

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112885.D
 Acq On : 6 Mar 2019 16:47
 Operator : JU/SJ
 Sample : K1733-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ADELINE-ST-CONCRETE

Quant Time: Mar 07 04:18:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

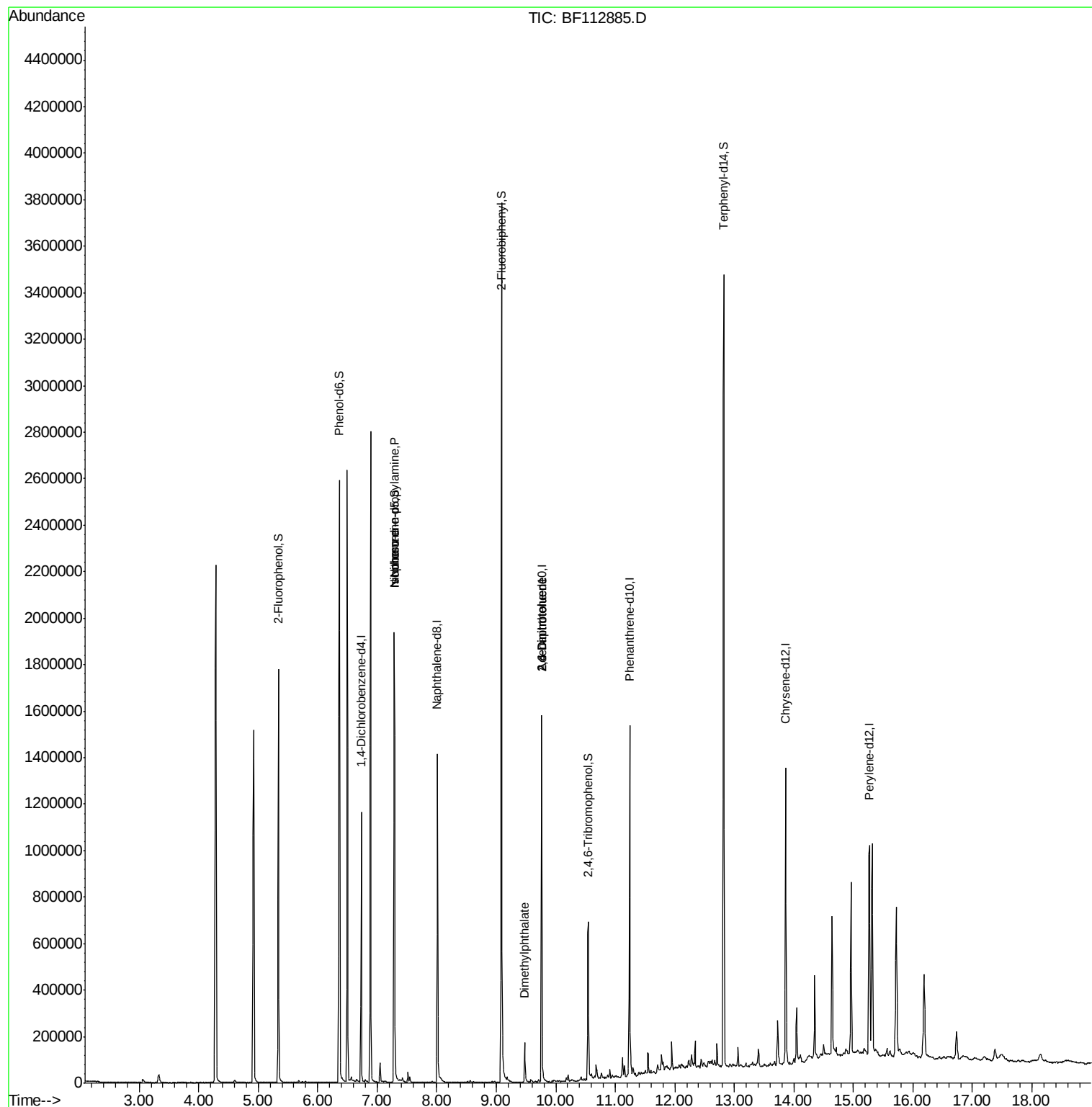
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178805	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	686017	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	324803	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	615190	20.00	ng	0.00
76) Chrysene-d12	13.86	240	448536	20.00	ng	-0.01
87) Perylene-d12	15.27	264	459888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	499389	43.45	ng	0.00
7) Phenol-d6	6.36	99	914287	63.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	654246	57.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	100627	29.18	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1276341	60.30	ng	-0.01
79) Terphenyl-d14	12.82	244	1170227	50.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	86534	9.463	ng	# 75
25) Isophorone	7.29	82	647534	26.217	ng	# 66
50) Dimethylphthalate	9.48	163	75266	3.143	ng	99
51) 2,6-Dinitrotoluene	9.76	165	41116	8.244	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	41117	6.633	ng	# 18

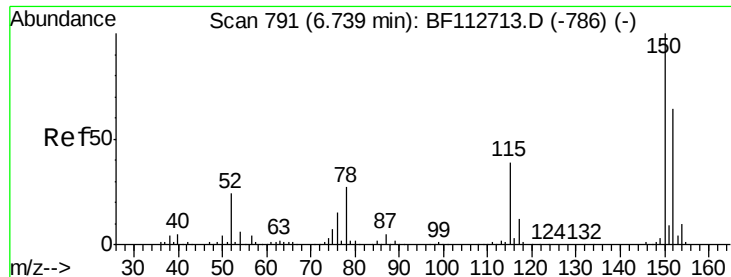
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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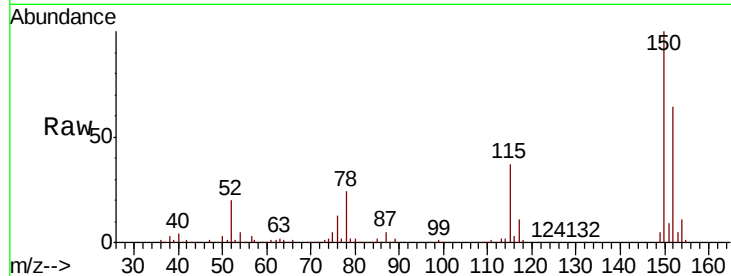




