

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112599.D
 Acq On : 18 Feb 2019 14:25
 Operator : JU/SJ
 Sample : K1508-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-12-S

Quant Time: Feb 18 15:16:34 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

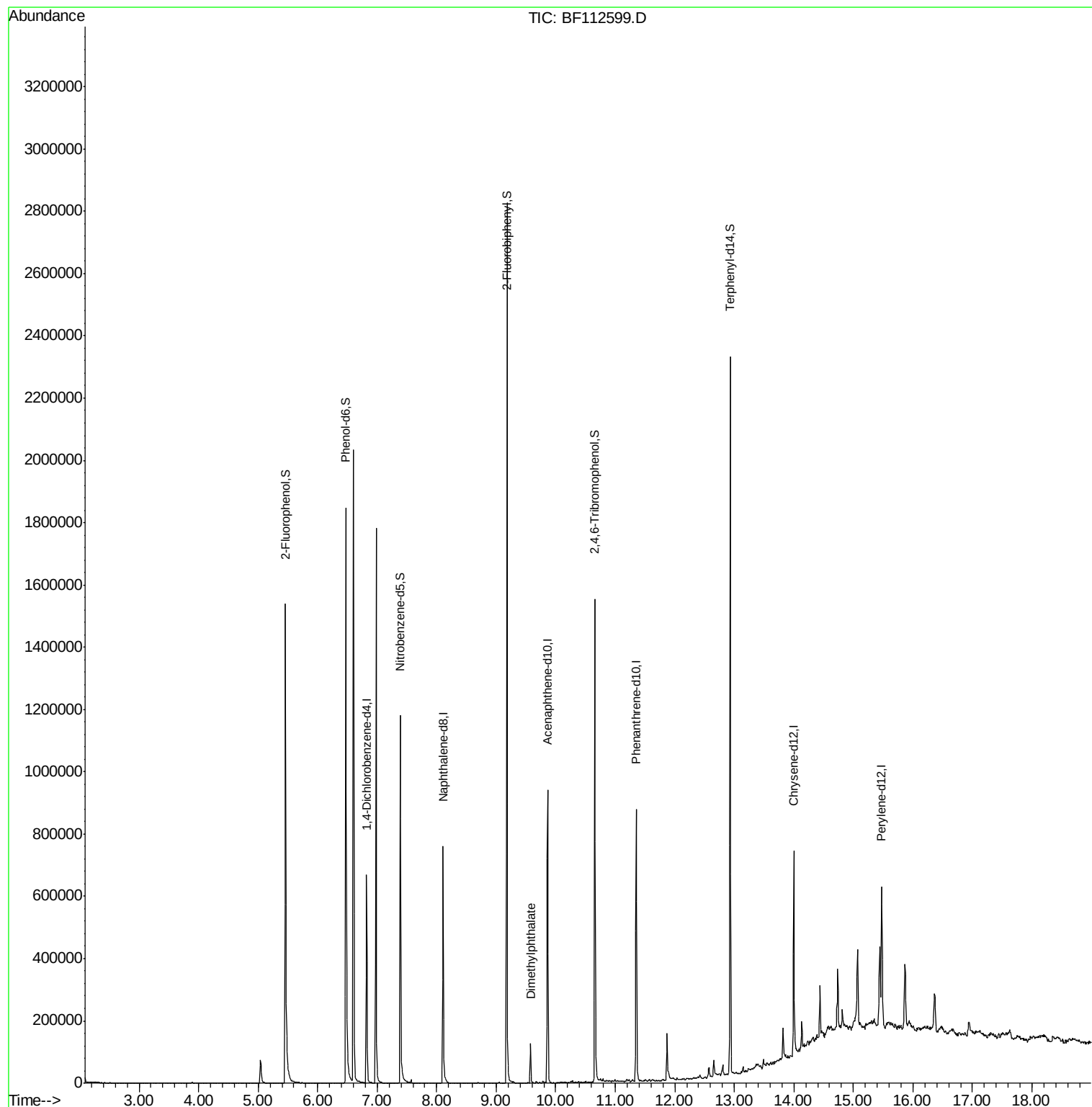
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98261	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	391446	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	185863	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	332307	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	216228	20.00	ng	-0.01
87) Perylene-d12	15.47	264	210015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	517662	111.90	ng	-0.02
7) Phenol-d6	6.47	99	655457	101.97	ng	-0.02
23) Nitrobenzene-d5	7.39	82	412421	60.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	191726	88.62	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	863854	65.74	ng	-0.02
79) Terphenyl-d14	12.93	244	737983	64.28	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	54821	3.796	ng	Qvalue 100

