

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112661.D
 Acq On : 21 Feb 2019 19:07
 Operator : JU/SJ
 Sample : K1344-03RE 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 22 02:54:55 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	82949	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	344421	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	164814	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	268367	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	168402	20.00	ng	-0.01
87) Perylene-d12	15.47	264	171266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	88433	22.64	ng	-0.02
7) Phenol-d6	6.49	99	117287	21.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	75800	12.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	24785	12.92	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	179648	15.42	ng	-0.03
79) Terphenyl-d14	12.93	244	125870	14.08	ng	-0.02

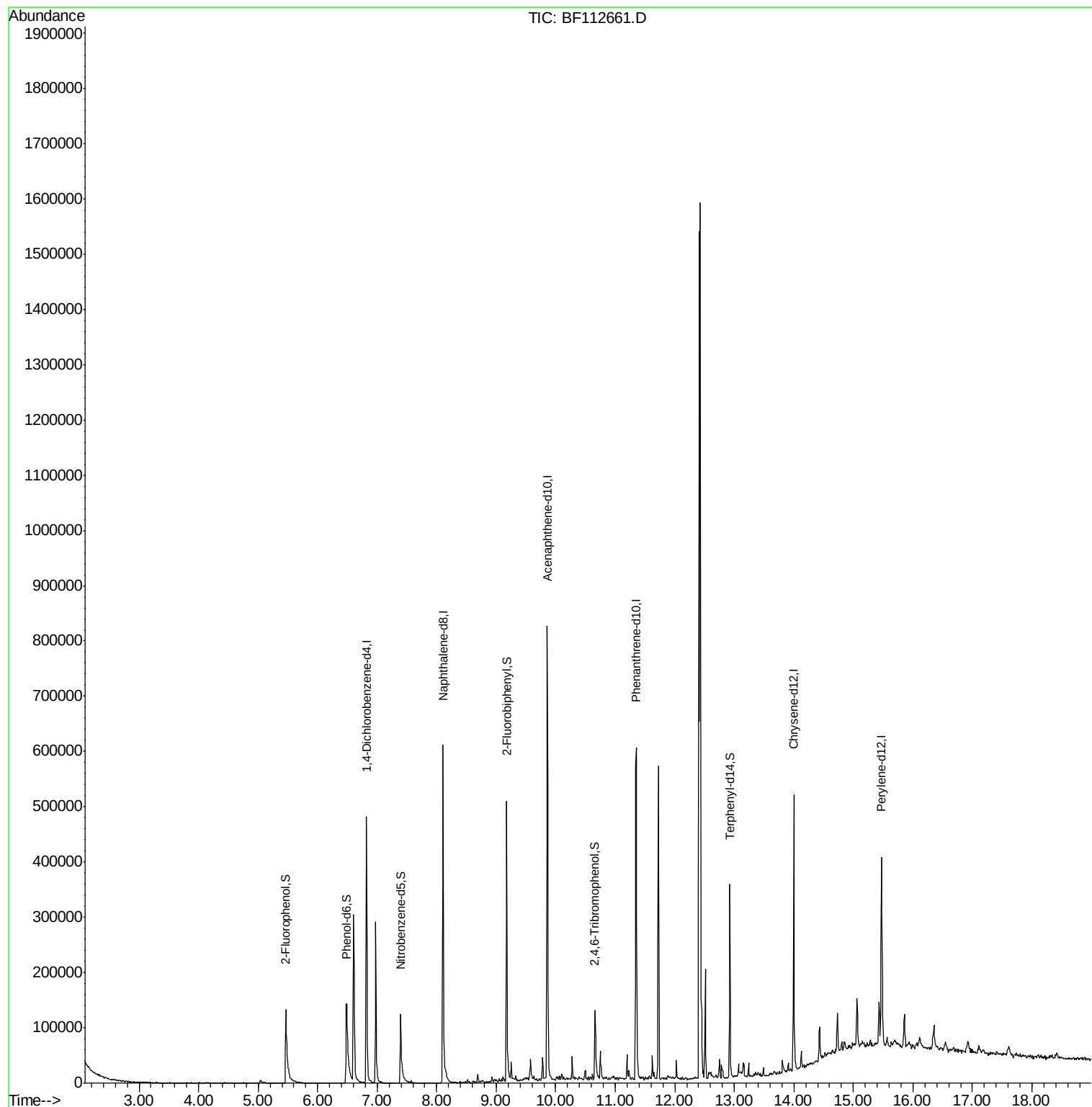
Target Compounds Qvalue

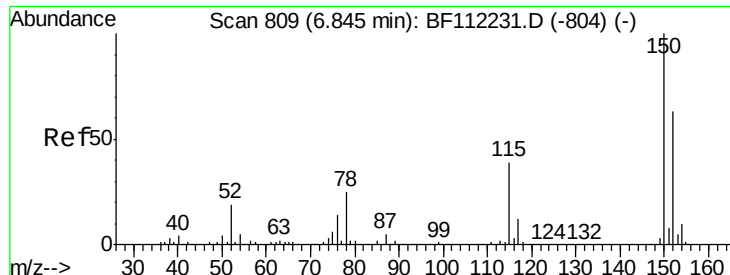
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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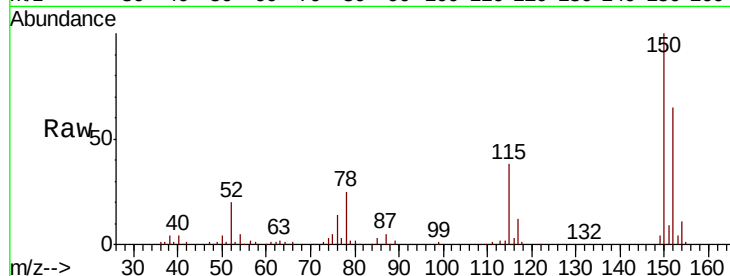


#1

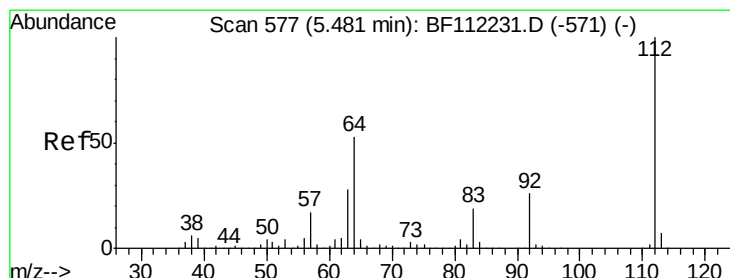
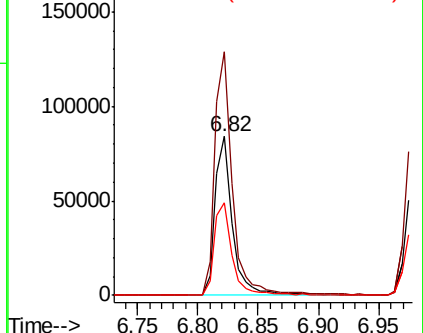
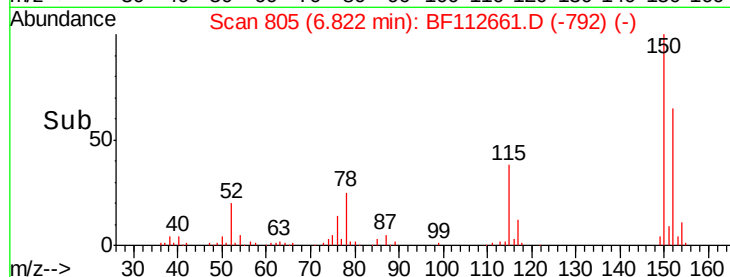
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

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

Tot Ion:152 Resp: 82949
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.0
115 58.3 45.5 68.3



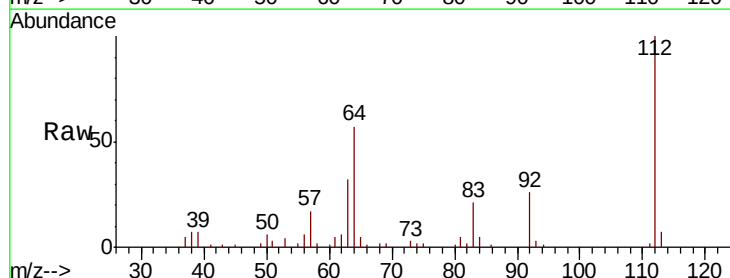
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



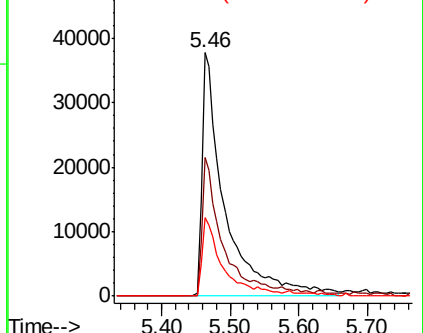
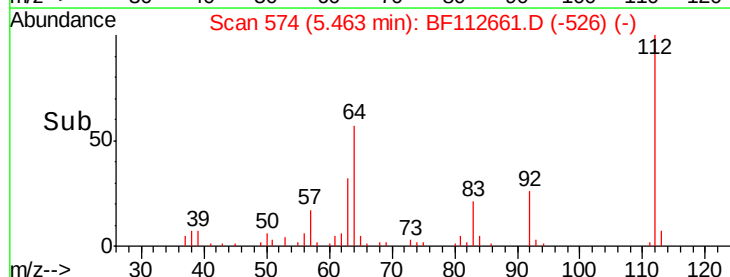
#5

