

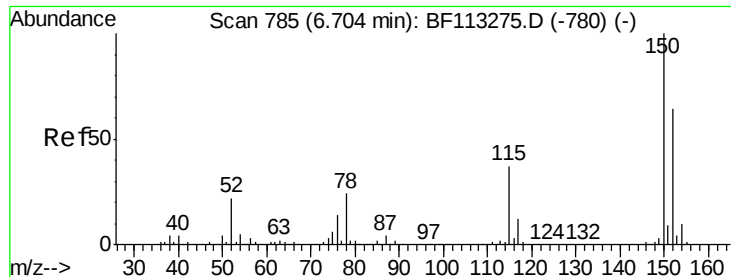
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113390.D
 Acq On : 28 Mar 2019 22:56
 Operator : JU/SJ
 Sample : K2093-20 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

Quant Time: Mar 29 02:14:24 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	164835	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	652066	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305204	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	542711	20.00	ng	0.00
76) Chrysene-d12	13.84	240	432425	20.00	ng	0.00
87) Perylene-d12	15.24	264	433396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	29883	2.96	ng	0.00
7) Phenol-d6	6.36	99	27165	2.13	ng	0.00
23) Nitrobenzene-d5	7.26	82	48665	4.43	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	24065	6.38	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	108894	-15.20	ng	0.00
79) Terphenyl-d14	12.79	244	76264	3.89	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	23919	2.843	ng	98
20) 3+4-Methylphenols	7.13	107	41285	Below Cal	#	81
32) Benzoic acid	7.93	122	993976	141.661	ng	99
33) 4-Chloroaniline	8.23	127	32208	2.592	ng	# 30
57) 2,4-Dinitrotoluene	9.73	165	39317	6.059	ng	# 24

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

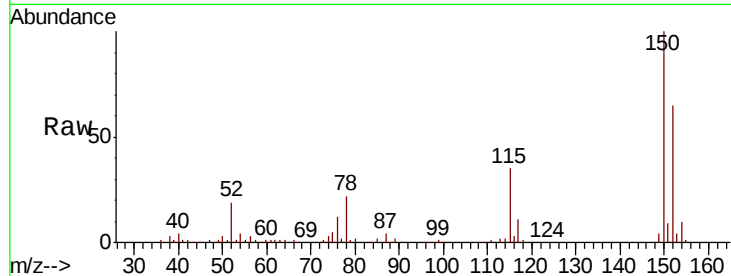


#1

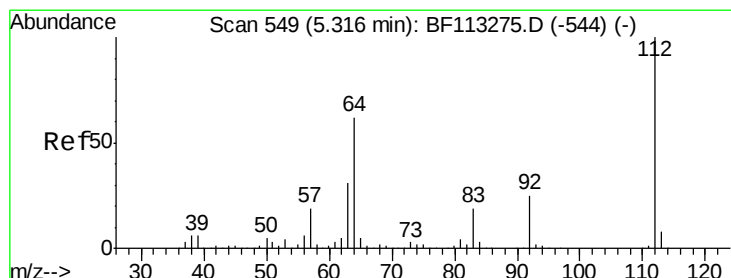
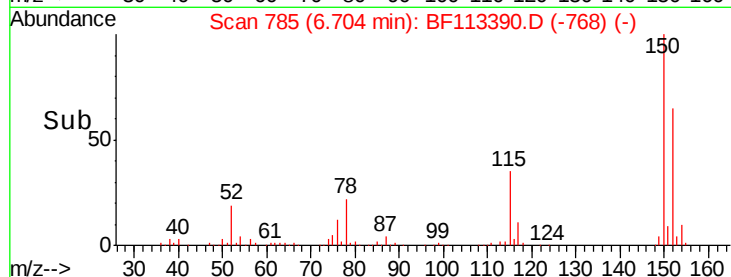
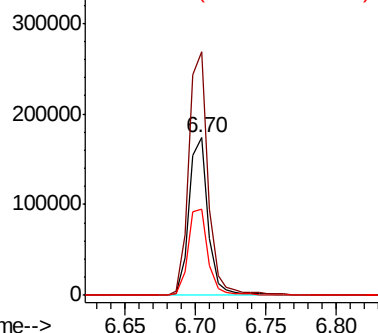
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

Tgt Ion:152 Resp: 164835
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 54.9 46.0 69.0



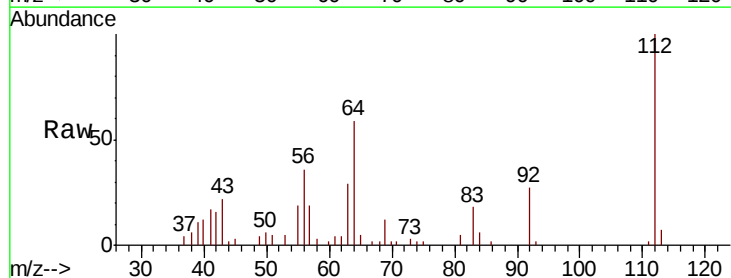
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



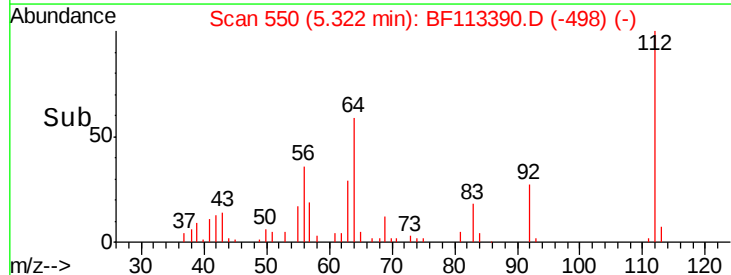
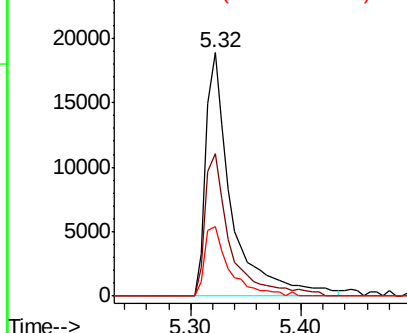
#5

