

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111766.D
 Acq On : 27 Dec 2018 16:57
 Operator : JU/SJ
 Sample : J6426-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS023-0006-01

Quant Time: Dec 28 00:15:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

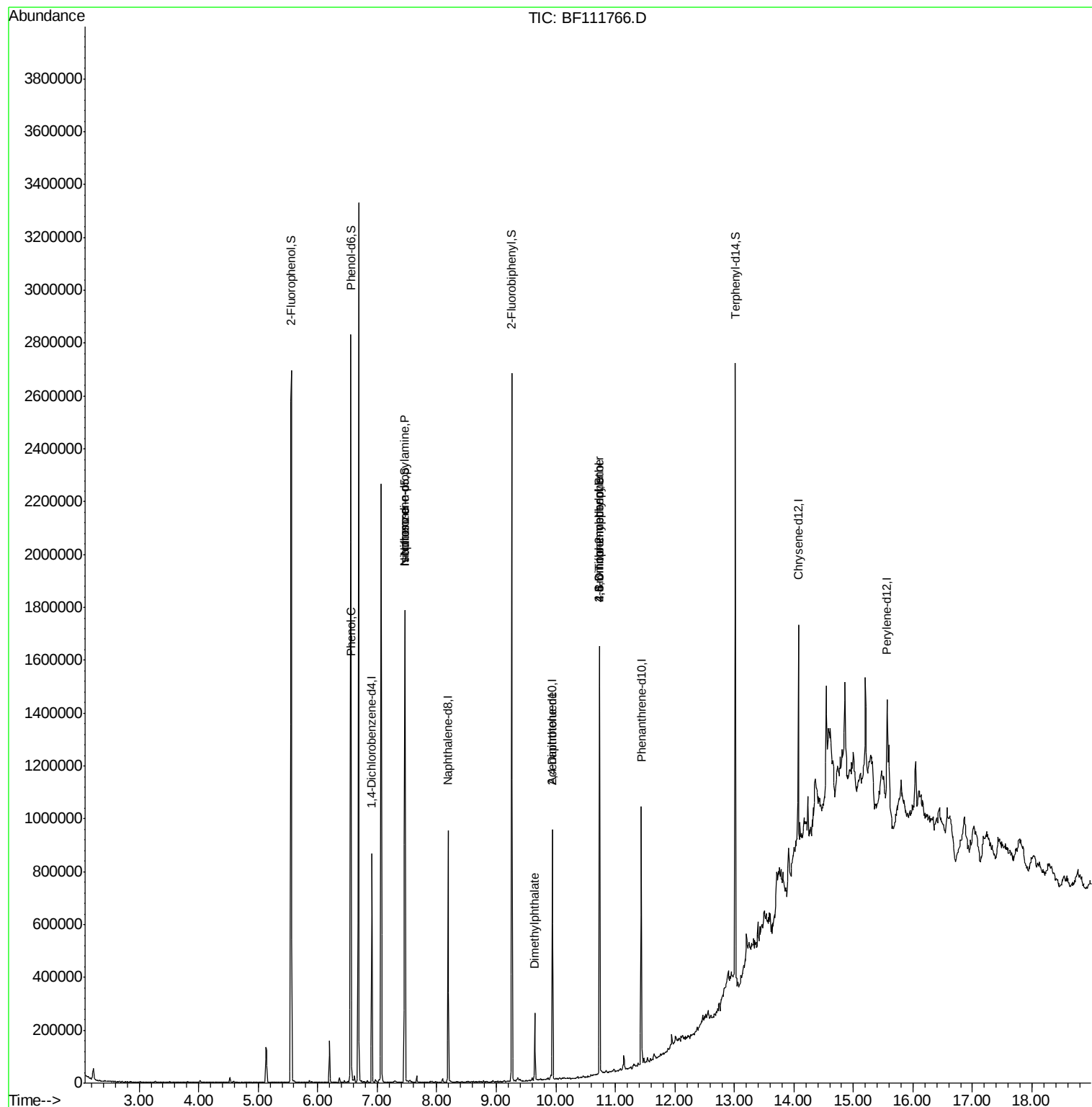
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	112612	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	375734	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	169428	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	307135	20.00	ng	0.02
76) Chrysene-d12	14.07	240	266632	20.00	ng	0.02
87) Perylene-d12	15.57	264	192066	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	733502	111.03	ng	0.04
7) Phenol-d6	6.56	99	891344	106.01	ng	0.04
23) Nitrobenzene-d5	7.46	82	571173	88.48	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	196871	98.34	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	730180	62.82	ng	0.00
79) Terphenyl-d14	13.02	244	717224	51.01	ng	0.02
Target Compounds						
10) Phenol	6.57	94	48621	5.125	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	77675	13.911	ng	# 79
25) Isophorone	7.46	82	568410	49.601	ng	# 64
50) Dimethylphthalate	9.65	163	84487	6.819	ng	98
57) 2,4-Dinitrotoluene	9.95	165	21694	7.306	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	327	6.915	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	12460	3.271	ng	# 1

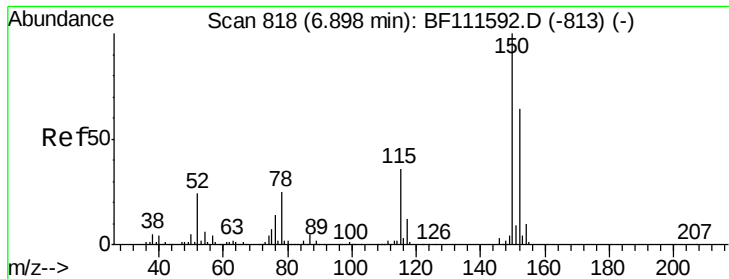
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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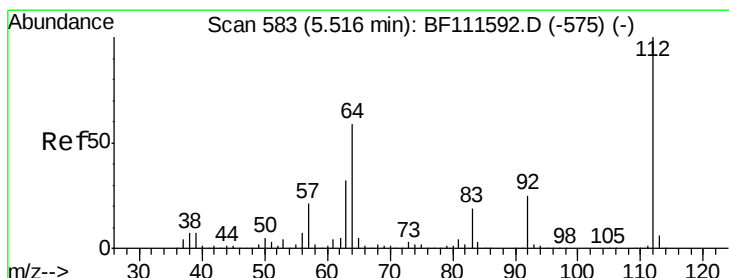
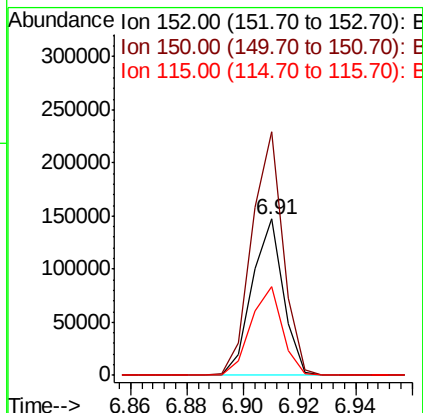
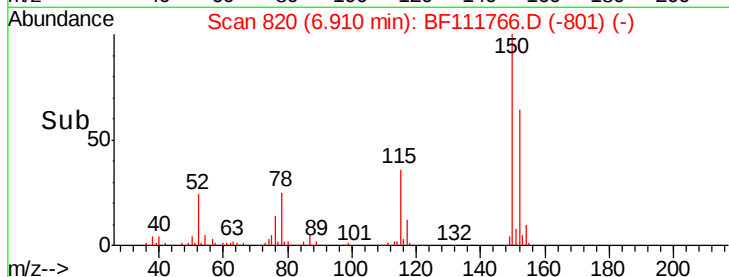
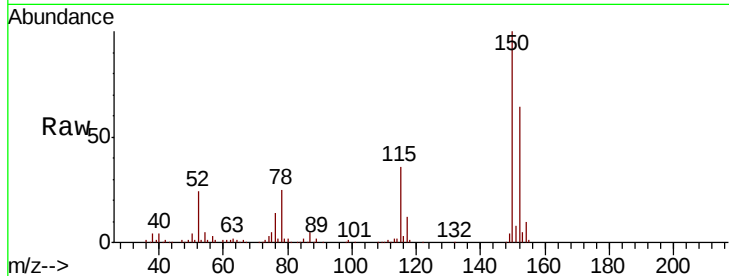


