

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112652.D
 Acq On : 21 Feb 2019 15:02
 Operator : JU/SJ
 Sample : K1344-03 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 22 01:21:17 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	79597	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	321517	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	152200	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	261681	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	183927	20.00	ng	-0.01
87) Perylene-d12	15.47	264	193715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	85274	22.76	ng	-0.02
7) Phenol-d6	6.49	99	110765	21.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	70055	12.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	32105	18.12	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	164959	15.33	ng	-0.03
79) Terphenyl-d14	12.93	244	137612	14.09	ng	-0.02

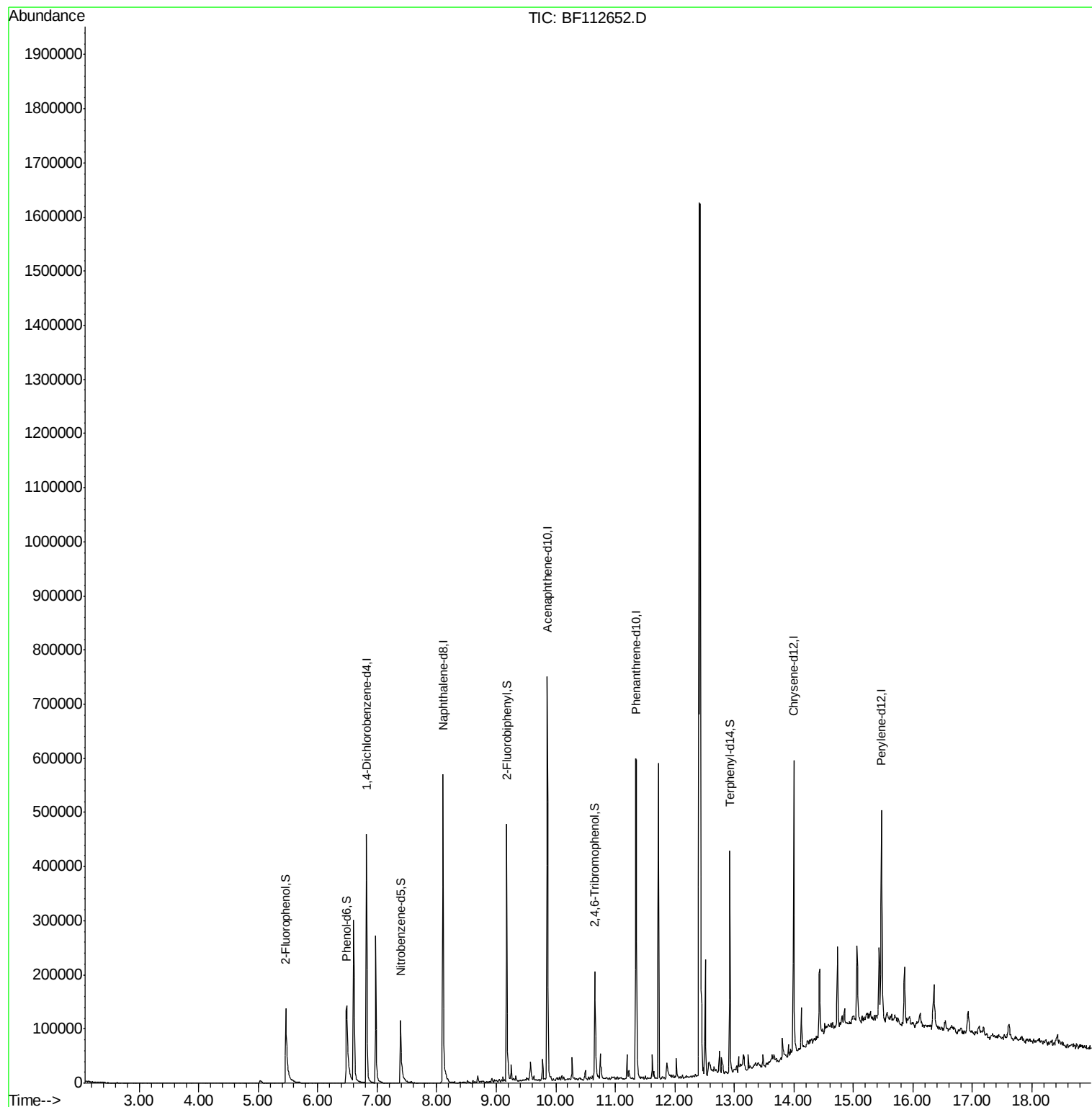
Target Compounds Qvalue

(#) = 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: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

