

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112452.D
 Acq On : 7 Feb 2019 21:38
 Operator : JU/SJ
 Sample : K1390-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPE-X

Quant Time: Feb 09 03:55:41 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

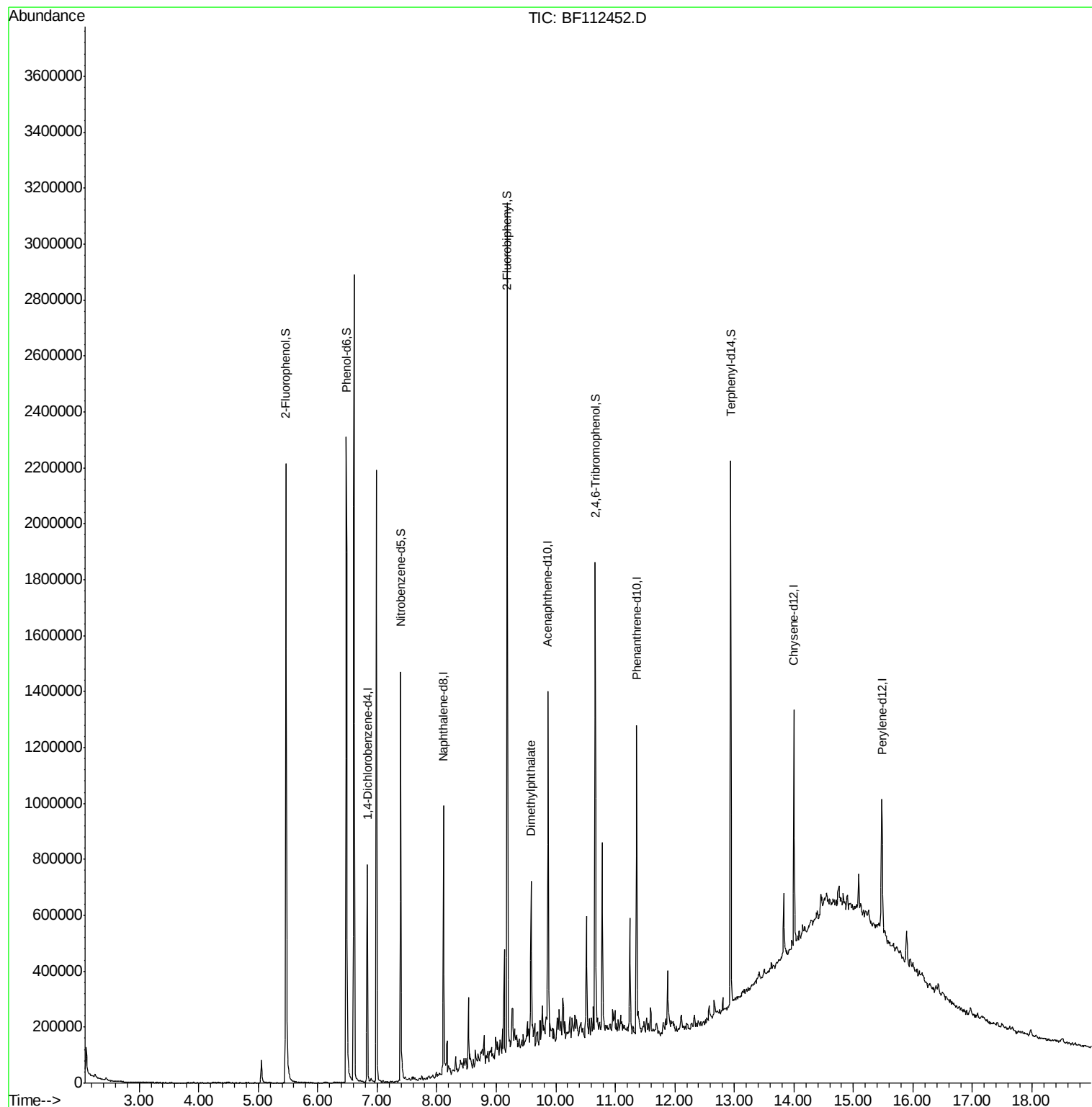
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	129130	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	495918	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	227440	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	378709	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	287792	20.00	ng	0.00
87) Perylene-d12	15.48	264	243688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	665539	109.47	ng	-0.01
7) Phenol-d6	6.48	99	841170	99.57	ng	-0.01
23) Nitrobenzene-d5	7.39	82	512888	59.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	211030	79.71	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	905464	56.31	ng	-0.02
79) Terphenyl-d14	12.94	244	669101	43.79	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	64226	3.635	ng	Qvalue # 97