2-Fluorophenol
Concen: 2.964 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Tgt Ion:112 Resp: 29883
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 28.8 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: 2.130 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

Instrument :

BNA_F

ClientSampleId :

30099-30100-OW-6

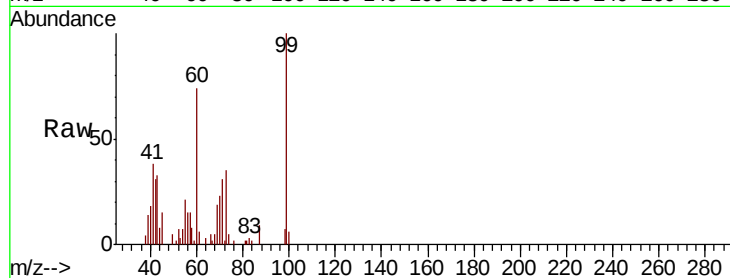
Tgt Ion: 99 Resp: 27165

Ion Ratio Lower Upper

99 100

42 31.2 14.8 22.2#

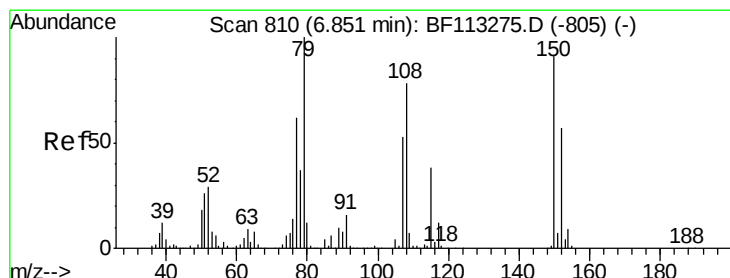
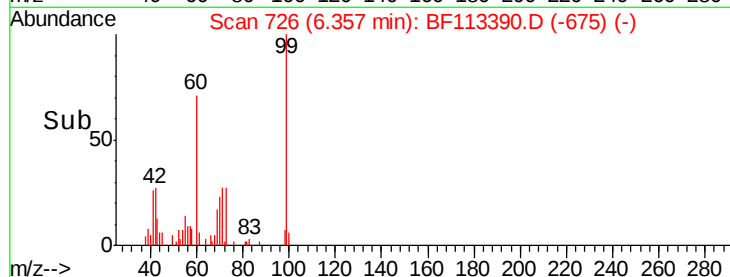
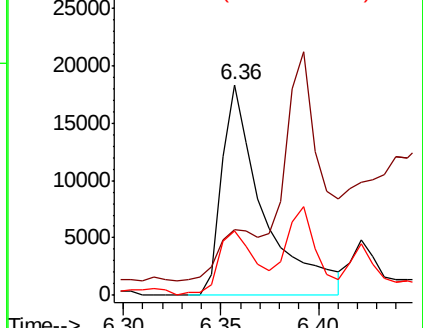
71 30.9 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.843 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.04 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

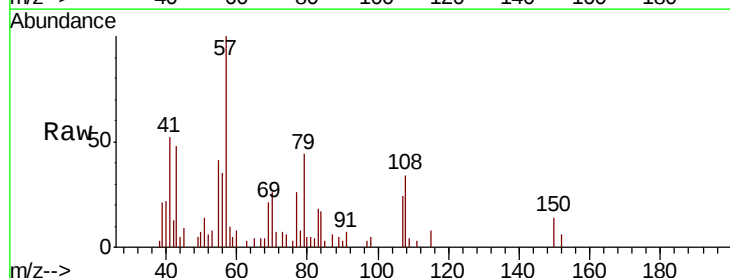
Tgt Ion: 79 Resp: 23919

Ion Ratio Lower Upper

79 100

108 78.3 62.0 93.0

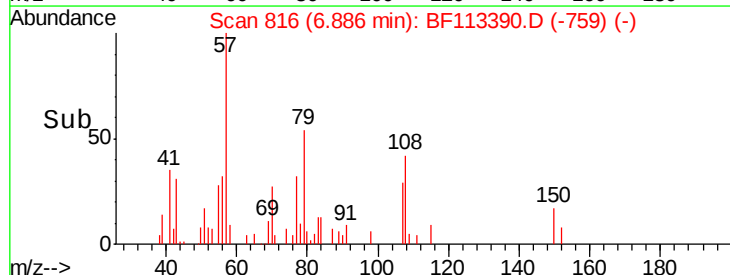
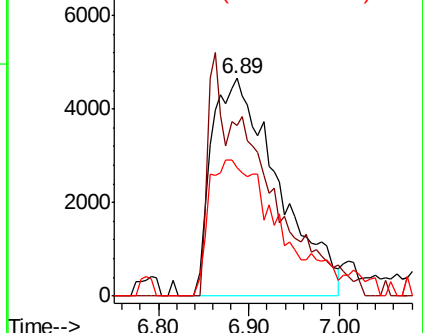
77 58.9 49.9 74.9