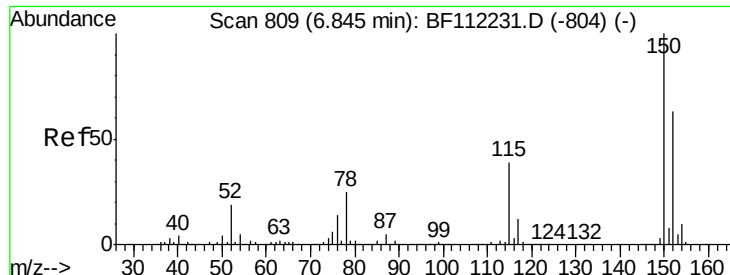
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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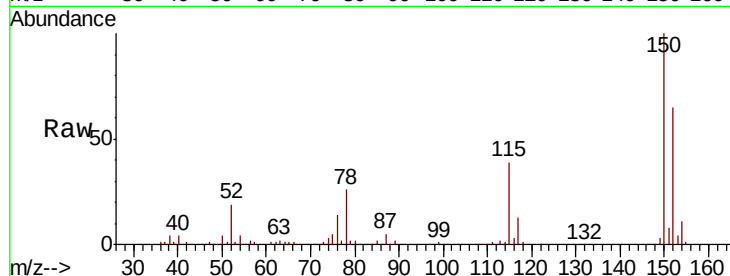


#1

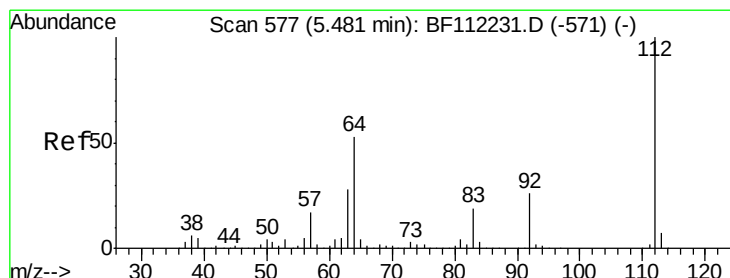
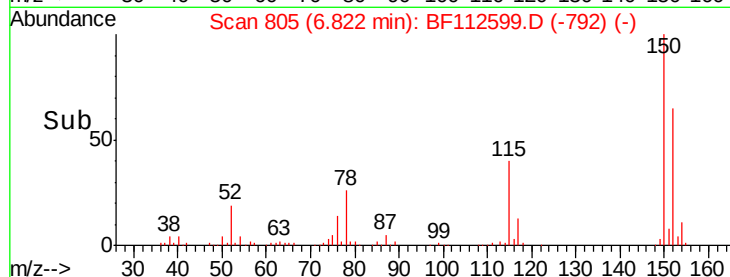
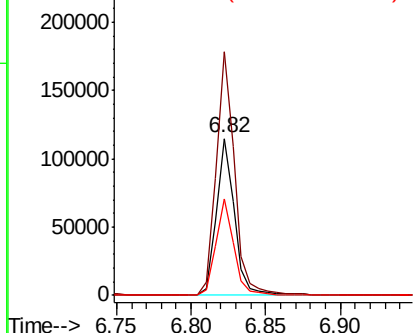
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Instrument :
BNA_F
ClientSampleId :
M-12-S

Tot Ion:152 Resp: 98261
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 61.1 45.5 68.3



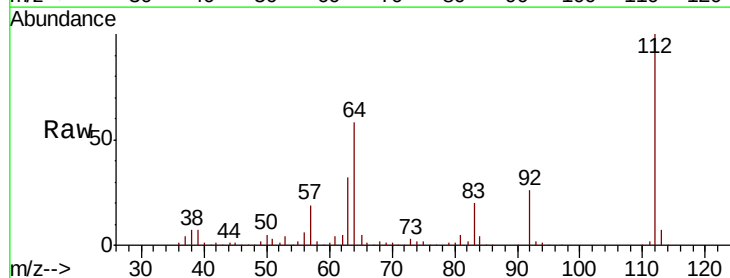
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



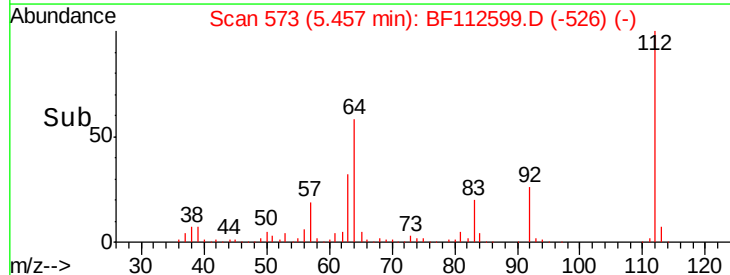
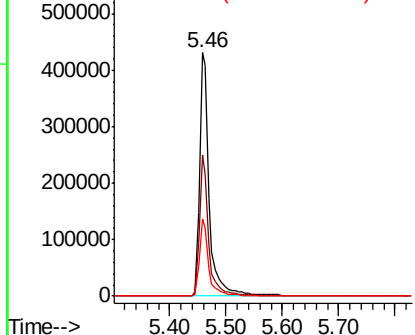
#5

