

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112658.D
 Acq On : 21 Feb 2019 17:45
 Operator : JU/SJ
 Sample : K1538-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-A-S

Quant Time: Feb 22 02:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91239	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	359504	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	175820	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	318409	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	181424	20.00	ng	-0.01
87) Perylene-d12	15.47	264	185234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	663989	154.58	ng	-0.01
7) Phenol-d6	6.48	99	739688	123.93	ng	-0.01
23) Nitrobenzene-d5	7.39	82	627604	100.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	309570	151.27	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1244877	100.14	ng	-0.03
79) Terphenyl-d14	12.93	244	1111578	115.40	ng	-0.02

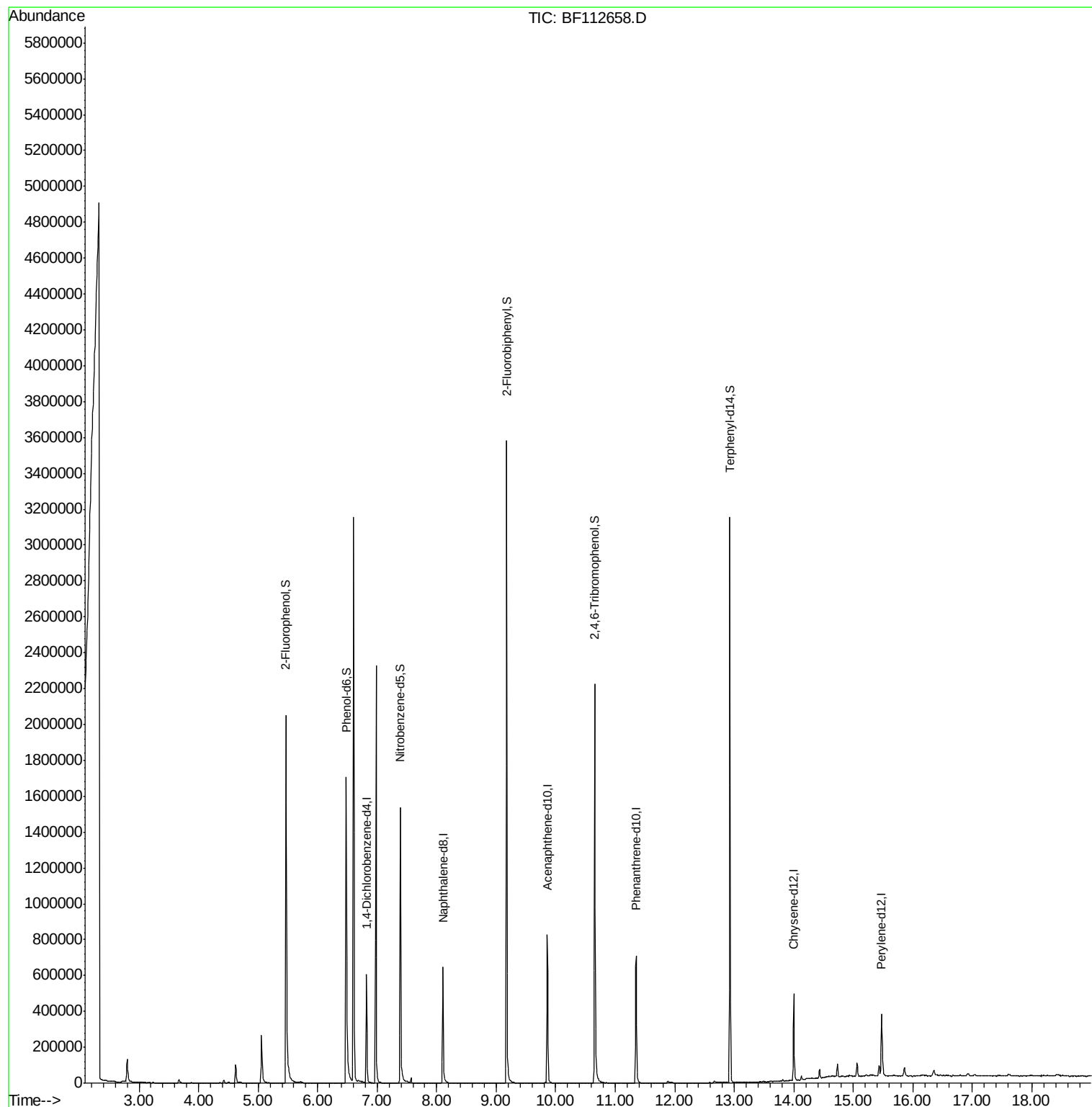
Target Compounds Qvalue

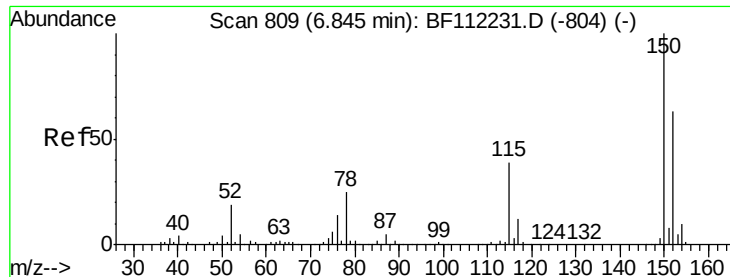
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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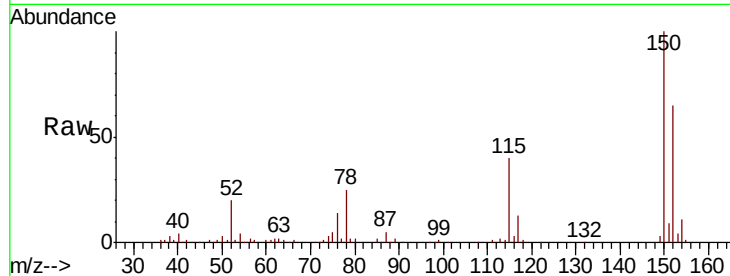


#1

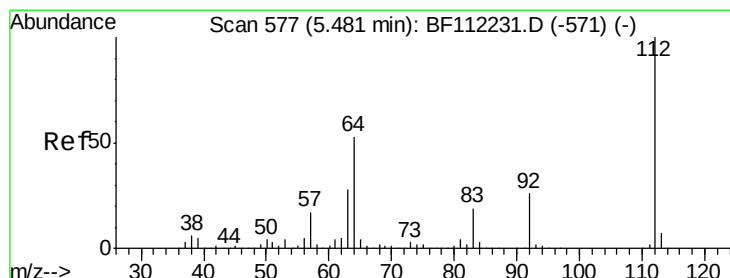
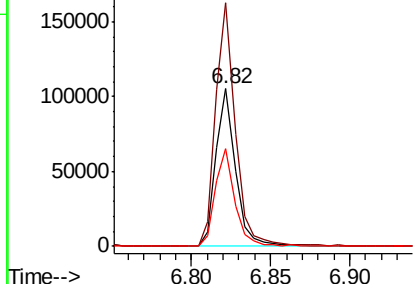
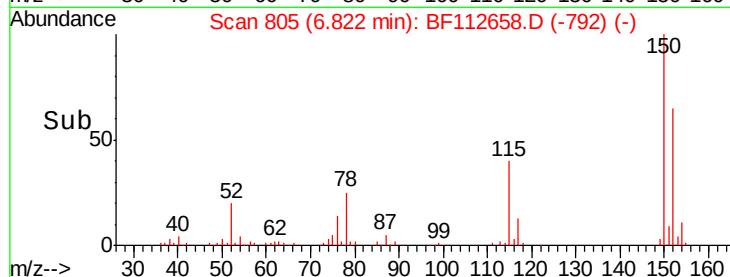
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Instrument :
BNA_F
ClientSampleId :
M-11-A-S

Tot Ion:152 Resp: 91239
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 62.4 45.5 68.3



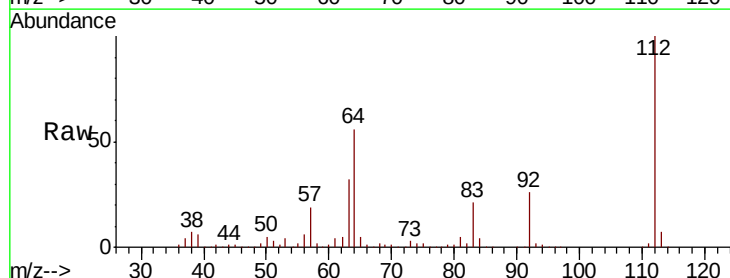
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



