

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112985.D
 Acq On : 12 Mar 2019 5:44
 Operator : JU/SJ
 Sample : K1817-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B112-030719

Quant Time: Mar 12 07:24:55 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	136902	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	535935	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	272889	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	577952	20.00	ng	0.00
76) Chrysene-d12	13.86	240	445124	20.00	ng	-0.01
87) Perylene-d12	15.27	264	369369	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	699867	79.52	ng	-0.01
7) Phenol-d6	6.36	99	958827	86.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	552140	61.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	326041	112.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1106558	62.69	ng	-0.01
79) Terphenyl-d14	12.82	244	1238081	53.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	38364	2.974	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	71567	10.221	ng	# 75
25) Isophorone	7.29	82	552133	28.615	ng	# 66
50) Dimethylphthalate	9.48	163	113624	5.647	ng	99
57) 2,4-Dinitrotoluene	9.76	165	34595	6.642	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	485	4.797	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	18607	3.057	ng	# 1

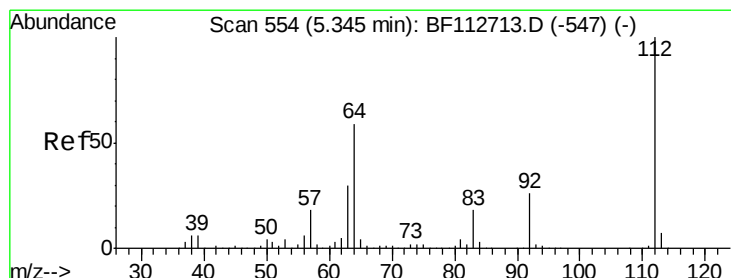
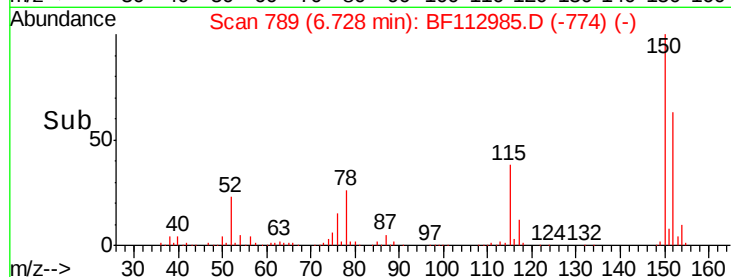
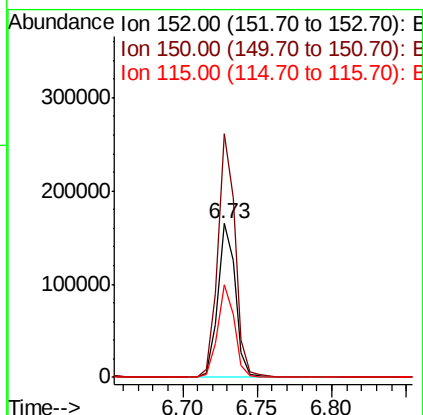
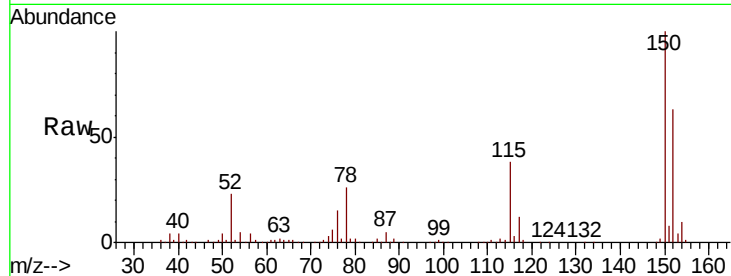
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112985.D
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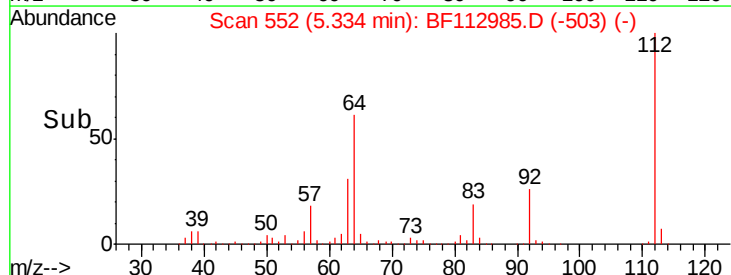
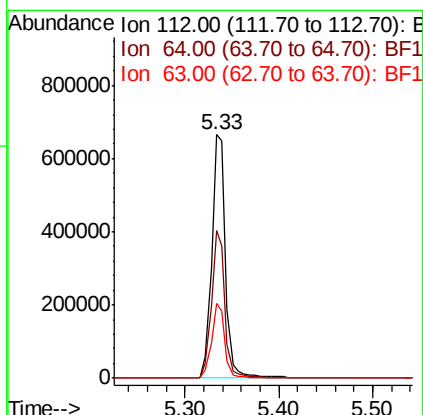
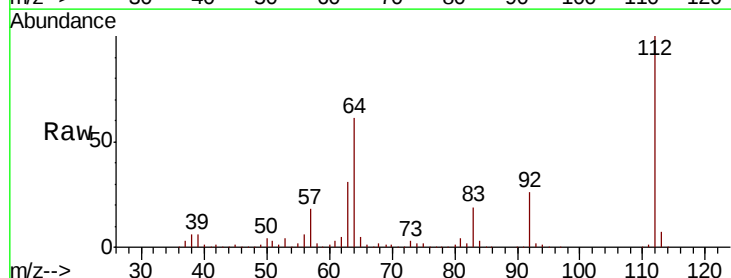
Instrument :
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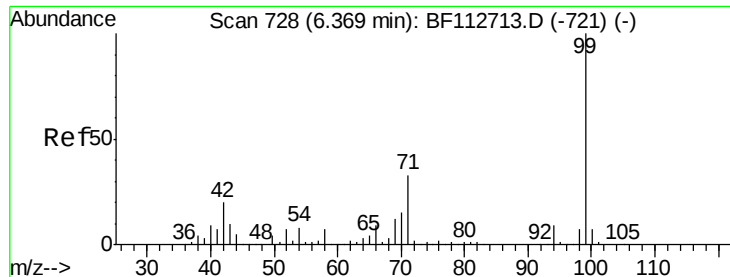
Tgt Ion:152 Resp: 136902
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.2 186.2
 115 60.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 79.522 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt Ion:112 Resp: 699867
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.6 71.4
 63 30.6 24.4 36.6