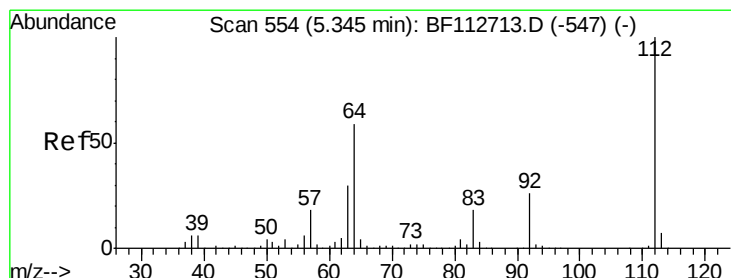
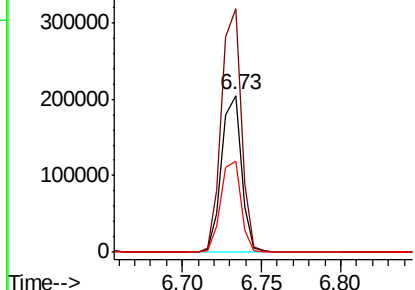
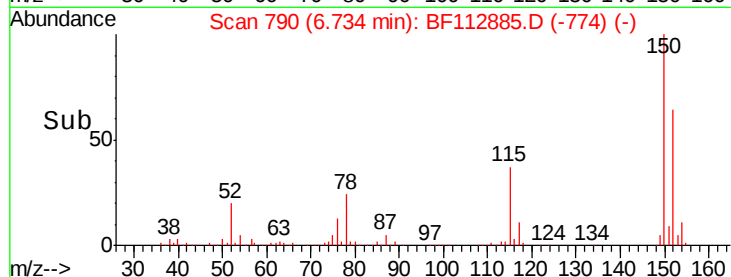
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF112885.D
 Acq: 6 Mar 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 ADELINE-ST-CONCRETE

Tgt Ion:152 Resp: 178805
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.2
 115 57.8 48.2 72.4

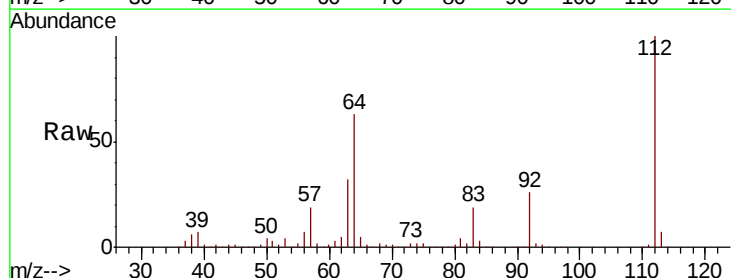


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

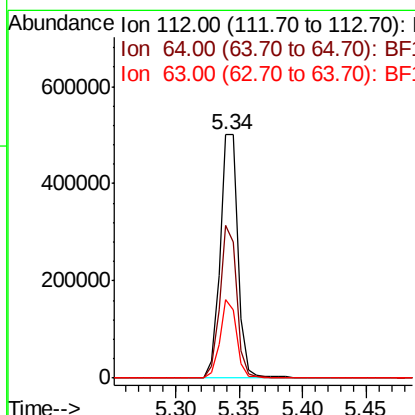
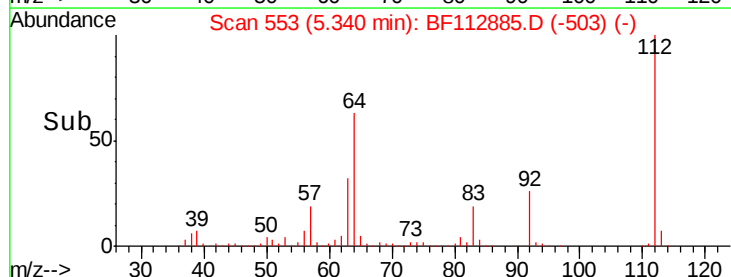


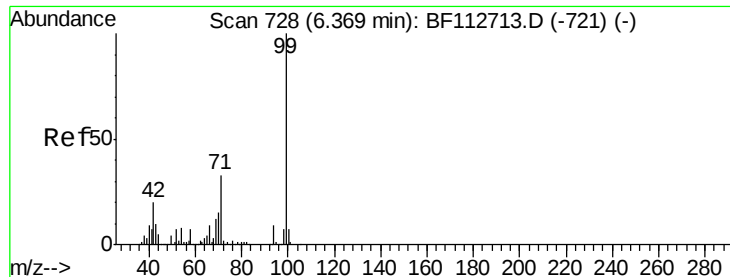
#5
 2-Fluorophenol
 Concen: 43.445 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112885.D
 Acq: 6 Mar 2019 16:47

Tgt Ion:112 Resp: 499389
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.6 71.4
 63 32.2 24.4 36.6



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: 63.320 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112885.D

