

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136674.D
 Acq On : 21 Dec 2023 17:50
 Operator : CG\JU
 Sample : 05914-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Quant Time: Dec 21 22:44:43 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	6.786	152	68956	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	229068	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	93945	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	171826	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	150612	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	117824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	498229	112.736	ng	0.01
7) Phenol-d6	6.428	99	531885	92.881	ng	-0.01
23) Nitrobenzene-d5	7.345	82	383624	85.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	128014	115.702	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	649362	92.967	ng	-0.01
79) Terphenyl-d14	12.904	244	711583	66.025	ng	-0.01

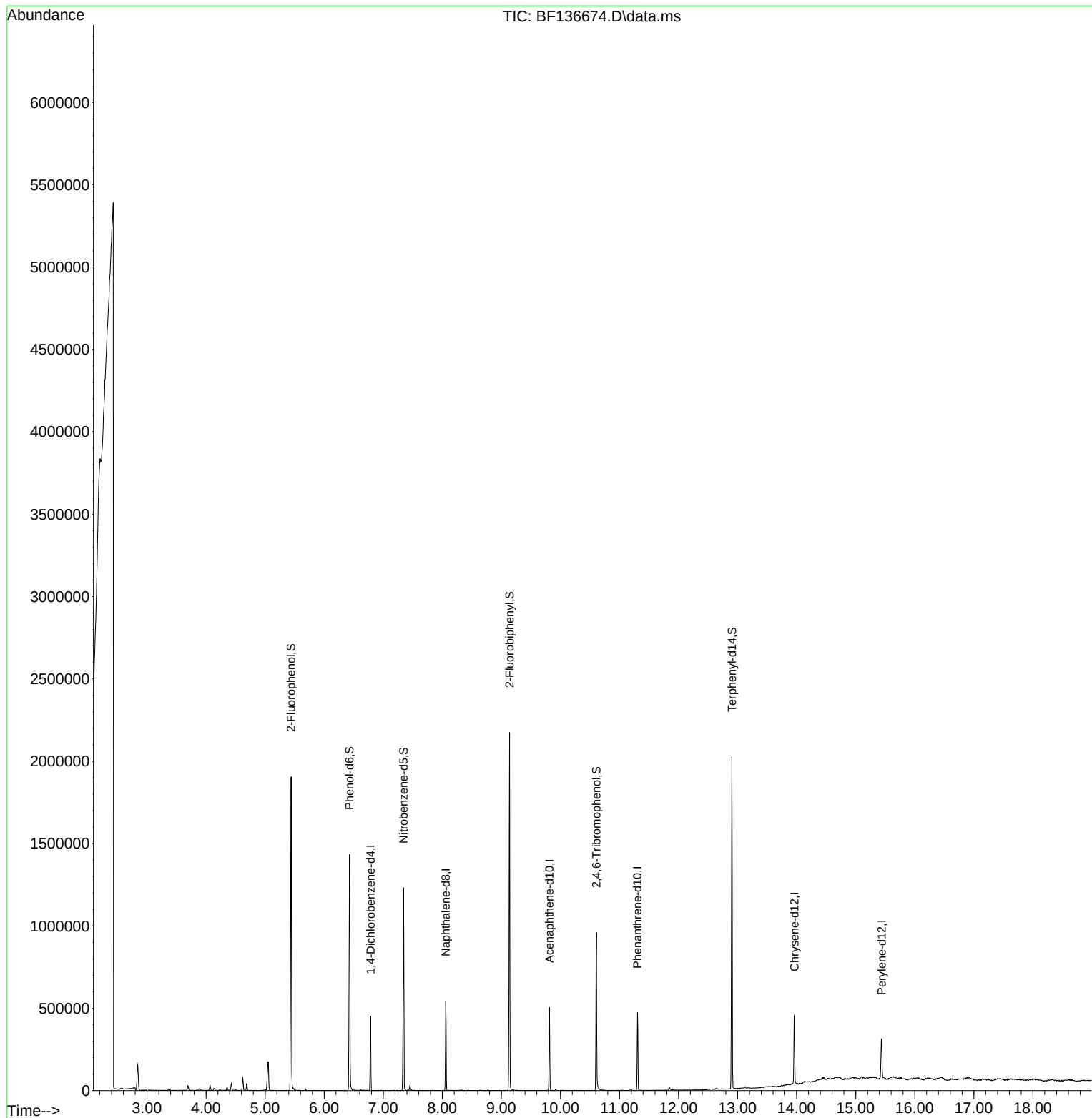
Target Compounds	Qvalue

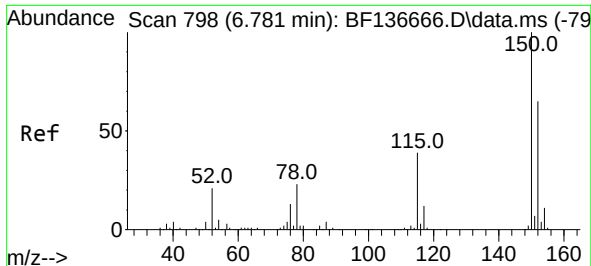
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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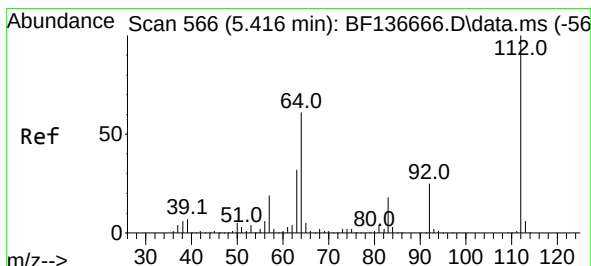
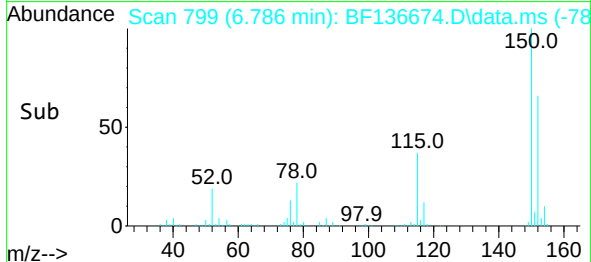
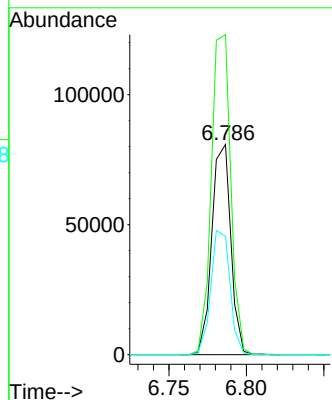
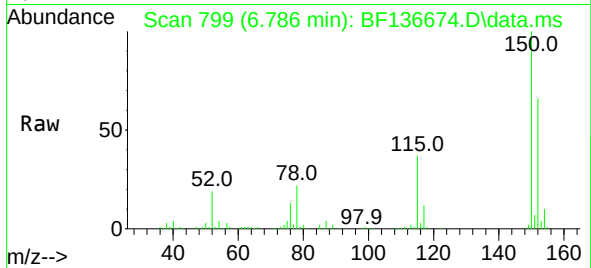




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF136674.D
Acq: 21 Dec 2023 17:50