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

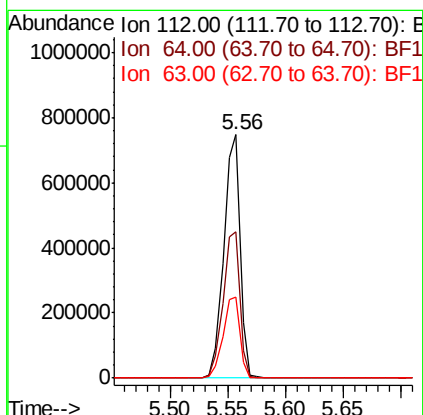
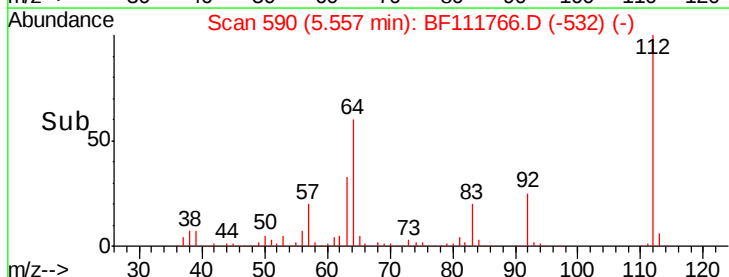
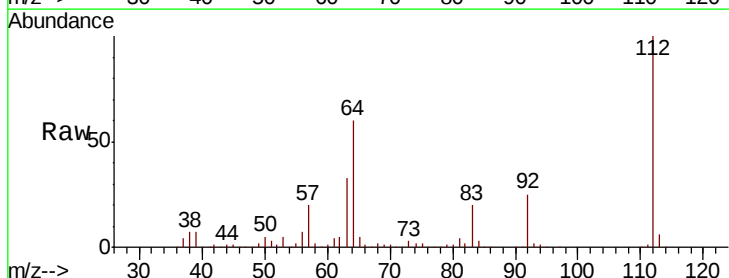
Tgt Ion:152 Resp: 112612
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 56.6 50.7 76.1

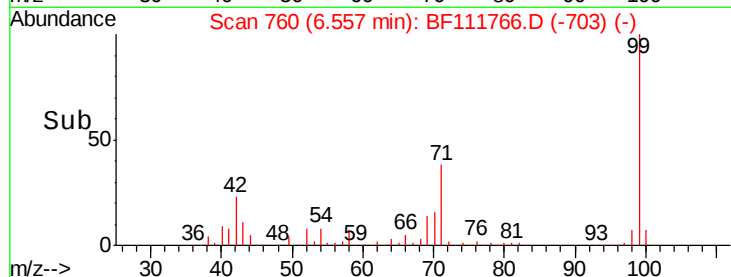
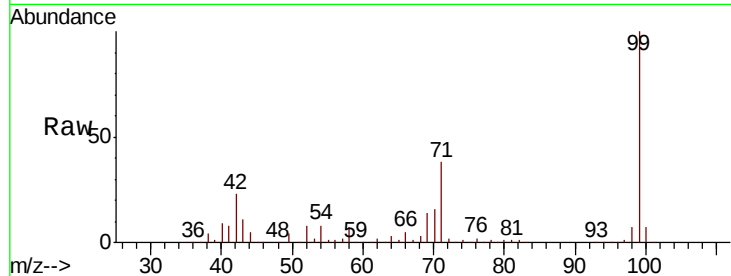
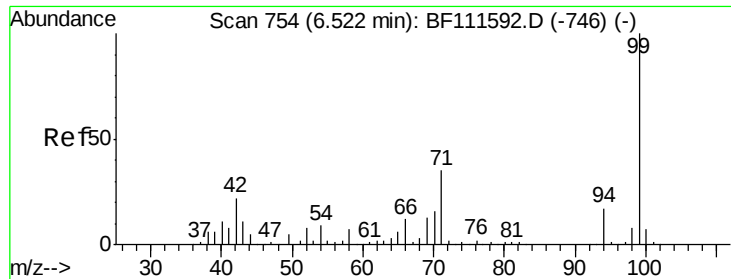


#5

2-Fluorophenol
Concen: 111.025 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.04 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion:112 Resp: 733502
Ion Ratio Lower Upper
112 100
64 60.1 51.8 77.6
63 33.1 26.8 40.2





#7

Phenol-d6

Concen: 106.013 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.04 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS023-0006-01