Acq: 6 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

ADELINE-ST-CONCRETE

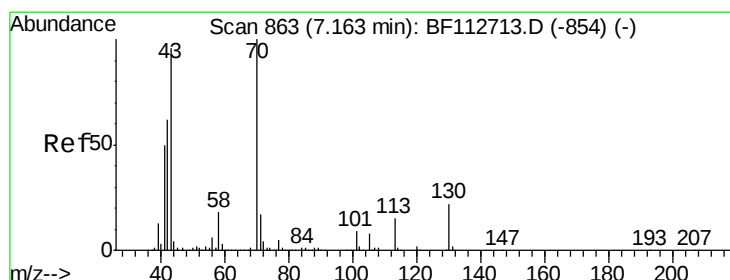
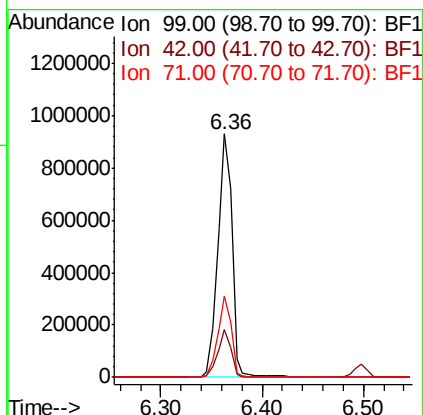
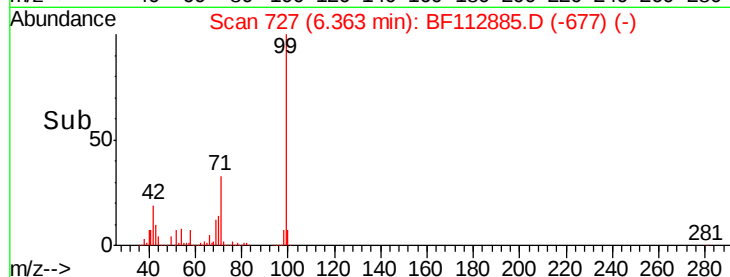
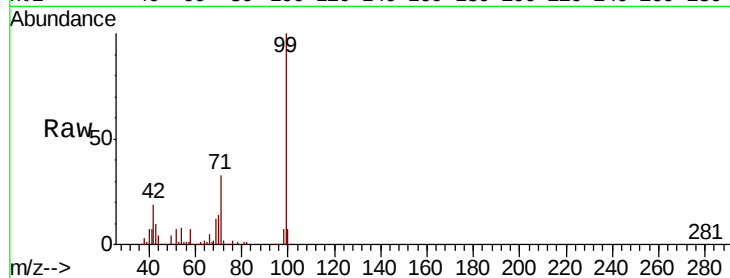
Tgt Ion: 99 Resp: 914287

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

71 33.3 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.463 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112885.D

Acq: 6 Mar 2019 16:47

Tgt Ion: 70 Resp: 86534

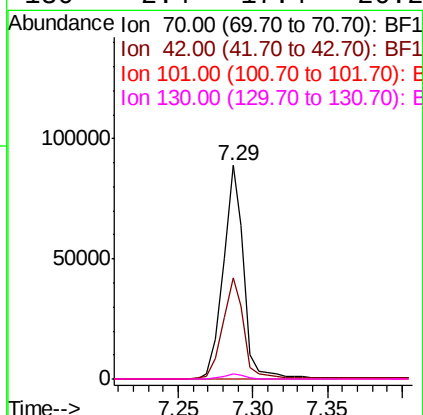
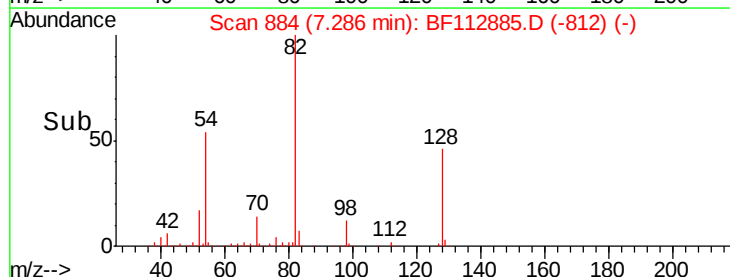
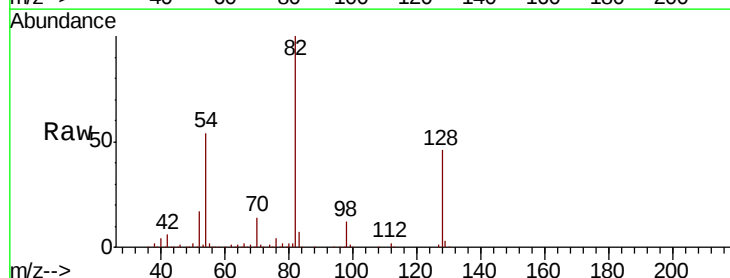
Ion Ratio Lower Upper

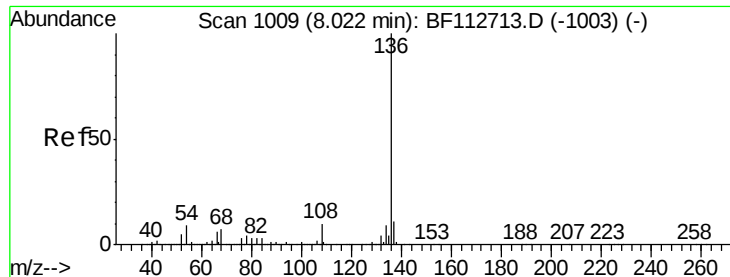
70 100

42 47.6 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

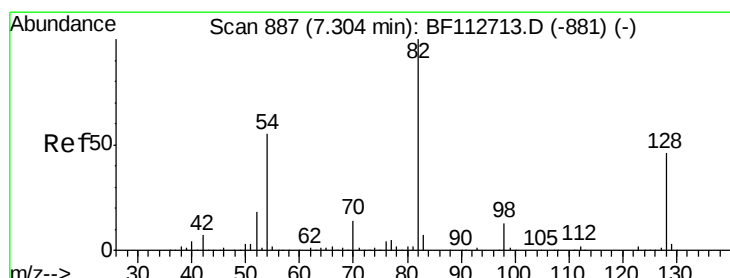
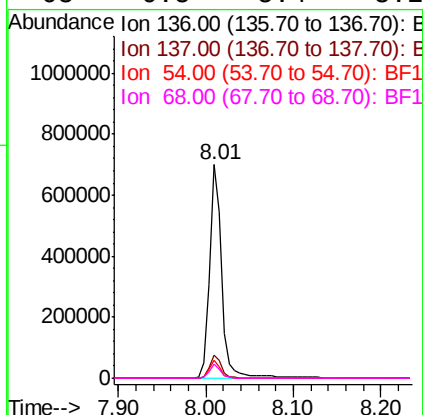
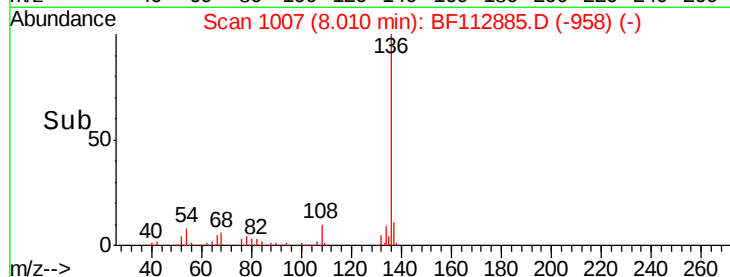
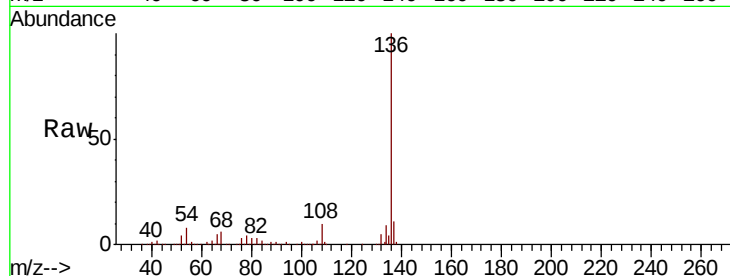




