

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112522.D
 Acq On : 12 Feb 2019 22:22
 Operator : JU/SJ
 Sample : K1343-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Quant Time: Feb 13 06:02:35 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

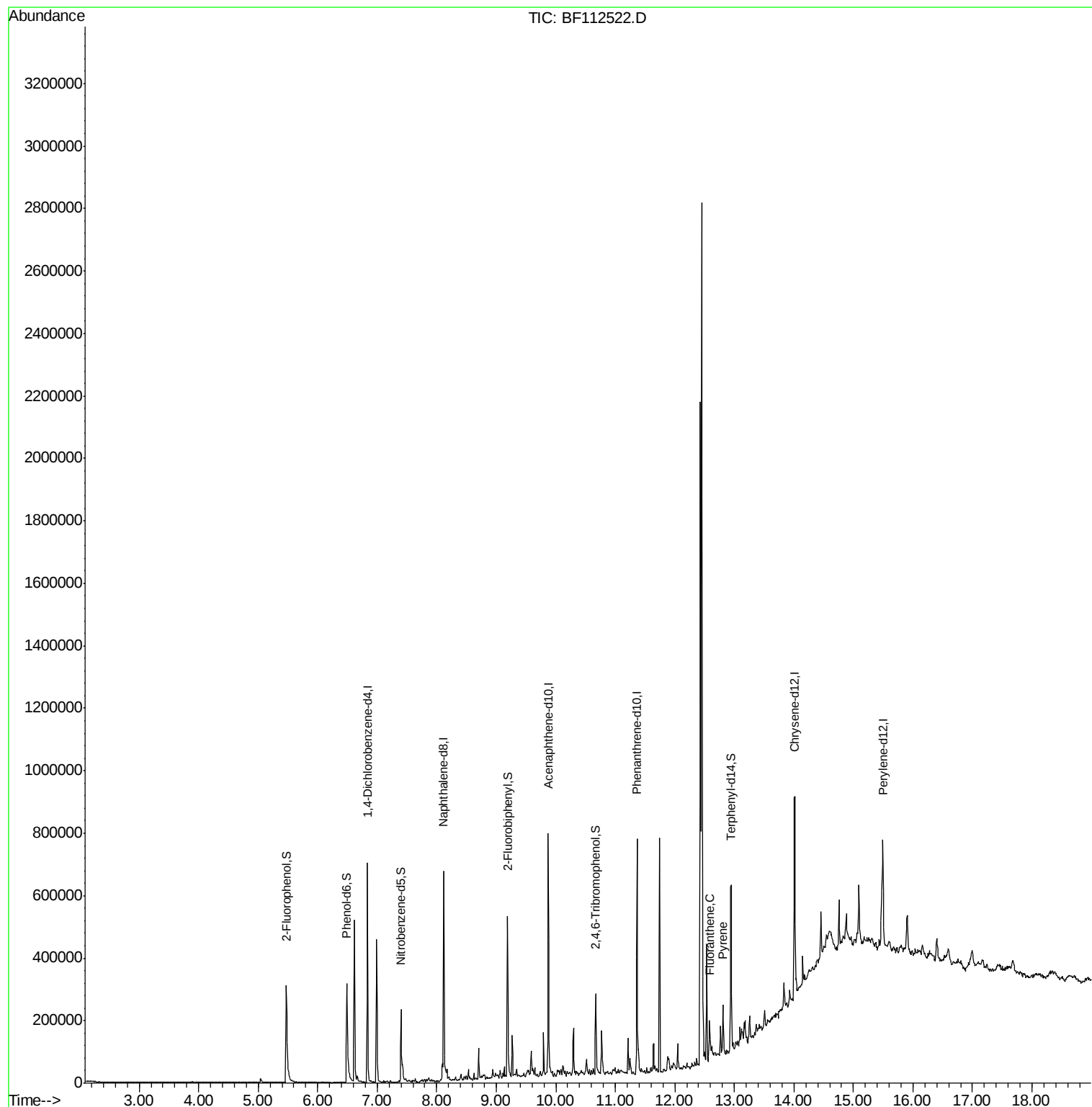
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105160	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	378039	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	147144	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	275569	20.00	ng	0.00
76) Chrysene-d12	14.02	240	231815	20.00	ng	0.00
87) Perylene-d12	15.49	264	173020	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	140365	28.35	ng	0.00
7) Phenol-d6	6.49	99	175959	25.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	97007	14.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	37176	21.71	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	184543	17.74	ng	-0.01
79) Terphenyl-d14	12.94	244	187369	15.22	ng	0.00
Target Compounds						
75) Fluoranthene	12.58	202	44888	2.921	ng	97
78) Pyrene	12.81	202	41330	2.575	ng	99