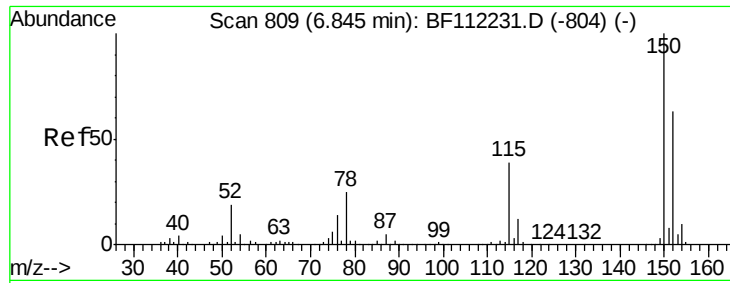
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampleId :

DUPE-X

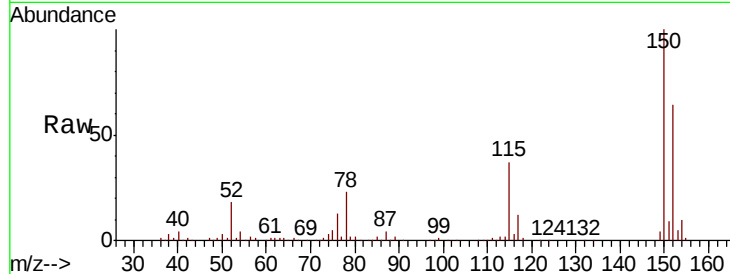
Tot Ion:152 Resp: 129130

Ion Ratio Lower Upper

152 100

150 155.1 127.4 191.0

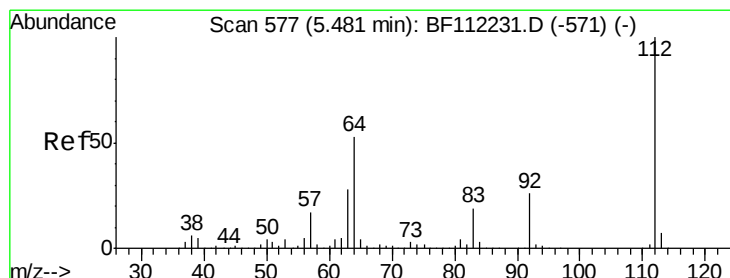
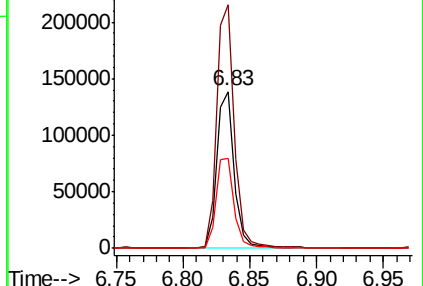
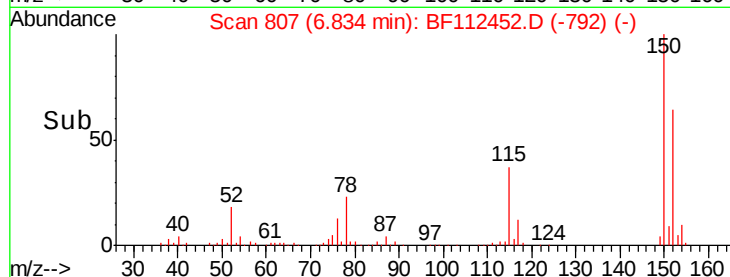
115 57.0 45.5 68.3



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: 109.475 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

