

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116046.D
 Acq On : 7 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4154-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-6

Quant Time: Aug 08 07:50:49 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

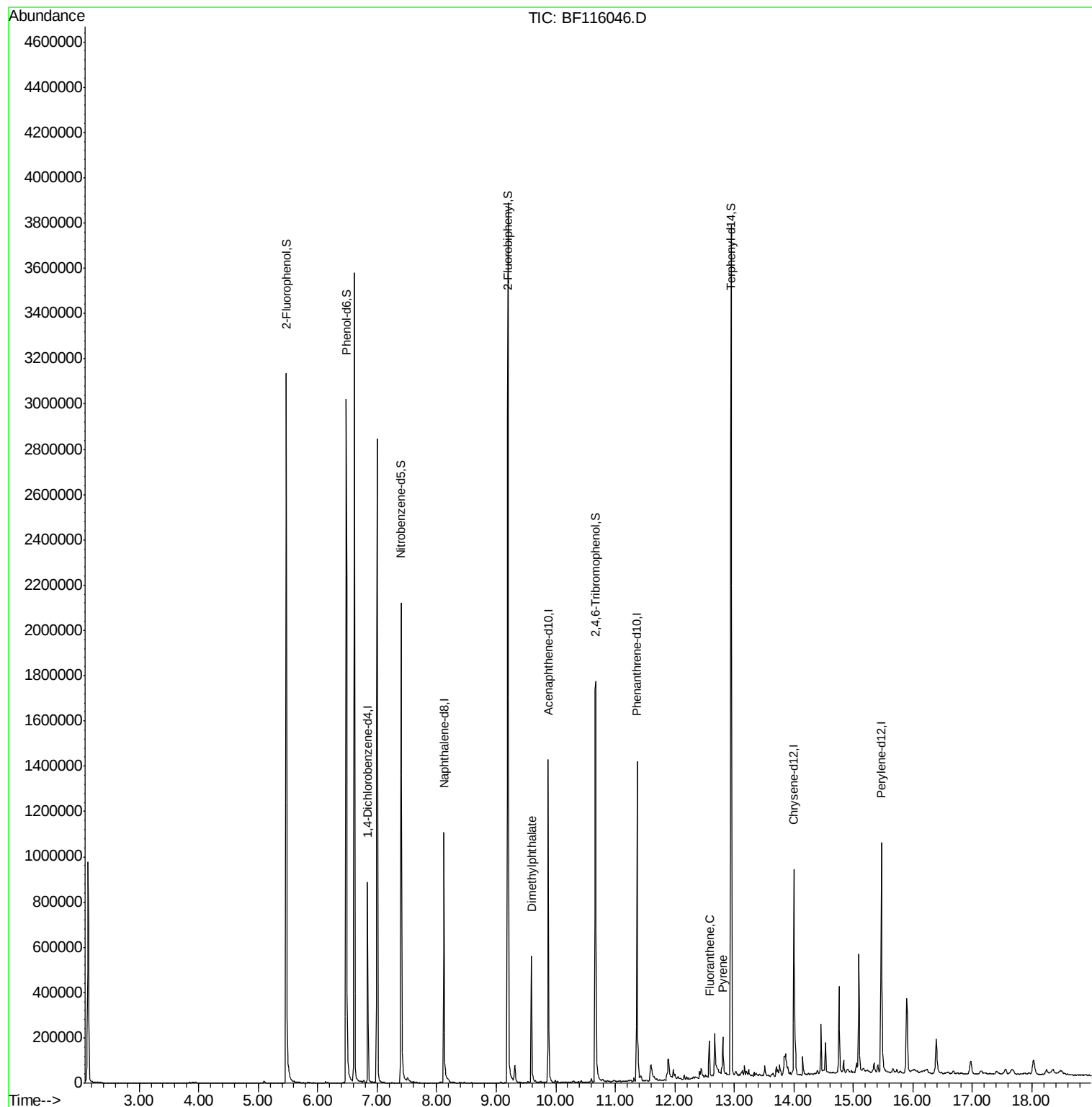
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139572	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	552247	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	297771	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	526911	20.00	ng	0.00
76) Chrysene-d12	14.00	240	294794	20.00	ng	0.00
87) Perylene-d12	15.47	264	309195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	981912	117.77	ng	0.00
7) Phenol-d6	6.48	99	1284232	122.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	792401	82.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	264057	91.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1311906	82.52	ng	0.00
79) Terphenyl-d14	12.94	244	1284044	91.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	284787	14.046	ng	98
75) Fluoranthene	12.58	202	71909	2.550	ng	97
78) Pyrene	12.80	202	72951	3.283	ng	97

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

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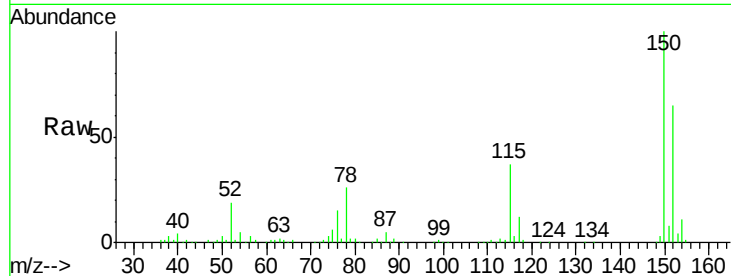


