

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113402.D
 Acq On : 29 Mar 2019 6:03
 Operator : JU/SJ
 Sample : K2093-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30091-30097-4

Quant Time: Mar 29 08:40:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

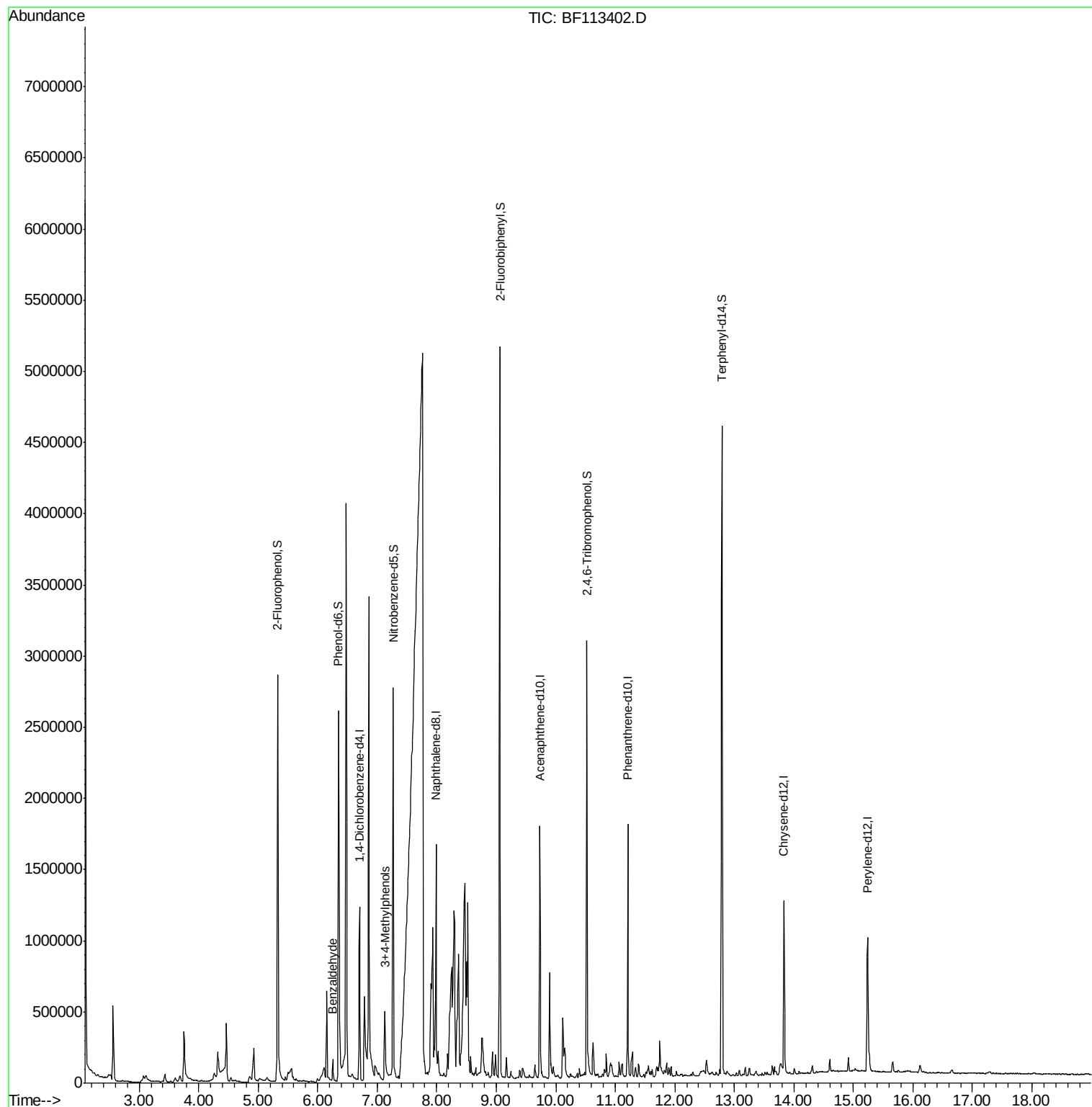
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	185812	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	676993	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	343402	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	646433	20.00	ng	0.00
76) Chrysene-d12	13.83	240	468087	20.00	ng	-0.01
87) Perylene-d12	15.24	264	481262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1051880	92.56	ng	0.01
7) Phenol-d6	6.35	99	1196932	83.26	ng	0.00
23) Nitrobenzene-d5	7.27	82	935097	81.98	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	483625	114.01	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1746647	78.34	ng	0.00
79) Terphenyl-d14	12.79	244	1685117	79.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.25	77	39003	4.043	ng	96
20) 3+4-Methylphenols	7.13	107	198361	11.051	ng	# 81