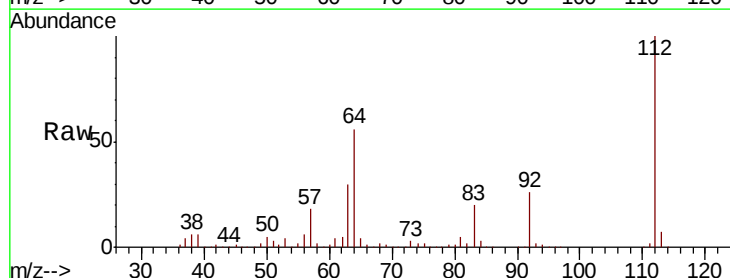
Tgt Ion:112 Resp: 665539

Ion Ratio Lower Upper

112 100

64 56.0 45.7 68.5

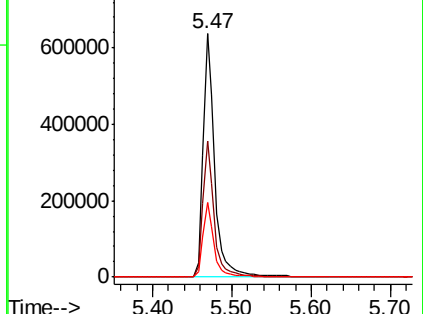
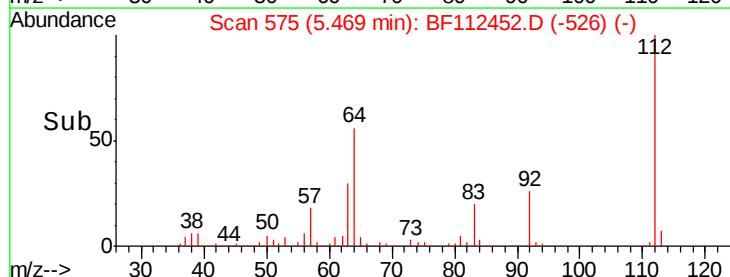
63 30.5 23.6 35.4



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: 99.575 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampled :

DUPE-X

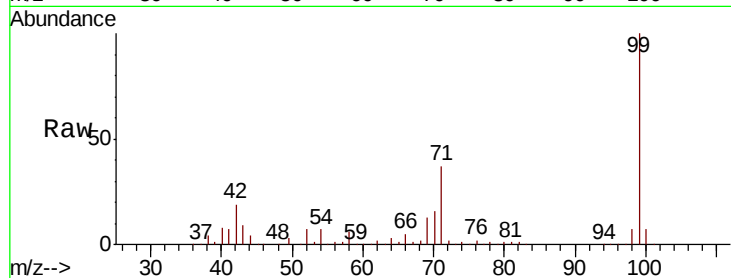
Tot Ion: 99 Resp: 841170

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

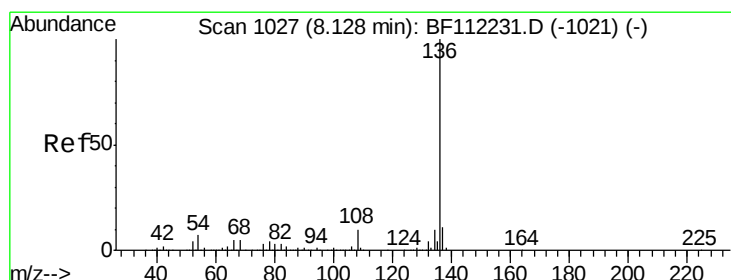
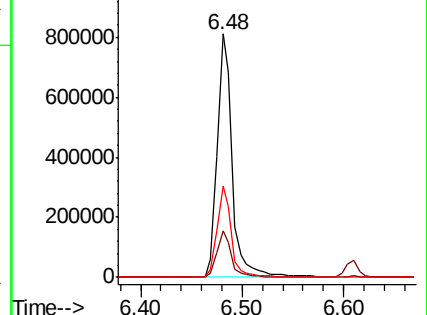
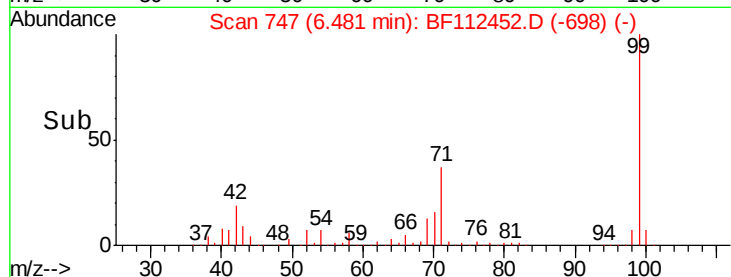
71 37.3 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Tgt Ion: 136 Resp: 495918

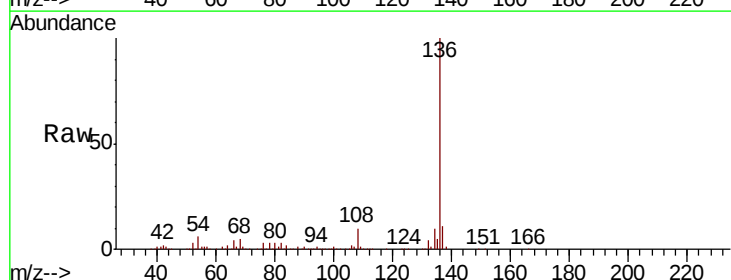
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9

