

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136667.D
 Acq On : 21 Dec 2023 13:14
 Operator : CG\JU
 Sample : 05585-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP4

Quant Time: Dec 21 14:03:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72208	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	275043	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	141856	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	271180	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	152492	20.000	ng	-0.02
86) Perylene-d12	15.427	264	147607	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	237885	51.403	ng	-0.01
7) Phenol-d6	6.416	99	179842	29.991	ng	-0.02
23) Nitrobenzene-d5	7.340	82	460161	85.612	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	197169	118.018	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	905937	85.895	ng	-0.01
79) Terphenyl-d14	12.904	244	908842	83.288	ng	-0.01

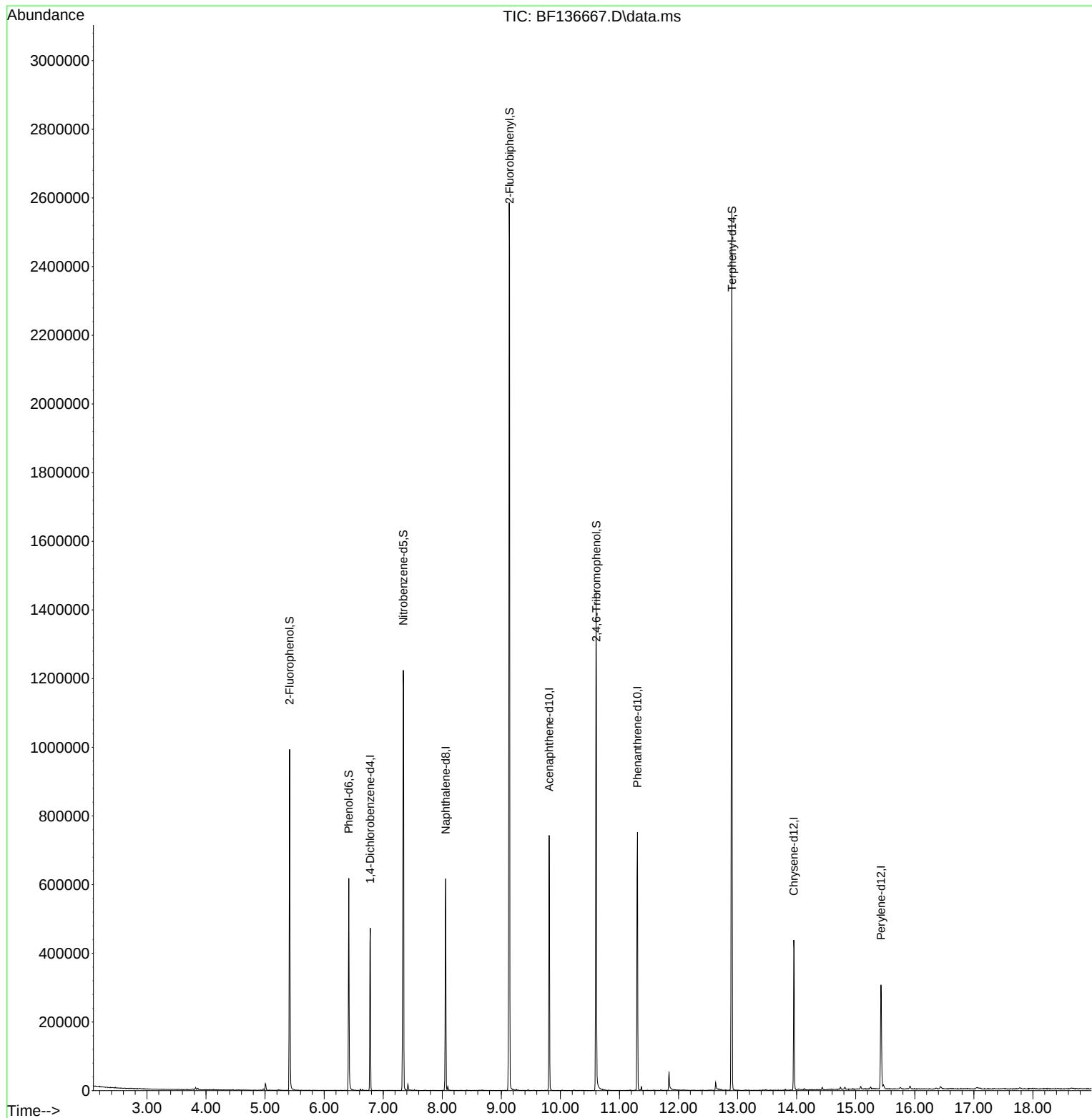
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136667.D
Acq On : 21 Dec 2023 13:14
Operator : CG\JU
Sample : 05585-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3874-SP4