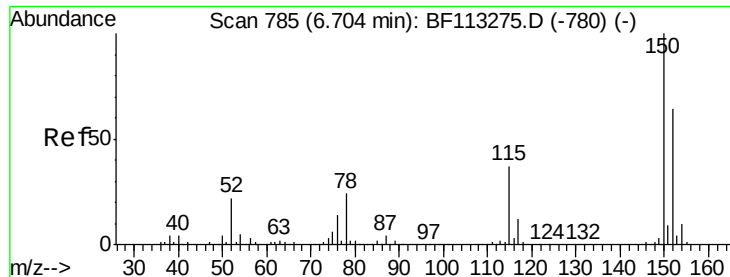
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113402.D
Acq On : 29 Mar 2019 6:03
Operator : JU/SJ
Sample : K2093-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Quant Time: Mar 29 08:40:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



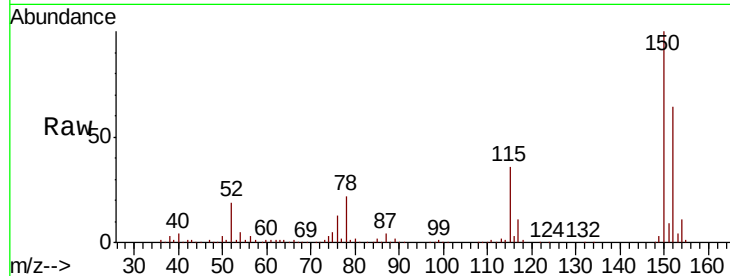


#1

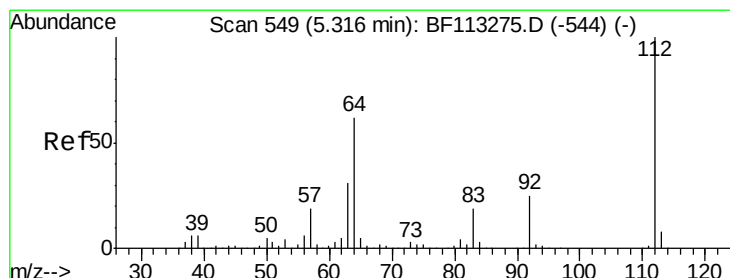
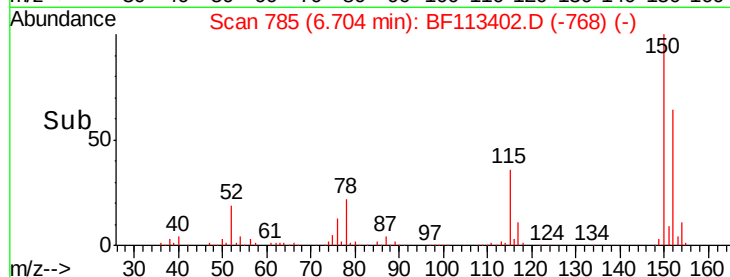
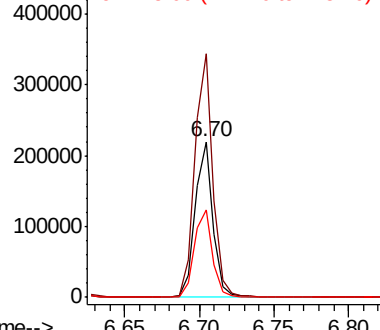
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tot Ion:152 Resp: 185812
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 55.9 46.0 69.0



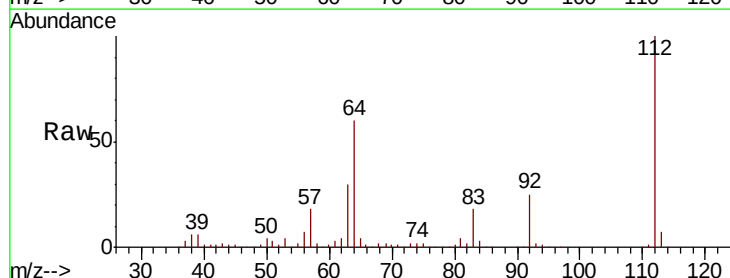
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



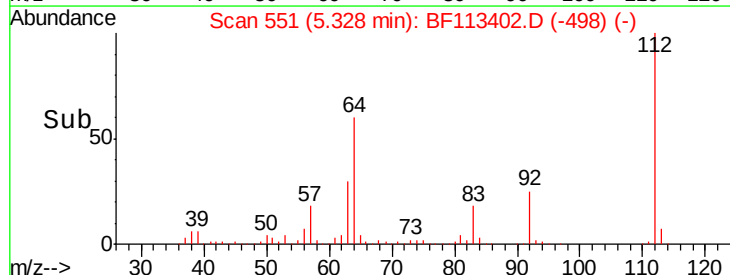
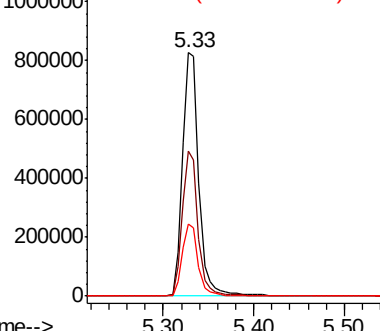
#5