#1

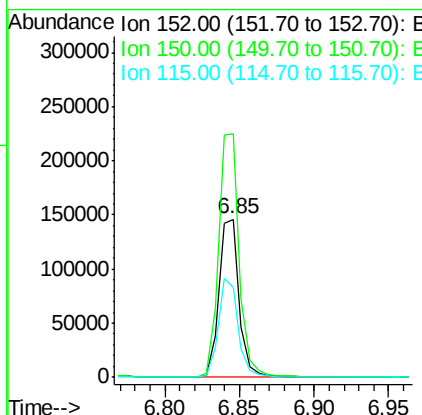
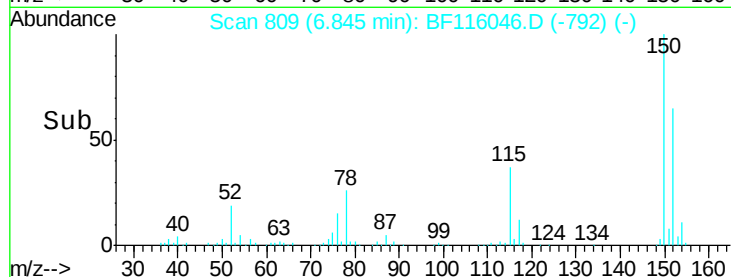
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
PS-6

Tot Ion:152 Resp: 139572
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 57.2 49.9 74.9



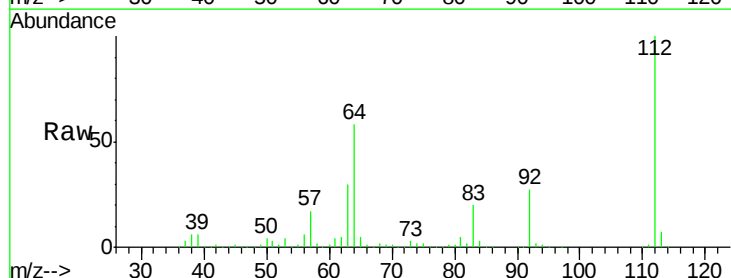
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



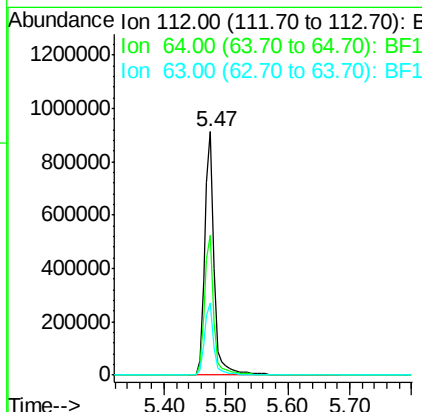
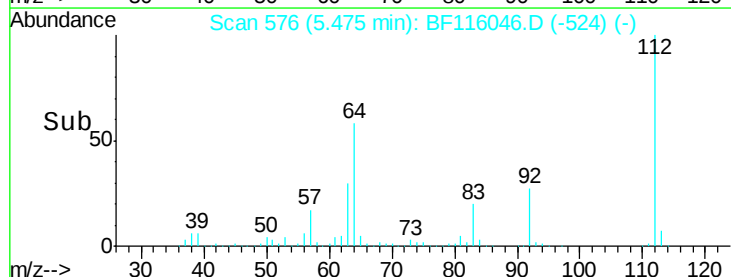
#5

2-Fluorophenol
Concen: 117.773 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Tgt Ion:112 Resp: 981912
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 29.8 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: 122.087 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampled :

PS-6

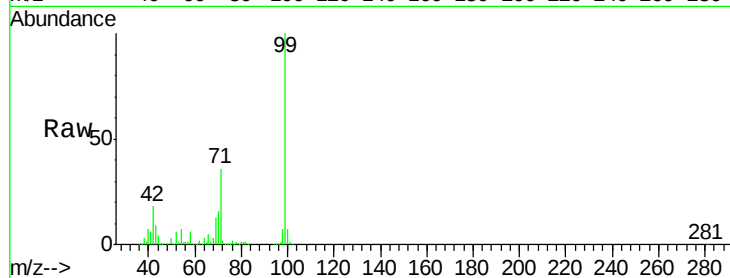
Tot Ion: 99 Resp: 1284232

Ion Ratio Lower Upper

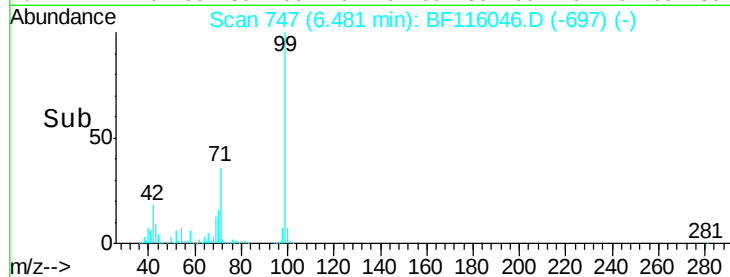
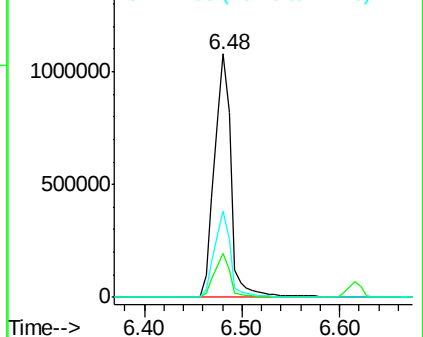
99 100

