

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116251.D
 Acq On : 14 Aug 2019 00:50
 Operator : HP/JU
 Sample : K4321-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Aug 14 02:07:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

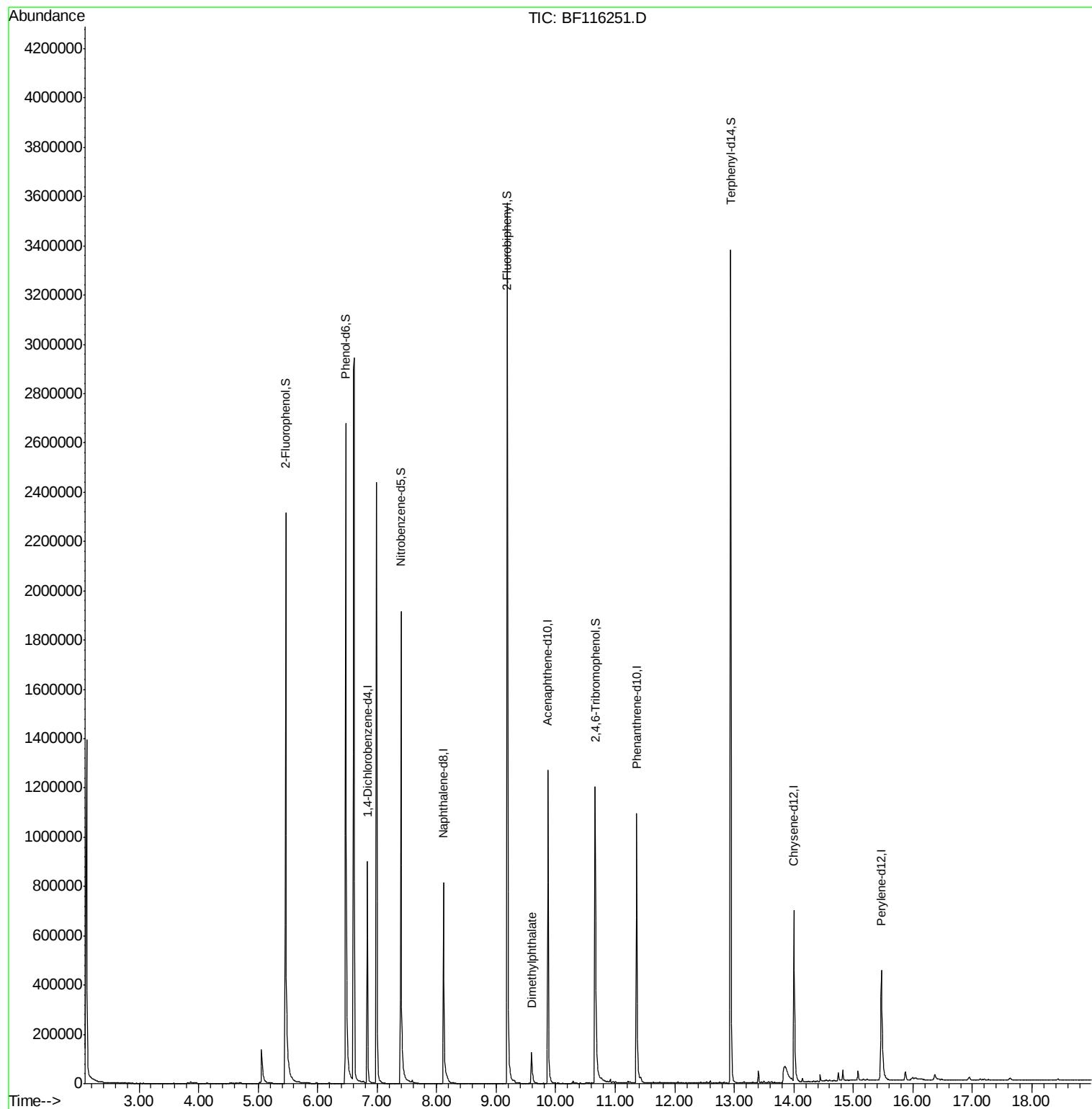
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134782	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	535493	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279298	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	485992	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	311539	20.00	ng	0.00
87) Perylene-d12	15.47	264	318495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	846095	105.09	ng	0.00
7) Phenol-d6	6.47	99	1121752	110.43	ng	-0.01
23) Nitrobenzene-d5	7.40	82	725380	78.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	223266	82.45	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1287981	86.38	ng	-0.02
79) Terphenyl-d14	12.94	244	1300635	87.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	96997	5.101	ng	Qvalue 100