68 4.7 5.1 7.7#

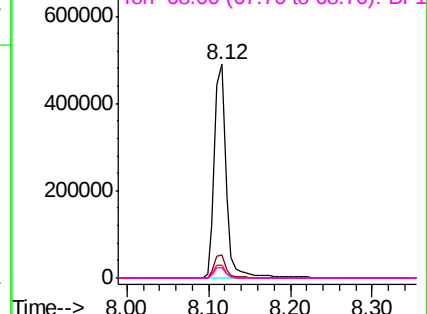
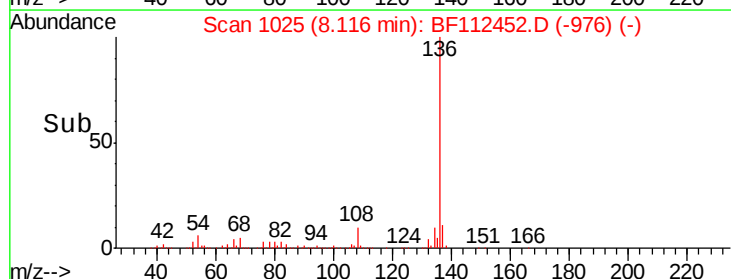


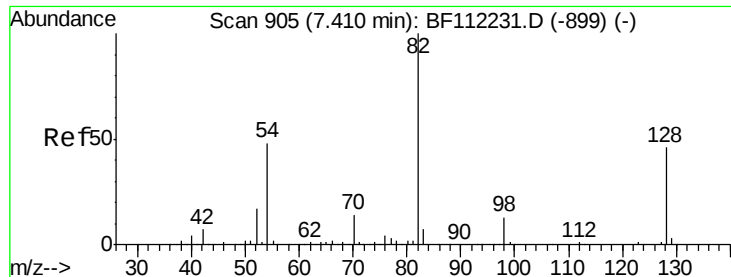
Abundance Ion 136.00 (135.70 to 136.70): E

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

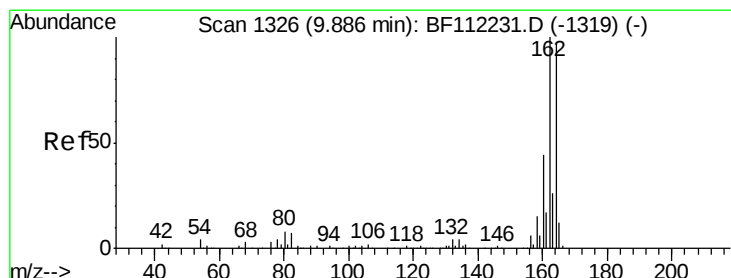
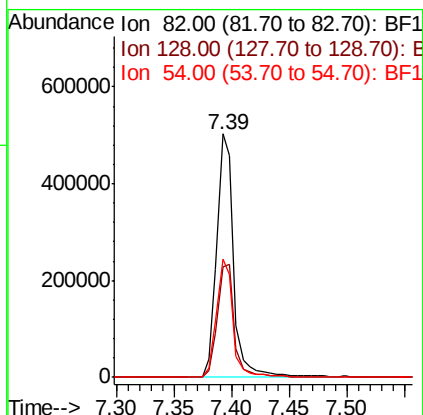
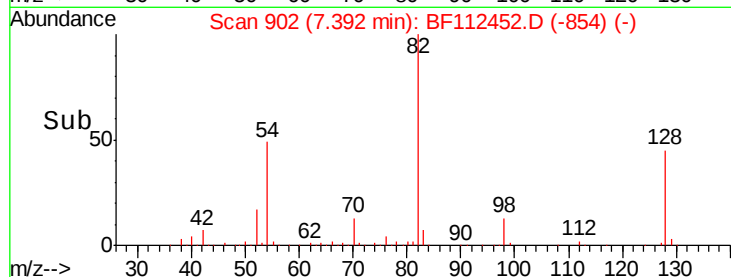
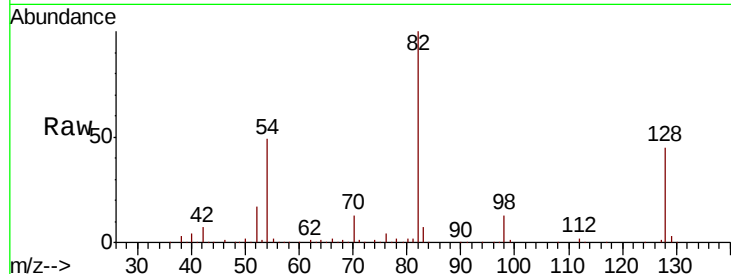




#23
Nitrobenzene-d5
Concen: 59.591 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

