

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111645.D
 Acq On : 20 Dec 2018 18:15
 Operator : JU/SJ
 Sample : J6353-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0002-01

Quant Time: Dec 21 06:19:19 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

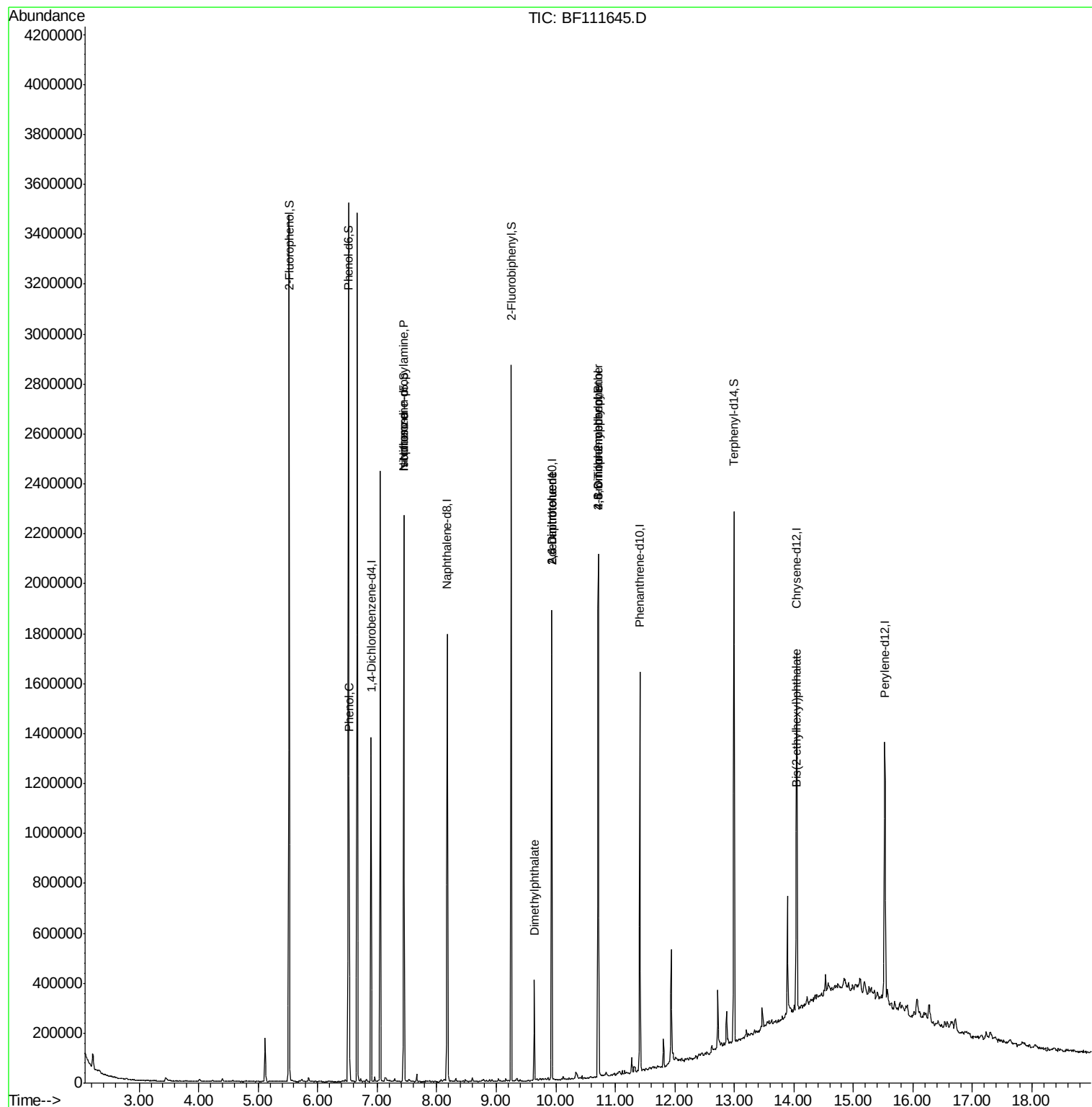
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205798	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	765838	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	368266	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	604347	20.00	ng	0.00
76) Chrysene-d12	14.04	240	495431	20.00	ng	0.00
87) Perylene-d12	15.53	264	495264	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	862521	71.44	ng	0.00
7) Phenol-d6	6.52	99	1116756	72.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	660556	50.21	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	259802	59.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	810316	32.07	ng	0.00
79) Terphenyl-d14	12.99	244	701370	26.85	ng	0.00
Target Compounds						
10) Phenol	6.53	94	93106	5.370	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	88904	8.712	ng	# 79
25) Isophorone	7.45	82	660420	28.275	ng	# 64
50) Dimethylphthalate	9.64	163	136297	5.061	ng	98
51) 2,6-Dinitrotoluene	9.93	165	47760	8.894	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	47760	7.400	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	534	6.877	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	16254	2.168	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	40121	2.233	ng	# 93