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

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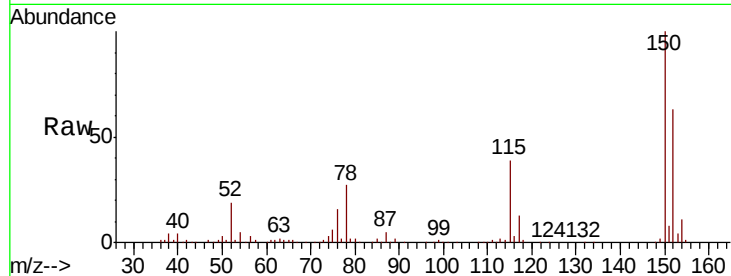


#1

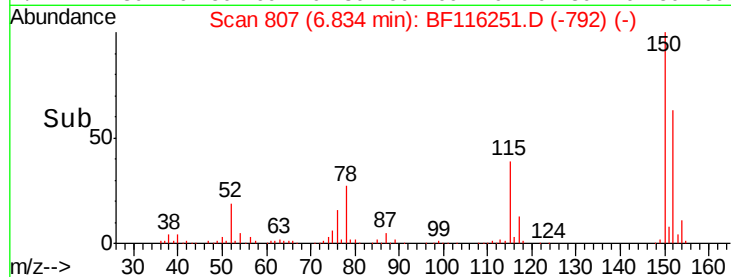
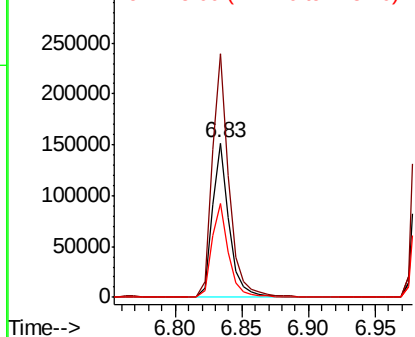
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 134782
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.0 49.9 74.9



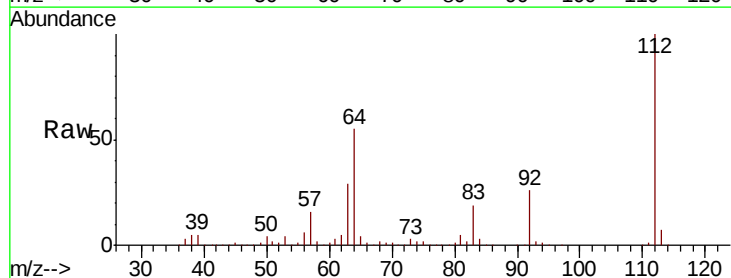
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



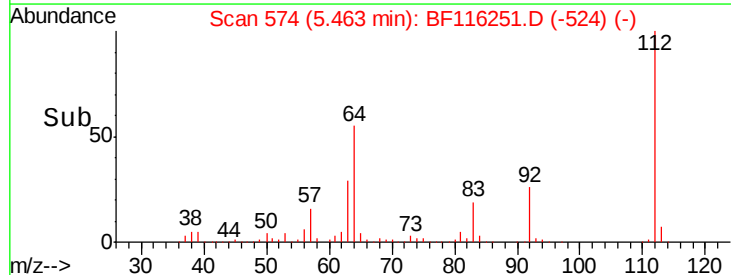
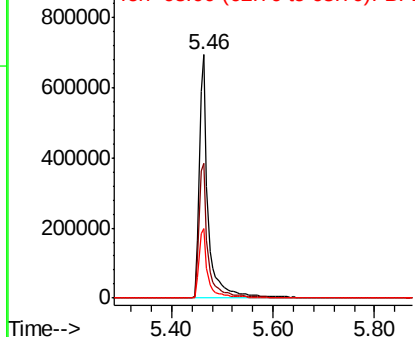
#5

2-Fluorophenol
Concen: 105.089 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

Tgt Ion:112 Resp: 846095
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.2
63 28.7 23.7 35.5



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: 110.430 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

Instrument :

BNA_F

ClientSampled :