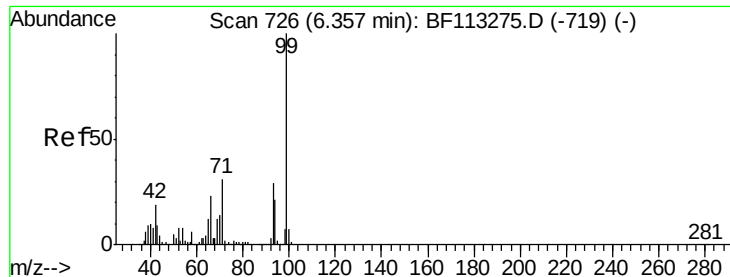
2-Fluorophenol
Concen: 92.564 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:112 Resp: 1051880
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 29.7 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: 83.260 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113402.D

Acq: 29 Mar 2019 6:03

Instrument :

BNA_F

ClientSampleId :

30091-30097-4

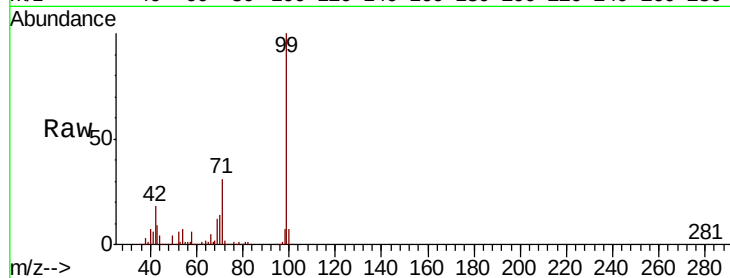
Tot Ion: 99 Resp: 1196932

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

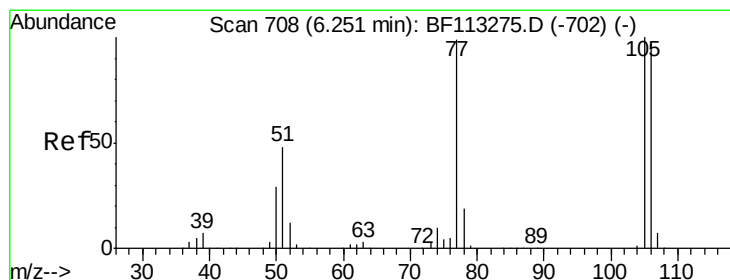
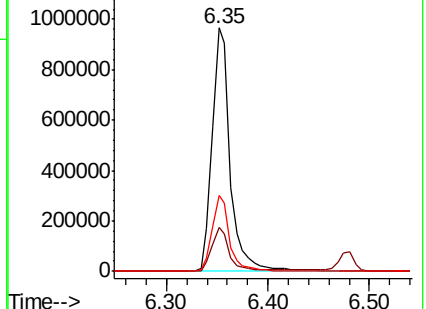
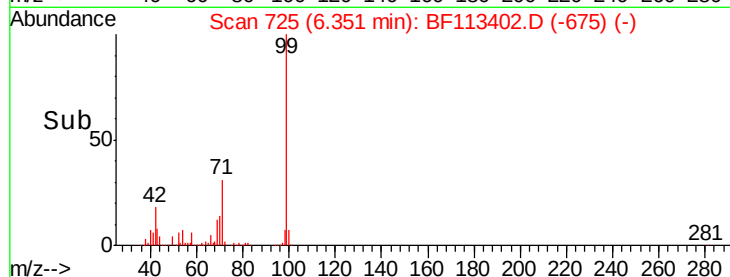
71 31.2 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.043 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113402.D

Acq: 29 Mar 2019 6:03

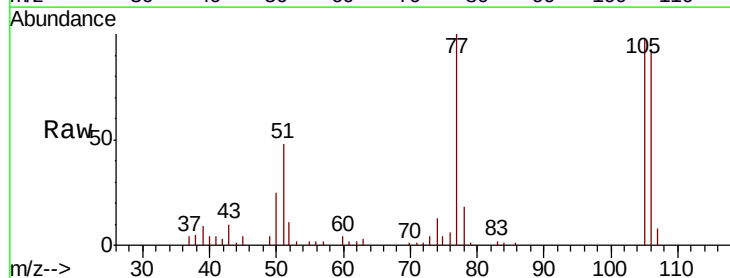
Tgt Ion: 77 Resp: 39003

Ion Ratio Lower Upper

77 100

105 98.5 80.9 120.9

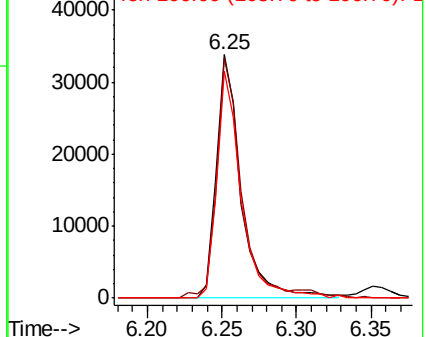
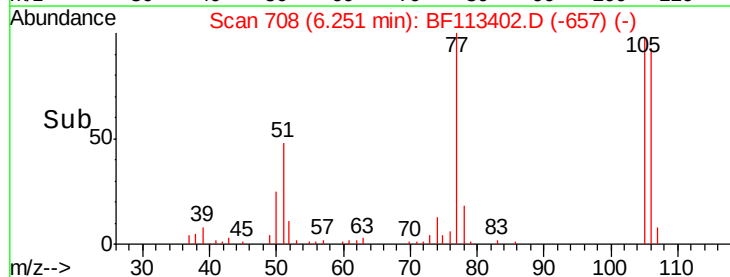
106 93.1 77.8 117.8