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

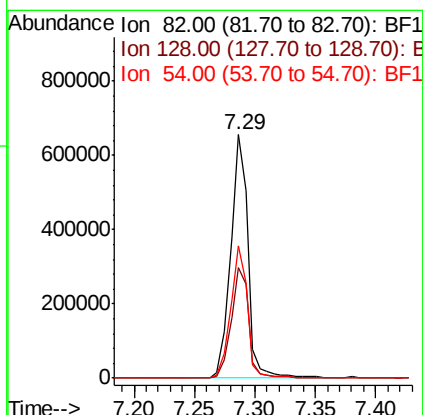
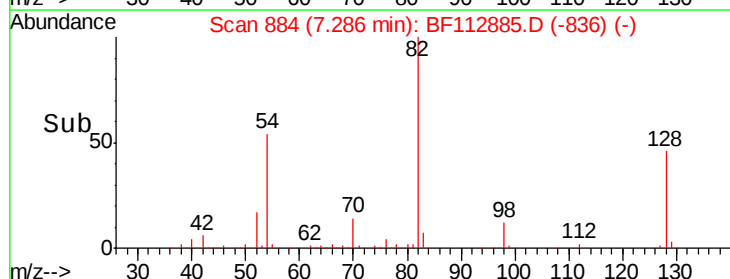
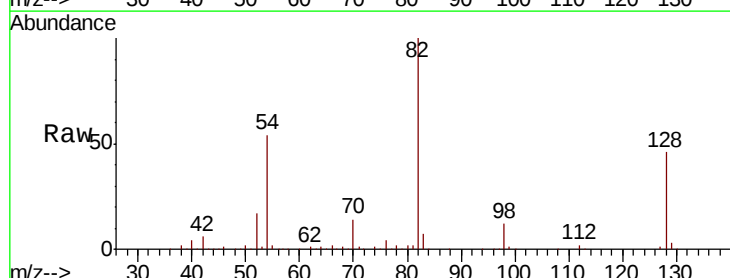
Instrument :
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ADELINE-ST-CONCRETE

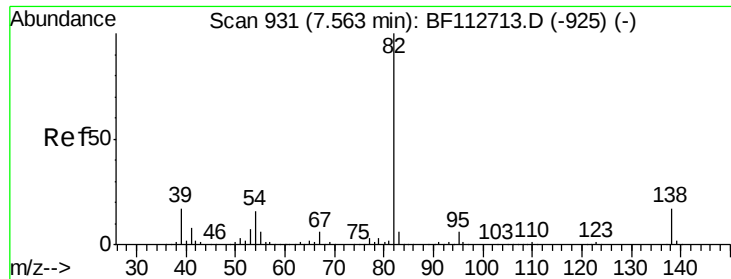
Tgt Ion:	136	Resp:	686017
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.5	7.3	10.9
68	6.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 57.067 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

Tgt Ion:	82	Resp:	654246
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.3	54.5
54	54.1	43.7	65.5





#25

Isophorone

Concen: 26.217 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112885.D

Acq: 6 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

ADELINE-ST-CONCRETE

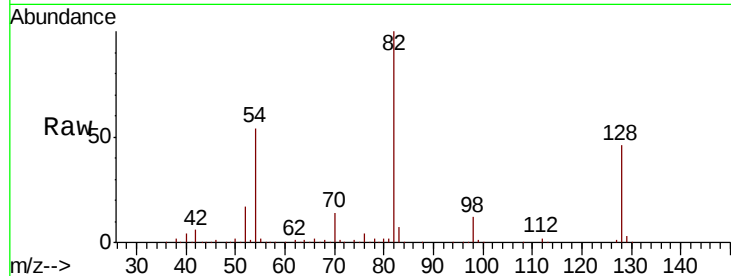
Tgt Ion: 82 Resp: 647534

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

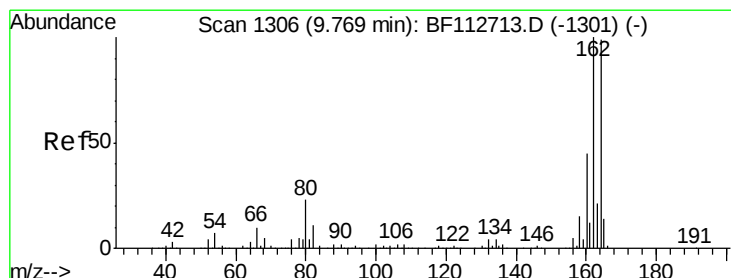
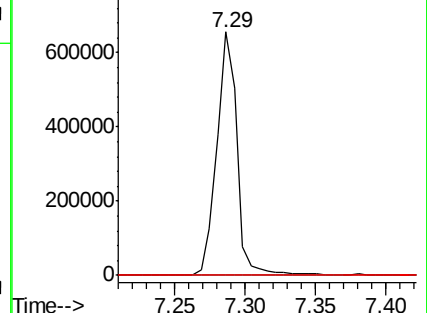
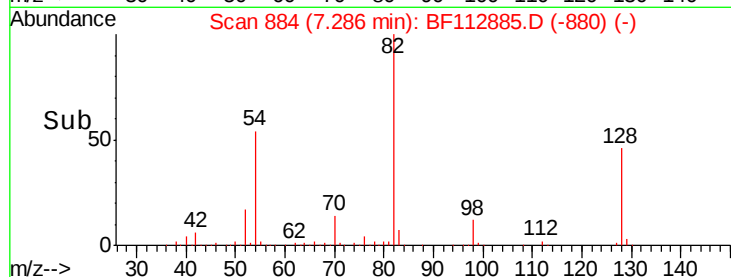
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112885.D

