

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112861.D
 Acq On : 5 Mar 2019 19:22
 Operator : JU/SJ
 Sample : K1715-07 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-D

Quant Time: Mar 06 01:45:09 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

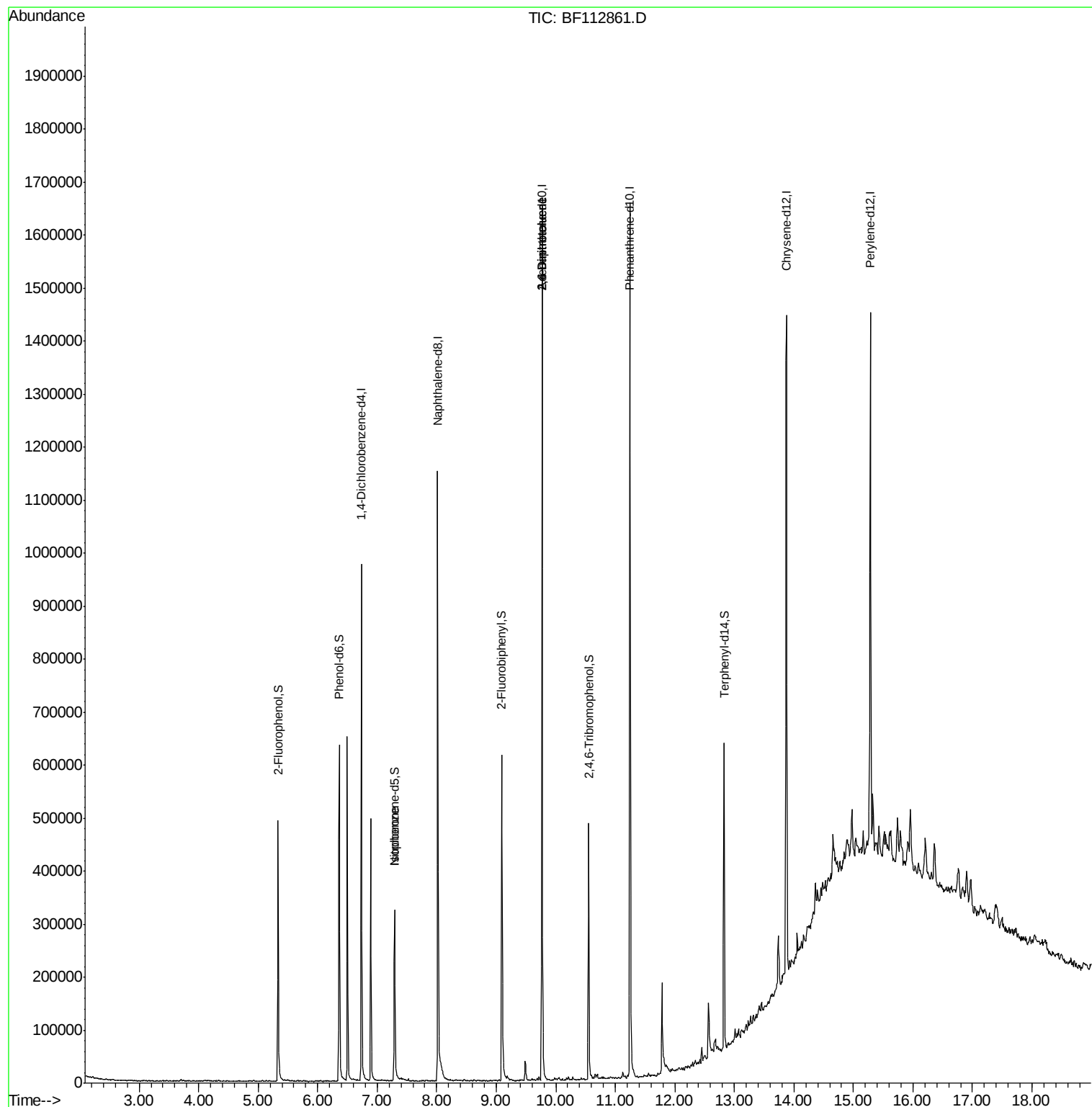
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160029	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	668072	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	337410	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	658034	20.00	ng	0.00
76) Chrysene-d12	13.87	240	465377	20.00	ng	0.00
87) Perylene-d12	15.29	264	469574	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	155132	15.08	ng	-0.01
7) Phenol-d6	6.36	99	225102	17.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	120578	10.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	67409	18.82	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	237030	8.15	ng	0.00
79) Terphenyl-d14	12.83	244	220948	9.20	ng	0.00
Target Compounds						
25) Isophorone	7.29	82	120576	5.013	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	42215	8.148	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	42216	6.555	ng	# 18