Quant Time: Dec 21 14:03:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

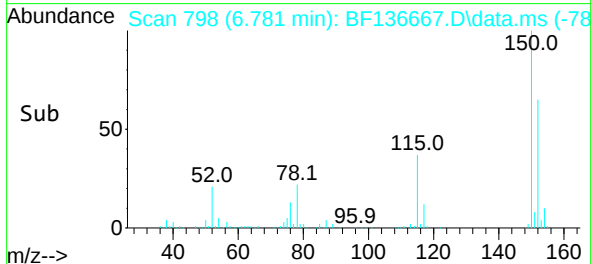
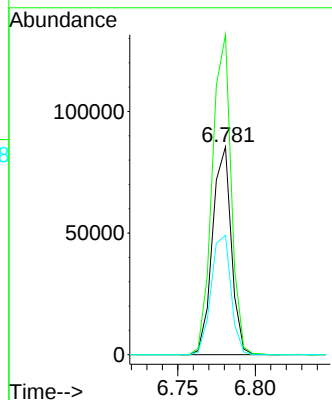
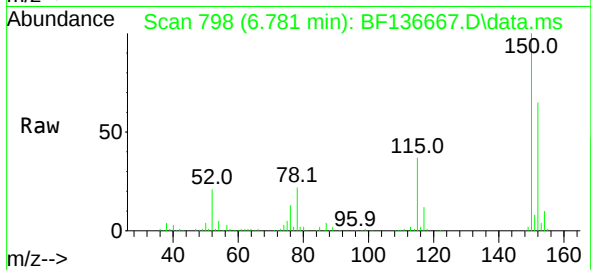




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

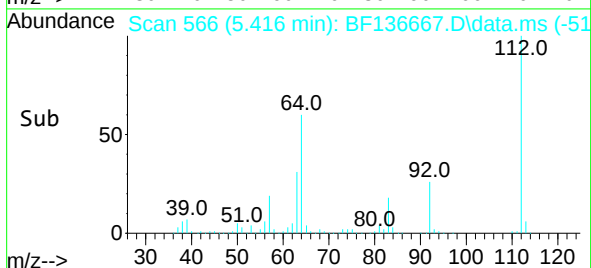
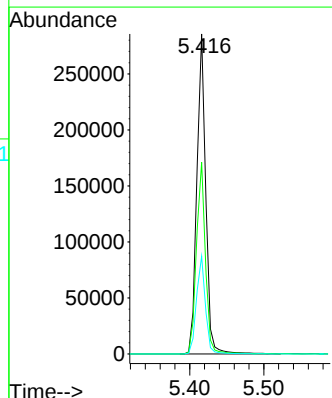
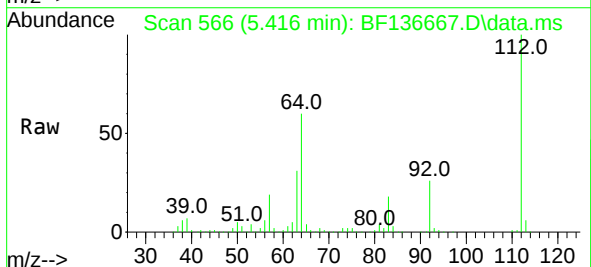
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