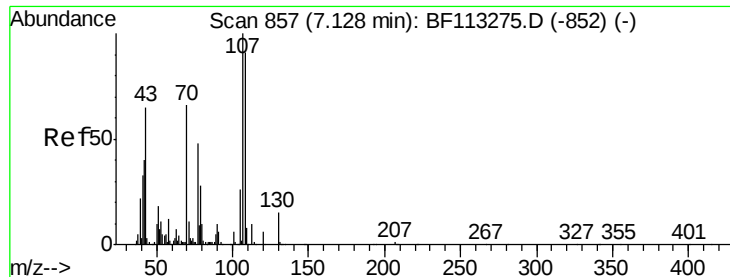


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

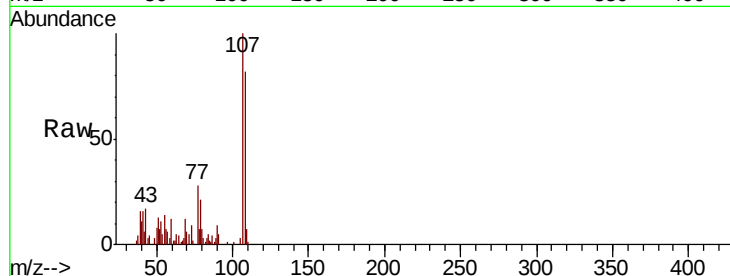




#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

Tgt Ion:	107	Resp:	41285
Ion	Ratio	Lower	Upper
107	100		
108	82.1	71.4	111.4
77	28.0	33.5	73.5#
79	20.7	8.3	48.3



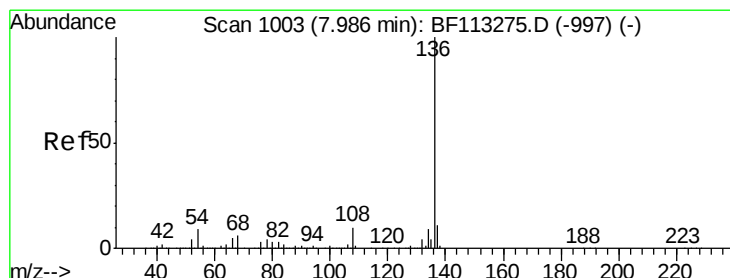
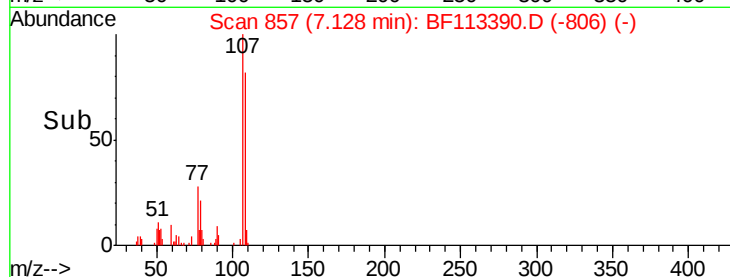
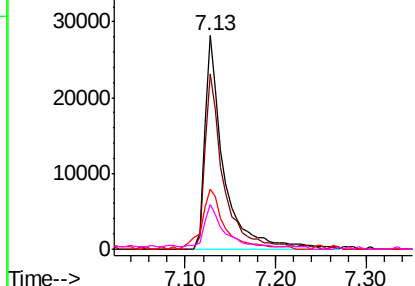
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

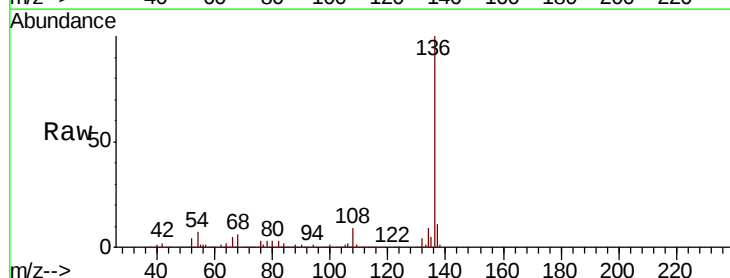
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Tgt Ion:	136	Resp:	652066
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	7.0	10.6
68	5.9	4.8	7.2



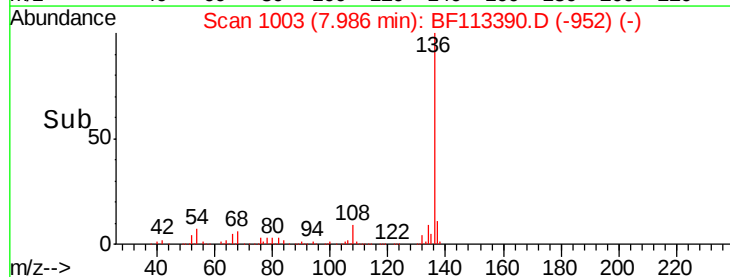
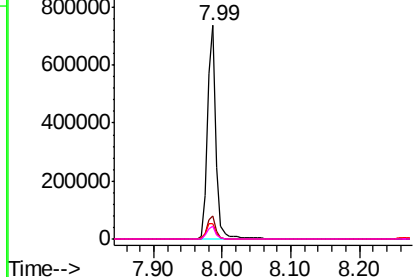
Abundance

