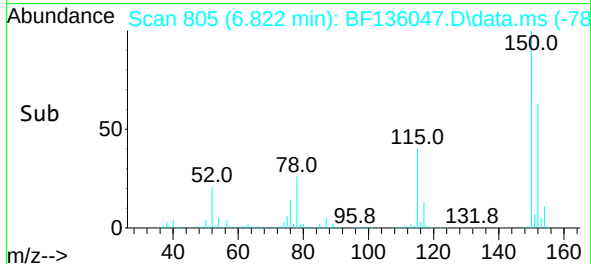
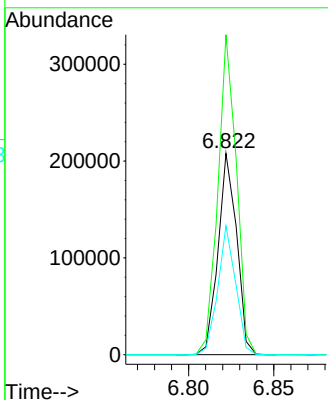
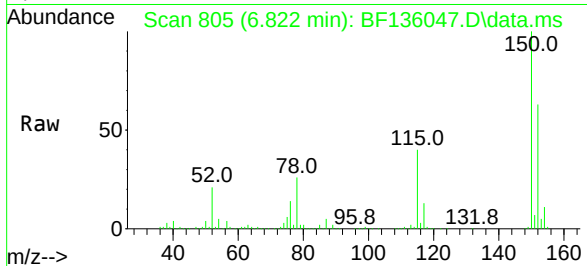




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136047.D
Acq: 31 Oct 2023 13:01

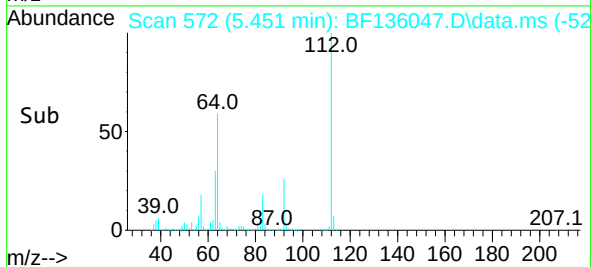
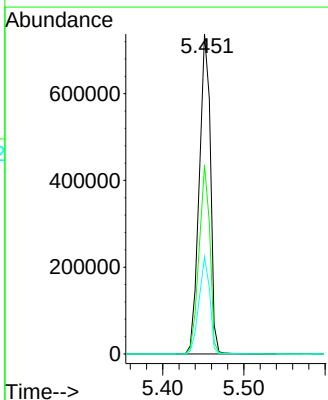
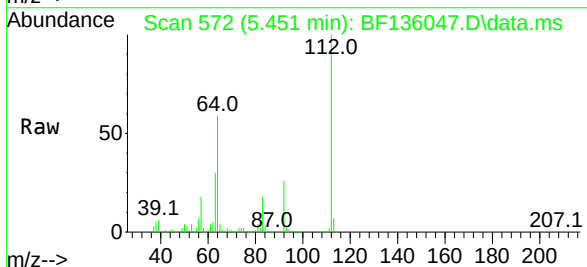
Instrument :
BNA_F
ClientSampleId :
214

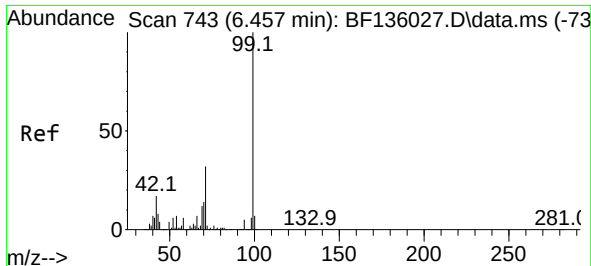
Tgt Ion:152 Resp: 157829
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 64.1 47.0 70.4



#5
2-Fluorophenol
Concen: 70.385 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136047.D
Acq: 31 Oct 2023 13:01

Tgt Ion:112 Resp: 706931
Ion Ratio Lower Upper
112 100
64 59.1 43.9 65.9
63 30.3 22.4 33.6