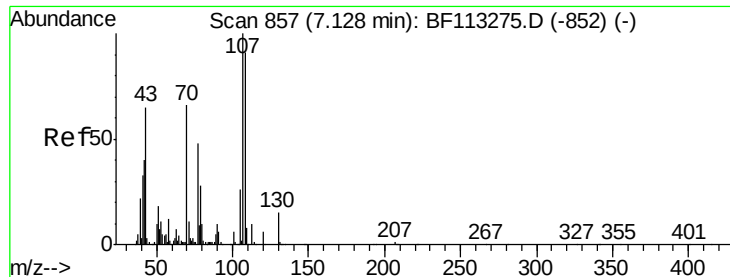


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#20

3+4-Methylphenols

Concen: 11.051 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113402.D

Acq: 29 Mar 2019 6:03

Instrument :

BNA_F

ClientSampleId :

30091-30097-4

Tot Ion:107 Resp: 198361

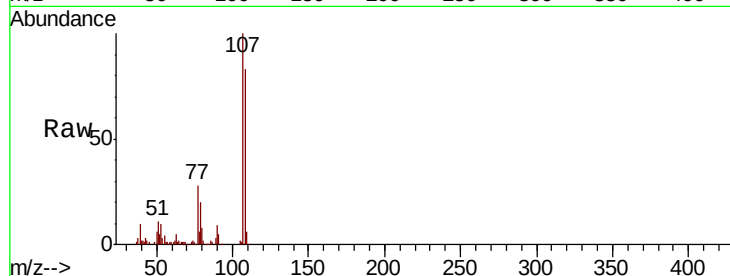
Ion Ratio Lower Upper

107 100

108 83.1 71.4 111.4

77 27.6 33.5 73.5#

79 19.7 8.3 48.3

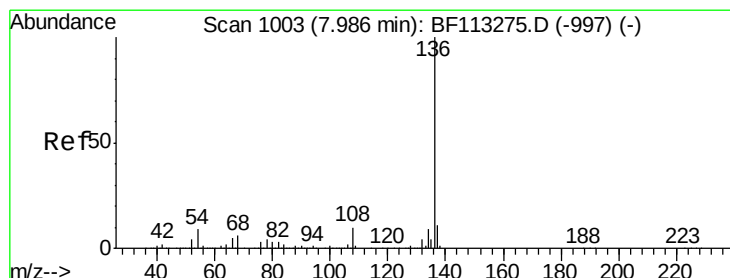
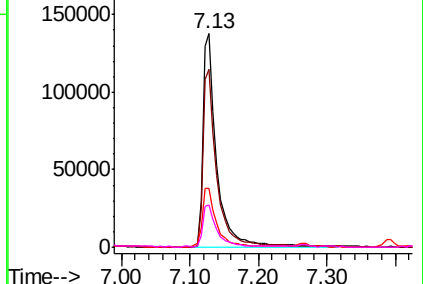
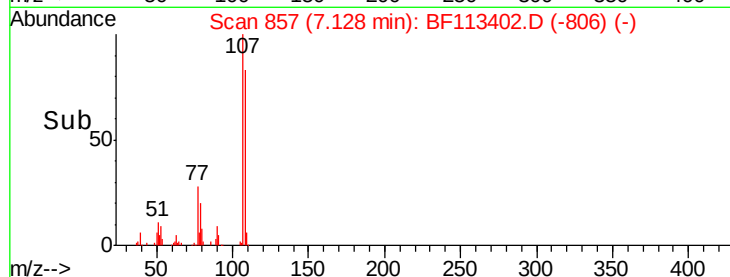


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113402.D

Acq: 29 Mar 2019 6:03

Tgt Ion:136 Resp: 676993

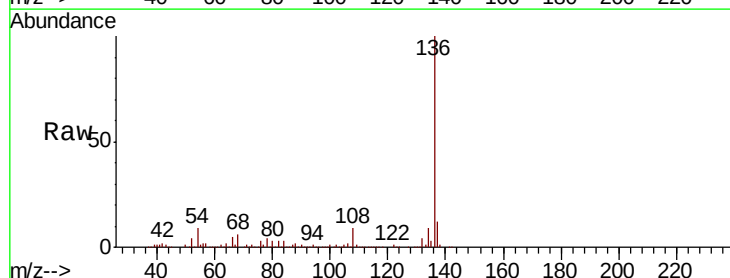
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.8 7.0 10.6

68 6.5 4.8 7.2

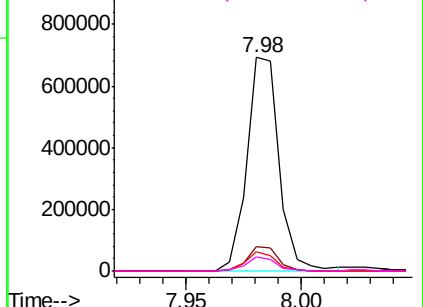
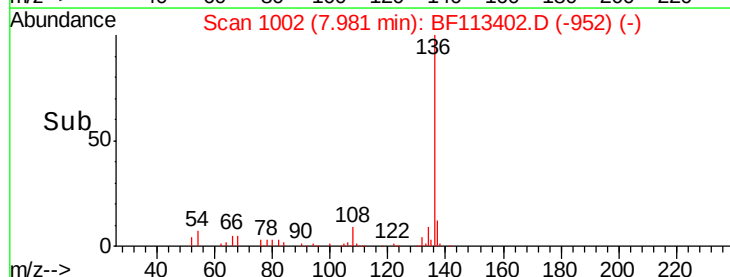