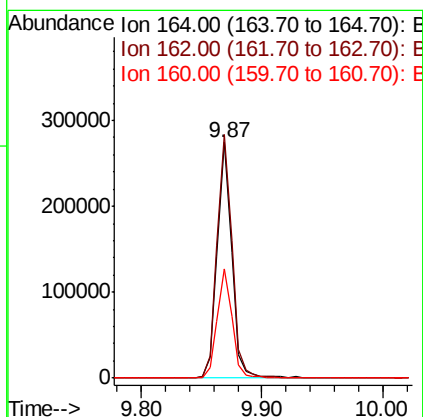
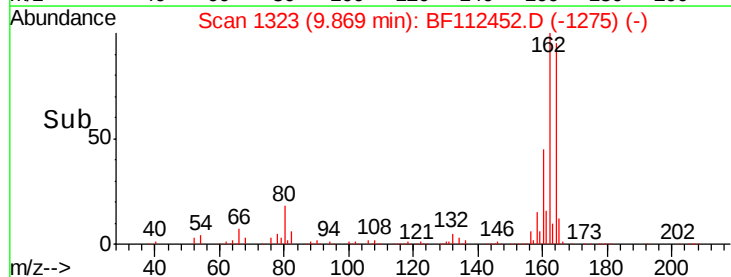
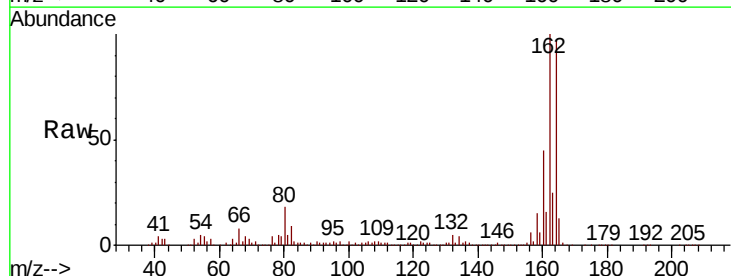
Instrument :
BNA_F
ClientSampleId :
DUPE-X

Tot Ion: 82 Resp: 512888
Ion Ratio Lower Upper
82 100
128 45.1 37.8 56.8
54 48.7 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Tgt Ion: 164 Resp: 227440
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 46.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 79.714 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampleId :

DUPE-X

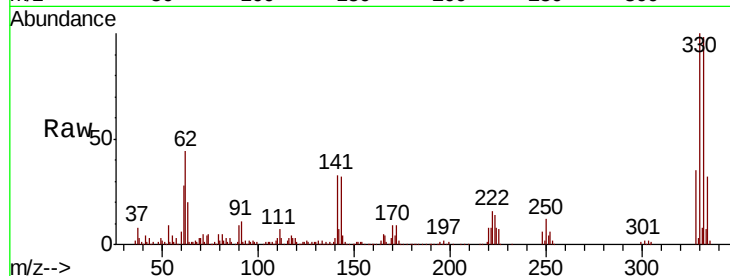
Tot Ion:330 Resp: 211030

Ion Ratio Lower Upper

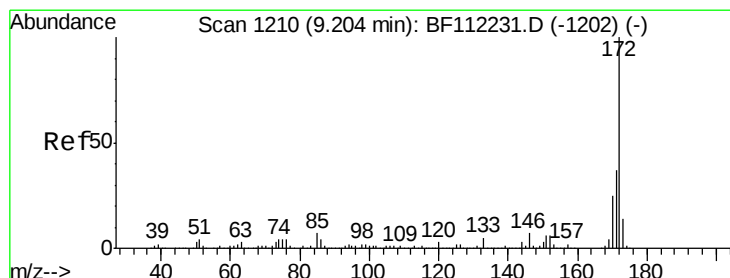
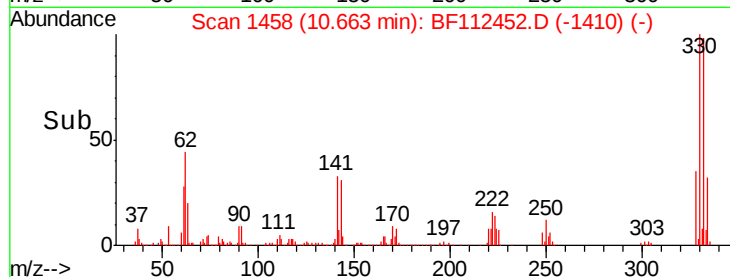
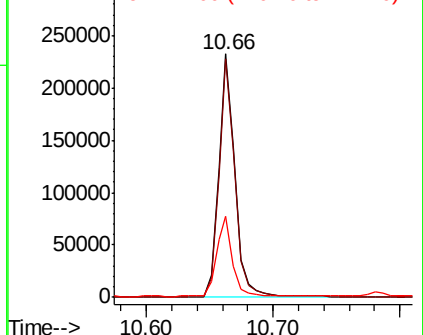
330 100

332 96.7 76.6 114.8

141 32.7 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: 56.306 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

