

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116821.D
 Acq On : 4 Sep 2019 17:48
 Operator : HP/JU
 Sample : K4639-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-03

Quant Time: Sep 05 04:11:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

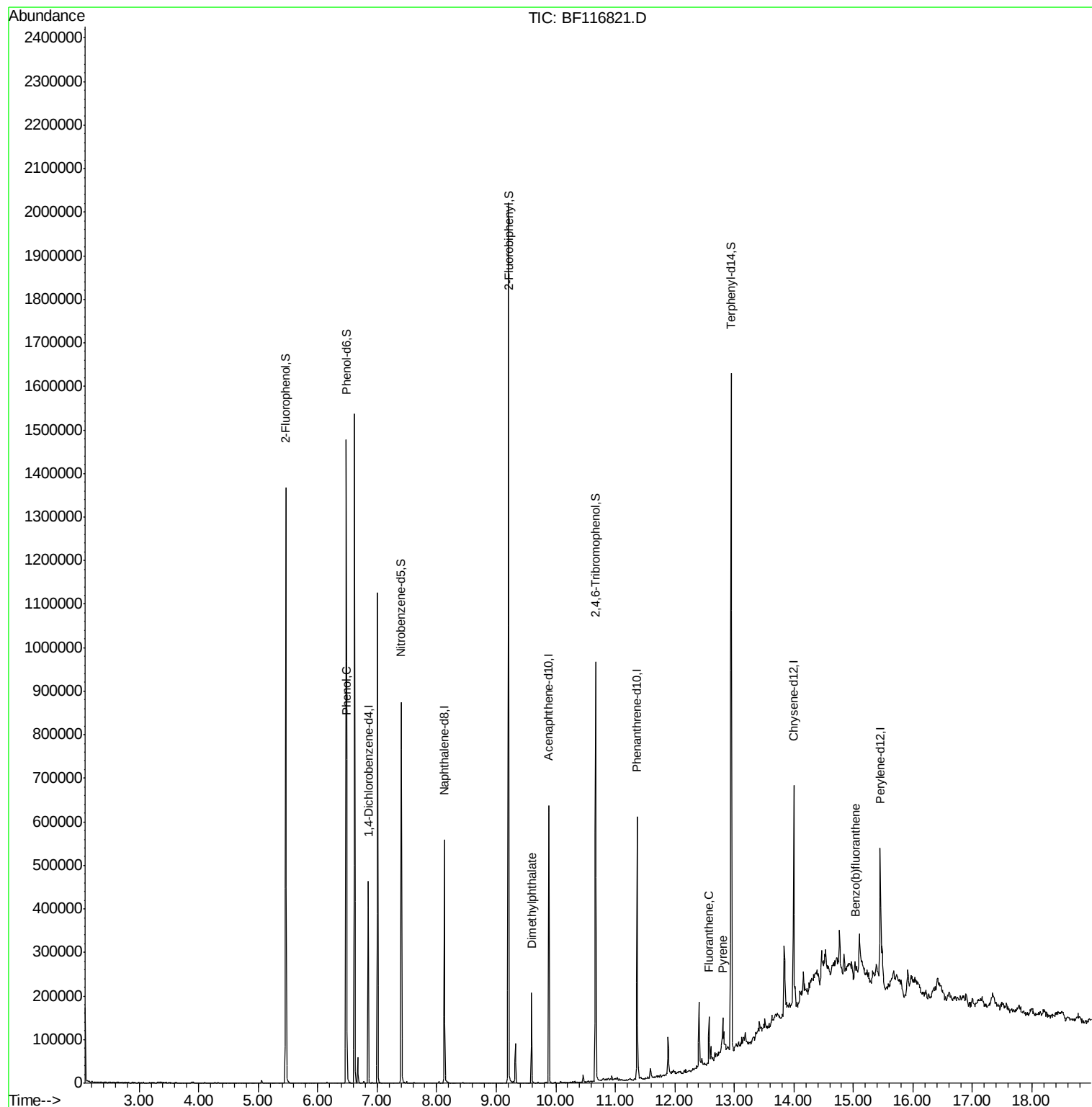
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	67817	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	266641	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	135406	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	205266	20.00	ng	0.00
76) Chrysene-d12	14.00	240	149167	20.00	ng	0.00
87) Perylene-d12	15.45	264	140831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	368420	88.01	ng	0.00
7) Phenol-d6	6.48	99	496172	90.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	301798	64.61	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	91352	100.92	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	549405	68.45	ng	0.00
79) Terphenyl-d14	12.94	244	468887	58.15	ng	0.00
Target Compounds						
10) Phenol	6.49	94	14031	2.305	ng	97
50) Dimethylphthalate	9.59	163	73083	7.818	ng	99
75) Fluoranthene	12.57	202	34297	3.054	ng	97
78) Pyrene	12.80	202	28918	2.181	ng	98
88) Benzo(b)fluoranthene	15.03	252	20517m	2.410	ng	

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

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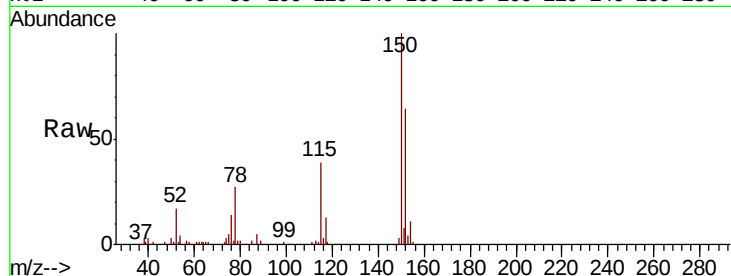