SP-1

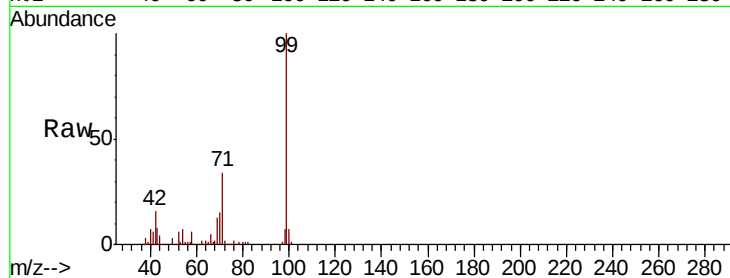
Tot Ion: 99 Resp: 1121752

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

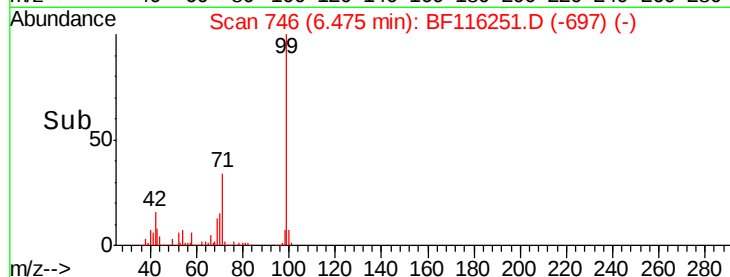
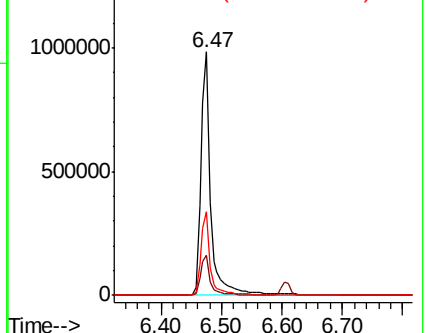
71 34.2 27.3 40.9



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: BF116251.D

Acq: 14 Aug 2019 00:50

Tgt Ion: 136 Resp: 535493

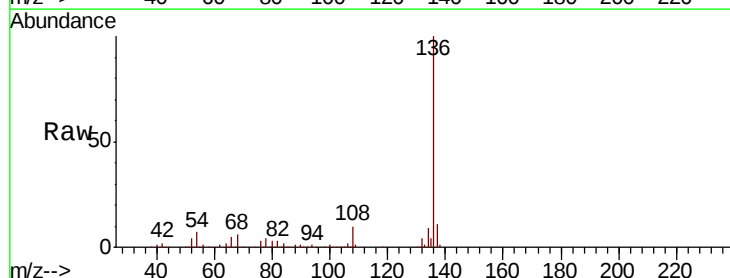
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 5.8 8.6

68 5.6 5.2 7.8

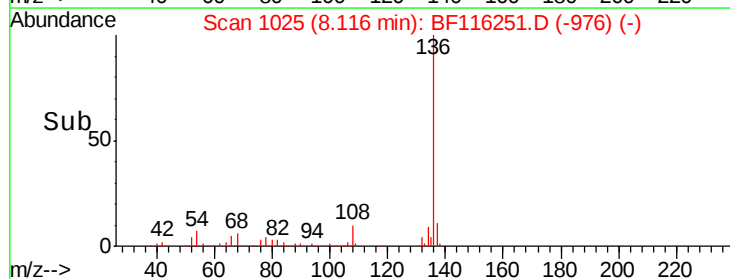
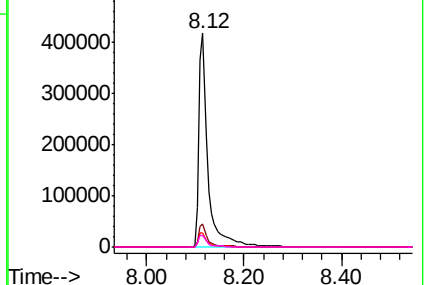


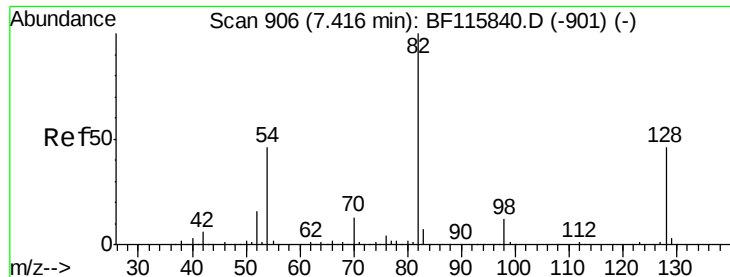
Abundance Ion 136.00 (135.70 to 136.70): E

