

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136564.D
 Acq On : 14 Dec 2023 12:56
 Operator : CG\JU
 Sample : PB157480TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157480TB

Quant Time: Dec 14 13:22:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	106151	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	427328	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	233510	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	458551	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	302091	20.000	ng	-0.02
86) Perylene-d12	15.439	264	243807	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	899353	125.123	ng	0.00
7) Phenol-d6	6.434	99	1099719	122.629	ng	-0.01
23) Nitrobenzene-d5	7.351	82	676371	85.566	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	367660	127.695	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1439951	84.143	ng	-0.02
79) Terphenyl-d14	12.915	244	1844335	80.470	ng	0.00

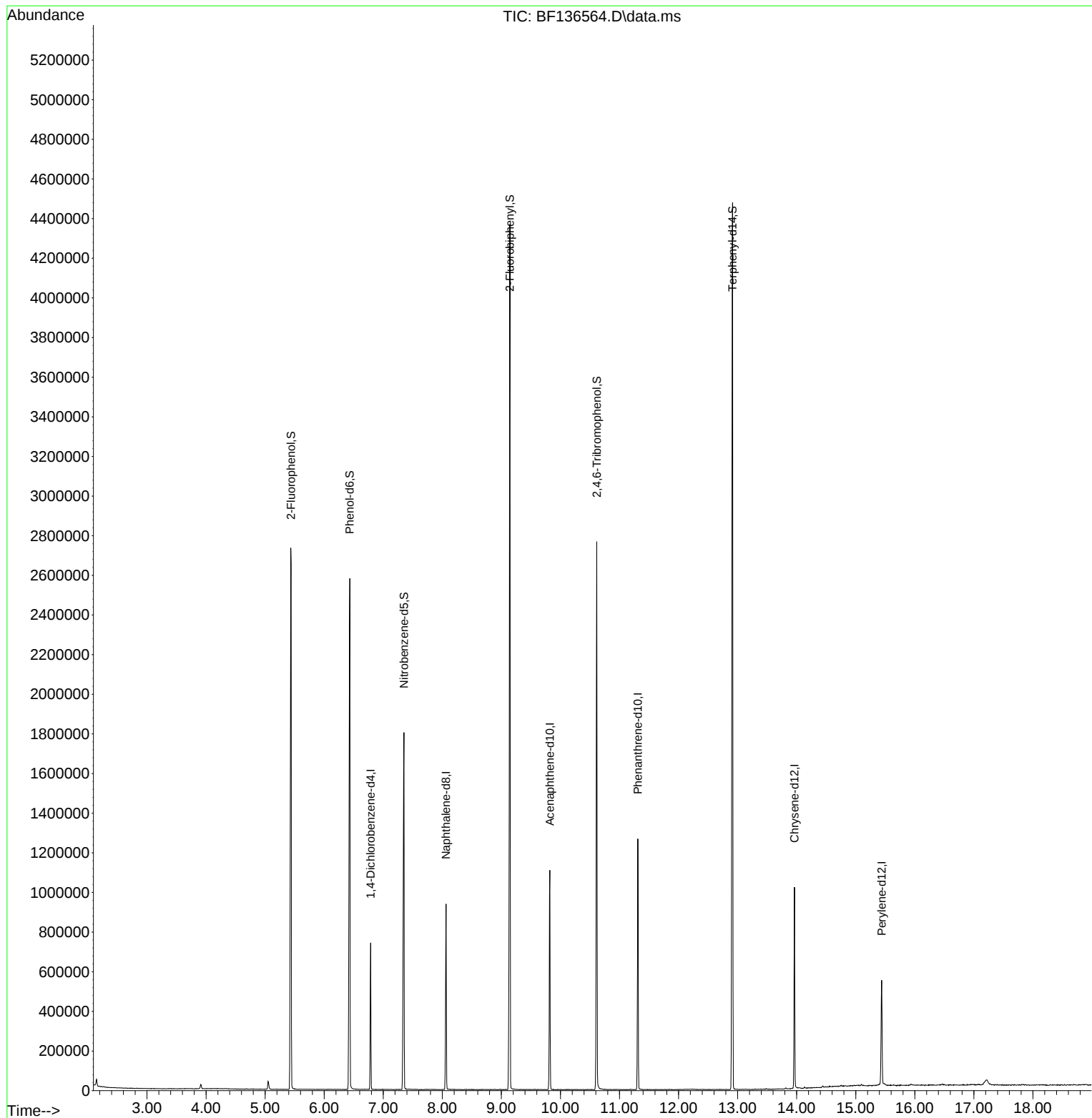
Target Compounds	Qvalue

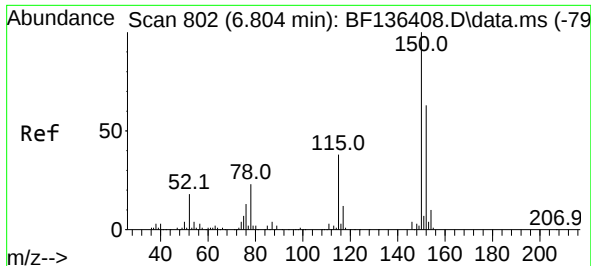
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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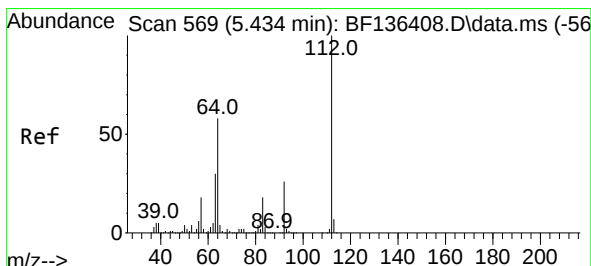
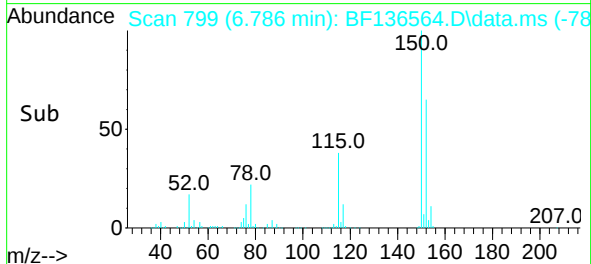
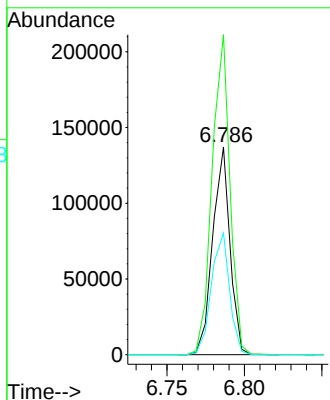
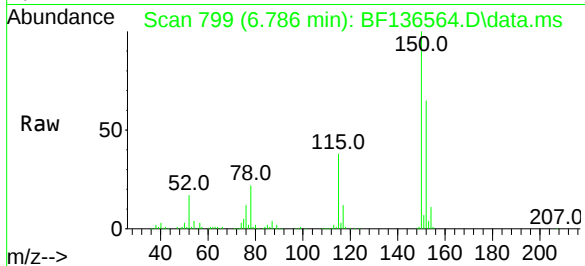




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

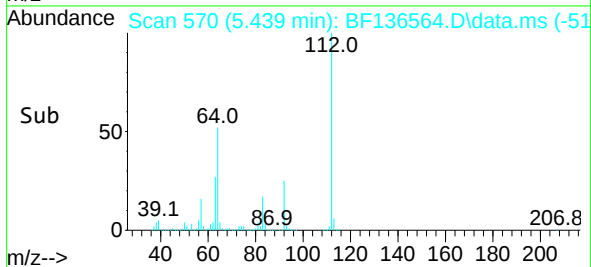
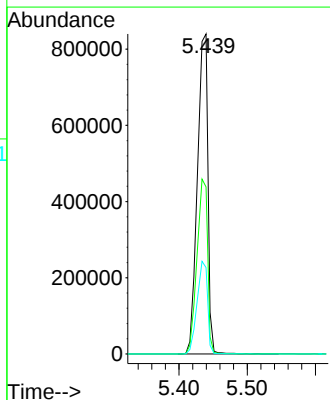
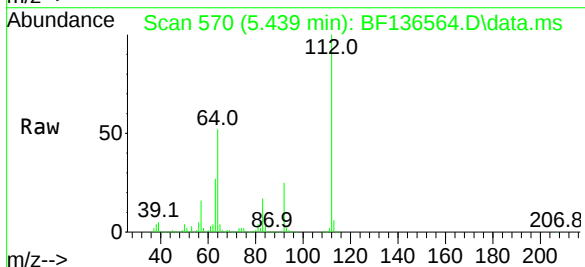
Instrument :
BNA_F
ClientSampleId :
PB157480TB