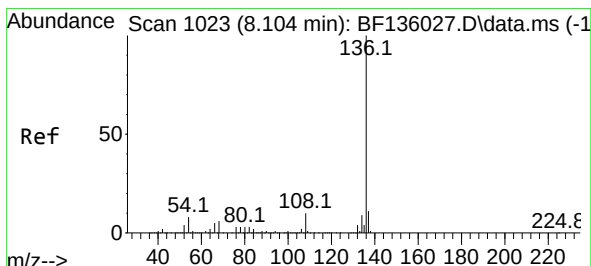
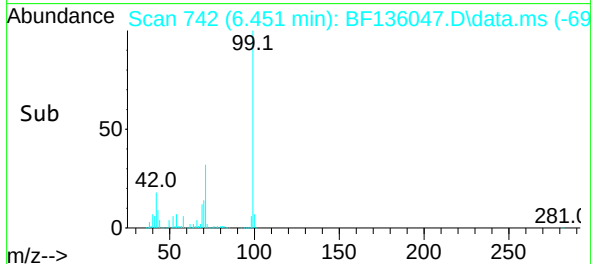
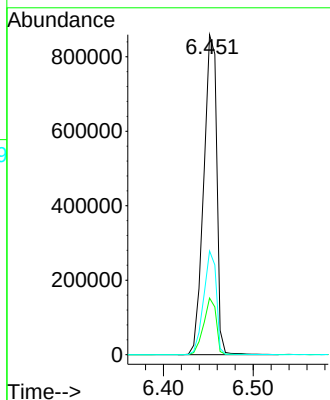
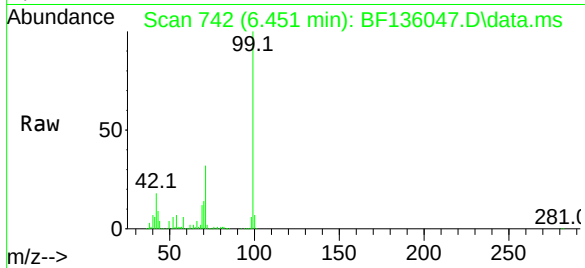




#7
Phenol-d6
Concen: 69.319 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136047.D
Acq: 31 Oct 2023 13:01

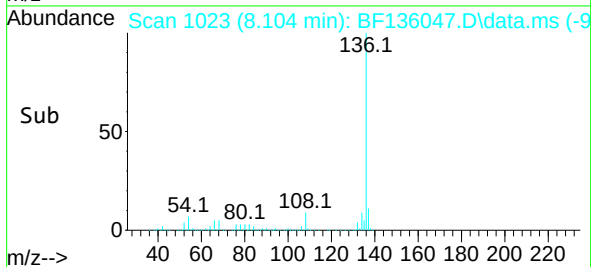
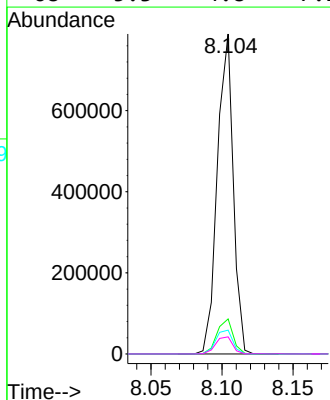
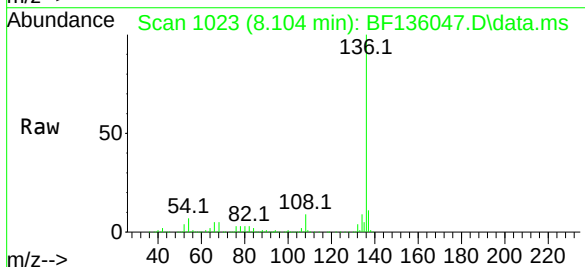
Instrument :
BNA_F
ClientSampleId :
214