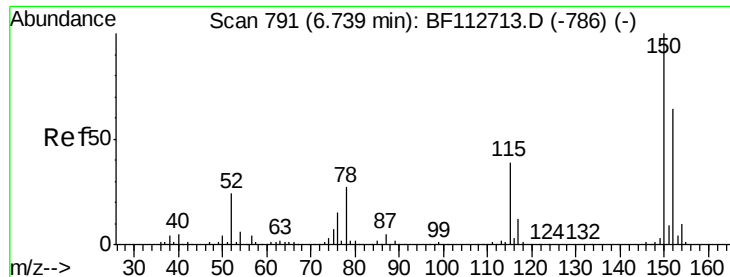
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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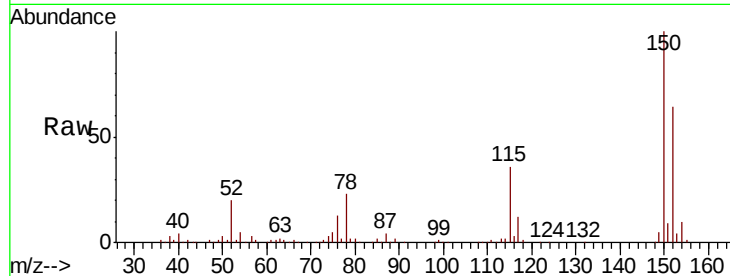


#1

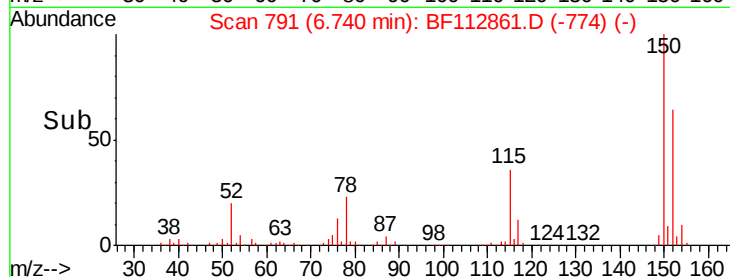
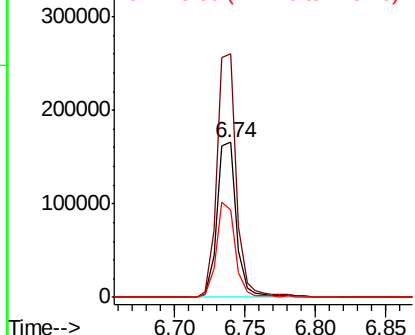
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Instrument :
BNA_F
ClientSampleId :
TP-4-B-D

Tgt Ion:152 Resp: 160029
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.2
115 56.7 48.2 72.4



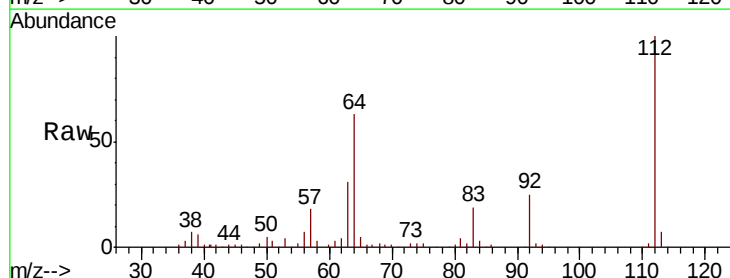
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



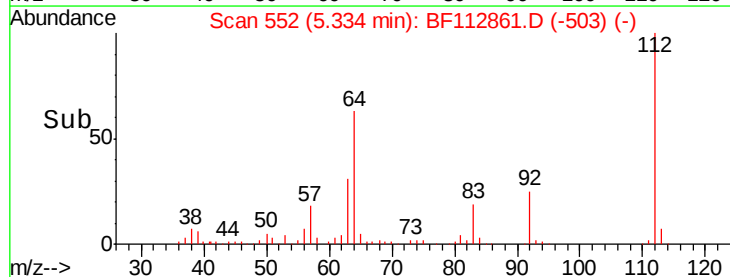
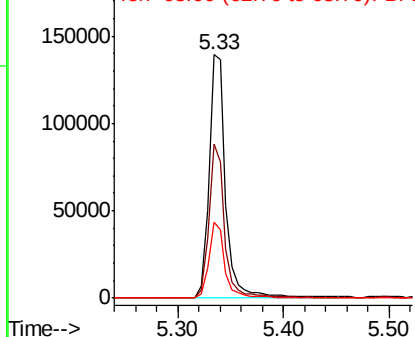
#5

2-Fluorophenol
Concen: 15.079 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Tgt Ion:112 Resp: 155132
Ion Ratio Lower Upper
112 100
64 63.2 47.6 71.4
63 31.3 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: 17.419 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

Instrument :

BNA_F

ClientSampleId :

