

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136673.D
 Acq On : 21 Dec 2023 17:18
 Operator : CG\JU
 Sample : 05887-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-121423

Quant Time: Dec 21 22:44:30 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	6.787	152	65072	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	216914	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	88623	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	166616	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	145262	20.000	ng	-0.01
86) Perylene-d12	15.439	264	118011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	454861	109.066	ng	0.00
7) Phenol-d6	6.428	99	495169	91.630	ng	-0.01
23) Nitrobenzene-d5	7.345	82	338701	79.901	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	119665	114.651	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	584040	88.637	ng	-0.01
79) Terphenyl-d14	12.904	244	666579	64.127	ng	-0.01

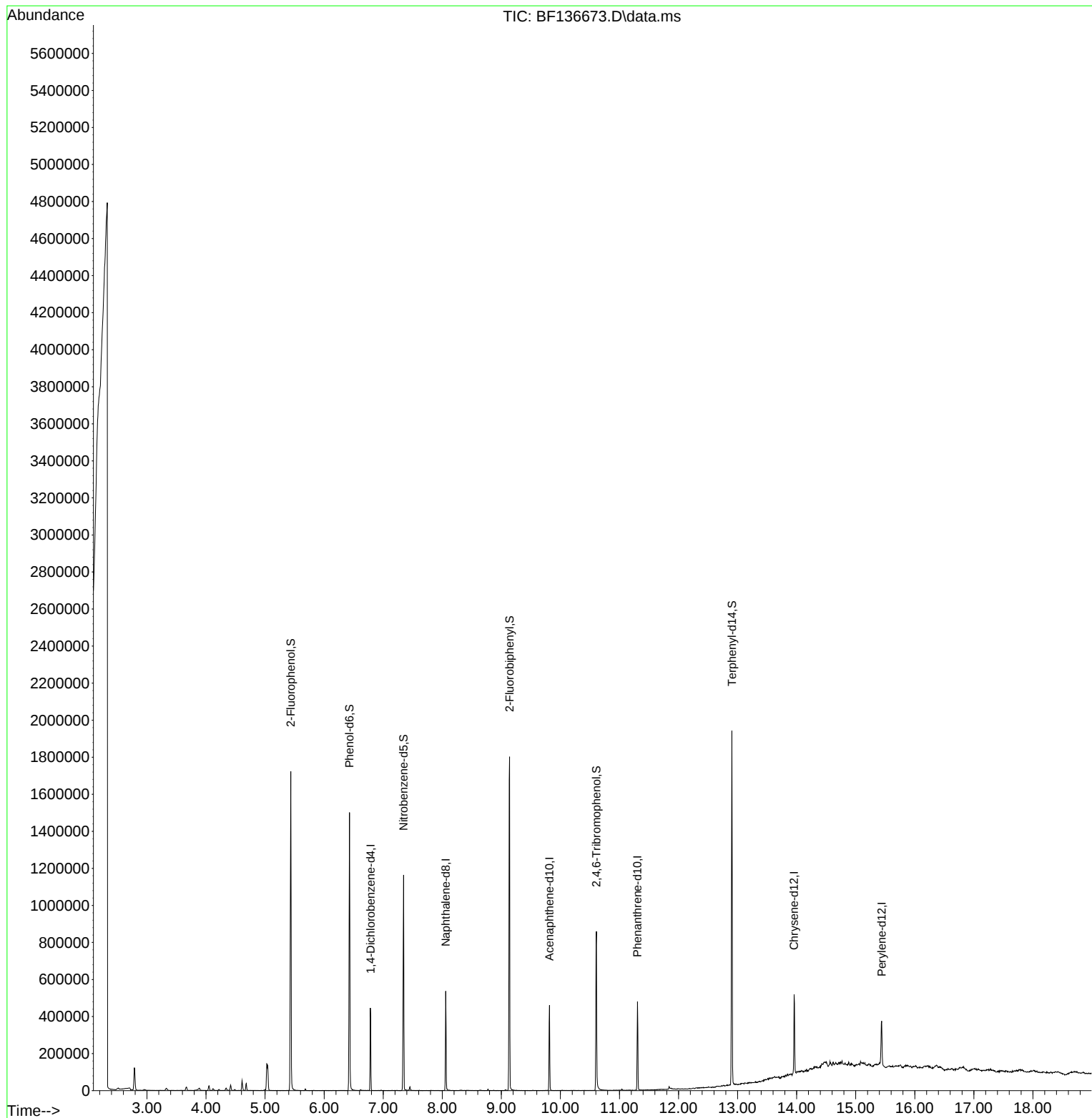
Target Compounds	Qvalue

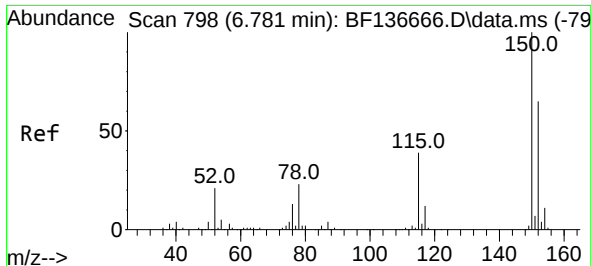
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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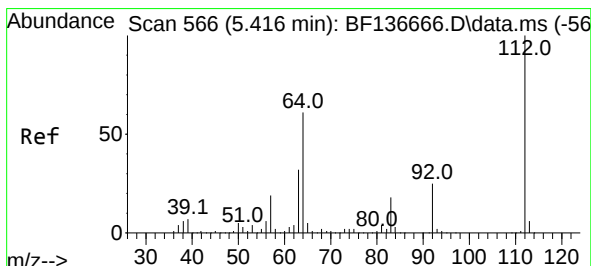
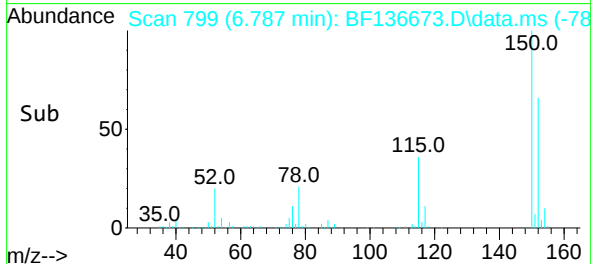
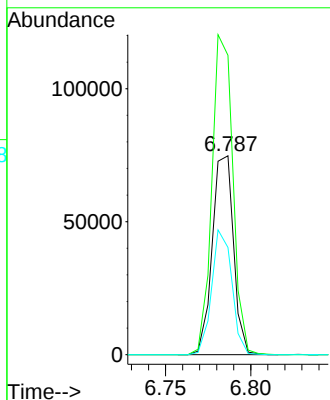
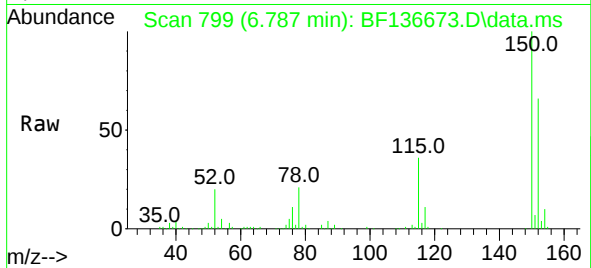




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF136673.D
Acq: 21 Dec 2023 17:18

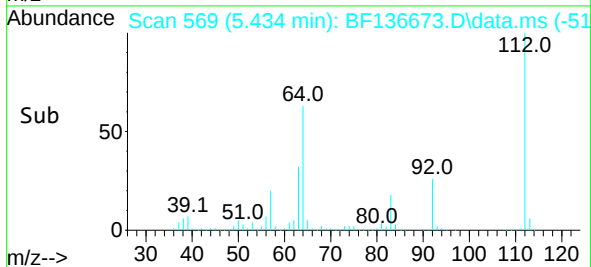
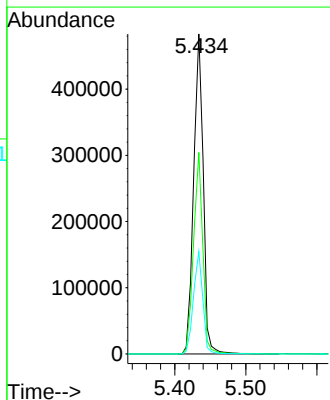
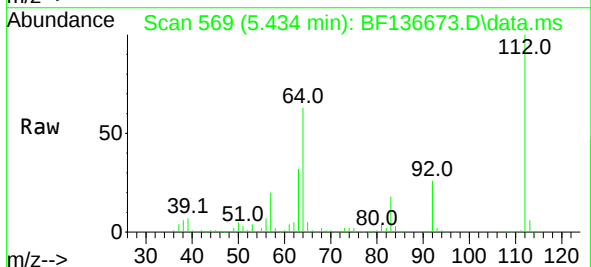
Instrument :
BNA_F
ClientSampleId :
WC-121423