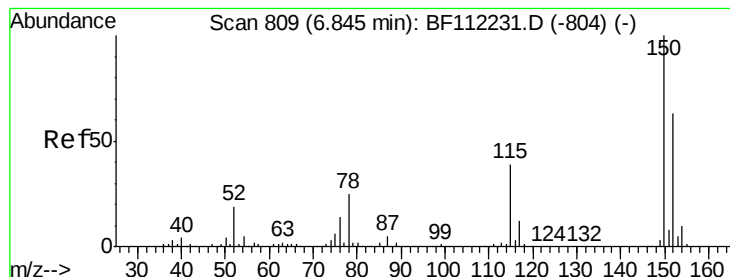
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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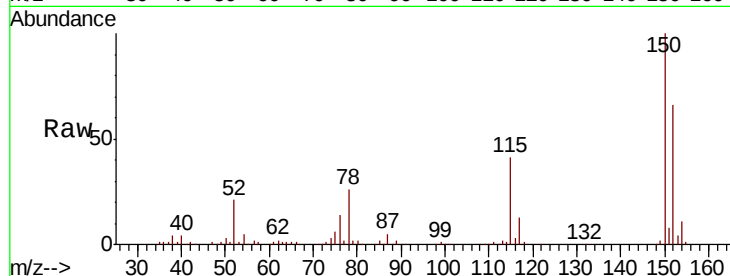




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.4	191.0
115	62.1	45.5	68.3

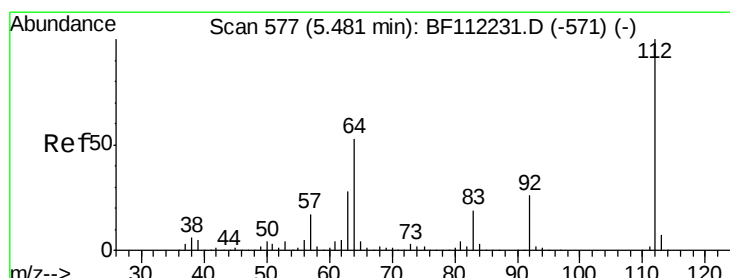
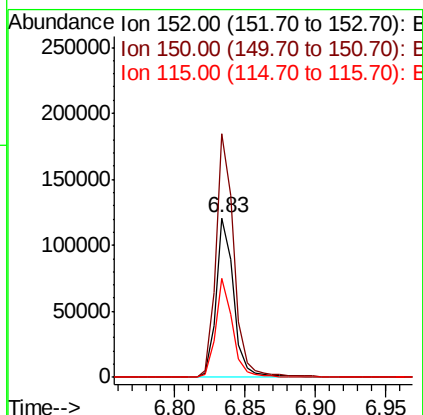
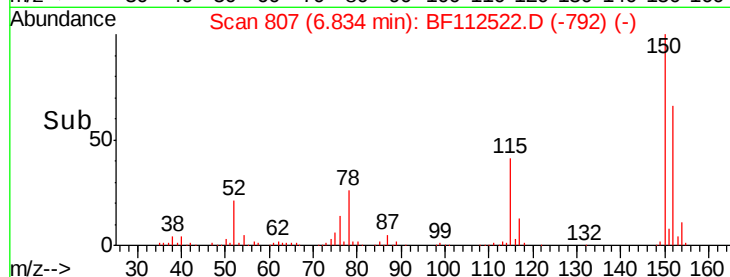


Abundance

Ion 152.00 (151.70 to 152.70): E

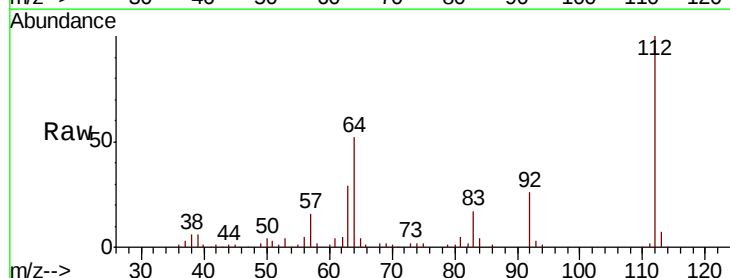
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 28.352 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	45.7	68.5
63	28.7	23.6	35.4

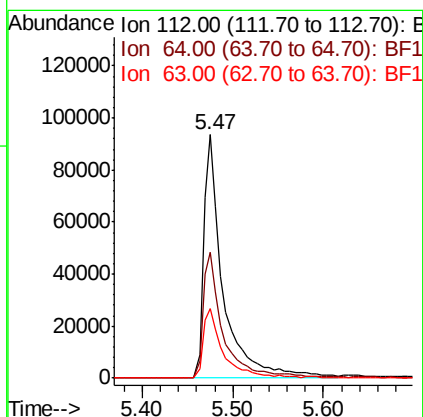
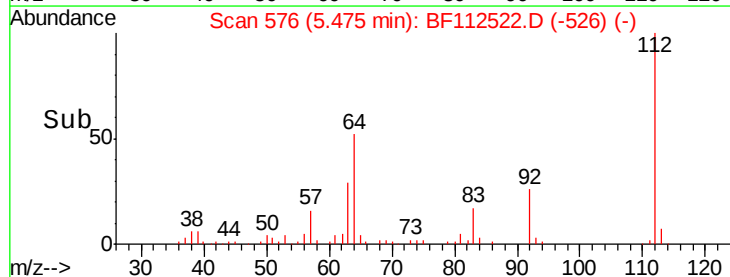