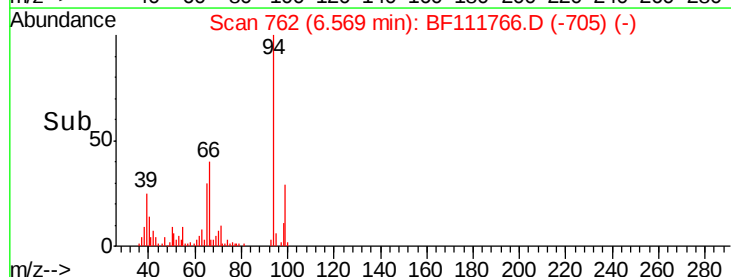
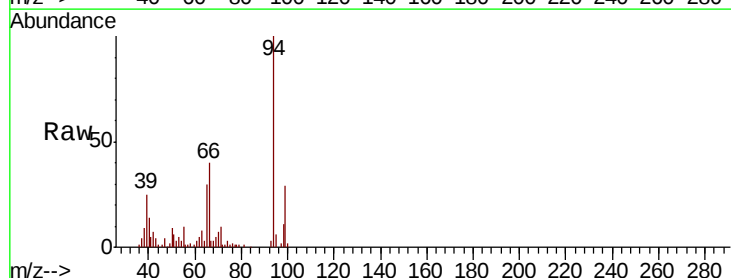
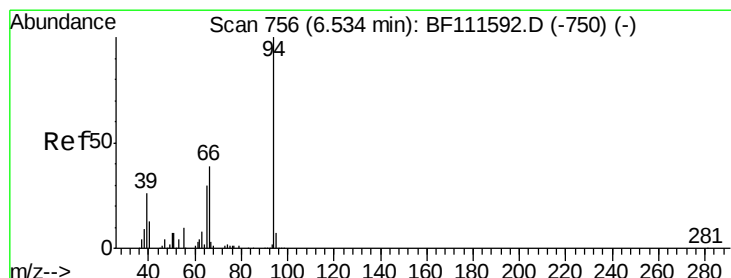
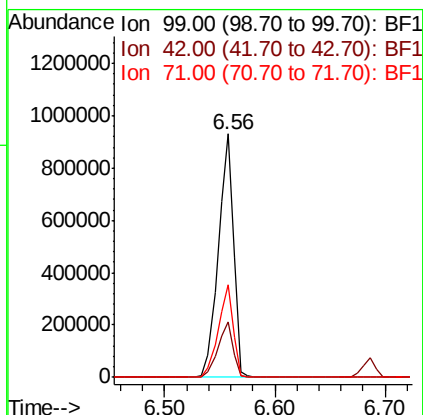
Tgt Ion: 99 Resp: 891344

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

71 37.9 26.1 39.1



#10

Phenol

Concen: 5.125 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

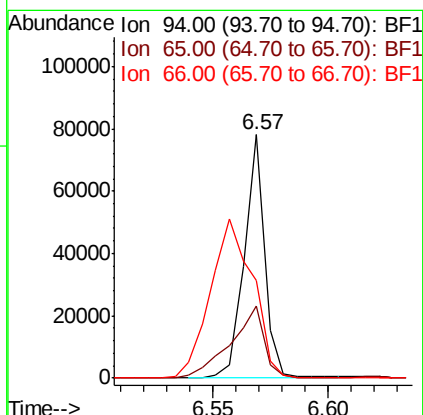
Tgt Ion: 94 Resp: 48621

Ion Ratio Lower Upper

94 100

65 29.7 11.7 51.7

66 40.0 21.0 61.0

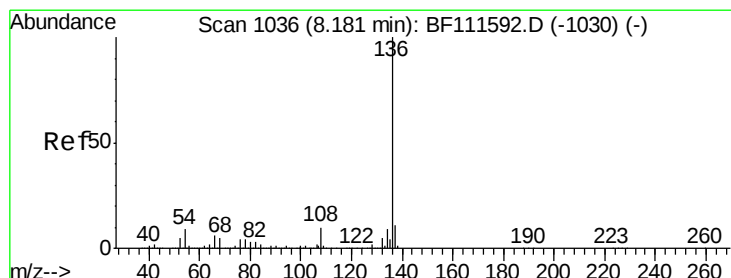
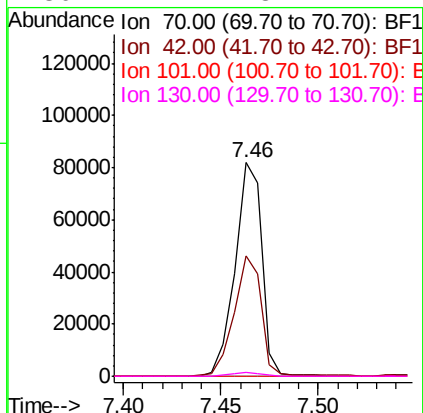
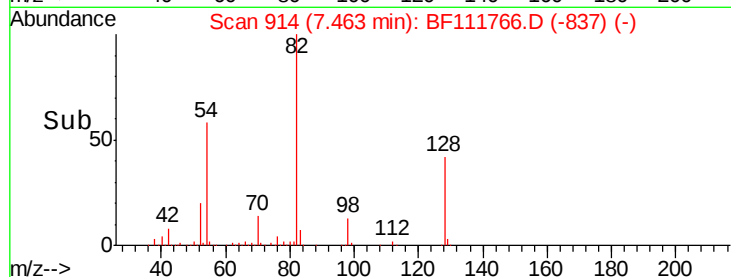
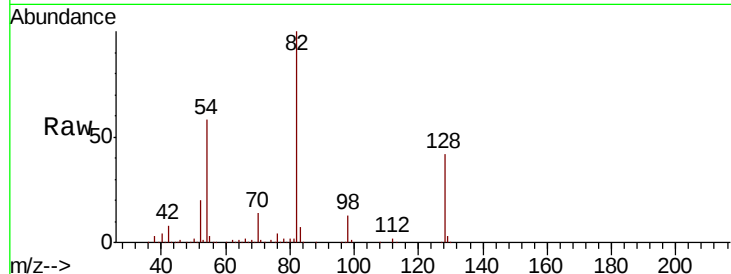




#19
n-Nitroso-di-n-propylamine
Concen: 13.911 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

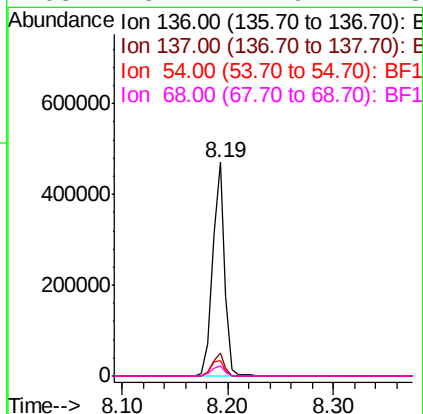
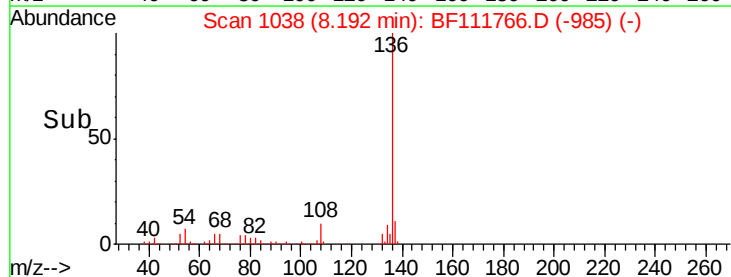
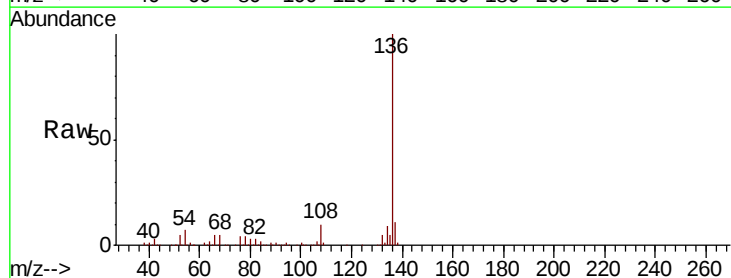
Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