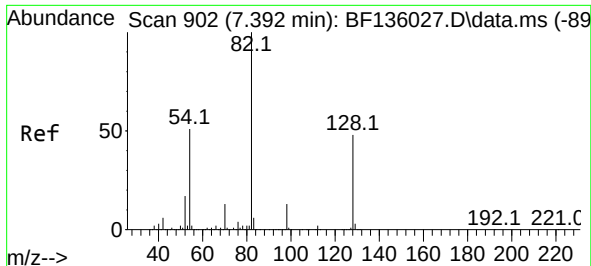
Tgt Ion: 99 Resp: 867460
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 32.4 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136047.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 136 Resp: 613824
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.5 6.6 9.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 51.490 ng

RT: 7.381 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF136047.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_F

ClientSampleId :

214

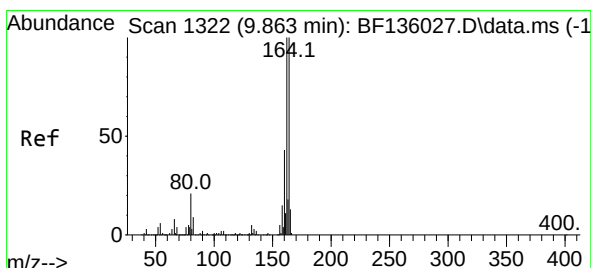
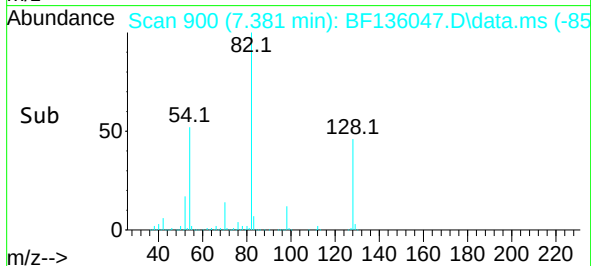
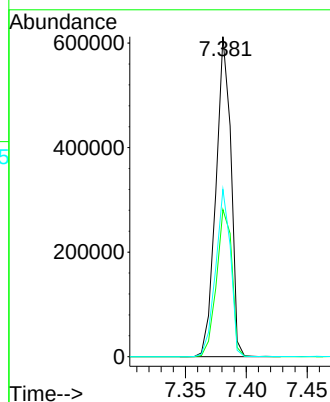
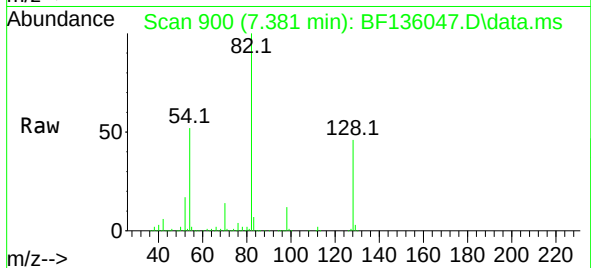
Tgt Ion: 82 Resp: 524298

Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

54 52.3 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136047.D

Acq: 31 Oct 2023 13:01

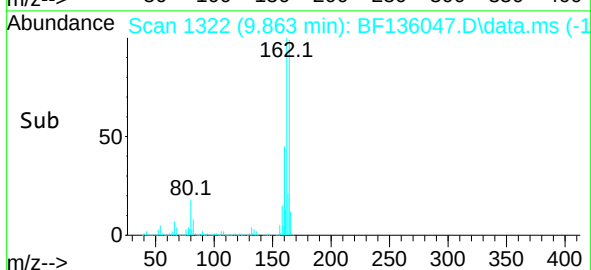
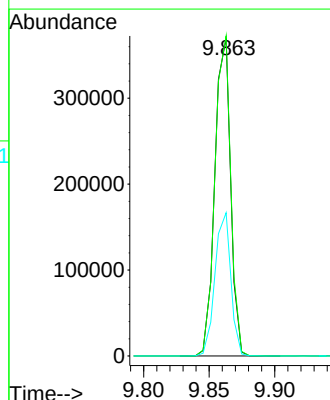
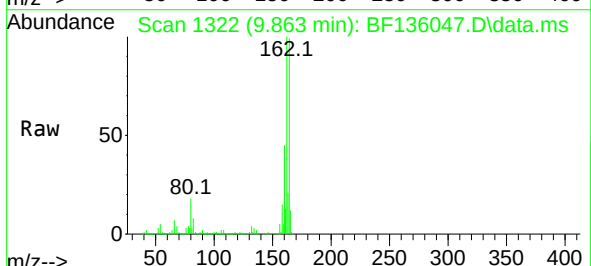
Tgt Ion: 164 Resp: 309131