Abundance

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: 25.577 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112522.D

Acq: 12 Feb 2019 22:22

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

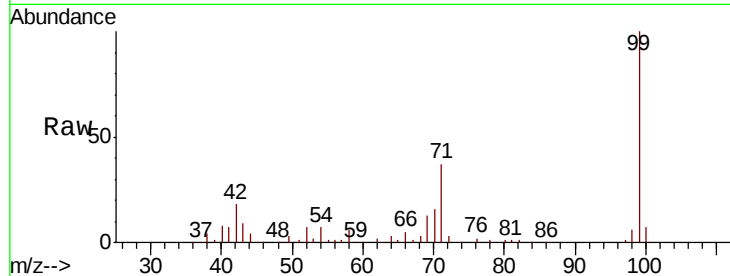
Tot Ion: 99 Resp: 175959

Ion Ratio Lower Upper

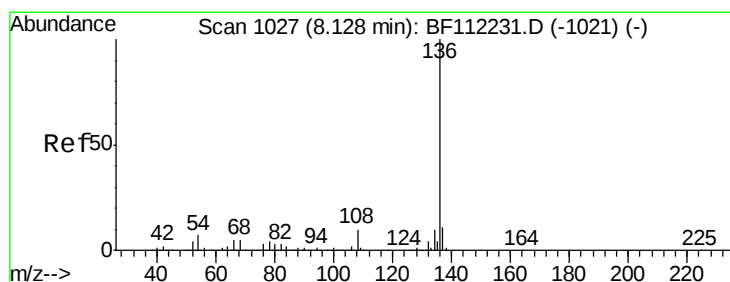
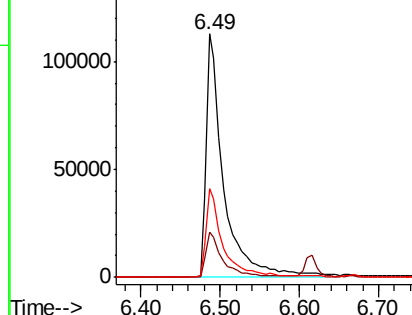
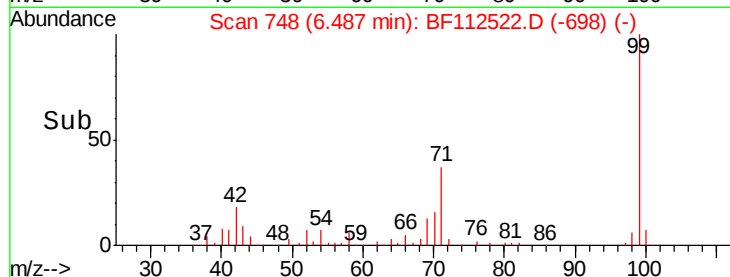
99 100

42 18.4 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112522.D

Acq: 12 Feb 2019 22:22

Tgt Ion: 136 Resp: 378039

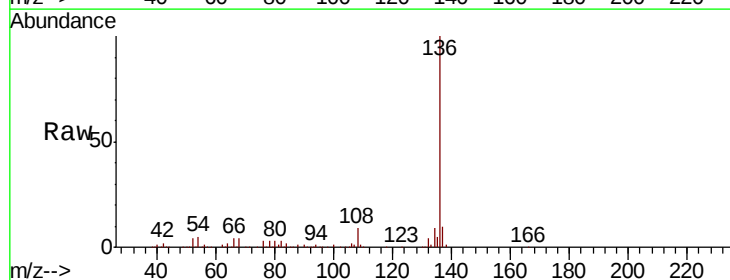
Ion Ratio Lower Upper

136 100

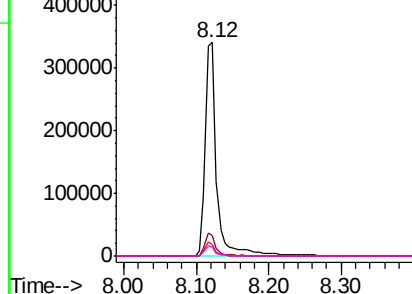
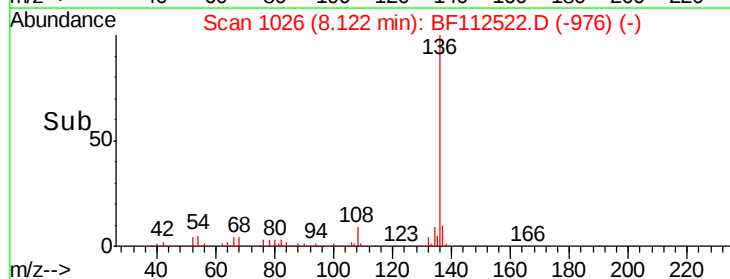
137 9.7 9.1 13.7