#1

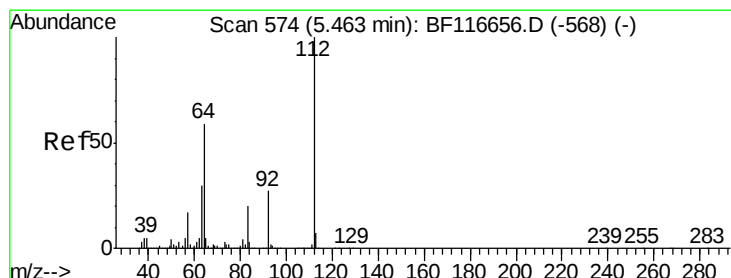
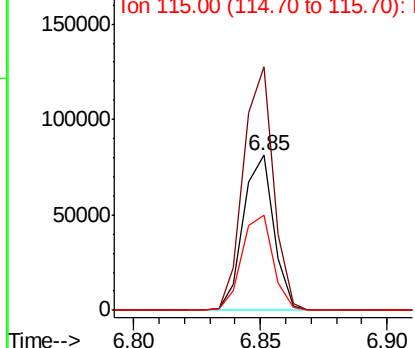
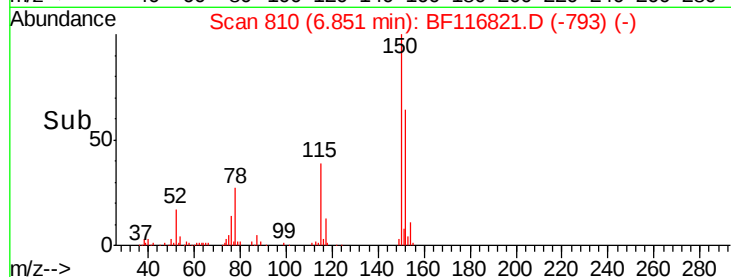
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Instrument :
BNA_F
ClientSampleId :
DW-03

Tot Ion:152 Resp: 67817
Ion Ratio Lower Upper
152 100
150 157.0 124.4 186.6
115 61.1 49.9 74.9



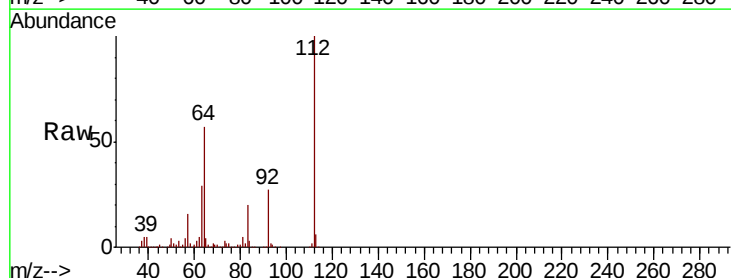
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



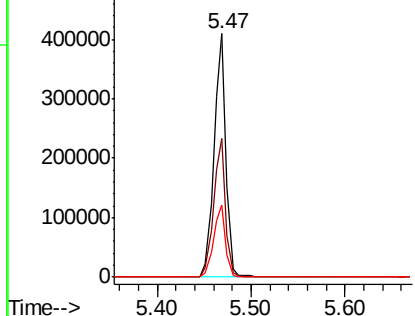
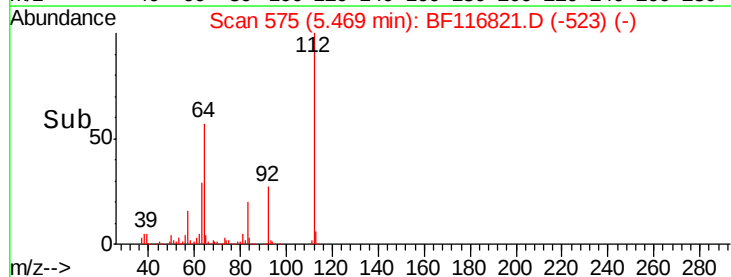
#5

2-Fluorophenol
Concen: 88.011 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Tgt Ion:112 Resp: 368420
Ion Ratio Lower Upper
112 100
64 57.1 47.1 70.7
63 29.4 24.9 37.3



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: 90.266 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116821.D

Acq: 4 Sep 2019 17:48

Instrument :

BNA_F

ClientSampleId :

