

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116816.D
 Acq On : 4 Sep 2019 15:32
 Operator : HP/JU
 Sample : K4625-02 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:06:47 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

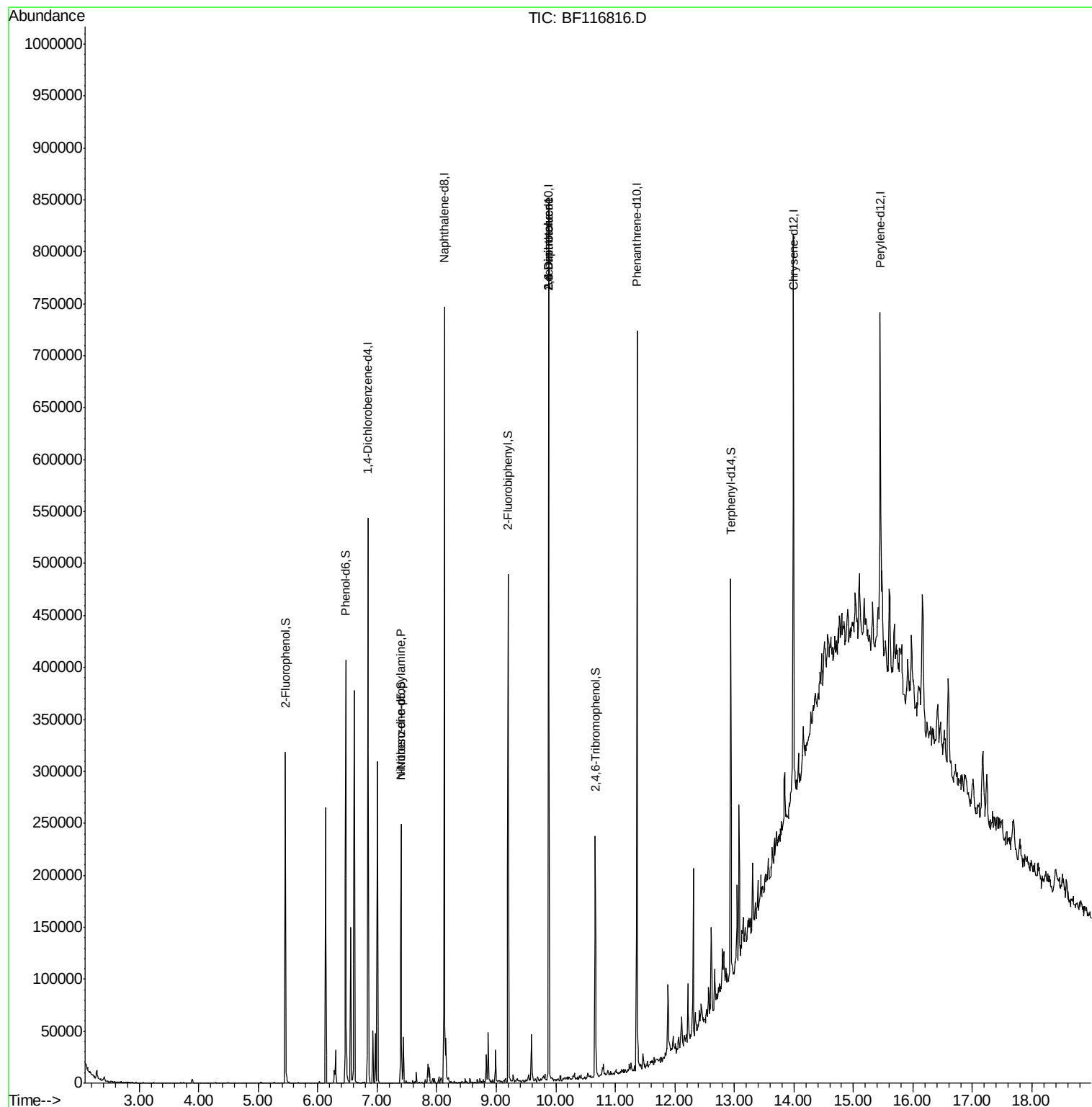
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	71229	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	302195	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	152630	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	227116	20.00	ng	0.00
76) Chrysene-d12	13.99	240	162216	20.00	ng	0.00
87) Perylene-d12	15.45	264	150085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	88960	20.23	ng	0.00
7) Phenol-d6	6.47	99	124305	21.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	73644	13.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	22203	21.76	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	137415	15.19	ng	-0.01
79) Terphenyl-d14	12.94	244	102601	11.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	10212	2.686	ng	# 71
51) 2,6-Dinitrotoluene	9.88	165	20031	9.963	ng	# 20
57) 2,4-Dinitrotoluene	9.88	165	20031	8.148	ng	# 20

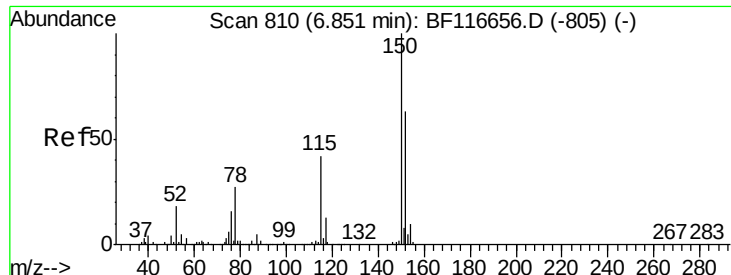
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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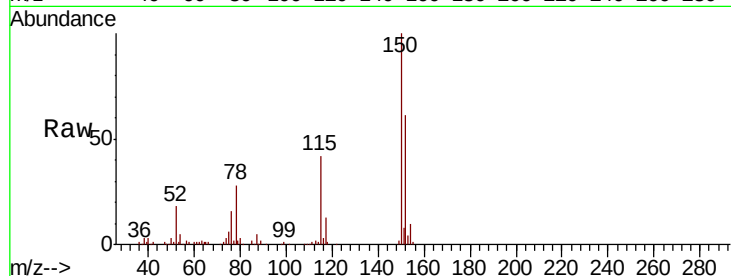


