

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112654.D
 Acq On : 21 Feb 2019 15:56
 Operator : JU/SJ
 Sample : K1344-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 22 01:37:49 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	81301	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	337925	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	158768	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	272263	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	193235	20.00	ng	-0.01
87) Perylene-d12	15.47	264	185455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	28913	7.55	ng	0.00
7) Phenol-d6	6.50	99	46064	8.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	31194	5.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	13440	7.27	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	73828	6.58	ng	-0.03
79) Terphenyl-d14	12.93	244	62100	6.05	ng	-0.02

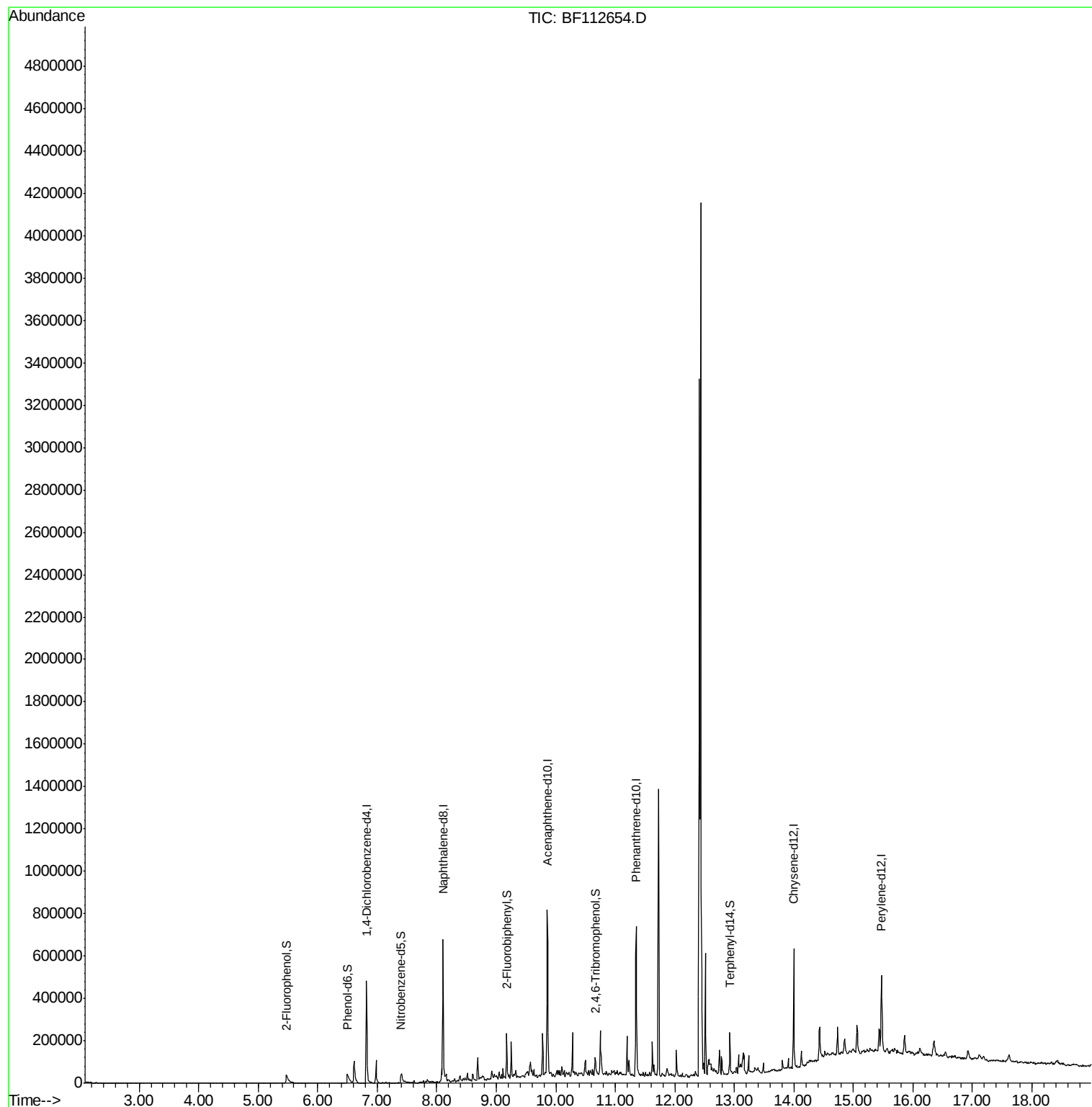
Target Compounds Qvalue

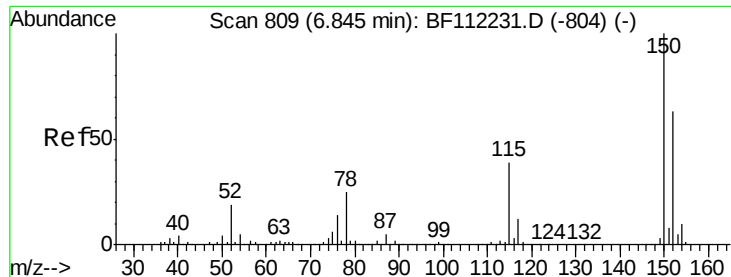
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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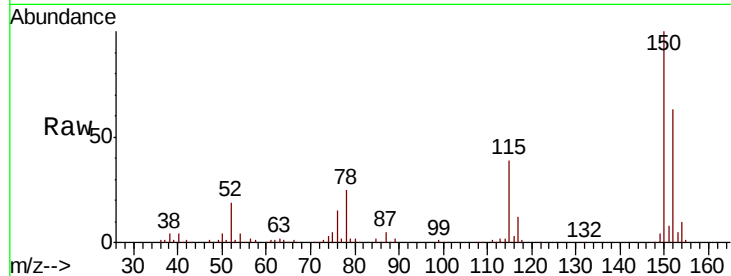


#1

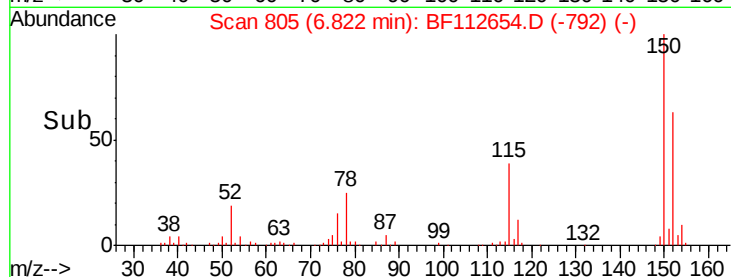
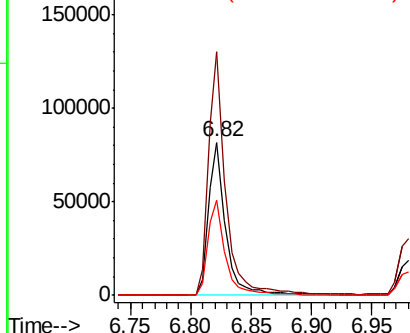
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112654.D
Acq: 21 Feb 2019 15:56

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

Tot Ion:152 Resp: 81301
Ion Ratio Lower Upper
152 100
150 159.4 127.4 191.0
115 62.0 45.5 68.3



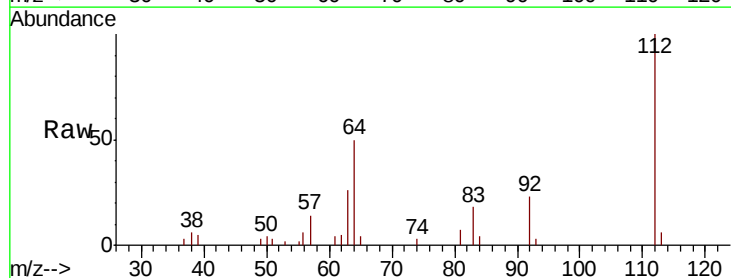
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