Acq: 6 Mar 2019 16:47

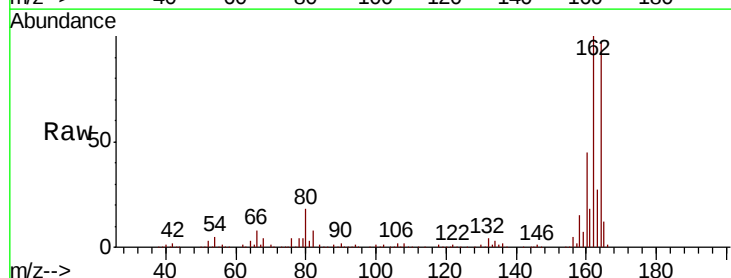
Tgt Ion: 164 Resp: 324803

Ion Ratio Lower Upper

164 100

162 103.3 80.6 120.8

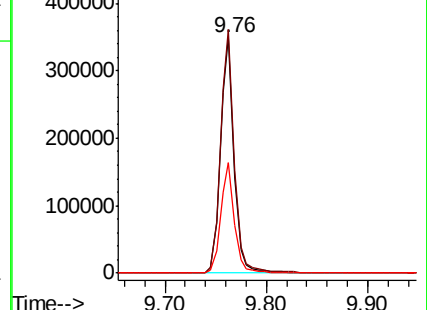
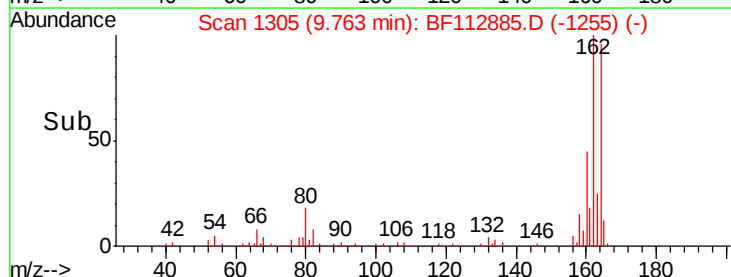
160 46.7 36.0 54.0

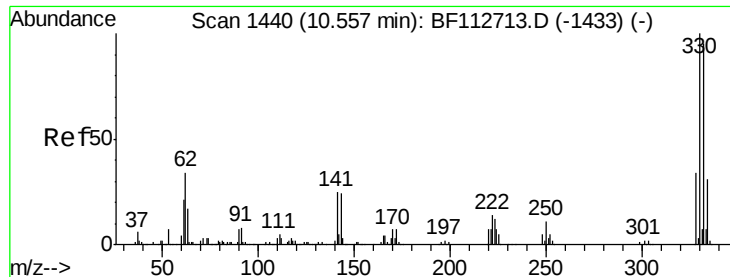


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

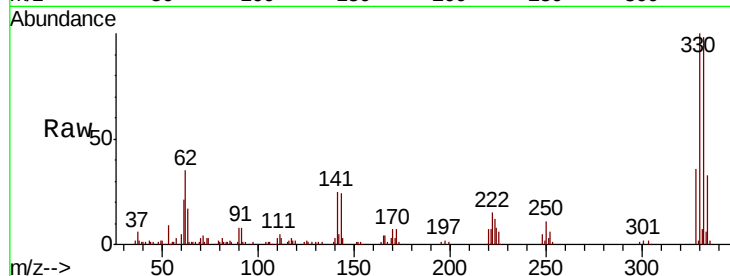




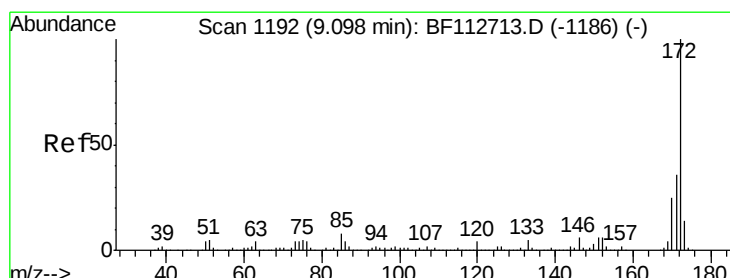
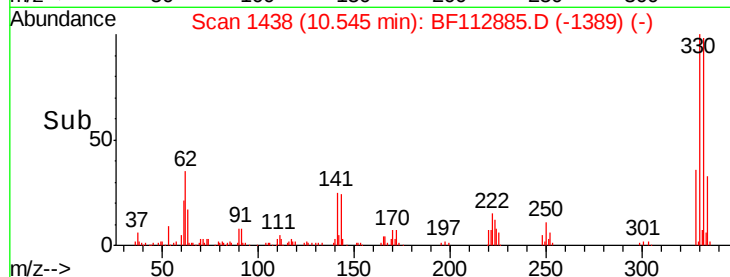
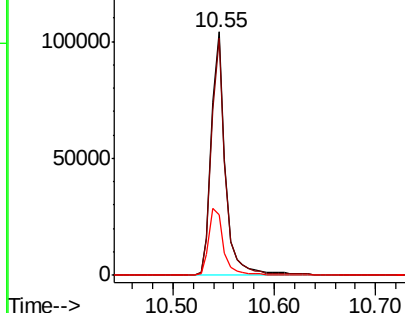
#42
 2,4,6-Tribromophenol
 Concen: 29.183 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112885.D
 Acq: 6 Mar 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 ADELINE-ST-CONCRETE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	29.3	27.0	40.6