Tgt Ion:152 Resp: 106151
Ion Ratio Lower Upper
152 100
150 154.2 126.4 189.6
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 125.123 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion:112 Resp: 899353
Ion Ratio Lower Upper
112 100
64 52.2 46.5 69.7
63 27.0 23.9 35.9

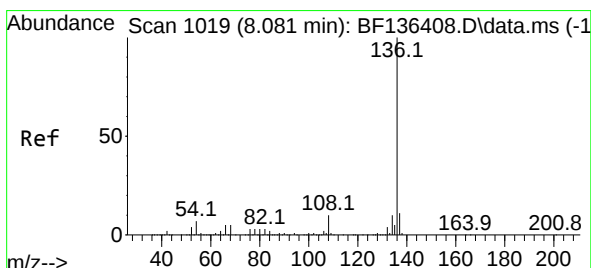
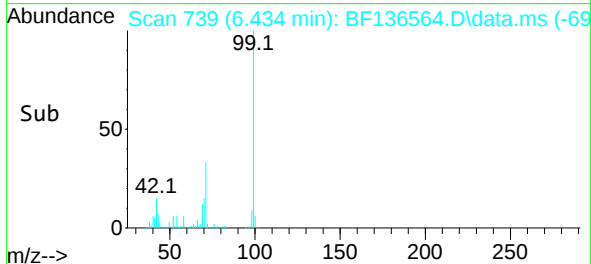
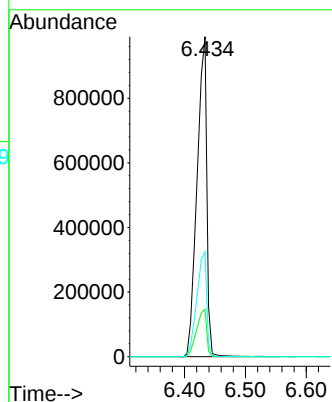
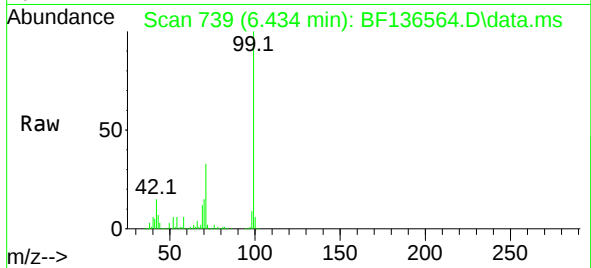




#7
Phenol-d6
Concen: 122.629 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

