

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116615.D
 Acq On : 28 Aug 2019 15:23
 Operator : HP/JU
 Sample : K4521-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-04

Quant Time: Aug 29 01:33:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

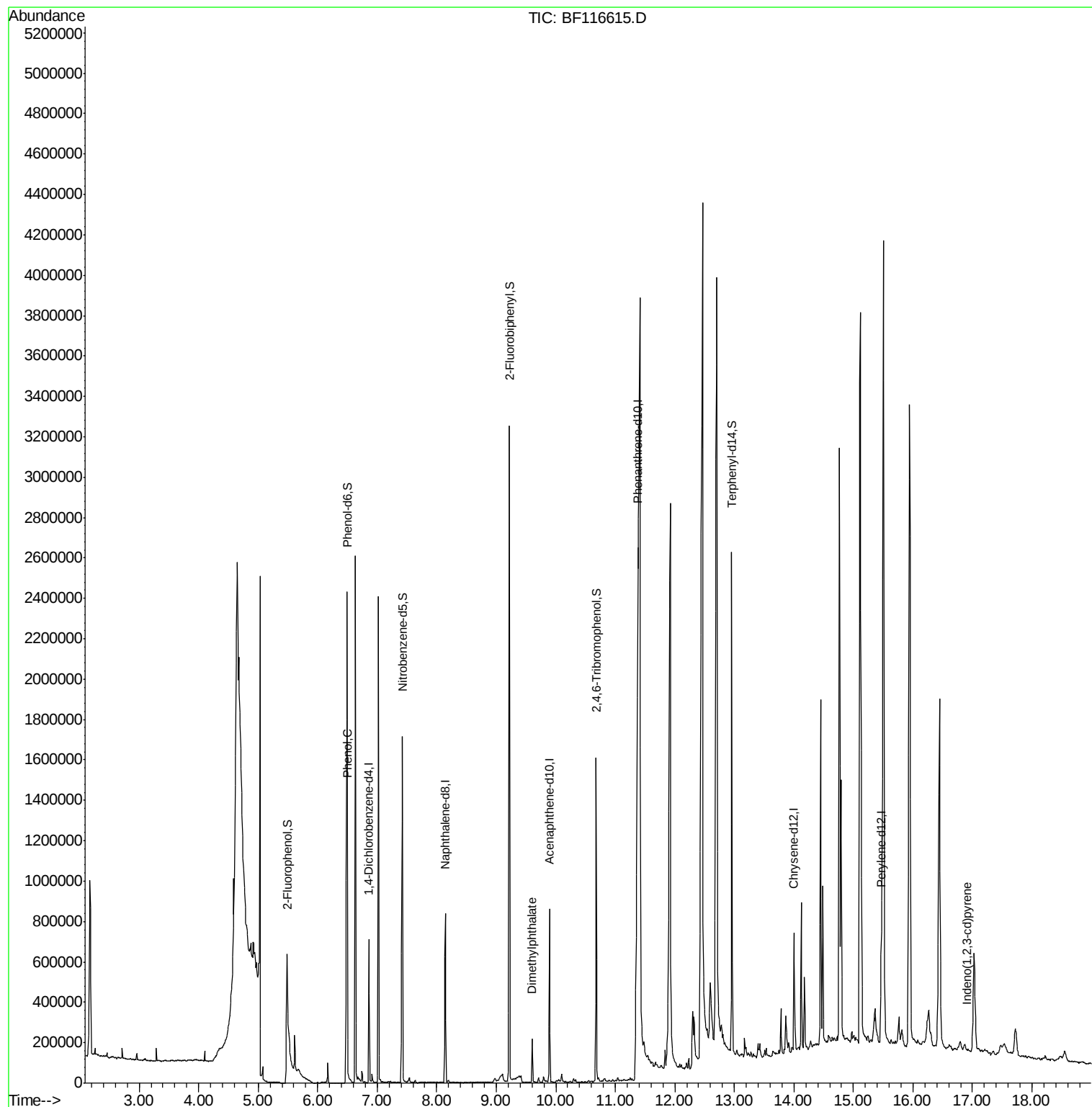
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	94849	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	355806	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	176569	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	270203	20.00	ng	0.00
76) Chrysene-d12	14.00	240	173669	20.00	ng	0.00
87) Perylene-d12	15.47	264	224213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	490566	89.33	ng	0.00
7) Phenol-d6	6.49	99	922319	123.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	575702	92.58	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	169412	100.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	985466	92.88	ng	0.00
79) Terphenyl-d14	12.96	244	850483	79.64	ng	0.00
Target Compounds						
10) Phenol	6.50	94	37064	4.539	ng	97
50) Dimethylphthalate	9.60	163	81077	6.830	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	5946	4.480	ng	94