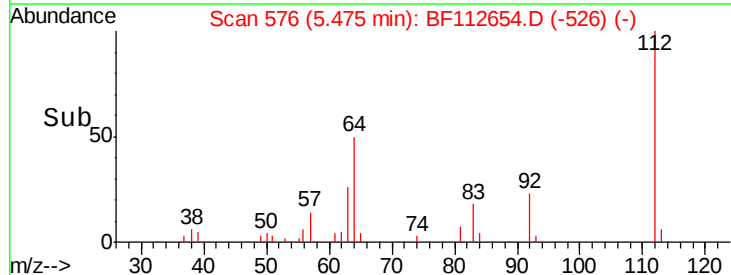
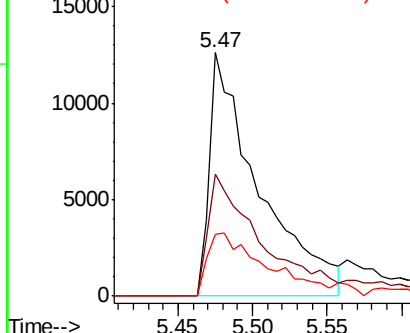
#5

2-Fluorophenol
Concen: 7.554 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112654.D
Acq: 21 Feb 2019 15:56

Tgt Ion:112 Resp: 28913
Ion Ratio Lower Upper
112 100
64 50.2 45.7 68.5
63 25.5 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: 8.661 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-A

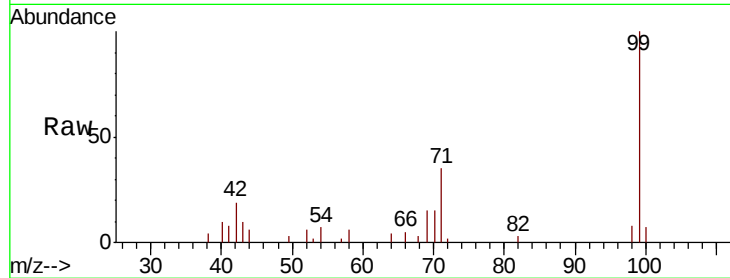
Tot Ion: 99 Resp: 46064

Ion Ratio Lower Upper

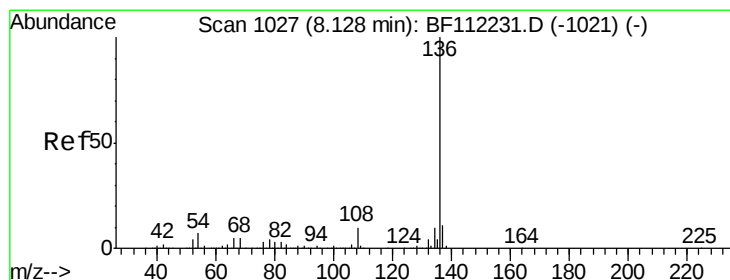
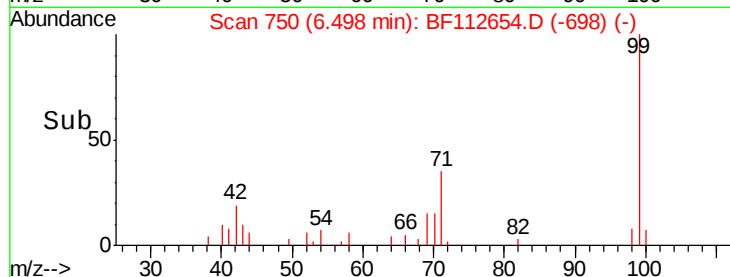
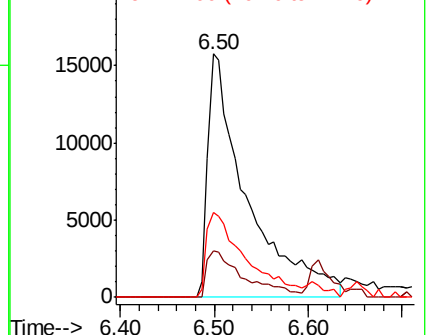
99 100