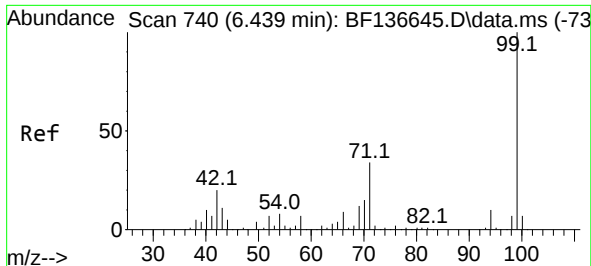
Tgt Ion:152 Resp: 72208
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 51.403 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:112 Resp: 237885
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 30.5 26.1 39.1

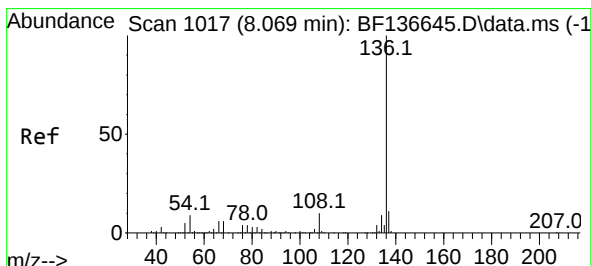
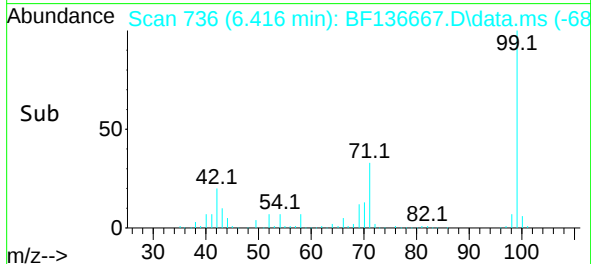
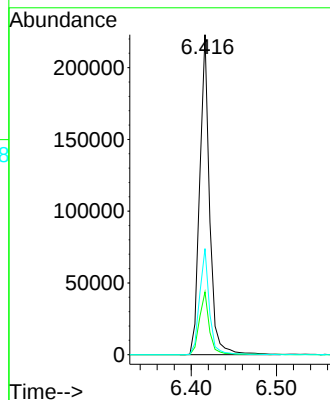
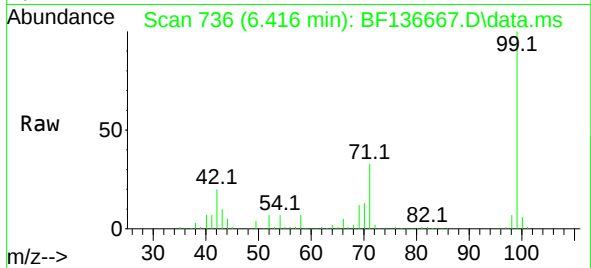




#7
Phenol-d6
Concen: 29.991 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

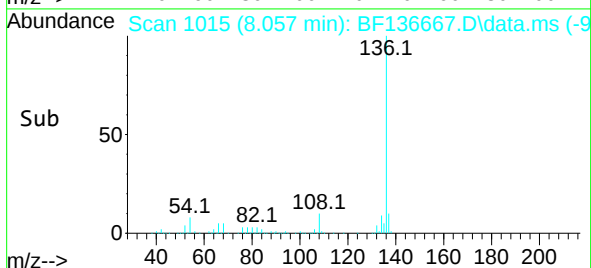
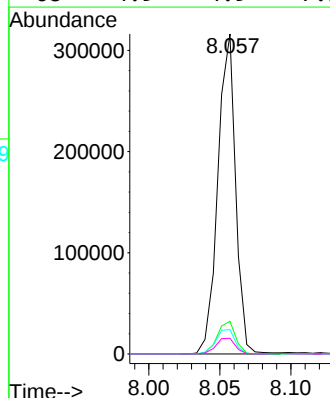
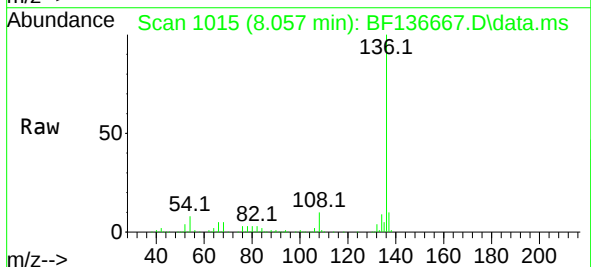
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