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.4	186.6
115	68.2	49.9	74.9

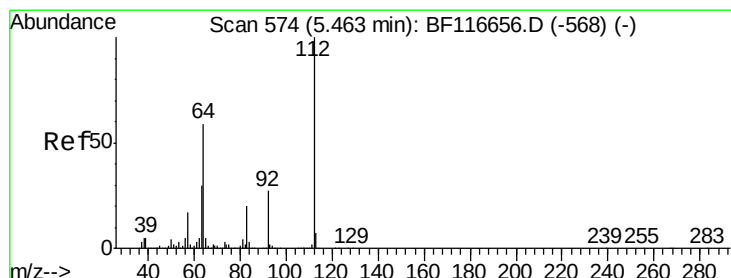
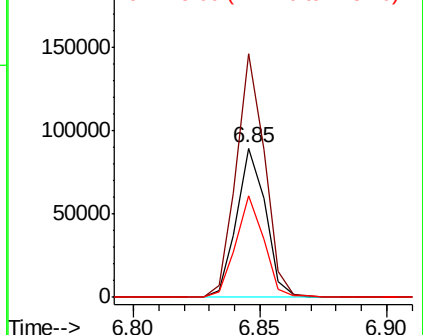
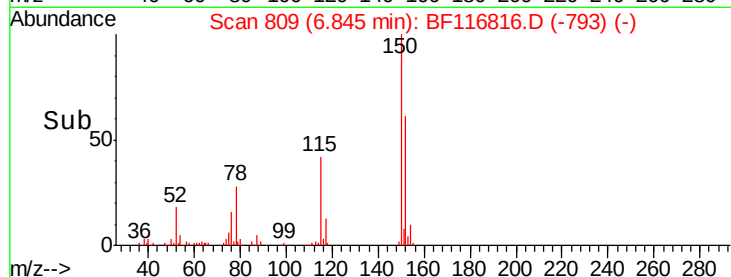


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

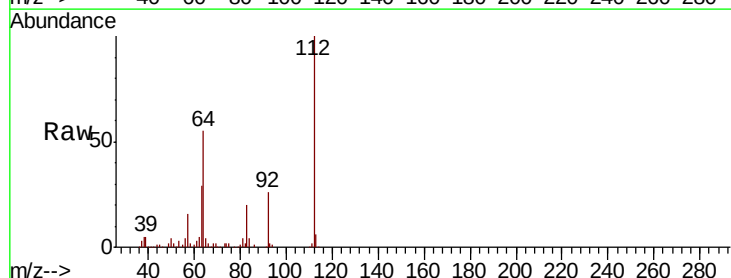
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.233 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.1	70.7
63	28.7	24.9	37.3

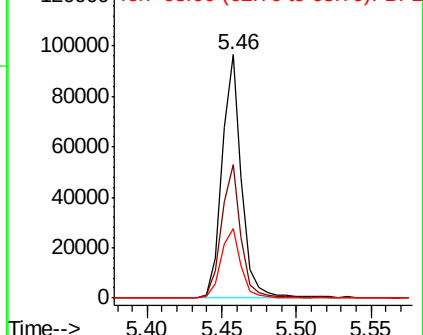
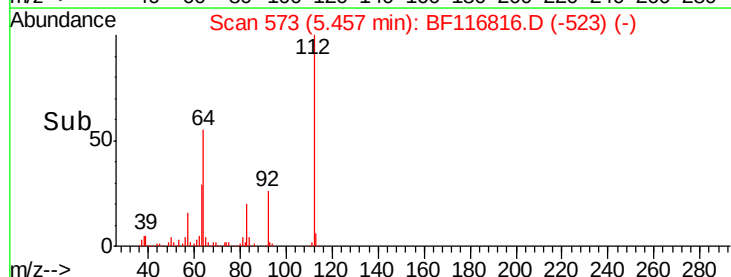


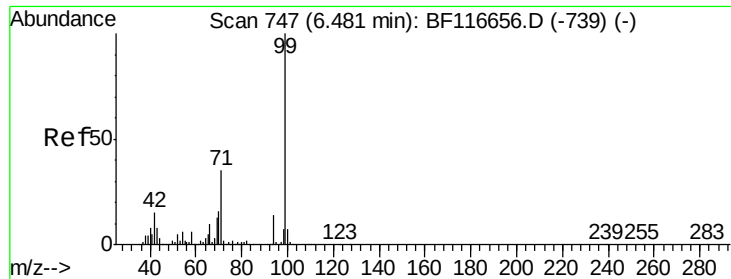
Abundance

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: 21.531 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Instrument :

BNA_F

ClientSampleId :