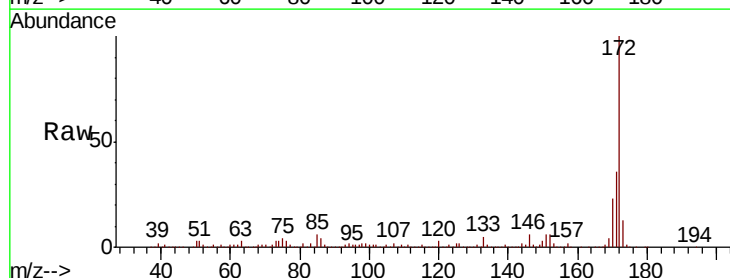
Tgt Ion:172 Resp: 905464

Ion Ratio Lower Upper

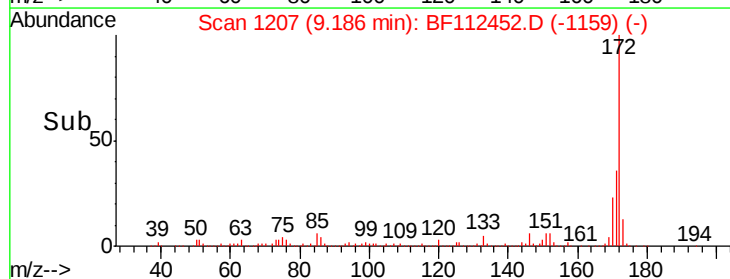
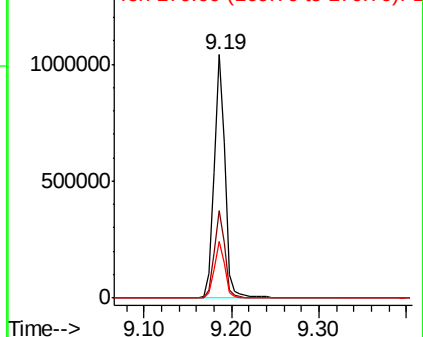
172 100

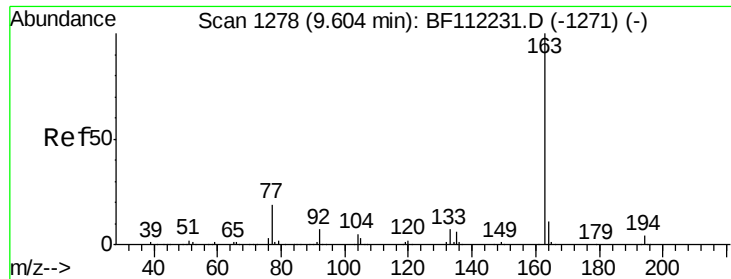
171 36.0 30.5 45.7

170 23.4 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

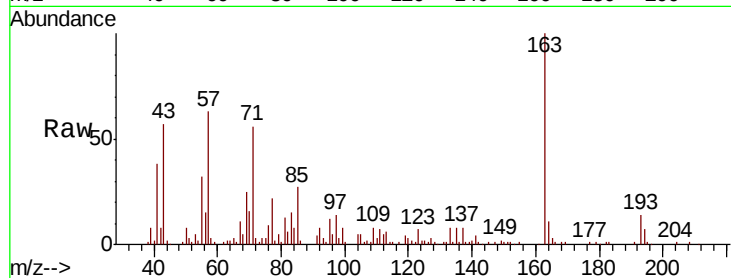




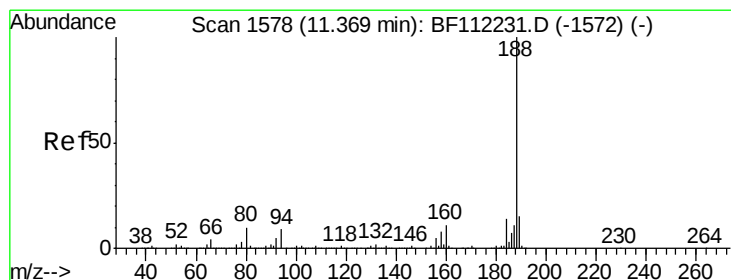
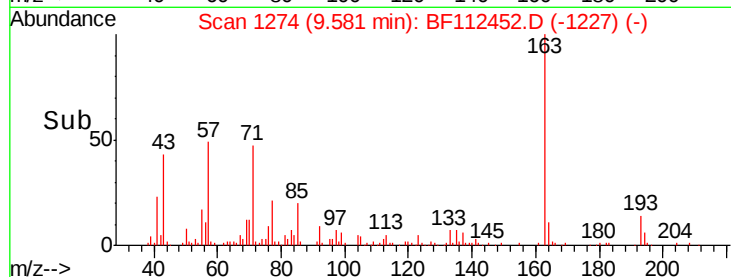
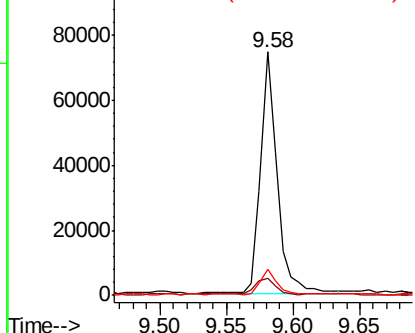
#50
Dimethylphthalate
Concen: 3.635 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Instrument :
BNA_F
ClientSampled :
DUPE-X