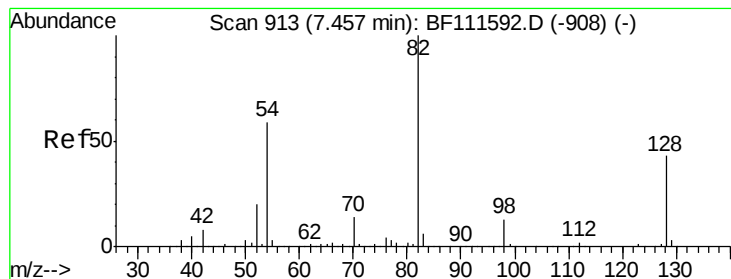
Tgt Ion: 70 Resp: 77675
Ion Ratio Lower Upper
70 100
42 56.1 53.2 79.8
101 0.0 8.2 12.4#
130 1.7 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion: 136 Resp: 375734
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.4 7.7 11.5#
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 88.485 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

Instrument :

BNA_F

ClientSampleId :

P001-SS023-0006-01

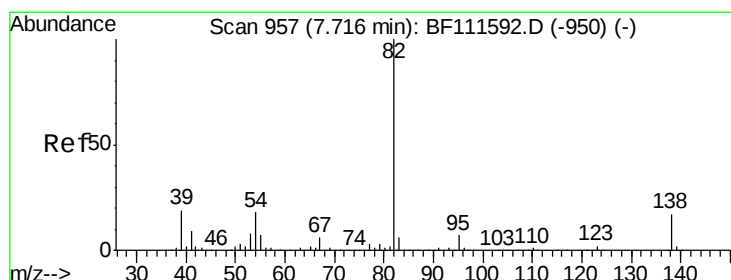
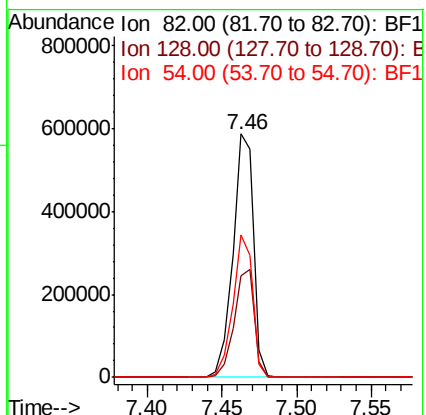
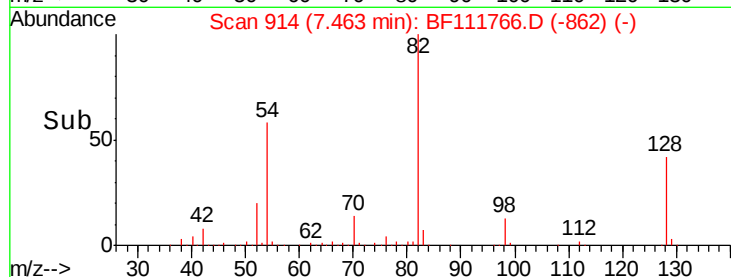
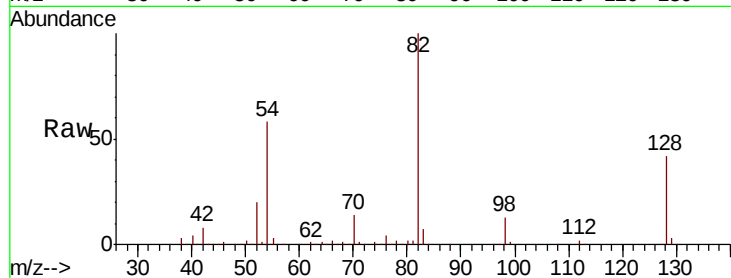
Tgt Ion: 82 Resp: 571173

Ion Ratio Lower Upper

82 100

128 42.0 37.4 56.2

54 58.4 47.6 71.4



#25

Isophorone

Concen: 49.601 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111766.D

Acq: 27 Dec 2018 16:57

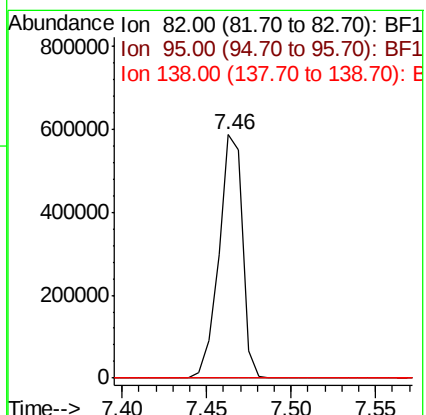
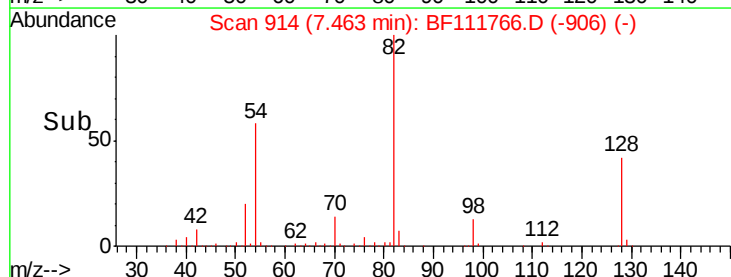
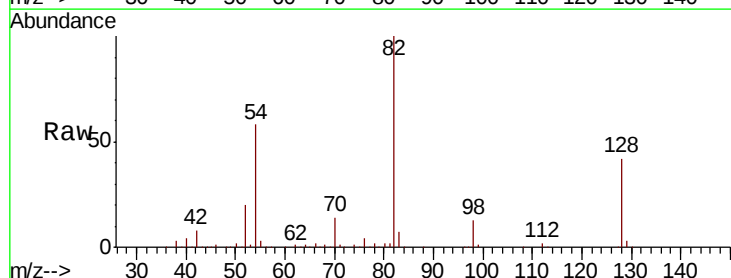
Tgt Ion: 82 Resp: 568410

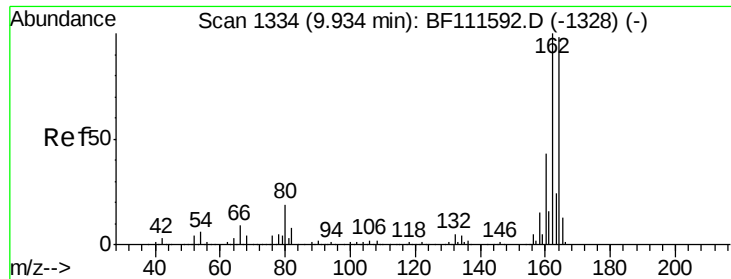
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#