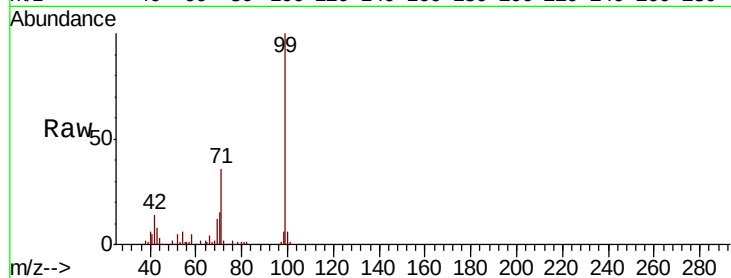
Tot Ion: 99 Resp: 124305

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 35.7 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

200000

150000

100000

50000

0

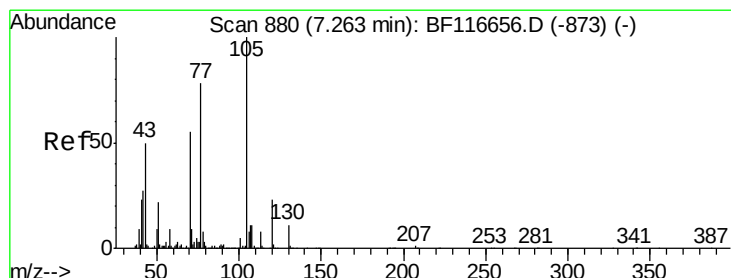
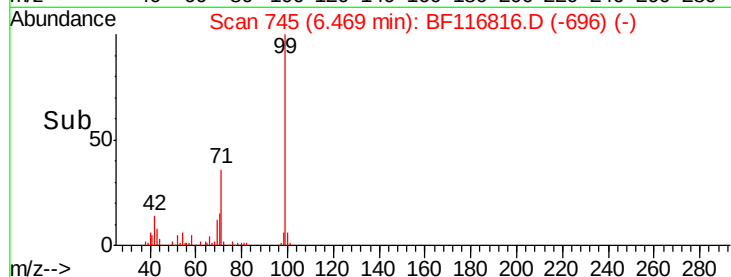
6.47

6.45

6.50

6.55

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 2.686 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Tgt Ion: 70 Resp: 10212