42 17.9 13.8 20.8

71 35.5 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# 1026

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Tgt Ion: 136 Resp: 552247

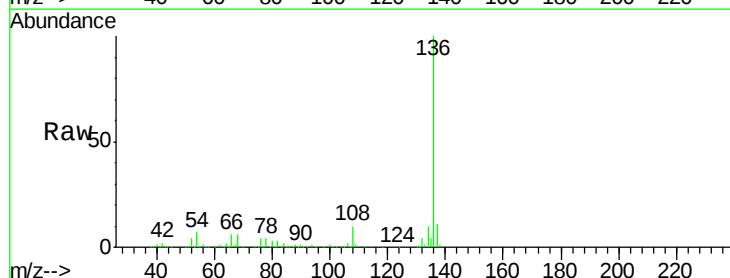
Ion Ratio Lower Upper

136 100

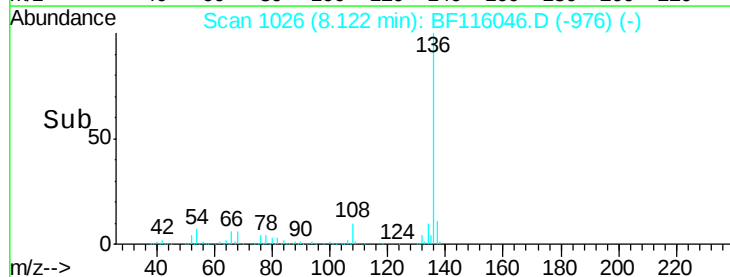
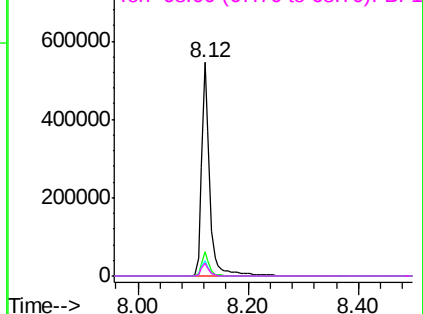
137 11.1 9.0 13.4

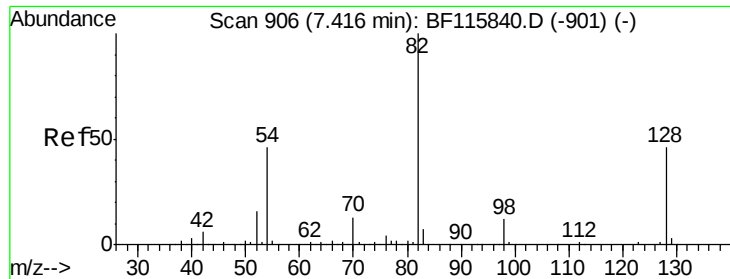
54 7.4 5.8 8.6

68 6.1 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

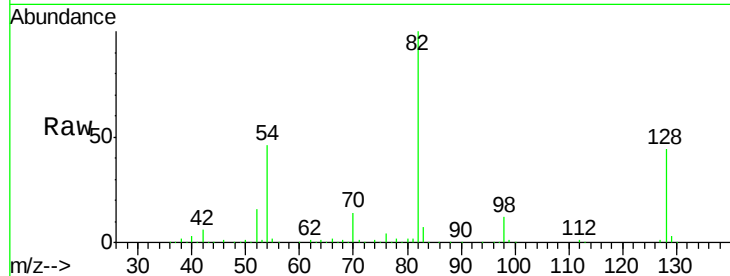




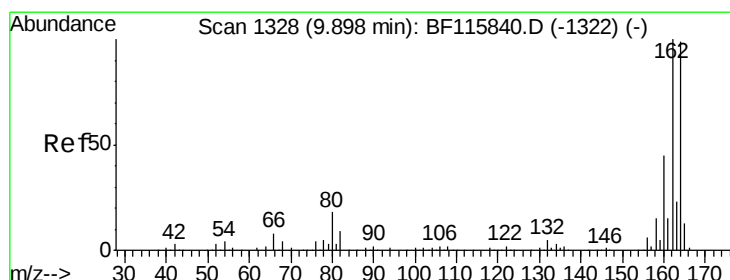
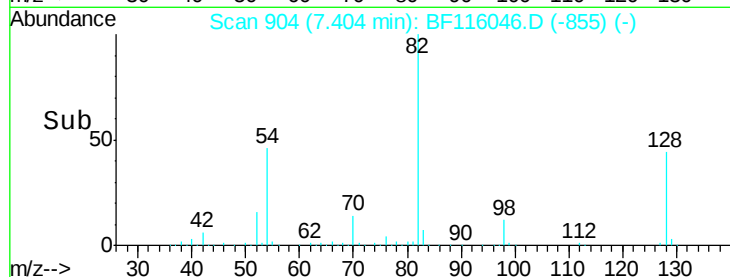
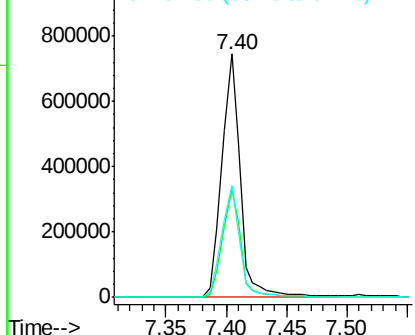
#23
 Nitrobenzene-d5
 Concen: 82.825 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Instrument :
 BNA_F
 ClientSampled :
 PS-6