Tgt Ion: 99 Resp: 179842
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 33.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion: 136 Resp: 275043
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 7.6 7.2 10.8
68 4.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.612 ng

RT: 7.340 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

Instrument :

BNA_F

ClientSampleId :

P3874-SP4

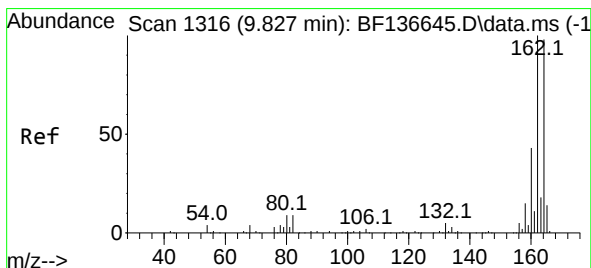
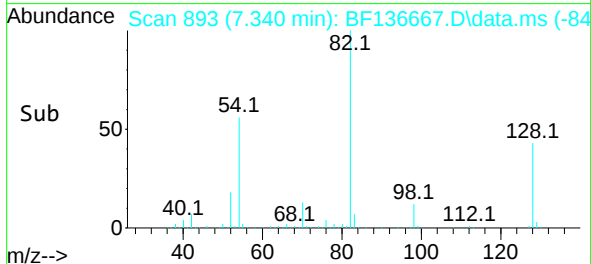
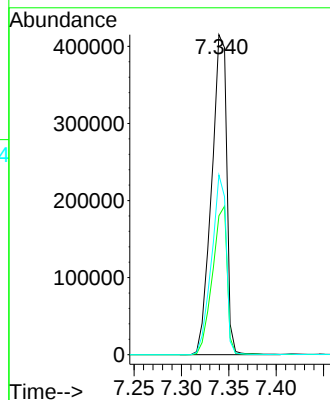
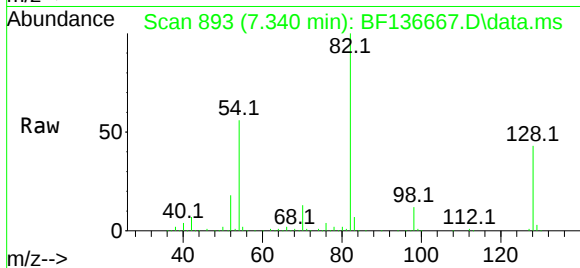
Tgt Ion: 82 Resp: 460161

Ion Ratio Lower Upper

82 100

128 43.4 35.3 52.9

54 56.1 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

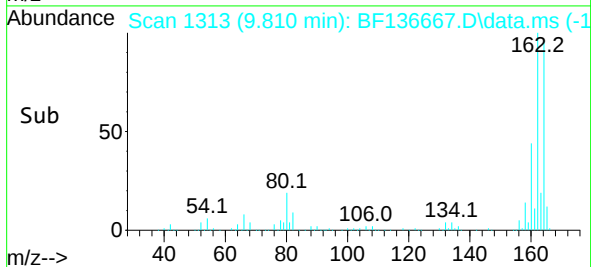
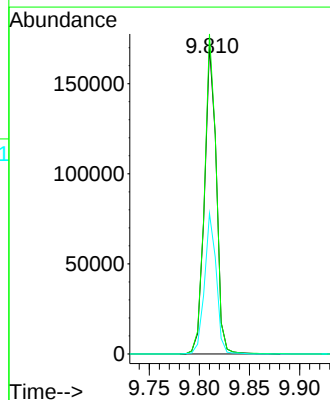
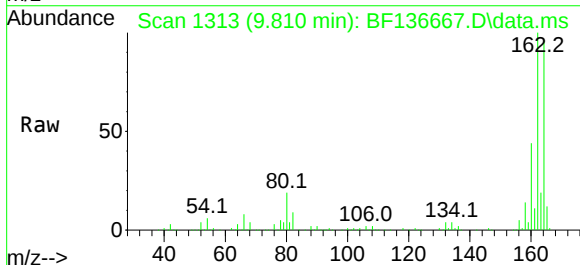
Tgt Ion:164 Resp: 141856