TP-4-B-D

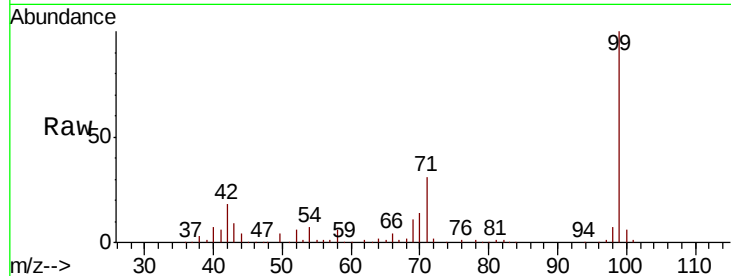
Tgt Ion: 99 Resp: 225102

Ion Ratio Lower Upper

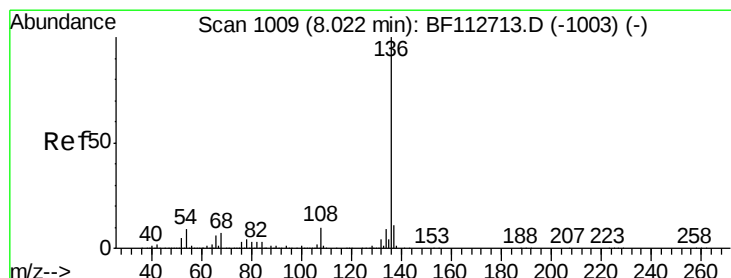
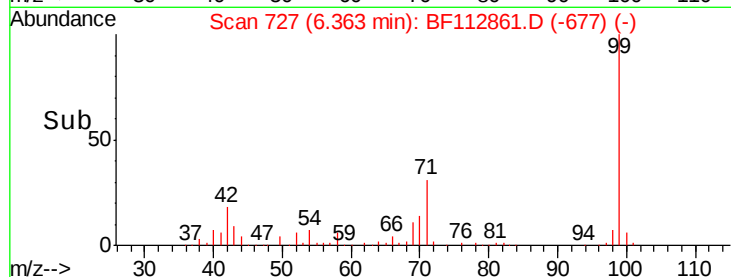
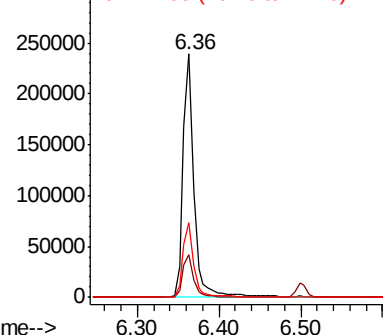
99 100

42 17.6 16.3 24.5

71 30.7 26.2 39.4



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112861.D

Acq: 5 Mar 2019 19:22

Tgt Ion: 136 Resp: 668072

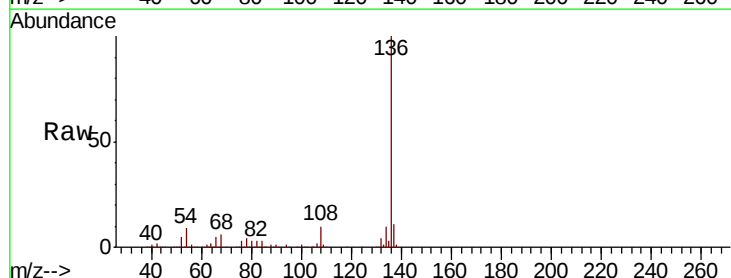
Ion Ratio Lower Upper

136 100

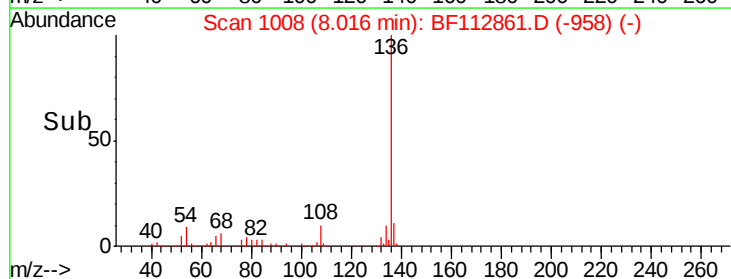
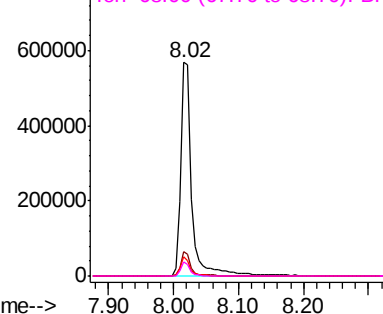
137 11.3 8.9 13.3