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

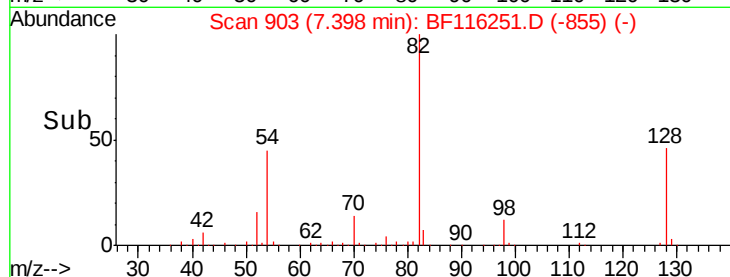
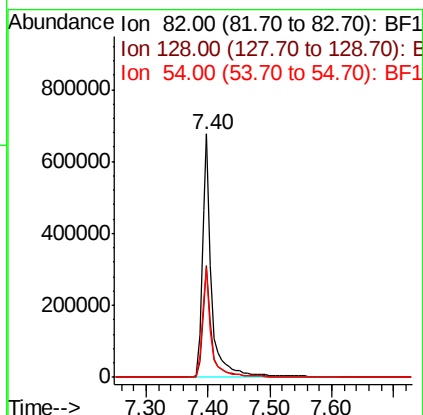
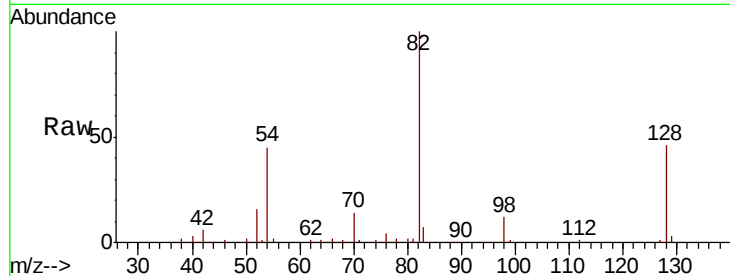




#23
 Nitrobenzene-d5
 Concen: 78.192 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

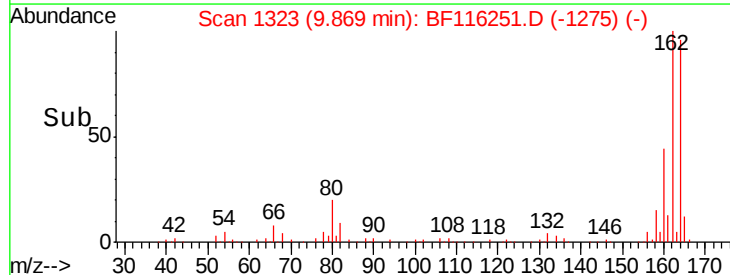
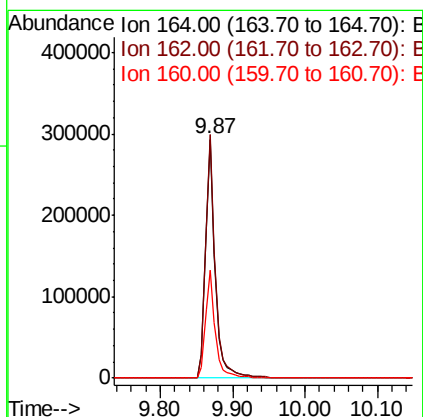
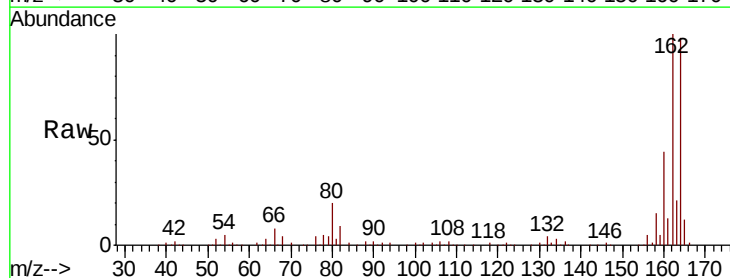
Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion: 82 Resp: 725380
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 44.6 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Tgt Ion: 164 Resp: 279298
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 124.0
 160 45.3 37.6 56.4