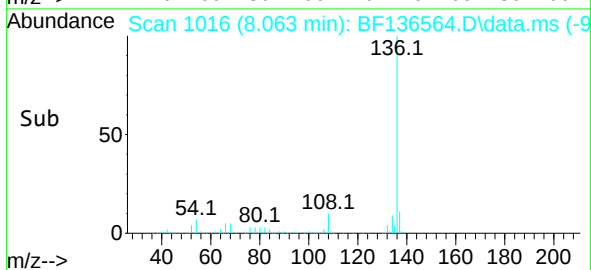
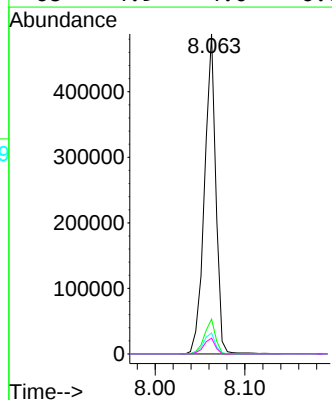
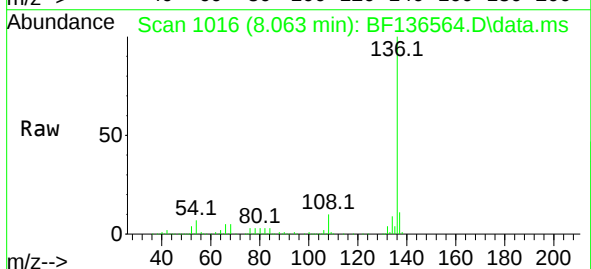
Instrument :
BNA_F
ClientSampleId :
PB157480TB

Tgt Ion: 99 Resp: 1099719
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 32.8 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion: 136 Resp: 427328
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.6 5.7 8.5
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 85.566 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136564.D

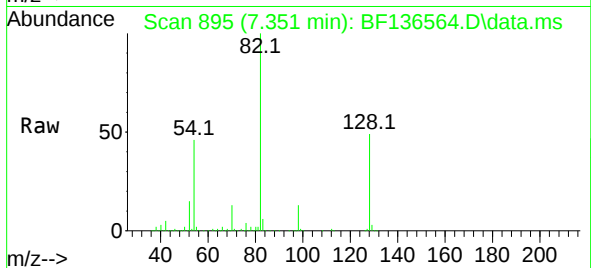
Acq: 14 Dec 2023 12:56

Instrument :

BNA_F

ClientSampleId :

PB157480TB



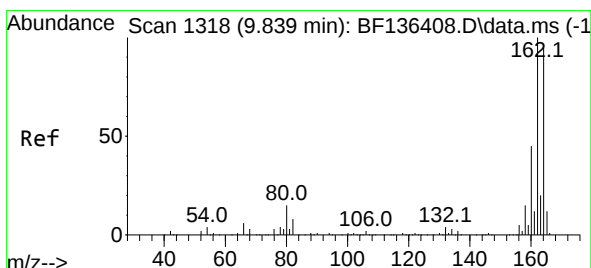
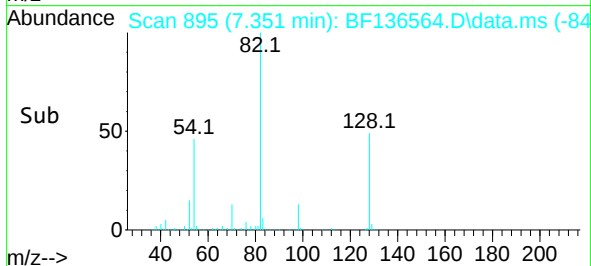
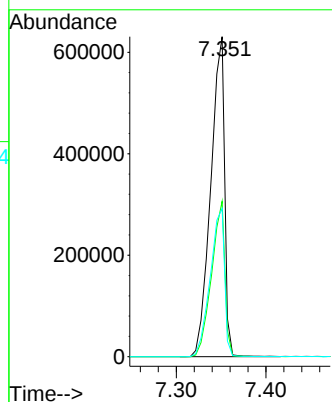
Tgt Ion: 82 Resp: 676371