42 18.9 15.1 22.7

71 35.1 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: BF112654.D

Acq: 21 Feb 2019 15:56

Tgt Ion: 136 Resp: 337925

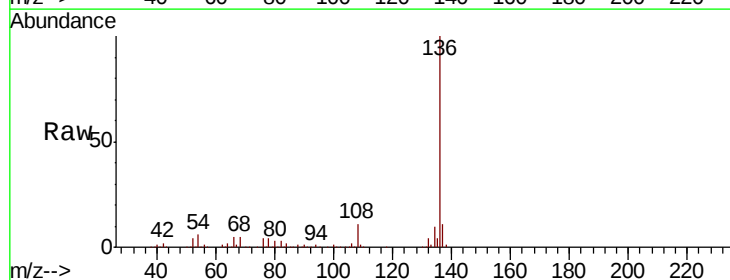
Ion Ratio Lower Upper

136 100

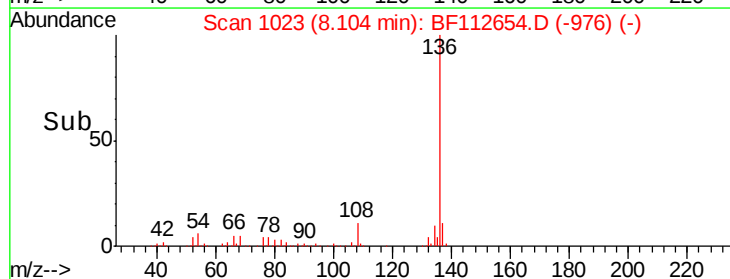
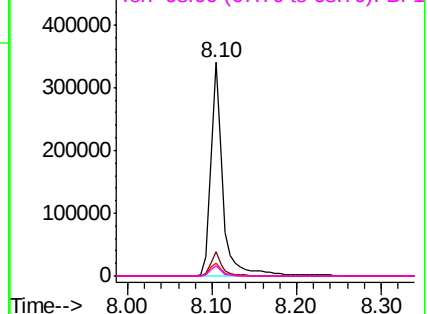
137 11.2 9.1 13.7

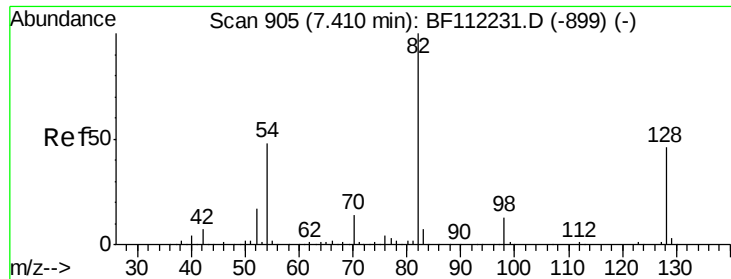
54 5.8 5.9 8.9#

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

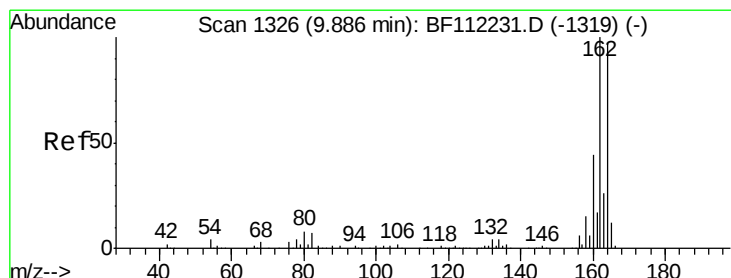
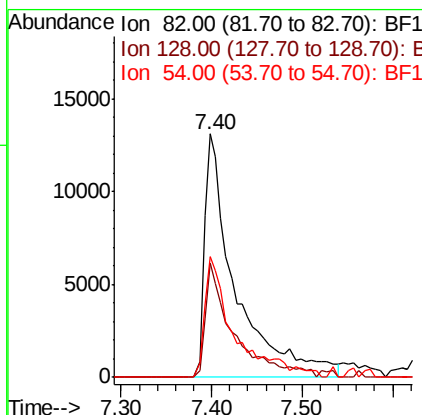
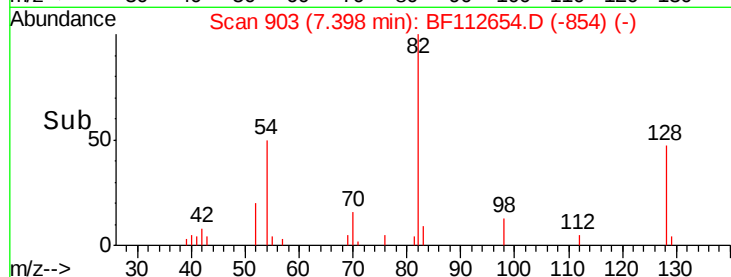
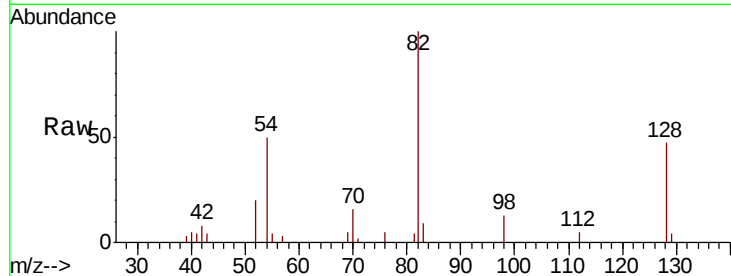