#7

Phenol-d6

Concen: 86.729 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112985.D

Acq: 12 Mar 2019 5:44

Instrument :

BNA_F

ClientSampleId :

PST-027-B112-030719

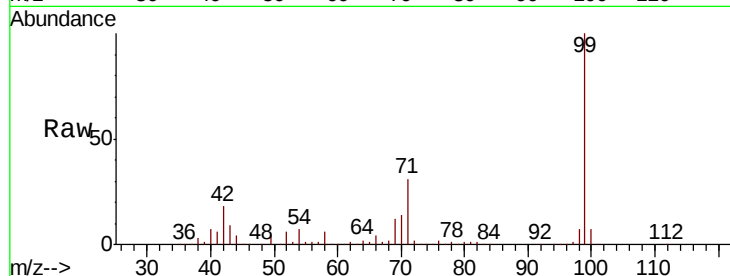
Tgt Ion: 99 Resp: 958827

Ion Ratio Lower Upper

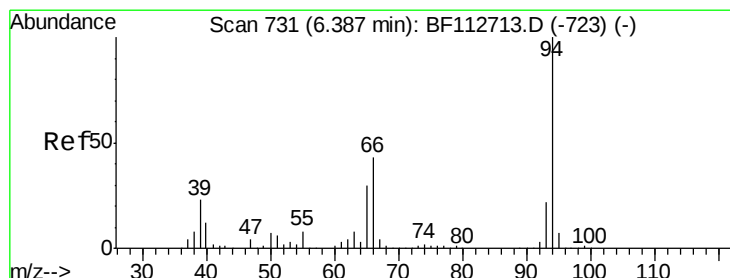
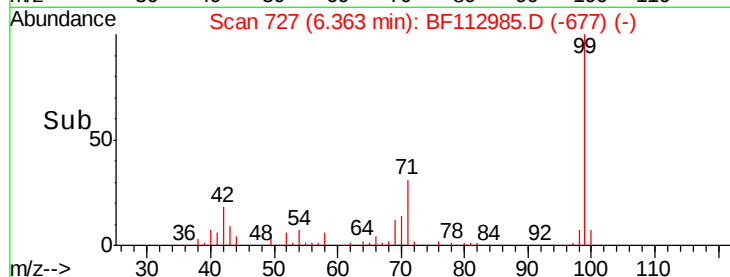
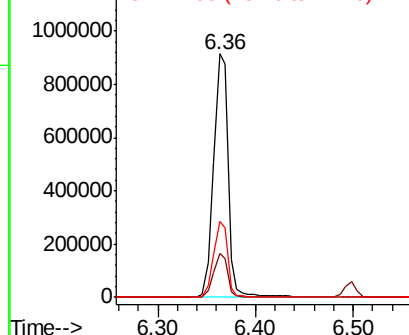
99 100

42 18.0 16.3 24.5

71 31.1 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



#10

Phenol

Concen: 2.974 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112985.D

Acq: 12 Mar 2019 5:44

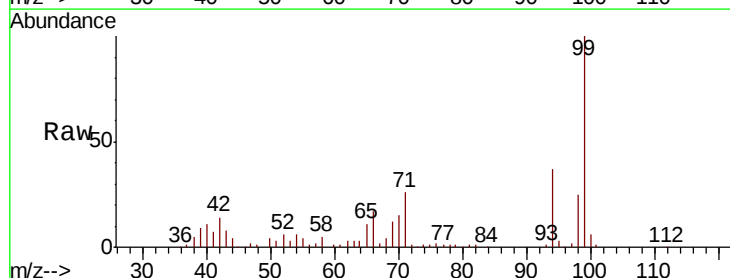
Tgt Ion: 94 Resp: 38364

Ion Ratio Lower Upper

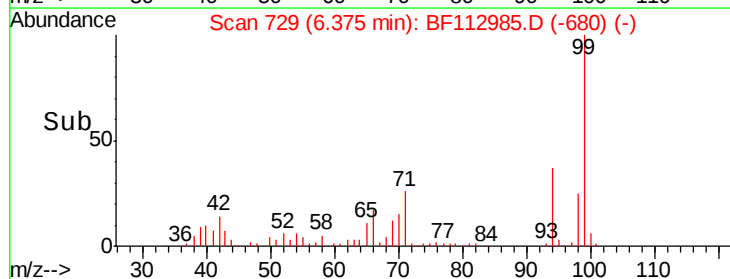
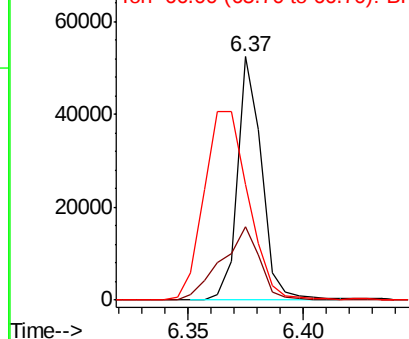
94 100