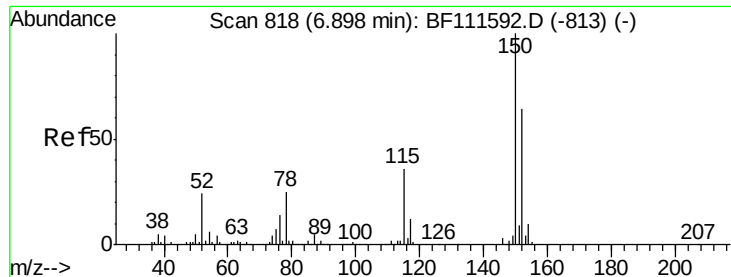
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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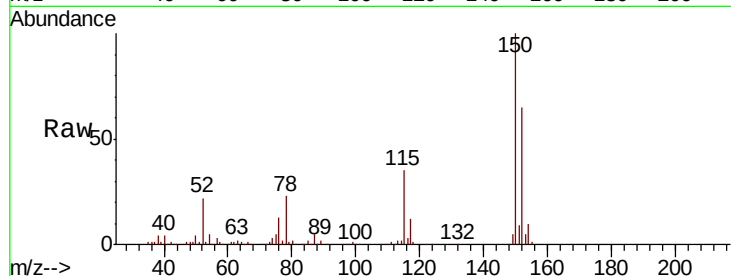


#1

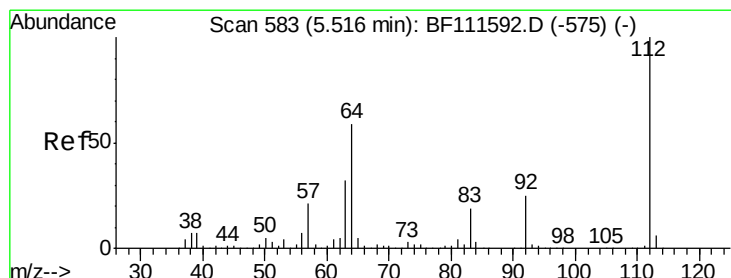
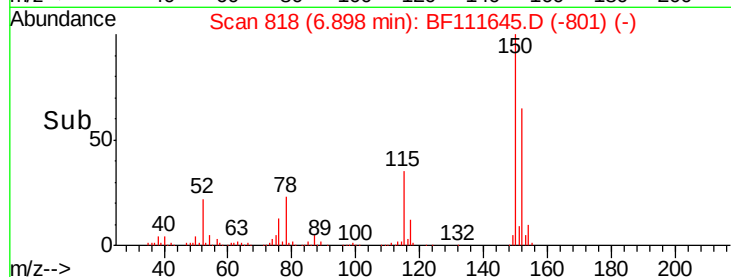
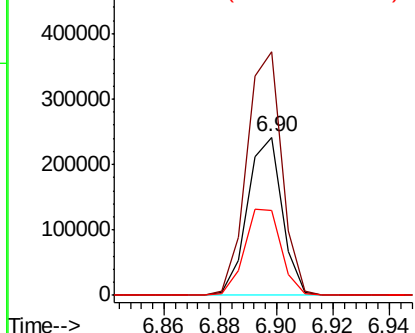
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:152 Resp: 205798
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 54.0 50.7 76.1



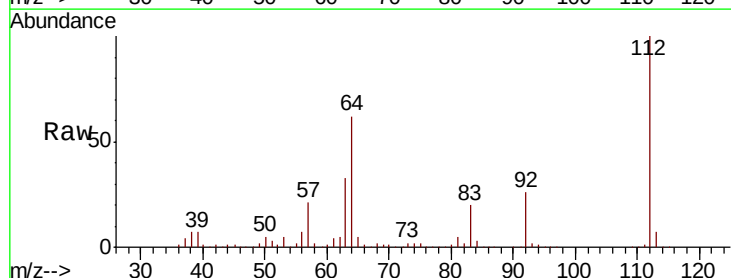
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



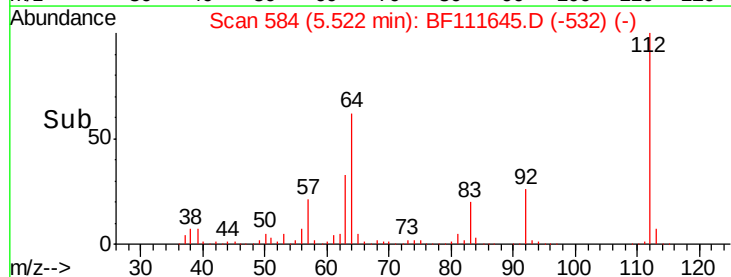
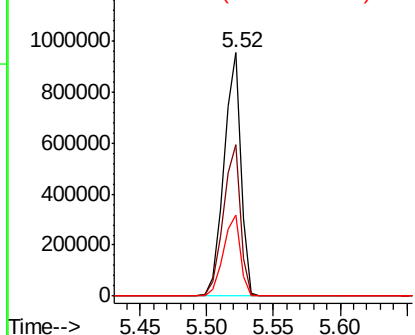
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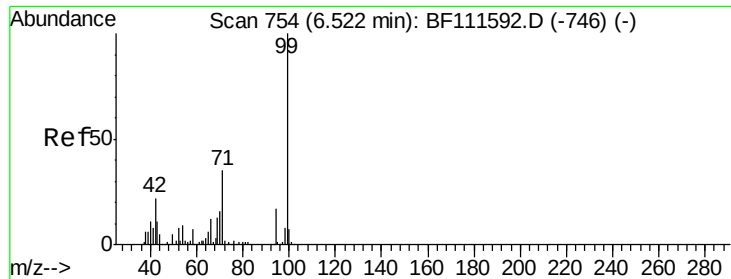
2-Fluorophenol
Concen: 71.439 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:112 Resp: 862521
Ion Ratio Lower Upper
112 100
64 62.4 51.8 77.6
63 33.1 26.8 40.2