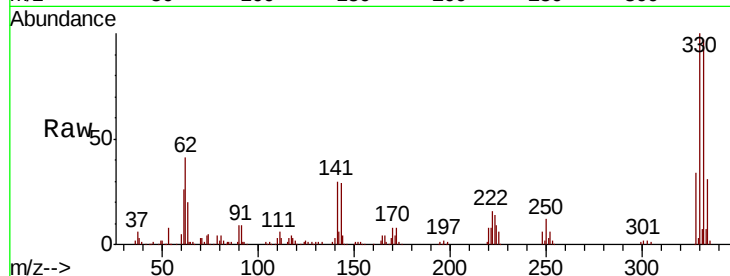




#42
 2,4,6-Tribromophenol
 Concen: 82.451 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.8	115.2
141	35.4	26.3	39.5

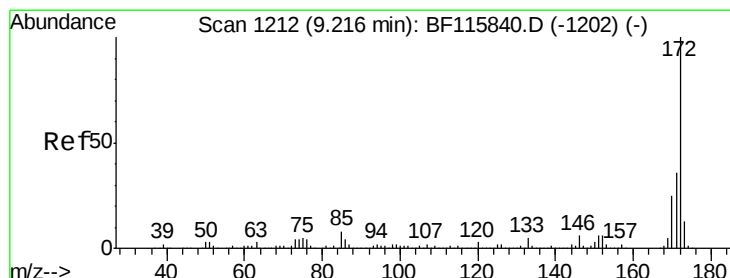
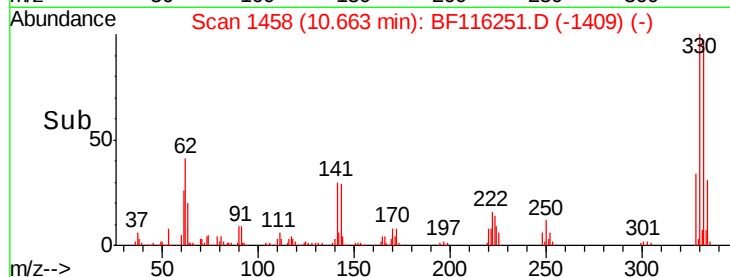
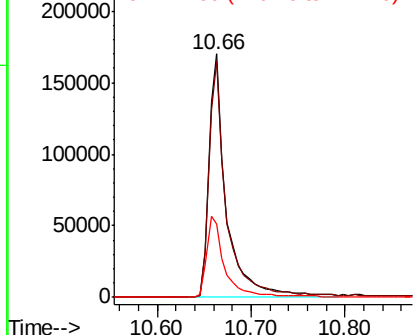


Abundance

Ion 329.80 (329.50 to 330.50): E

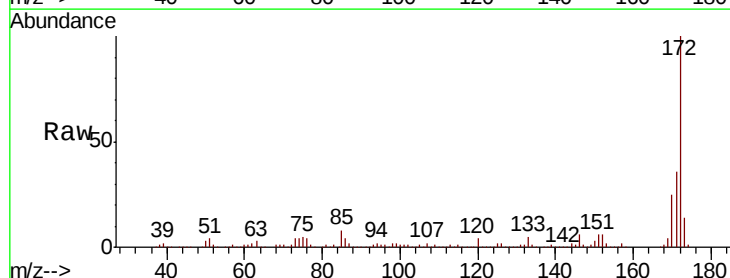
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.377 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.9	20.1	30.1

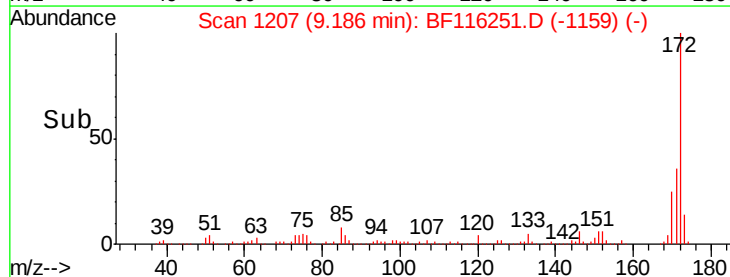
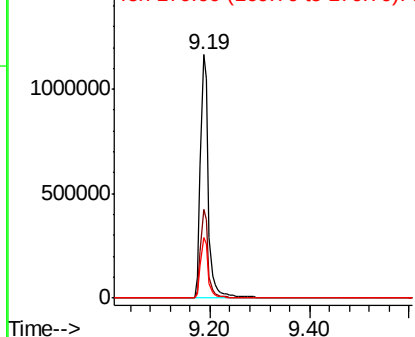