65 30.2 10.5 50.5

66 47.5 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

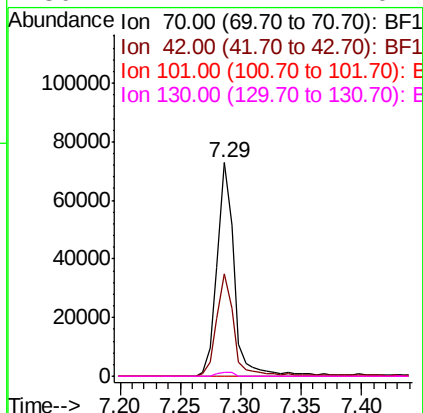
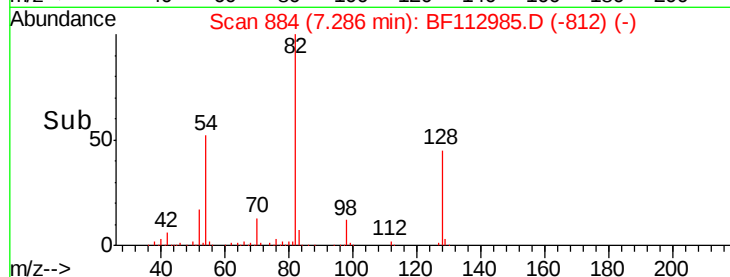
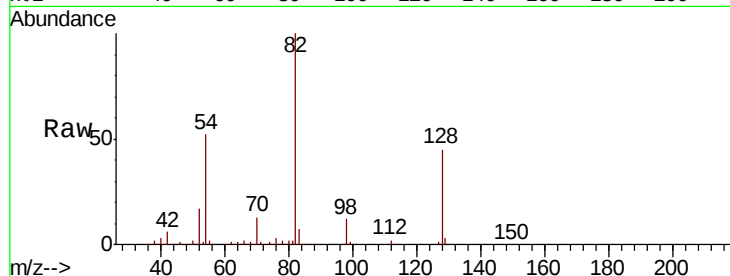




#19
n-Nitroso-di-n-propylamine
Concen: 10.221 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

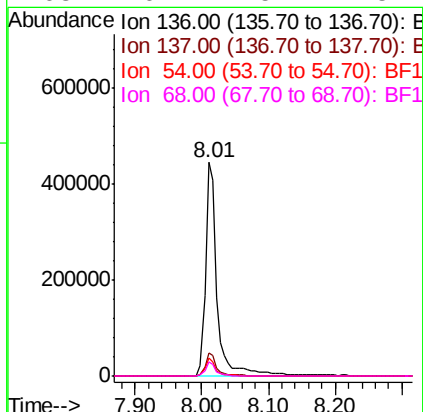
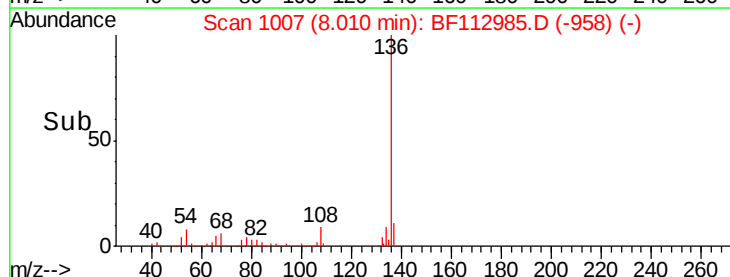
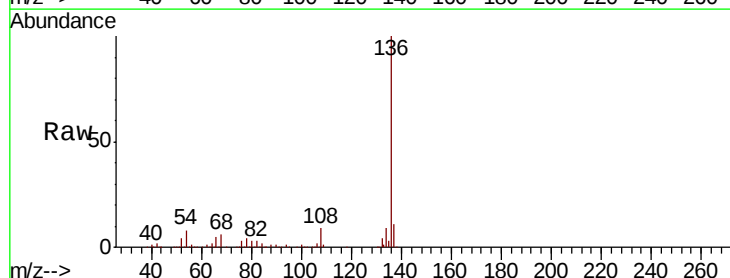
Instrument :
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ClientSampleId :
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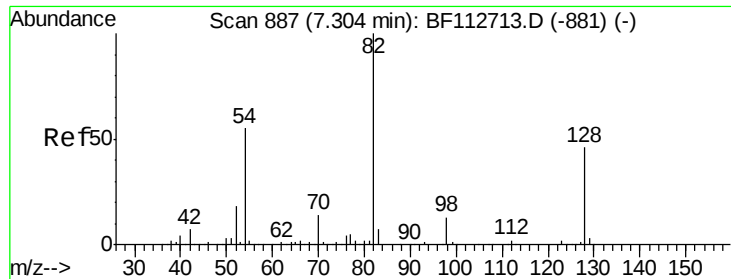
Tgt Ion: 70 Resp: 71567
Ion Ratio Lower Upper
70 100
42 48.2 49.9 74.9#
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Tgt Ion: 136 Resp: 535935
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.4 7.3 10.9
68 6.4 5.4 8.2