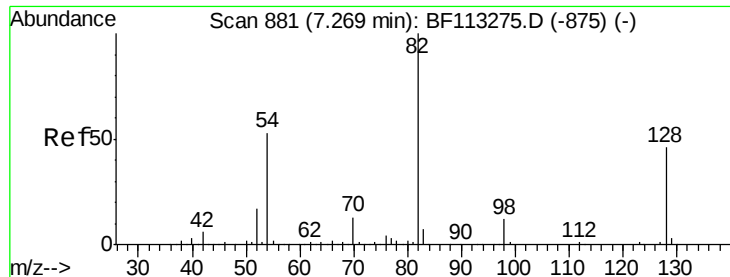
Ion 136.00 (135.70 to 136.70): E

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

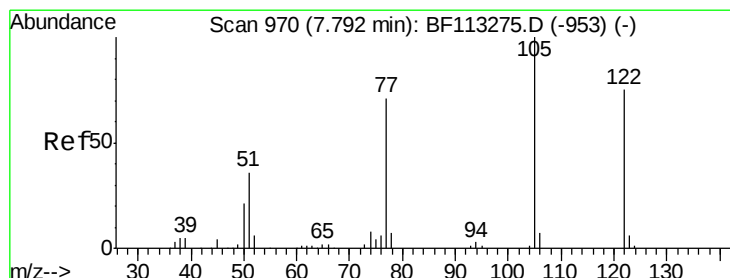
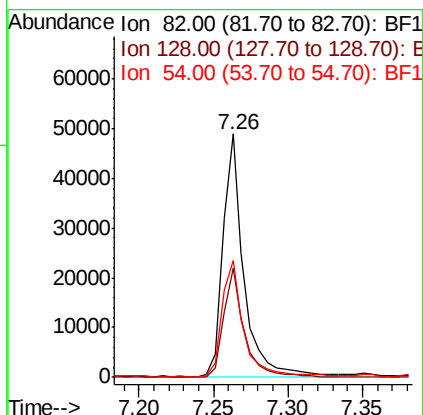
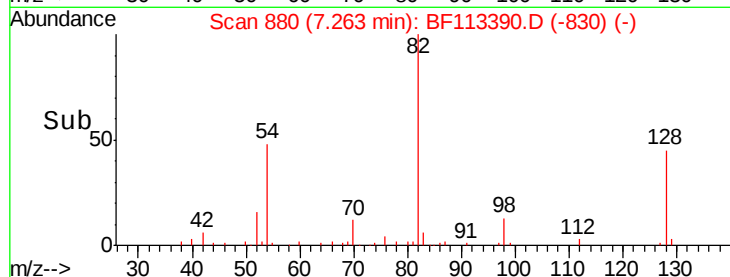
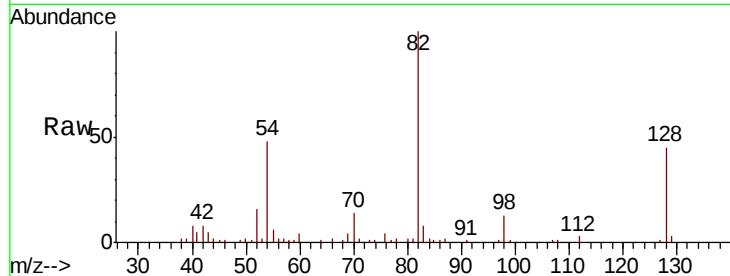




#23
 Nitrobenzene-d5
 Concen: 4.430 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

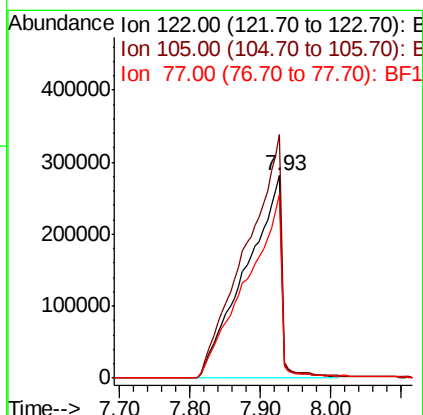
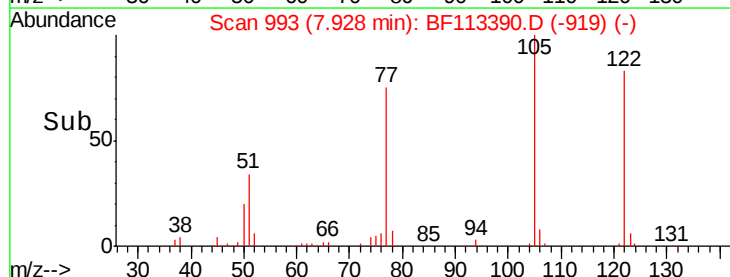
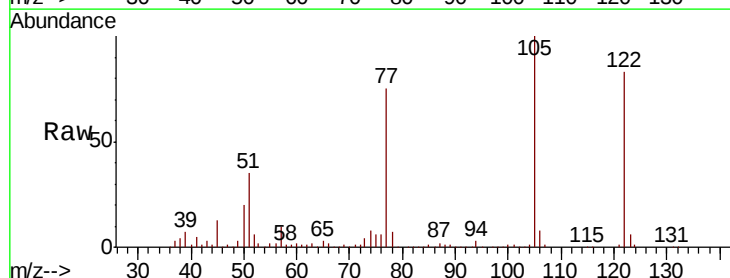
Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

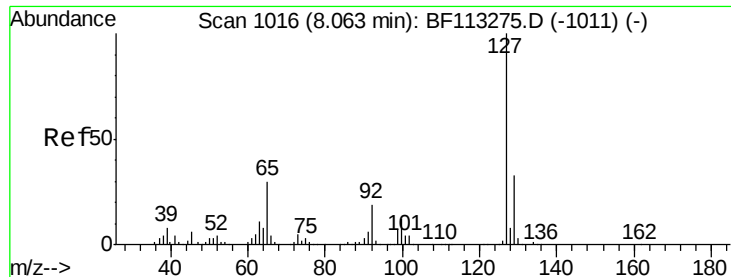
Tgt Ion: 82 Resp: 48665
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 48.1 42.2 63.2