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.018 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136667.D

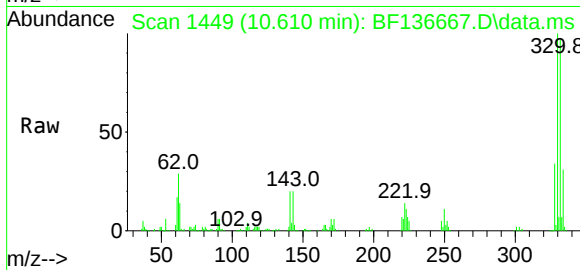
Acq: 21 Dec 2023 13:14

Instrument :

BNA_F

ClientSampleId :

P3874-SP4



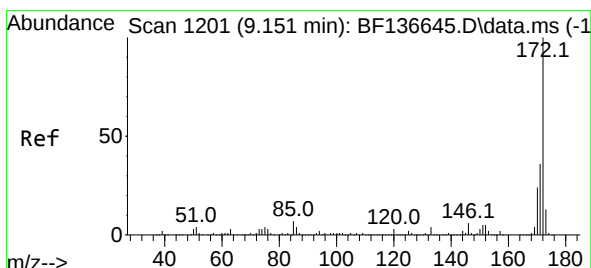
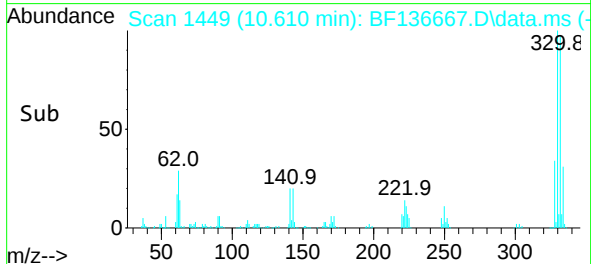
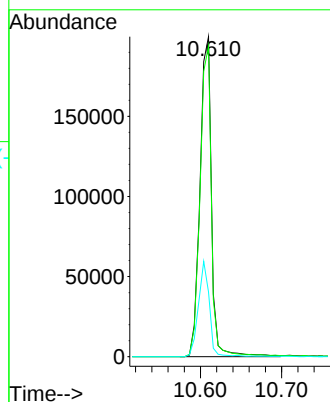
Tgt Ion:330 Resp: 197169

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.895 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

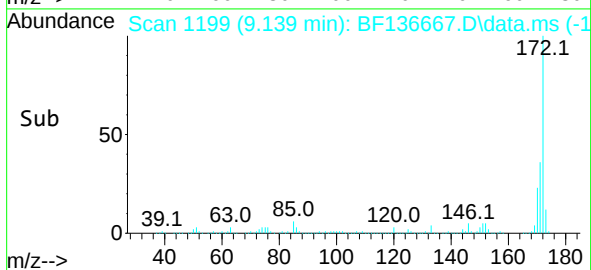
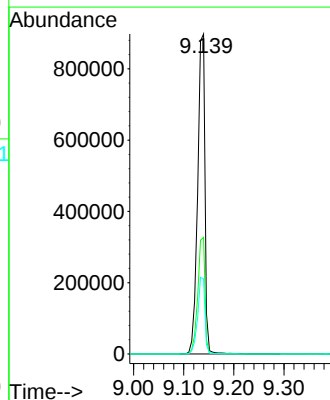
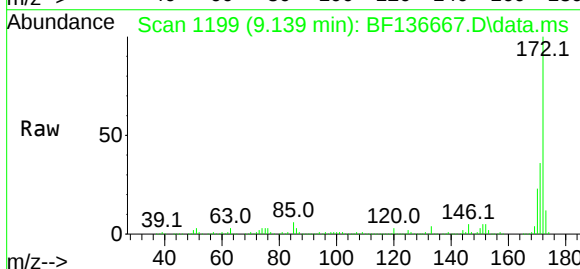
Tgt Ion:172 Resp: 905937