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: 72.680 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

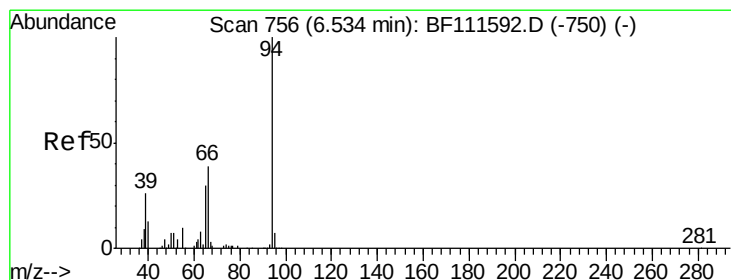
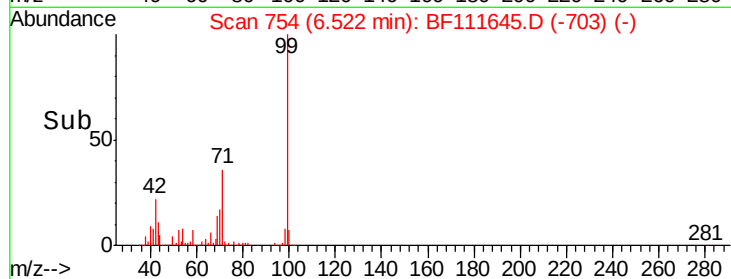
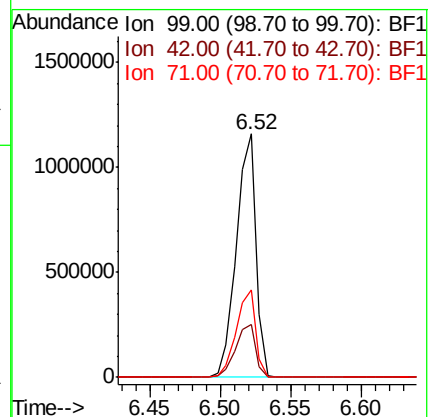
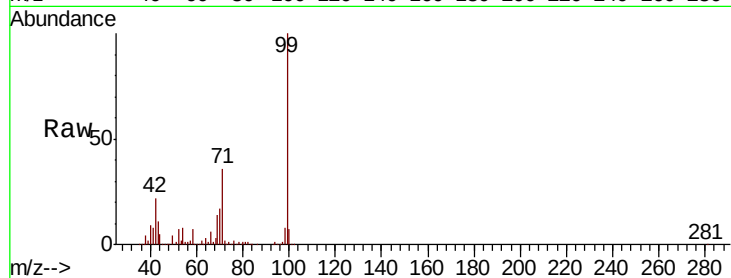
Tgt Ion: 99 Resp: 1116756

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

71 35.8 26.1 39.1



#10

Phenol

Concen: 5.370 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

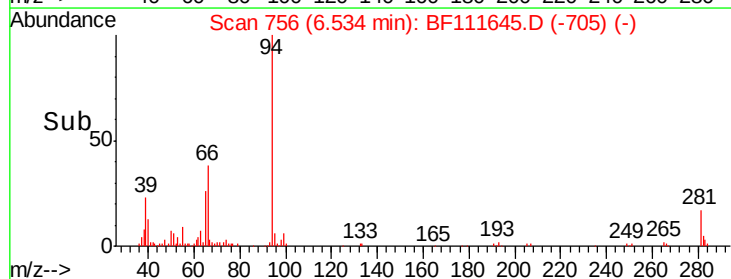
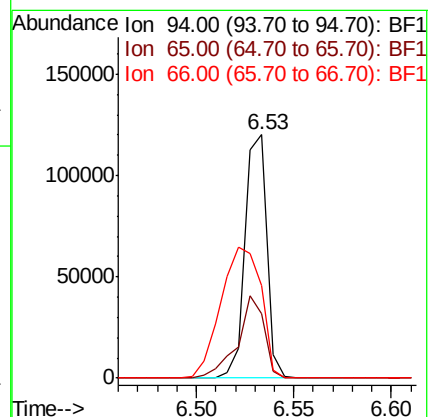
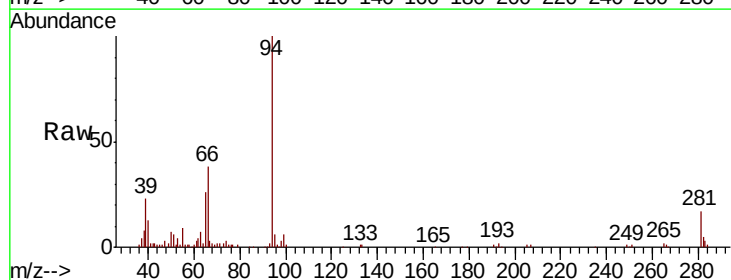
Tgt Ion: 94 Resp: 93106