#23
Nitrobenzene-d5
Concen: 5.319 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112654.D
Acq: 21 Feb 2019 15:56

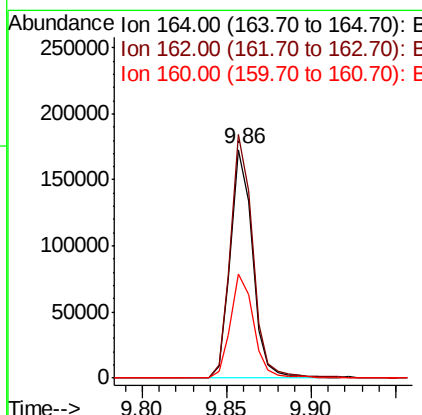
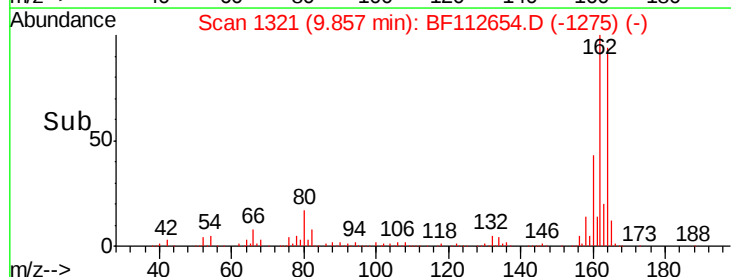
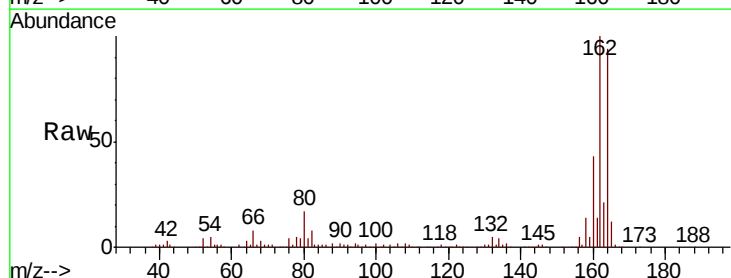
Instrument :
BNA_F
ClientSampleId :
NB-08-022019-A

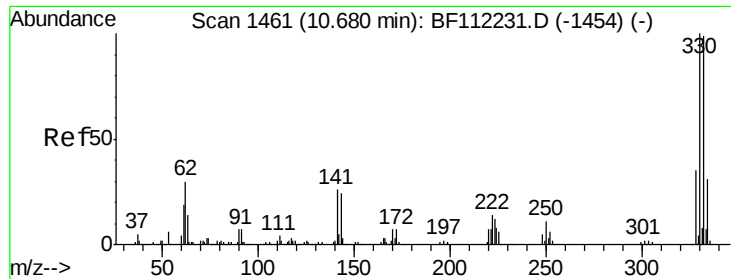
Tot Ion: 82 Resp: 31194
Ion Ratio Lower Upper
82 100
128 46.8 37.8 56.8
54 49.6 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112654.D
Acq: 21 Feb 2019 15:56

Tgt Ion:164 Resp: 158768
Ion Ratio Lower Upper
164 100
162 106.5 82.2 123.4
160 45.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 7.273 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-A