DW-03

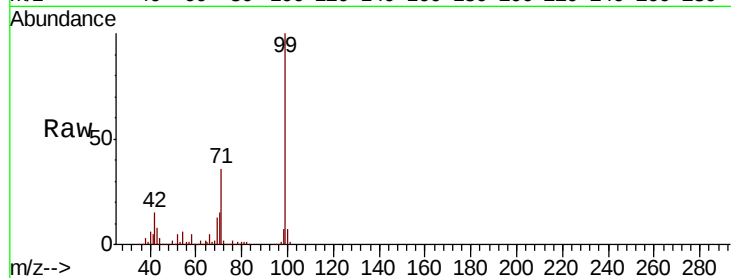
Tot Ion: 99 Resp: 496172

Ion Ratio Lower Upper

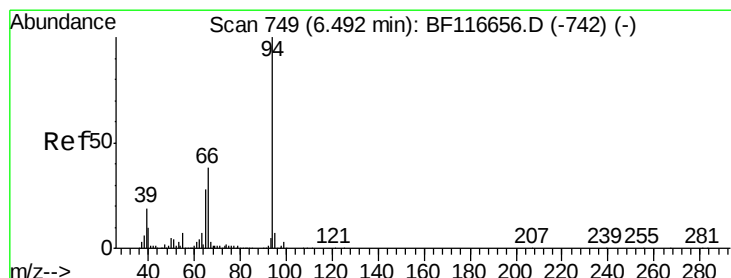
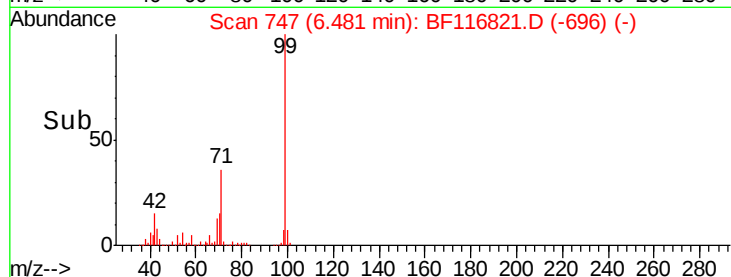
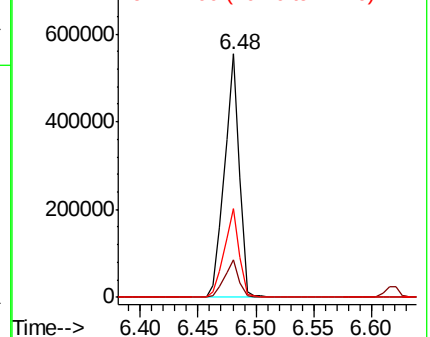
99 100

42 15.5 13.7 20.5

71 36.4 30.8 46.2



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



#10

Phenol

Concen: 2.305 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116821.D

Acq: 4 Sep 2019 17:48

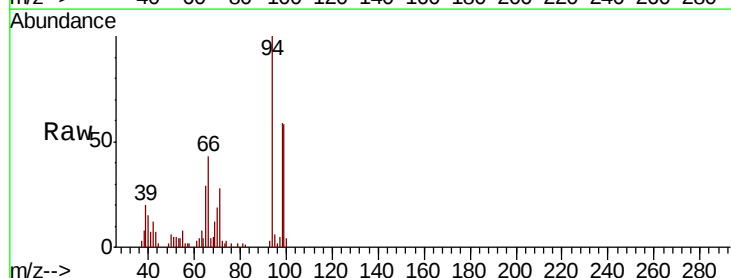
Tgt Ion: 94 Resp: 14031

Ion Ratio Lower Upper

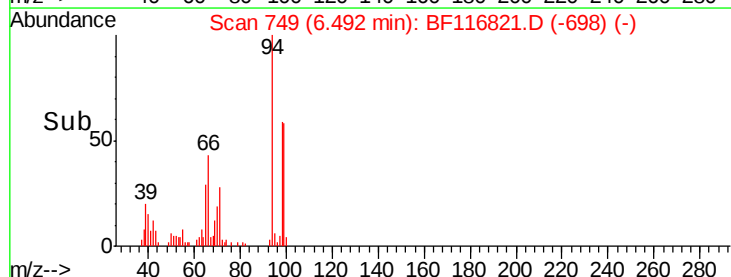
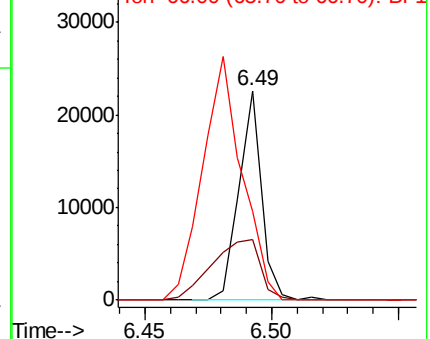
94 100

65 28.8 10.8 50.8

66 42.6 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116821.D

Acq: 4 Sep 2019 17:48

Instrument :

BNA_F

ClientSampleId :

DW-03

Tot Ion:136 Resp: 266641

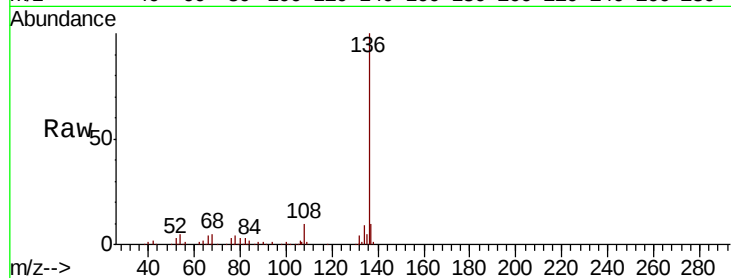
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 4.5 4.8 7.2#

68 4.5 4.0 6.0

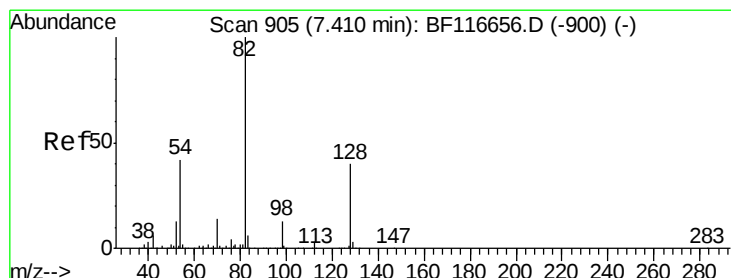
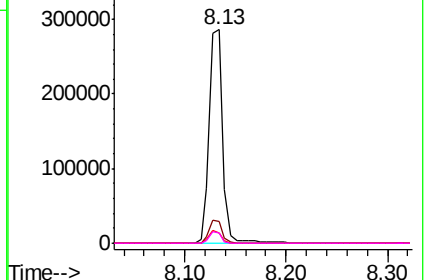
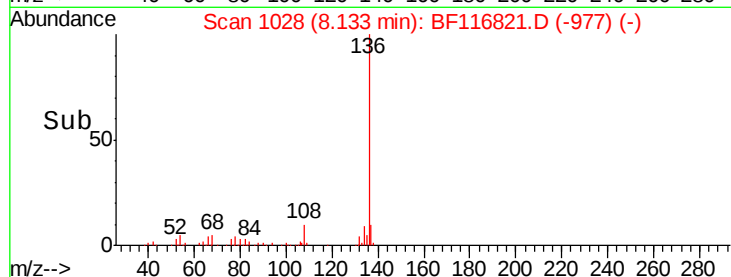