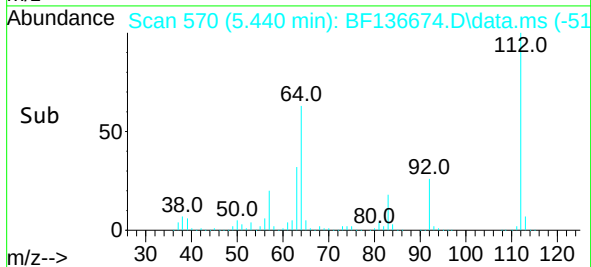
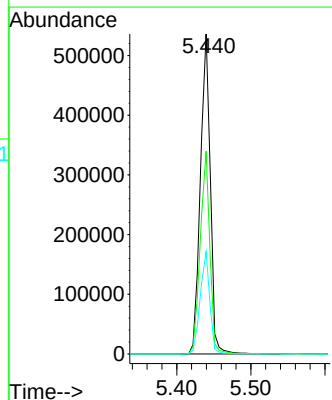
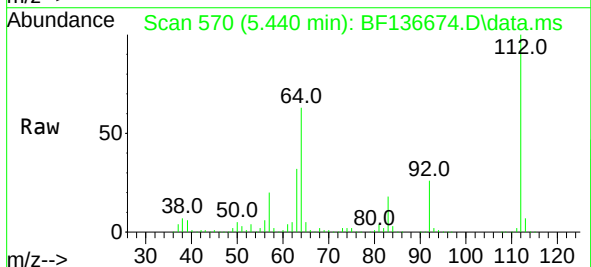
Instrument :
BNA_F
ClientSampleId :
72-12000

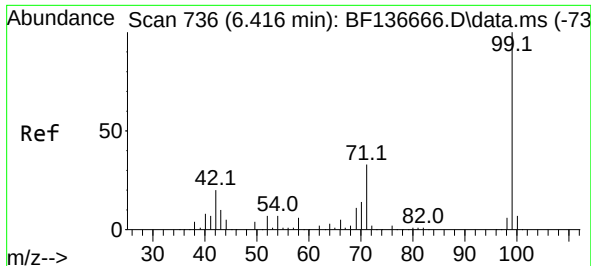
Tgt Ion:152 Resp: 68956
Ion Ratio Lower Upper
152 100
150 152.2 127.0 190.6
115 56.3 49.0 73.4



#5
2-Fluorophenol
Concen: 112.736 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136674.D
Acq: 21 Dec 2023 17:50

Tgt Ion:112 Resp: 498229
Ion Ratio Lower Upper
112 100
64 63.3 51.1 76.7
63 32.0 26.1 39.1

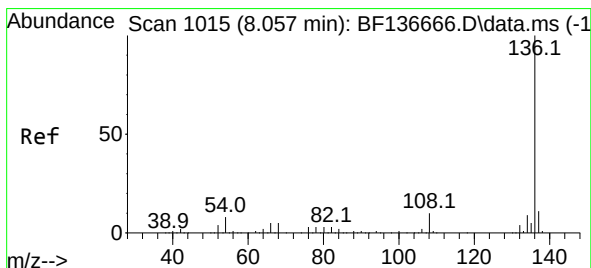
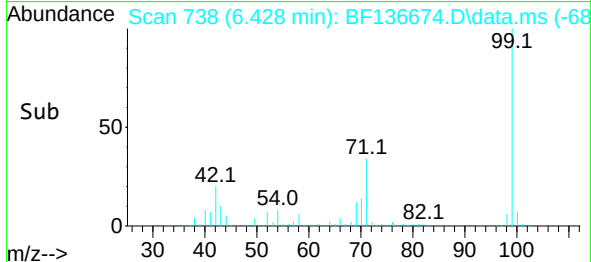
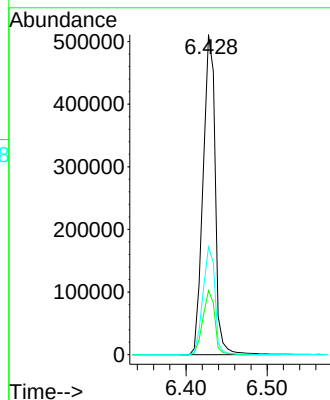
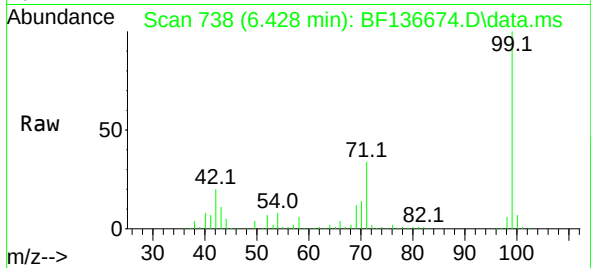