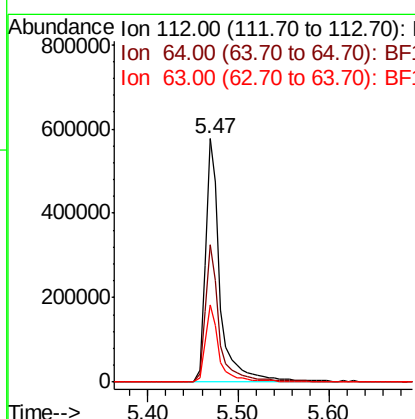
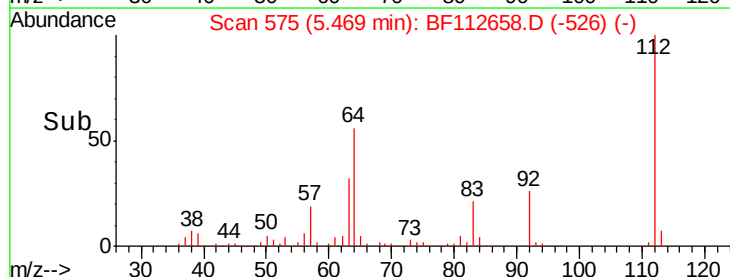
#5

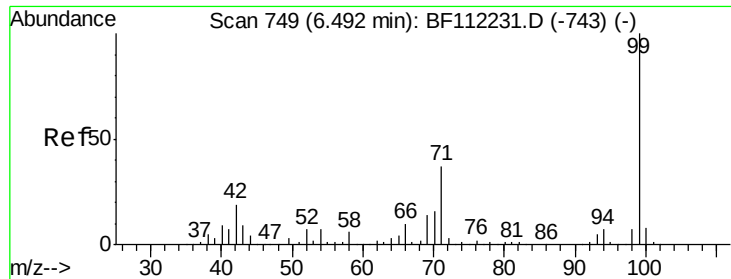
2-Fluorophenol
Concen: 154.578 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Tgt Ion:112 Resp: 663989
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 31.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.926 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

Instrument :

BNA_F

ClientSampleId :

M-11-A-S

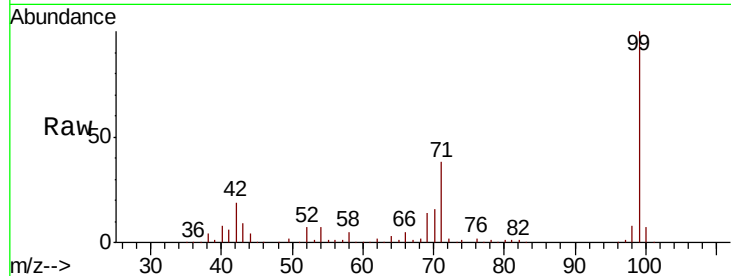
Tot Ion: 99 Resp: 739688

Ion Ratio Lower Upper

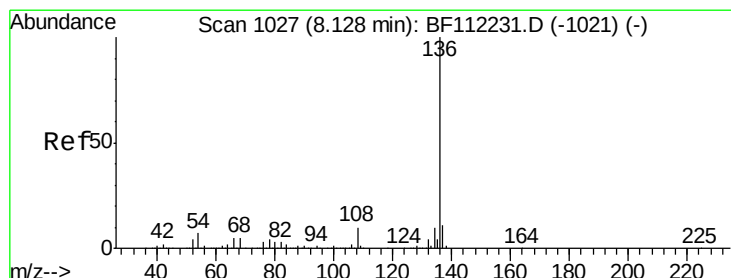
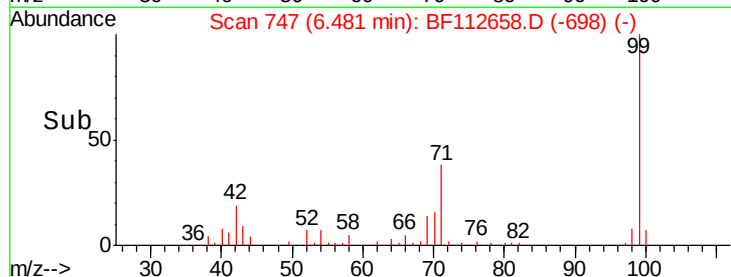
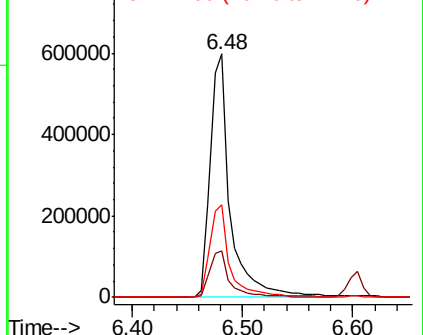
99 100