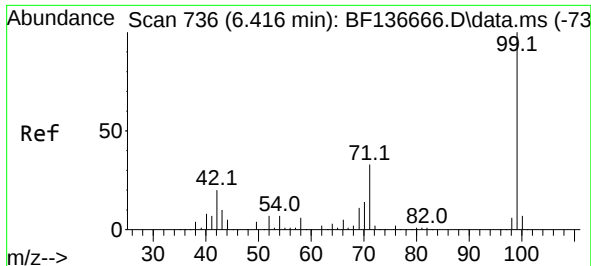
Tgt Ion:152 Resp: 65072
Ion Ratio Lower Upper
152 100
150 150.4 127.0 190.6
115 53.9 49.0 73.4



#5
2-Fluorophenol
Concen: 109.066 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136673.D
Acq: 21 Dec 2023 17:18

Tgt Ion:112 Resp: 454861
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 32.0 26.1 39.1

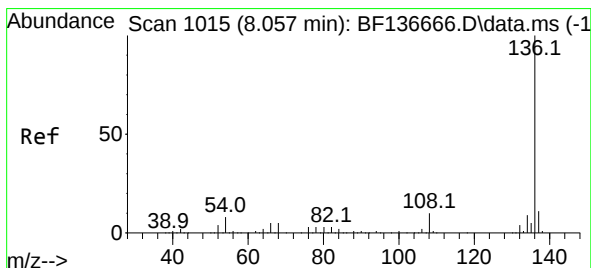
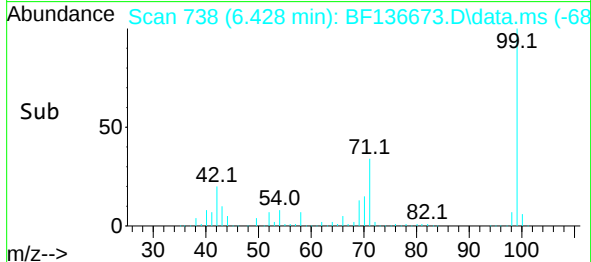
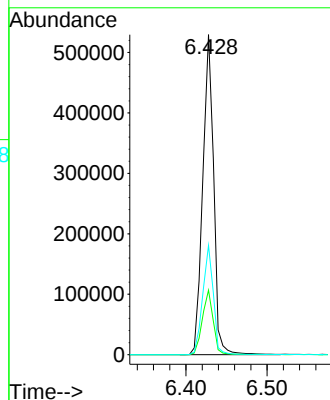
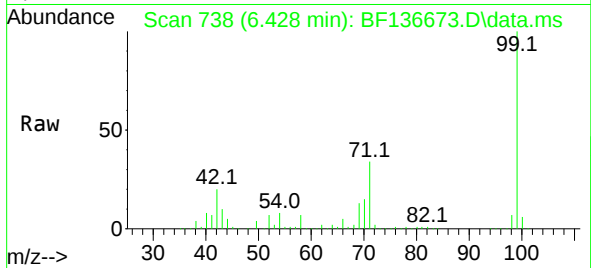




#7
Phenol-d6
Concen: 91.630 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136673.D
Acq: 21 Dec 2023 17:18

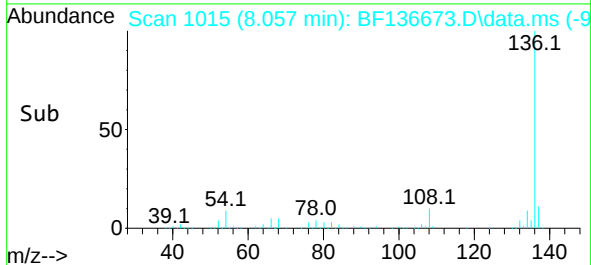
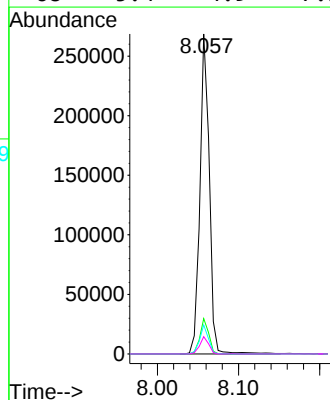
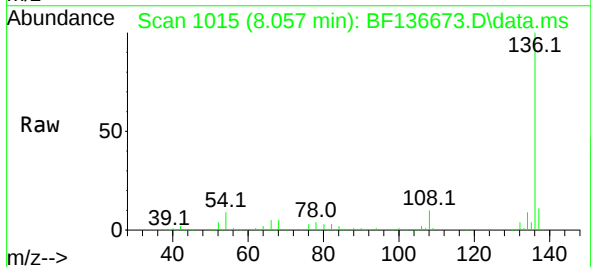
Instrument :
BNA_F
ClientSampleId :
WC-121423