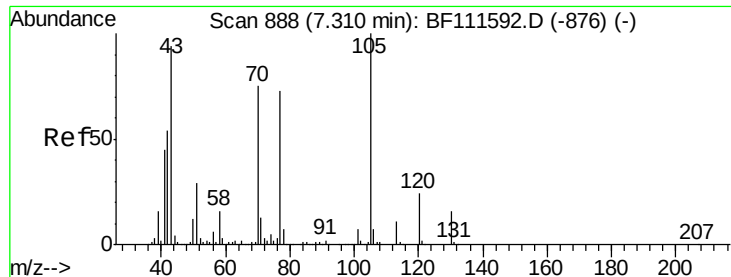
Ion Ratio Lower Upper

94 100

65 26.3 11.7 51.7

66 38.0 21.0 61.0

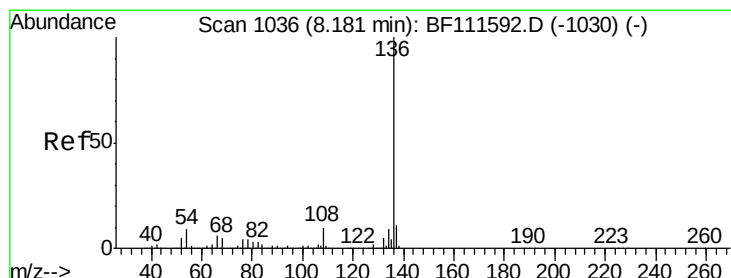
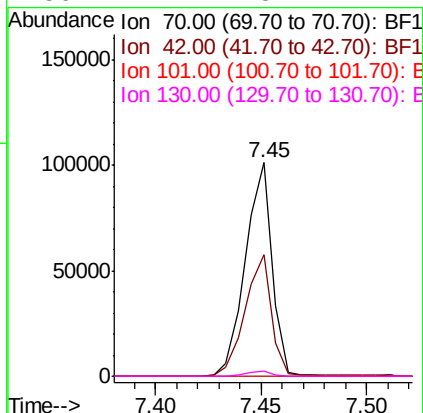
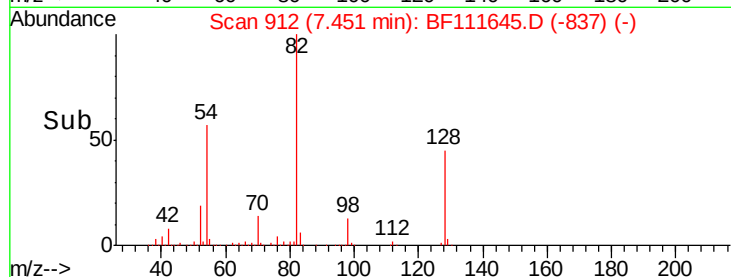
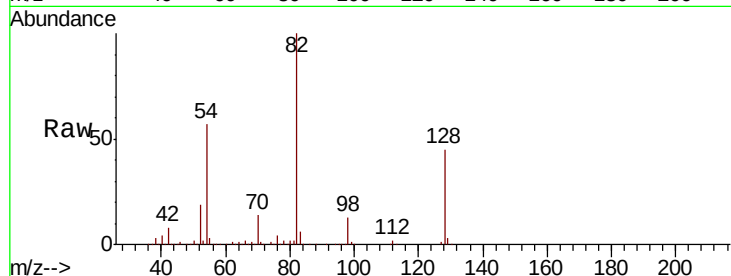




#19
n-Nitroso-di-n-propylamine
Concen: 8.712 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

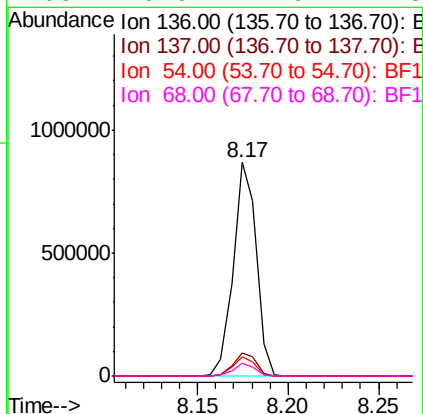
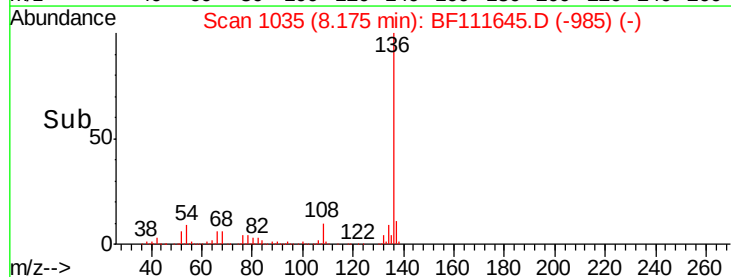
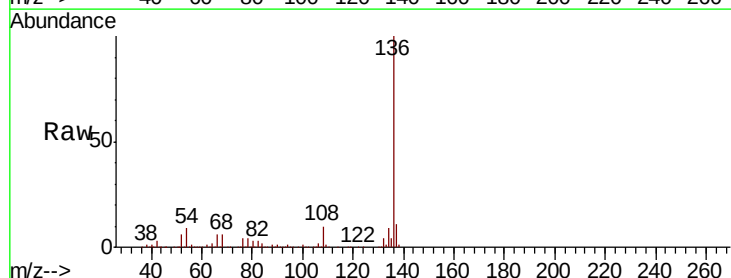
Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