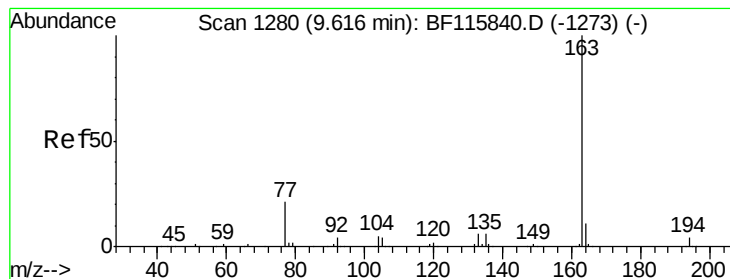
Abundance

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: 5.101 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

Instrument :

BNA_F

ClientSampleId :

SP-1

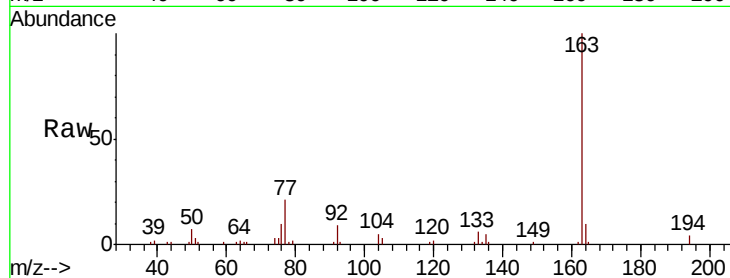
Tot Ion:163 Resp: 96997

Ion Ratio Lower Upper

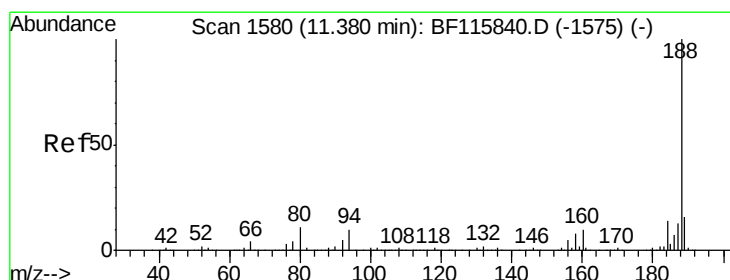
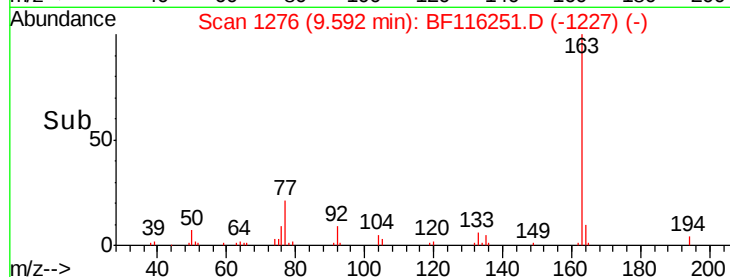
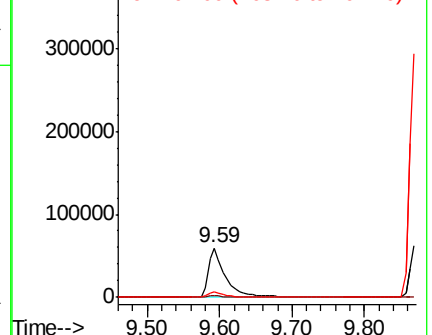
163 100