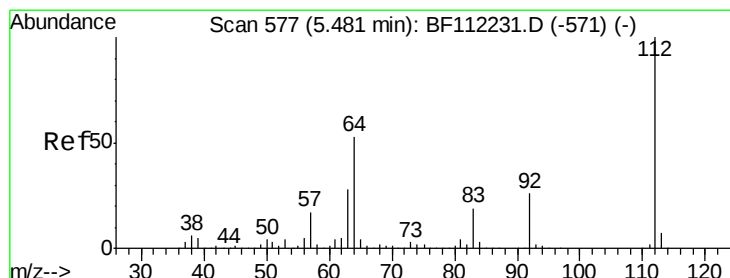
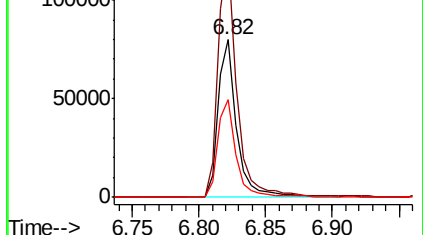
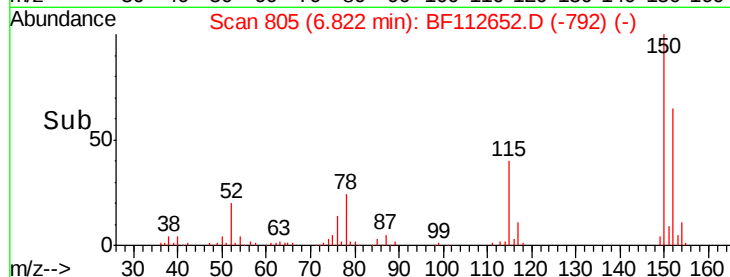
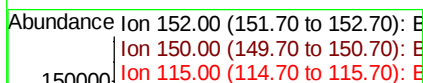
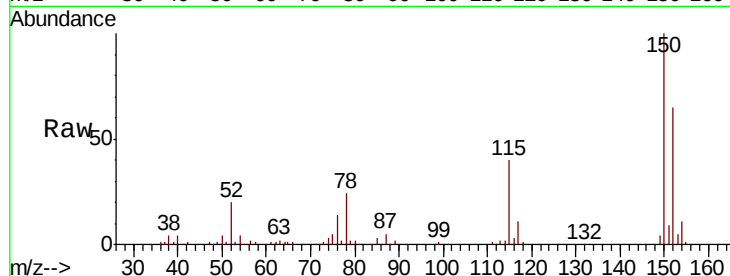
Tot Ion:152 Resp: 79597

Ion Ratio Lower Upper

152 100

150 154.3 127.4 191.0

115 61.7 45.5 68.3



#5

2-Fluorophenol

Concen: 22.756 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

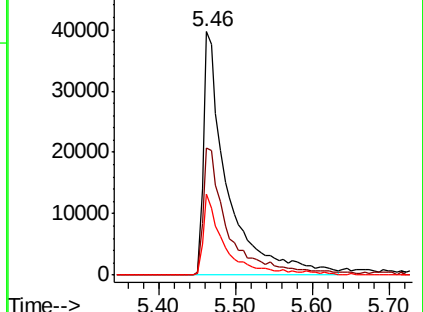
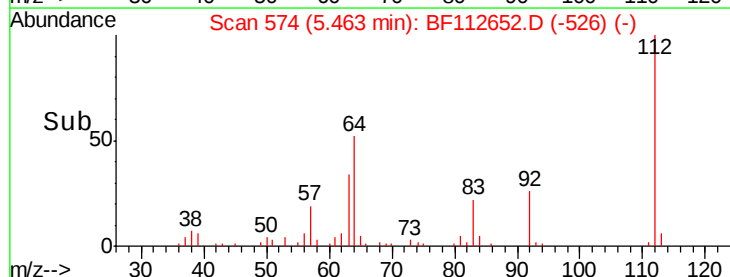
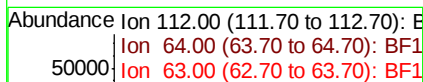
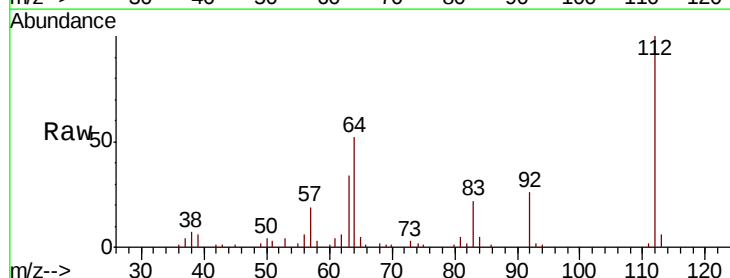
Tgt Ion:112 Resp: 85274