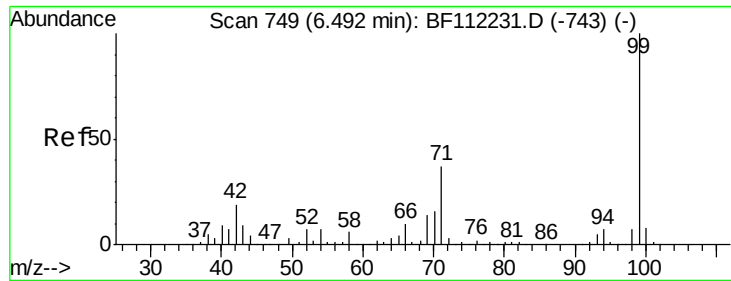
2-Fluorophenol
Concen: 22.645 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Tgt Ion:112 Resp: 88433
Ion Ratio Lower Upper
112 100
64 56.9 45.7 68.5
63 32.0 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: 21.614 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-BRE

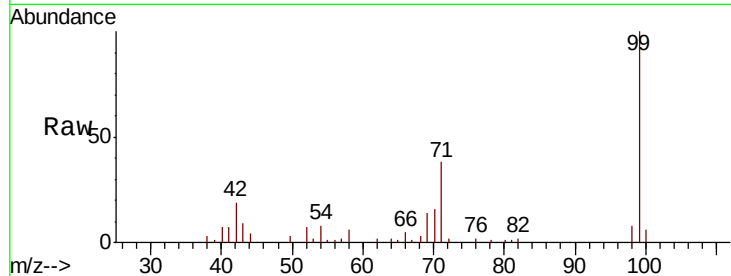
Tot Ion: 99 Resp: 117287

Ion Ratio Lower Upper

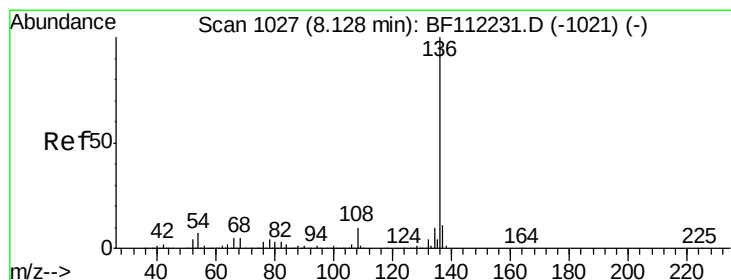
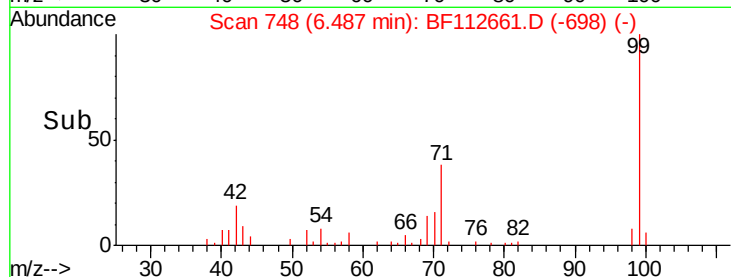
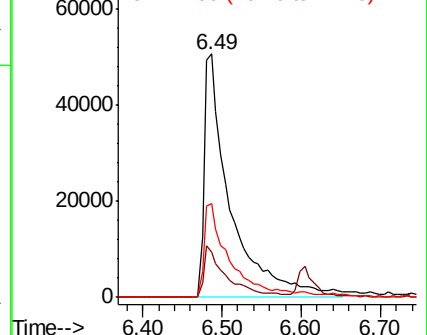
99 100

42 18.5 15.1 22.7

71 38.3 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Tgt Ion: 136 Resp: 344421