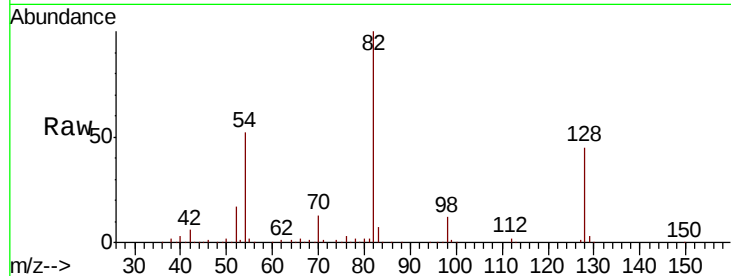




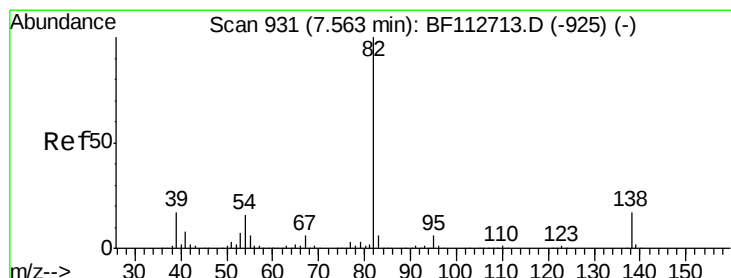
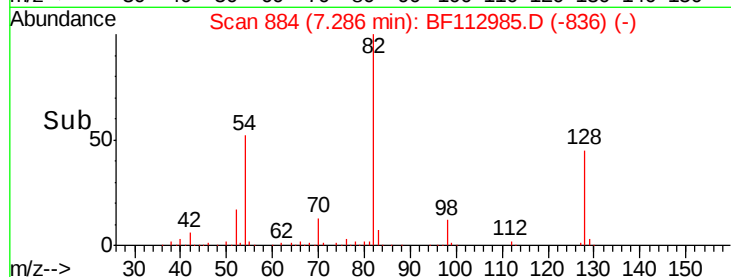
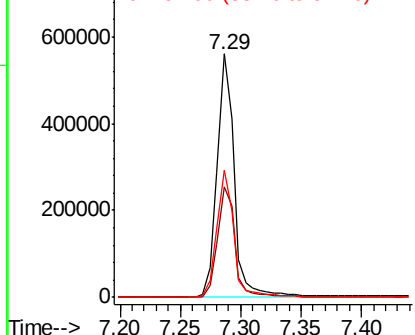
#23
 Nitrobenzene-d5
 Concen: 61.647 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	52.3	43.7	65.5

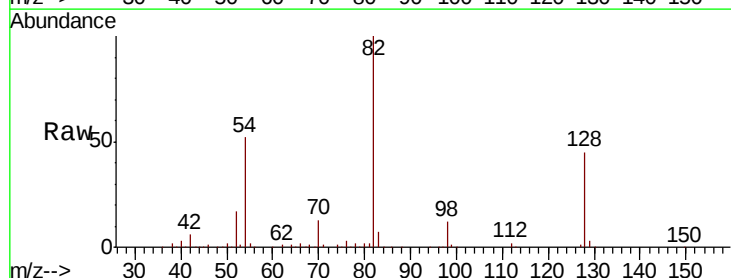


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

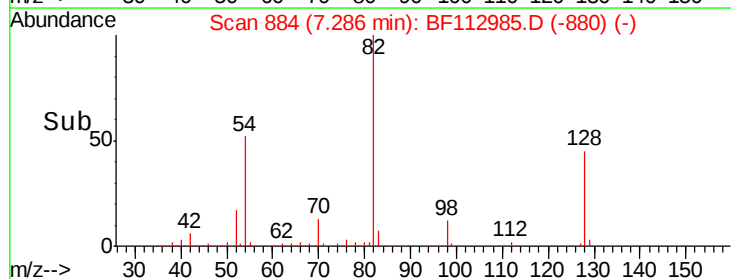
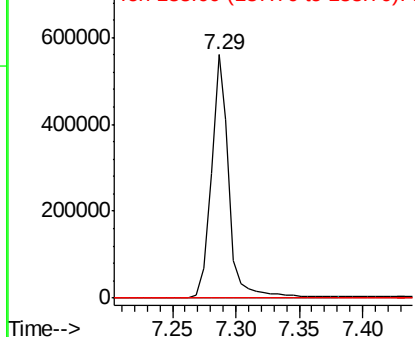


#25
 Isophorone
 Concen: 28.615 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt 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

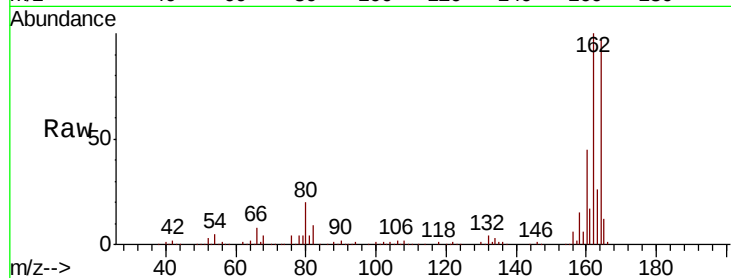




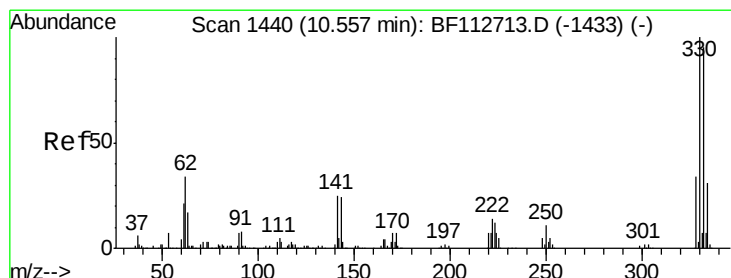
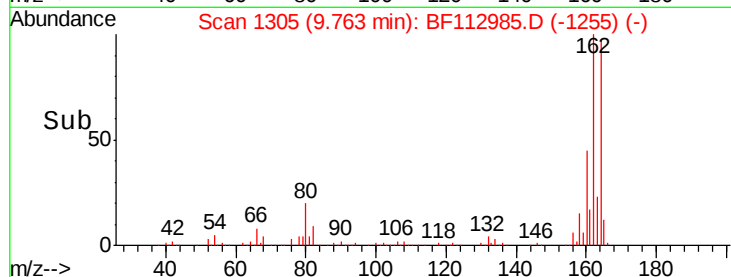
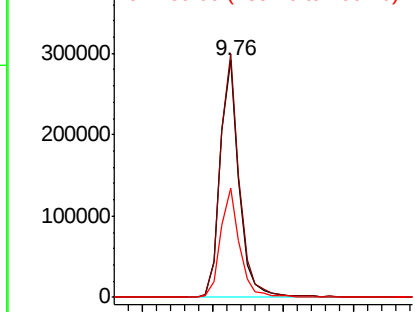
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