Ion Ratio Lower Upper

112 100

64 52.4 45.7 68.5

63 33.5 23.6 35.4





#7

Phenol-d6

Concen: 21.272 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

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NB-08-022019-B

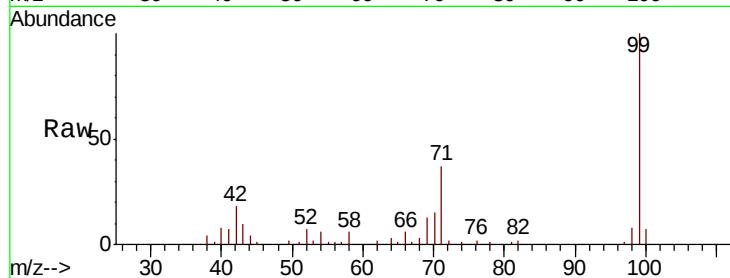
Tot Ion: 99 Resp: 110765

Ion Ratio Lower Upper

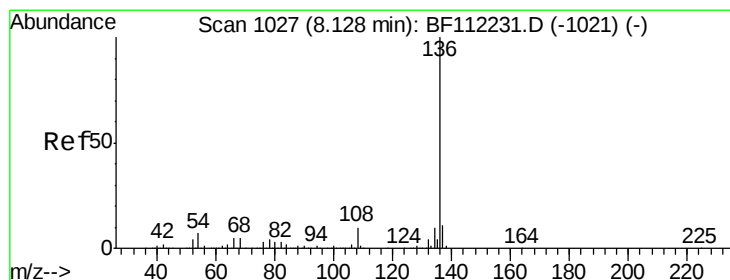
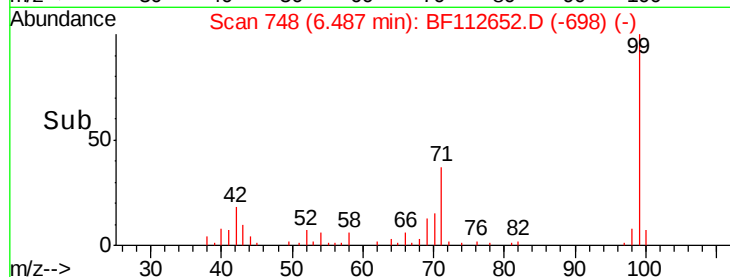
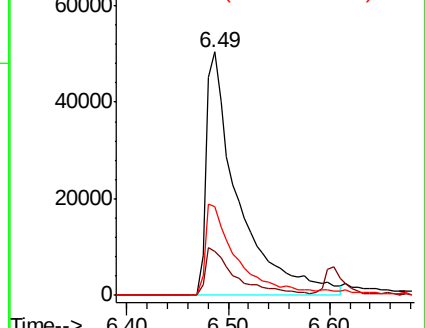
99 100