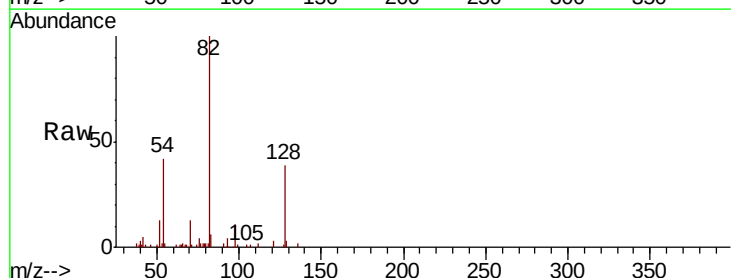
Ion Ratio Lower Upper

70 100

42 37.6 43.5 65.3#

101 0.0 7.8 11.6#

130 0.0 16.6 24.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

15000

10000

5000

0

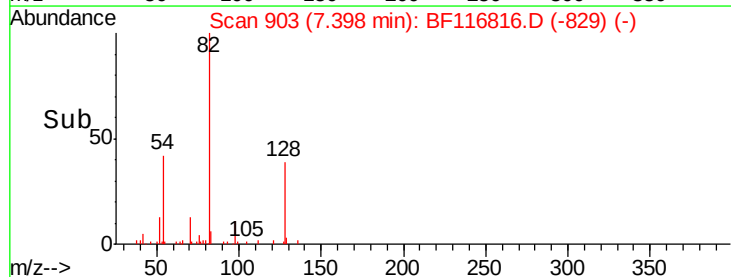
7.40

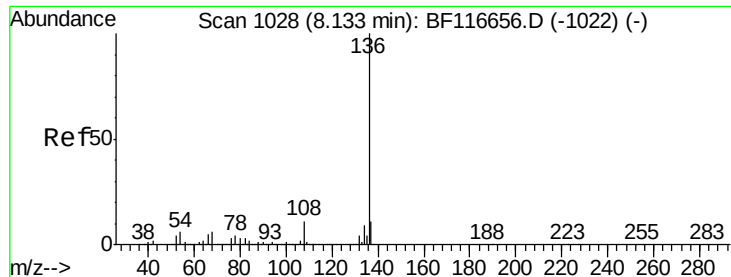
7.35

7.40

7.45

Time-->

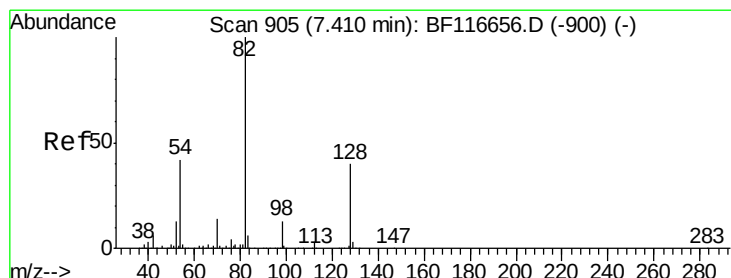
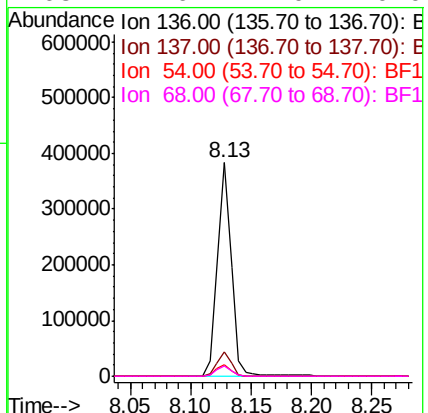
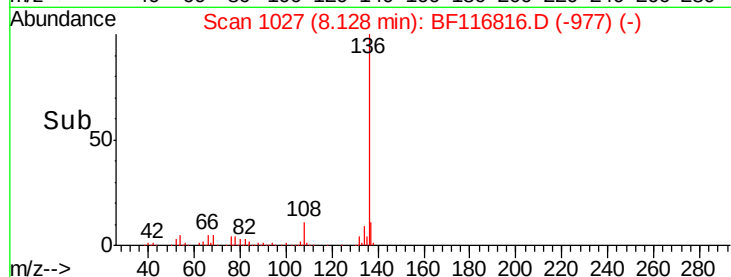
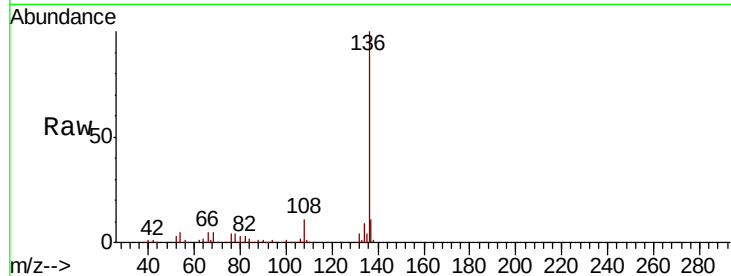




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

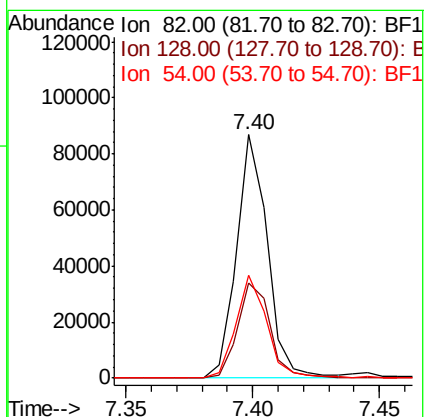
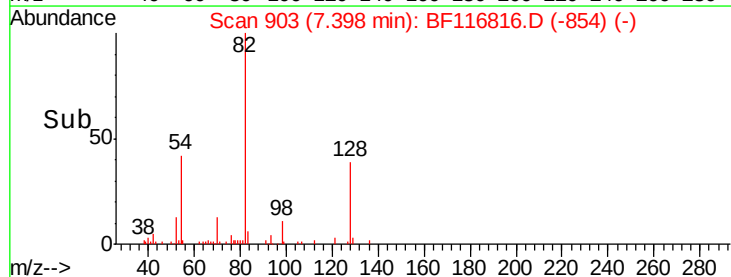
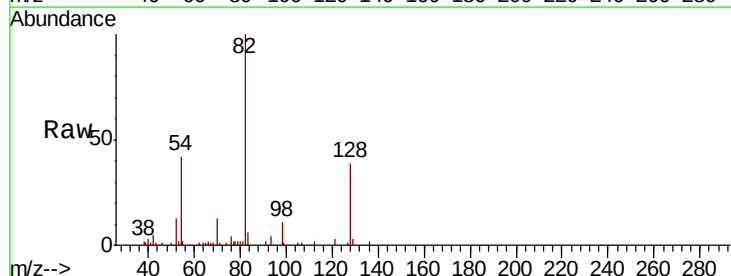
Instrument :
BNA_F
ClientSampled :

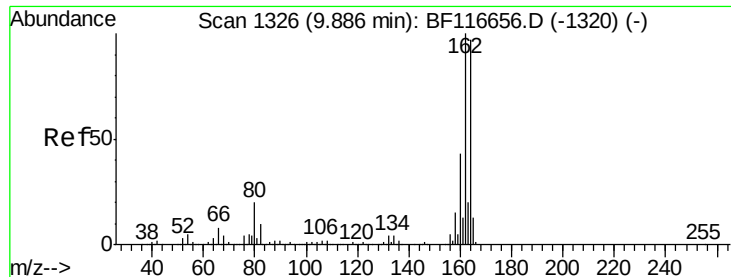
Tot Ion:136	Resp:	302195
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	5.5	4.8 7.2
68	4.6	4.0 6.0



#23
Nitrobenzene-d5
Concen: 13.912 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion: 82	Resp:	73644
Ion Ratio	Lower	Upper
82	100	
128	39.1	32.8 49.2
54	42.3	36.9 55.3