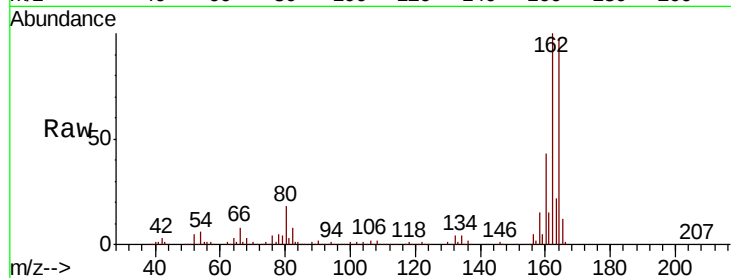




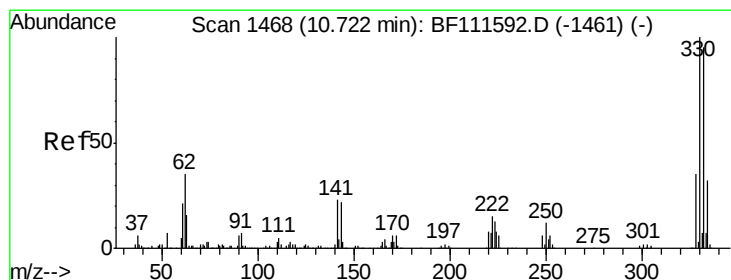
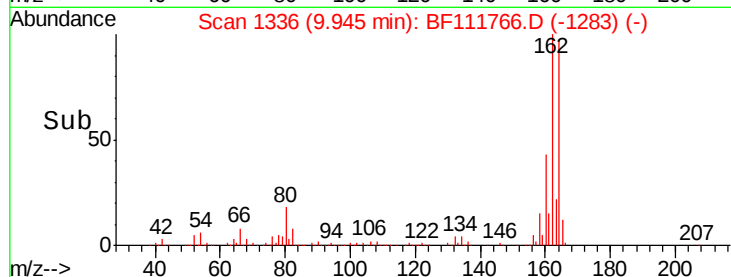
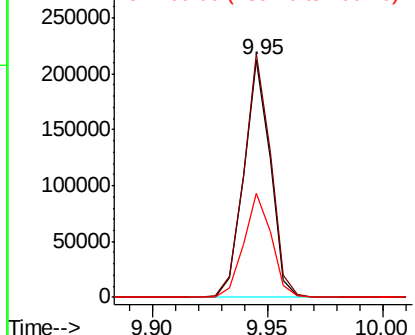
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111766.D
 Acq: 27 Dec 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS023-0006-01

Tgt Ion:164 Resp: 169428
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.0
 160 44.1 35.7 53.5

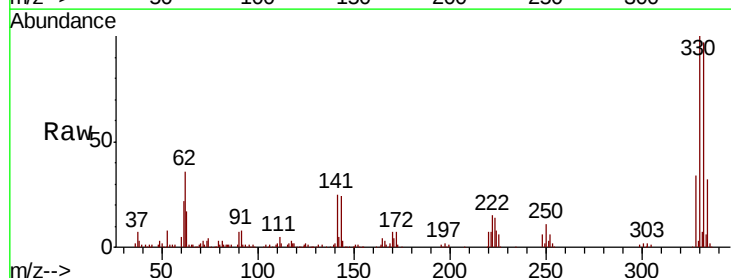


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

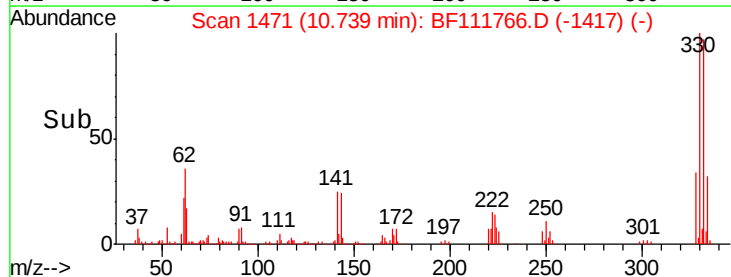
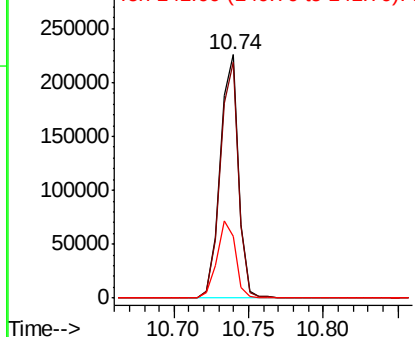


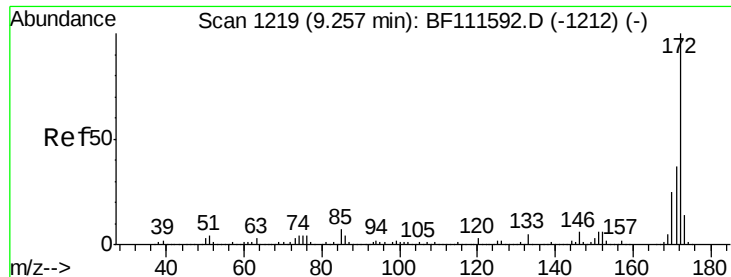
#42
 2,4,6-Tribromophenol
 Concen: 98.341 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.02 min
 Lab File: BF111766.D
 Acq: 27 Dec 2018 16:57

Tgt Ion:330 Resp: 196871
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 31.8 31.0 46.6



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

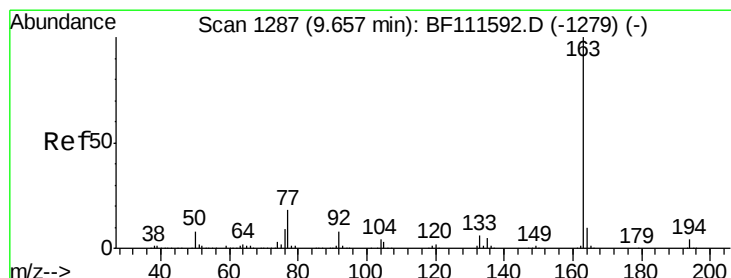
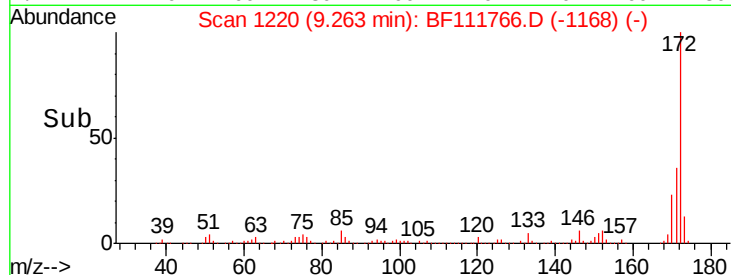
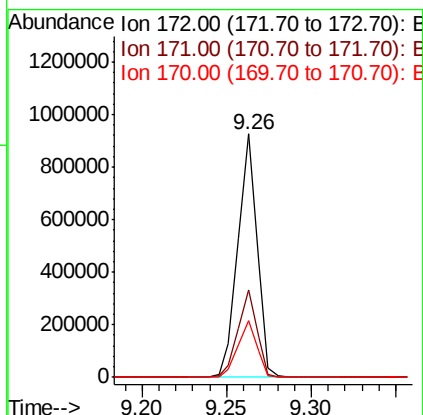
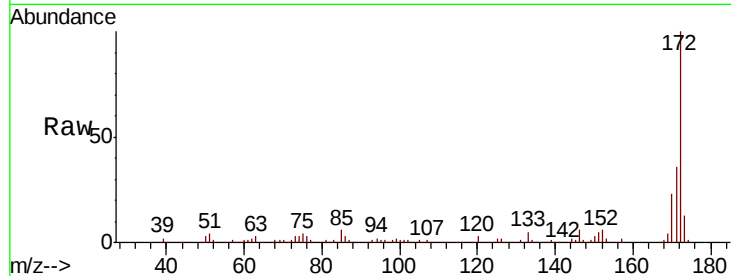