194 3.9 3.0 4.6

164 10.4 8.4 12.6



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: BF116251.D

Acq: 14 Aug 2019 00:50

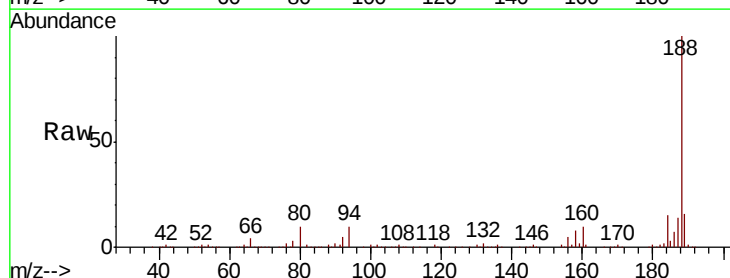
Tgt Ion:188 Resp: 485992

Ion Ratio Lower Upper

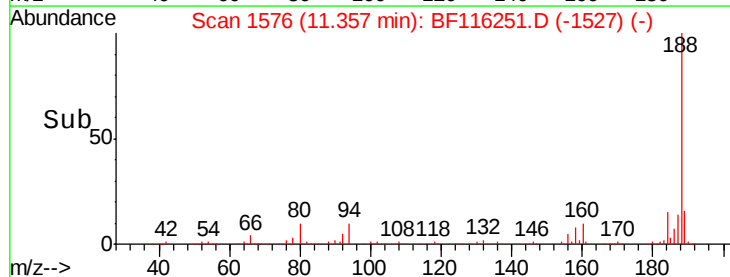
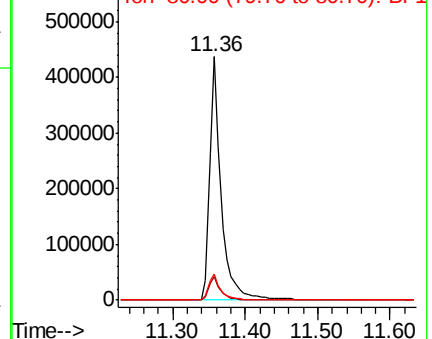
188 100

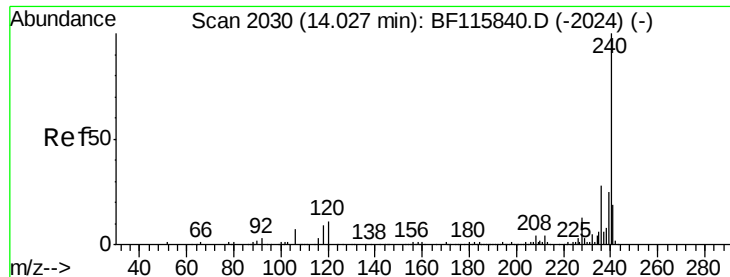
94 9.8 8.1 12.1

80 10.5 8.7 13.1



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

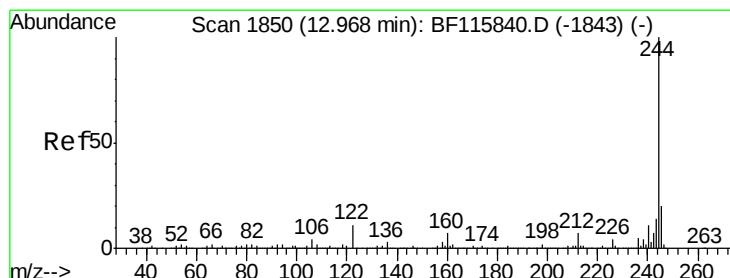
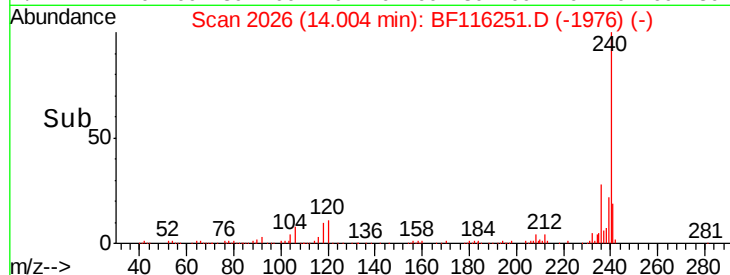
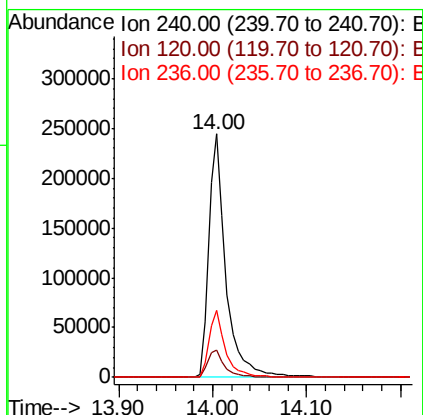
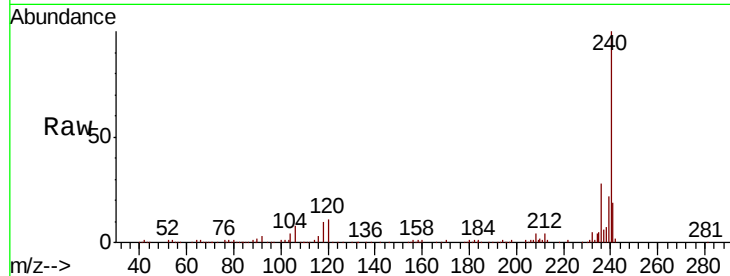