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BNA_F
ClientSampleId :
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Tgt Ion:164 Resp: 272889
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.0 36.0 54.0

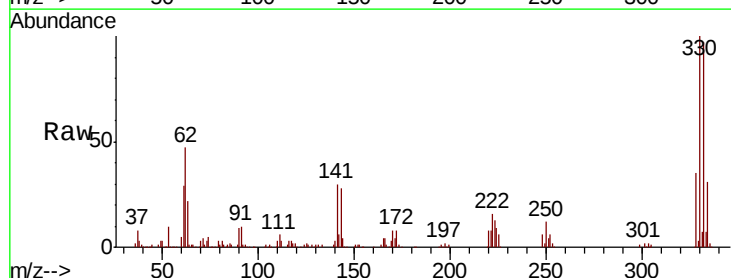


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

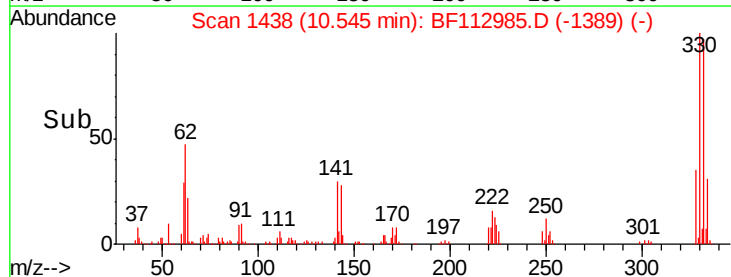
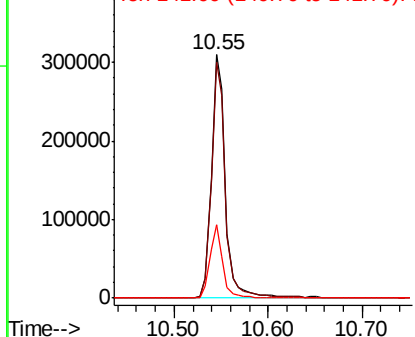


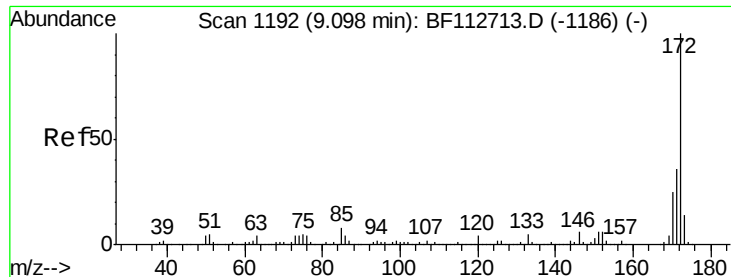
#42
2,4,6-Tribromophenol
Concen: 112.542 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Tgt Ion:330 Resp: 326041
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 28.0 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

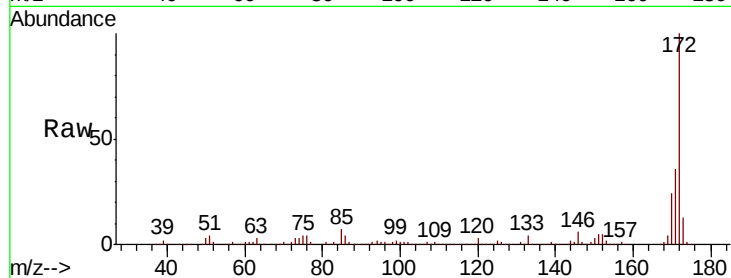




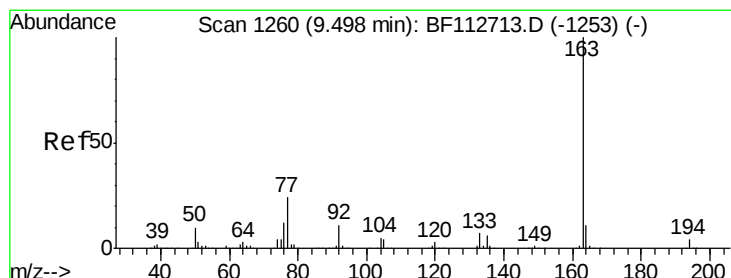
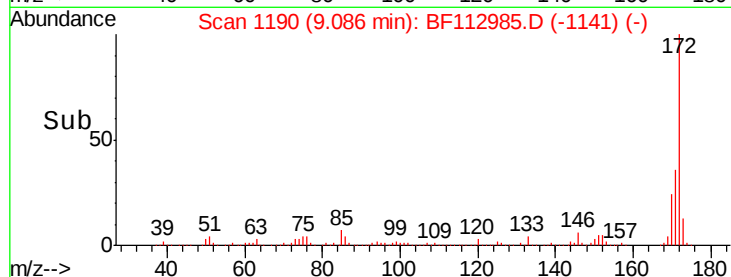
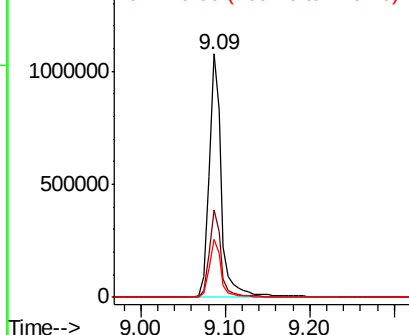
#45
2-Fluorobiphenyl
Concen: 62.692 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112985.D
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ClientSampleId :
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Tgt Ion:172 Resp: 1106558
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.9 20.0 30.0