42 18.2 15.1 22.7

71 36.6 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: BF112652.D

Acq: 21 Feb 2019 15:02

Tgt Ion: 136 Resp: 321517

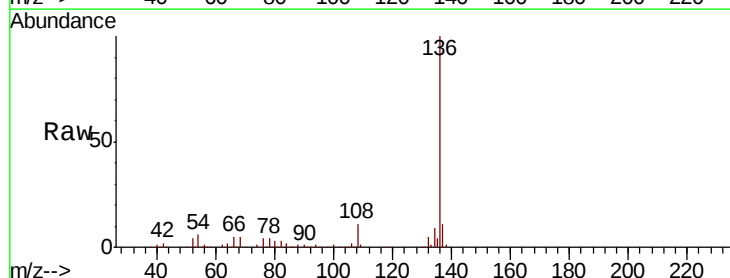
Ion Ratio Lower Upper

136 100

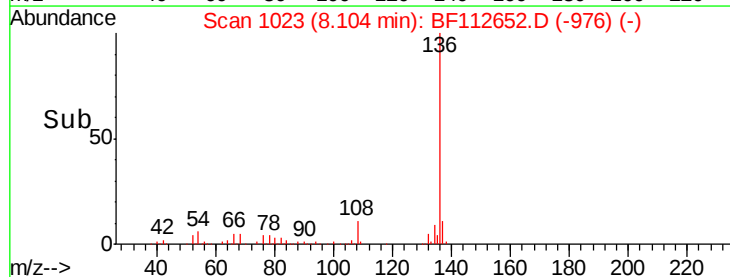
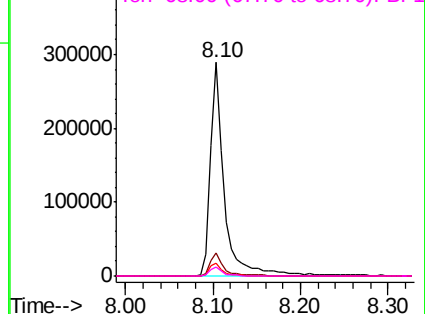
137 10.9 9.1 13.7

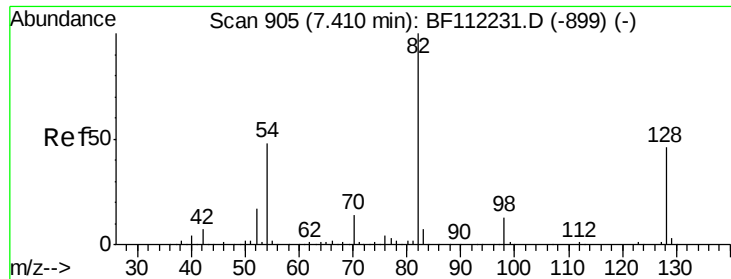
54 6.0 5.9 8.9

68 4.5 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

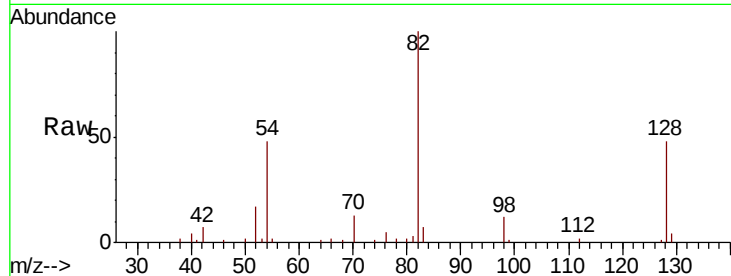




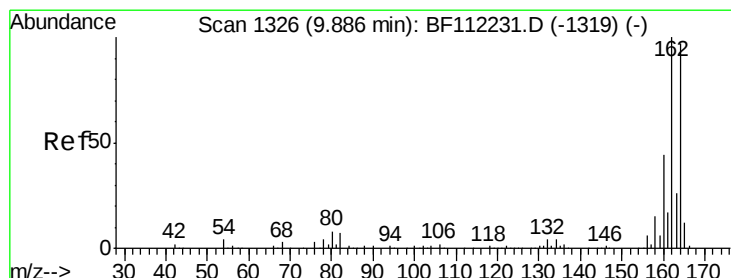
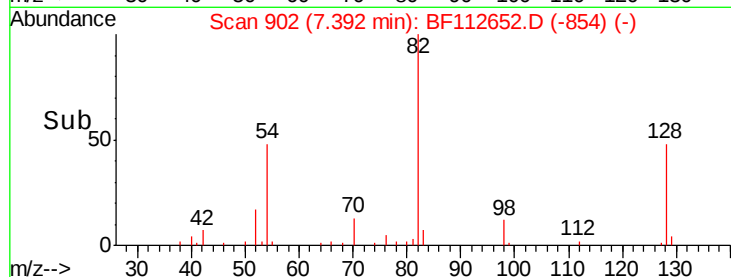
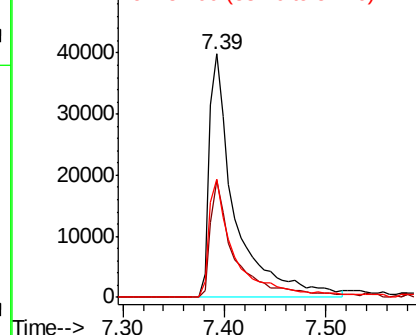
#23
Nitrobenzene-d5
Concen: 12.555 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112652.D
Acq: 21 Feb 2019 15:02