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

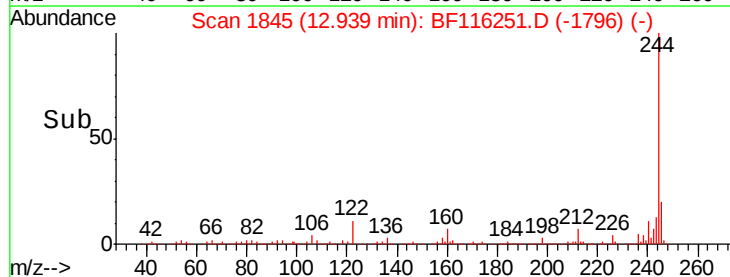
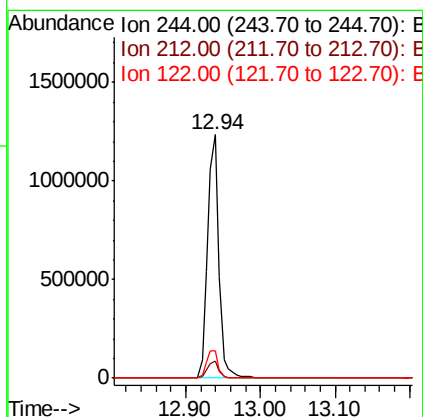
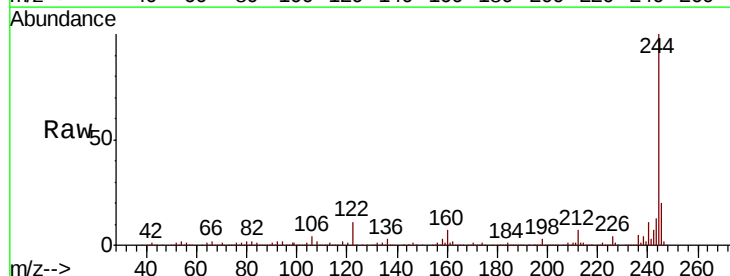
Instrument :
BNA_F
ClientSampleId :
SP-1

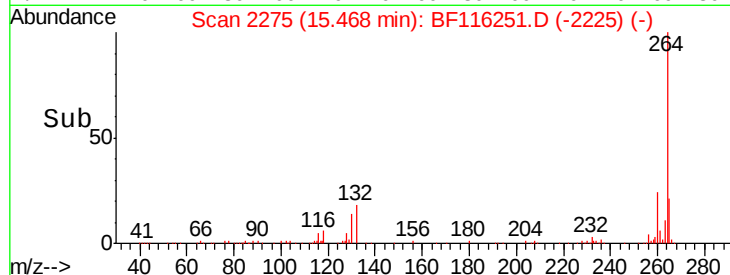
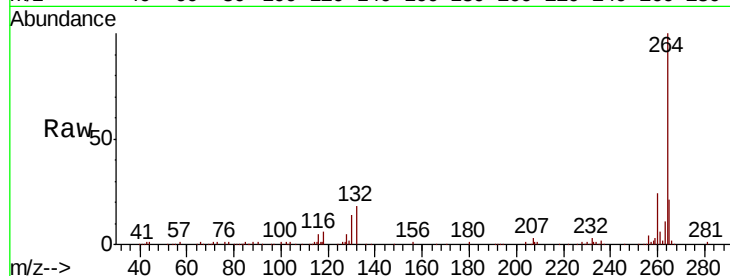
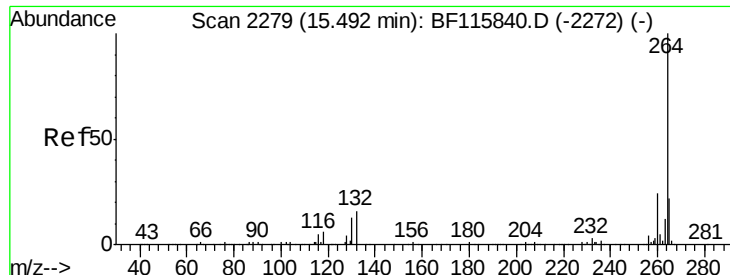
Tot Ion:240 Resp: 311539
Ion Ratio Lower Upper
240 100
120 11.2 10.7 16.1
236 27.5 22.2 33.2



#79
Terphenyl-d14
Concen: 87.971 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

Tgt Ion:244 Resp: 1300635
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 11.3 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:	264	Resp:	318495
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.0	17.4	26.0