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.614 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116821.D

Acq: 4 Sep 2019 17:48

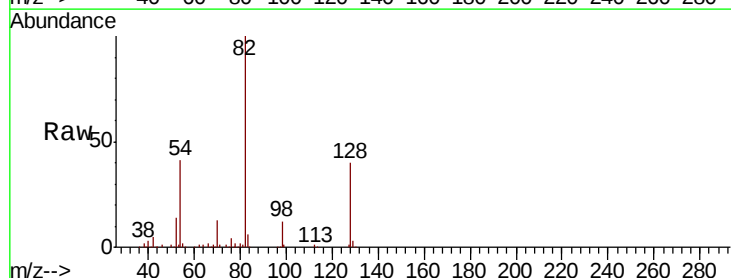
Tgt Ion: 82 Resp: 301798

Ion Ratio Lower Upper

82 100

128 39.6 32.8 49.2

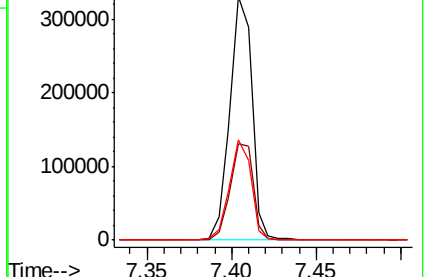
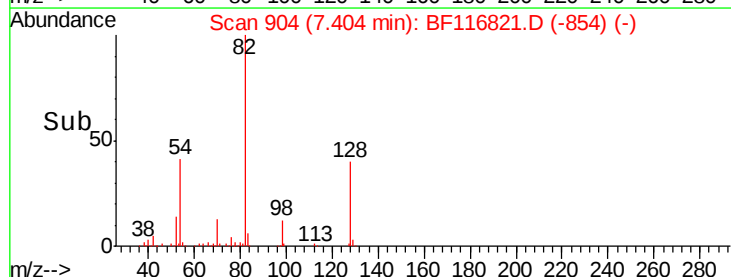
54 41.1 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

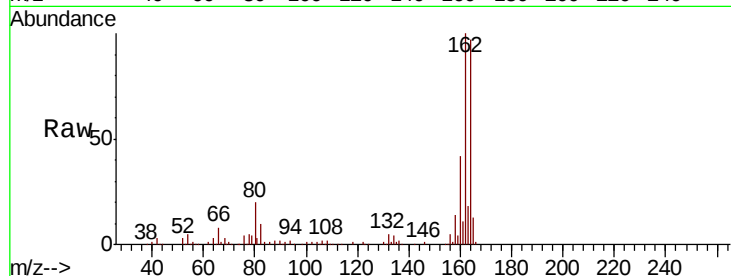




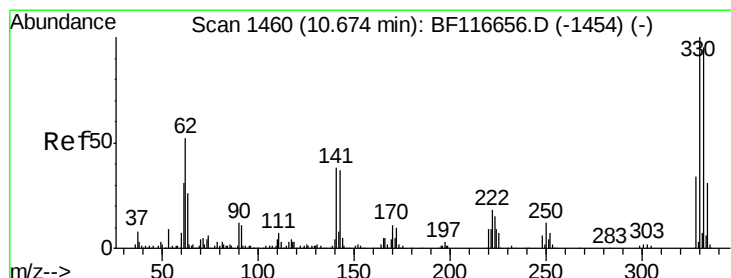
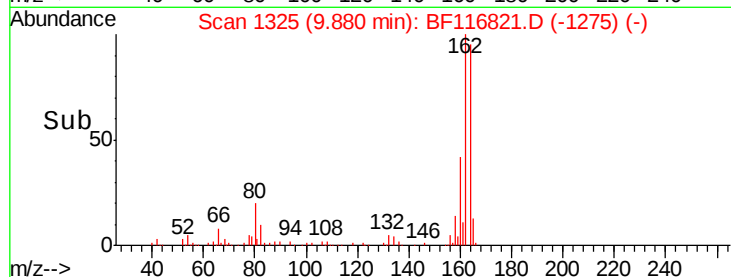
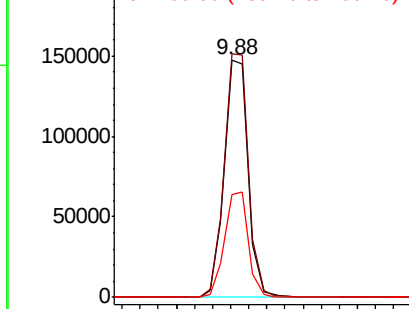
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Instrument :
BNA_F
ClientSampleId :
DW-03

Tot Ion:164 Resp: 135406
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 43.6 35.4 53.2

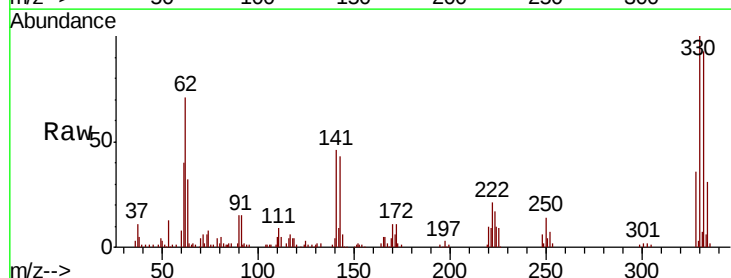


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

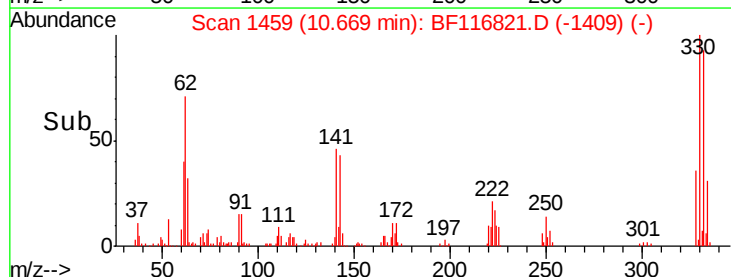
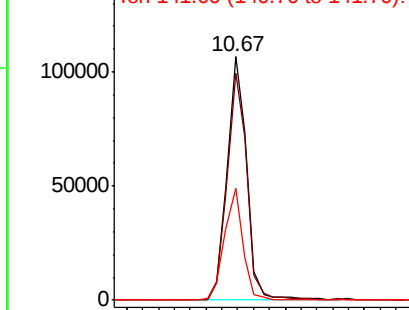