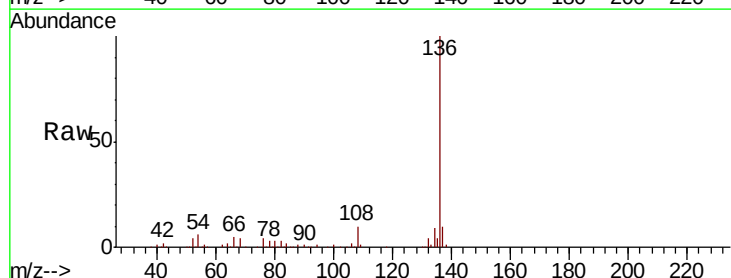
Ion Ratio Lower Upper

136 100

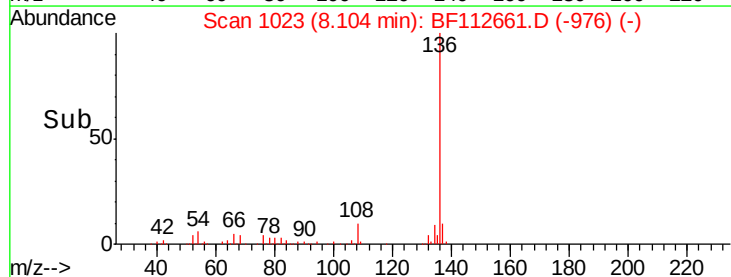
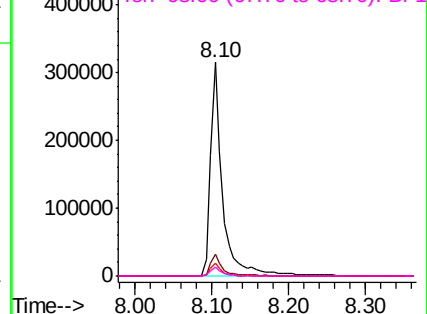
137 10.1 9.1 13.7

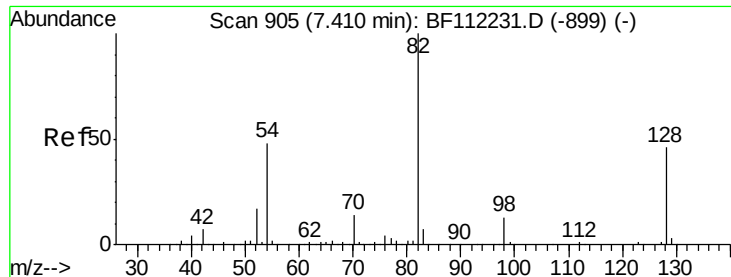
54 6.2 5.9 8.9

68 3.9 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

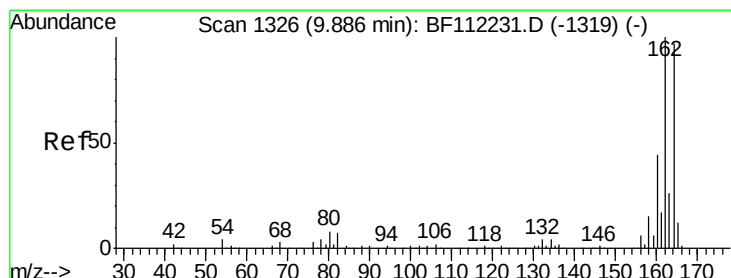
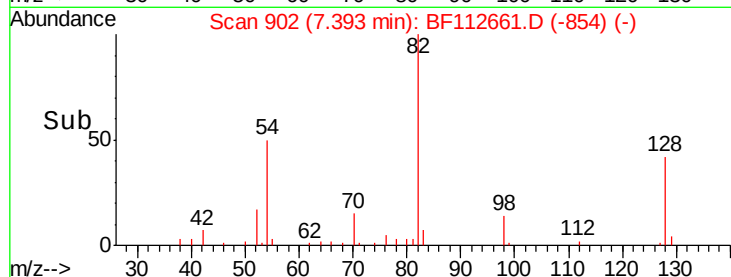
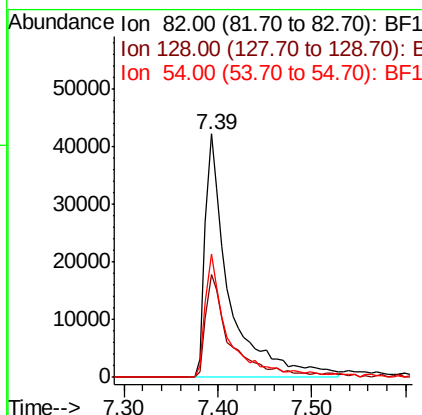
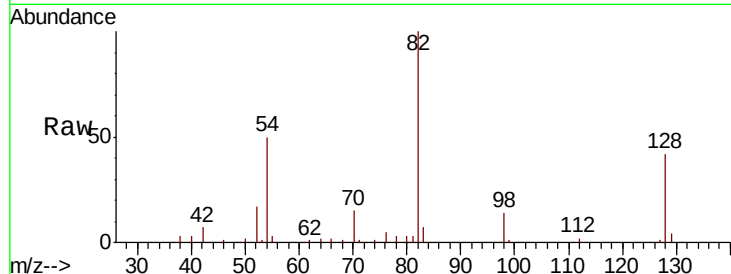