42 18.9 15.1 22.7

71 37.9 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

Tgt Ion: 136 Resp: 359504

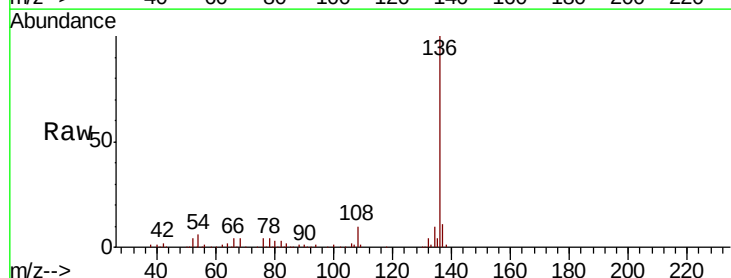
Ion Ratio Lower Upper

136 100

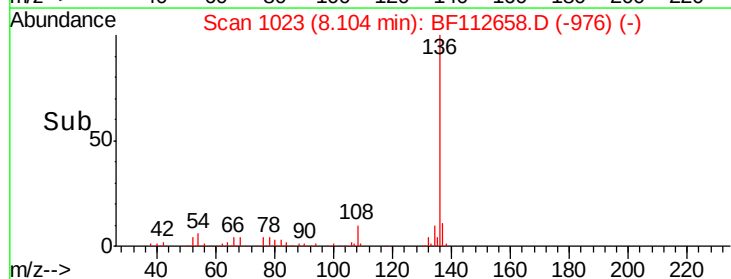
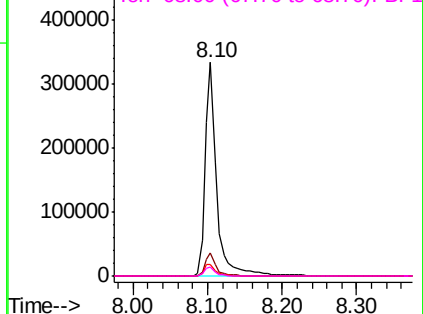
137 11.1 9.1 13.7

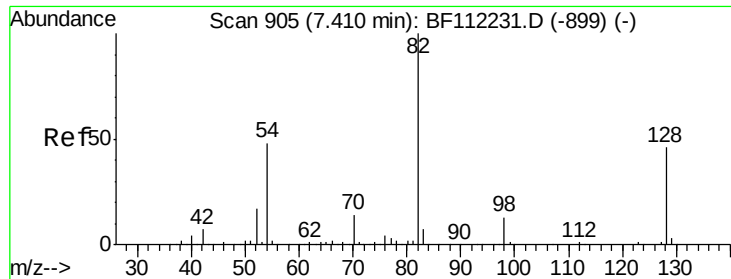
54 5.6 5.9 8.9#

68 4.1 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

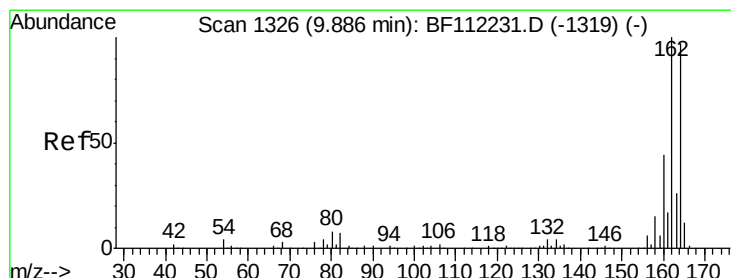
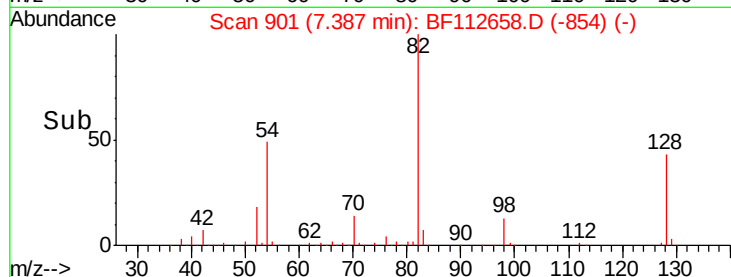
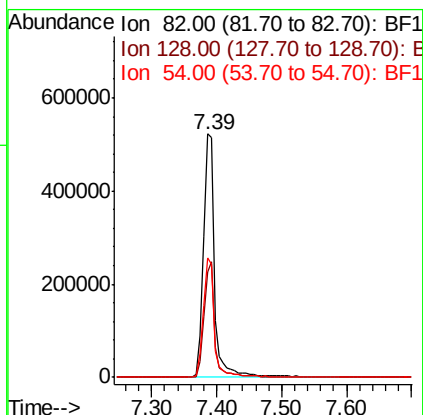
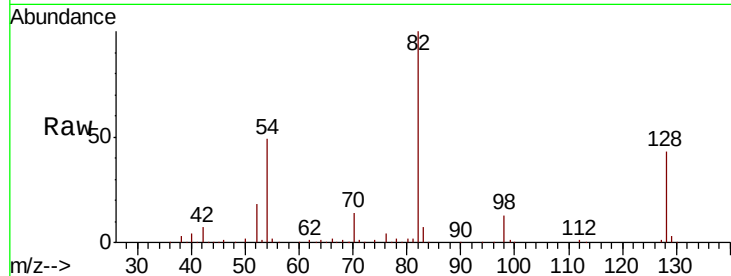