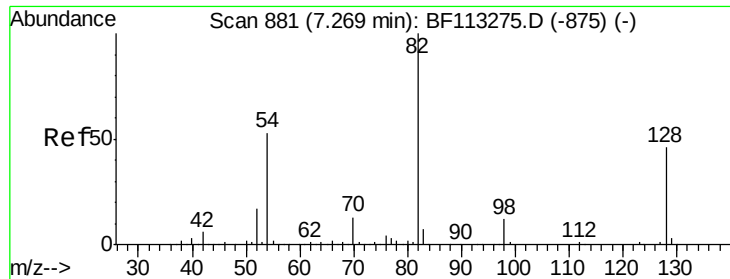
Abundance Ion 136.00 (135.70 to 136.70): E

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

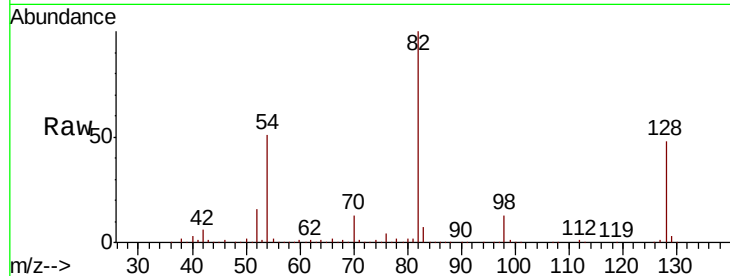




#23
Nitrobenzene-d5
Concen: 81.983 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tot Ion	82	Resp	935097
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.5	54.7
54	51.0	42.2	63.2

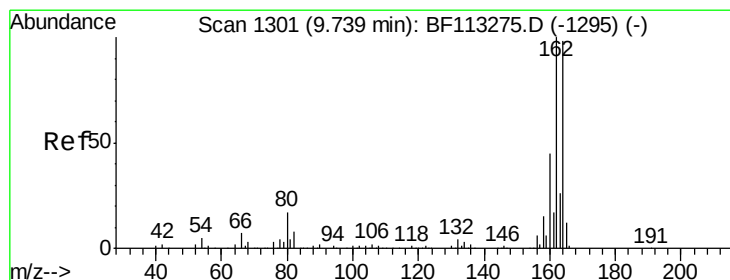
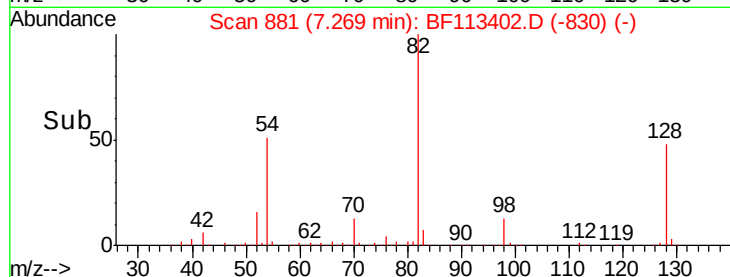
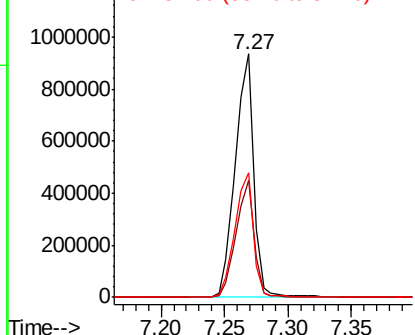


Abundance

Ion 82.00 (81.70 to 82.70): BF1

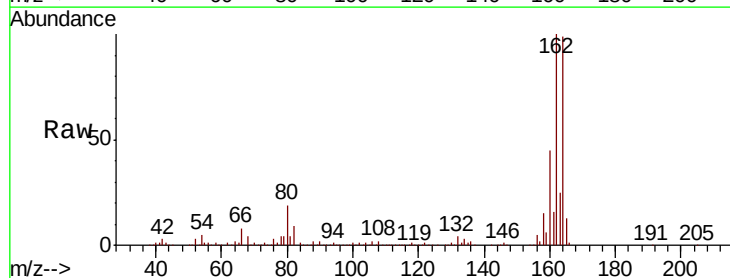
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion	164	Resp	343402
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.8	122.6
160	45.2	36.4	54.6