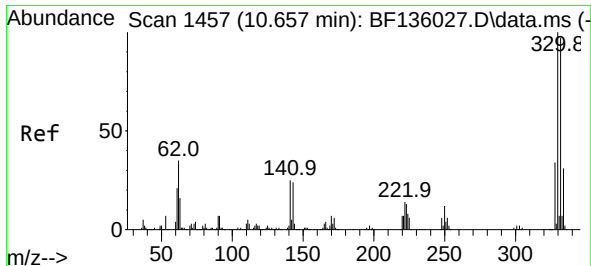
Ion Ratio Lower Upper

164 100

162 100.8 80.1 120.1

160 45.1 34.8 52.2

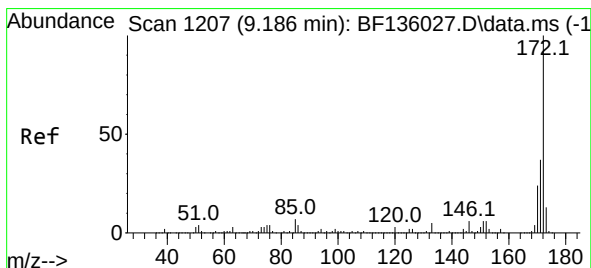
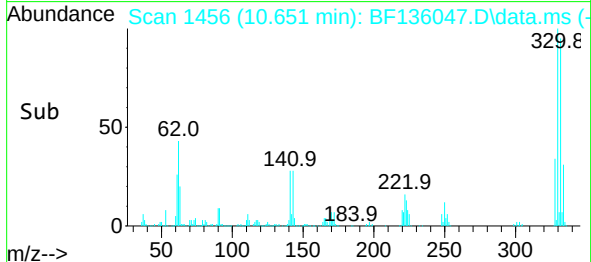
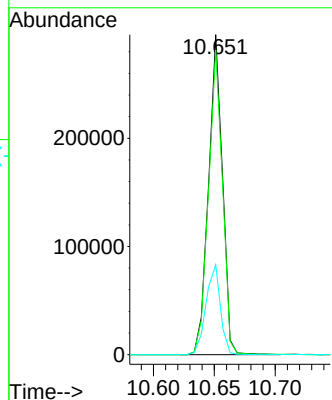
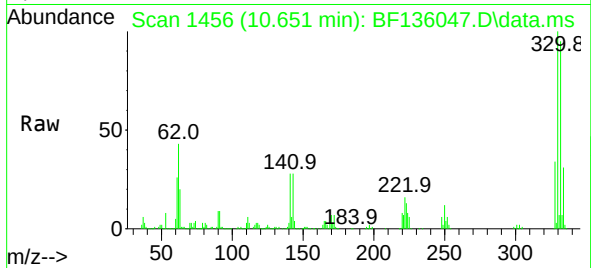




#42
2,4,6-Tribromophenol
Concen: 71.183 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136047.D
Acq: 31 Oct 2023 13:01

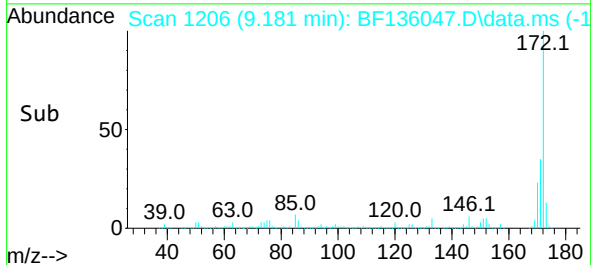
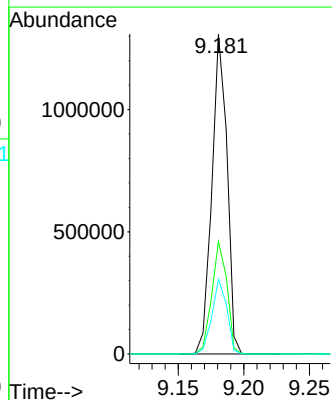
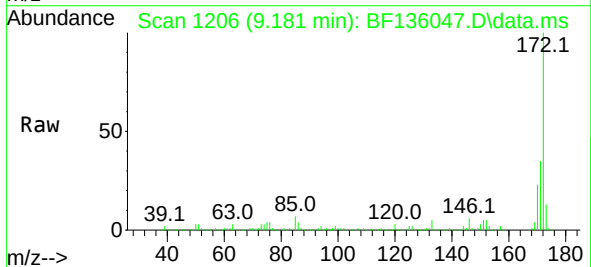
Instrument :
BNA_F
ClientSampleId :
214