Tot Ion	82	Resp	792401
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.5	54.7
54	46.0	36.0	54.0

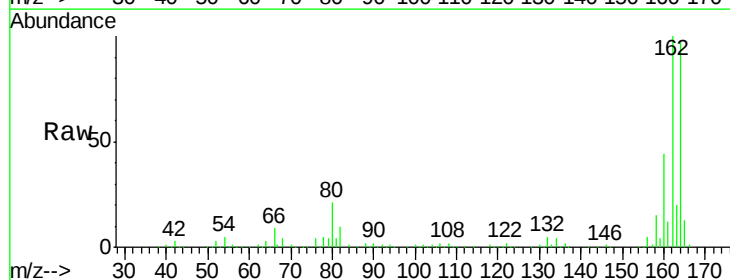


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

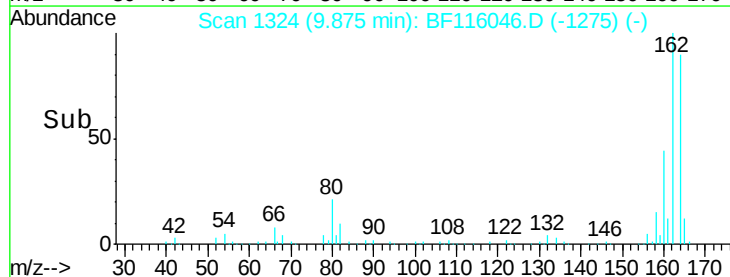
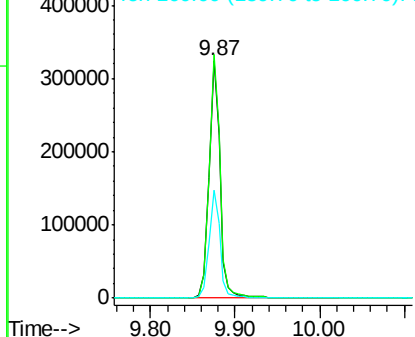


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Tgt Ion	164	Resp	297771
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.6	124.0
160	45.4	37.6	56.4



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

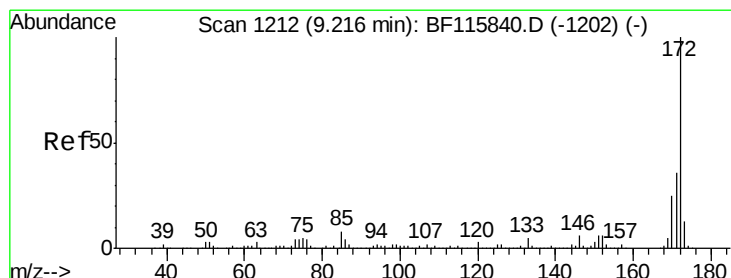
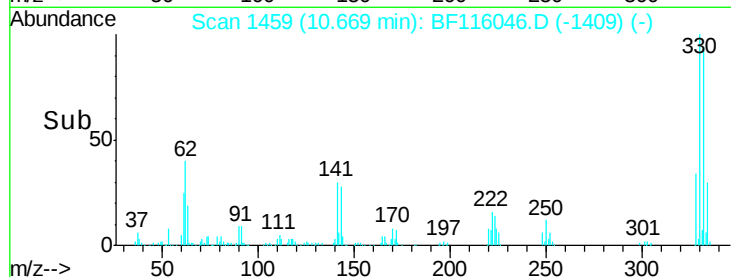
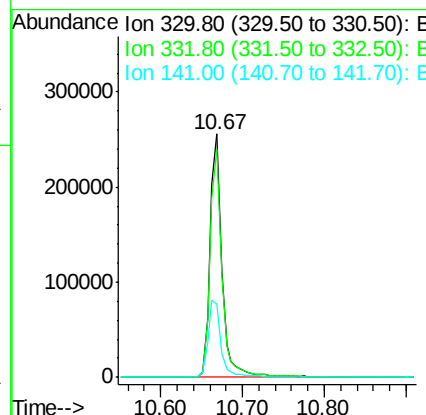
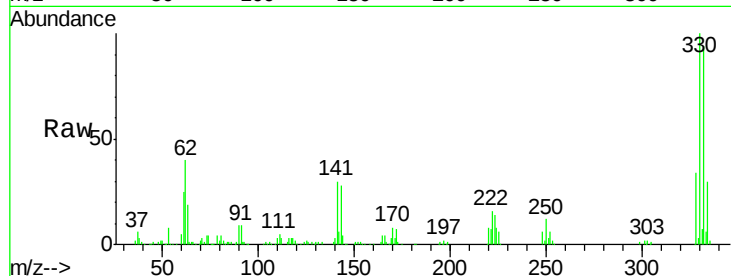