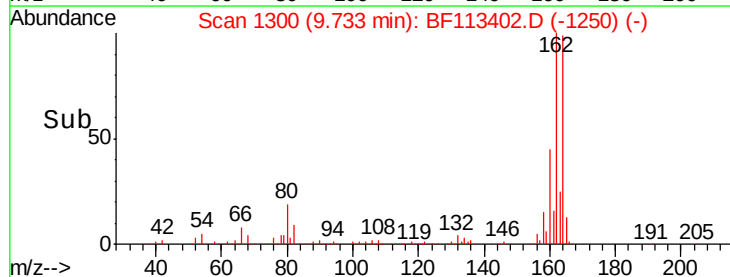
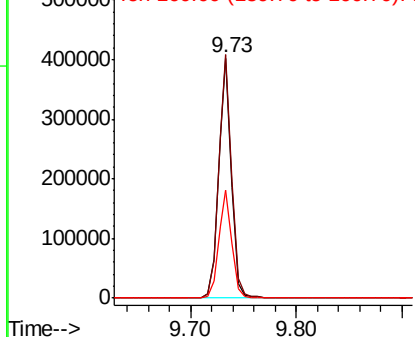


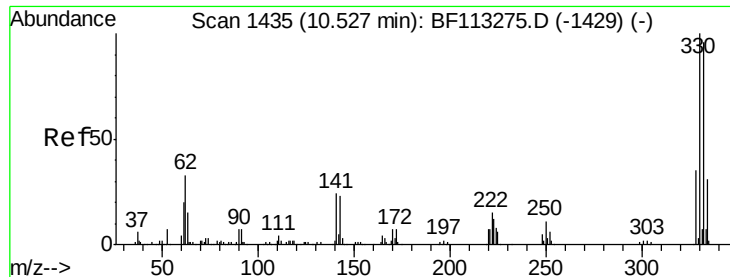
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

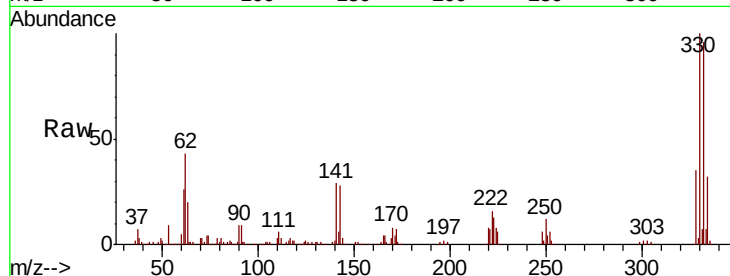




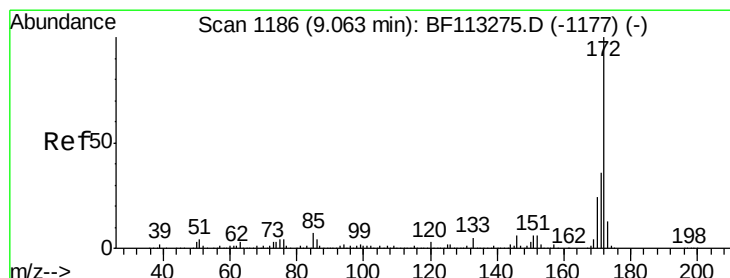
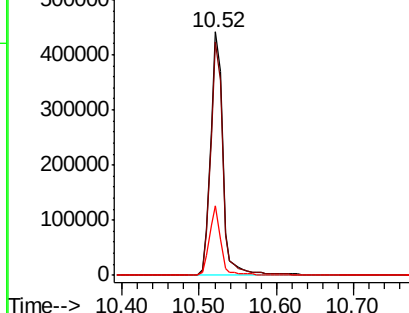
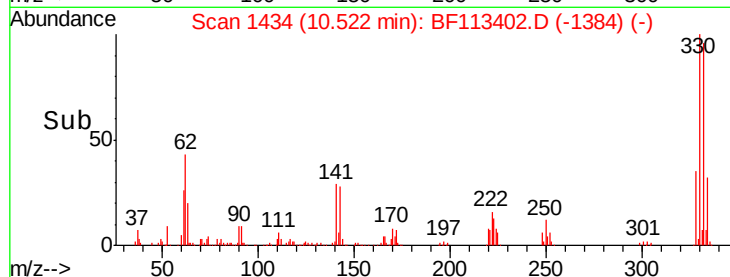
#42
 2,4,6-Tribromophenol
 Concen: 114.014 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113402.D
 Acq: 29 Mar 2019 6:03

Instrument :
 BNA_F
 ClientSampleId :
 30091-30097-4

Tot Ion:330 Resp: 483625
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.8 116.6
 141 27.0 22.7 34.1