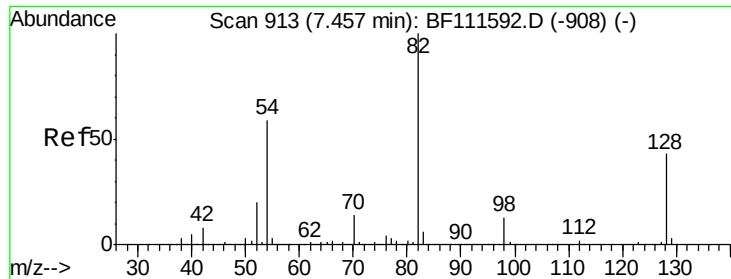
Tgt Ion: 70 Resp: 88904
Ion Ratio Lower Upper
70 100
42 56.8 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion: 136 Resp: 765838
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.2 7.7 11.5
68 5.9 4.9 7.3

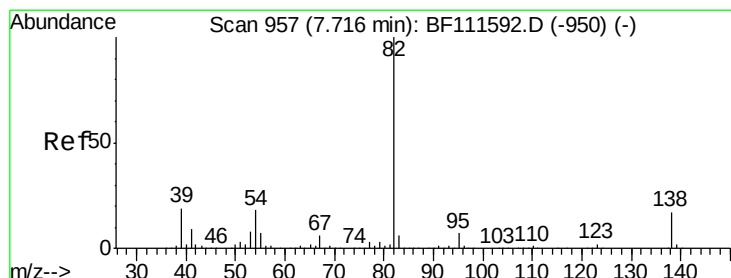
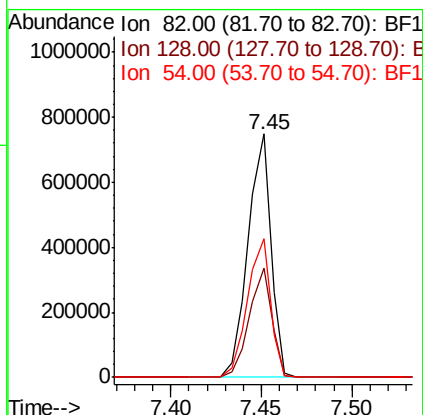
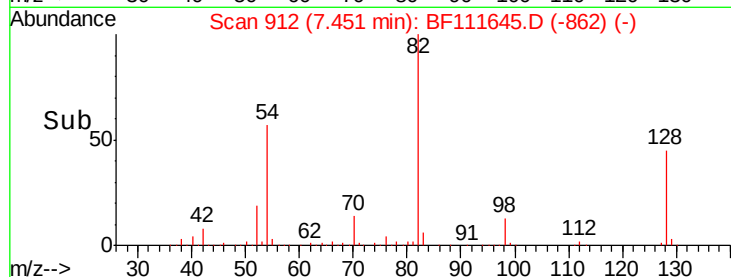
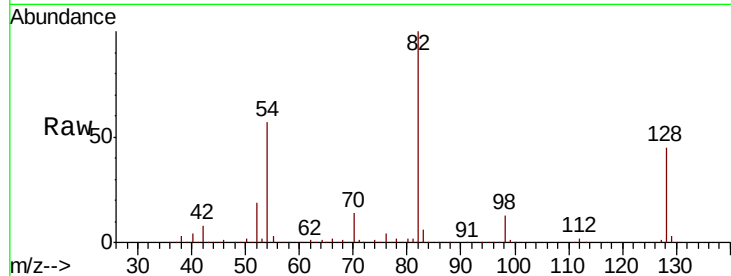




#23
Nitrobenzene-d5
Concen: 50.206 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

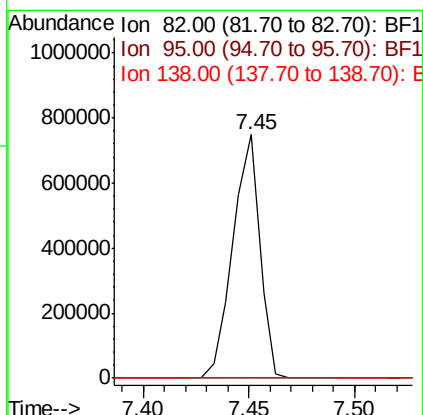
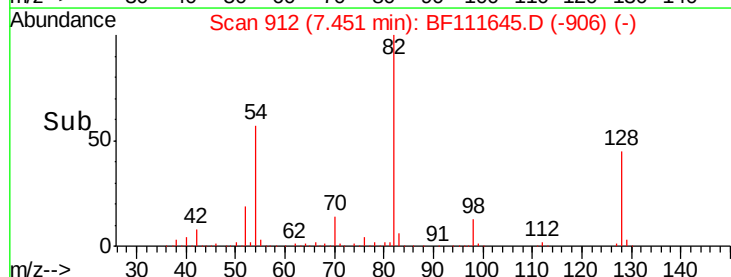
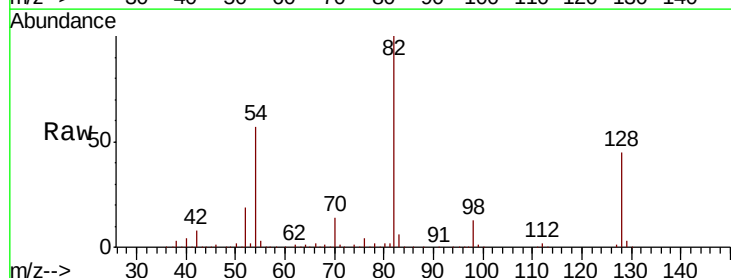
Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