54 8.8 7.3 10.9

68 6.5 5.4 8.2



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

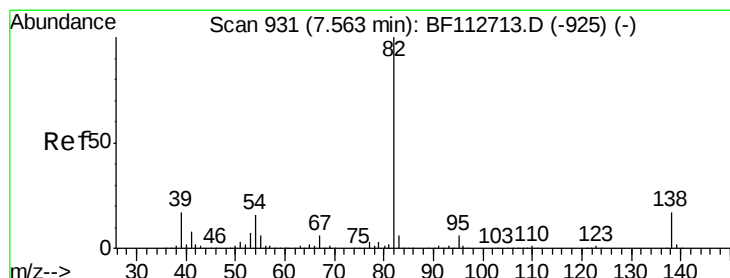
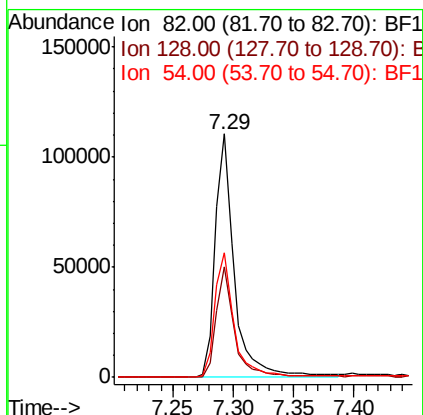
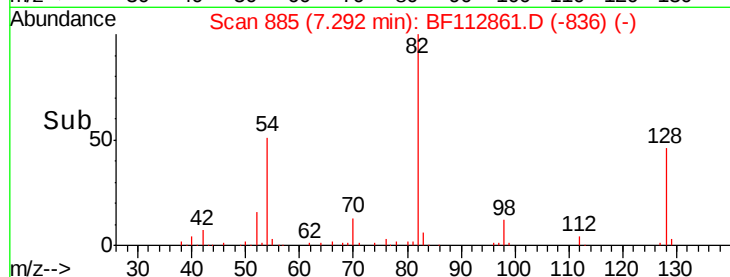
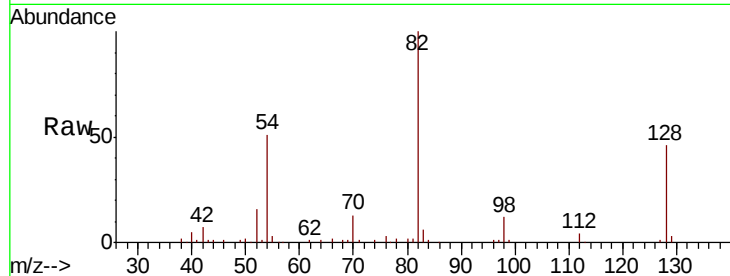




#23
Nitrobenzene-d5
Concen: 10.800 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

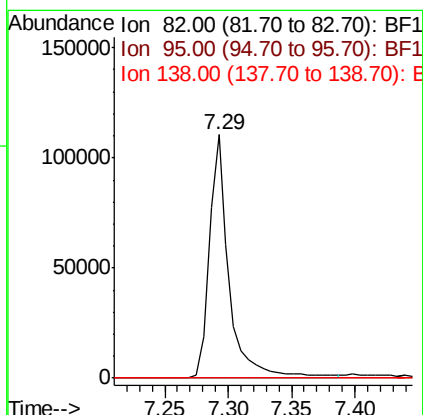
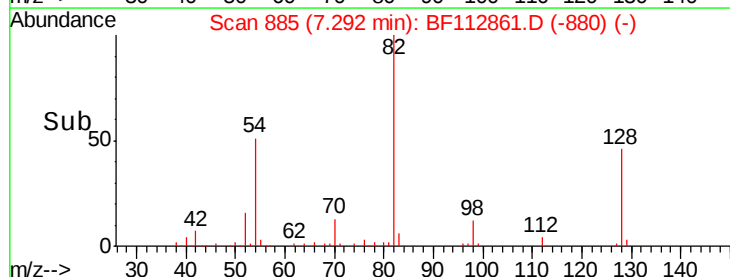
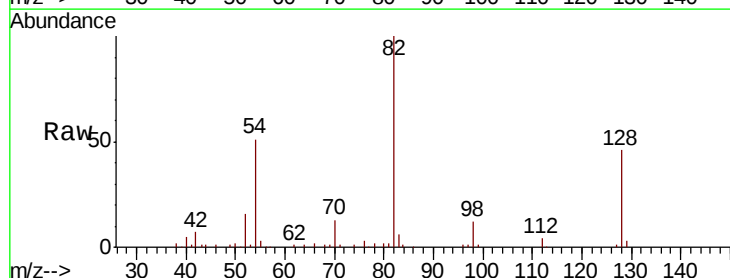
Instrument :
BNA_F
ClientSampled :
TP-4-B-D

Tgt Ion: 82 Resp: 120578
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 51.3 43.7 65.5



#25
Isophorone
Concen: 5.013 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Tgt Ion: 82 Resp: 120576
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