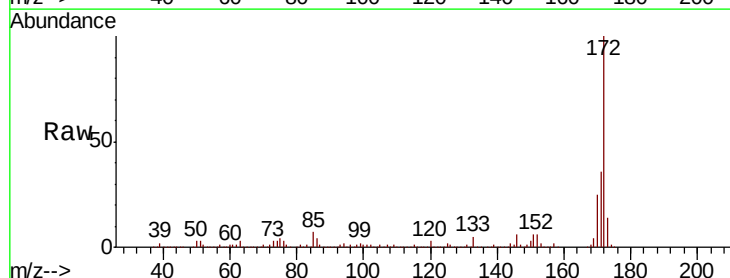


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

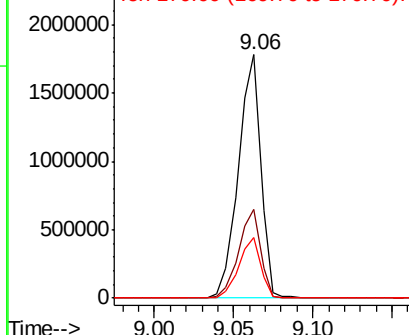
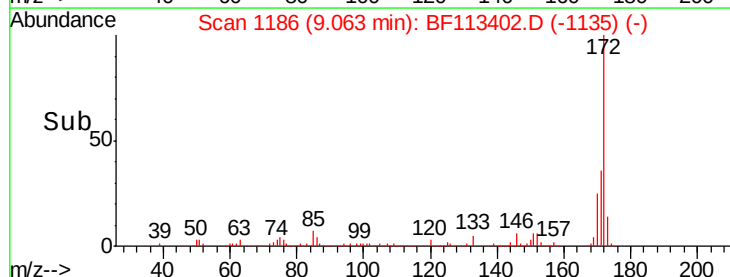


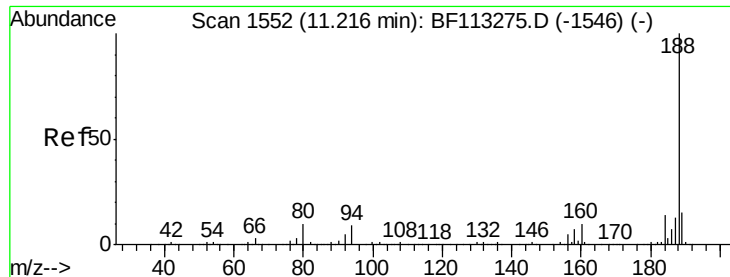
#45
 2-Fluorobiphenyl
 Concen: 78.338 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113402.D
 Acq: 29 Mar 2019 6:03

Tgt Ion:172 Resp: 1746647
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 19.5 29.3



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

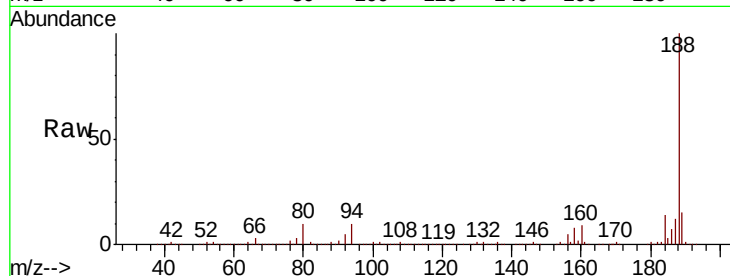




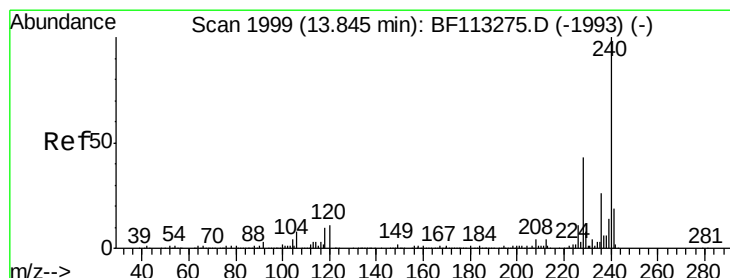
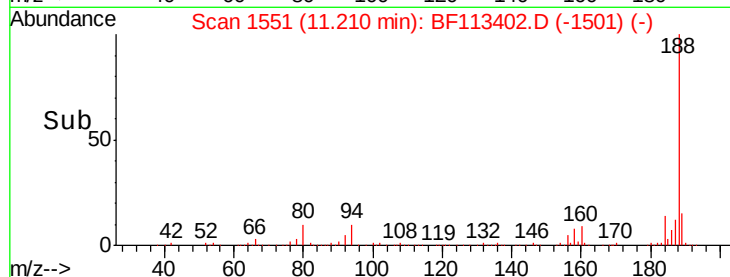
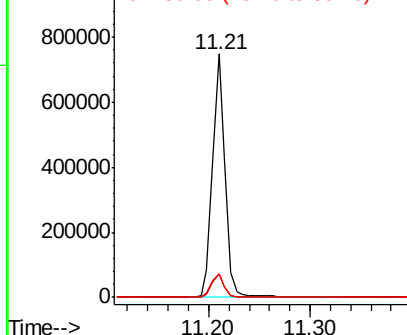
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Instrument :
BNA_F
ClientSampleId :
30091-30097-4

Tot Ion:188 Resp: 646433
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.7 7.7 11.5