#23
 Nitrobenzene-d5
 Concen: 12.681 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112661.D
 Acq: 21 Feb 2019 19:07

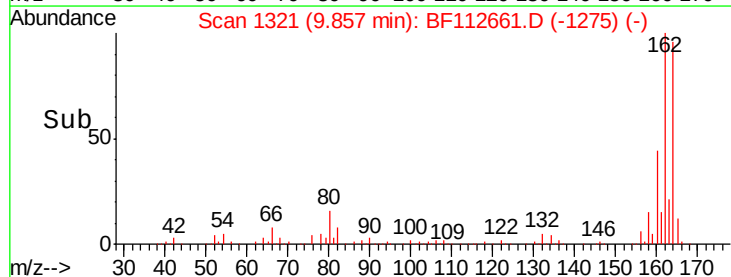
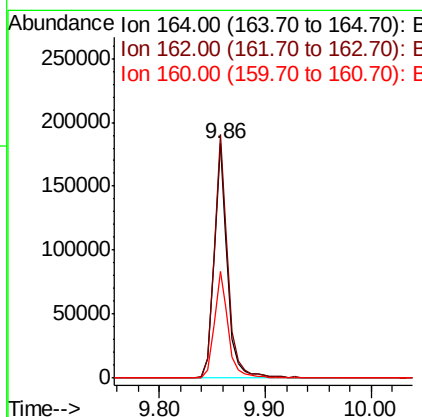
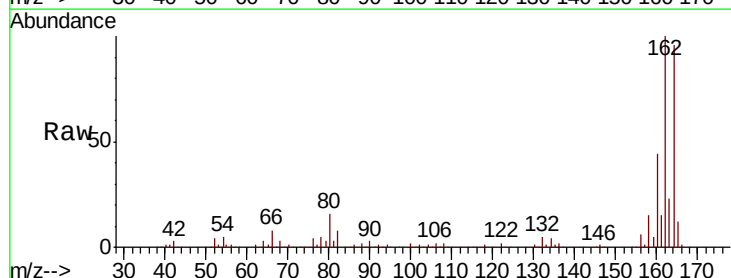
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-BRE

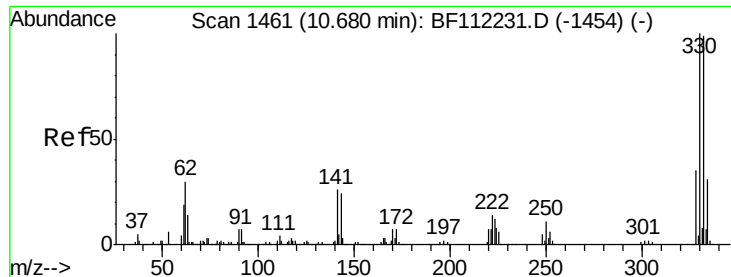
Tot Ion: 82 Resp: 75800
 Ion Ratio Lower Upper
 82 100
 128 42.5 37.8 56.8
 54 50.5 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112661.D
 Acq: 21 Feb 2019 19:07

Tgt Ion: 164 Resp: 164814
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.2 123.4
 160 45.7 36.2 54.4

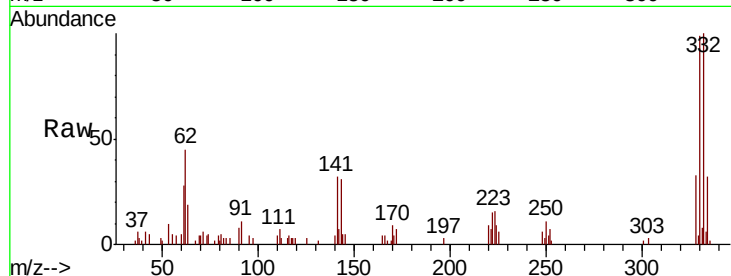




#42
 2,4,6-Tribromophenol
 Concen: 12.920 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112661.D
 Acq: 21 Feb 2019 19:07