#7
Phenol-d6
Concen: 92.881 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136674.D
Acq: 21 Dec 2023 17:50

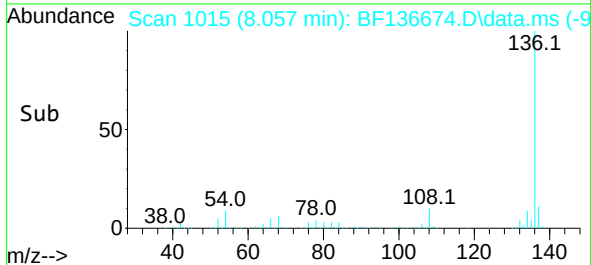
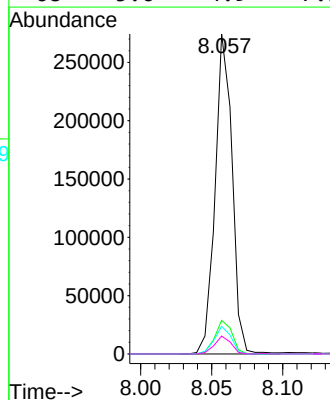
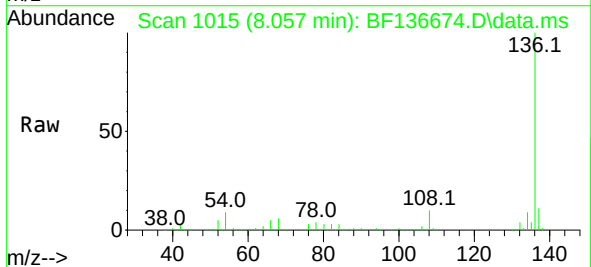
Instrument :
BNA_F
ClientSampleId :
72-12000

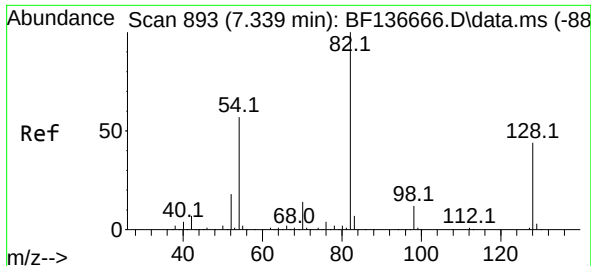
Tgt Ion: 99 Resp: 531885
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136674.D
Acq: 21 Dec 2023 17:50

Tgt Ion: 136 Resp: 229068
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.6 7.2 10.8
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.697 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF136674.D

Acq: 21 Dec 2023 17:50

Instrument :

BNA_F

ClientSampleId :