Instrument :
BNA_F
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NB-08-022019-B

Tot Ion: 82 Resp: 70055
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 48.4 39.7 59.5

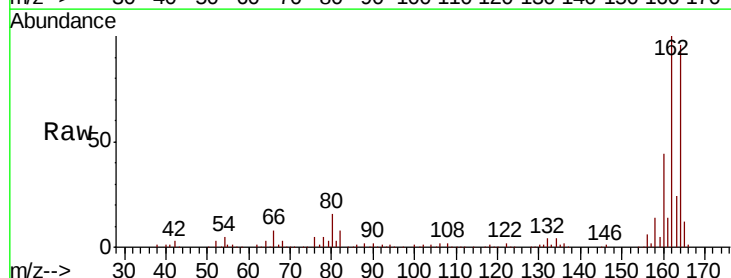


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

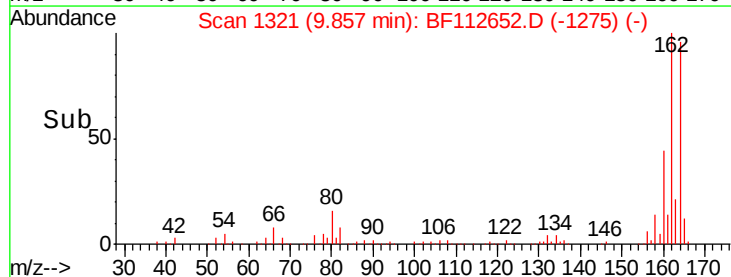
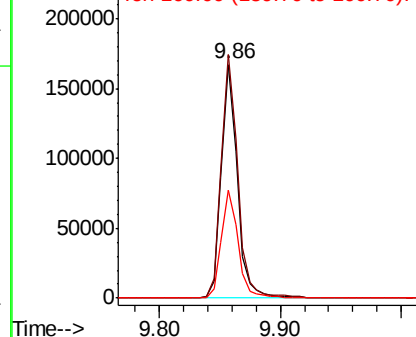


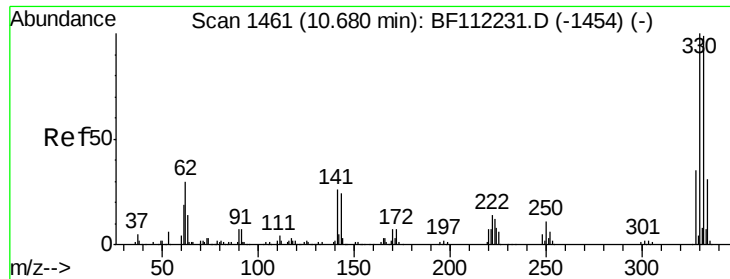
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112652.D
Acq: 21 Feb 2019 15:02

Tgt Ion: 164 Resp: 152200
Ion Ratio Lower Upper
164 100
162 104.1 82.2 123.4
160 45.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 18.122 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