Ion Ratio Lower Upper

82 100

128 48.5 36.3 54.5

54 46.3 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.018 min

Lab File: BF136564.D

Acq: 14 Dec 2023 12:56

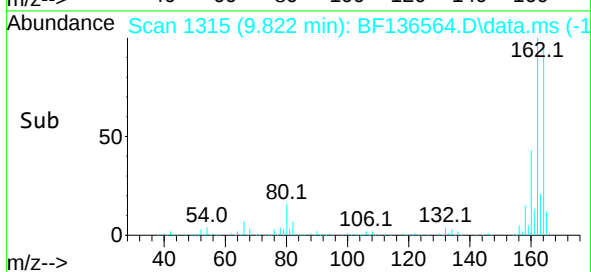
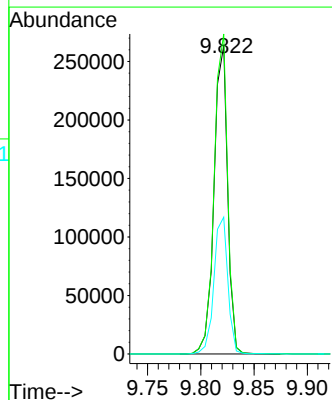
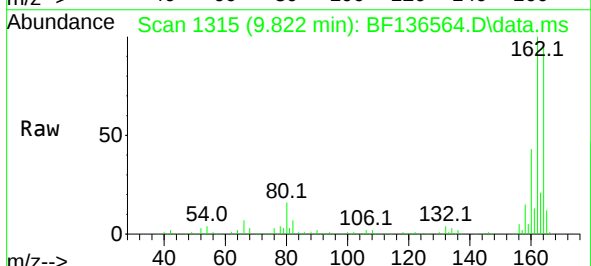
Tgt Ion: 164 Resp: 233510

Ion Ratio Lower Upper

164 100

162 103.8 84.4 126.6

160 44.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 127.695 ng

RT: 10.616 min Scan# 14

Delta R.T. -0.018 min

Lab File: BF136564.D

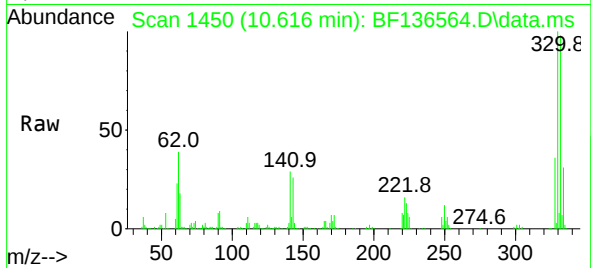
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Instrument :

BNA_F

ClientSampleId :

PB157480TB



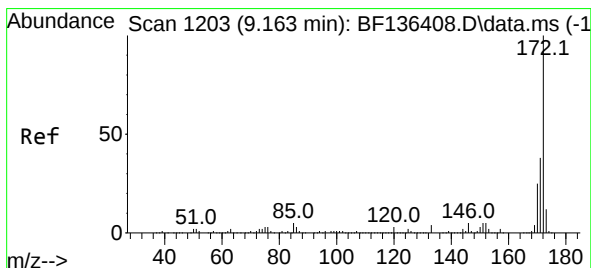
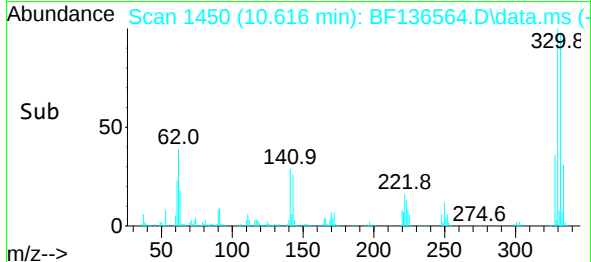
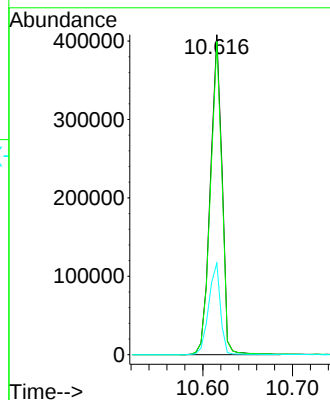
Tgt Ion:330 Resp: 367660

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.143 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF136564.D