#32
 Benzoic acid
 Concen: 141.661 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.14 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Tgt Ion: 122 Resp: 993976
 Ion Ratio Lower Upper
 122 100
 105 120.3 100.4 140.4
 77 90.5 69.0 109.0

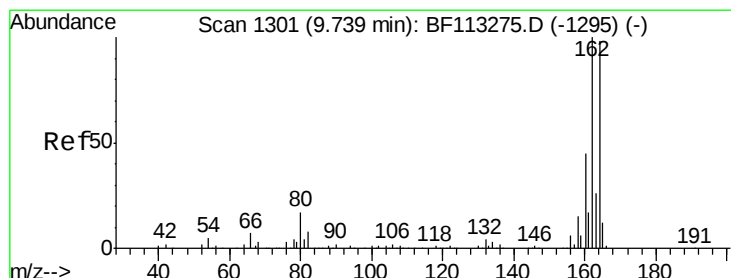
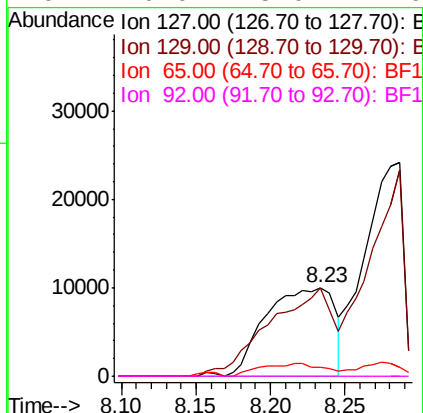
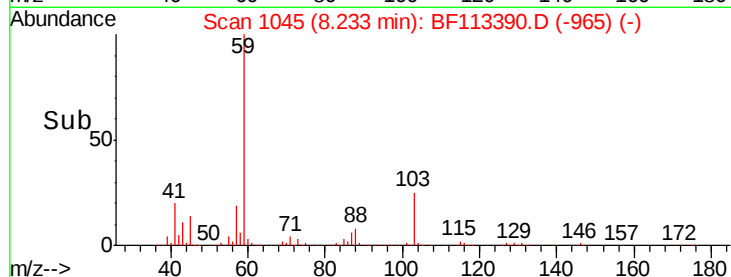
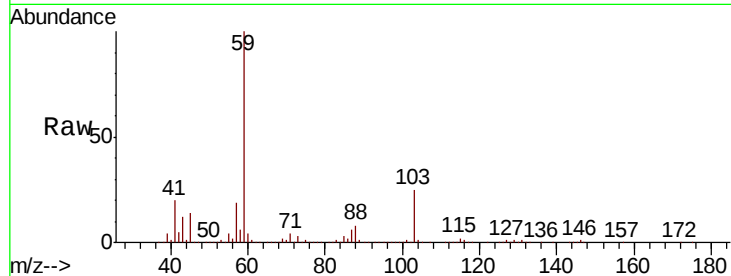




#33
4-Chloroaniline
Concen: 2.592 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.17 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

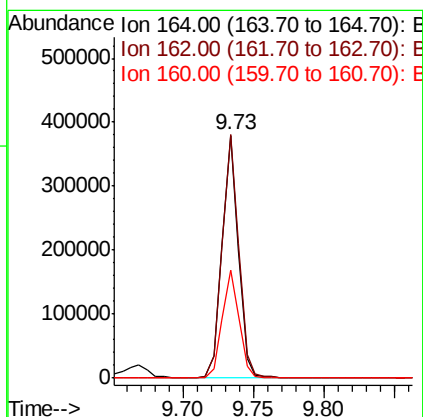
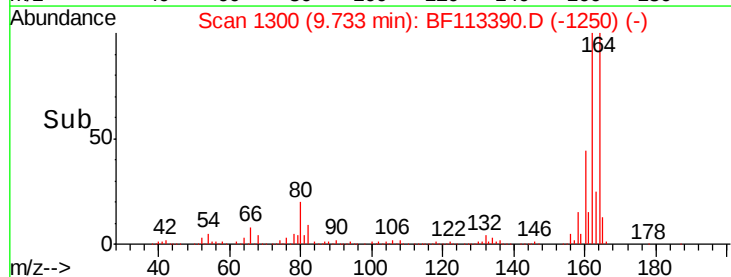
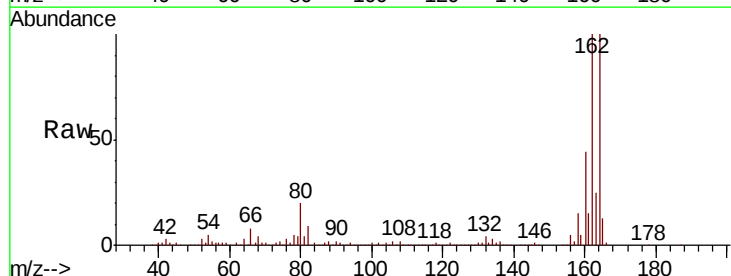
Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

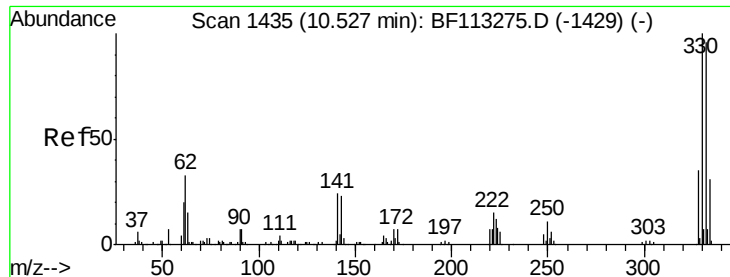
Tgt Ion:	127	Resp:	32208
Ion	Ratio	Lower	Upper
127	100		
129	99.6	26.3	39.5#
65	10.7	24.2	36.4#
92	0.0	15.0	22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Tgt Ion:	164	Resp:	305204
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.6
160	44.5	36.4	54.6