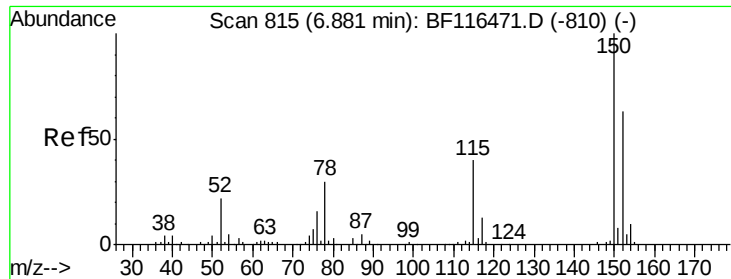
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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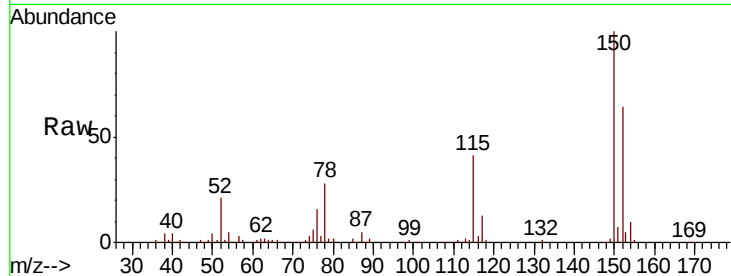


#1

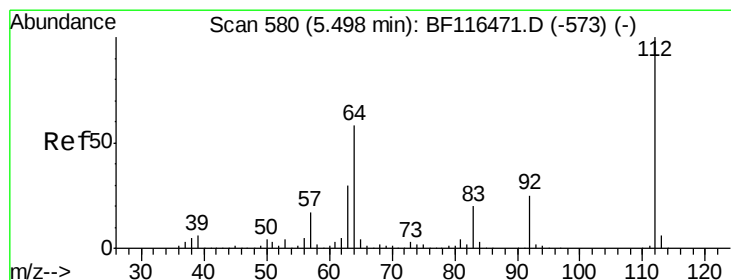
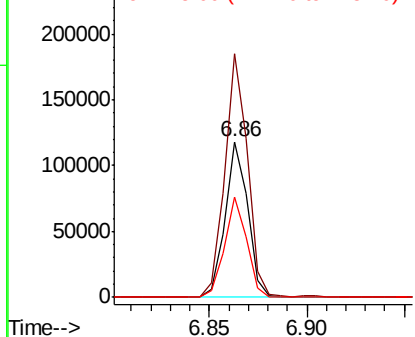
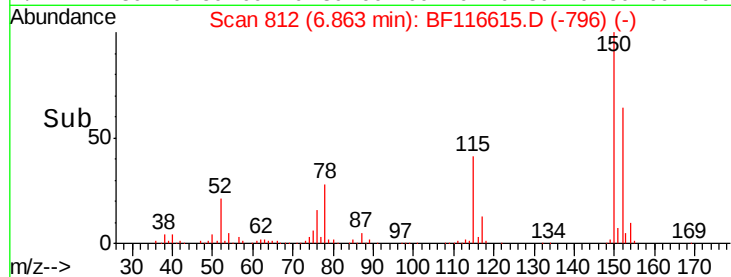
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampled :
PX-04

Tot Ion:152 Resp: 94849
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 64.2 48.2 72.2



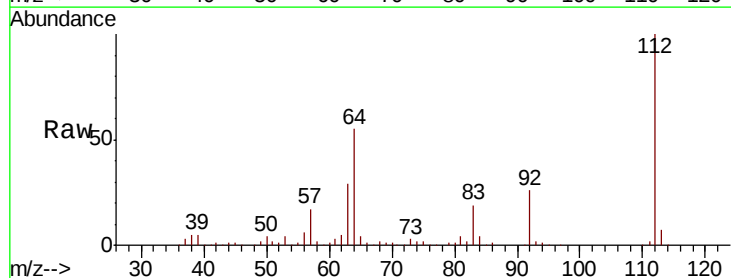
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



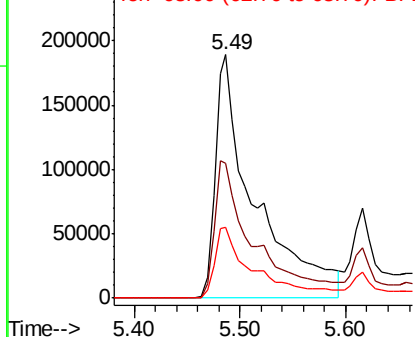
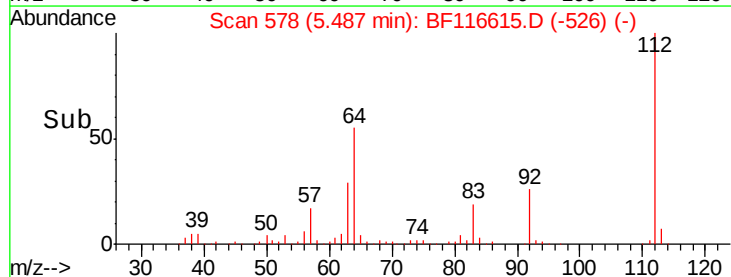
#5

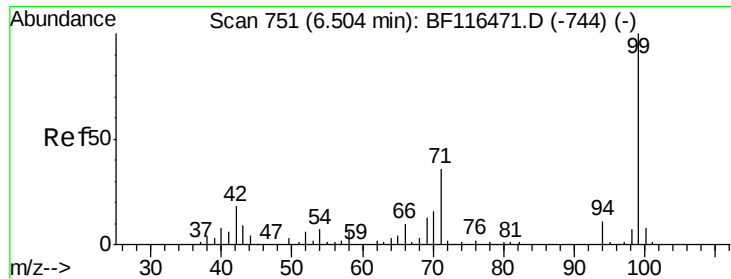
2-Fluorophenol
Concen: 89.333 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:112 Resp: 490566
Ion Ratio Lower Upper
112 100
64 55.2 48.0 72.0
63 29.3 24.6 36.8