#42
 2,4,6-Tribromophenol
 Concen: 91.465 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

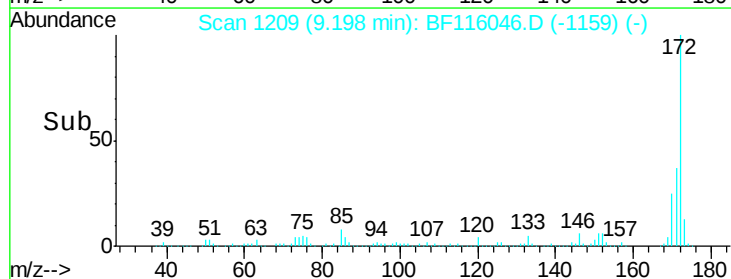
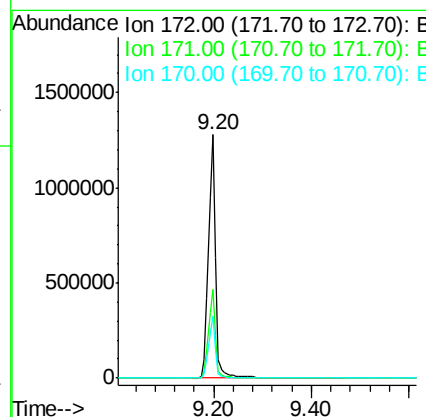
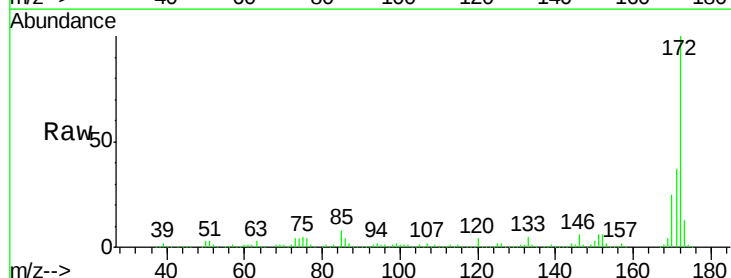
Instrument :
 BNA_F
 ClientSampleId :
 PS-6

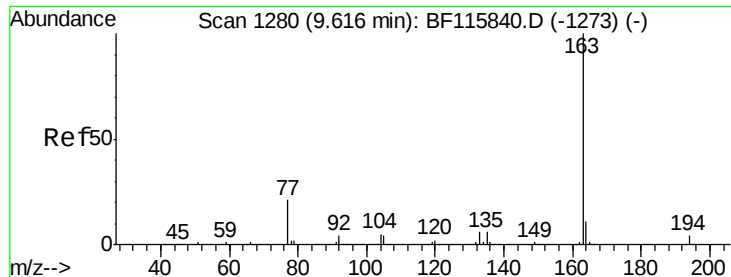
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.8	115.2
141	34.5	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 82.523 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.2	20.1	30.1

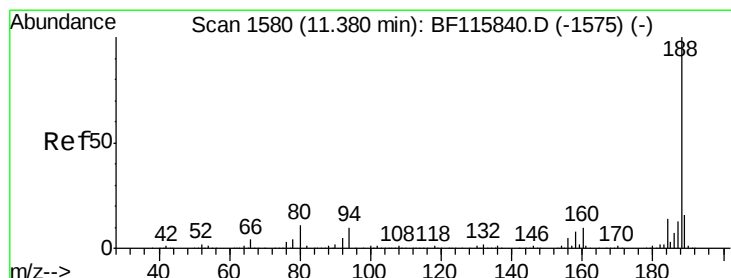
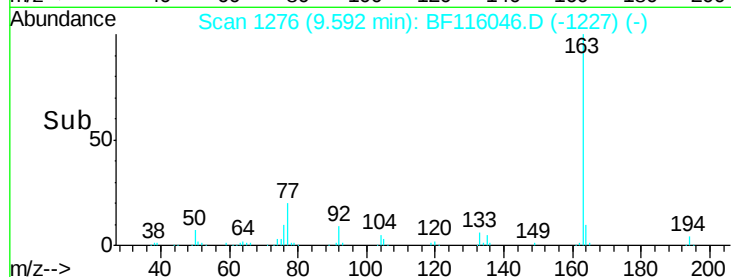
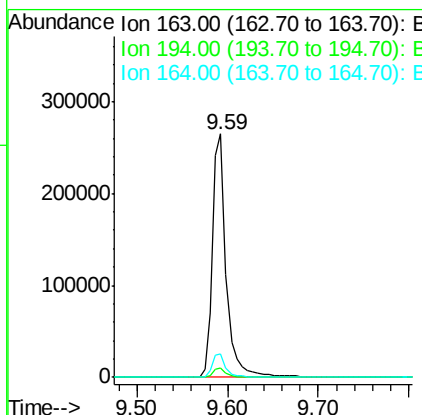
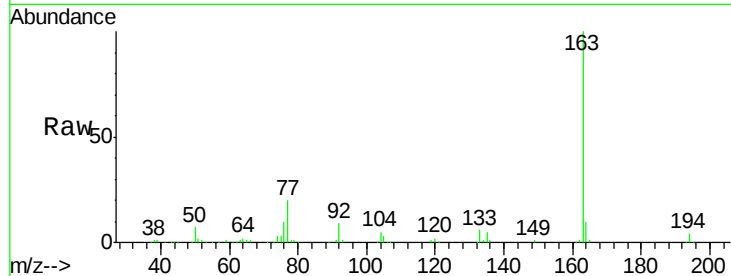