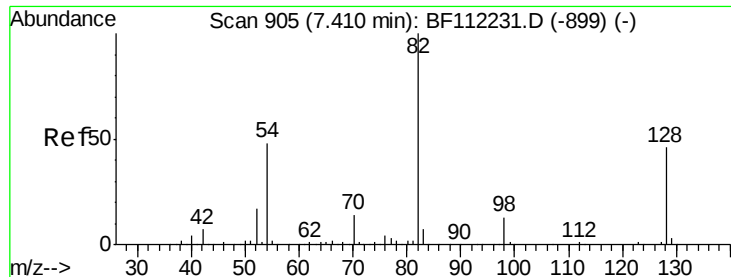
54 5.4 5.9 8.9#

68 4.0 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

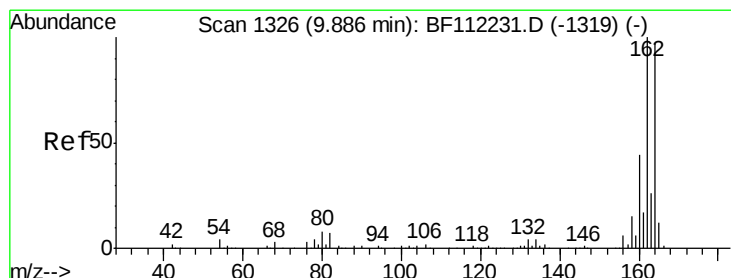
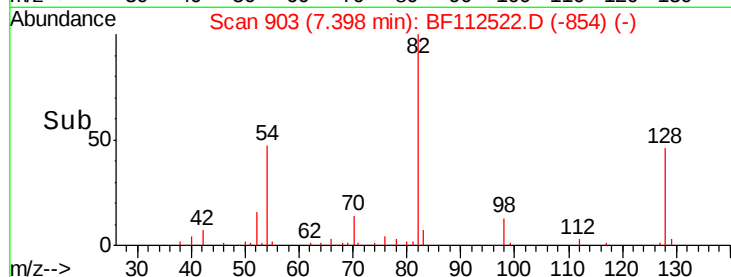
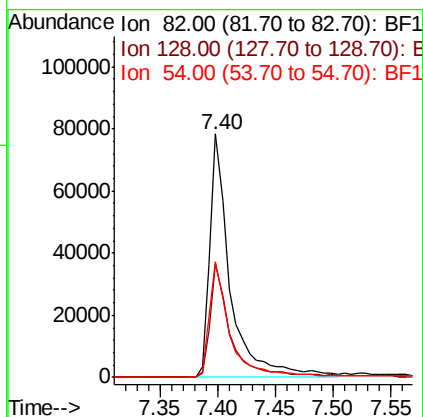
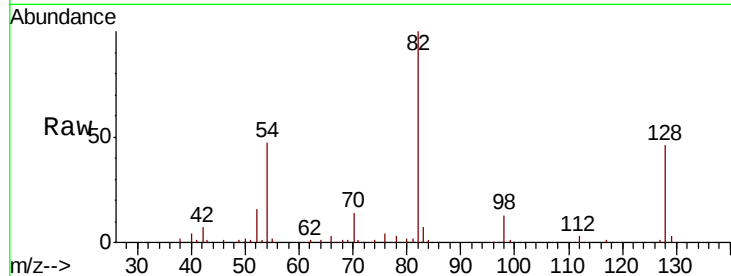




#23
 Nitrobenzene-d5
 Concen: 14.786 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

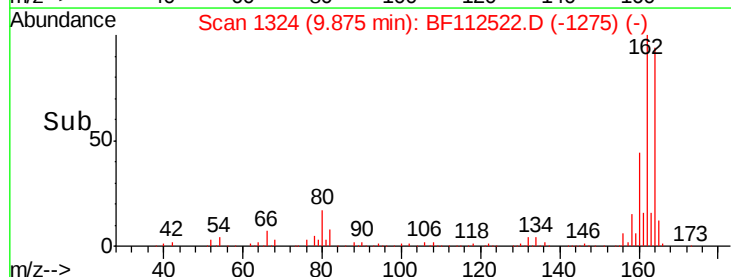
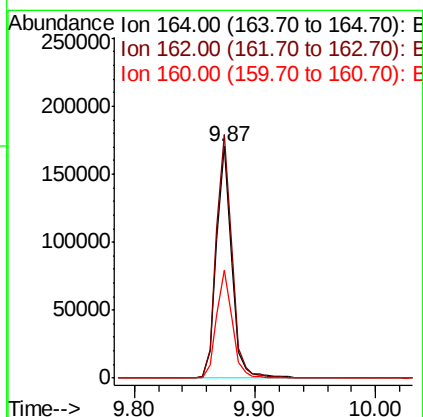
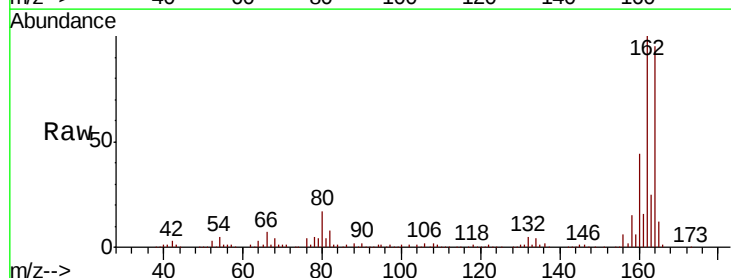
Instrument :
 BNA_F
 ClientSampleID :
 JC-02-021119-C