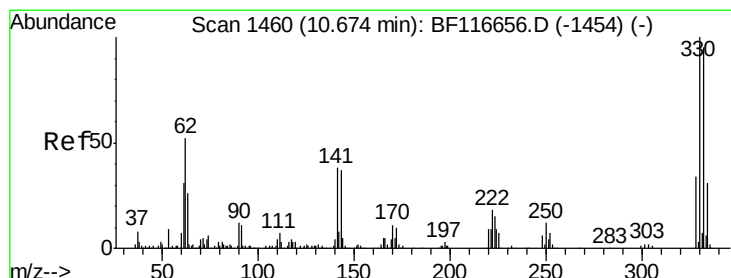
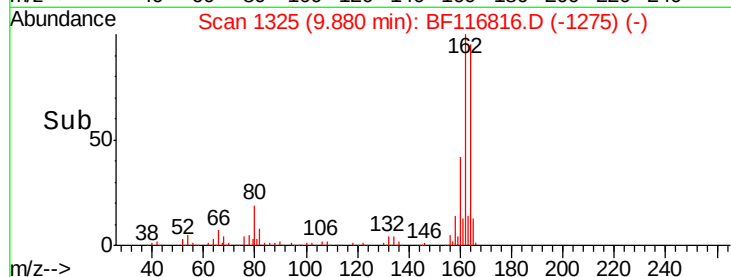
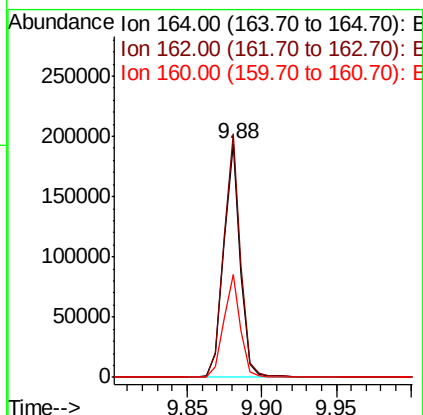
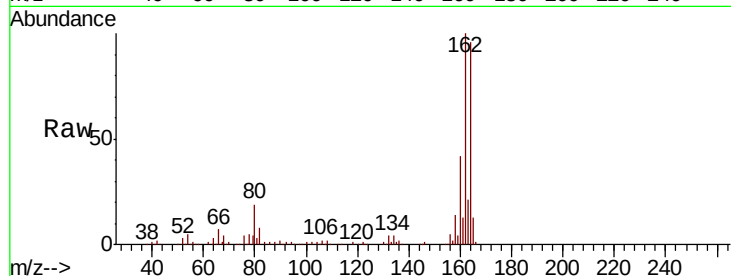




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

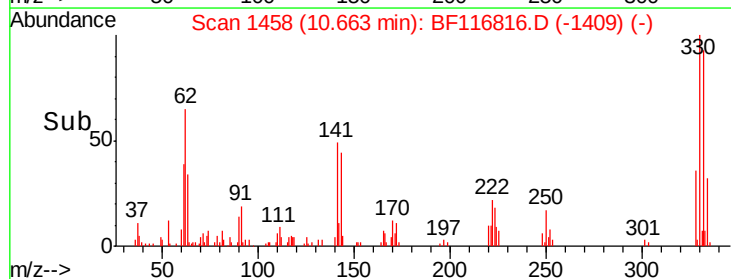
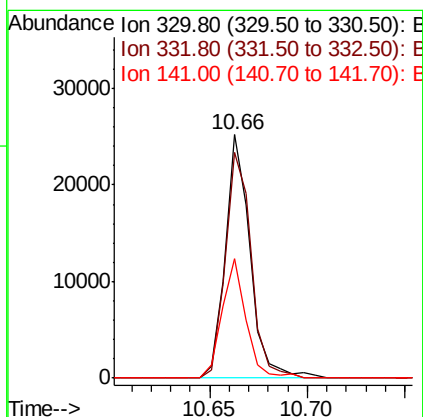
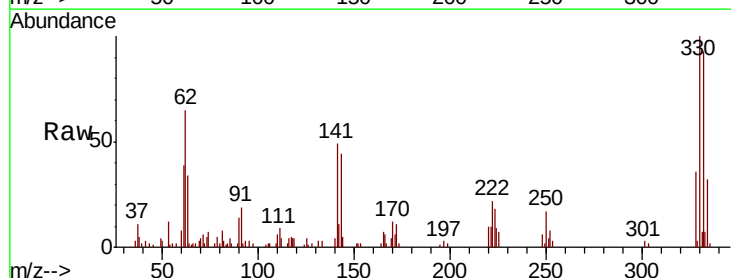
Instrument :
BNA_F
ClientSampleId :

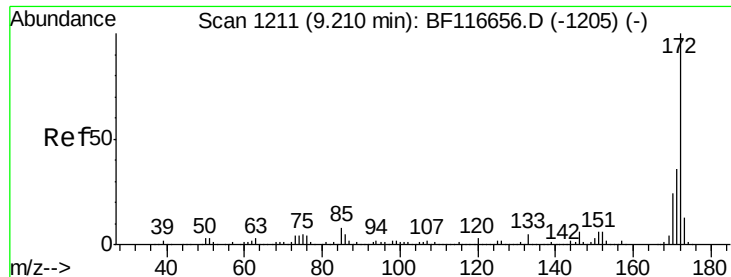
Tot Ion:164 Resp: 152630
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 44.1 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 21.760 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:330 Resp: 22203
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 47.4 31.4 47.2#