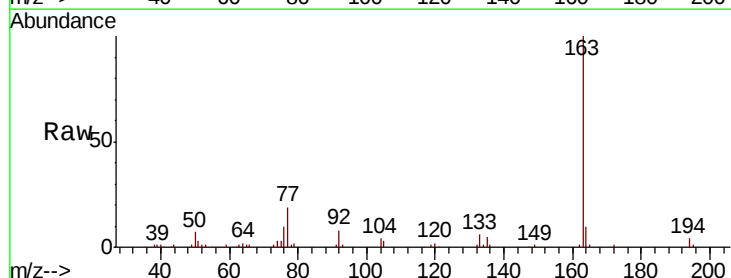


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

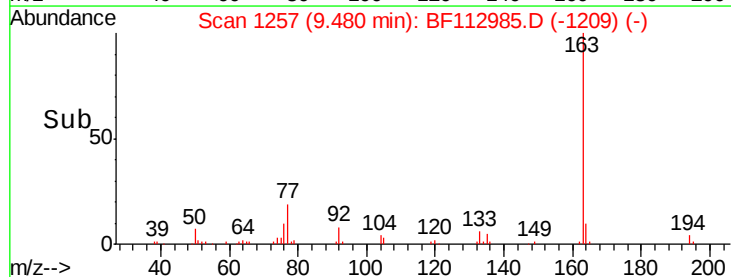
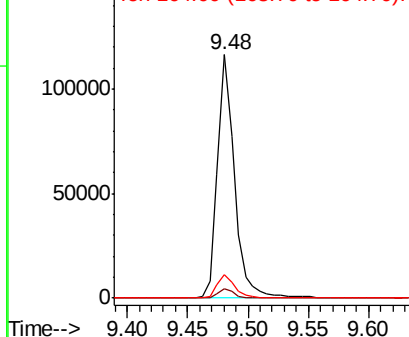


#50
Dimethylphthalate
Concen: 5.647 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Tgt Ion:163 Resp: 113624
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 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

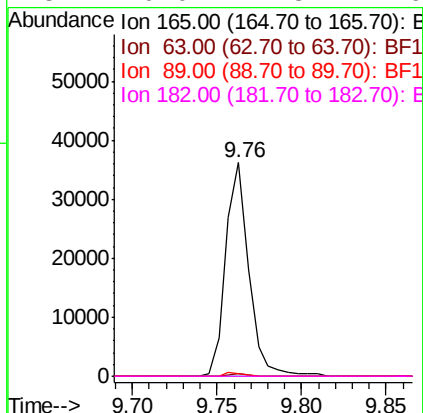
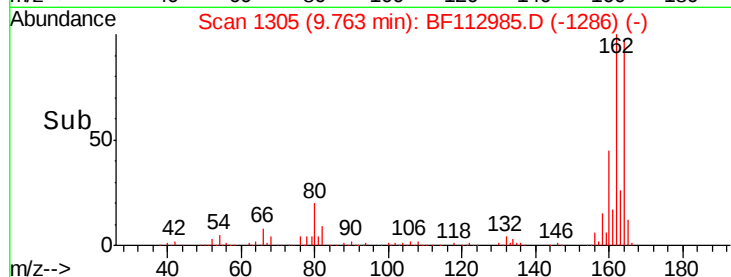
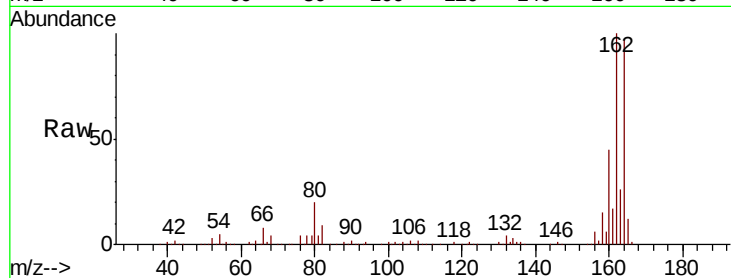




#57
 2,4-Dinitrotoluene
 Concen: 6.642 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

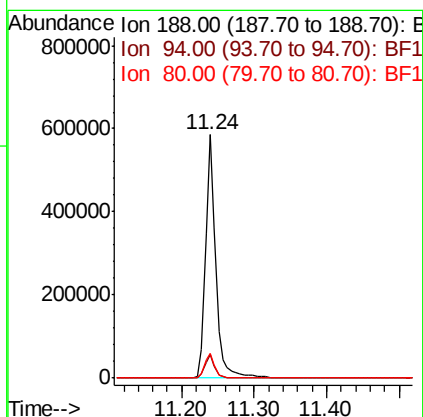
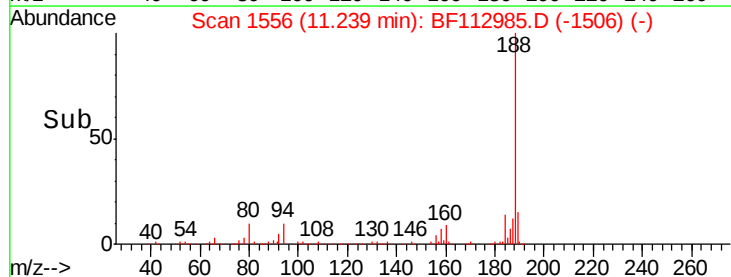
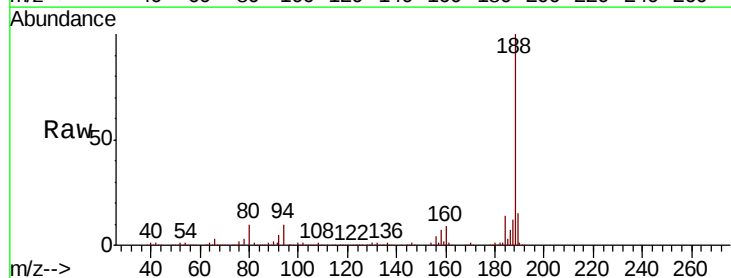
Instrument :
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 PST-027-B112-030719