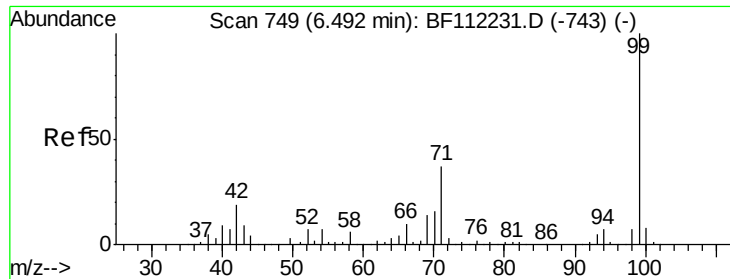
2-Fluorophenol
Concen: 111.901 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Tgt Ion:112 Resp: 517662
Ion Ratio Lower Upper
112 100
64 58.2 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: 101.966 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

M-12-S

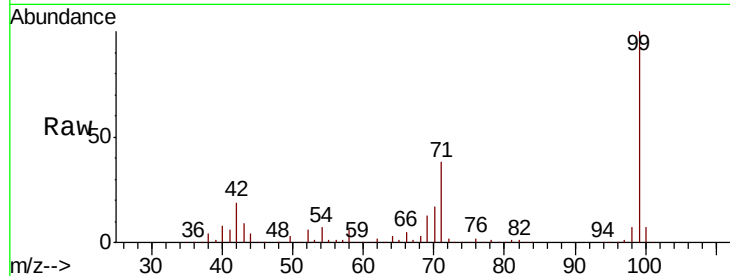
Tot Ion: 99 Resp: 655457

Ion Ratio Lower Upper

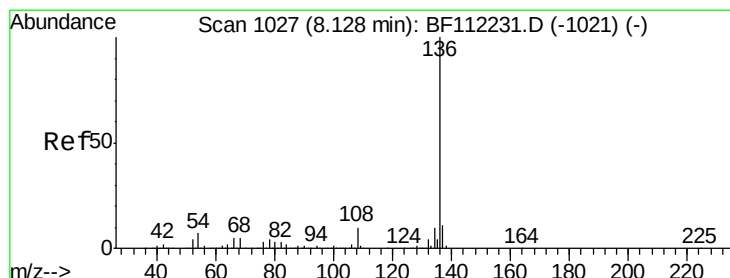
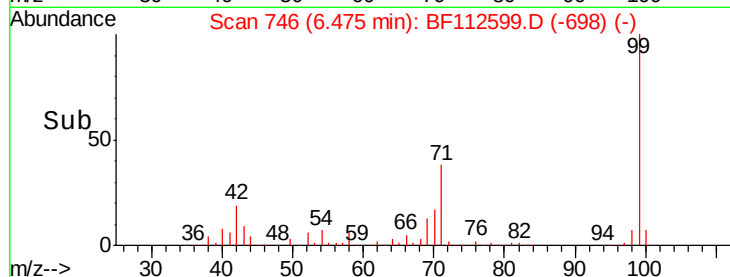
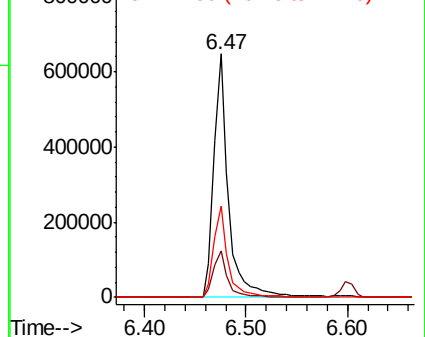
99 100