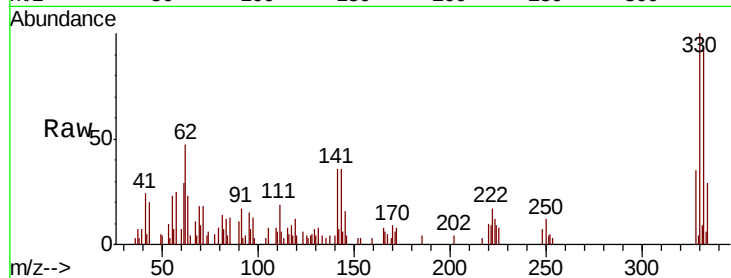
Tot Ion:330 Resp: 13440

Ion Ratio Lower Upper

330 100

332 91.6 76.6 114.8

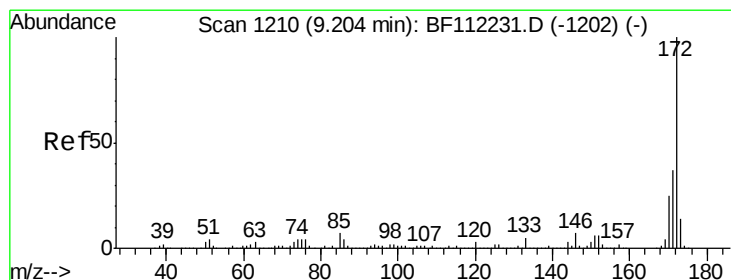
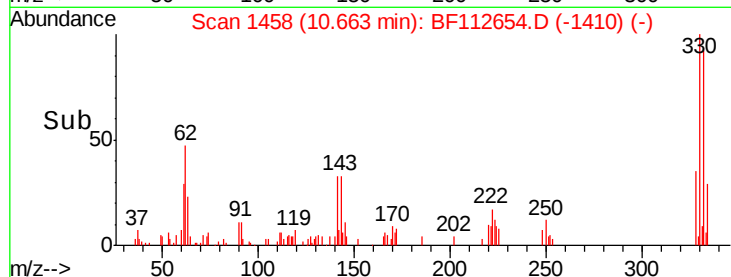
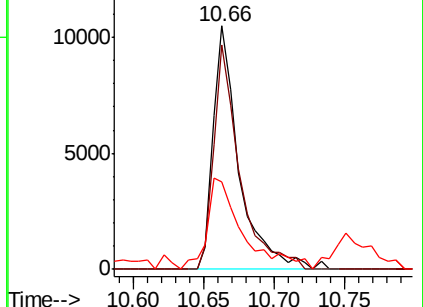
141 51.1 24.3 36.5#



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: 6.577 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112654.D

Acq: 21 Feb 2019 15:56

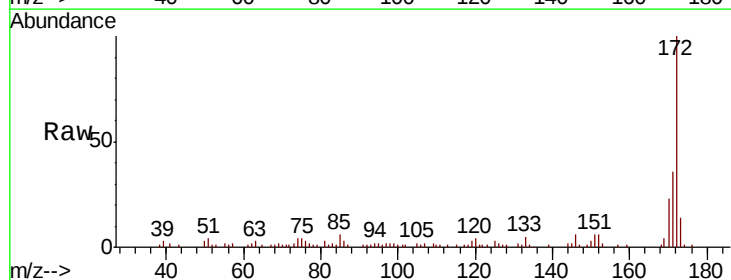
Tgt Ion:172 Resp: 73828

Ion Ratio Lower Upper

172 100

171 35.7 30.5 45.7

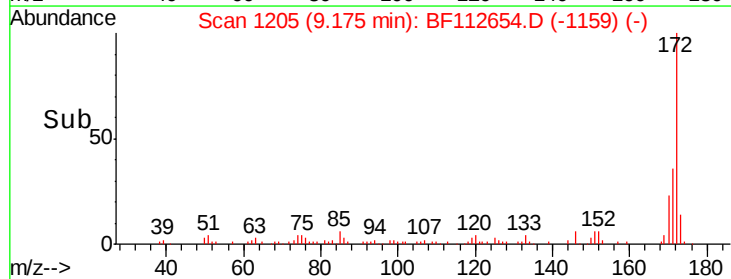
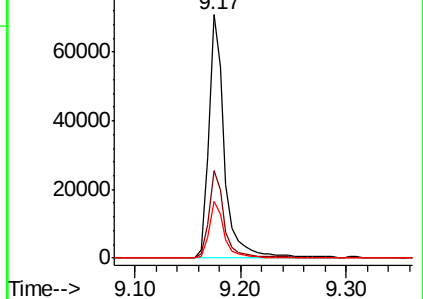
170 23.3 20.2 30.4