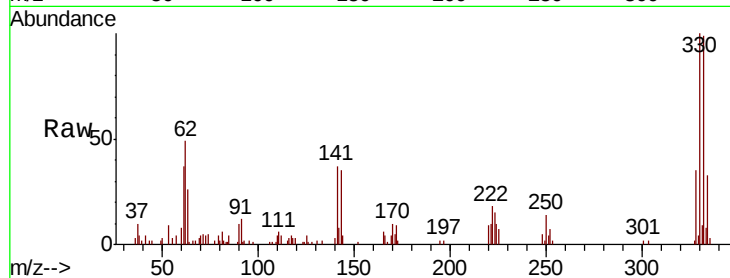
Tot Ion:330 Resp: 32105

Ion Ratio Lower Upper

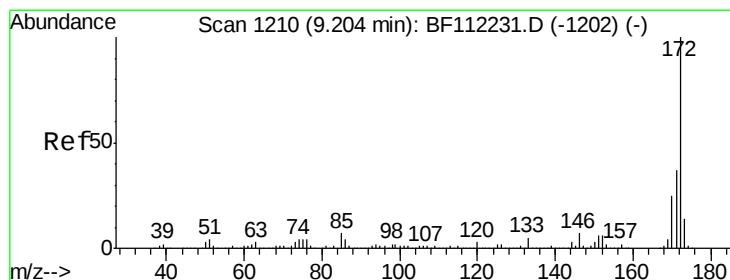
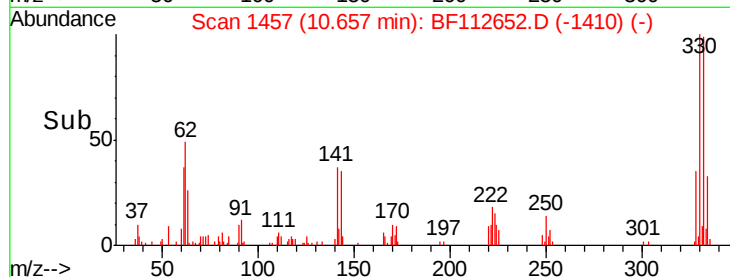
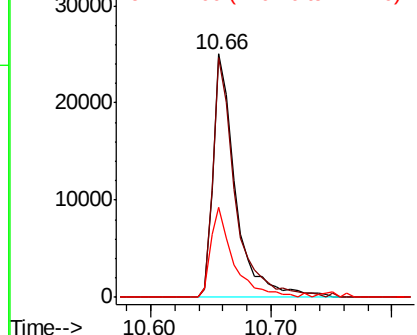
330 100

332 98.0 76.6 114.8

141 37.2 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: 15.329 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

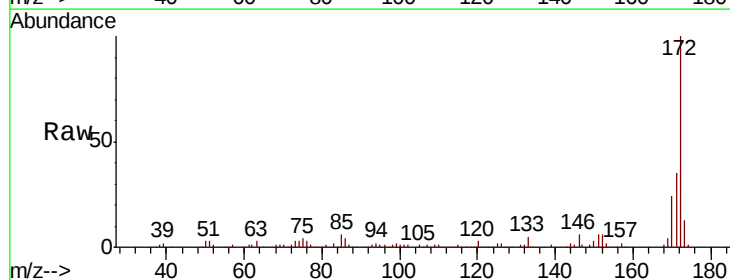
Tgt Ion:172 Resp: 164959

Ion Ratio Lower Upper

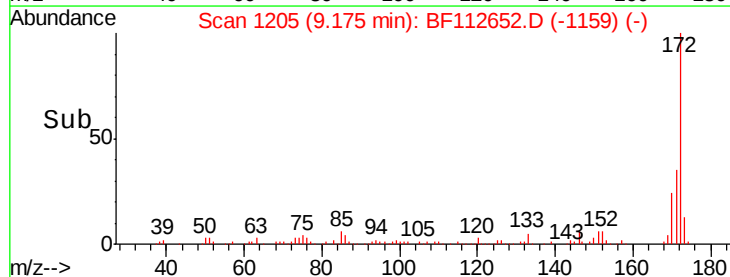
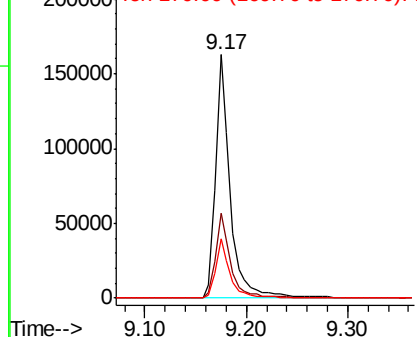
172 100