Tot Ion	82	Resp	97007
Ion Ratio	Lower	Upper	
82	100		
128	46.4	37.8	56.8
54	47.2	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Tgt Ion	164	Resp	147144
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.2	123.4
160	46.6	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 21.706 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112522.D

Acq: 12 Feb 2019 22:22

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-C

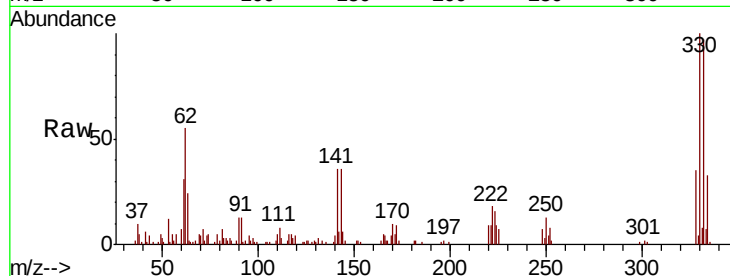
Tot Ion:330 Resp: 37176

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

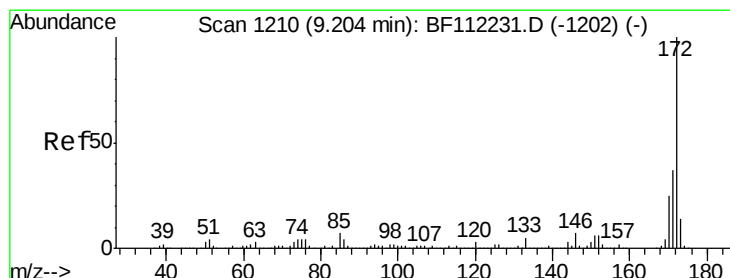
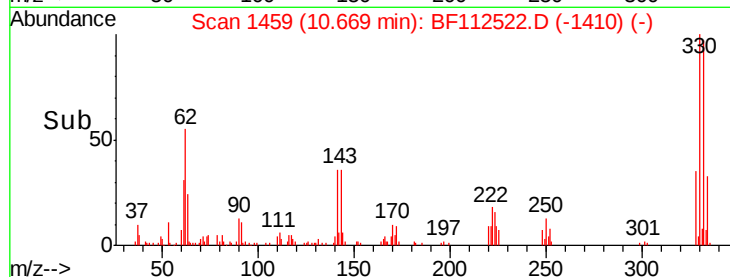
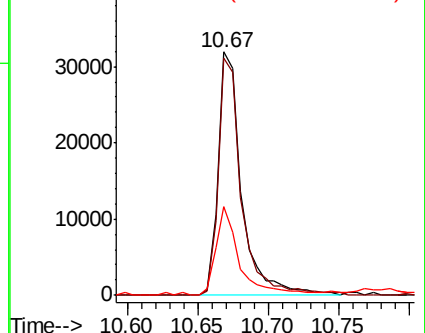
141 36.1 24.3 36.5



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: 17.738 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112522.D