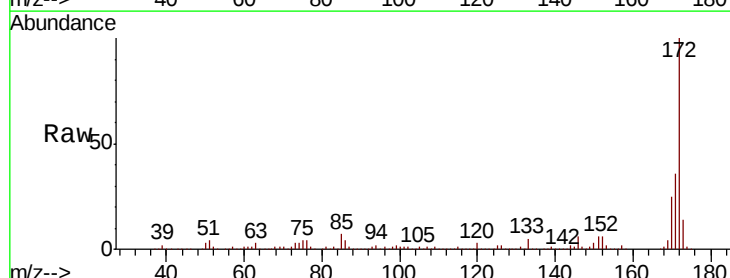


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

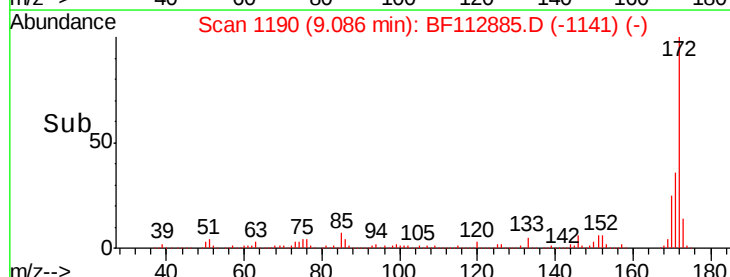
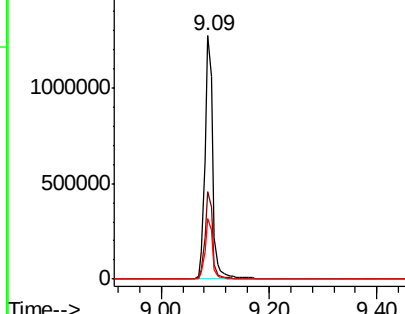


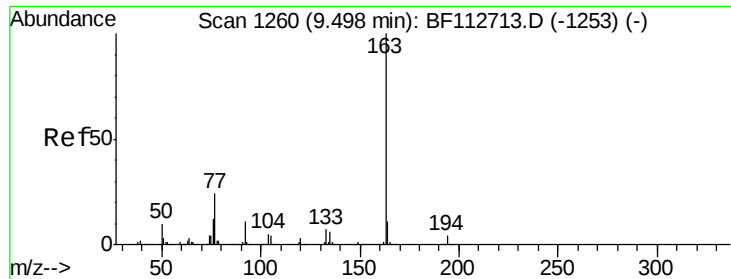
#45
 2-Fluorobiphenyl
 Concen: 60.302 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112885.D
 Acq: 6 Mar 2019 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.7	20.0	30.0



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

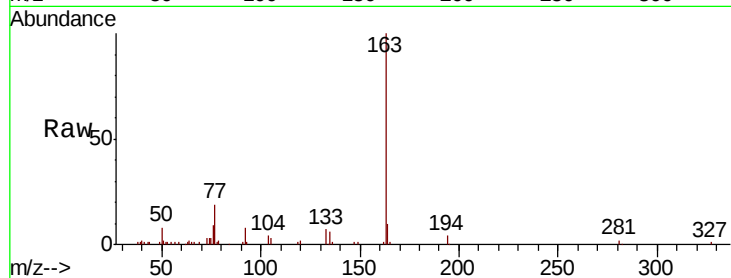




#50
Dimethylphthalate
Concen: 3.143 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
ADELINE-ST-CONCRETE

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.0	8.4	12.6

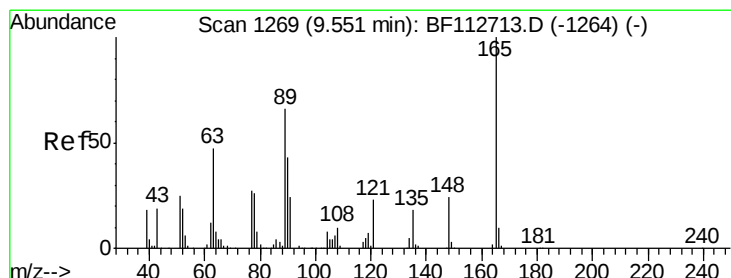
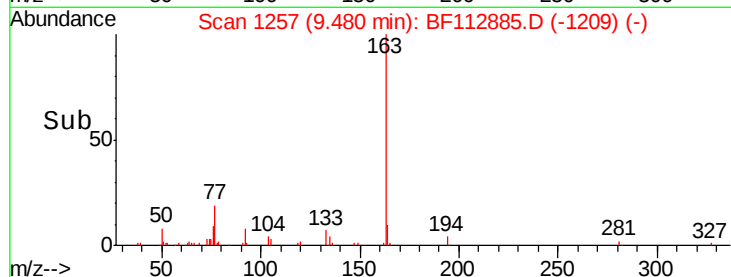
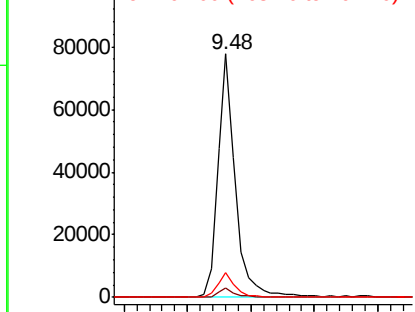


Abundance

Ion 163.00 (162.70 to 163.70): E

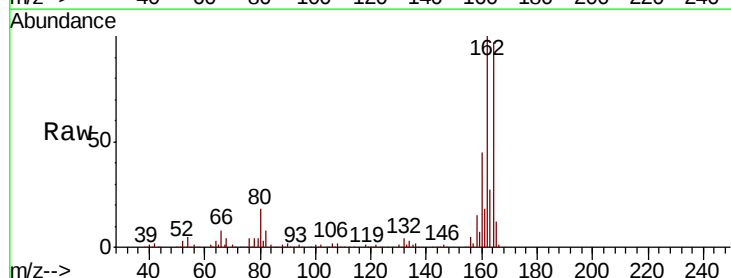
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 8.244 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.4	52.8	79.2#

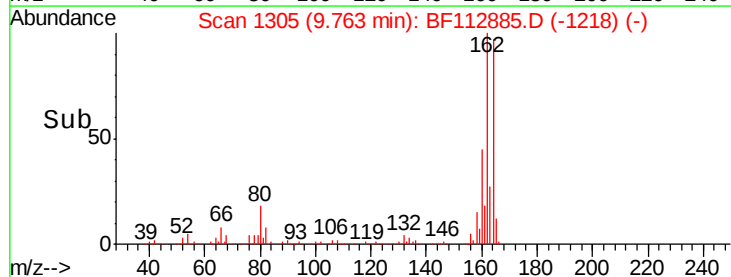
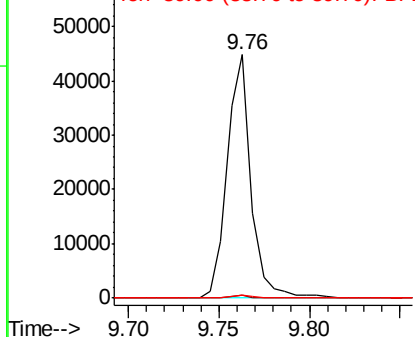