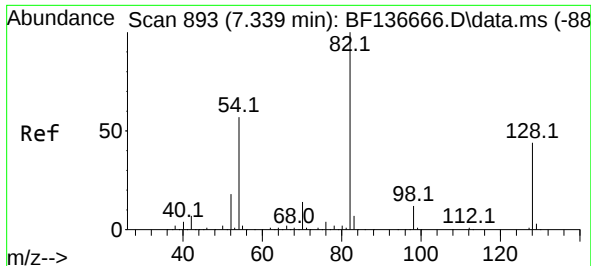
Tgt Ion: 99 Resp: 495169
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 34.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136673.D
Acq: 21 Dec 2023 17:18

Tgt Ion: 136 Resp: 216914
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.0 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.901 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136673.D

Acq: 21 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

WC-121423

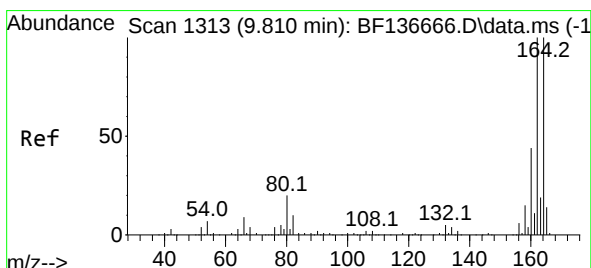
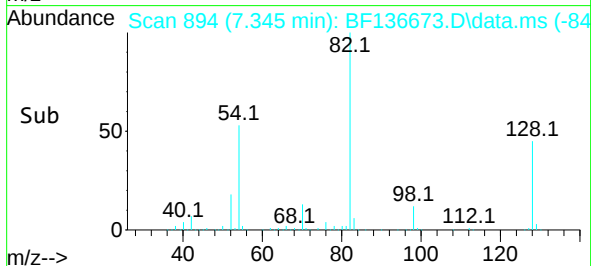
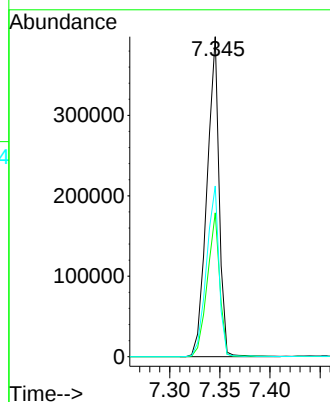
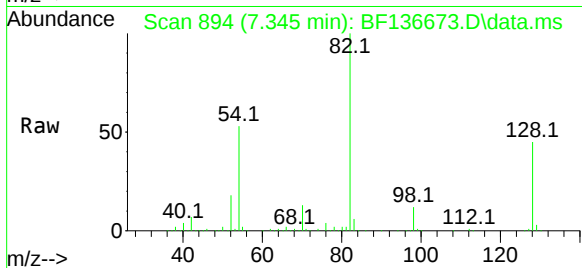
Tgt Ion: 82 Resp: 338701