Acq: 12 Feb 2019 22:22

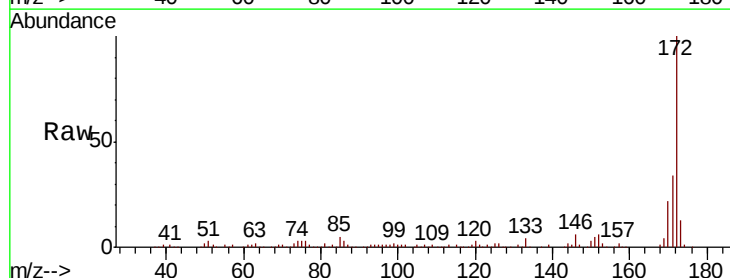
Tgt Ion:172 Resp: 184543

Ion Ratio Lower Upper

172 100

171 34.1 30.5 45.7

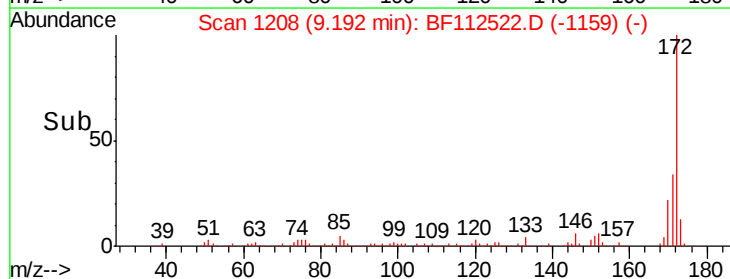
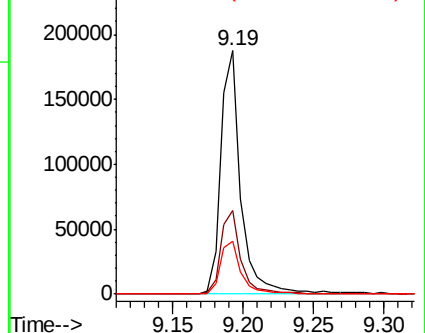
170 21.8 20.2 30.4



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

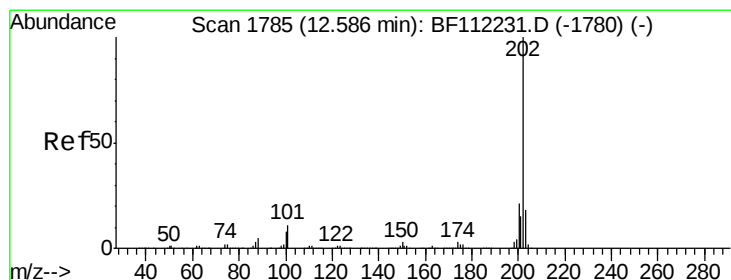
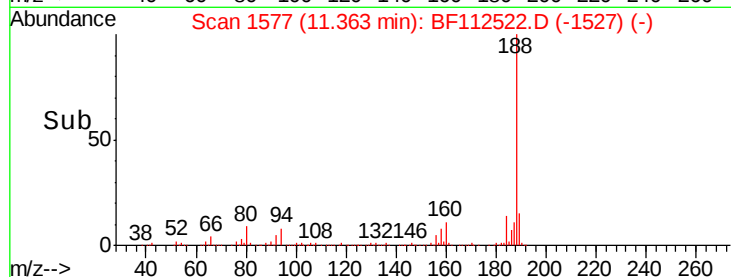
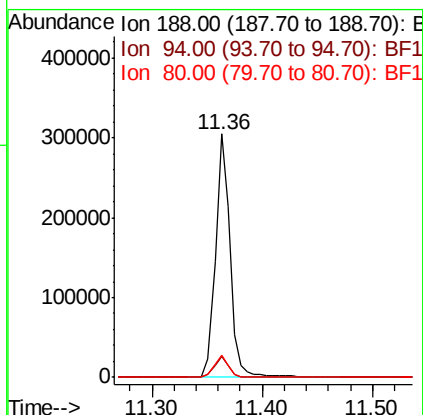
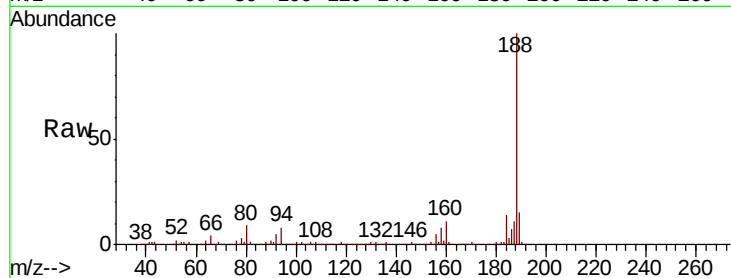




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112522.D
Acq: 12 Feb 2019 22:22

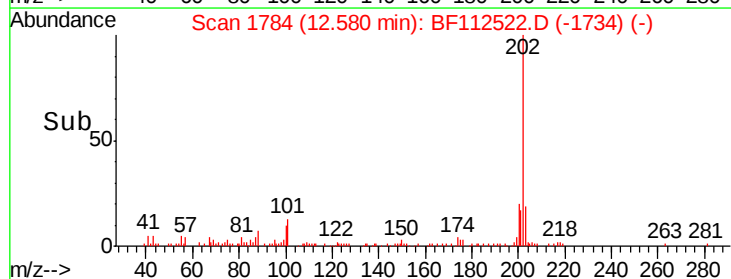
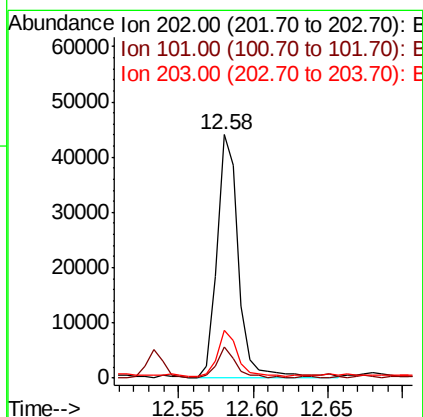
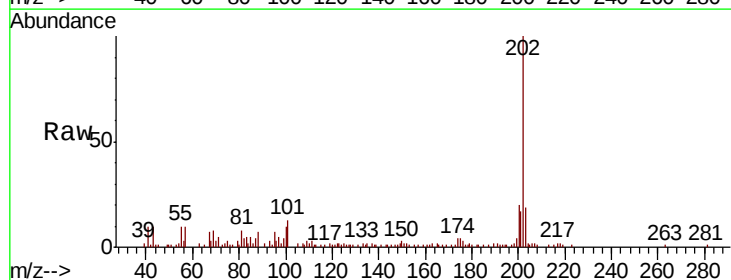
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-C