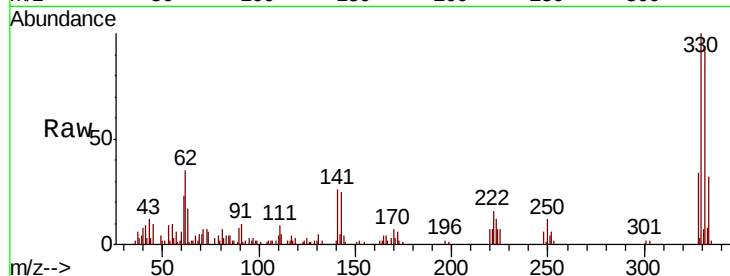




#42
 2,4,6-Tribromophenol
 Concen: 6.383 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.8	116.6
141	30.1	22.7	34.1

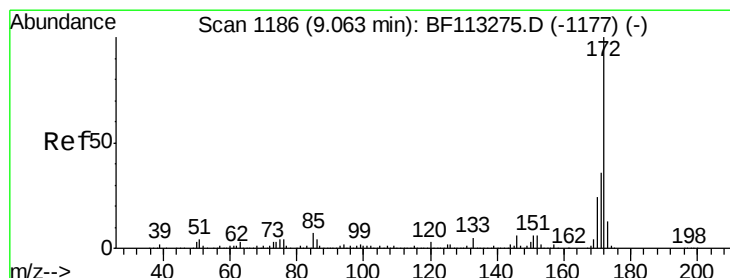
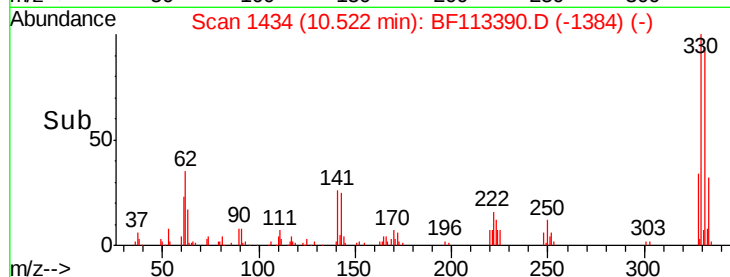
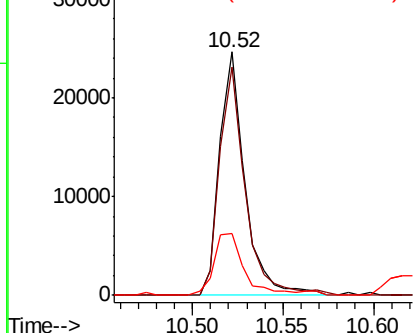


Abundance

Ion 329.80 (329.50 to 330.50): E

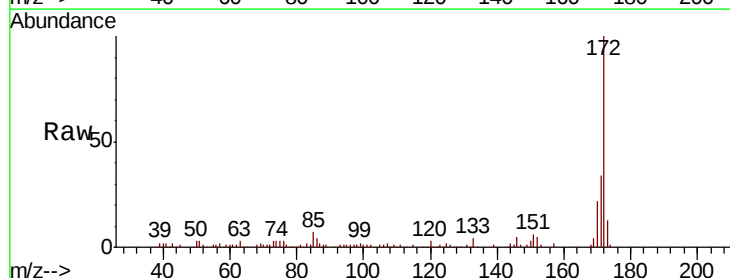
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: -15.198 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.6
170	22.0	19.5	29.3

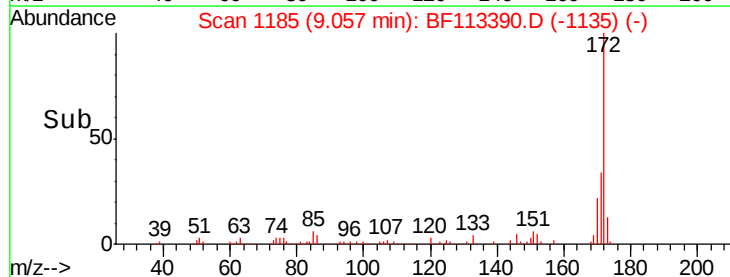
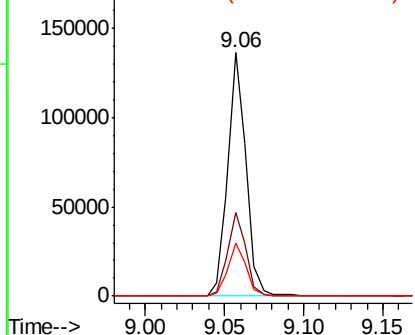


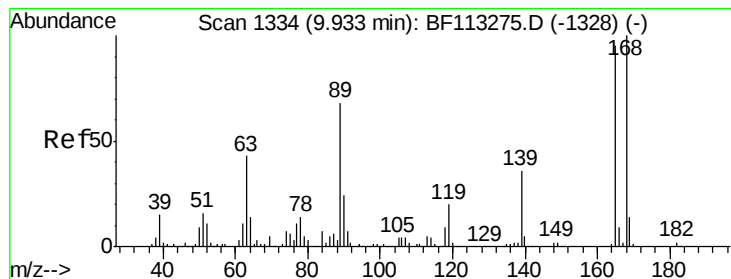
Abundance

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





#57

2,4-Dinitrotoluene

Concen: 6.059 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

Instrument :