Acq: 14 Dec 2023 12:56

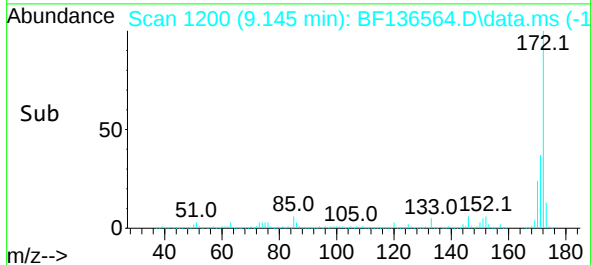
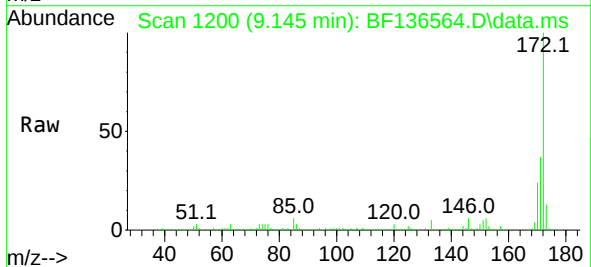
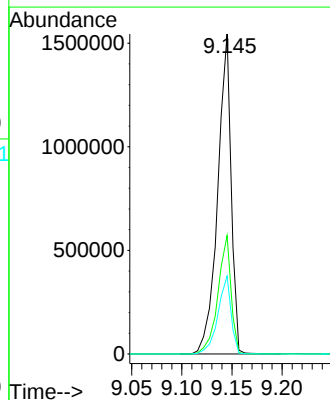
Tgt Ion:172 Resp: 1439951

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.4 19.9 29.9

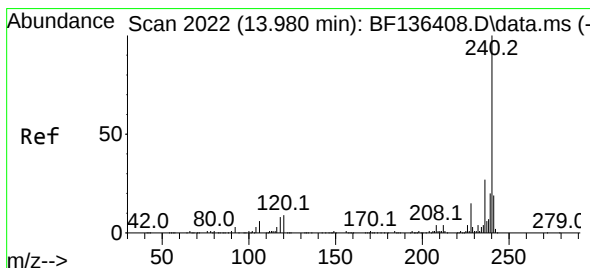
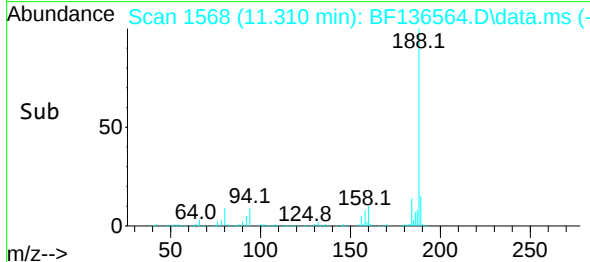
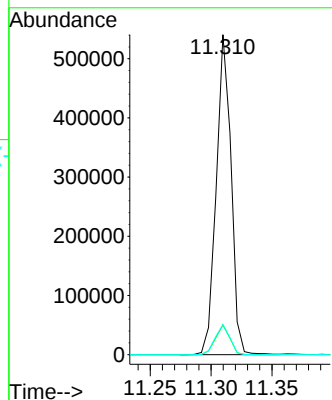
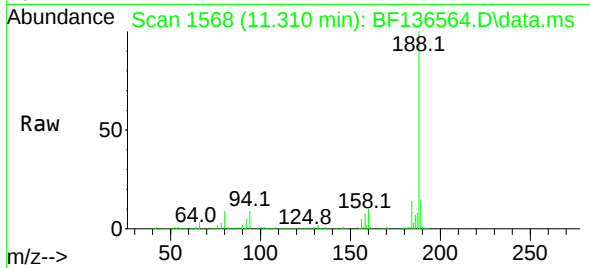