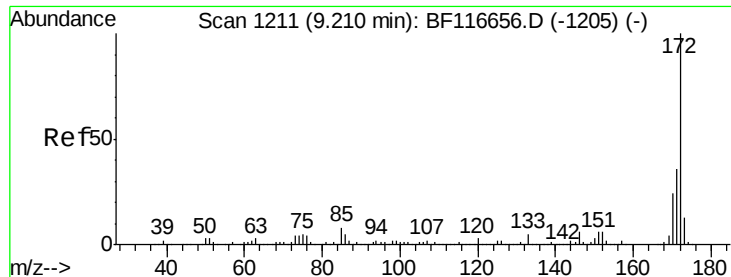
#42
2,4,6-Tribromophenol
Concen: 100.917 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Tgt Ion:330 Resp: 91352
Ion Ratio Lower Upper
330 100
332 94.7 76.9 115.3
141 43.0 31.4 47.2



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

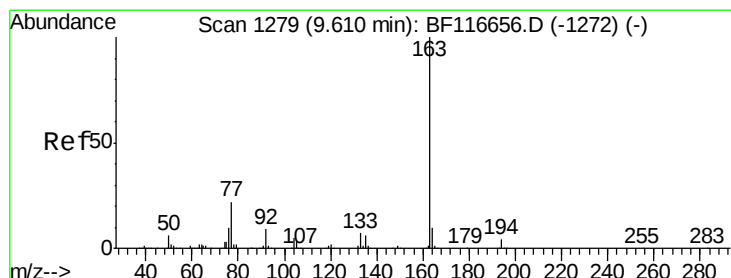
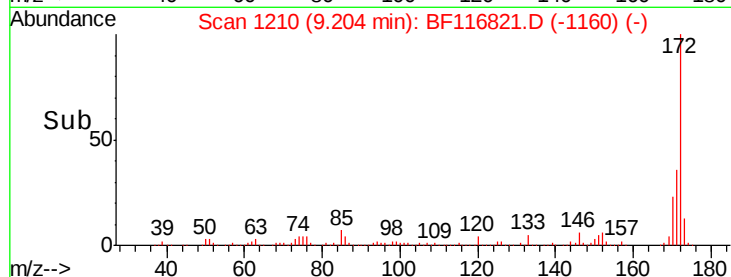
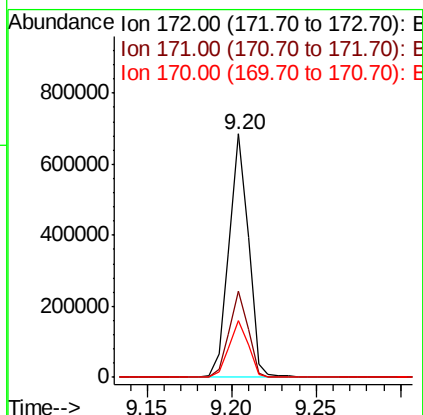
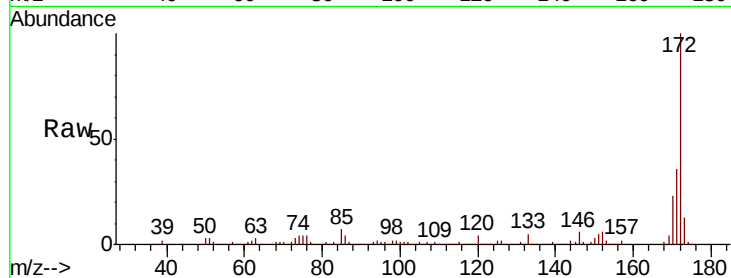




#45
2-Fluorobiphenyl
Concen: 68.445 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

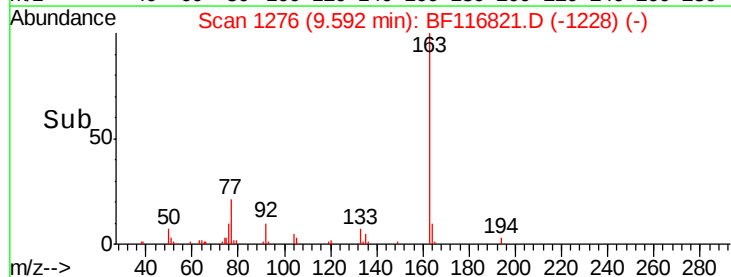
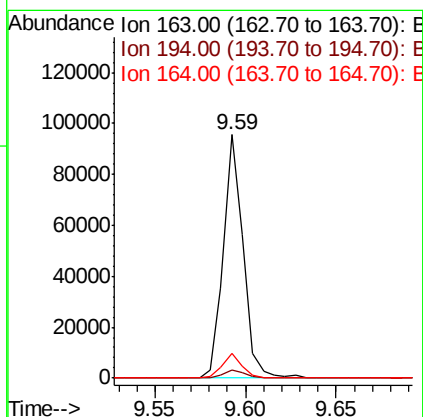
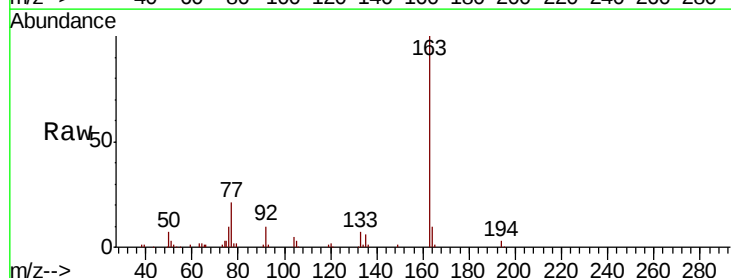
Instrument :
BNA_F
ClientSampleId :
DW-03