72-12000

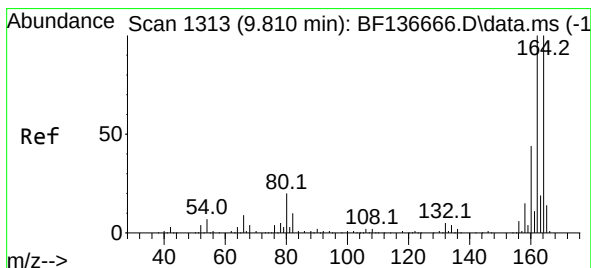
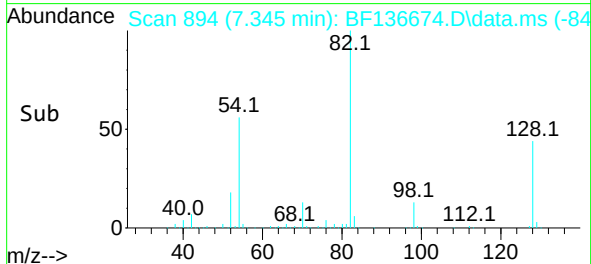
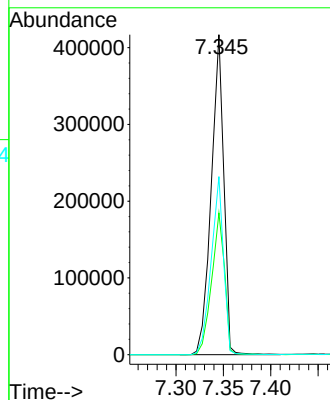
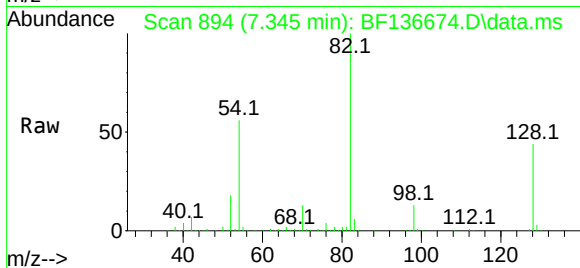
Tgt Ion: 82 Resp: 383624

Ion Ratio Lower Upper

82 100

128 44.3 35.3 52.9

54 55.7 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: BF136674.D

Acq: 21 Dec 2023 17:50

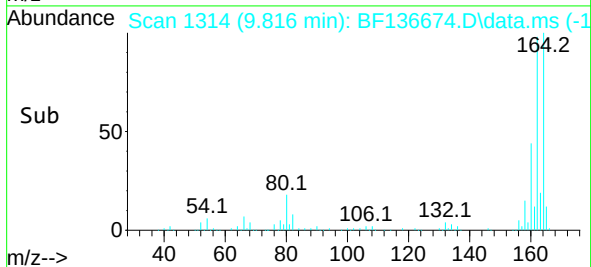
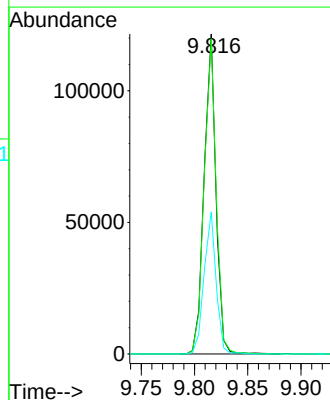
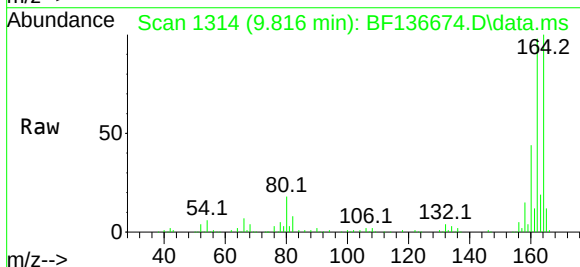
Tgt Ion:164 Resp: 93945

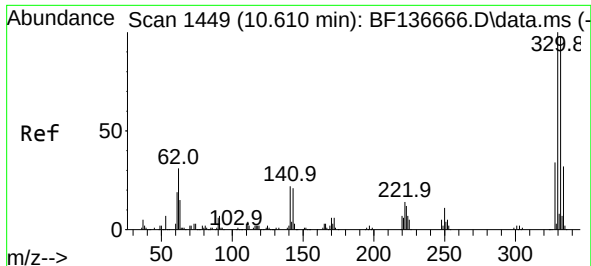
Ion Ratio Lower Upper

164 100

162 98.5 81.6 122.4

160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.702 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136674.D