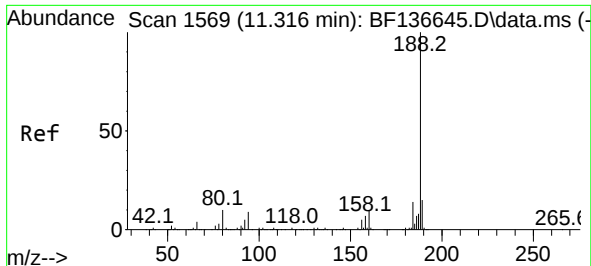
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.4 19.0 28.4

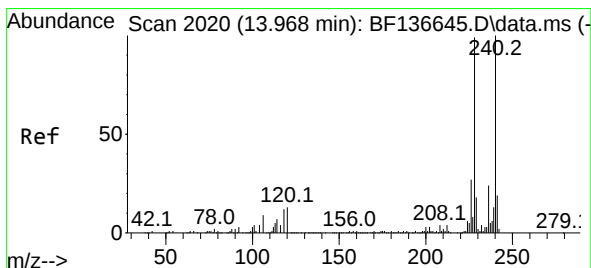
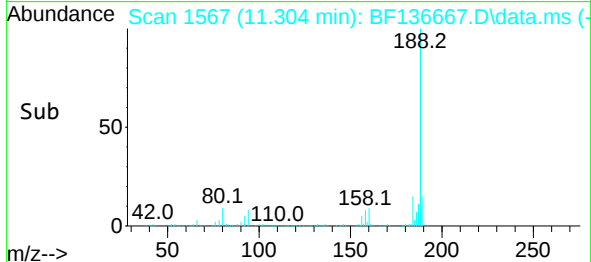
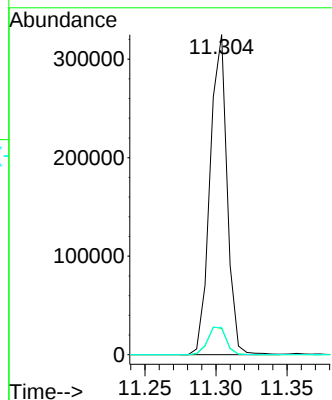
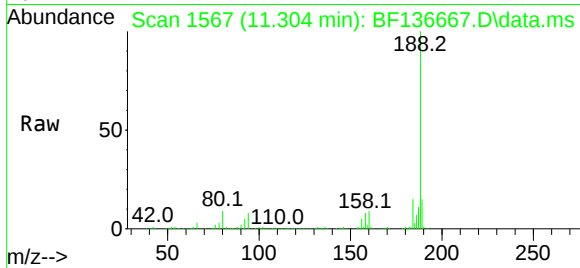