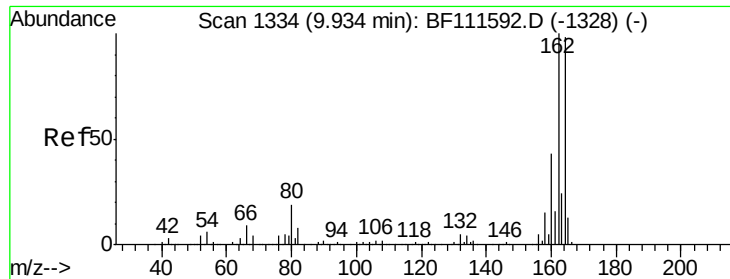
Tgt Ion: 82 Resp: 660556
Ion Ratio Lower Upper
82 100
128 45.0 37.4 56.2
54 56.7 47.6 71.4



#25
Isophorone
Concen: 28.275 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion: 82 Resp: 660420
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

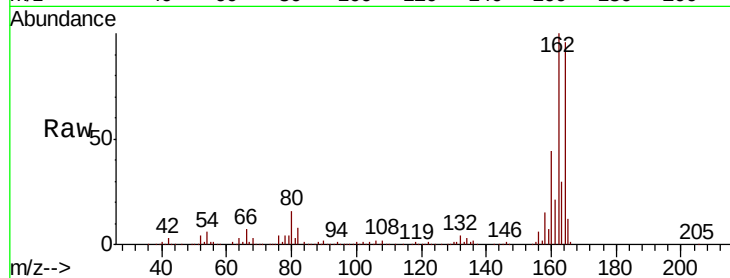




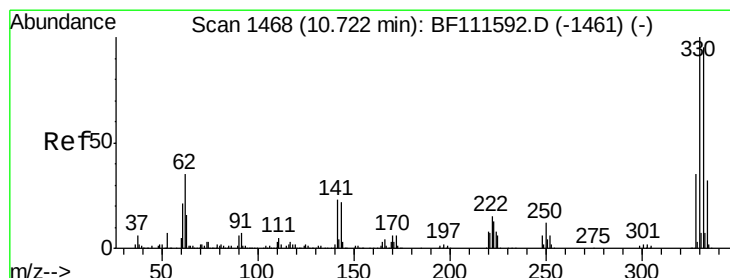
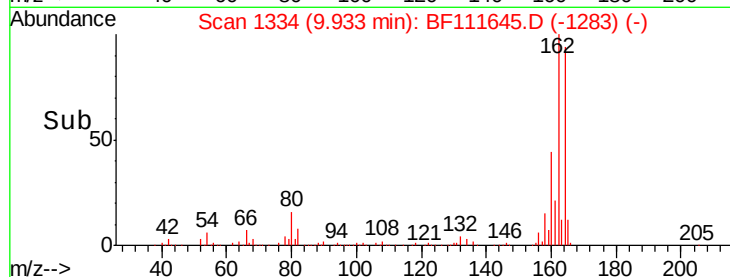
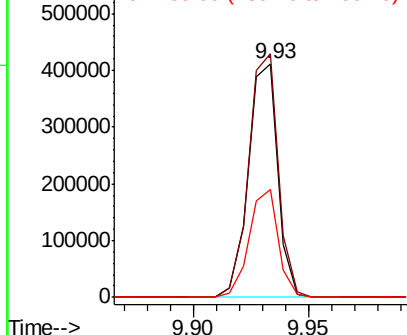
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111645.D
 Acq: 20 Dec 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0002-01

Tgt Ion:164 Resp: 368266
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.4 122.0
 160 46.3 35.7 53.5

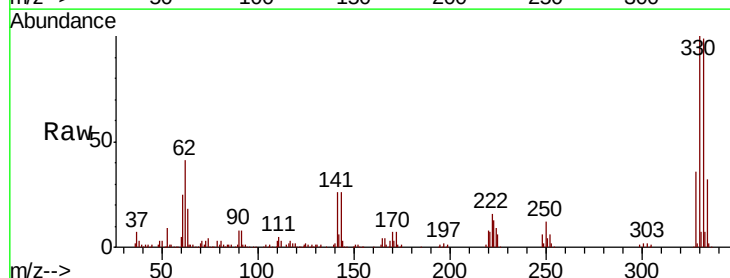


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

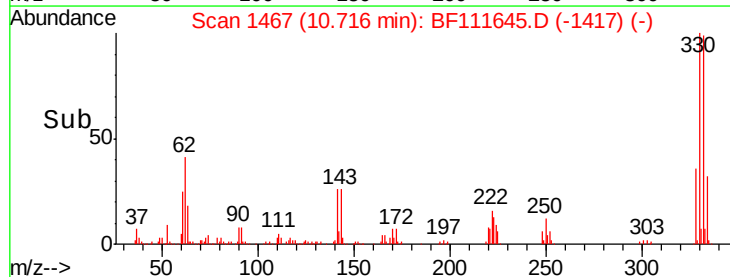
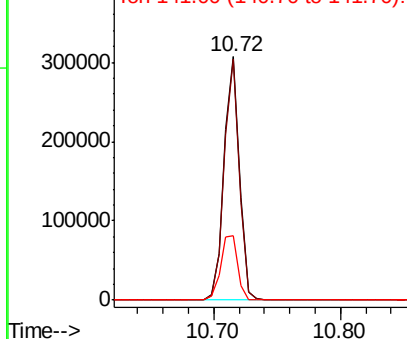