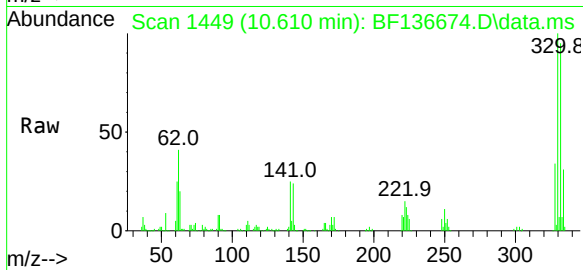
Acq: 21 Dec 2023 17:50

Instrument :

BNA_F

ClientSampleId :

72-12000



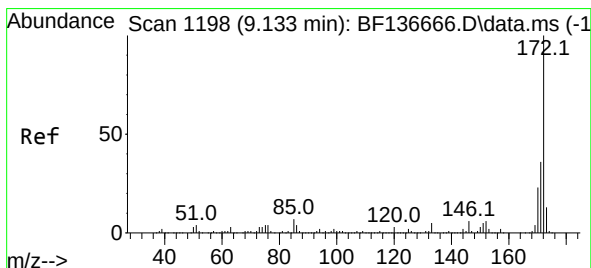
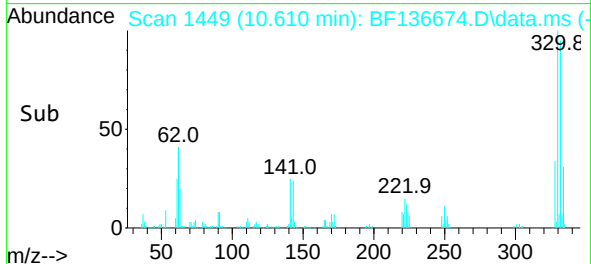
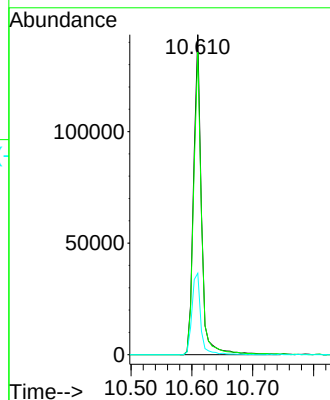
Tgt Ion:330 Resp: 128014

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.0

141 28.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 92.967 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136674.D

Acq: 21 Dec 2023 17:50

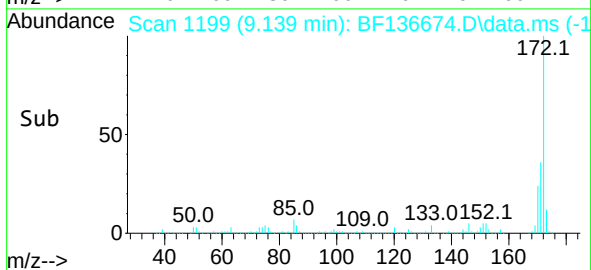
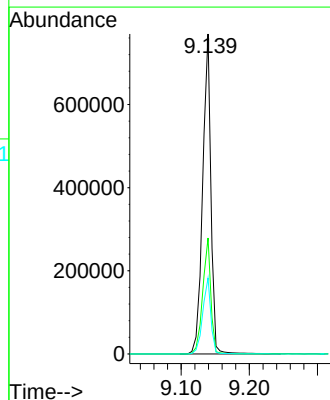
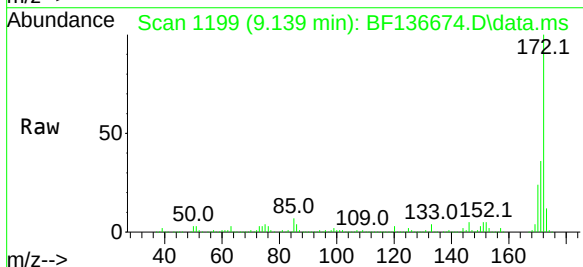
Tgt Ion:172 Resp: 649362