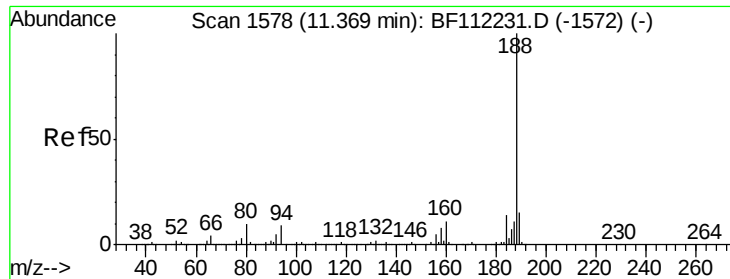
171 34.9 30.5 45.7

170 24.1 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

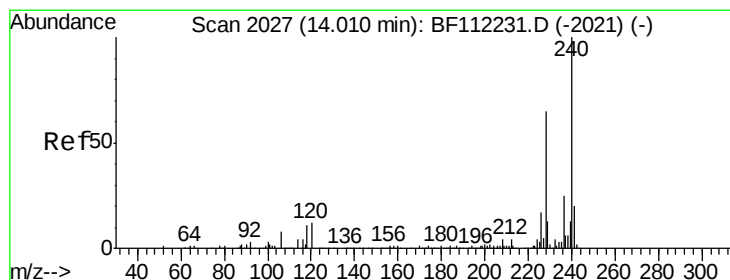
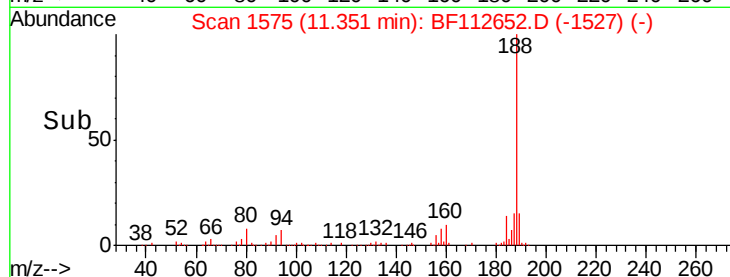
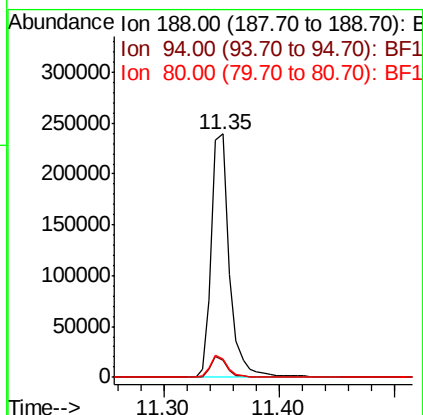
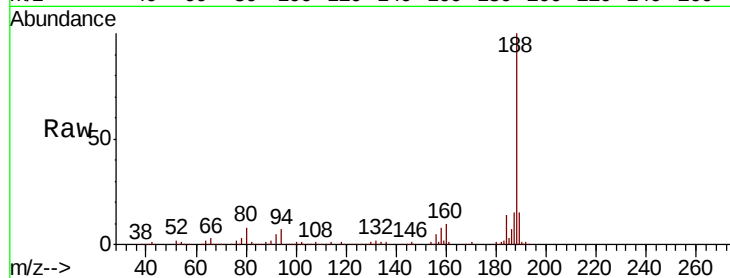




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112652.D
Acq: 21 Feb 2019 15:02

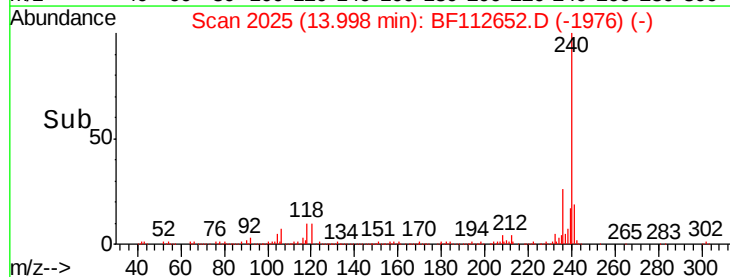
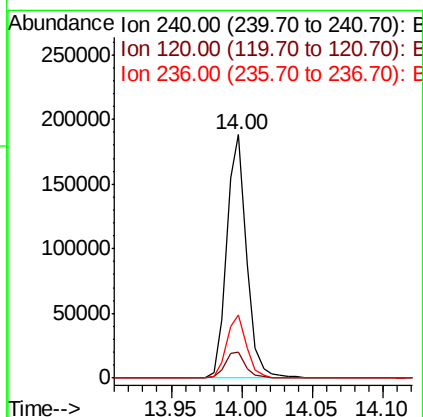
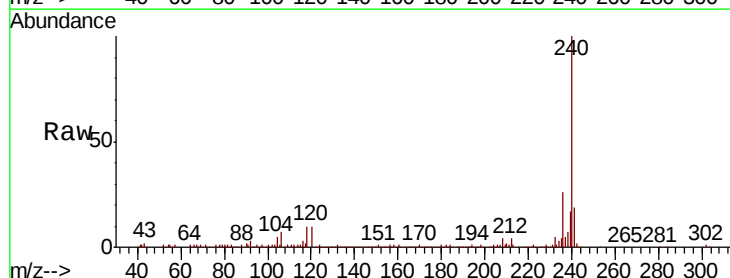
Instrument :
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NB-08-022019-B