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.2	18.9	28.3



#50
Dimethylphthalate
Concen: 7.818 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.2	8.6	12.8

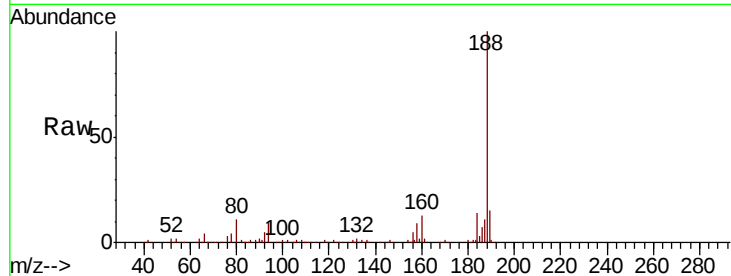




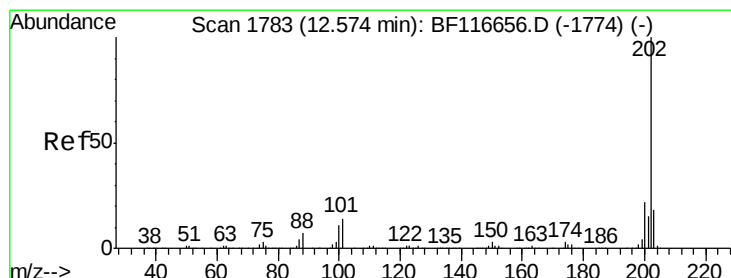
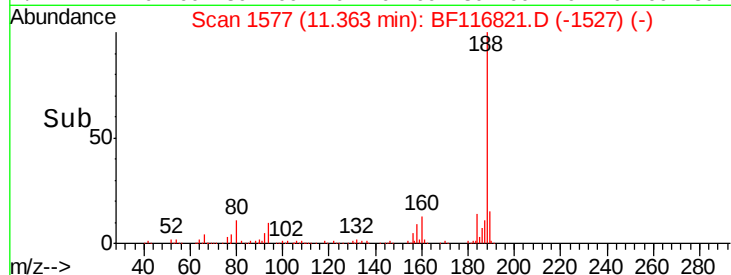
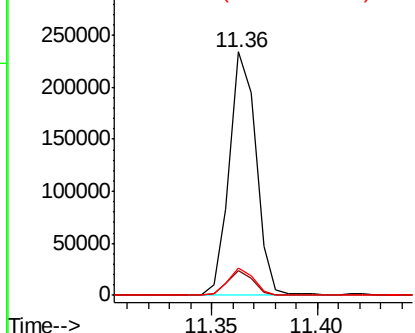
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Instrument :
BNA_F
ClientSampleId :
DW-03

Tot Ion:188 Resp: 205266
Ion Ratio Lower Upper
188 100
94 10.0 7.3 10.9
80 11.4 8.4 12.6

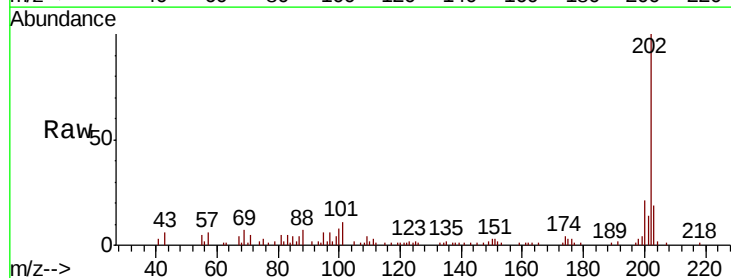


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

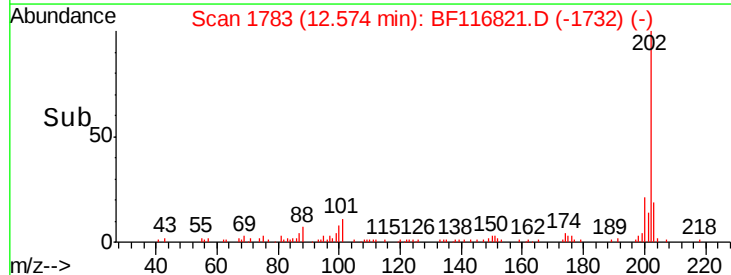
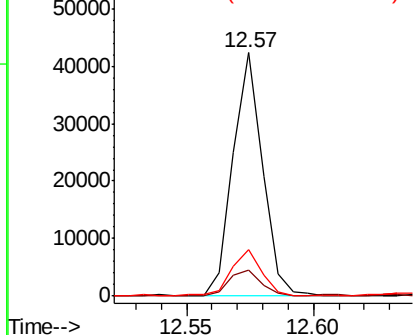


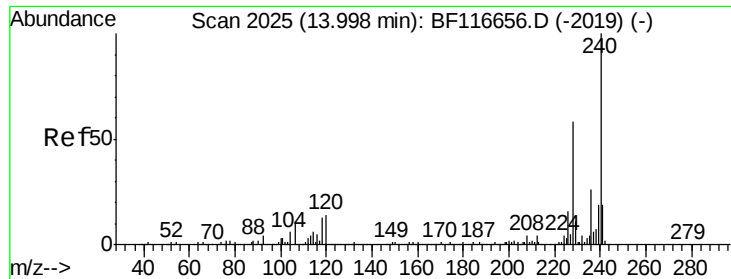
#75
Fluoranthene
Concen: 3.054 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Tgt Ion:202 Resp: 34297
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.3
203 19.0 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