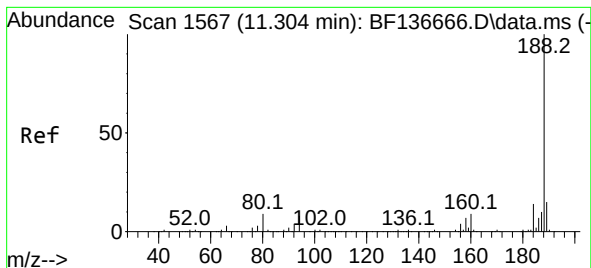
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.7 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: BF136674.D

Acq: 21 Dec 2023 17:50

Instrument :

BNA_F

ClientSampleId :

72-12000

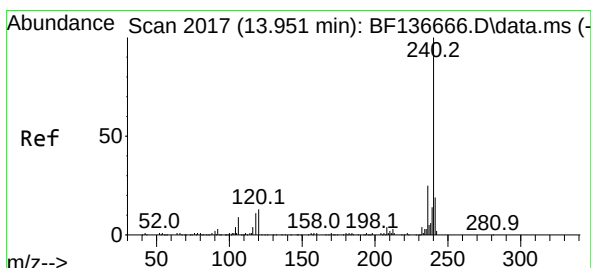
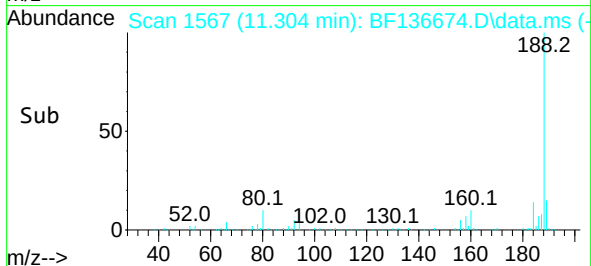
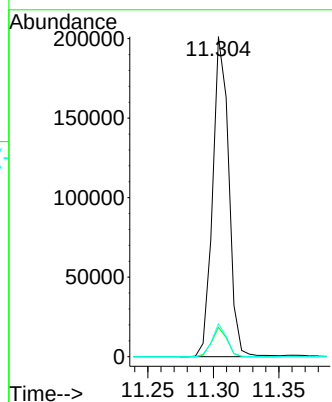
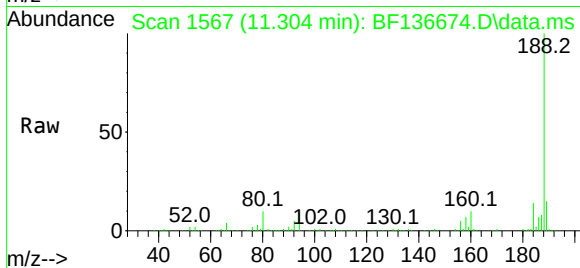
Tgt Ion:188 Resp: 171826

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 10.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136674.D

Acq: 21 Dec 2023 17:50

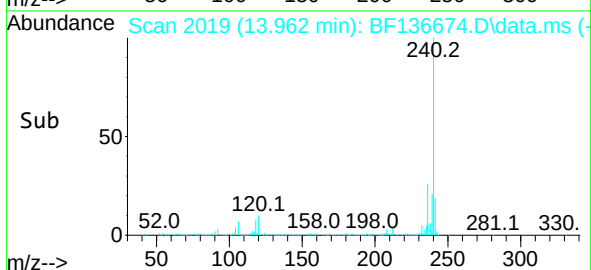
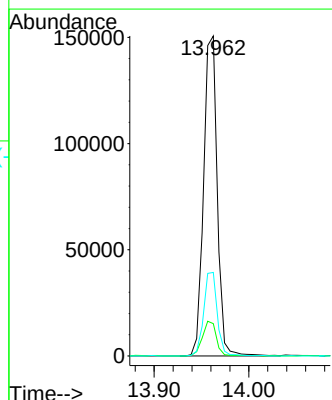
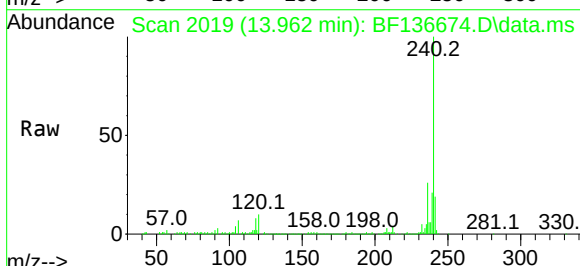
Tgt Ion:240 Resp: 150612