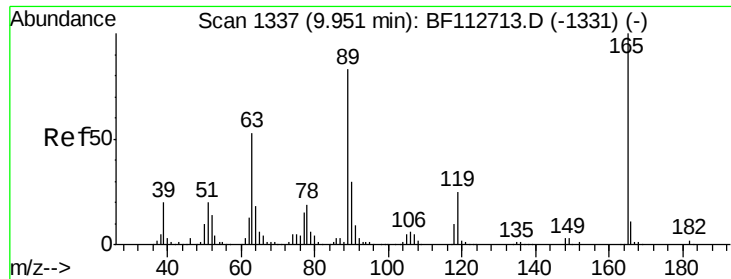
Abundance

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

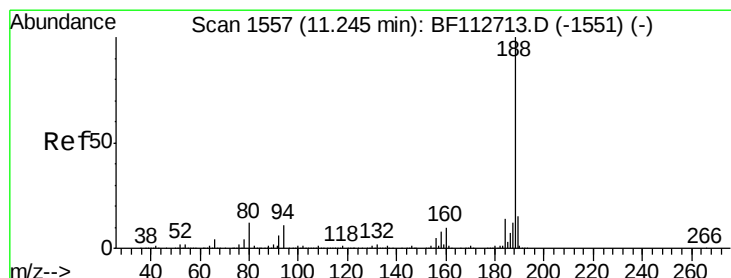
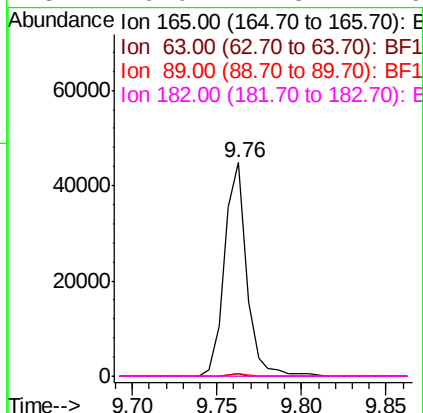
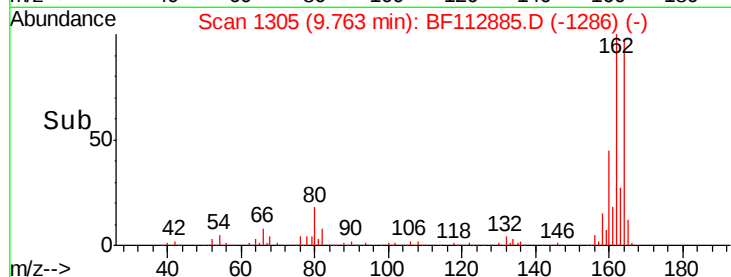
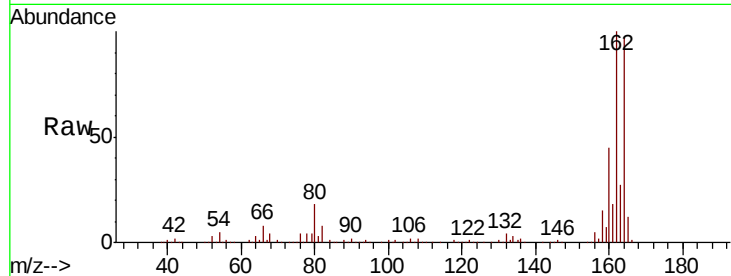




#57
2,4-Dinitrotoluene
Concen: 6.633 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

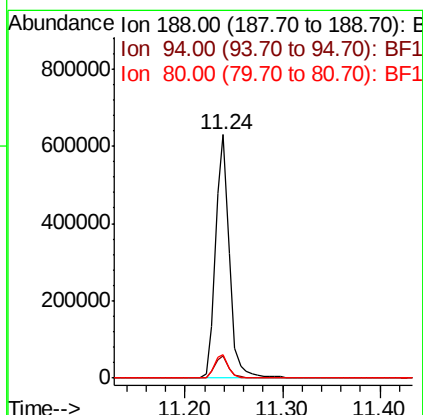
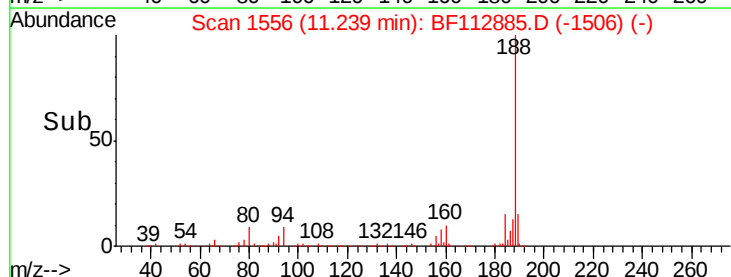
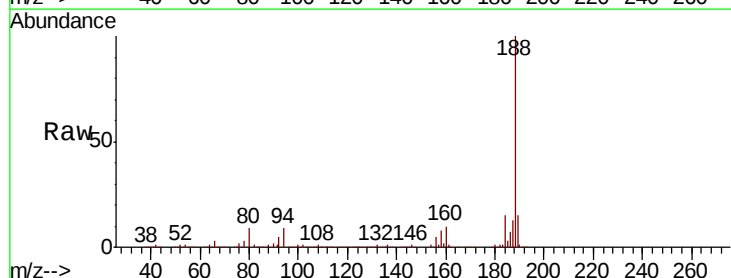
Instrument :
BNA_F
ClientSampleId :
ADELINE-ST-CONCRETE