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

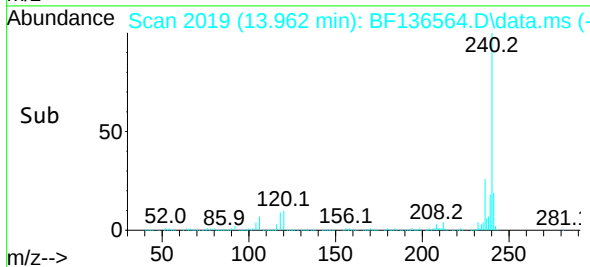
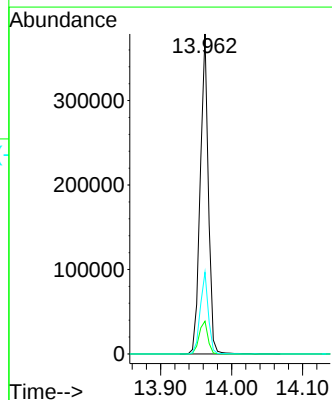
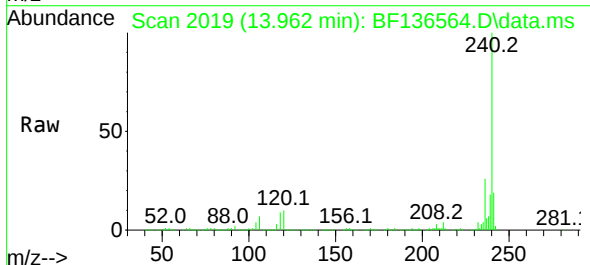
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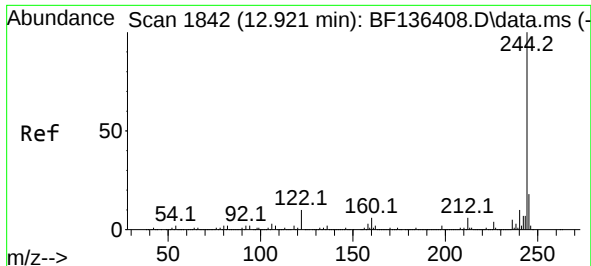
Tgt Ion:188 Resp: 458551
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF136564.D
Acq: 14 Dec 2023 12:56

Tgt Ion:240 Resp: 302091
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.6 21.3 31.9

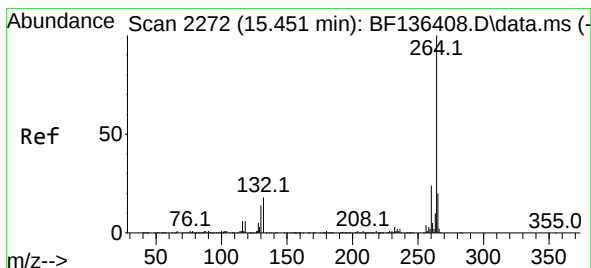
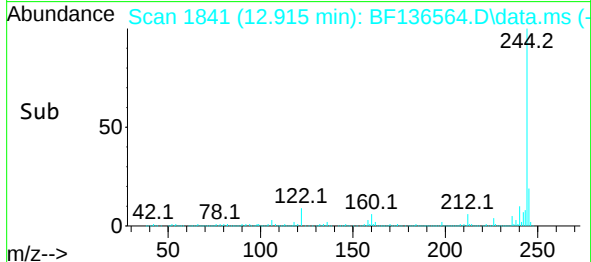
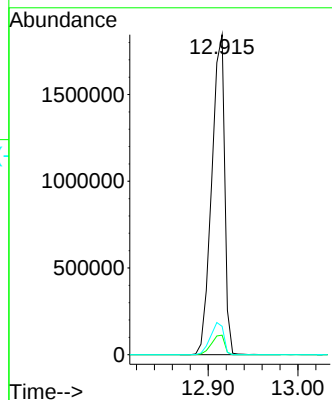
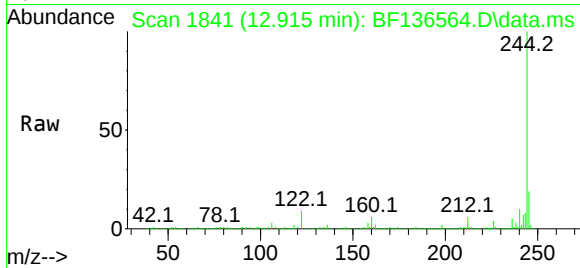




#79
 Terphenyl-d14
 Concen: 80.470 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136564.D
 Acq: 14 Dec 2023 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB157480TB

Tgt Ion:244 Resp: 1844335
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF136564.D
 Acq: 14 Dec 2023 12:56

Tgt Ion:264 Resp: 243807
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.3 15.9 23.9