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	114.8
141	34.1	24.3	36.5

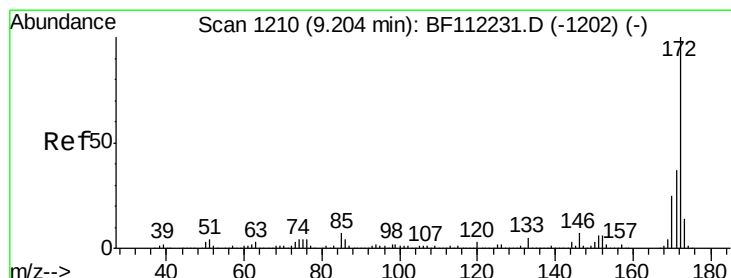
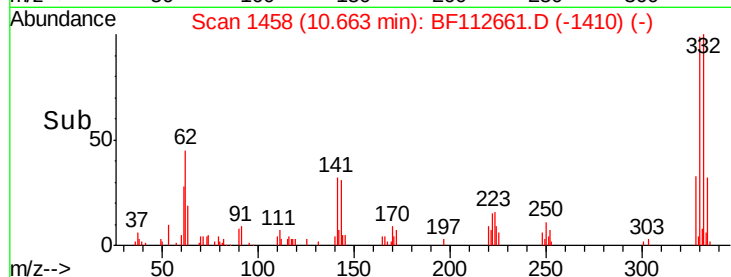
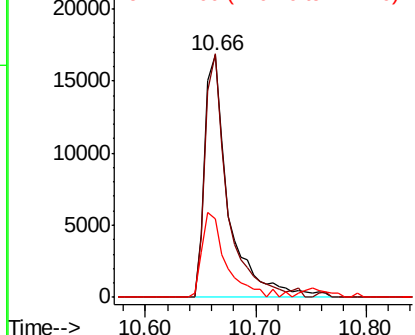


Abundance

Ion 329.80 (329.50 to 330.50): E

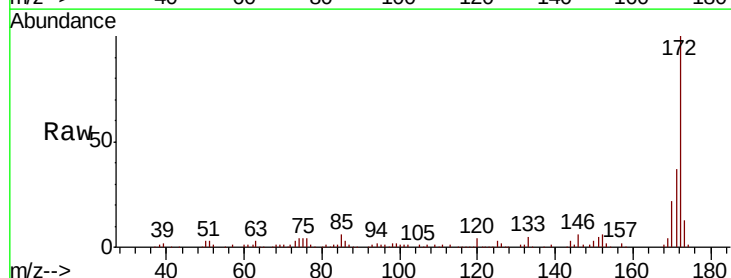
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 15.416 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112661.D
 Acq: 21 Feb 2019 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	22.4	20.2	30.4

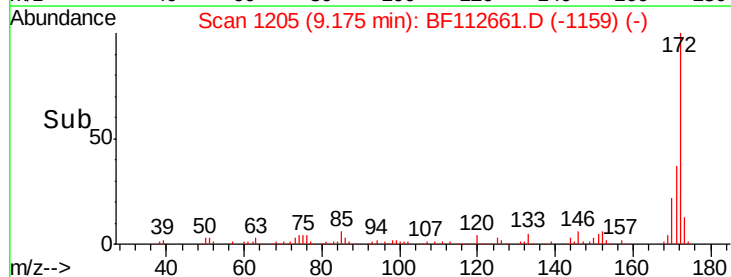
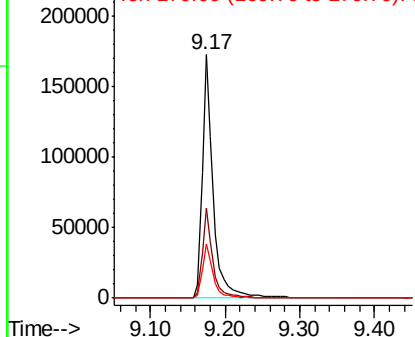