Ion Ratio Lower Upper

82 100

128 44.9 35.3 52.9

54 53.3 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136673.D

Acq: 21 Dec 2023 17:18

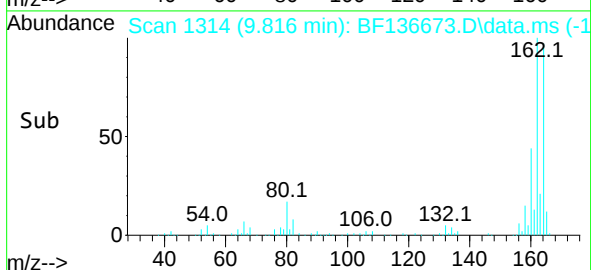
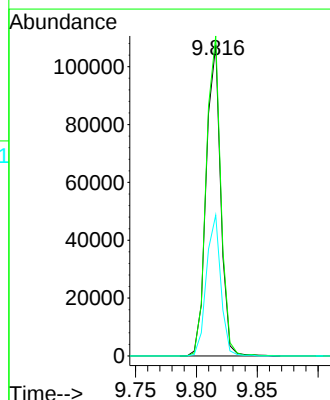
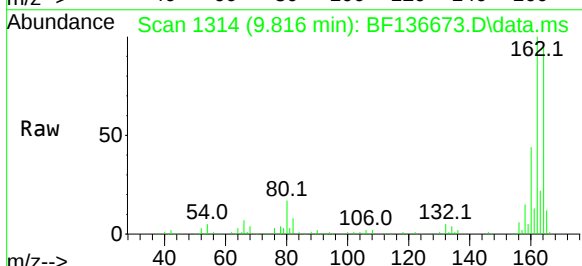
Tgt Ion:164 Resp: 88623

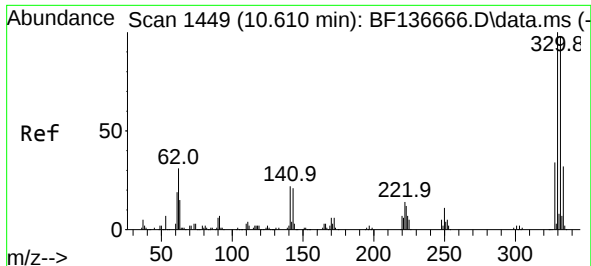
Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

160 45.2 34.9 52.3

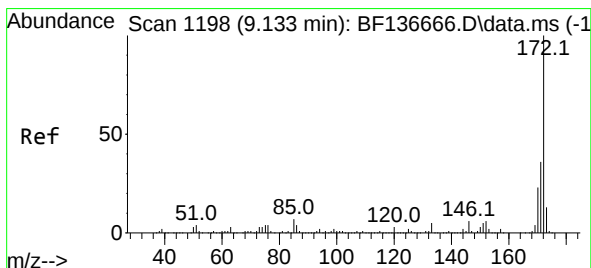
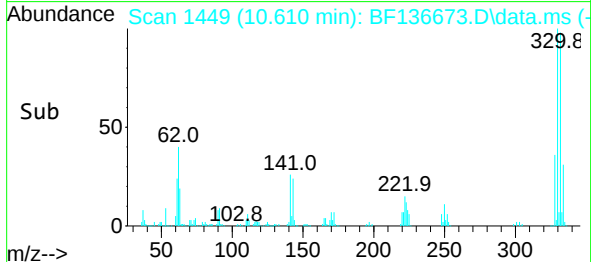
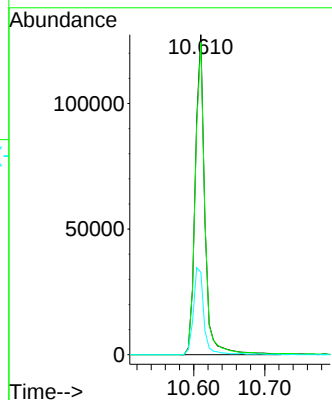
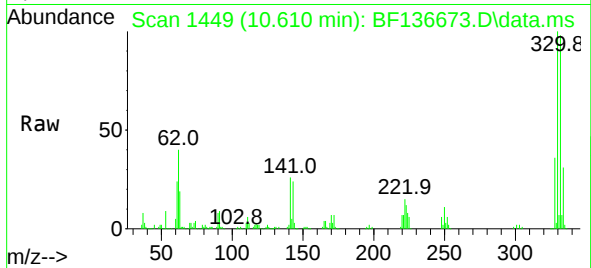




#42
2,4,6-Tribromophenol
Concen: 114.651 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136673.D
Acq: 21 Dec 2023 17:18