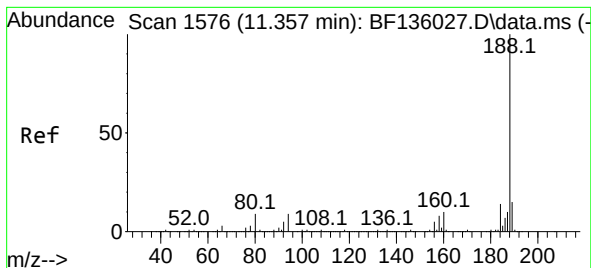
Tgt Ion: 330 Resp: 234876
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 29.1 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 54.138 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136047.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 172 Resp: 1049847
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 23.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136047.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_F

ClientSampleId :

214

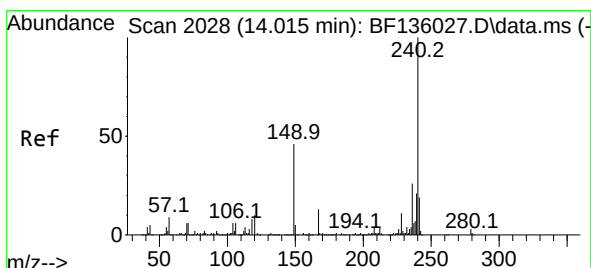
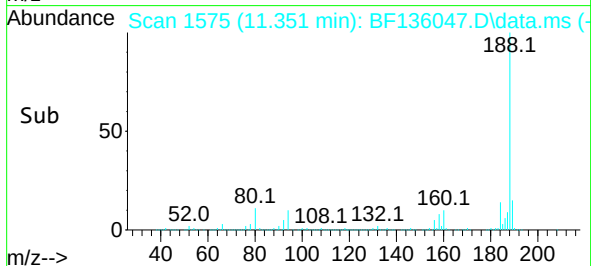
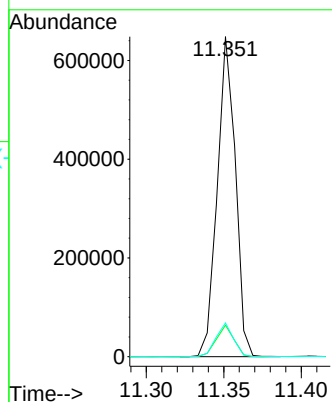
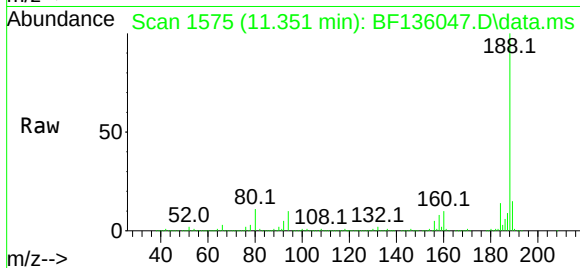
Tgt Ion:188 Resp: 526236