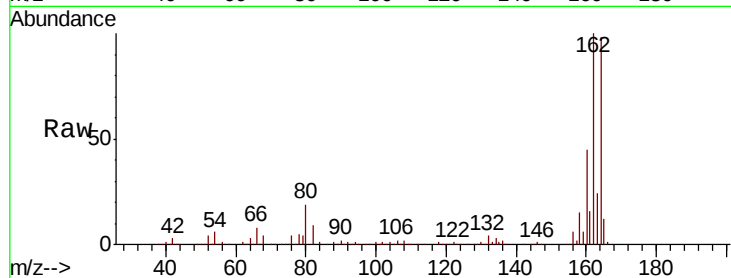




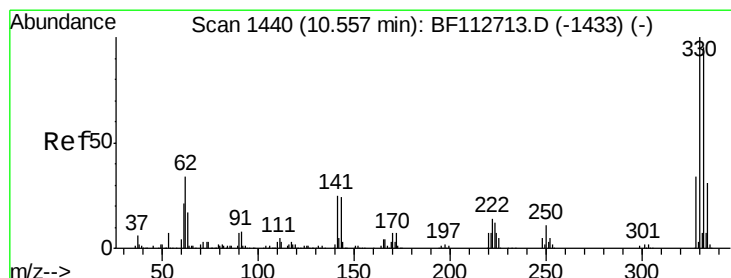
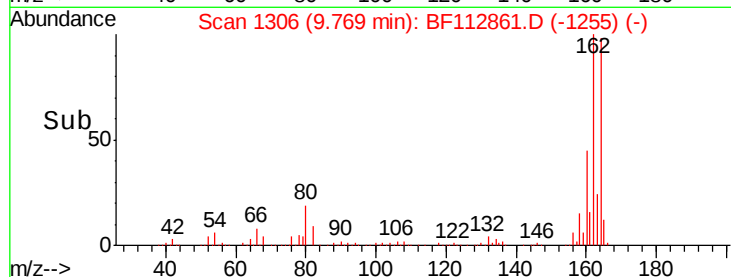
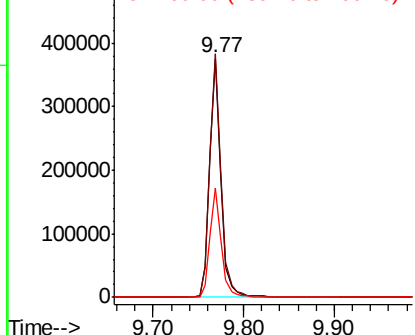
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Instrument :
BNA_F
ClientSampleId :
TP-4-B-D

Tgt Ion:164 Resp: 337410
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.9 36.0 54.0

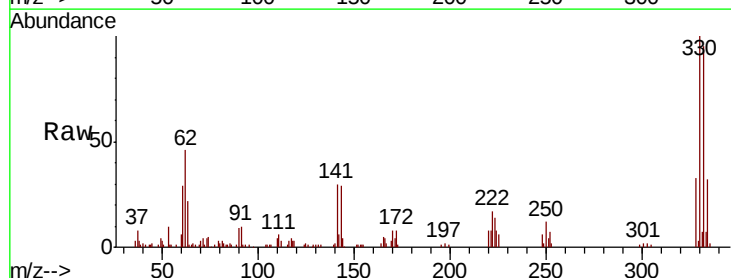


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

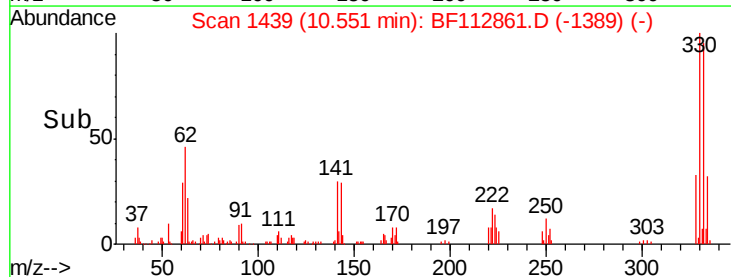
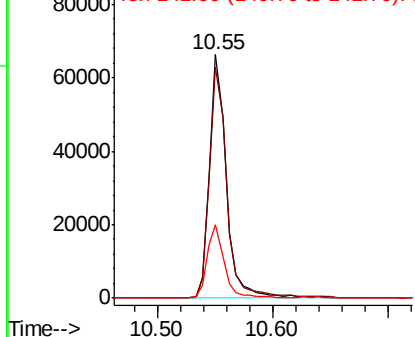


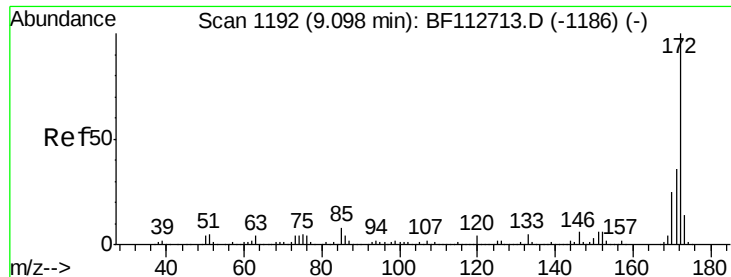
#42
2,4,6-Tribromophenol
Concen: 18.819 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Tgt Ion:330 Resp: 67409
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 30.5 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