42 19.3 15.1 22.7

71 37.5 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: BF112599.D

Acq: 18 Feb 2019 14:25

Tgt Ion: 136 Resp: 391446

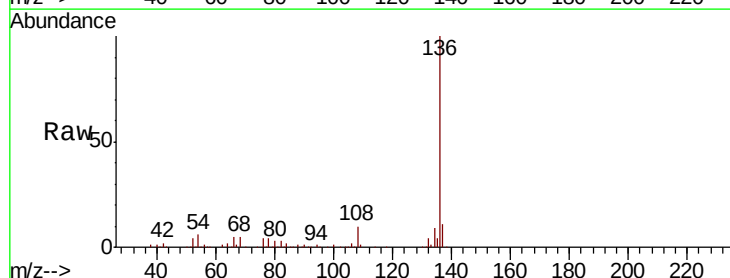
Ion Ratio Lower Upper

136 100

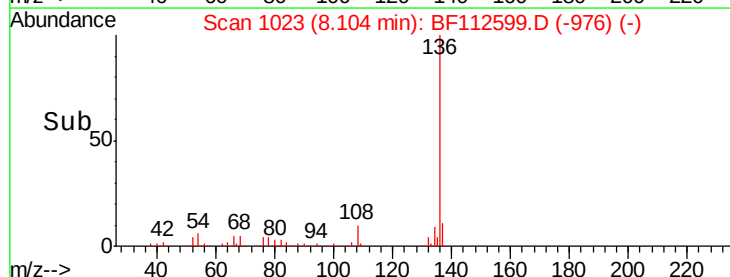
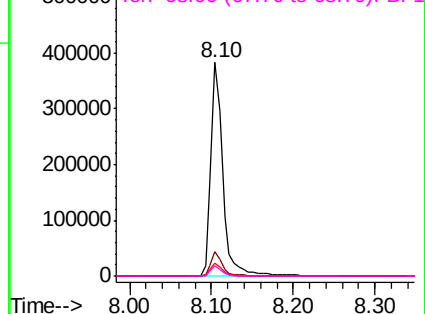
137 11.2 9.1 13.7

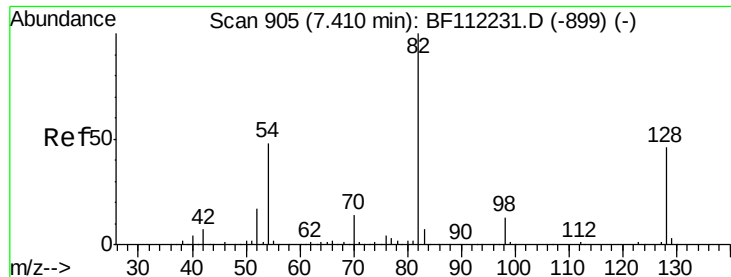
54 6.2 5.9 8.9

68 4.6 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

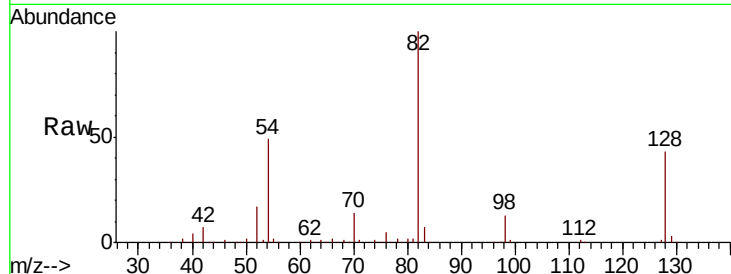




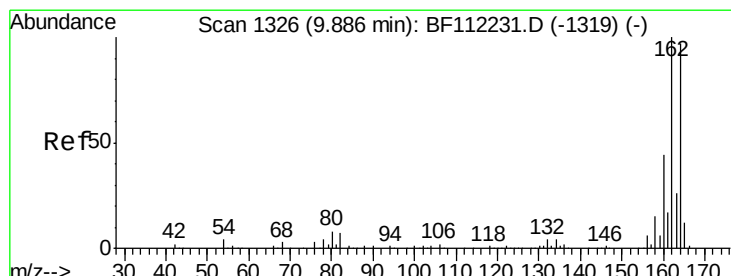
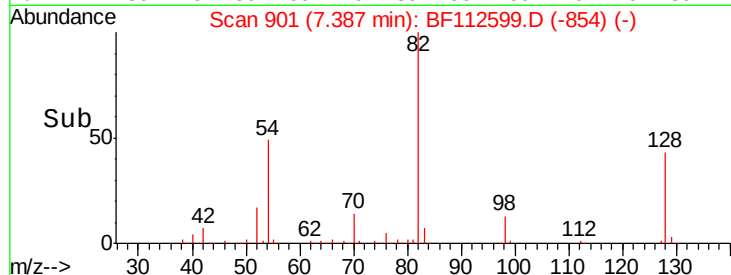
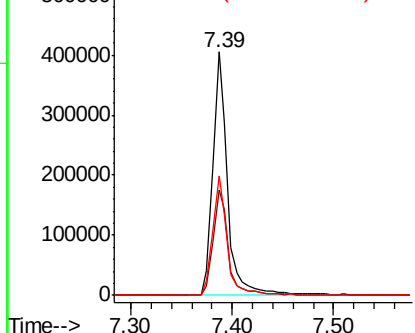
#23
 Nitrobenzene-d5
 Concen: 60.707 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 M-12-S

Tot Ion: 82 Resp: 412421
 Ion Ratio Lower Upper
 82 100
 128 43.3 37.8 56.8
 54 49.1 39.7 59.5