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: 123.885 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

Instrument :

BNA_F

ClientSampled :

PX-04

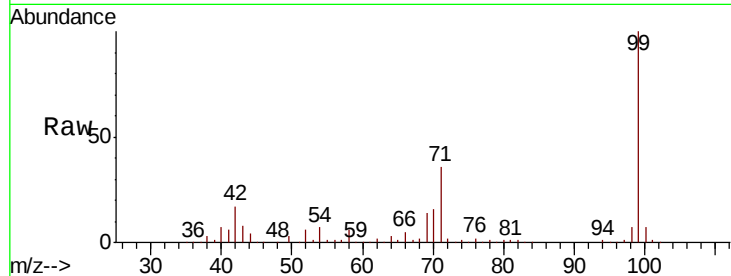
Tot Ion: 99 Resp: 922319

Ion Ratio Lower Upper

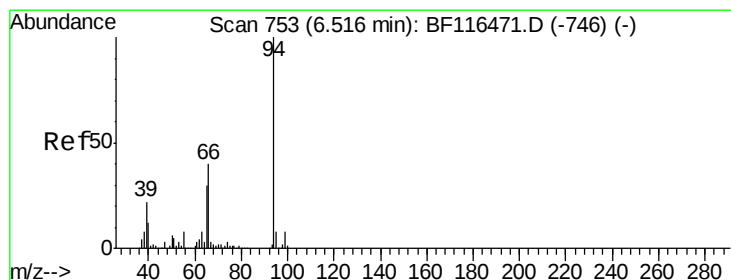
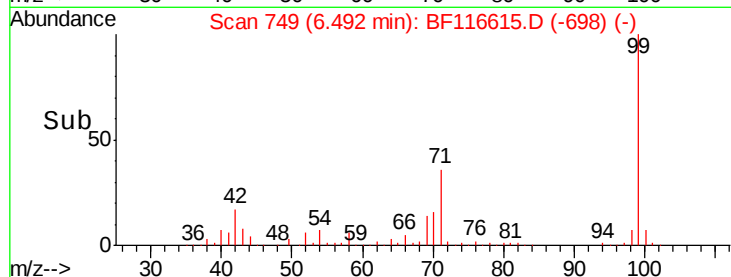
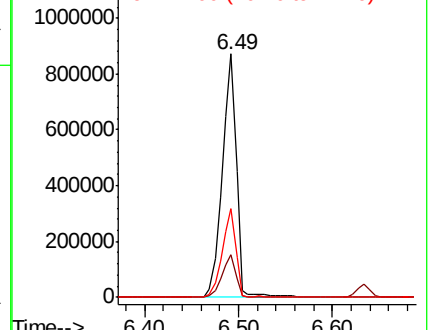
99 100

42 17.3 13.2 19.8

71 36.4 27.4 41.2



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: 4.539 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

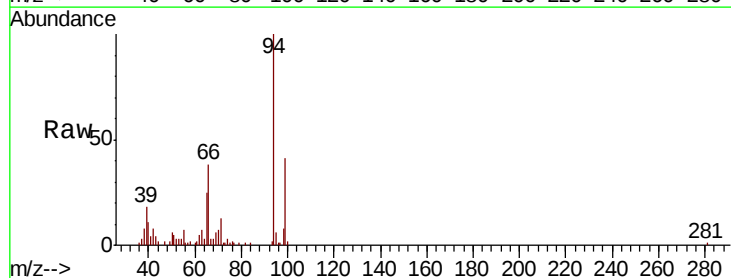
Tgt Ion: 94 Resp: 37064

Ion Ratio Lower Upper

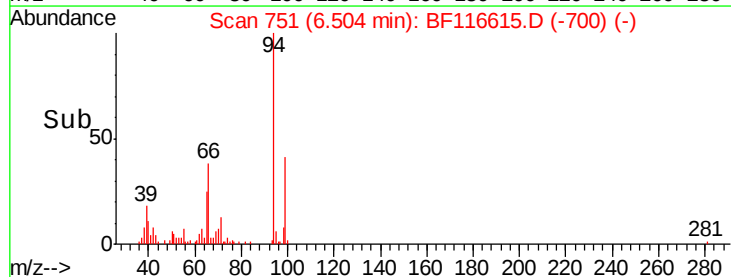
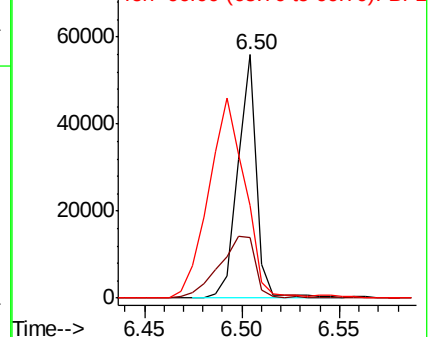
94 100

65 24.7 8.6 48.6

66 38.1 18.0 58.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PX-04

Tot Ion:136 Resp: 355806

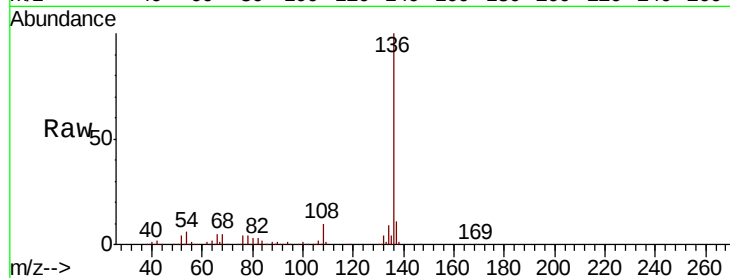
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.2 5.0 7.4