#23
Nitrobenzene-d5
Concen: 100.590 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

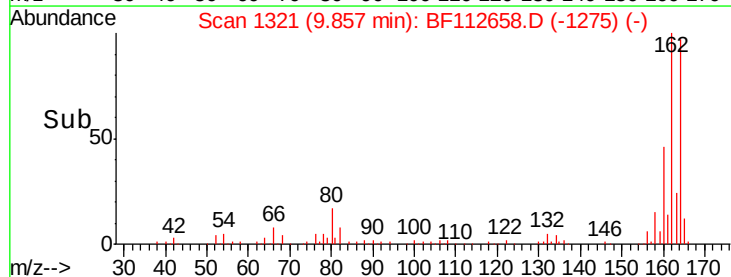
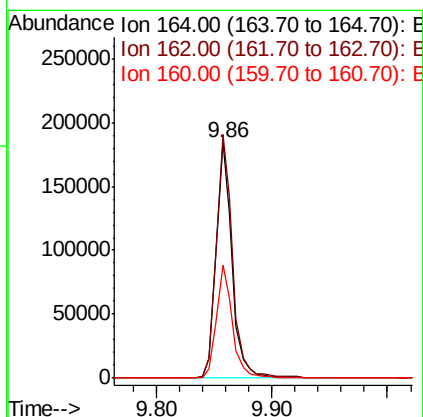
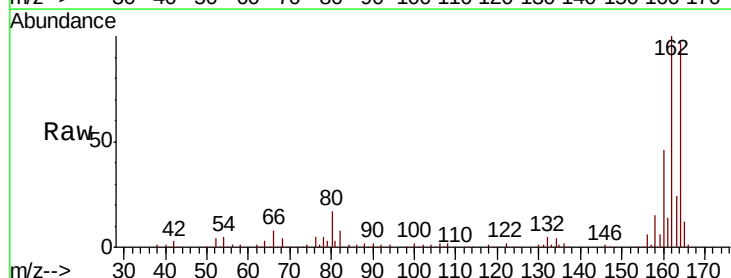
Instrument :
BNA_F
ClientSampled :
M-11-A-S

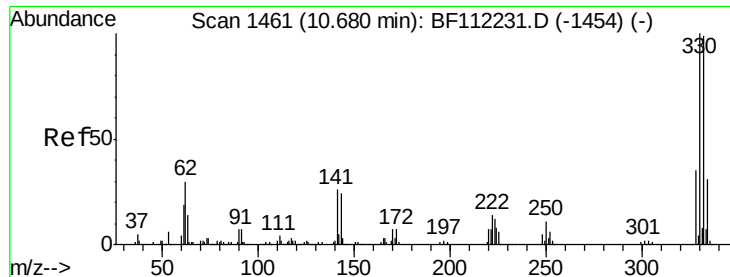
Tot Ion: 82 Resp: 627604
Ion Ratio Lower Upper
82 100
128 43.4 37.8 56.8
54 49.1 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Tgt Ion:164 Resp: 175820
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.4
160 48.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 151.268 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

Instrument :

BNA_F

ClientSampleId :