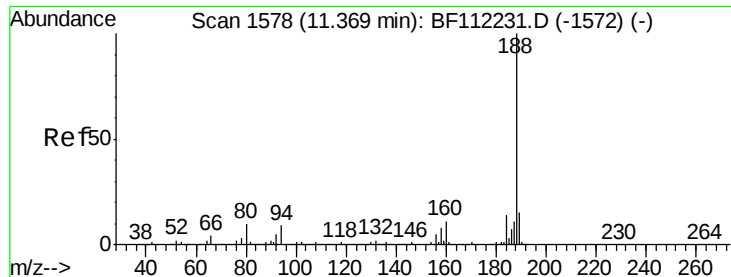


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

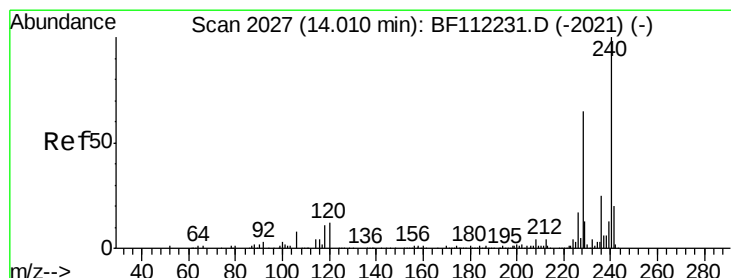
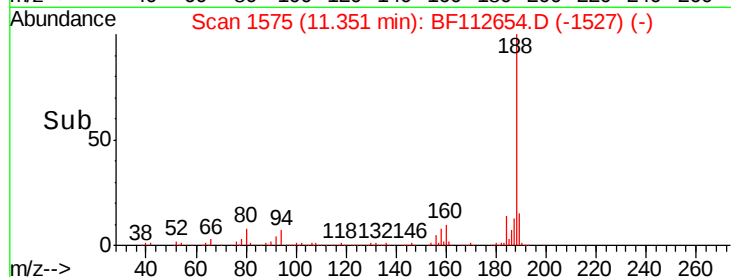
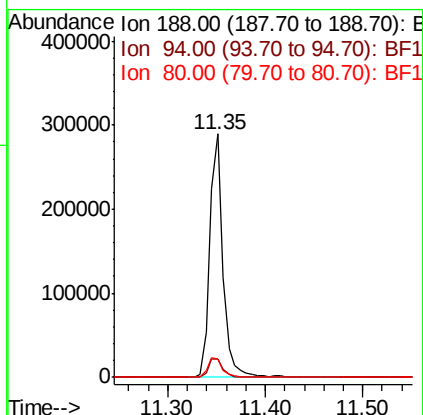
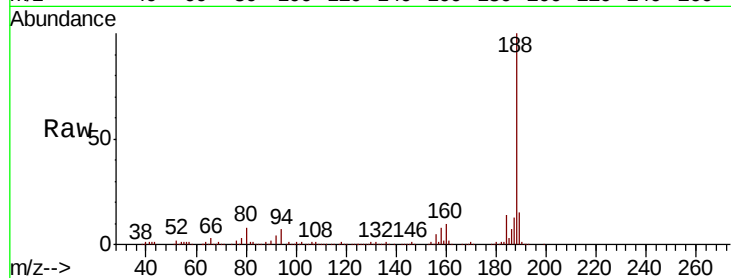




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112654.D
Acq: 21 Feb 2019 15:56