#45
2-Fluorobiphenyl
Concen: 62.817 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

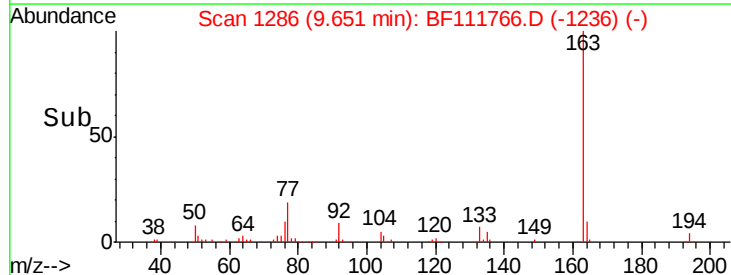
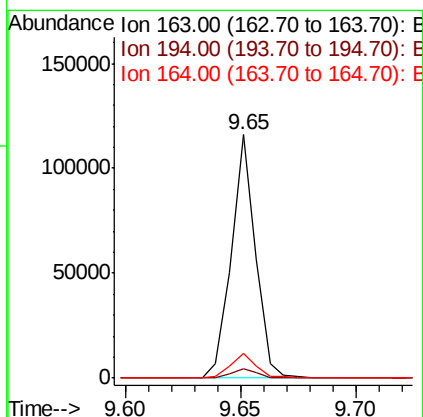
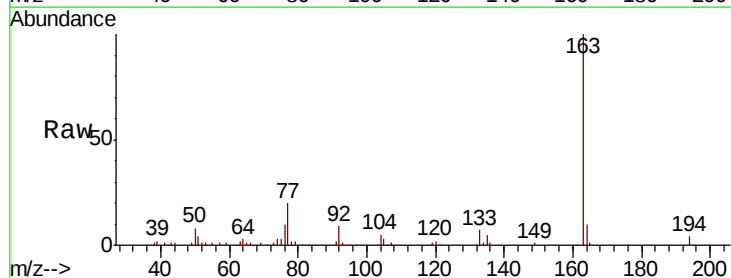
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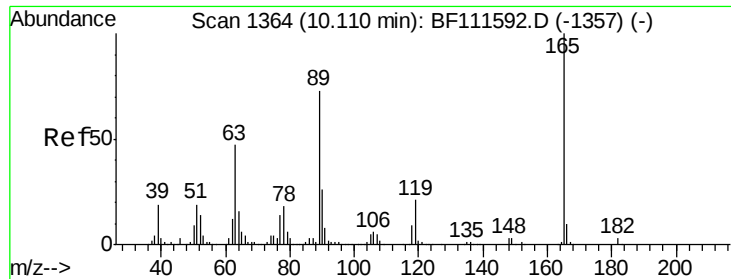
Tgt Ion:172 Resp: 730180
Ion Ratio Lower Upper
172 100
171 36.1 33.0 49.4
170 23.5 22.3 33.5



#50
Dimethylphthalate
Concen: 6.819 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion:163 Resp: 84487
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.9 13.3

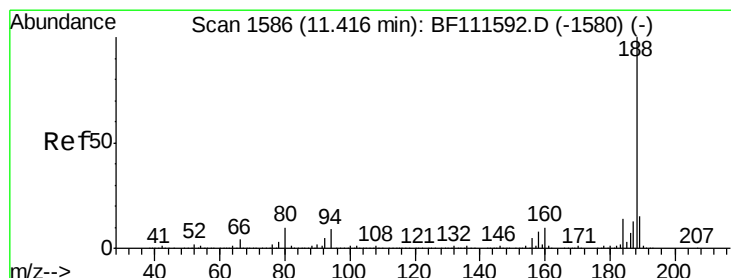
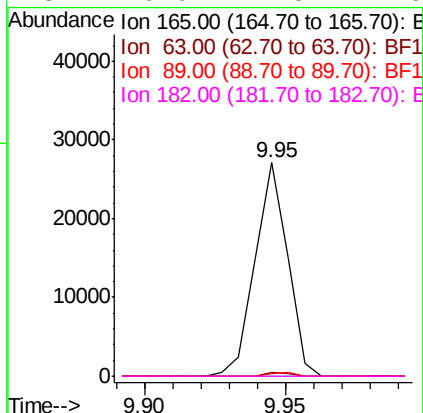
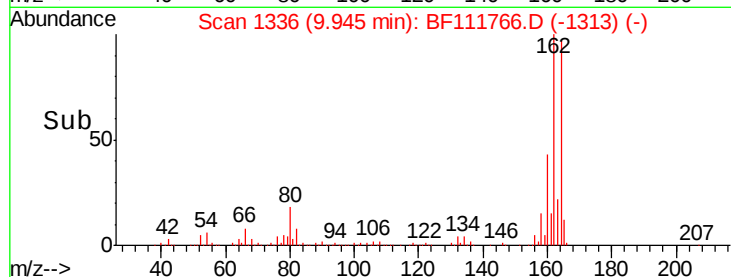
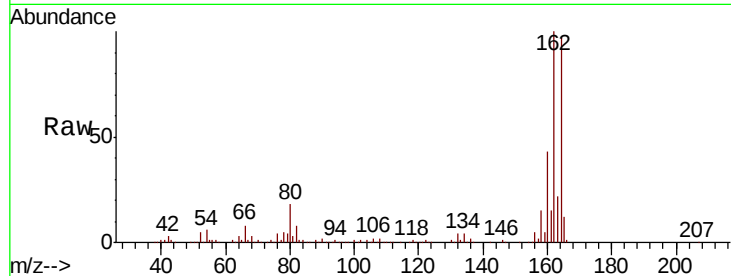




#57
2,4-Dinitrotoluene
Concen: 7.306 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.16 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