M-11-A-S

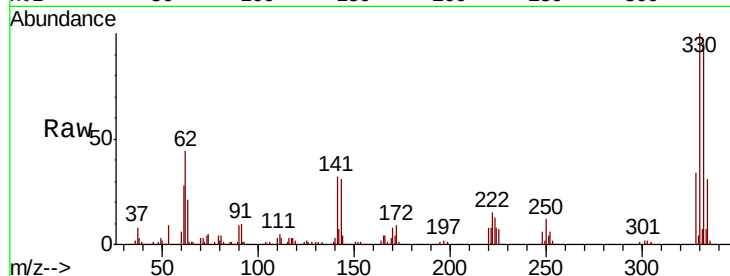
Tot Ion:330 Resp: 309570

Ion Ratio Lower Upper

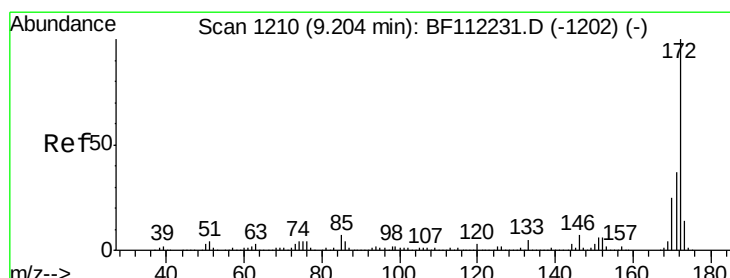
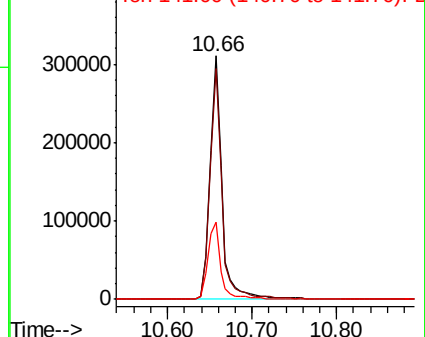
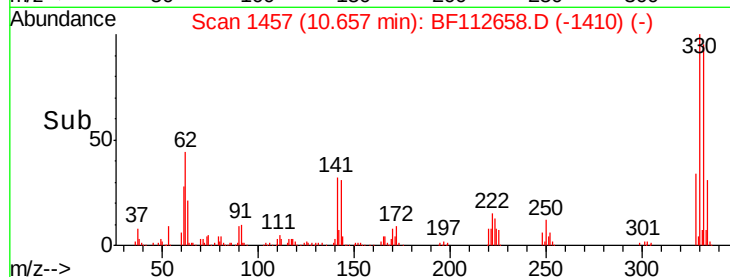
330 100

332 95.7 76.6 114.8

141 34.1 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 100.141 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

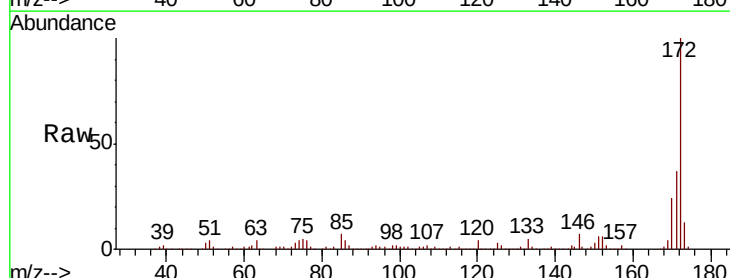
Tgt Ion:172 Resp: 1244877

Ion Ratio Lower Upper

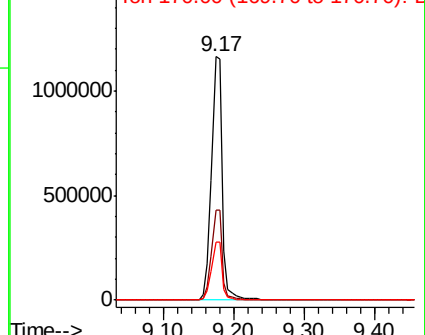
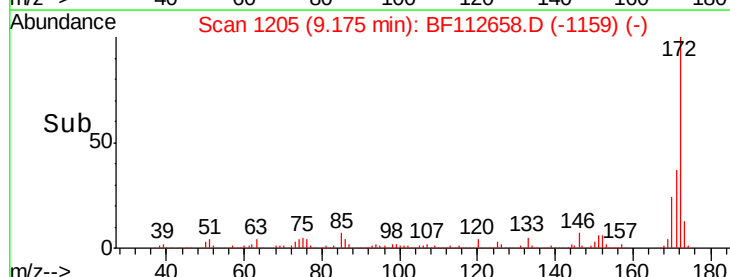
172 100