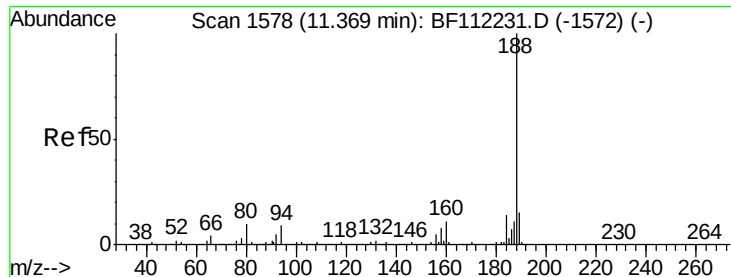
Abundance

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

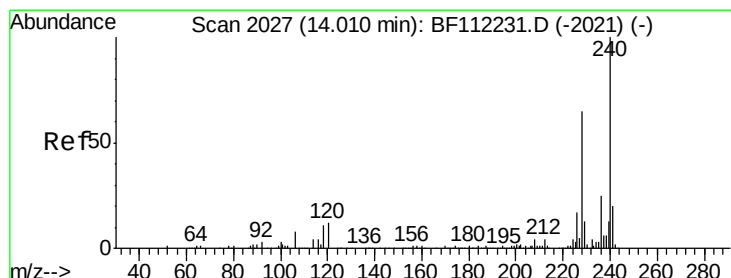
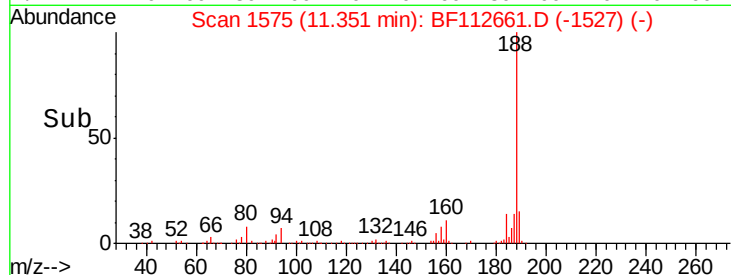
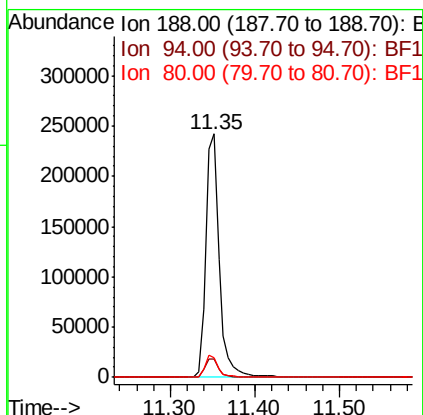
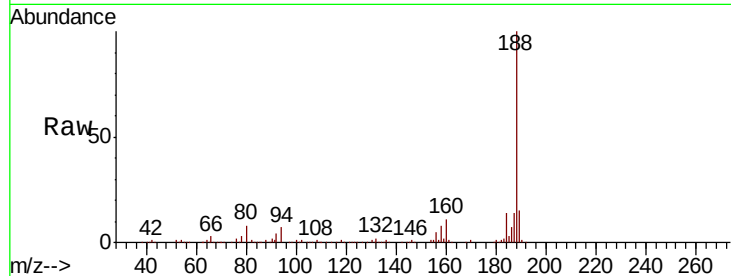




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

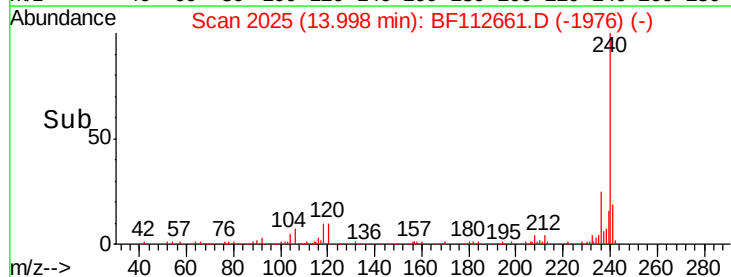
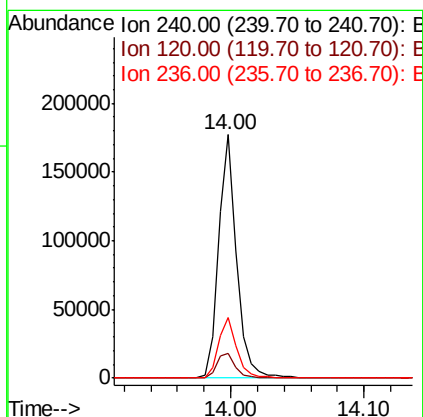
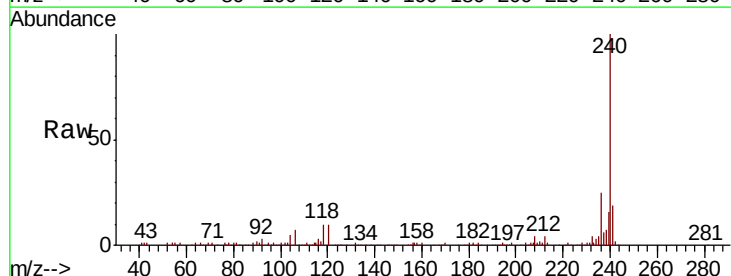
Instrument :
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NB-08-022019-BRE