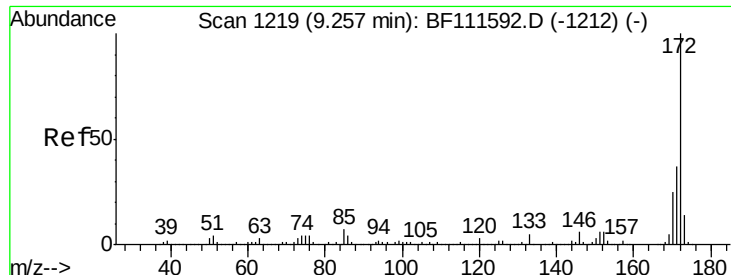
#42
 2,4,6-Tribromophenol
 Concen: 59.706 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111645.D
 Acq: 20 Dec 2018 18:15

Tgt Ion:330 Resp: 259802
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.0 114.0
 141 29.4 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

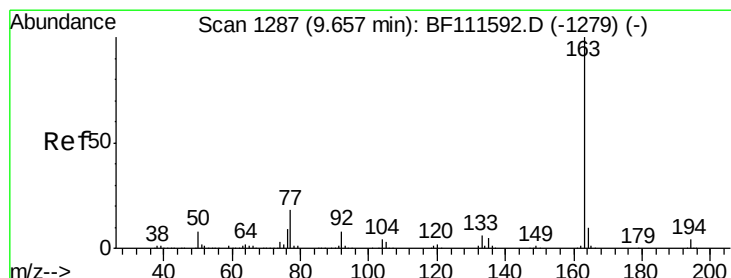
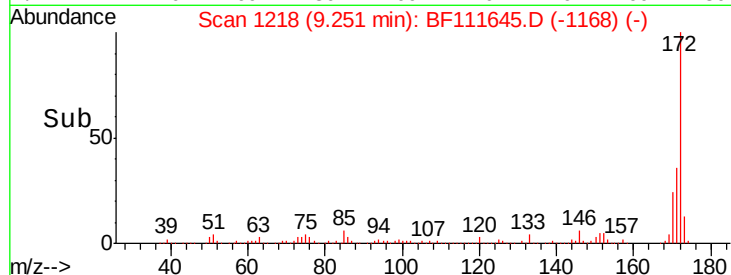
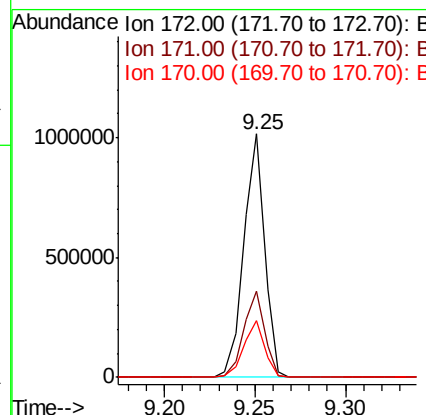
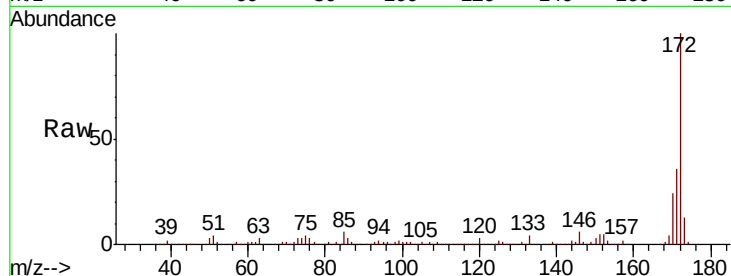




#45
2-Fluorobiphenyl
Concen: 32.072 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

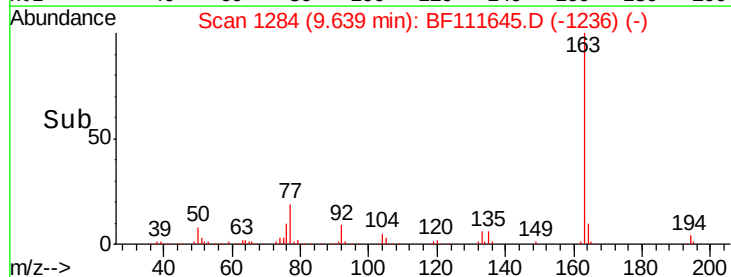
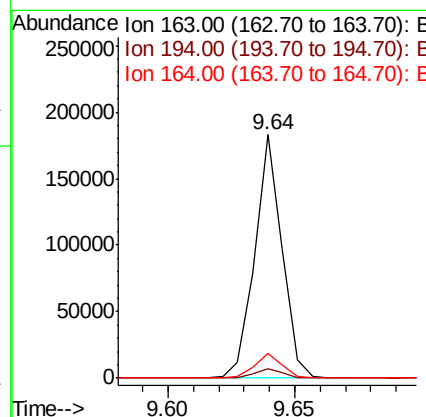
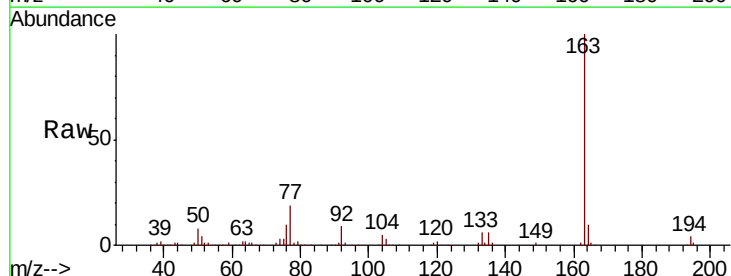
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ClientSampleId :
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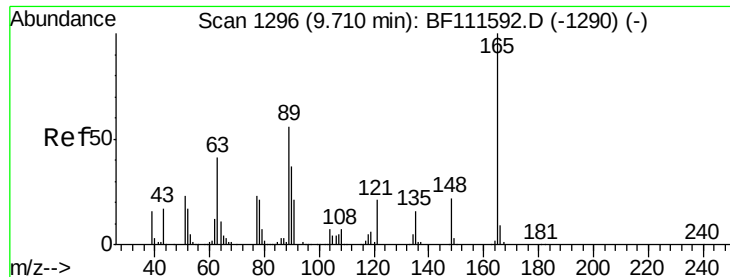
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.5	22.3	33.5