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

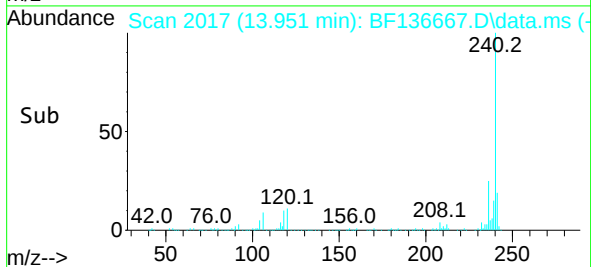
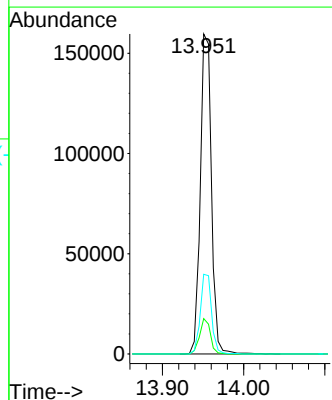
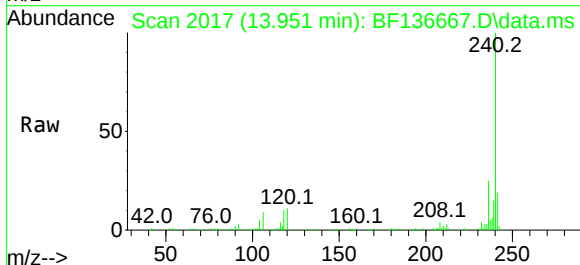
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

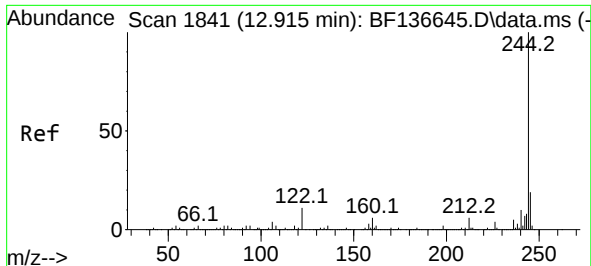
Tgt Ion:188 Resp: 271180
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.017 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:240 Resp: 152492
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 24.9 19.4 29.2

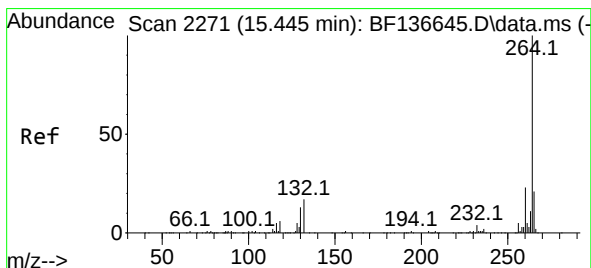
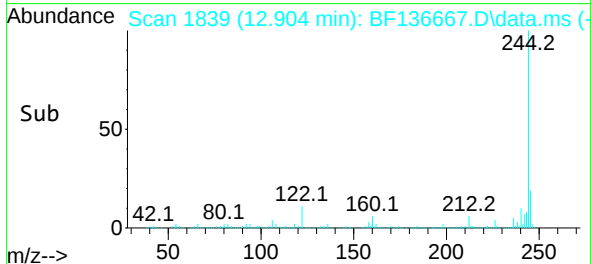
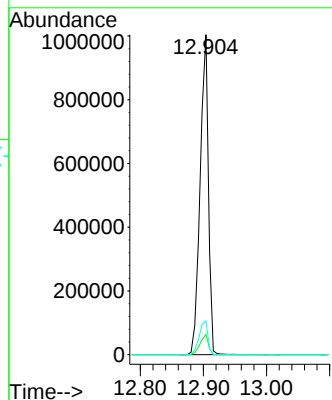
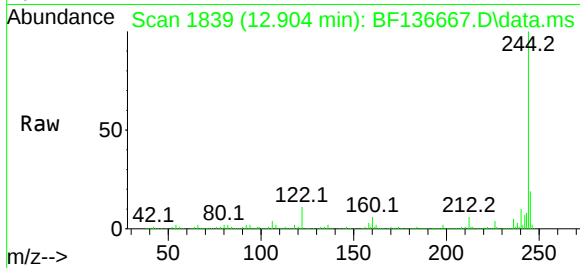




#79
 Terphenyl-d14
 Concen: 83.288 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136667.D
 Acq: 21 Dec 2023 13:14

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP4

Tgt Ion:244 Resp: 908842
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.017 min
 Lab File: BF136667.D
 Acq: 21 Dec 2023 13:14

Tgt Ion:264 Resp: 147607
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.4 17.0 25.6