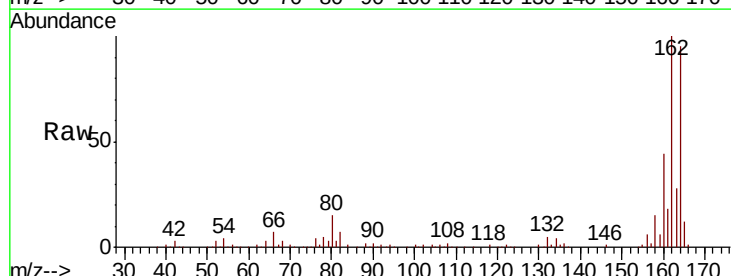


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

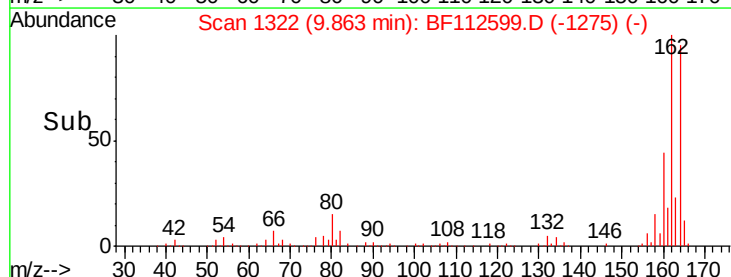
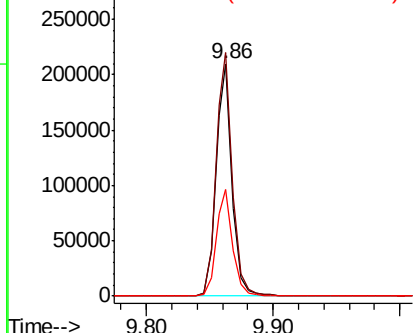


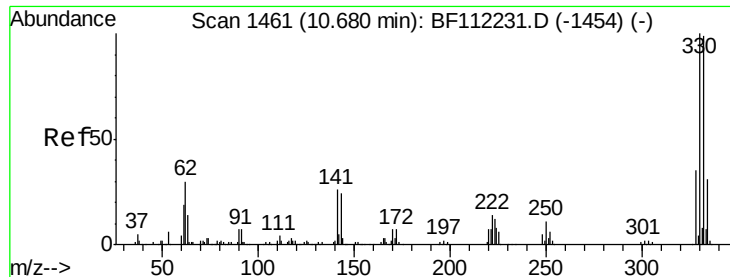
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Tgt Ion: 164 Resp: 185863
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.2 123.4
 160 45.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 88.623 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

M-12-S

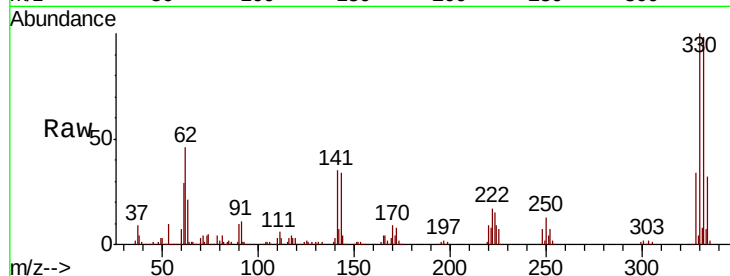
Tot Ion:330 Resp: 191726

Ion Ratio Lower Upper

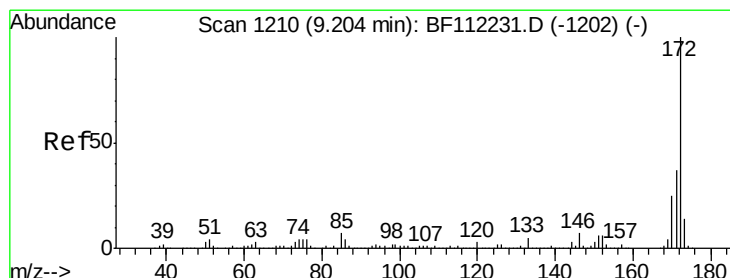
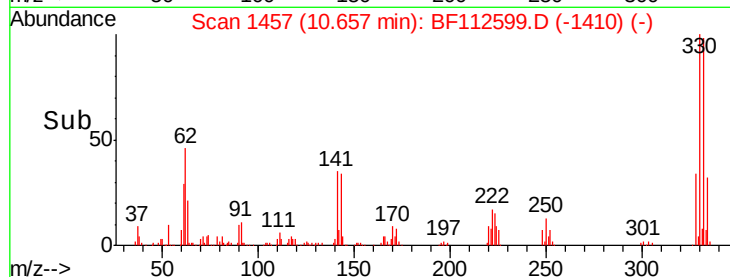
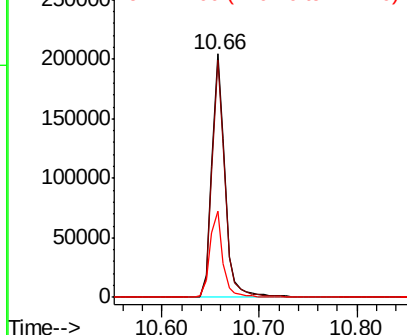
330 100