BNA_F

ClientSampleId :

30099-30100-OW-6

Tgt Ion:165 Resp: 39317

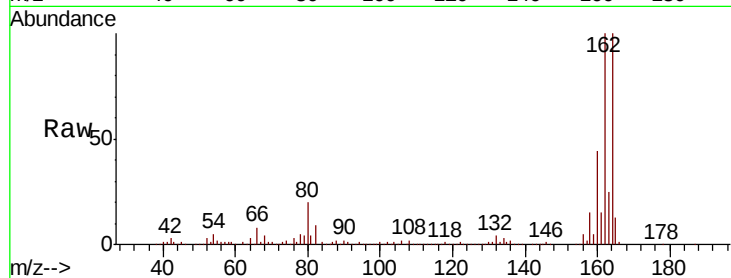
Ion Ratio Lower Upper

165 100

63 1.5 37.5 56.3#

89 1.9 57.4 86.2#

182 0.0 2.0 3.0#

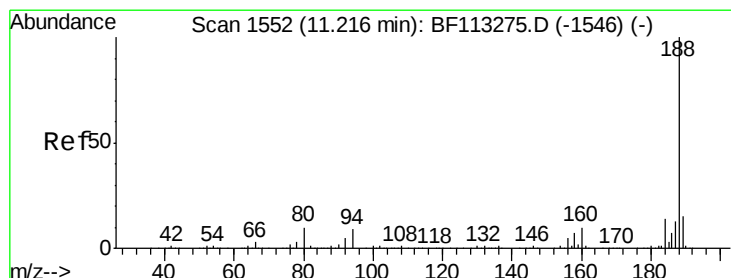
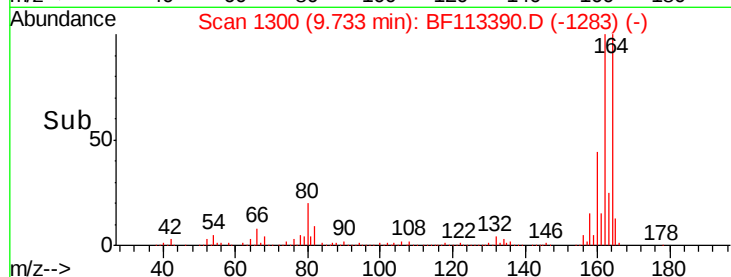
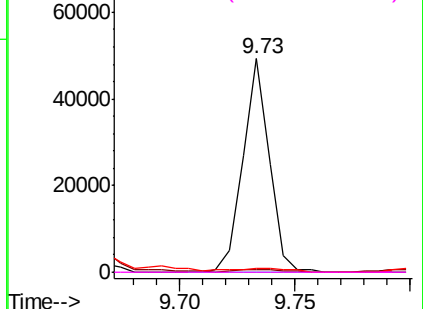


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

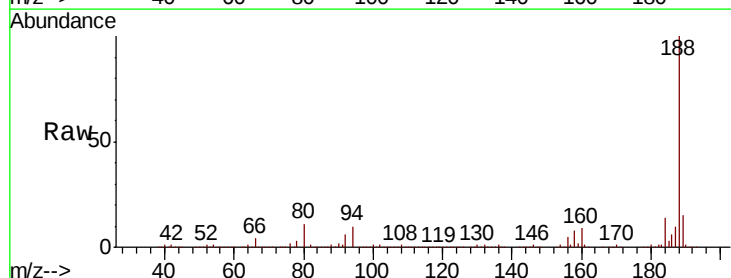
Tgt Ion:188 Resp: 542711

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

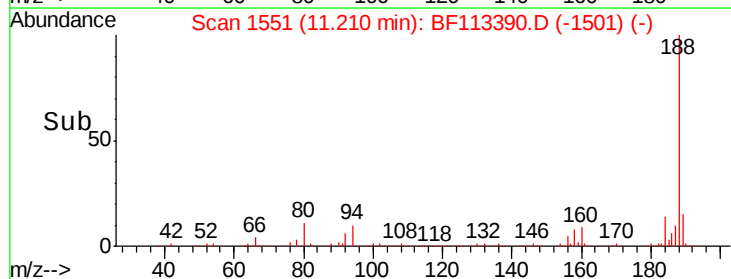
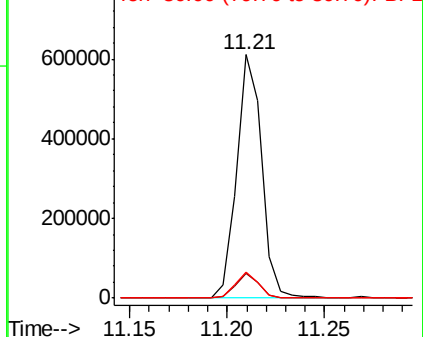
80 10.7 7.7 11.5