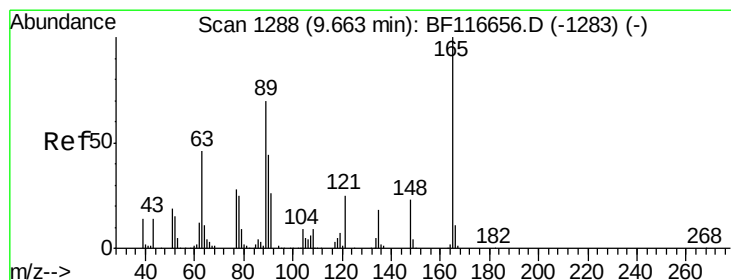
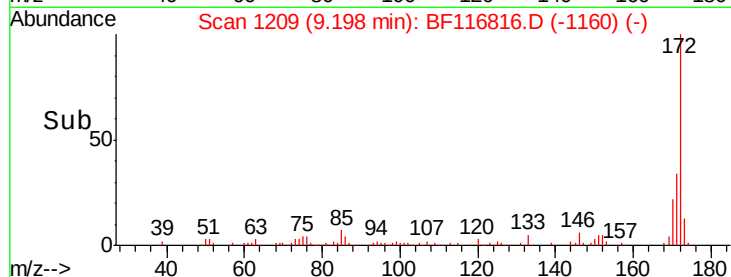
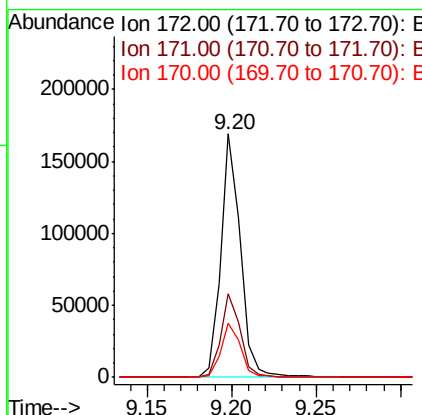
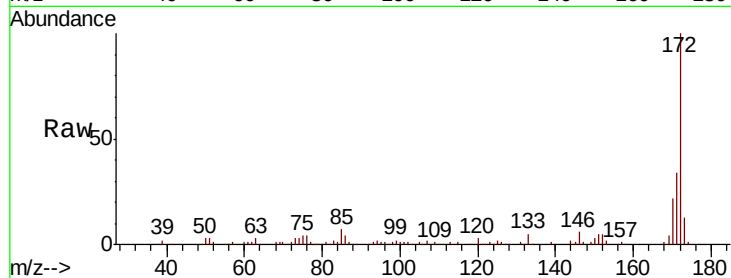




#45
 2-Fluorobiphenyl
 Concen: 15.187 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116816.D
 Acq: 4 Sep 2019 15:32

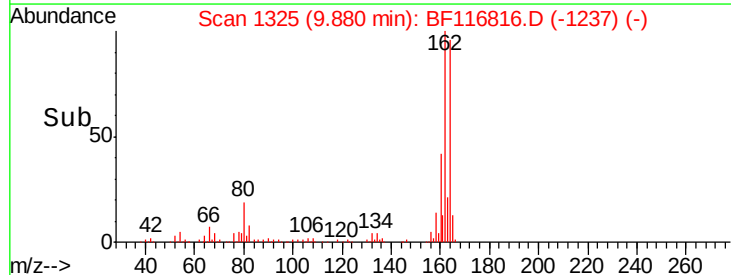
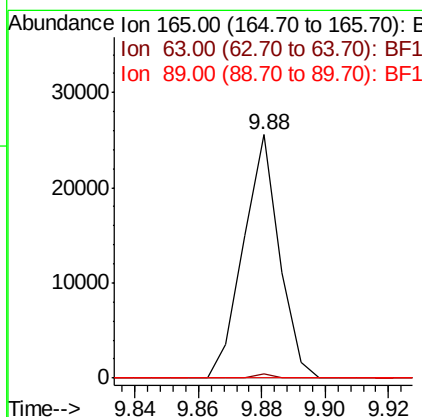
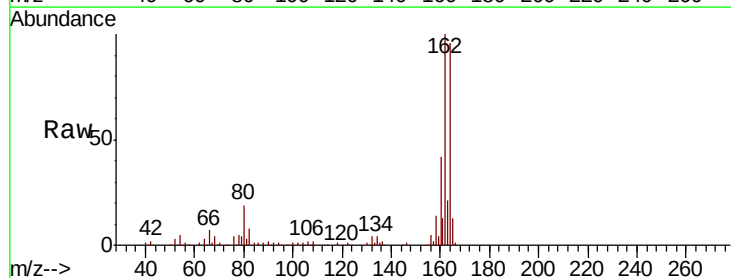
Instrument :
 BNA_F
 ClientSampleId :

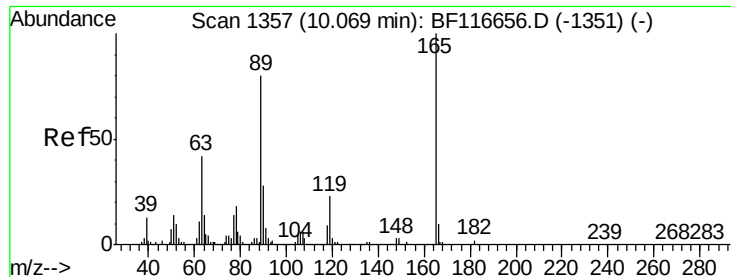
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.2	18.9	28.3



#51
 2,6-Dinitrotoluene
 Concen: 9.963 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116816.D
 Acq: 4 Sep 2019 15:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.3	70.9#
89	0.0	52.5	78.7#