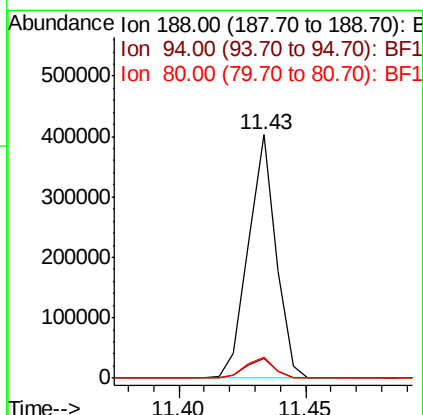
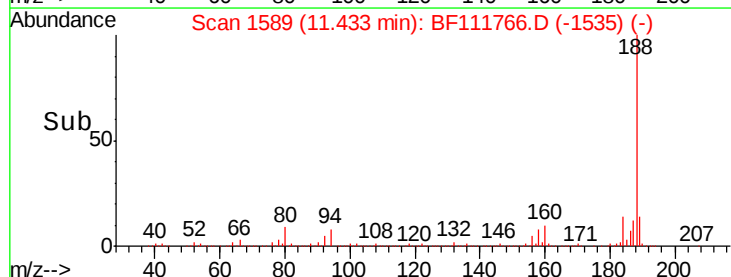
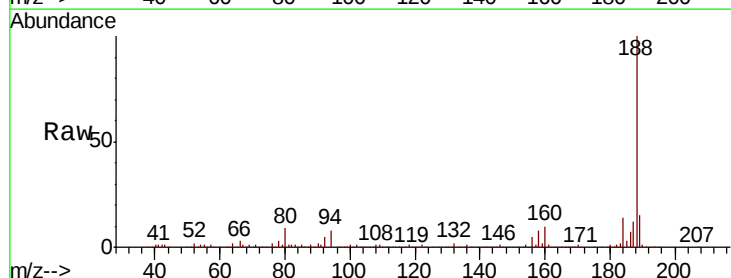
Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

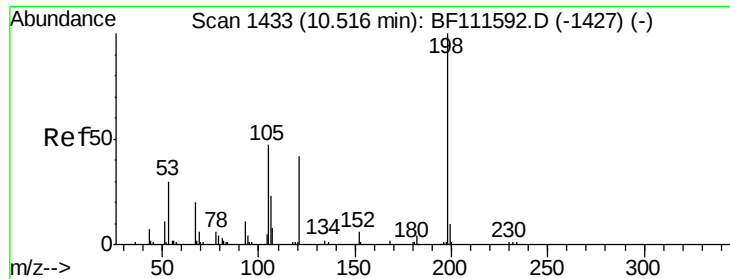
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.6	14.4#
80	8.8	9.8	14.6#

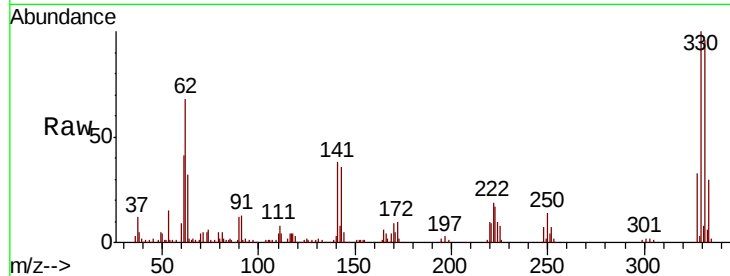




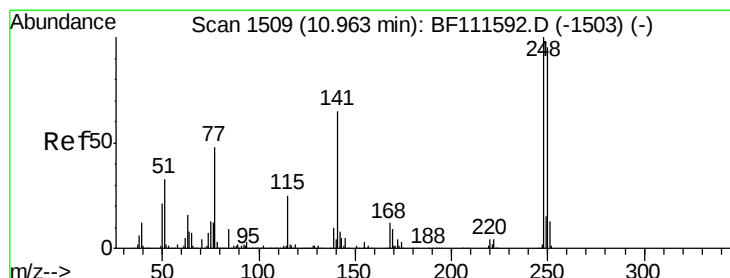
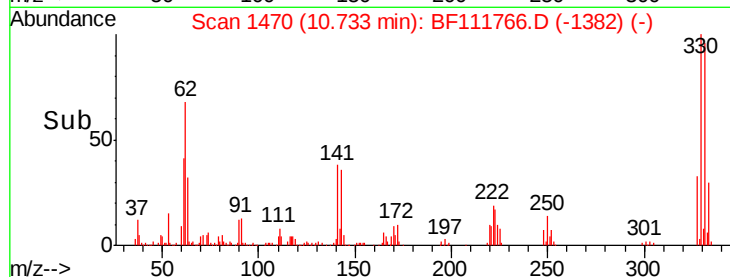
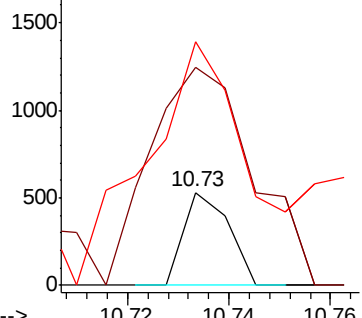
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.915 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.22 min
 Lab File: BF111766.D
 Acq: 27 Dec 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS023-0006-01

Tgt Ion:198 Resp: 327
 Ion Ratio Lower Upper
 198 100
 51 234.7 48.0 88.0#
 105 262.0 34.0 74.0#

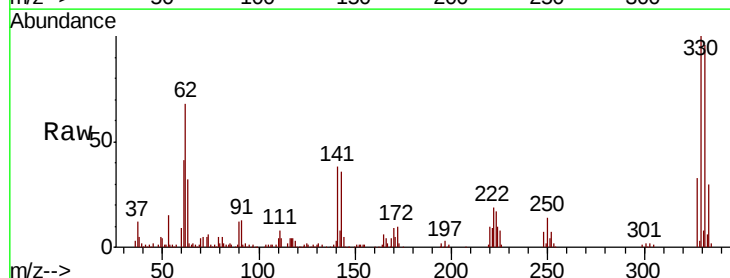


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

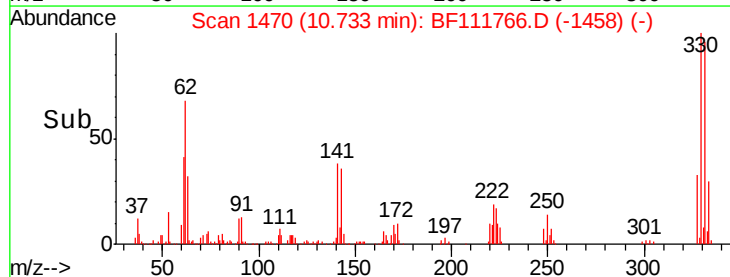
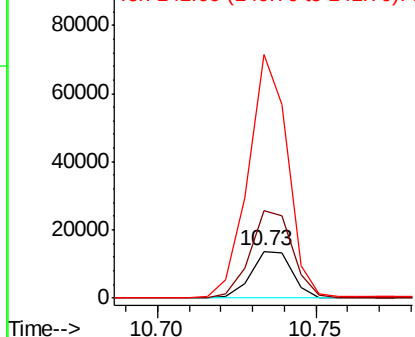