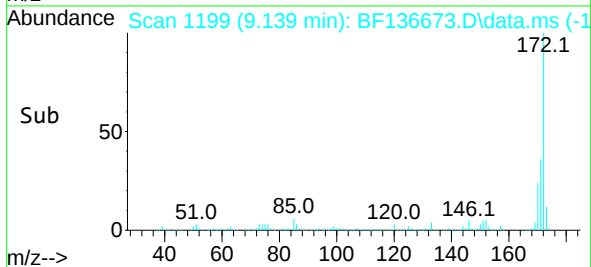
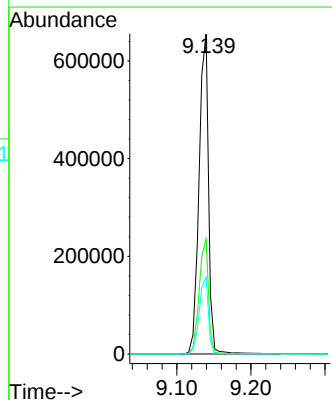
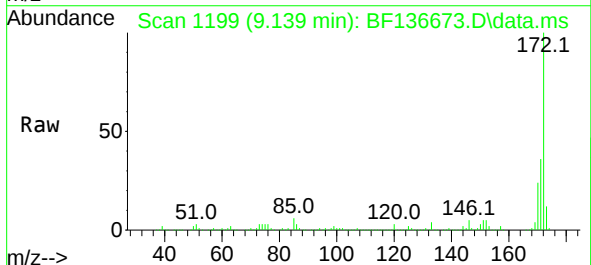
Instrument :
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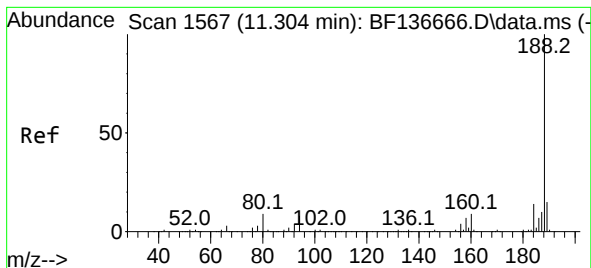
Tgt Ion:330 Resp: 119665
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.0
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 88.637 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136673.D
Acq: 21 Dec 2023 17:18

Tgt Ion:172 Resp: 584040
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136673.D

Acq: 21 Dec 2023 17:18

Instrument :

BNA_F

ClientSampleId :

WC-121423

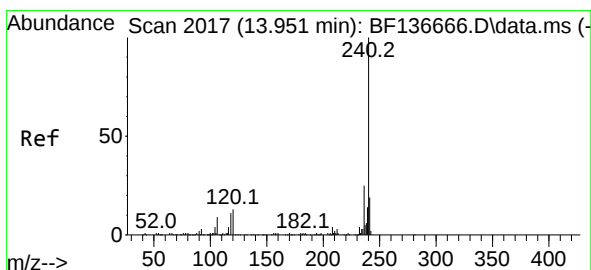
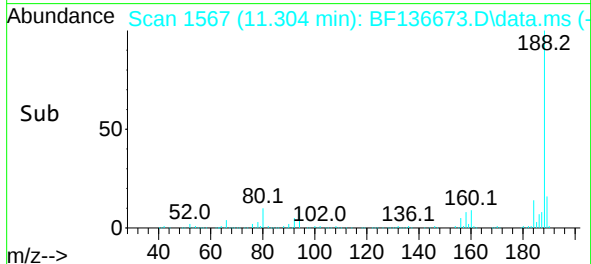
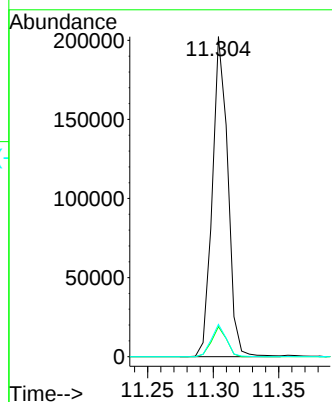
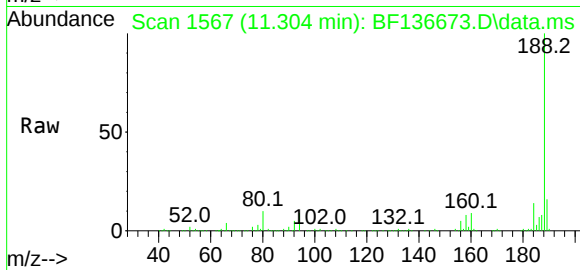
Tgt Ion:188 Resp: 166616