#57

2,4-Dinitrotoluene

Concen: 8.148 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116816.D

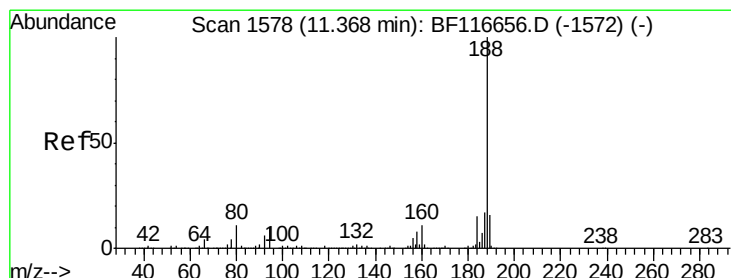
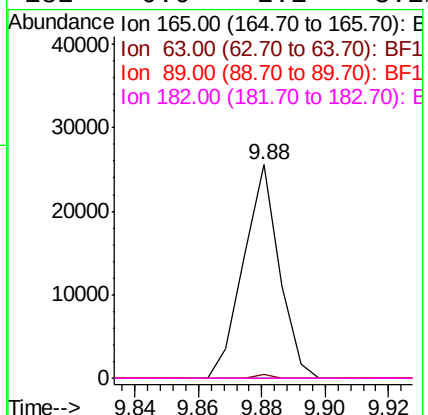
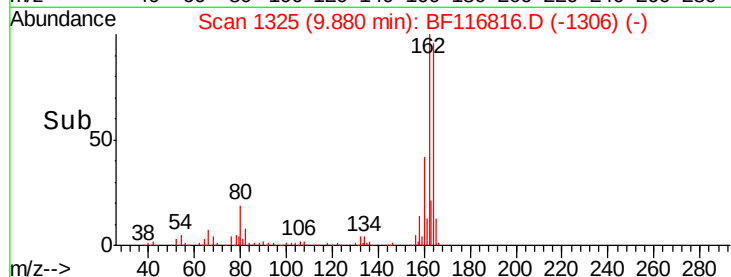
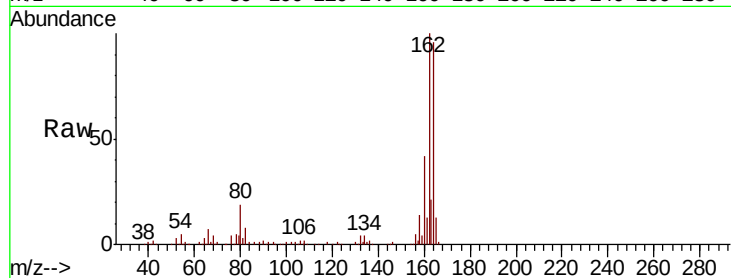
Acq: 4 Sep 2019 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	20031
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	0.0	62.6 94.0#
182	0.0	2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

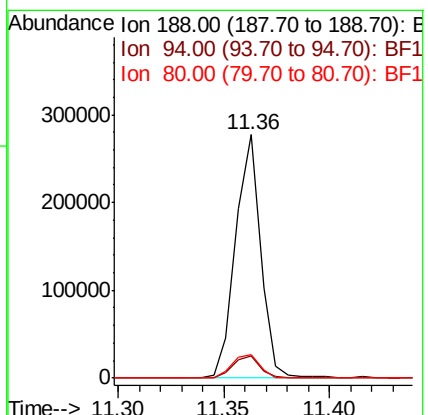
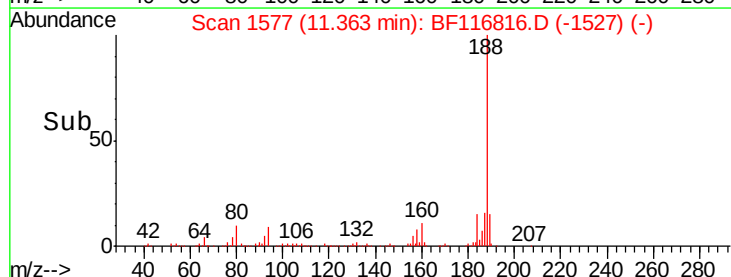
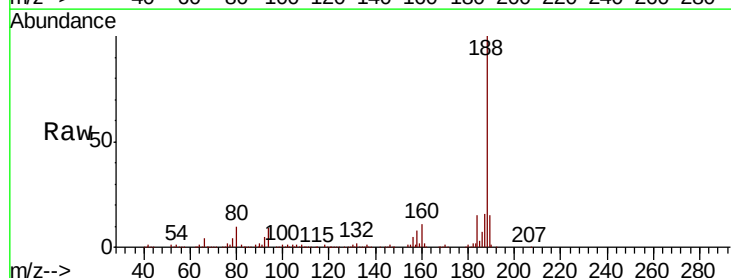
RT: 11.36 min Scan# 1577

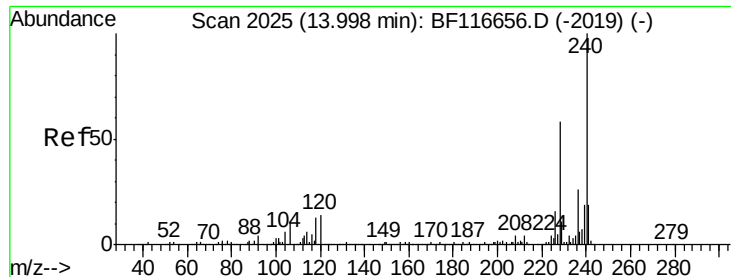
Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Tgt Ion:188	Resp:	227116
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.3 10.9
80	9.8	8.4 12.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Instrument :

BNA_F

ClientSampled :