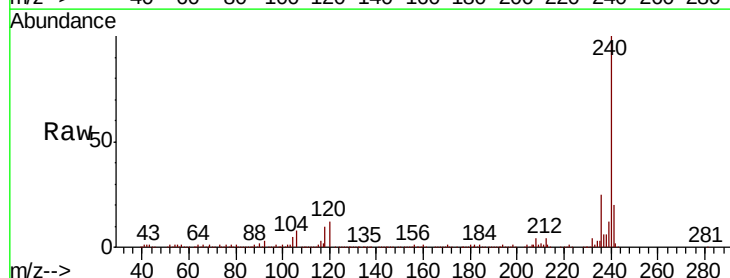


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

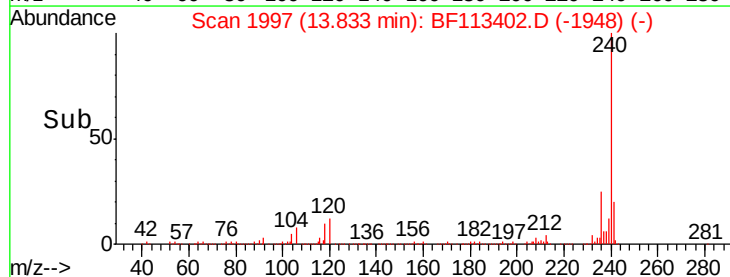
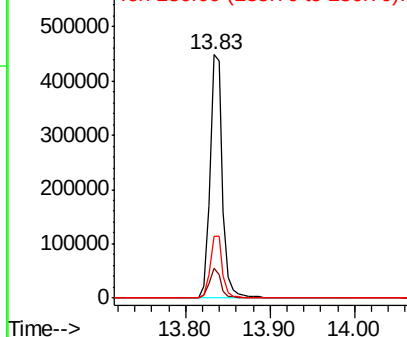


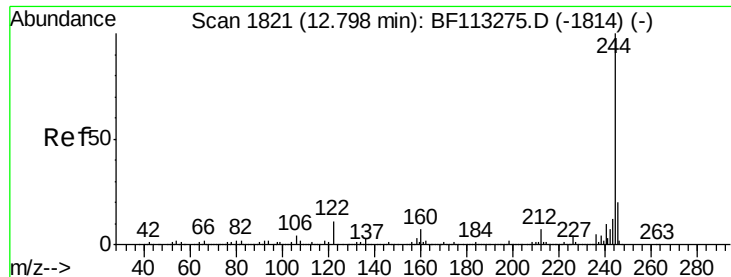
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113402.D
Acq: 29 Mar 2019 6:03

Tgt Ion:240 Resp: 468087
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 25.3 20.9 31.3



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

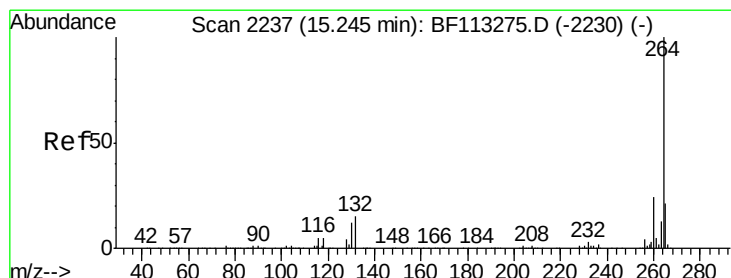
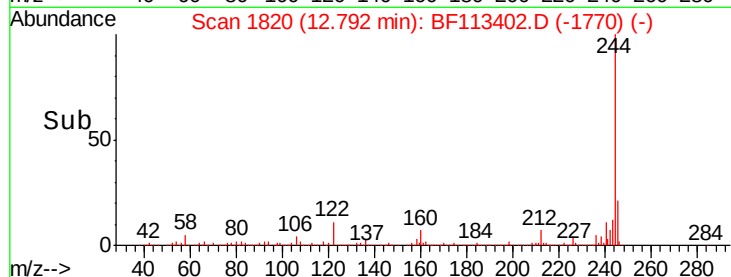
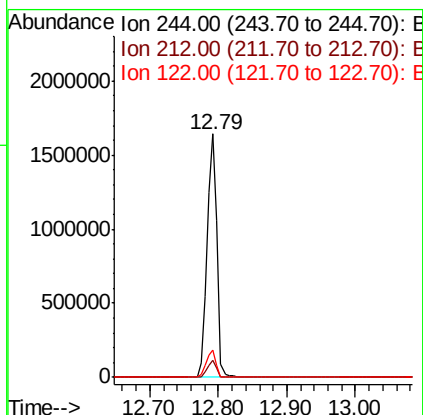
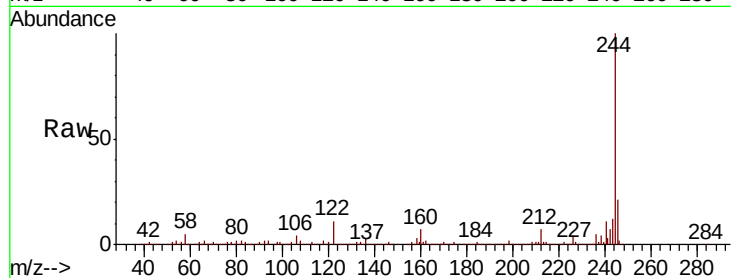




#79
 Terphenyl-d14
 Concen: 79.350 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113402.D
 Acq: 29 Mar 2019 6:03

Instrument :
 BNA_F
 ClientSampleId :
 30091-30097-4

Tot Ion:244 Resp: 1685117
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.4 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113402.D
 Acq: 29 Mar 2019 6:03

Tgt Ion:264 Resp: 481262
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.4 17.1 25.7