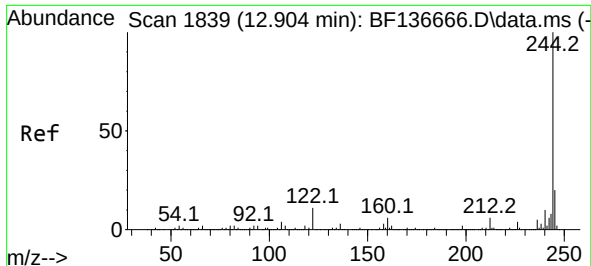
Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

236 26.1 19.4 29.2

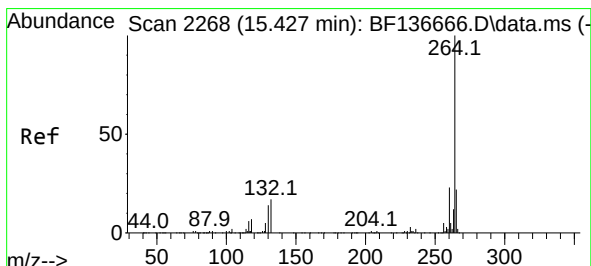
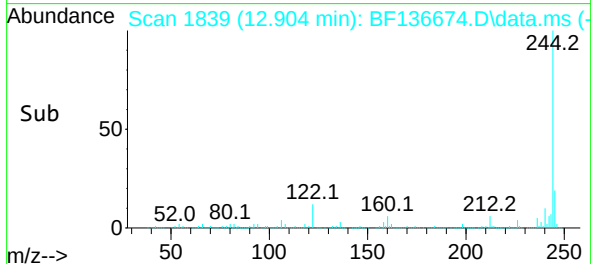
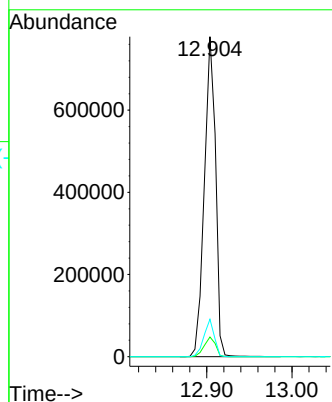
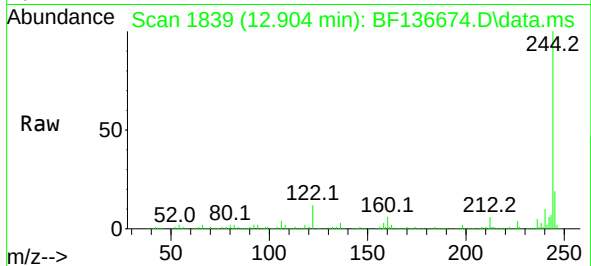




#79
 Terphenyl-d14
 Concen: 66.025 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136674.D
 Acq: 21 Dec 2023 17:50

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Tgt Ion:244 Resp: 711583
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.7 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: BF136674.D
 Acq: 21 Dec 2023 17:50

Tgt Ion:264 Resp: 117824
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 21.6 17.0 25.6