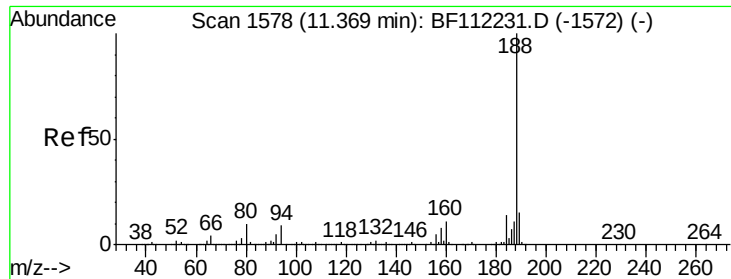
171 36.8 30.5 45.7

170 23.8 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

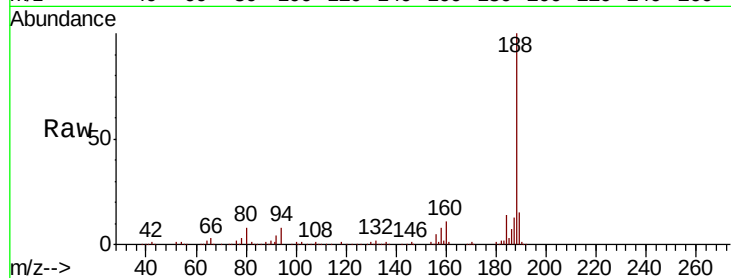




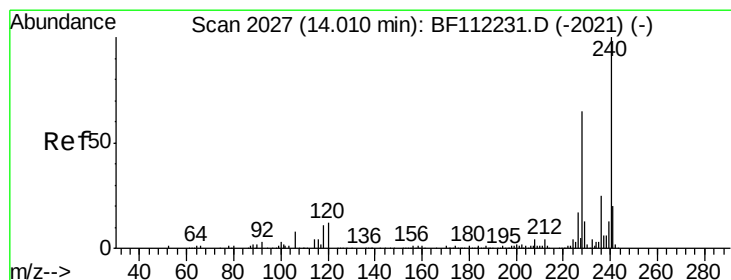
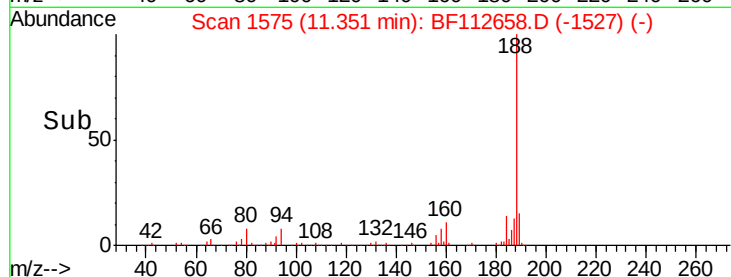
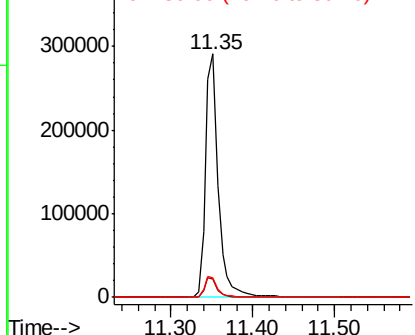
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Instrument :
BNA_F
ClientSampleId :
M-11-A-S

Tot Ion:188 Resp: 318409
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 8.3 8.9 13.3#

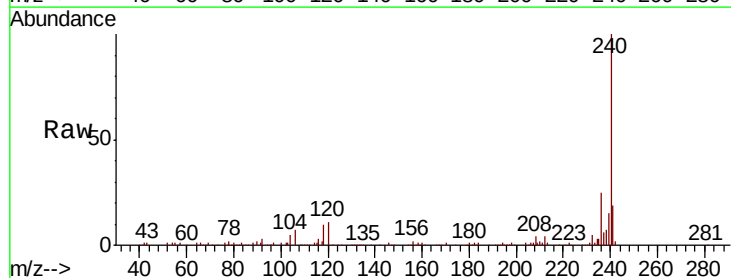


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

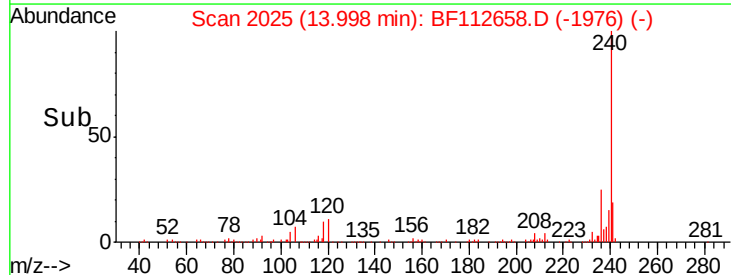
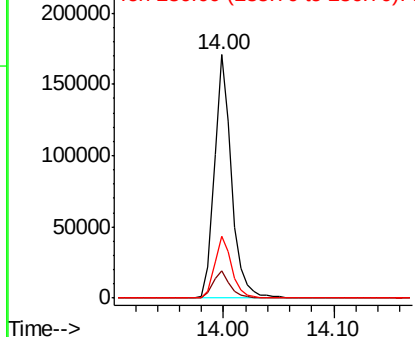