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: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.0	9.2	13.8

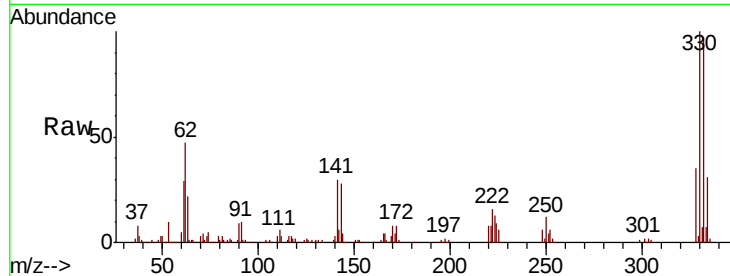




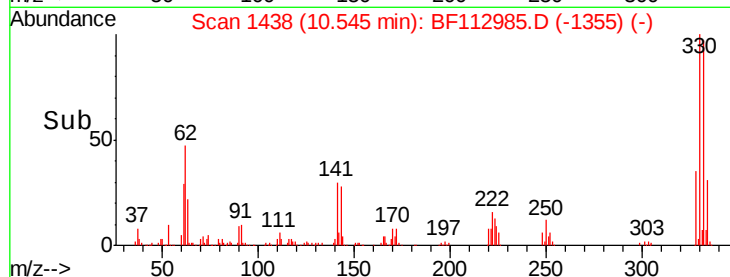
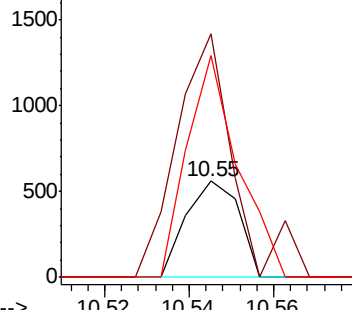
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.797 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B112-030719

Tgt Ion:198 Resp: 485
 Ion Ratio Lower Upper
 198 100
 51 253.4 43.8 83.8#
 105 231.1 36.5 76.5#

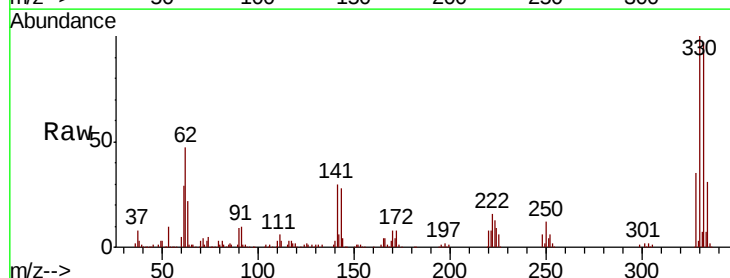


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

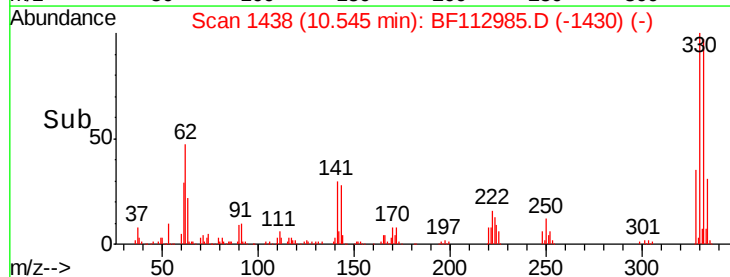
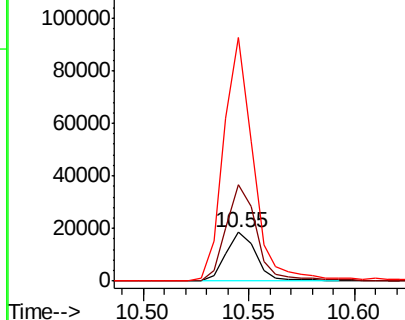


#67
 4-Bromophenyl-phenylether
 Concen: 3.057 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112985.D
 Acq: 12 Mar 2019 5:44

Tgt Ion:248 Resp: 18607
 Ion Ratio Lower Upper
 248 100
 250 196.0 77.5 116.3#
 141 496.9 62.4 93.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