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

80 10.6 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136047.D

Acq: 31 Oct 2023 13:01

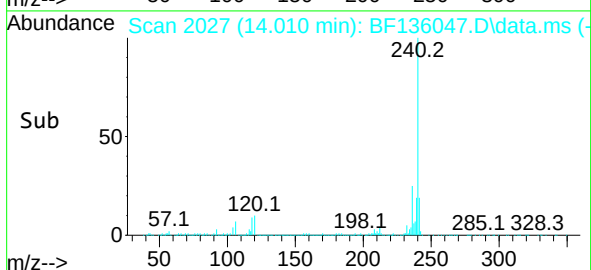
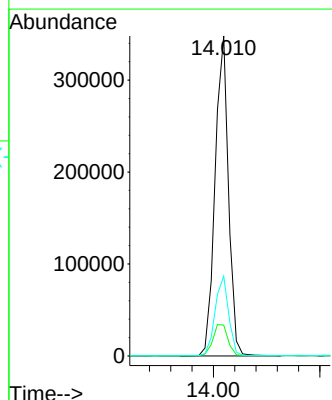
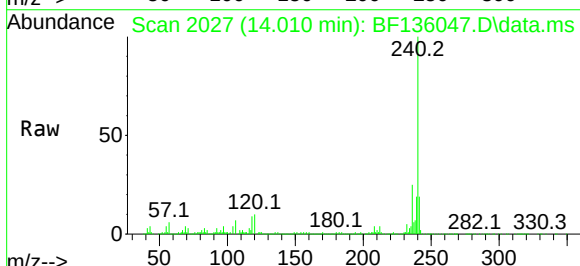
Tgt Ion:240 Resp: 303981

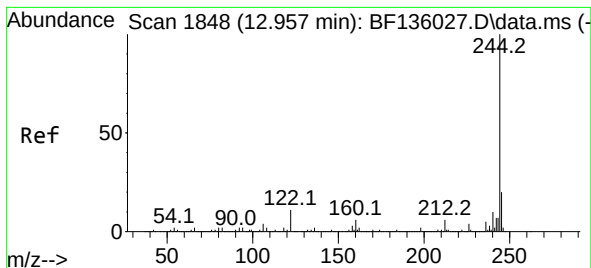
Ion Ratio Lower Upper

240 100

120 9.6 7.6 11.4

236 25.0 20.6 31.0





#79

Terphenyl-d14

Concen: 48.454 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136047.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_F

ClientSampleId :

214

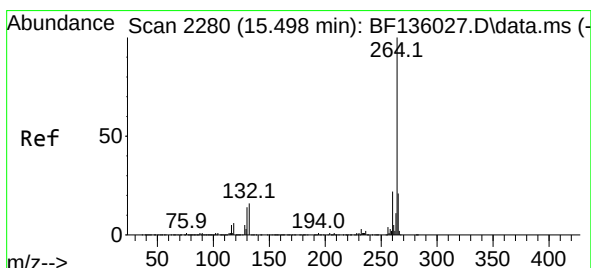
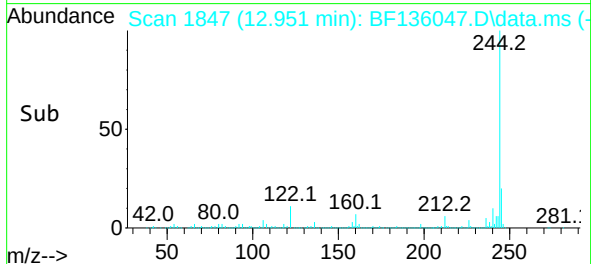
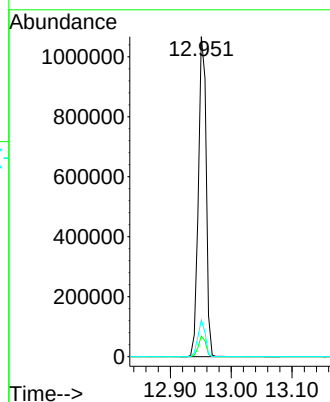
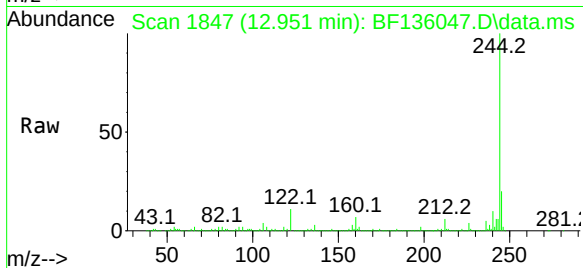
Tgt Ion:244 Resp: 947802

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF136047.D

Acq: 31 Oct 2023 13:01

Tgt Ion:264 Resp: 349302

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 21.5 16.8 25.2