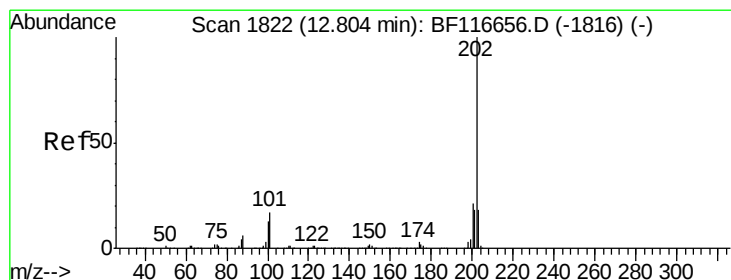
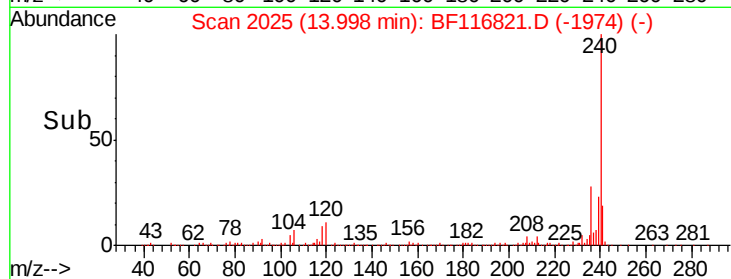
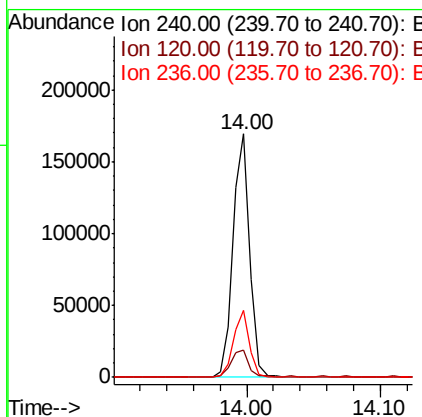
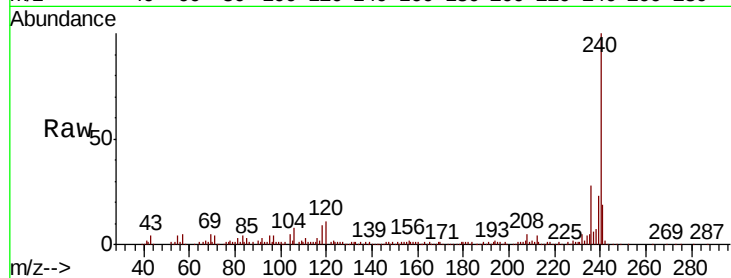




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

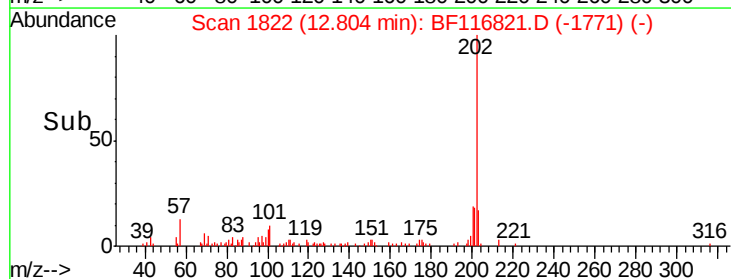
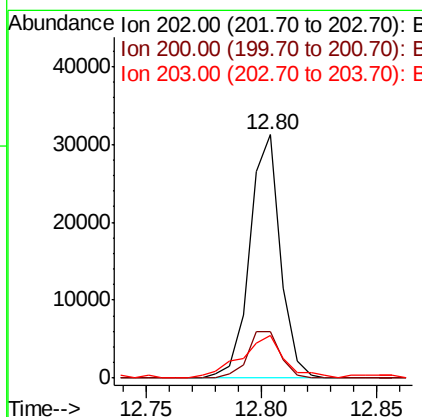
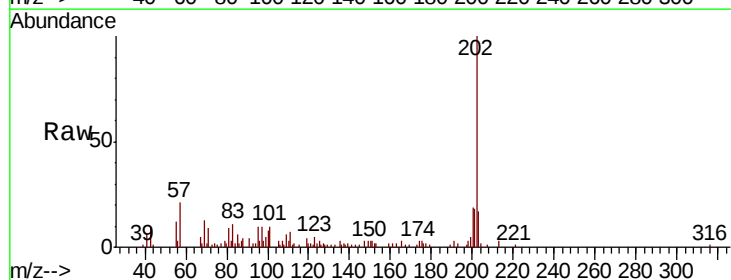
Instrument :
BNA_F
ClientSampleId :
DW-03

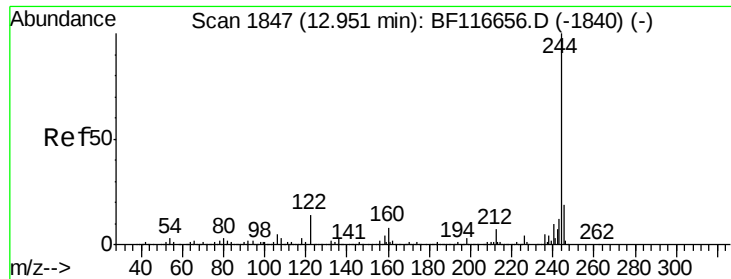
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	27.7	21.1	31.7



#78
Pyrene
Concen: 2.181 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116821.D
Acq: 4 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.5	24.7
203	17.4	13.7	20.5