68 5.4 4.5 6.7

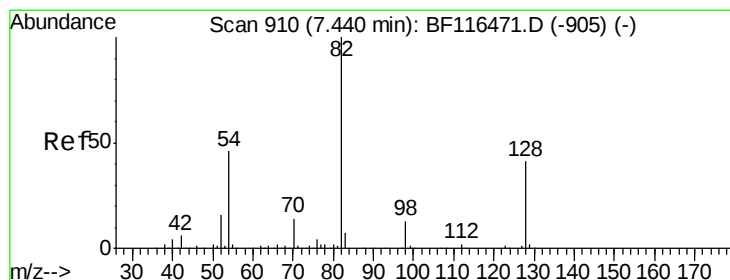
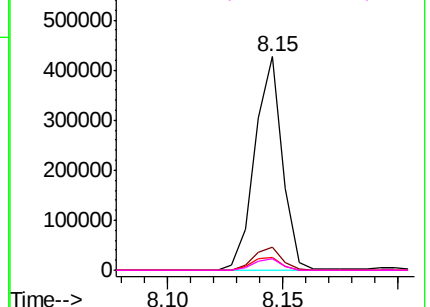
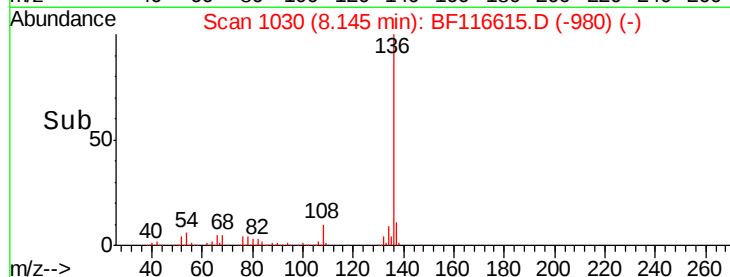


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.583 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

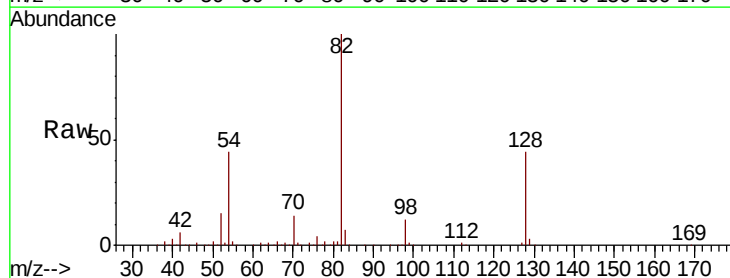
Tgt Ion: 82 Resp: 575702

Ion Ratio Lower Upper

82 100

128 44.2 35.0 52.6

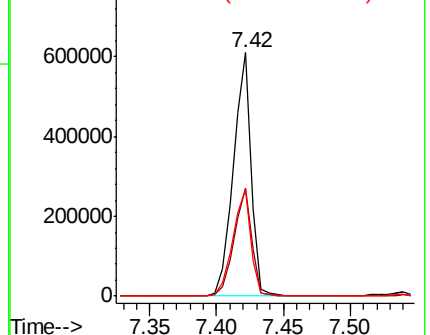
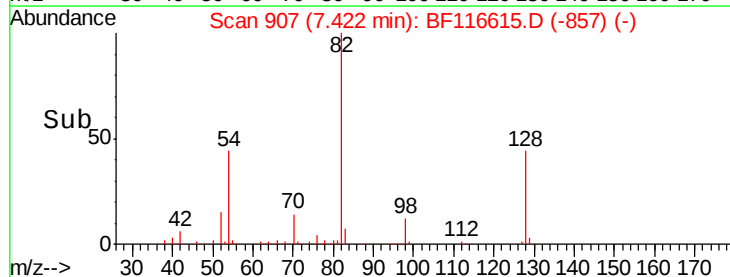
54 43.9 34.4 51.6