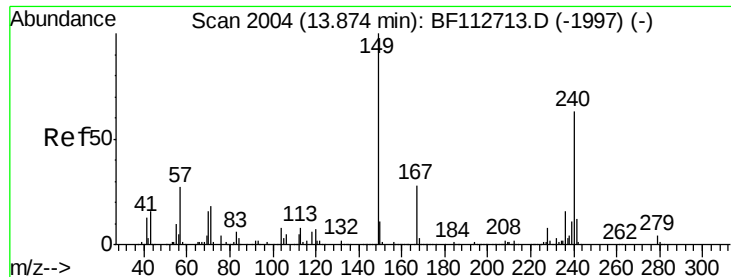
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.5	9.2	13.8

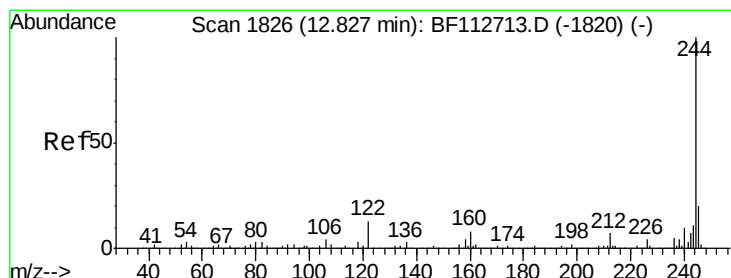
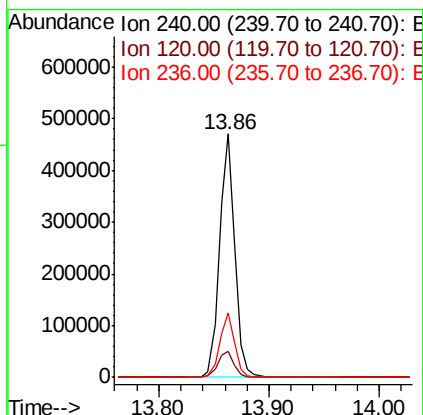
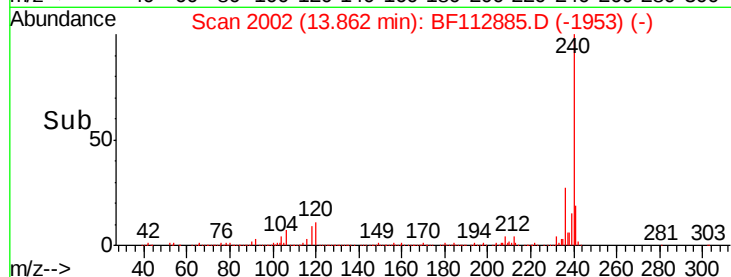
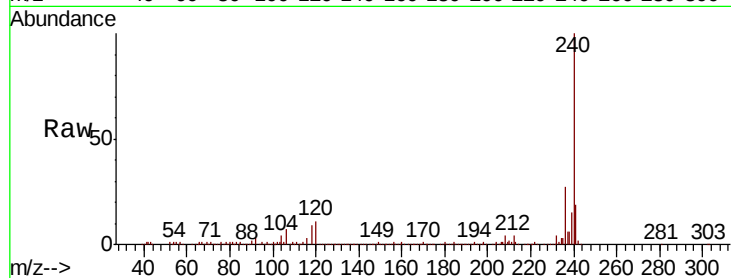




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

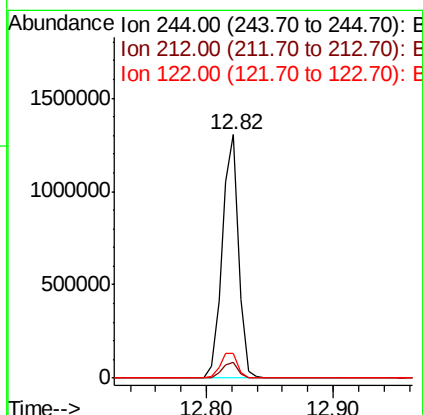
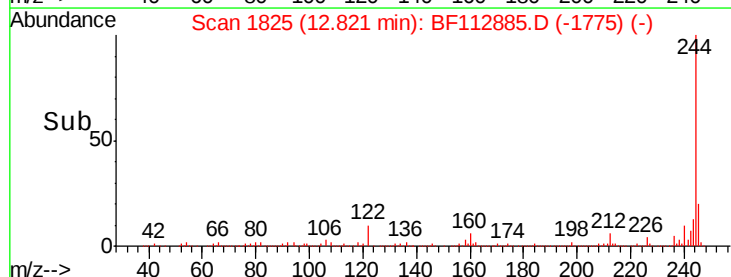
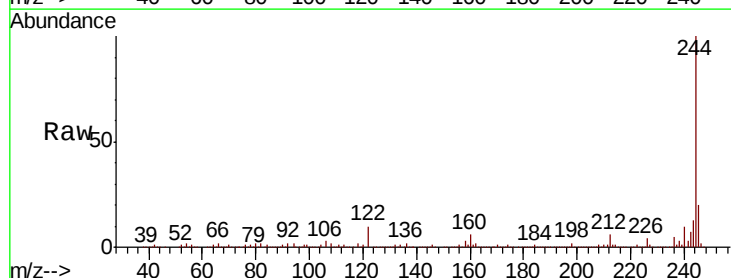
Instrument :
BNA_F
ClientSampleId :
ADELINE-ST-CONCRETE

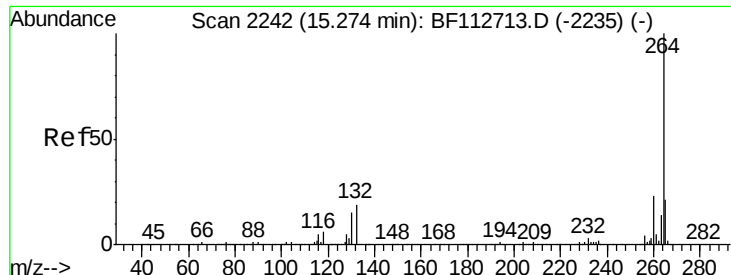
Tgt Ion:240 Resp: 448536
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 50.575 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

Tgt Ion:244 Resp: 1170227
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.2 10.5 15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112885.D
Acq: 6 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
ADELINE-ST-CONCRETE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.0	17.2	25.8