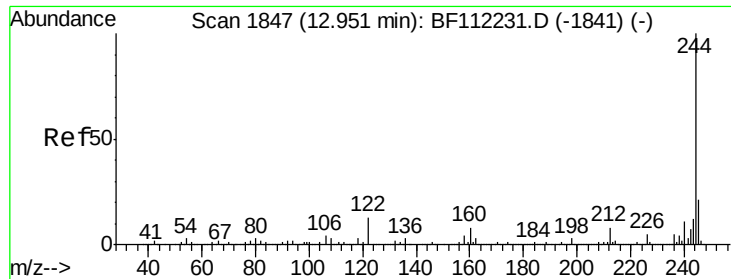
Tot Ion:188 Resp: 268367
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 8.2 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112661.D
Acq: 21 Feb 2019 19:07

Tgt Ion:240 Resp: 168402
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 24.8 20.7 31.1





#79

Terphenyl-d14

Concen: 14.078 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112661.D

Acq: 21 Feb 2019 19:07

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-BRE

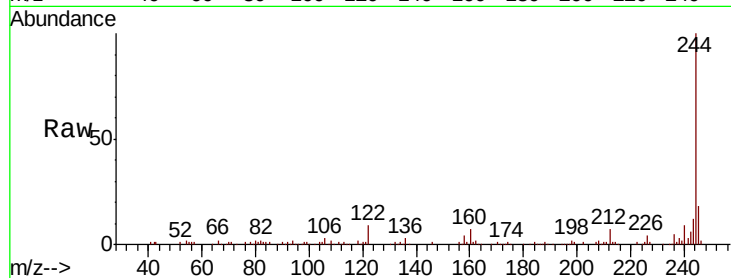
Tot Ion:244 Resp: 125870

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

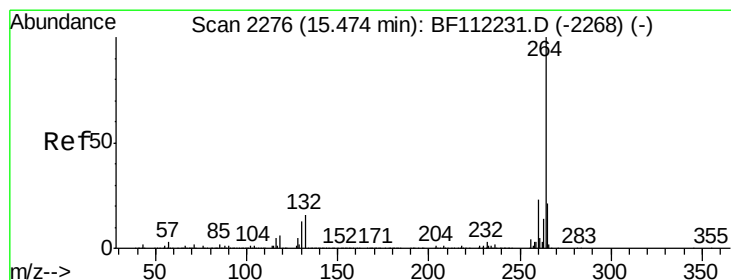
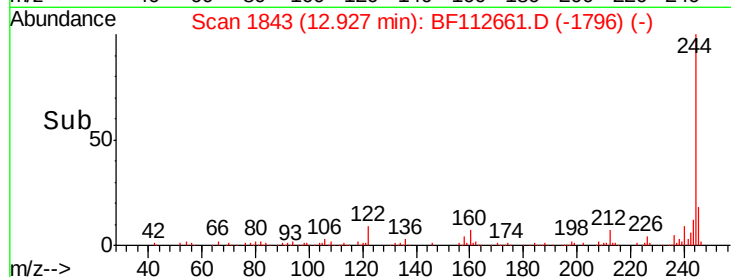
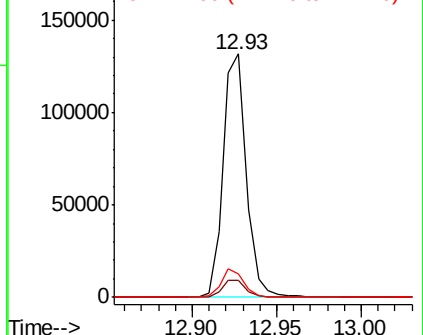
122 9.4 9.8 14.6#



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: BF112661.D

Acq: 21 Feb 2019 19:07

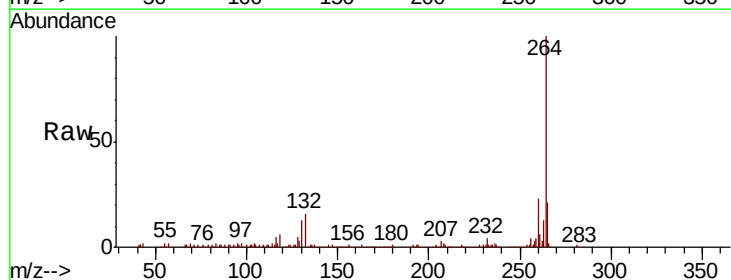
Tgt Ion:264 Resp: 171266

Ion Ratio Lower Upper

264 100

260 23.1 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