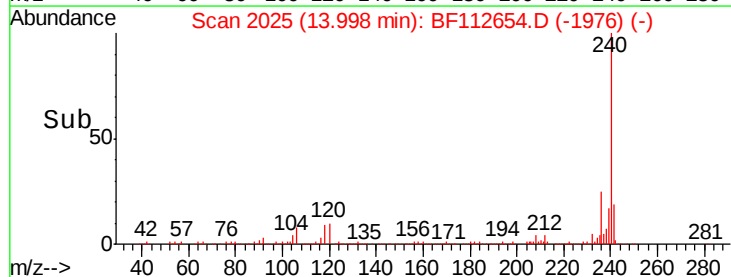
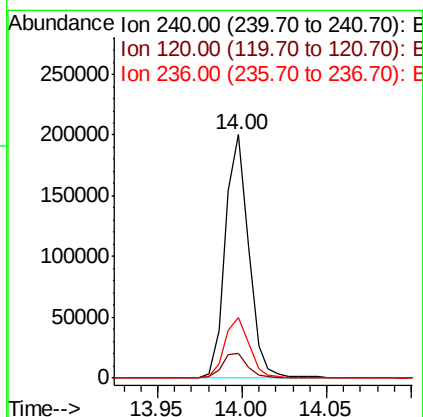
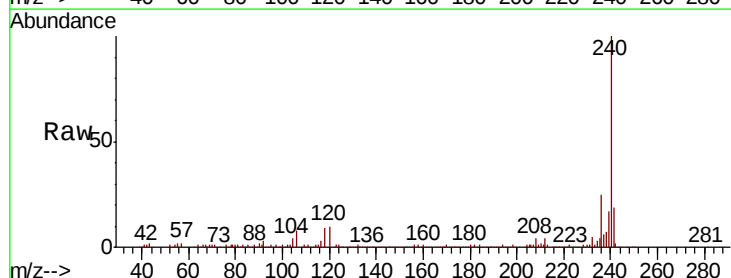
Instrument :
BNA_F
ClientSampleId :
NB-08-022019-A

Tot Ion:188 Resp: 272263
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 7.8 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: BF112654.D
Acq: 21 Feb 2019 15:56

Tgt Ion:240 Resp: 193235
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.9 20.7 31.1

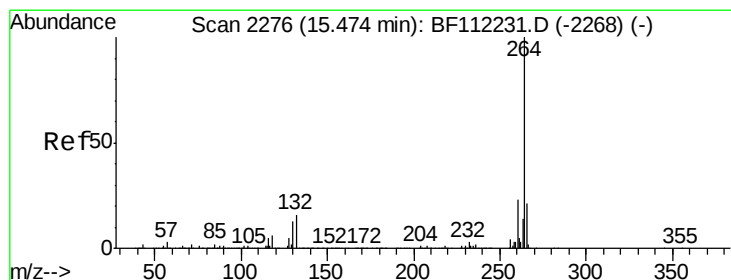
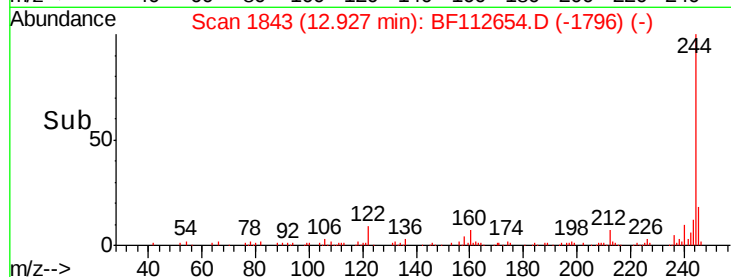
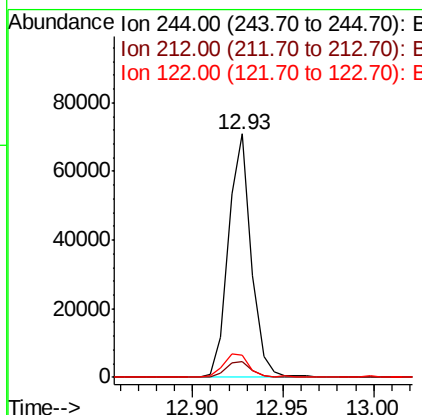
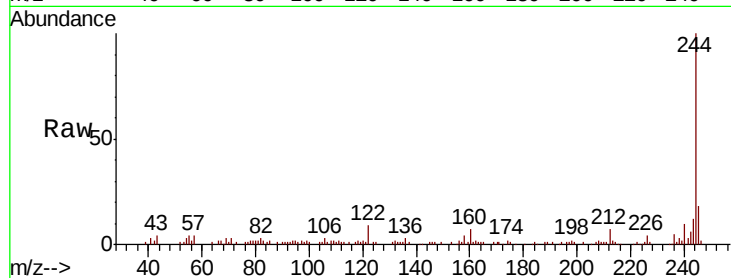




#79
 Terphenyl-d14
 Concen: 6.053 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

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

Tot Ion:244 Resp: 62100
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.1 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112654.D
 Acq: 21 Feb 2019 15:56

Tgt Ion:264 Resp: 185455
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 20.8 17.0 25.4