#79

Terphenyl-d14

Concen: 58.151 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116821.D

Acq: 4 Sep 2019 17:48

Instrument :

BNA_F

ClientSampleId :

DW-03

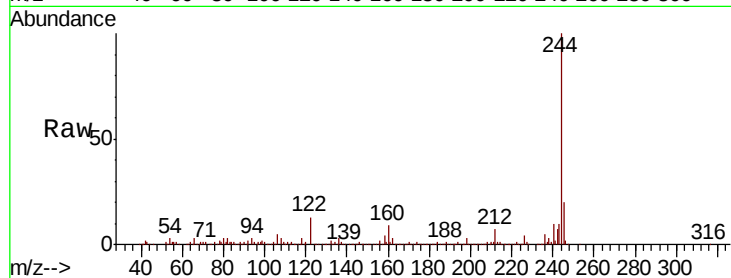
Tot Ion:244 Resp: 468887

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

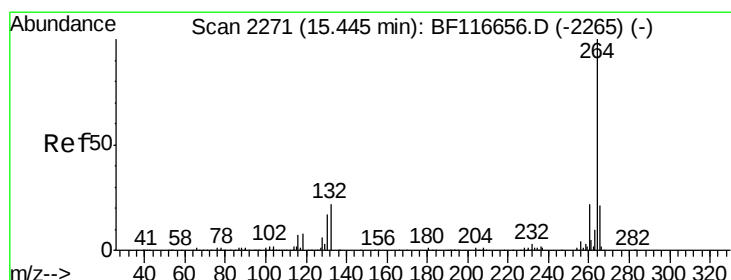
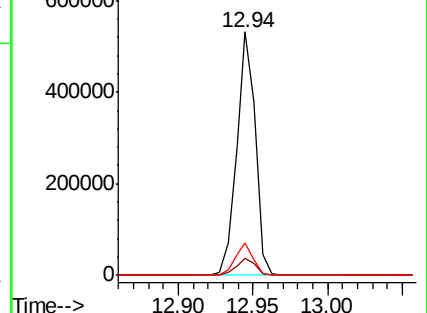
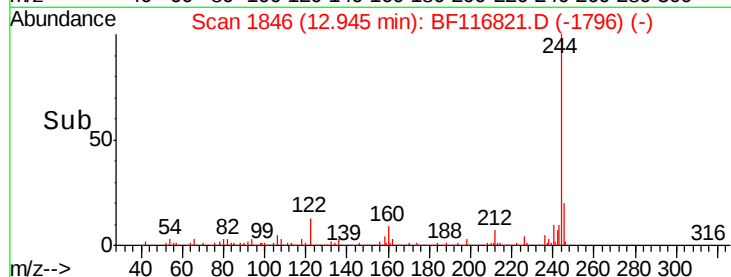
122 13.4 10.2 15.4



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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116821.D

Acq: 4 Sep 2019 17:48

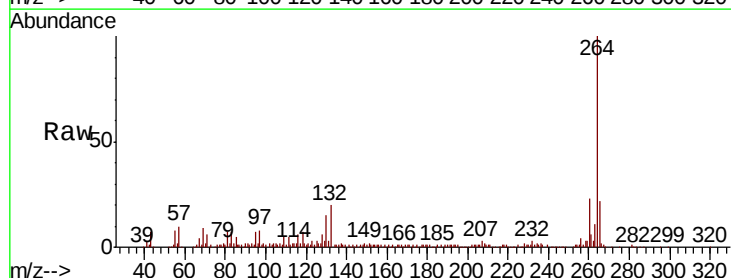
Tgt Ion:264 Resp: 140831

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

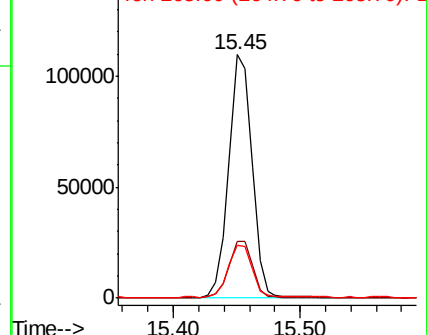
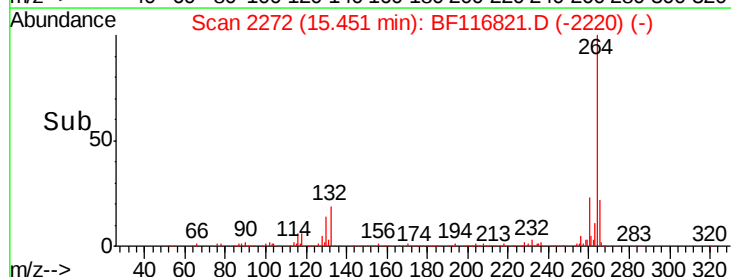
265 21.9 16.5 24.7

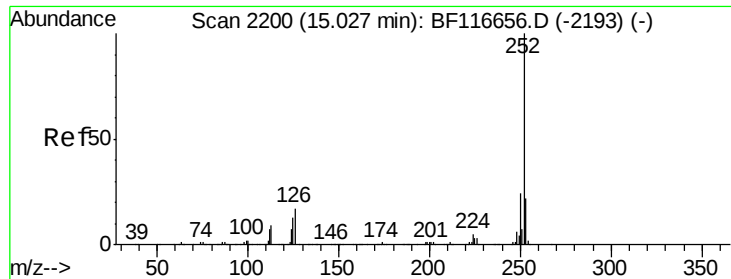


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88
 Benzo(b)fluoranthene
 Concen: 2.410 ng/ml
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BF116821.D
 Acq: 4 Sep 2019 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DW-03

Tot Ion: 252 Resp: 20517
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.7 26.5
 125 29.6 8.2 12.2