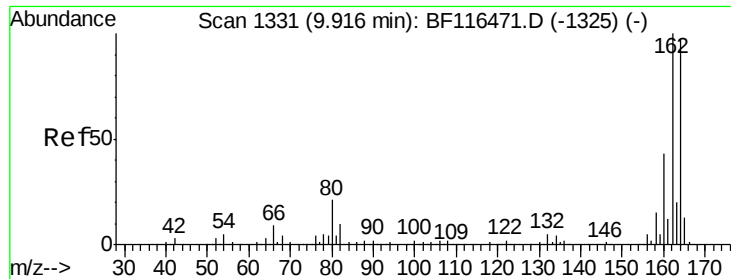


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PX-04

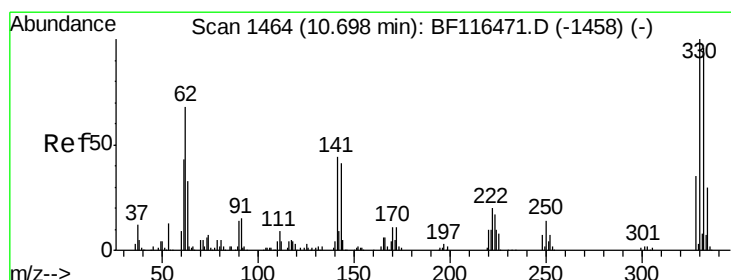
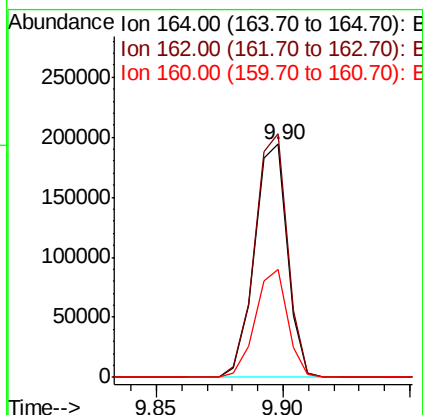
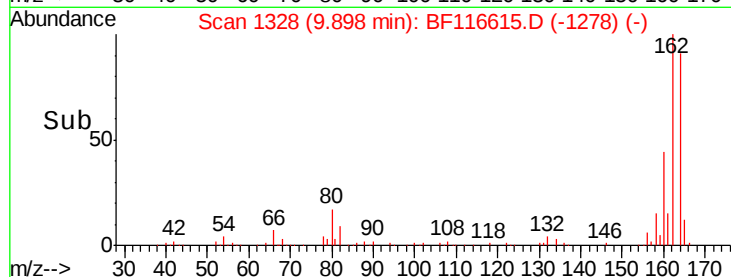
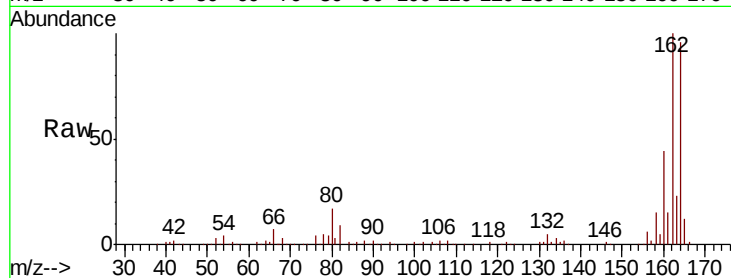
Tot Ion:164 Resp: 176569

Ion Ratio Lower Upper

164 100

162 104.5 83.4 125.0

160 46.5 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 100.826 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

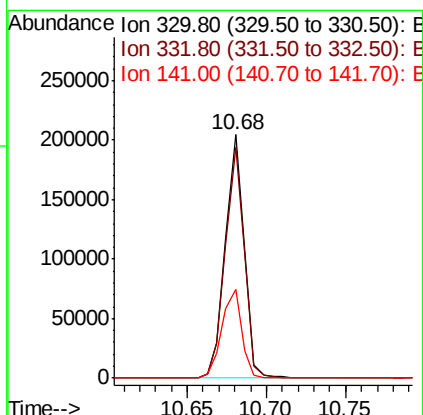
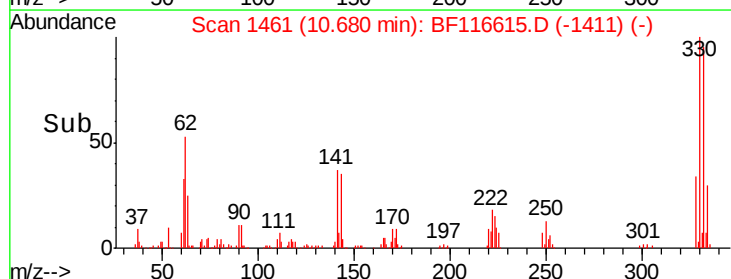
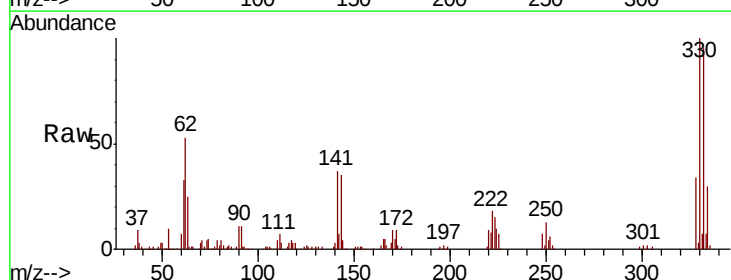
Tgt Ion:330 Resp: 169412

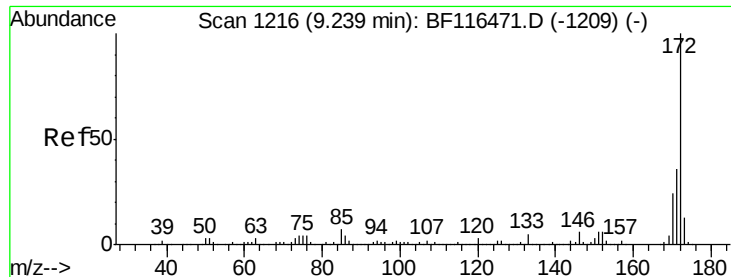
Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 38.5 28.2 42.2