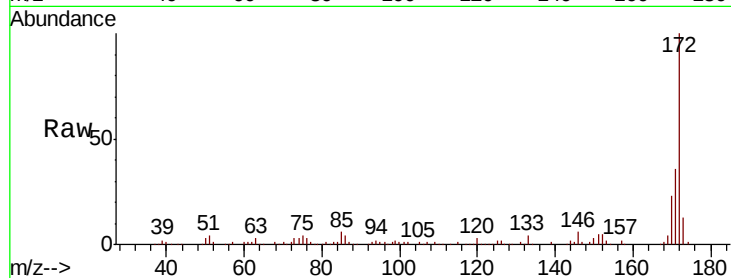




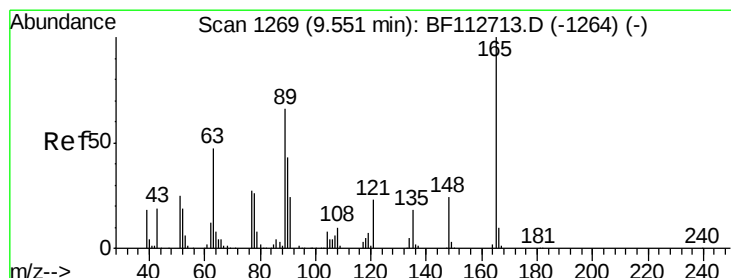
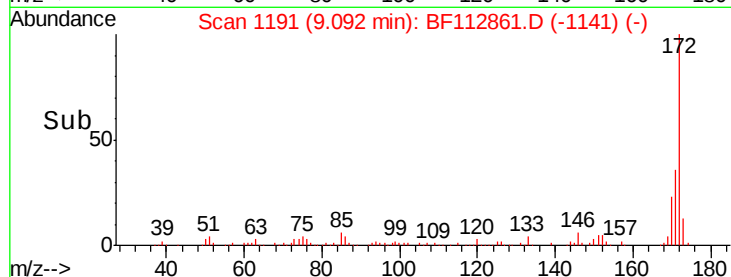
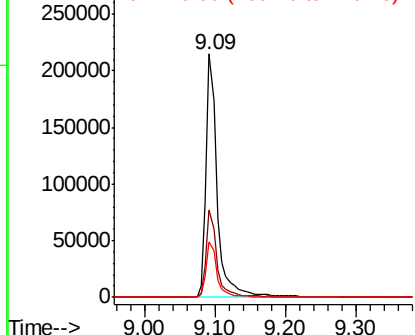
#45
 2-Fluorobiphenyl
 Concen: 8.155 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112861.D
 Acq: 5 Mar 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-D

Tgt Ion:172 Resp: 237030
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 23.0 20.0 30.0

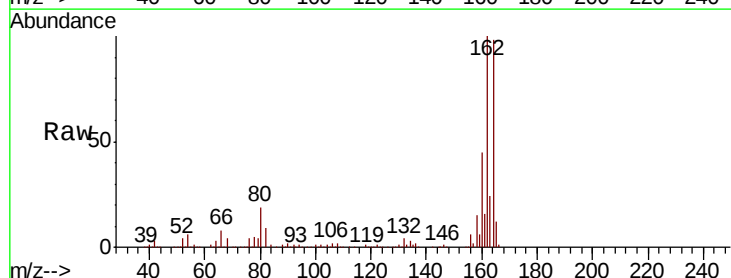


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

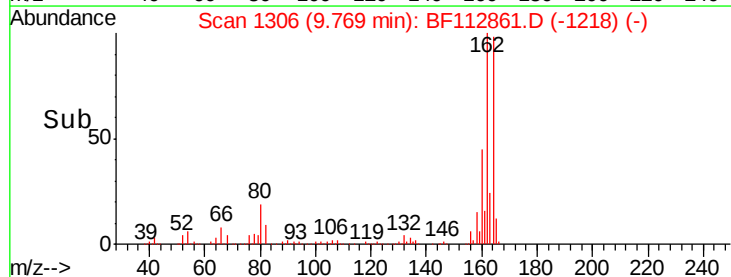
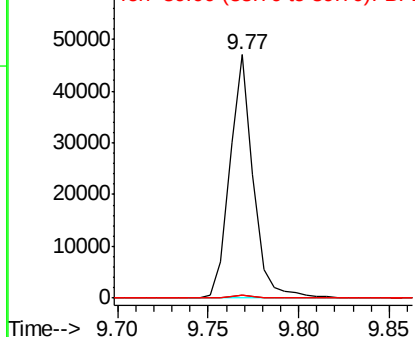


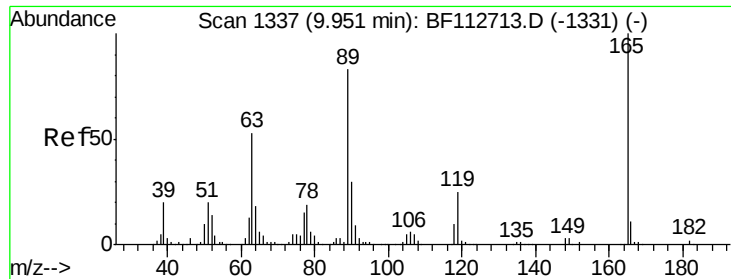
#51
 2,6-Dinitrotoluene
 Concen: 8.148 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF112861.D
 Acq: 5 Mar 2019 19:22