Tot Ion:163 Resp: 64226
Ion Ratio Lower Upper
163 100
194 7.1 3.3 4.9#
164 10.7 8.5 12.7

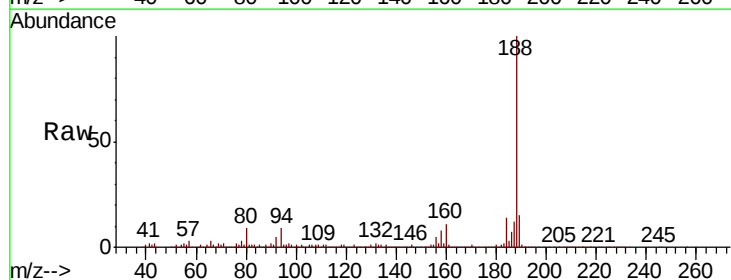


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

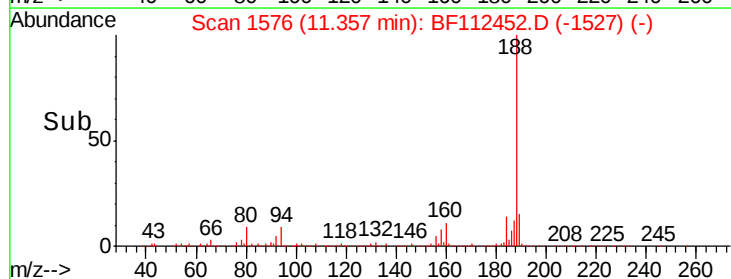
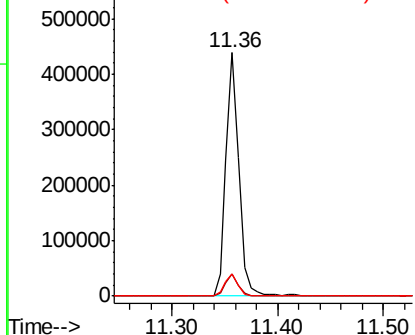


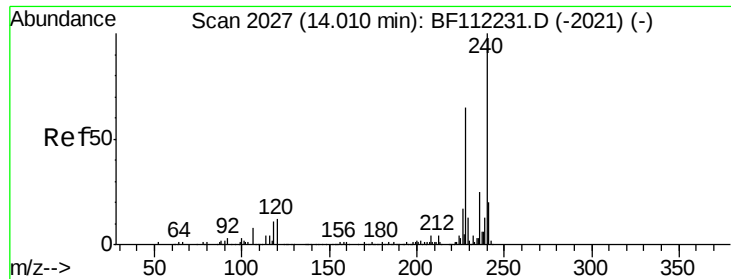
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Tgt Ion:188 Resp: 378709
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.2 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# 2026

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampleId :