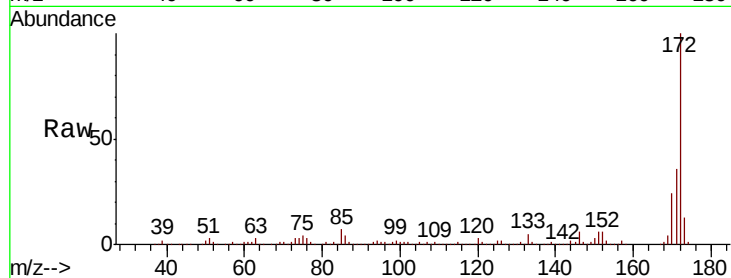




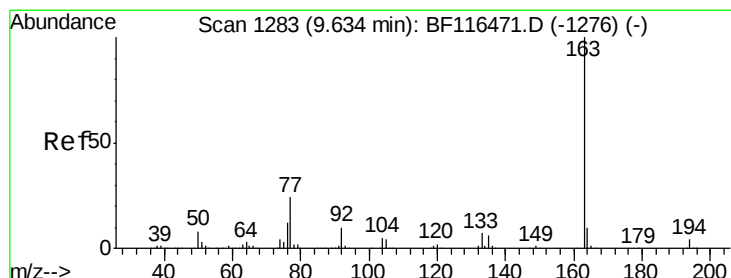
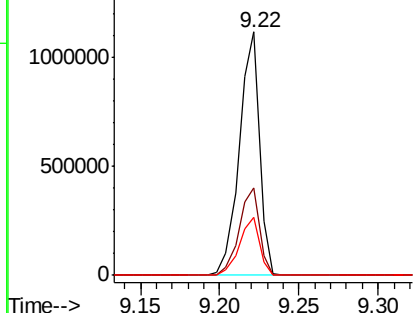
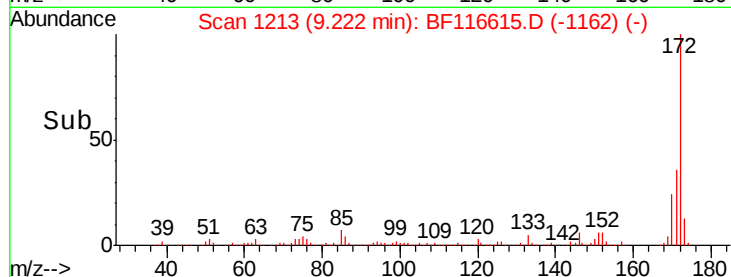
#45
2-Fluorobiphenyl
Concen: 92.882 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PX-04

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.7	19.3	28.9

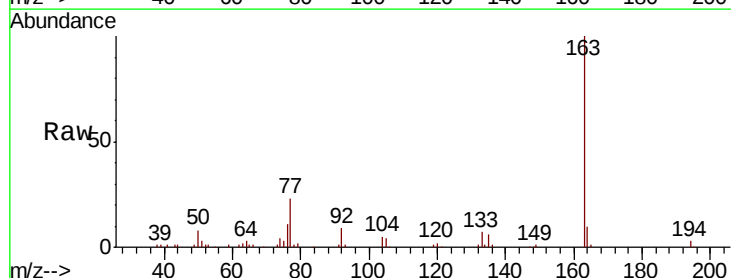


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

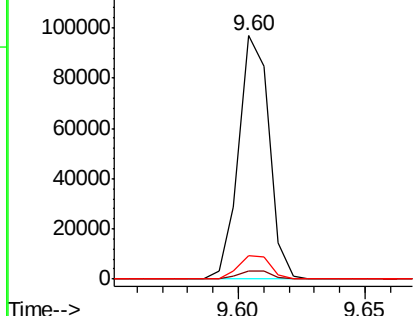
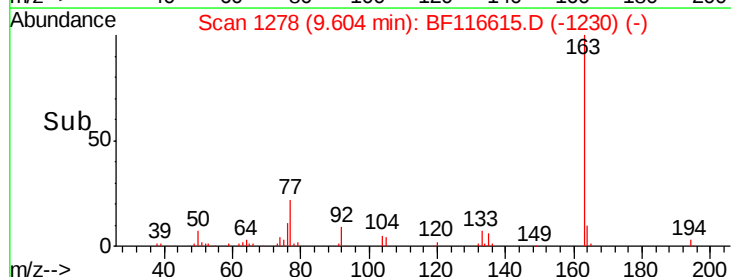


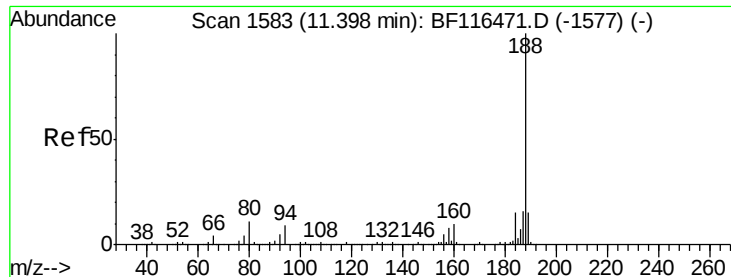
#50
Dimethylphthalate
Concen: 6.830 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	9.7	8.2	12.2