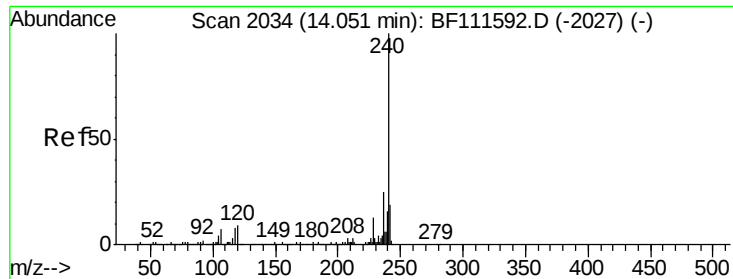
#67
 4-Bromophenyl-phenylether
 Concen: 3.271 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.23 min
 Lab File: BF111766.D
 Acq: 27 Dec 2018 16:57

Tgt Ion:248 Resp: 12460
 Ion Ratio Lower Upper
 248 100
 250 185.2 77.0 115.4#
 141 517.6 63.0 94.6#



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

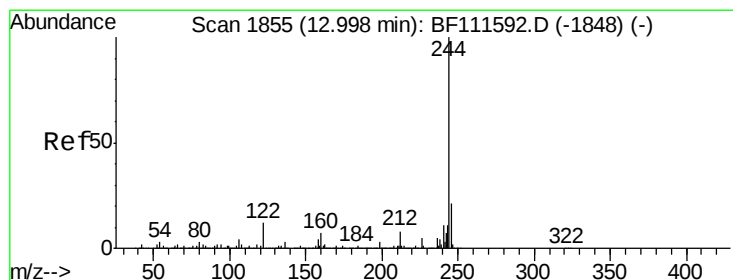
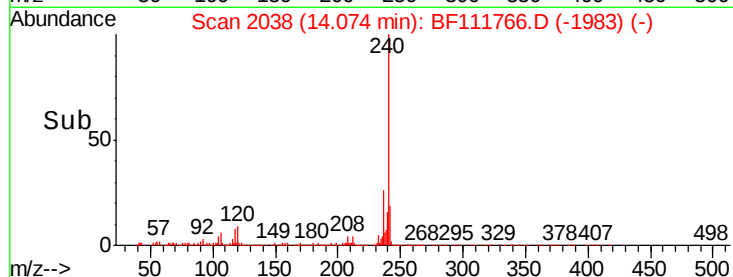
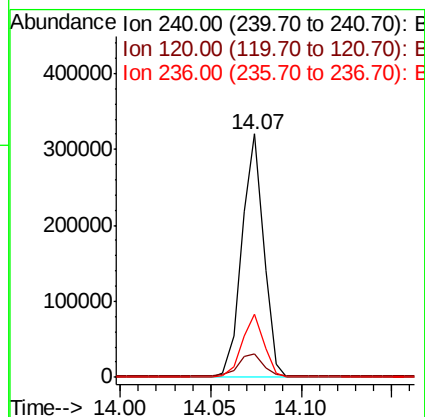
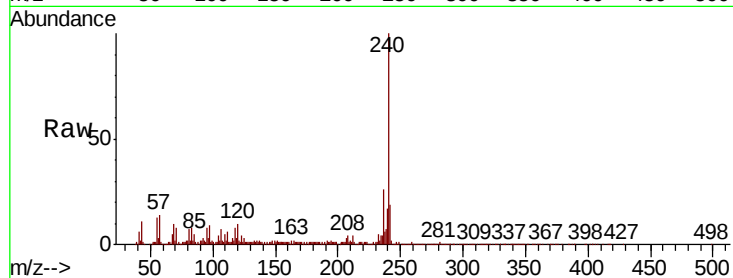




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

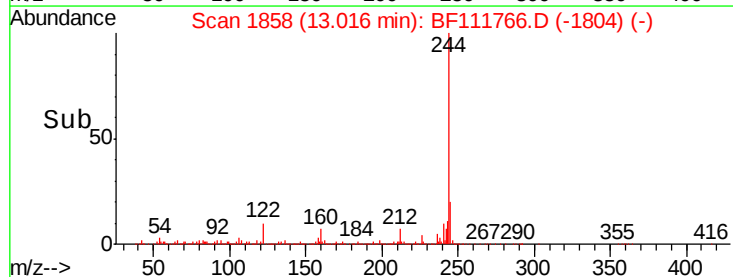
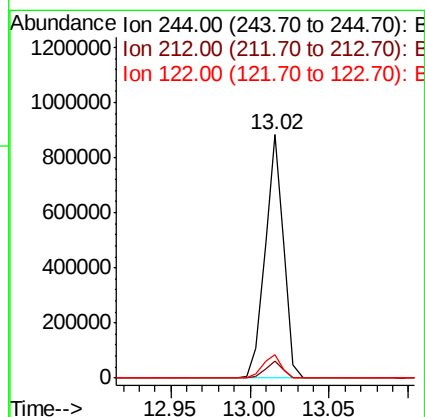
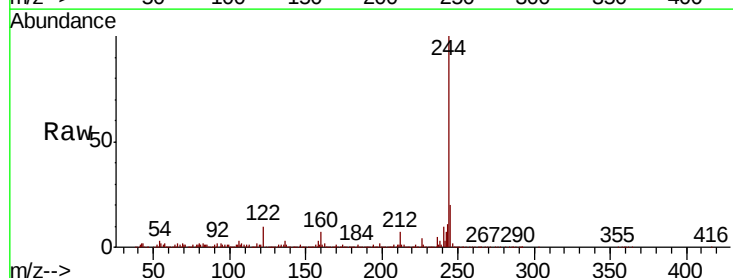
Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

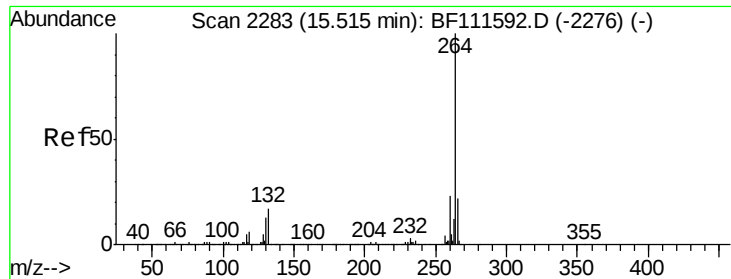
Tgt Ion:240 Resp: 266632
Ion Ratio Lower Upper
240 100
120 9.5 12.2 18.2#
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 51.012 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Tgt Ion:244 Resp: 717224
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.7 13.1 19.7#

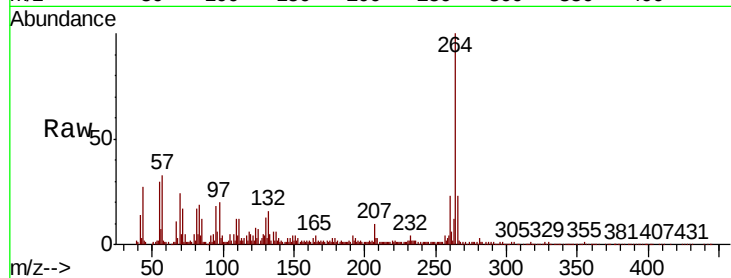




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.05 min
Lab File: BF111766.D
Acq: 27 Dec 2018 16:57

Instrument :
BNA_F
ClientSampleId :
P001-SS023-0006-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	22.9	17.7	26.5



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