Tgt Ion:165 Resp: 42215
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

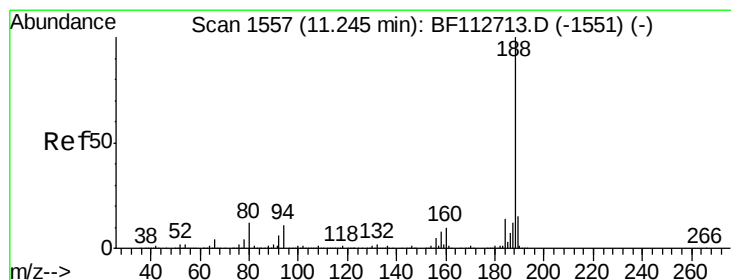
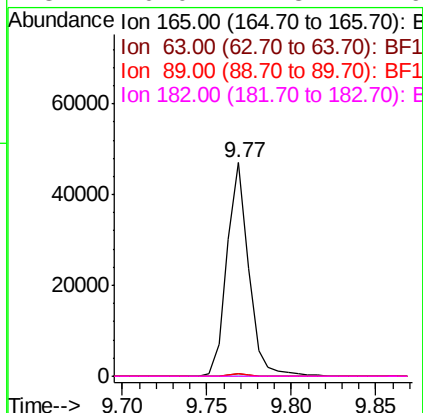
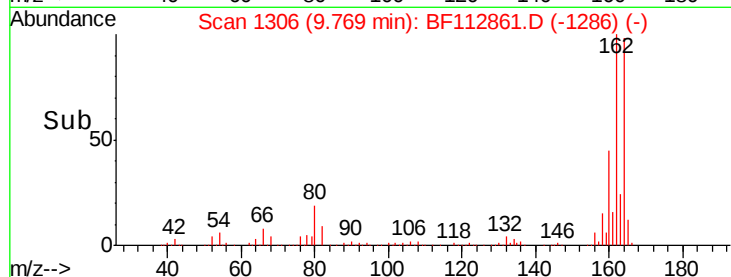
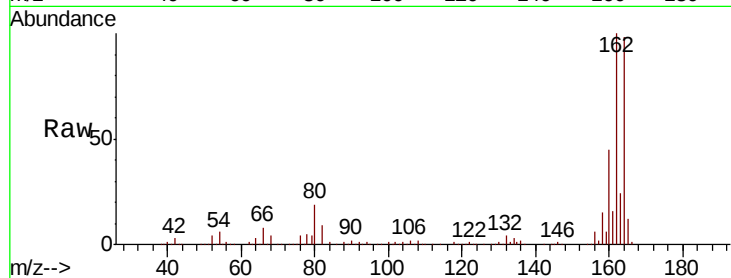




#57
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

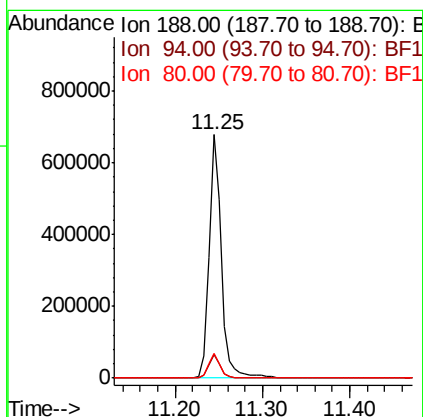
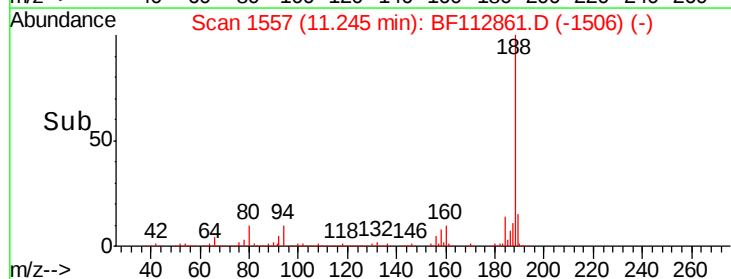
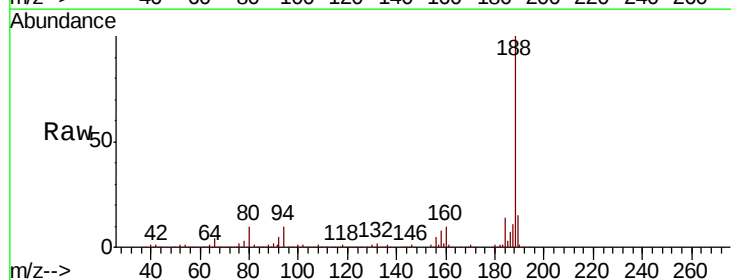
Instrument :
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ClientSampleId :
TP-4-B-D

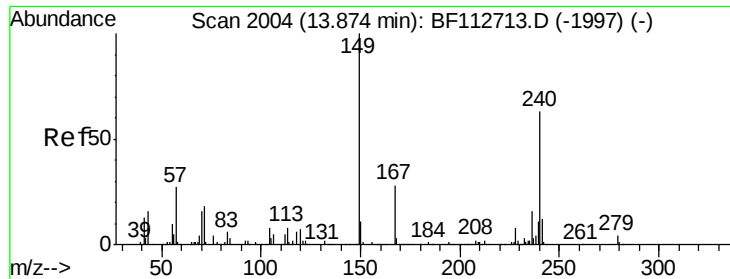
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.4	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.4	9.2	13.8