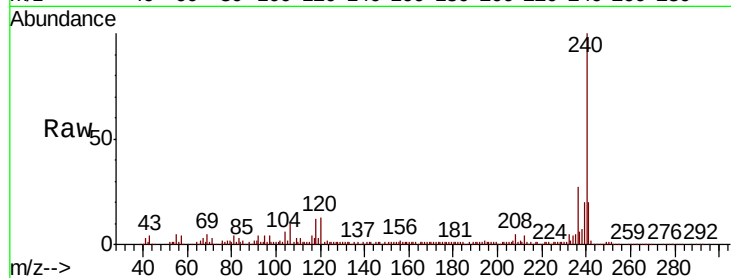
Tot Ion:240 Resp: 162216

Ion Ratio Lower Upper

240 100

120 12.7 9.1 13.7

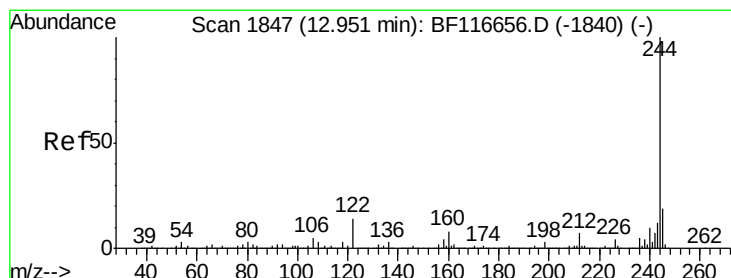
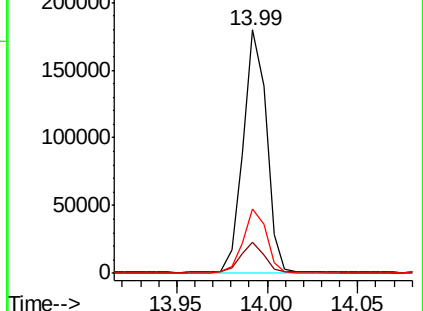
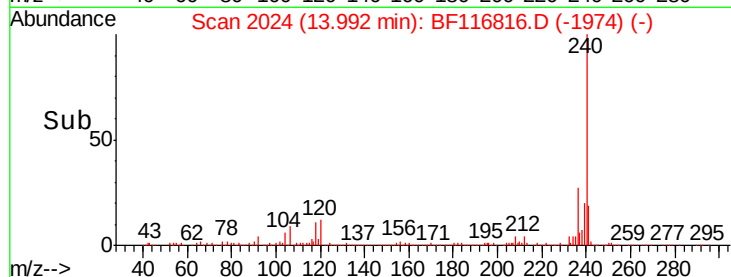
236 26.7 21.1 31.7



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



#79

Terphenyl-d14

Concen: 11.701 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

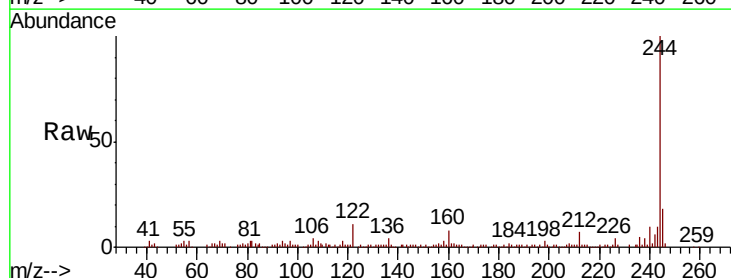
Tgt Ion:244 Resp: 102601

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

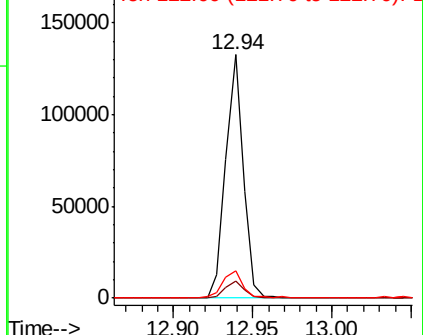
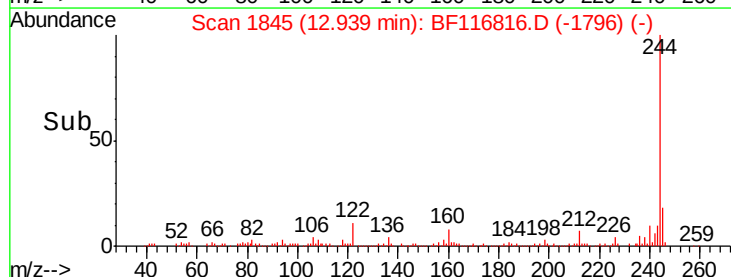
122 11.1 10.2 15.4

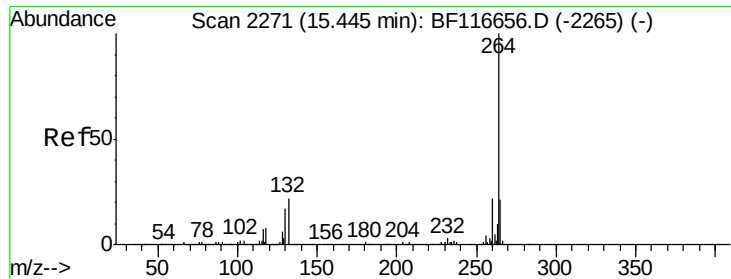


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.8	18.3	27.5	
265	22.1	16.5	24.7	