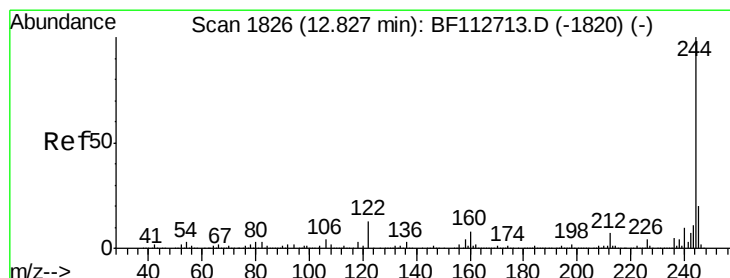
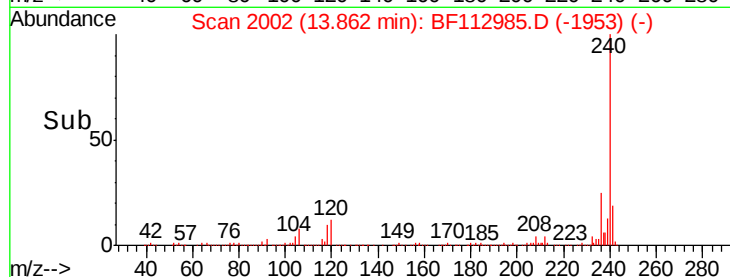
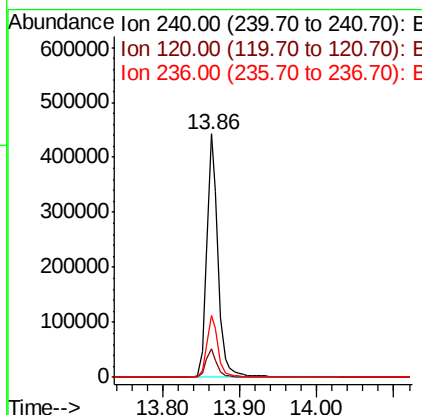
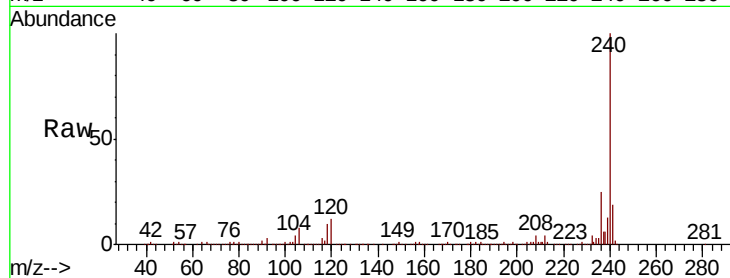




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

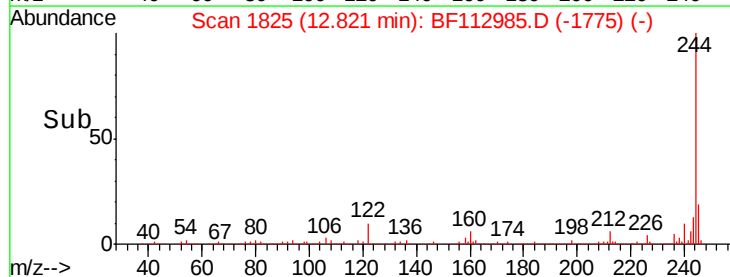
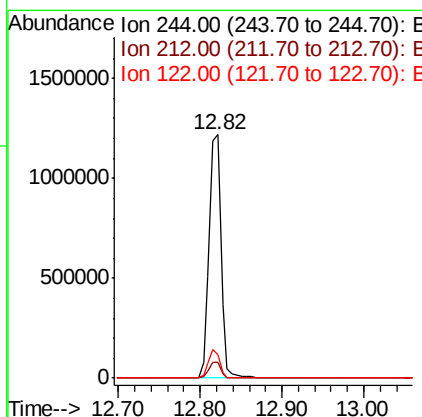
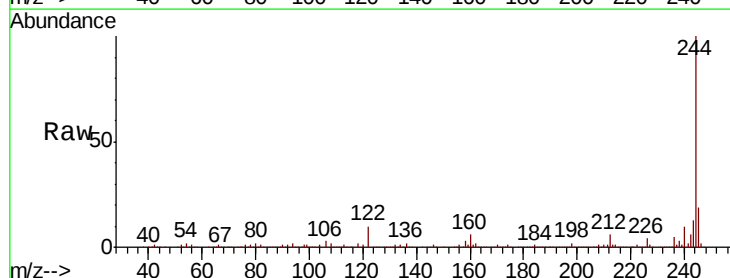
Instrument :
BNA_F
ClientSampleId :
PST-027-B112-030719

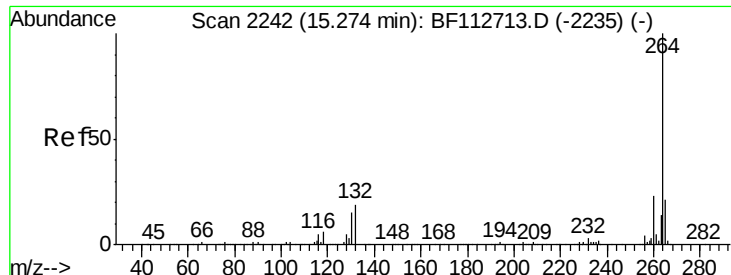
Tgt Ion:240 Resp: 445124
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 53.918 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Tgt Ion:244 Resp: 1238081
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 9.7 10.5 15.7#

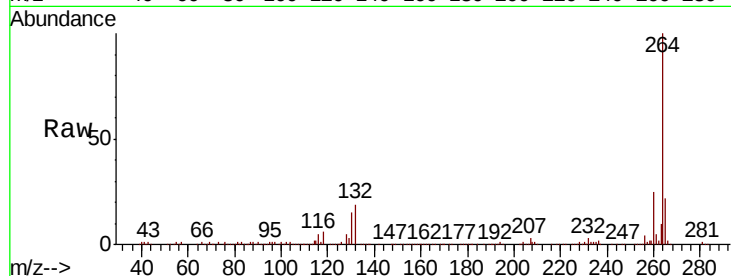




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112985.D
Acq: 12 Mar 2019 5:44

Instrument :
BNA_F
ClientSampleId :
PST-027-B112-030719

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.7	17.2	25.8



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