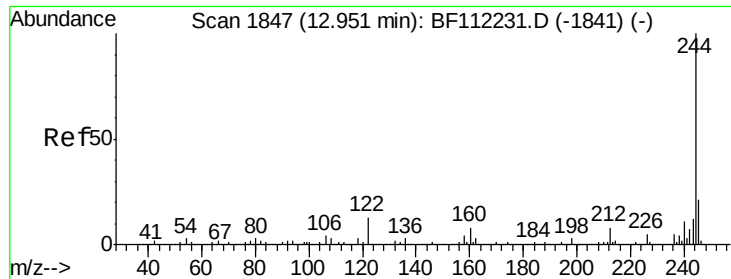
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Tgt Ion:240 Resp: 181424
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

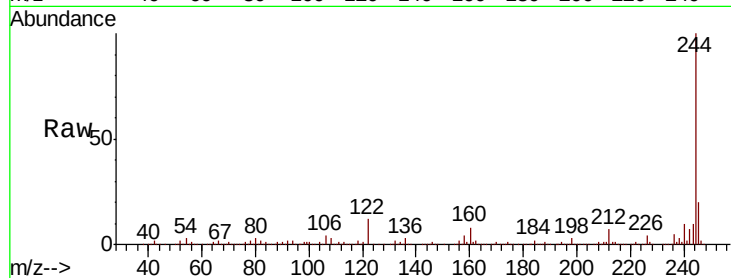




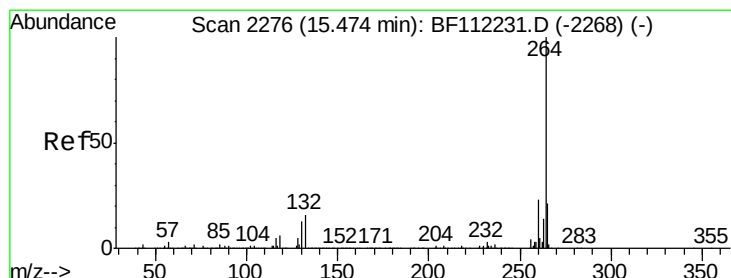
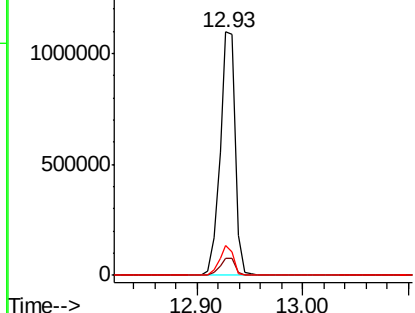
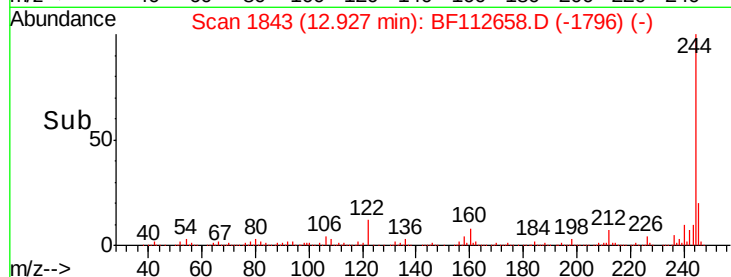
#79
 Terphenyl-d14
 Concen: 115.398 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Instrument :
 BNA_F
 ClientSampled :
 M-11-A-S

Tot Ion:244 Resp: 1111578
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.4 9.8 14.6

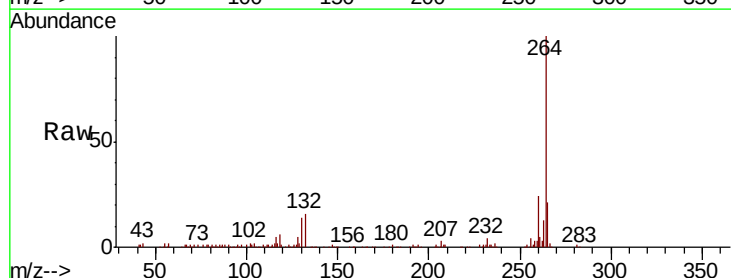


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Tgt Ion:264 Resp: 185234
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 20.8 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