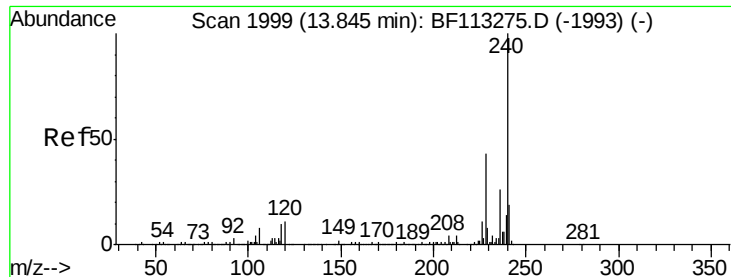


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

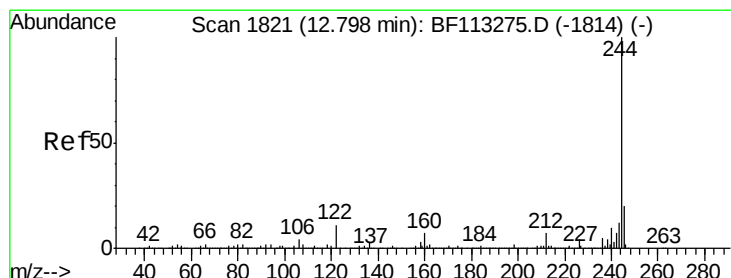
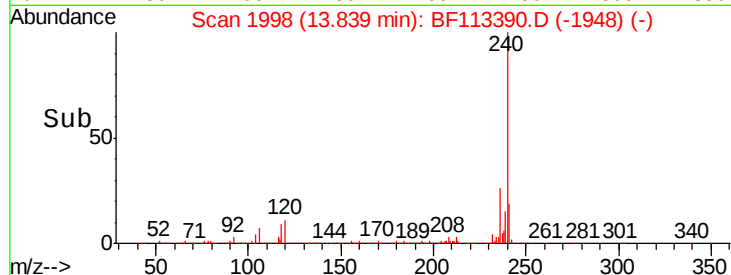
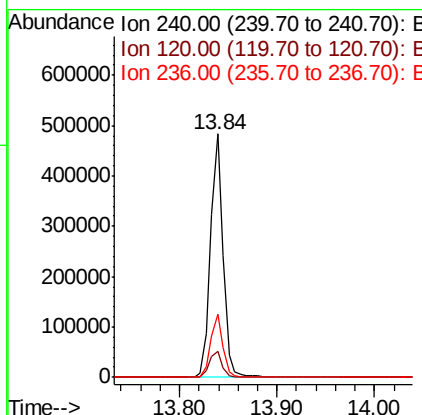
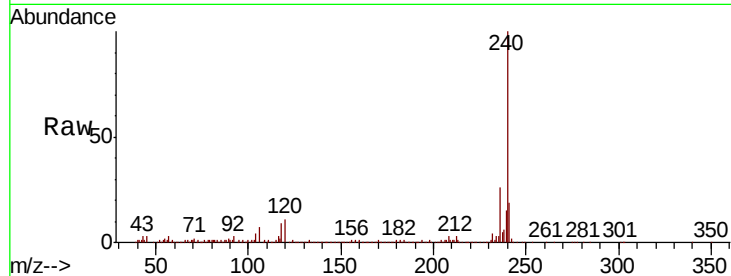




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

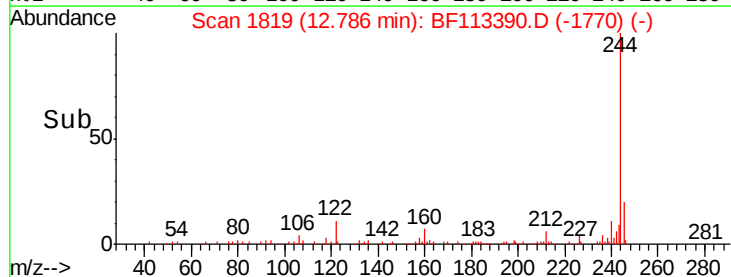
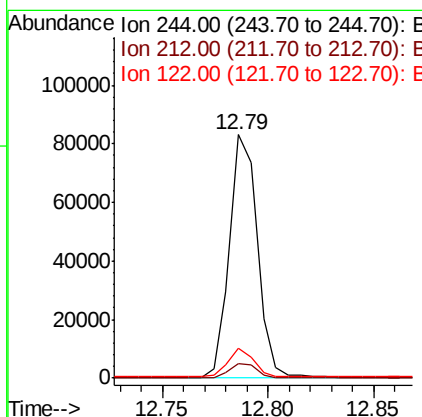
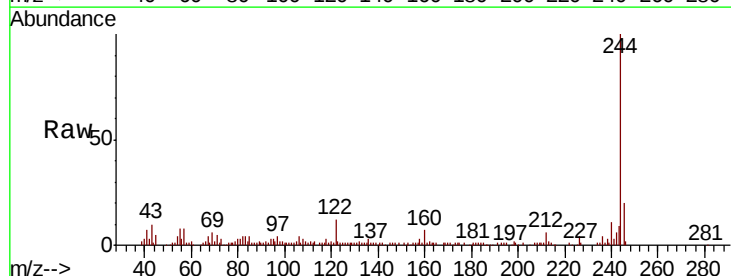
Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

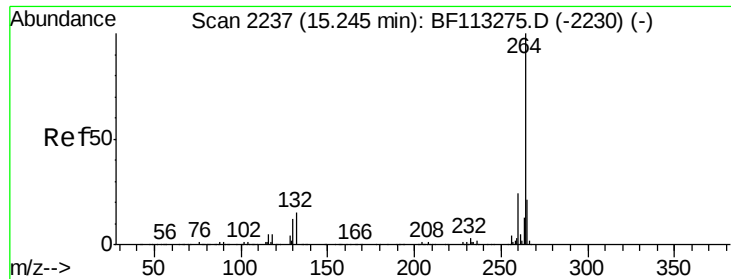
Tgt Ion:240 Resp: 432425
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 3.887 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Tgt Ion:244 Resp: 76264
Ion Ratio Lower Upper
244 100
212 6.0 5.5 8.3
122 12.1 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: BF113390.D
Acq: 28 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.5	17.1	25.7