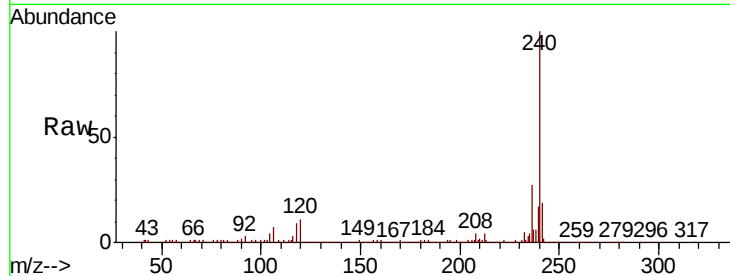




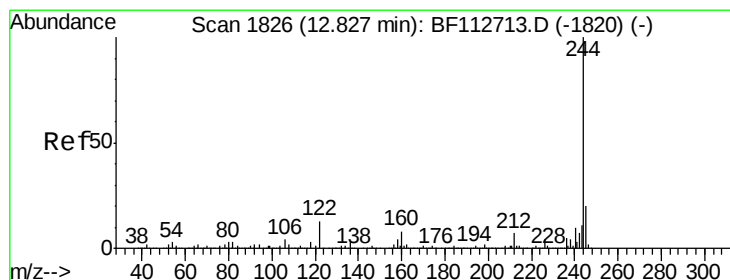
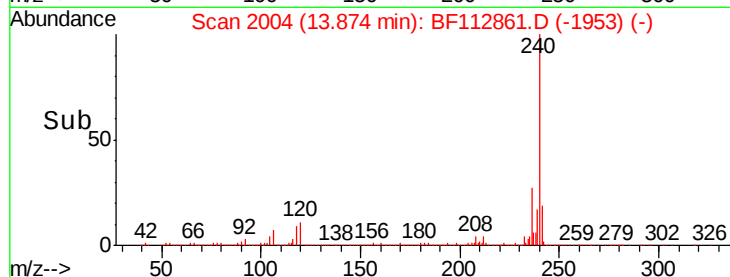
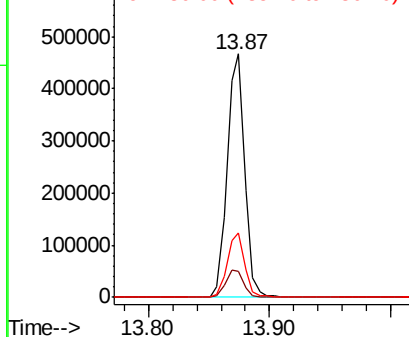
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Instrument :
BNA_F
ClientSampleId :
TP-4-B-D

Tgt Ion:240 Resp: 465377
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.6 20.7 31.1

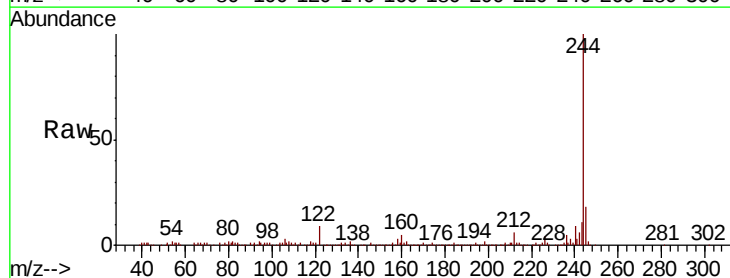


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

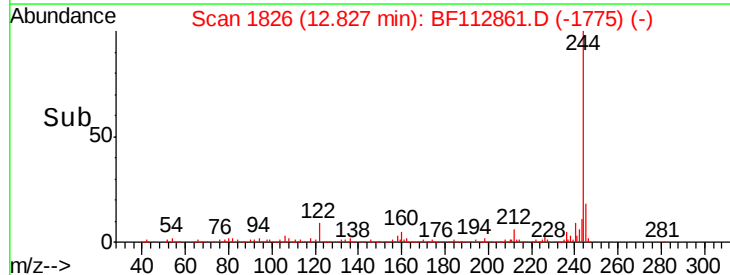
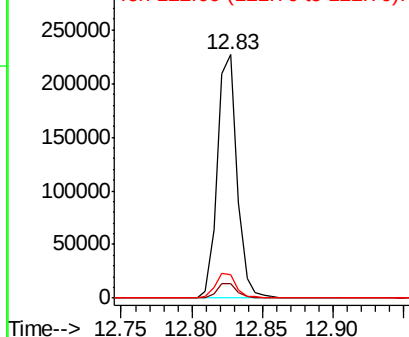


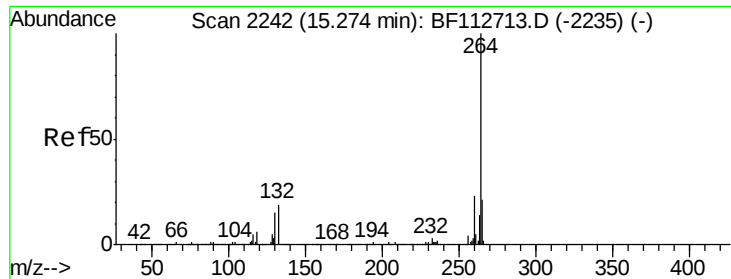
#79
Terphenyl-d14
Concen: 9.203 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112861.D
Acq: 5 Mar 2019 19:22

Tgt Ion:244 Resp: 220948
Ion Ratio Lower Upper
244 100
212 5.9 5.6 8.4
122 9.4 10.5 15.7#



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
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112861.D
 Acq: 5 Mar 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-B-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.1	17.2	25.8