332 96.4 76.6 114.8

141 35.1 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: 65.736 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

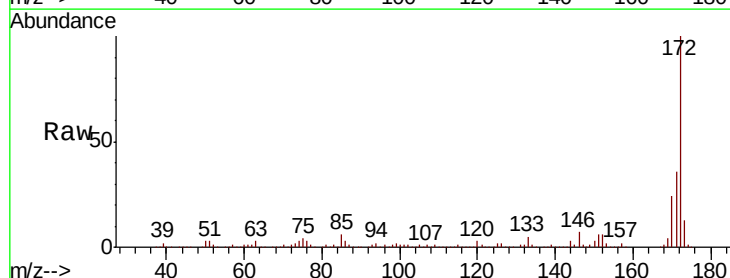
Tgt Ion:172 Resp: 863854

Ion Ratio Lower Upper

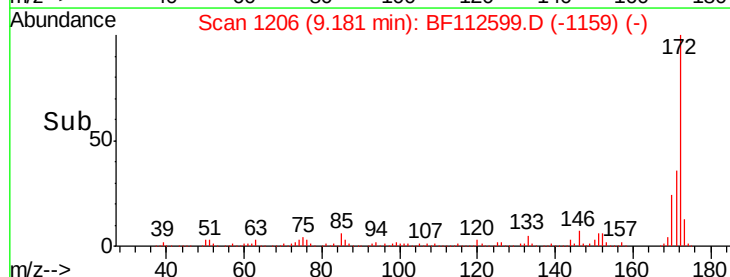
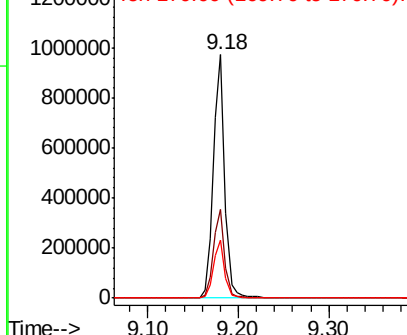
172 100