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF136673.D

Acq: 21 Dec 2023 17:18

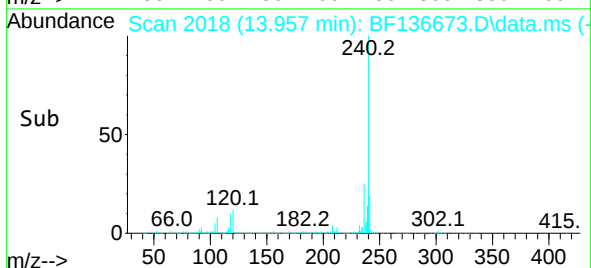
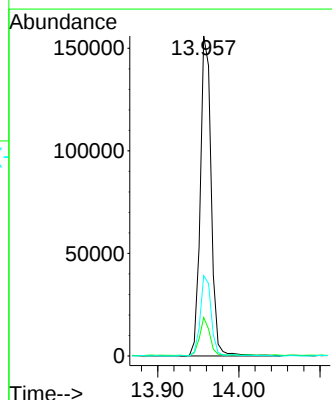
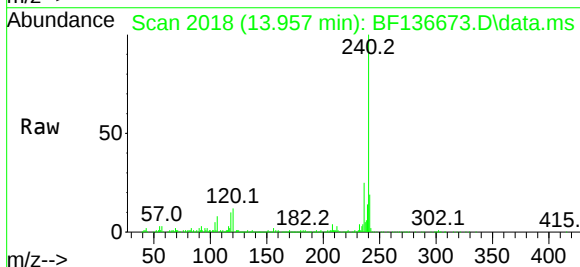
Tgt Ion:240 Resp: 145262

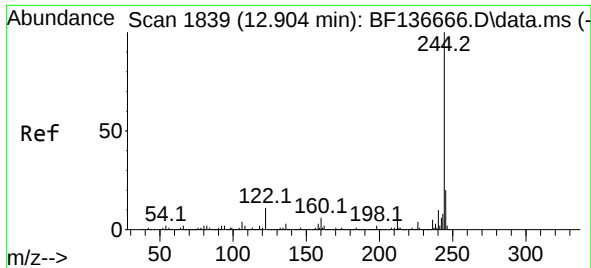
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 25.1 19.4 29.2

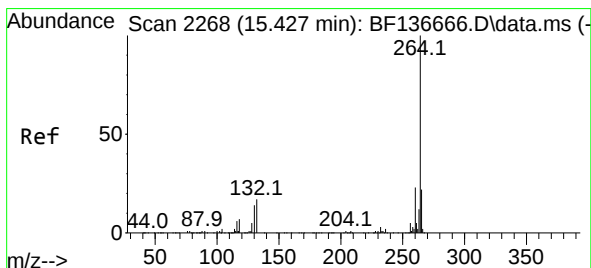
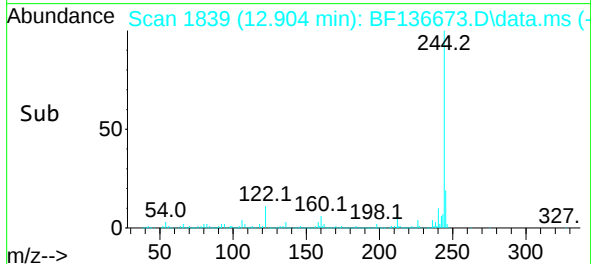
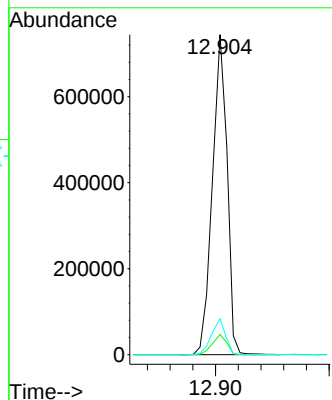
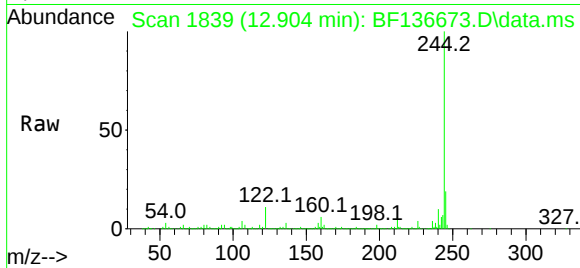




#79
 Terphenyl-d14
 Concen: 64.127 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136673.D
 Acq: 21 Dec 2023 17:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-121423

Tgt Ion:244 Resp: 666579
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136673.D
 Acq: 21 Dec 2023 17:18

Tgt Ion:264 Resp: 118011
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.8 17.0 25.6