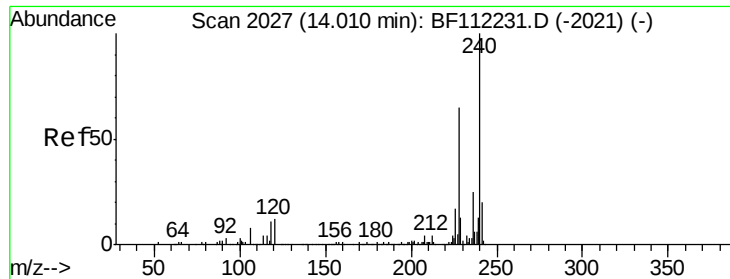
Tot Ion:188 Resp: 275569
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.3 8.9 13.3



#75
Fluoranthene
Concen: 2.921 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112522.D
Acq: 12 Feb 2019 22:22

Tgt Ion:202 Resp: 44888
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.8
203 19.4 0.0 38.4

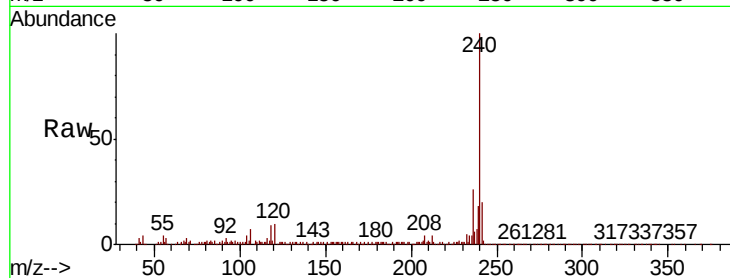




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	26.1	20.7	31.1

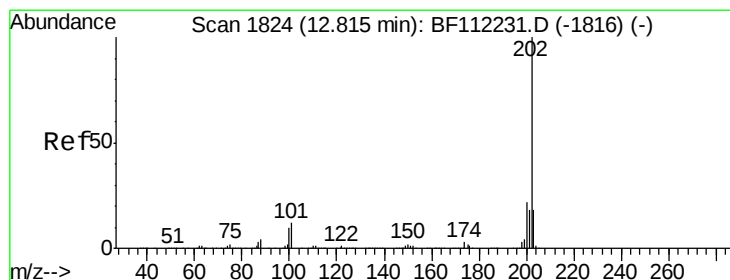
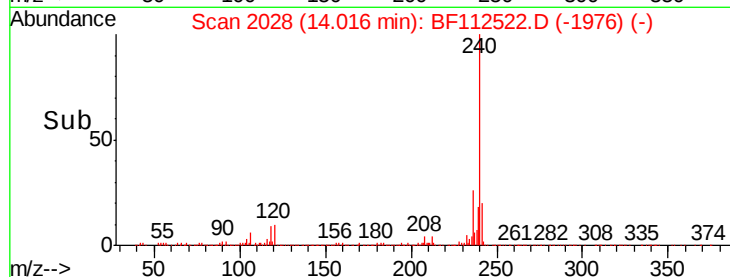
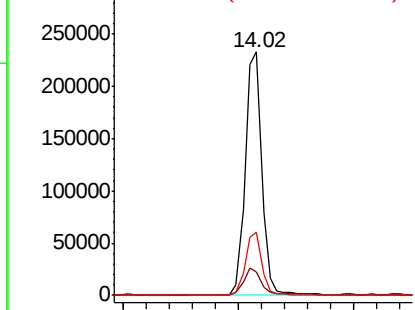


Abundance

Ion 240.00 (239.70 to 240.70): E

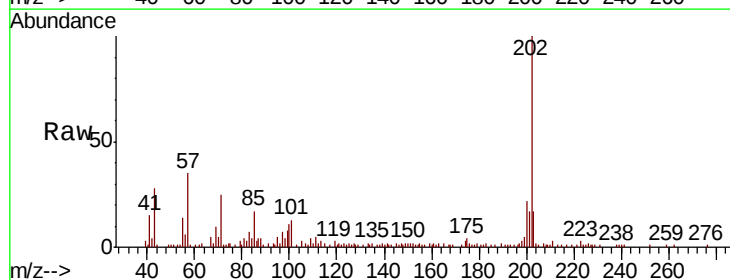
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
 Pyrene
 Concen: 2.575 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.1	14.6	22.0