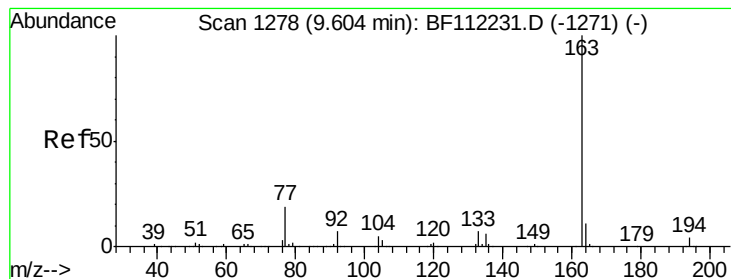
171 36.2 30.5 45.7

170 24.0 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





#50

Dimethylphthalate

Concen: 3.796 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

M-12-S

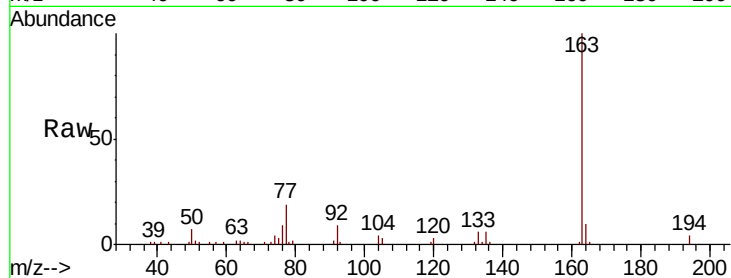
Tot Ion:163 Resp: 54821

Ion Ratio Lower Upper

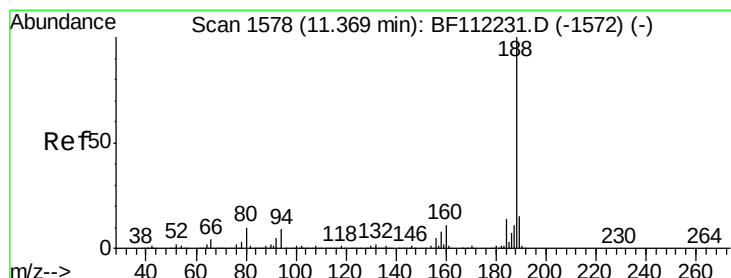
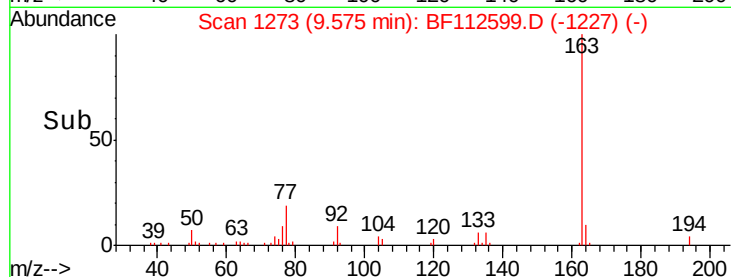
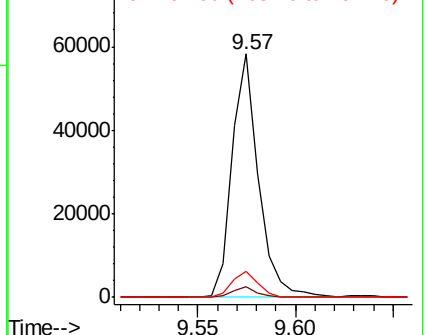
163 100

194 4.2 3.3 4.9

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

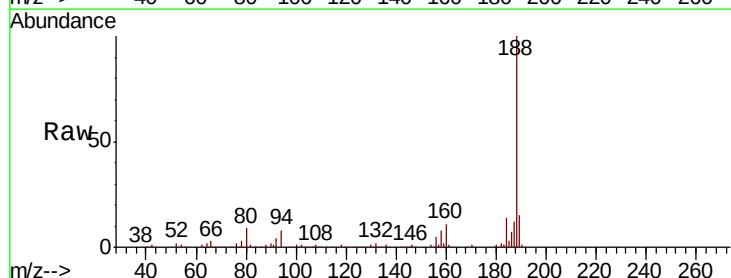
Tgt Ion:188 Resp: 332307

Ion Ratio Lower Upper

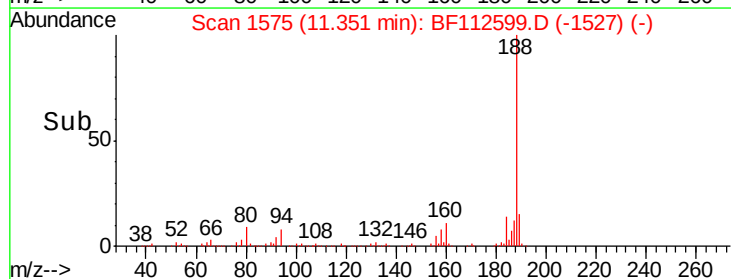
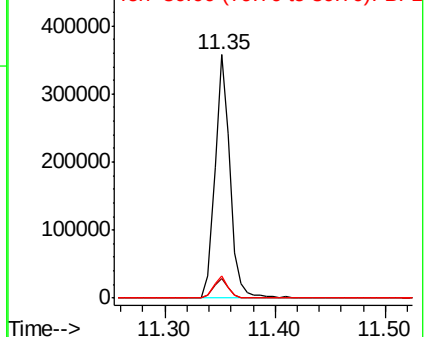
188 100