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

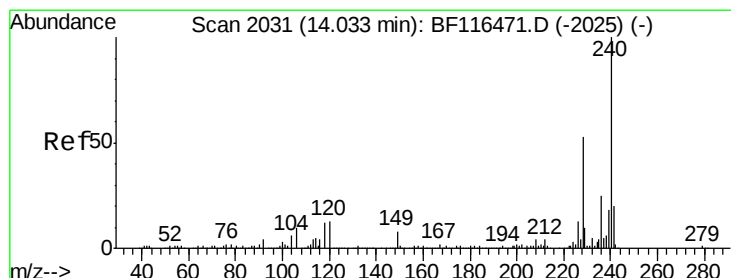
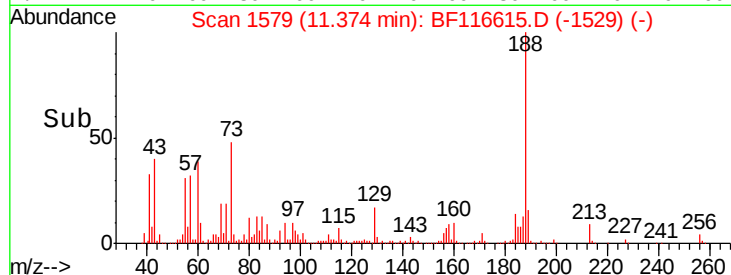
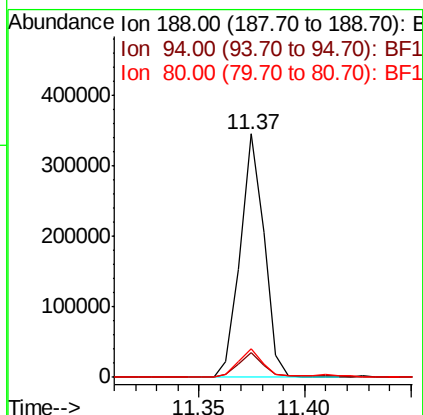
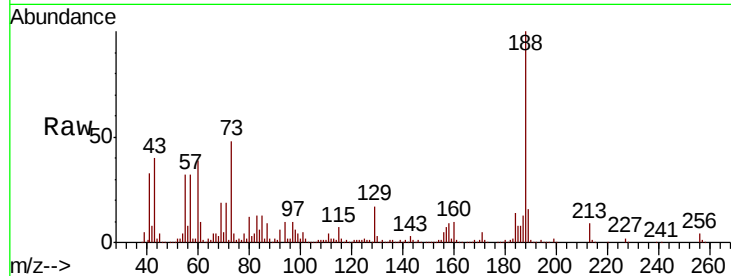




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

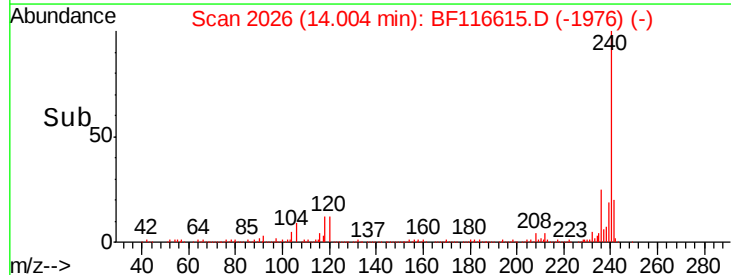
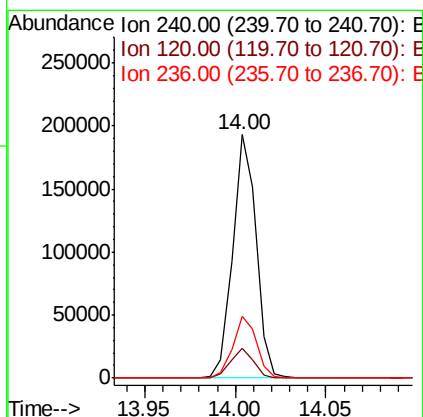
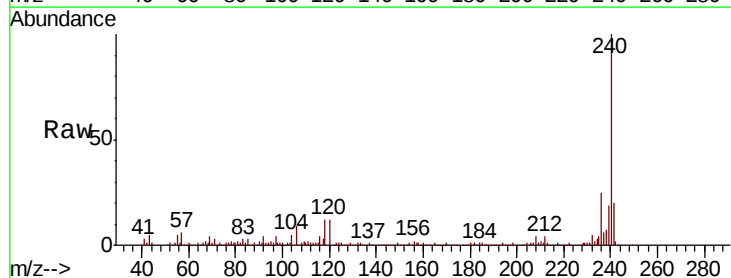
Instrument :
BNA_F
ClientSampleId :
PX-04

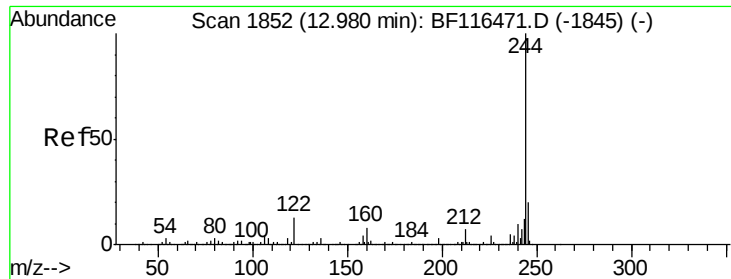
Tot Ion:188 Resp: 270203
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.4
80 11.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Tgt Ion:240 Resp: 173669
Ion Ratio Lower Upper
240 100
120 12.1 11.3 16.9
236 25.3 21.4 32.2