#50
 Dimethylphthalate
 Concen: 14.046 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

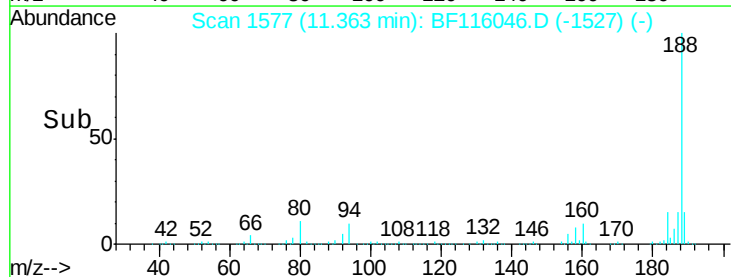
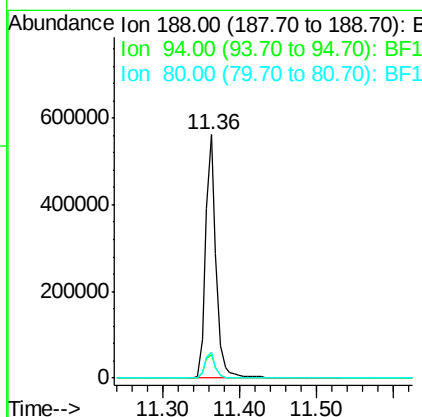
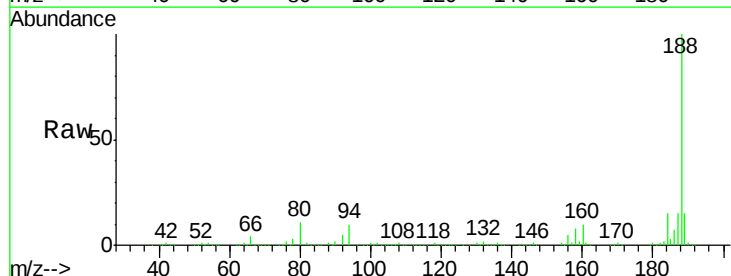
Instrument :
 BNA_F
 ClientSampleId :
 PS-6

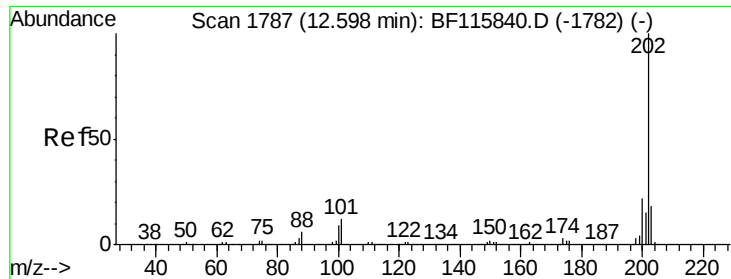
Tot Ion:163	Resp:	284787
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.6
164	9.7	8.4 12.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Tgt Ion:188	Resp:	526911
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.1 12.1
80	10.5	8.7 13.1





#75

Fluoranthene

Concen: 2.550 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

Instrument :

BNA_F

ClientSampleId :