DUPE-X

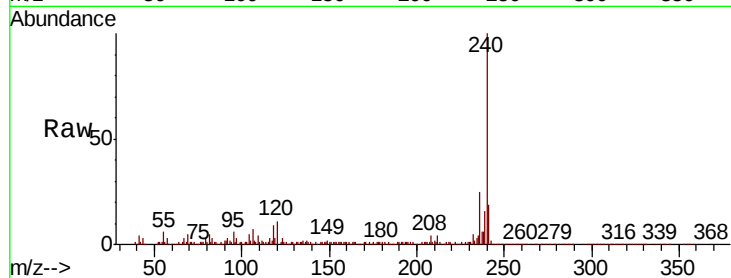
Tot Ion:240 Resp: 287792

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

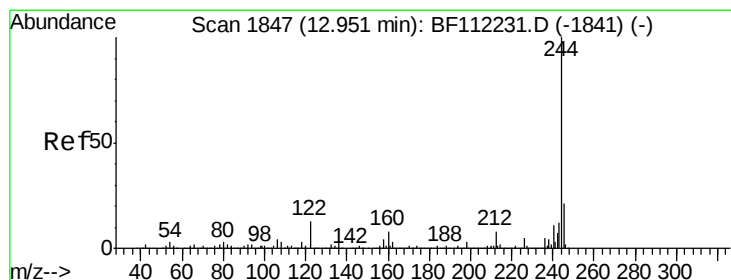
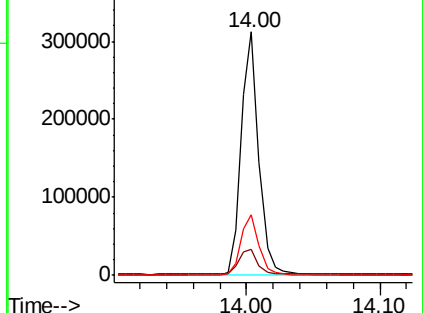
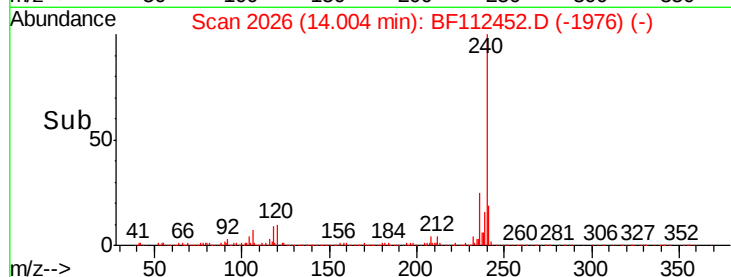
236 25.1 20.7 31.1



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: 43.789 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

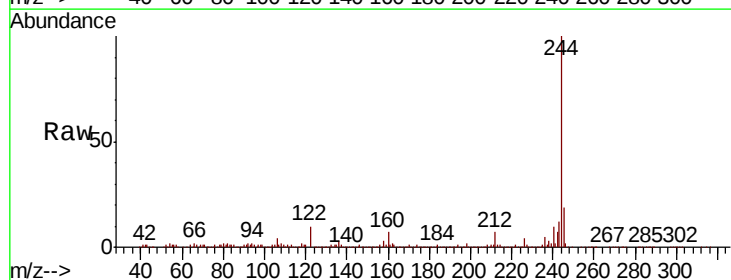
Tgt Ion:244 Resp: 669101

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

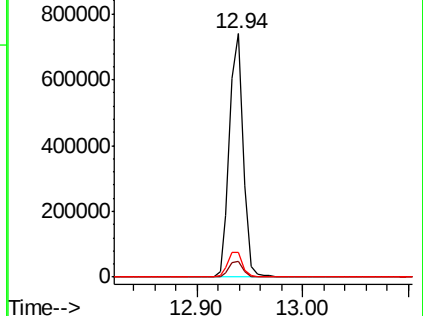
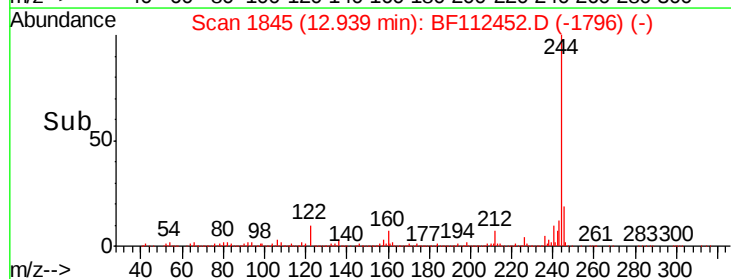
122 10.1 9.8 14.6

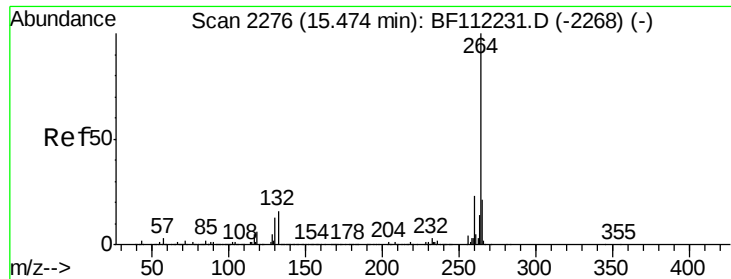


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

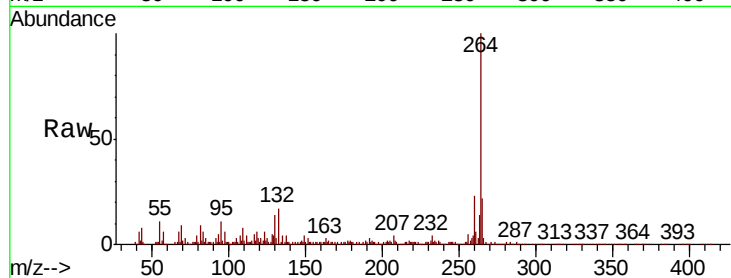




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Instrument :
BNA_F
ClientSampleId :
DUPE-X

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	18.2	27.2	
265	22.5	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