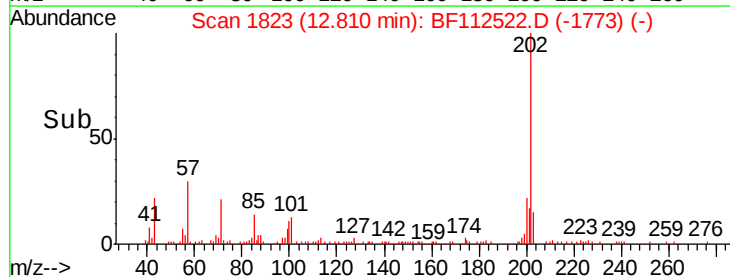
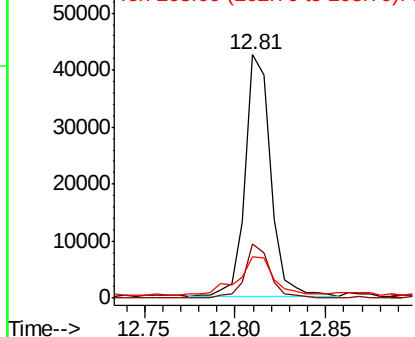


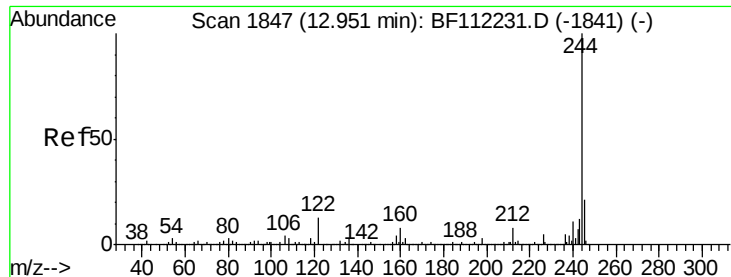
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

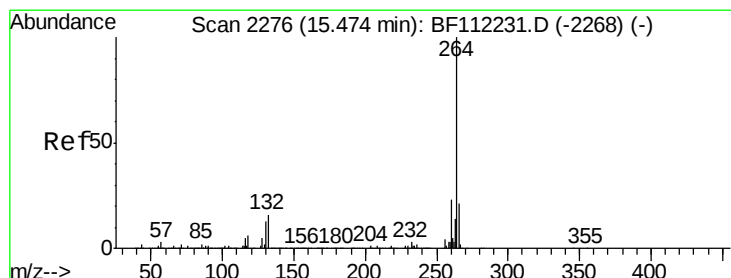
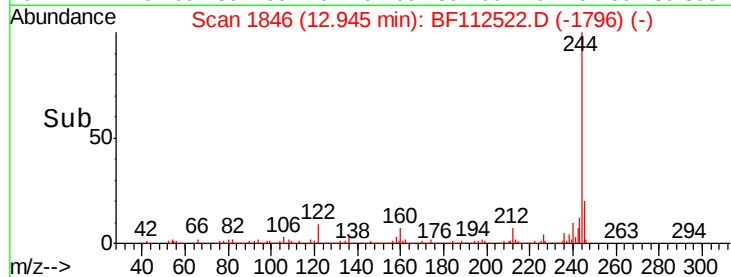
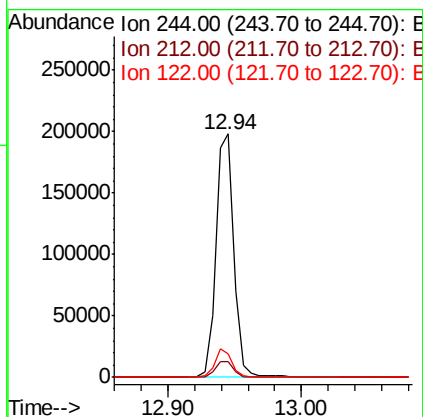
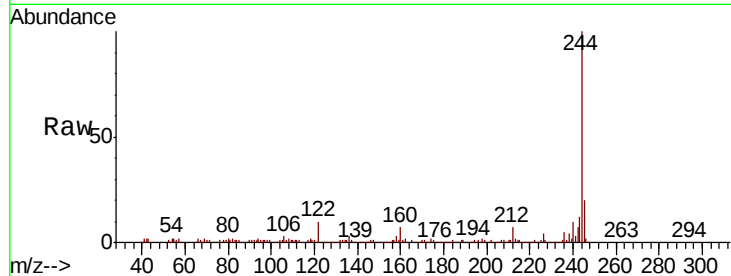




#79
 Terphenyl-d14
 Concen: 15.223 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-C

Tot Ion:244 Resp: 187369
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.5 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF112522.D
 Acq: 12 Feb 2019 22:22

Tgt Ion:264 Resp: 173020
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.2 27.2
 265 21.8 17.0 25.4