PS-6

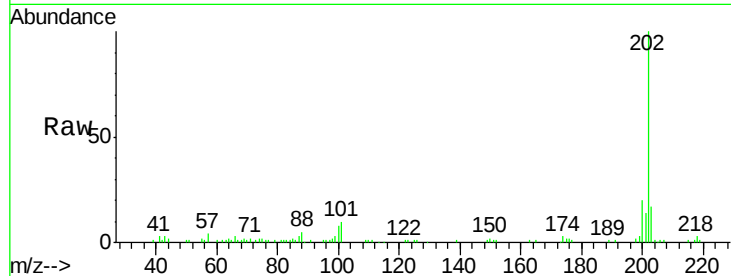
Tot Ion:202 Resp: 71909

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.2

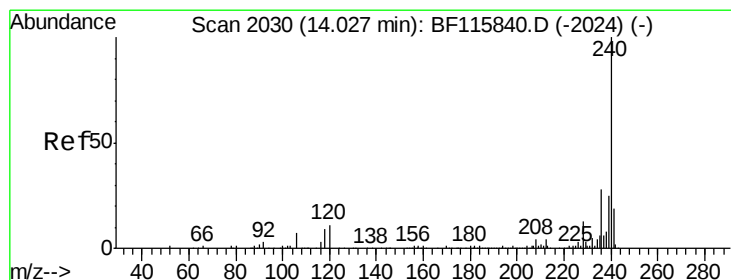
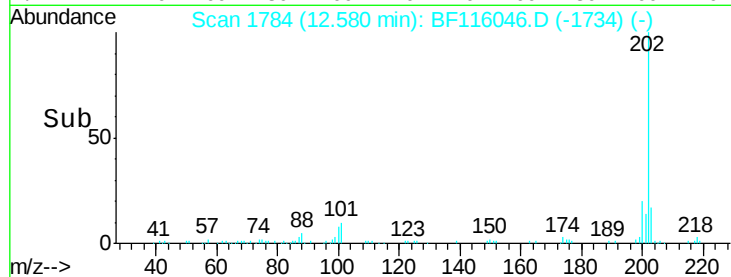
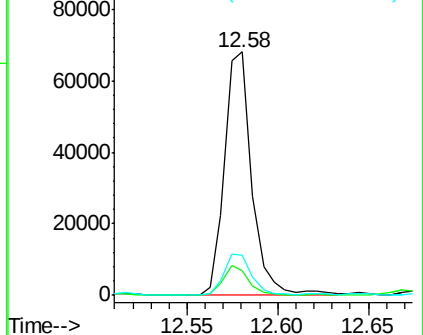
203 16.7 0.0 37.8



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# 2026

Delta R.T. -0.01 min

Lab File: BF116046.D

Acq: 7 Aug 2019 13:14

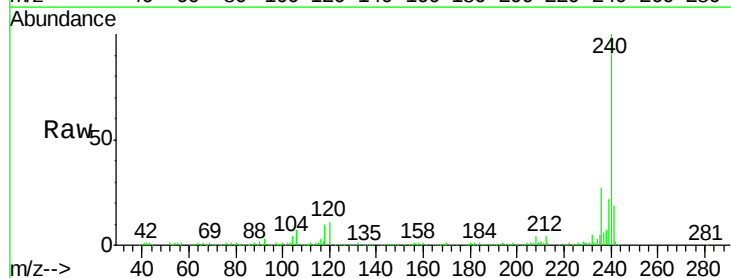
Tgt Ion:240 Resp: 294794

Ion Ratio Lower Upper

240 100

120 11.1 10.7 16.1

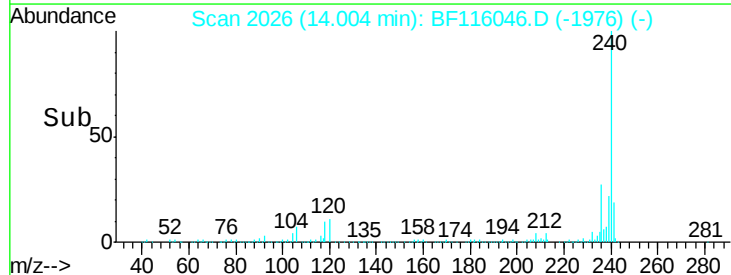
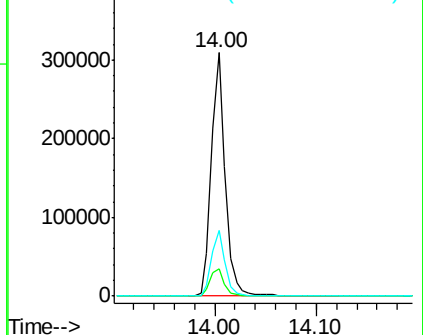
236 27.2 22.2 33.2