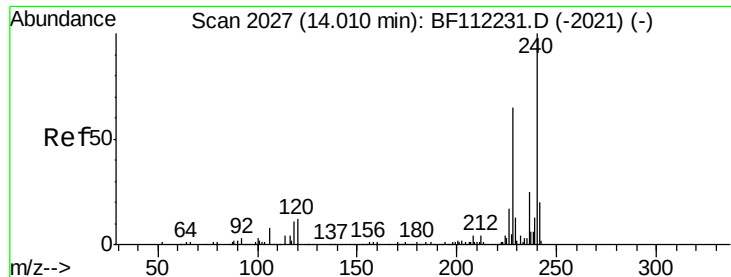
94 8.1 8.2 12.2#

80 8.9 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

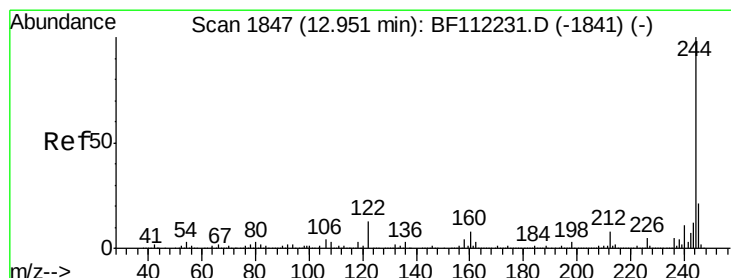
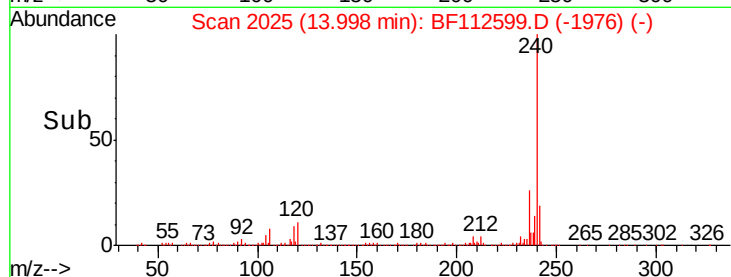
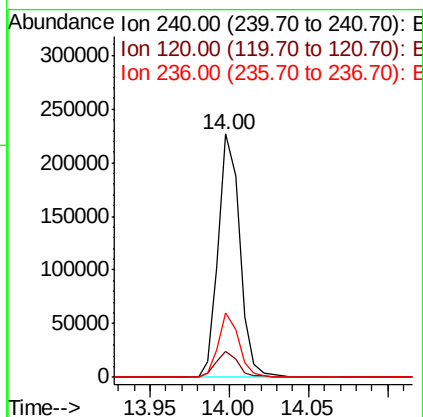
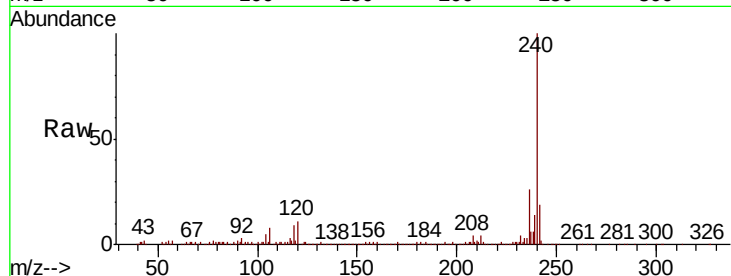




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

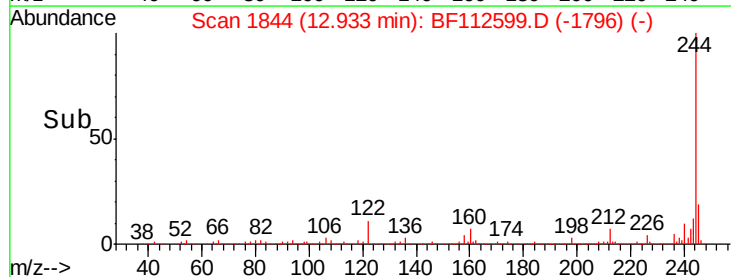
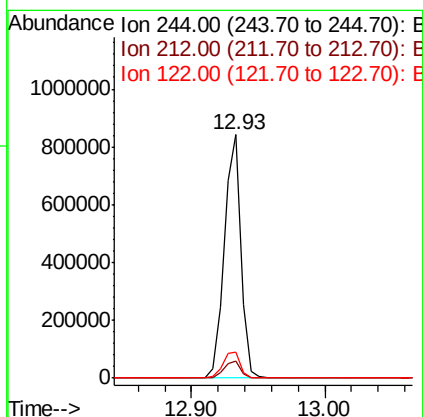
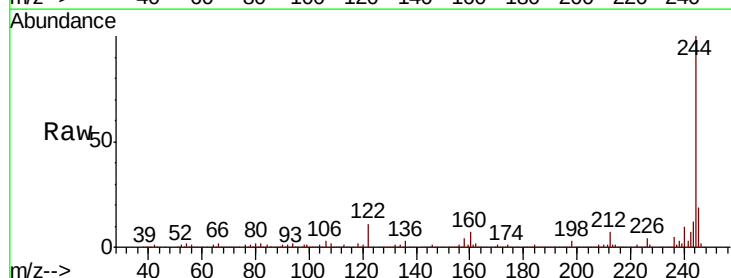
Instrument :
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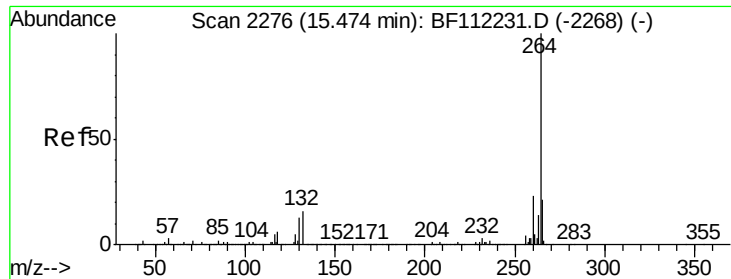
Tot Ion:240 Resp: 216228
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.6
 236 26.3 20.7 31.1



#79
 Terphenyl-d14
 Concen: 64.282 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Tgt Ion:244 Resp: 737983
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.5 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Instrument :
BNA_F
ClientSampleId :
M-12-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	21.5	17.0	25.4