Tot Ion:188 Resp: 261681
Ion Ratio Lower Upper
188 100
94 7.1 8.2 12.2#
80 7.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112652.D
Acq: 21 Feb 2019 15:02

Tgt Ion:240 Resp: 183927
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 14.092 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

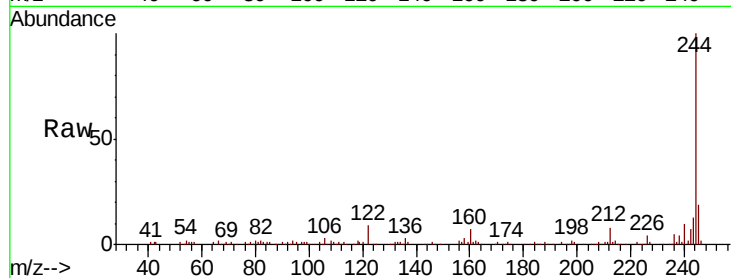
Tot Ion:244 Resp: 137612

Ion Ratio Lower Upper

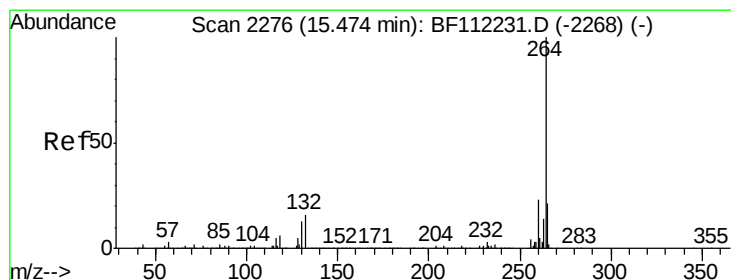
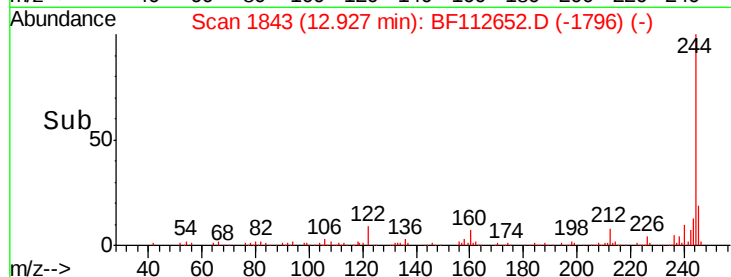
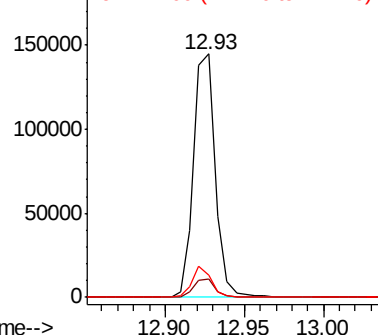
244 100

212 7.6 5.9 8.9

122 9.1 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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

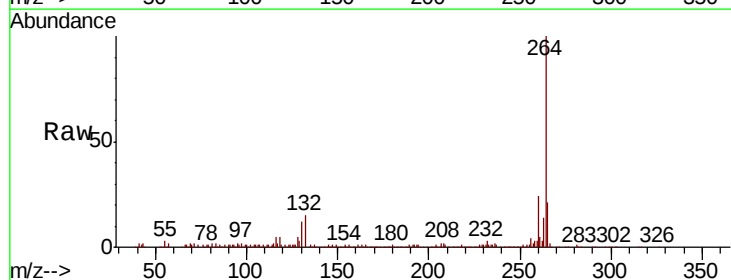
Tgt Ion:264 Resp: 193715

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 20.5 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