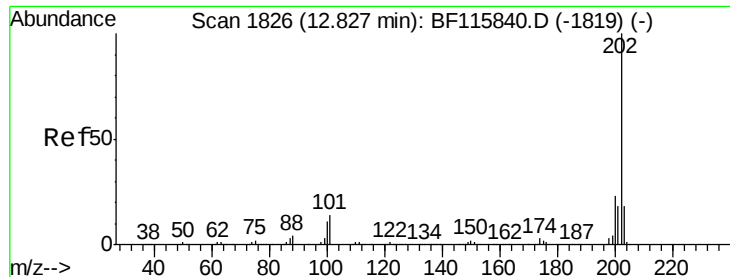


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

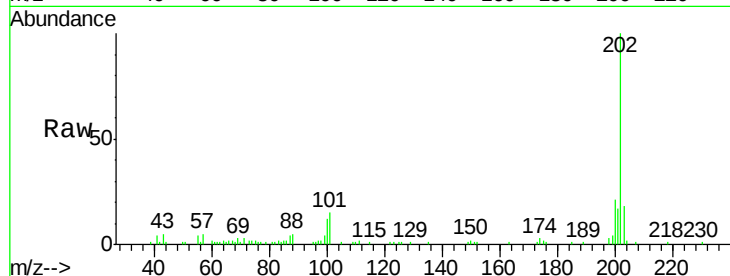




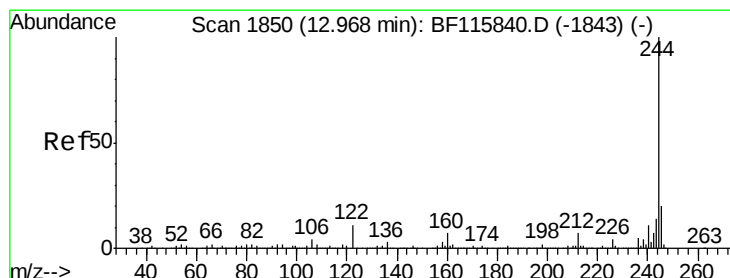
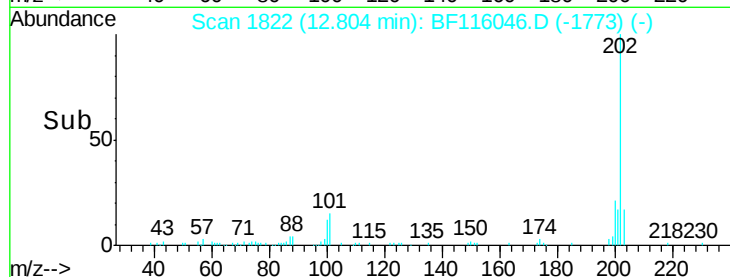
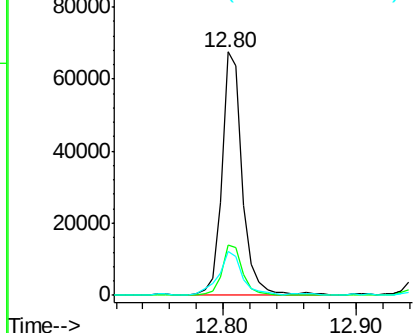
#78
Pvrene
Concen: 3.283 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
PS-6

Tot Ion:202 Resp: 72951
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 18.1 14.1 21.1

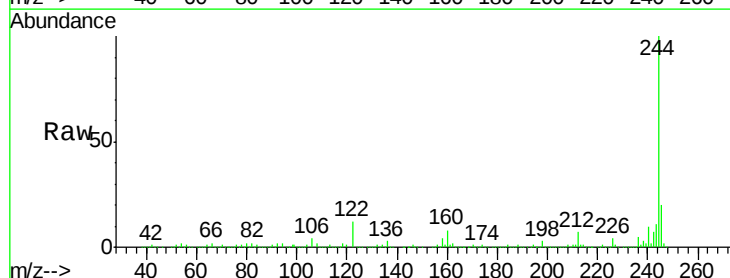


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

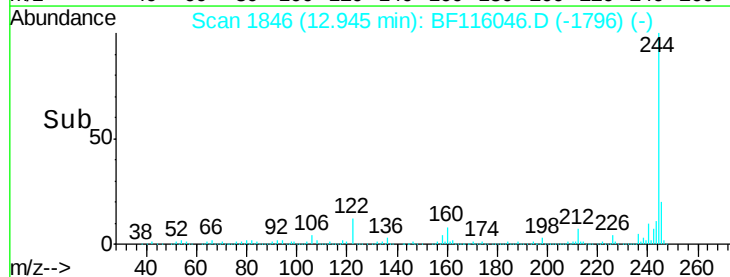
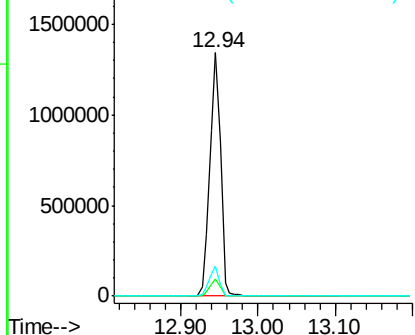


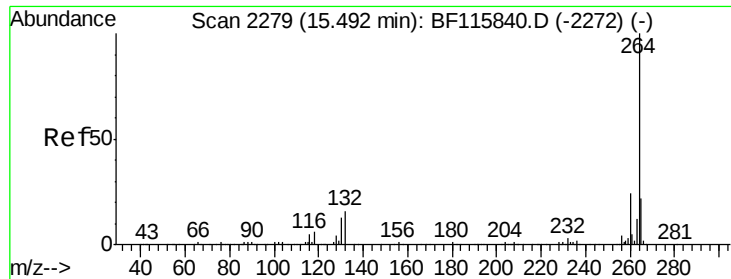
#79
Terphenyl-d14
Concen: 91.782 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116046.D
Acq: 7 Aug 2019 13:14

Tgt Ion:244 Resp: 1284044
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.4 9.0 13.4



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

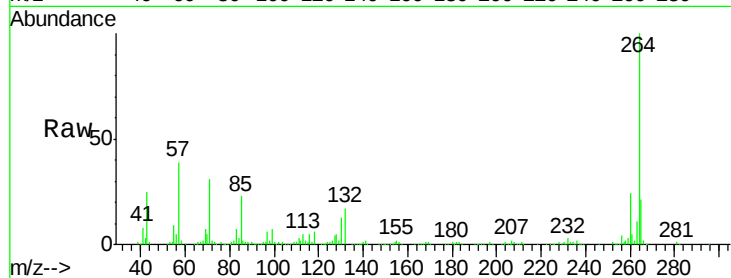




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116046.D
 Acq: 7 Aug 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PS-6

Tot Ion:264 Resp: 309195
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 21.3 17.4 26.0



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