#79

Terphenyl-d14

Concen: 79.645 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PX-04

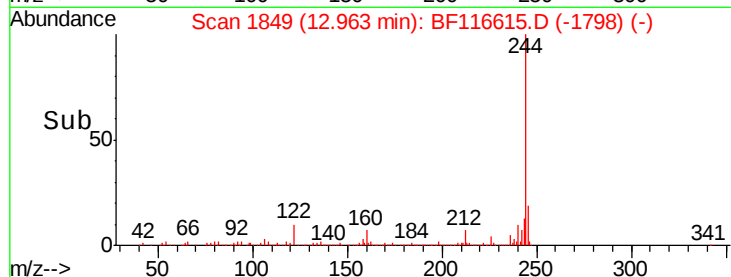
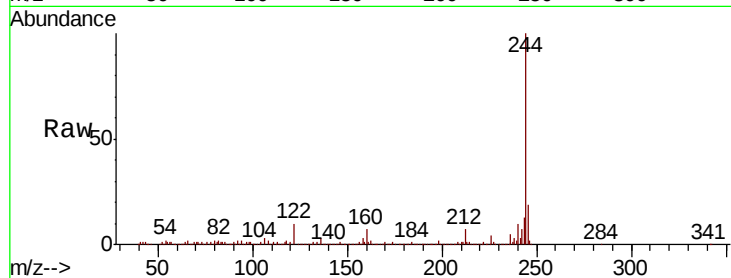
Tot Ion:244 Resp: 850483

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

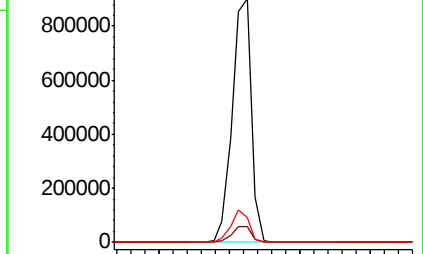
122 10.2 10.0 15.0



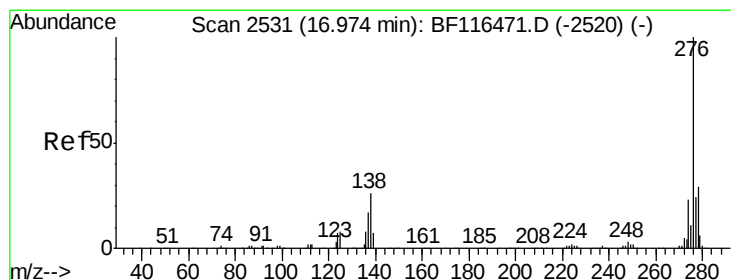
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.480 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF116615.D

Acq: 28 Aug 2019 15:23

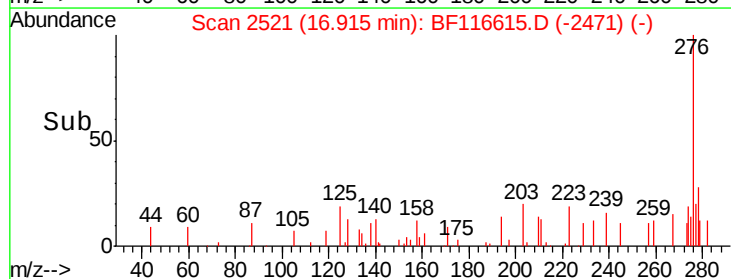
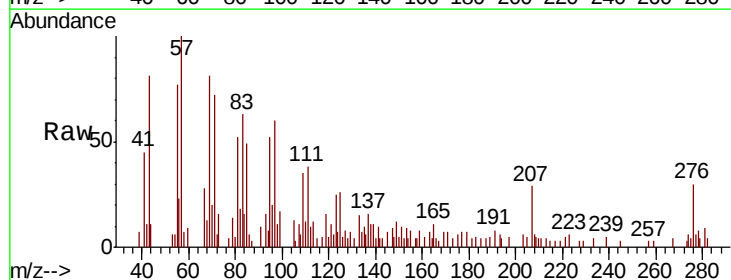
Tgt Ion:276 Resp: 5946

Ion Ratio Lower Upper

276 100

138 22.4 21.5 32.3

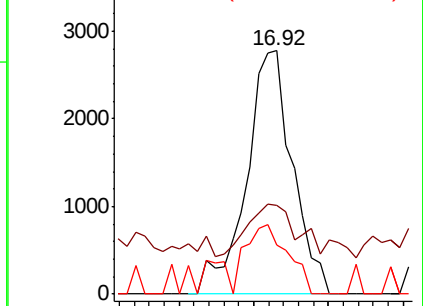
277 26.3 20.0 30.0



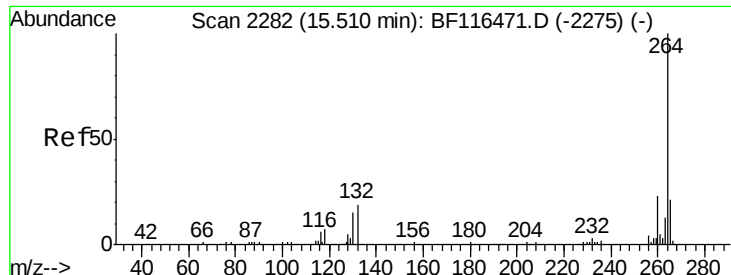
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116615.D
Acq: 28 Aug 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PX-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.0	30.0
265	20.6	17.6	26.4