#50
Dimethylphthalate
Concen: 5.061 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 8.894 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

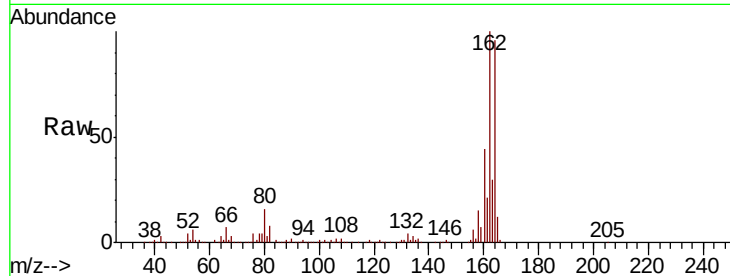
Tgt Ion:165 Resp: 47760

Ion Ratio Lower Upper

165 100

63 1.2 40.5 60.7#

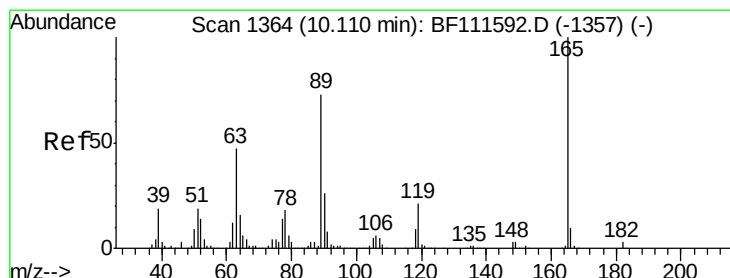
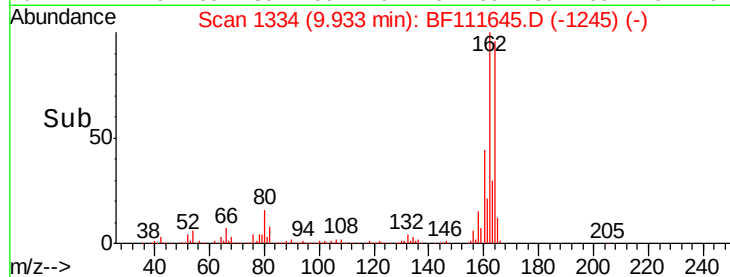
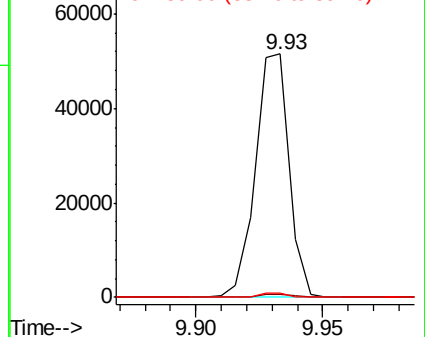
89 1.6 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 7.400 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Tgt Ion:165 Resp: 47760

Ion Ratio Lower Upper

165 100

63 1.2 34.6 52.0#

89 1.6 56.2 84.4#

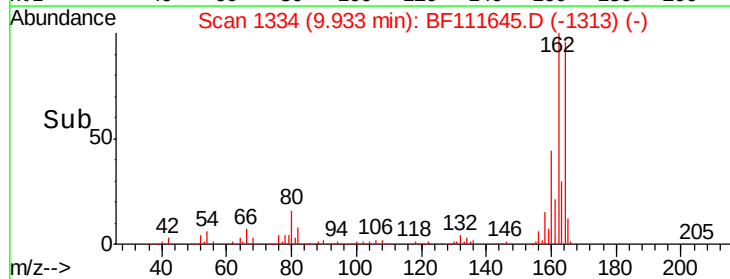
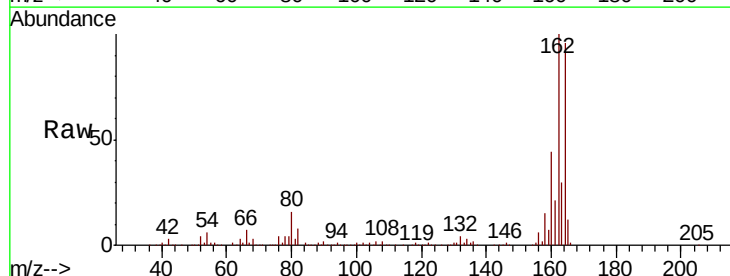
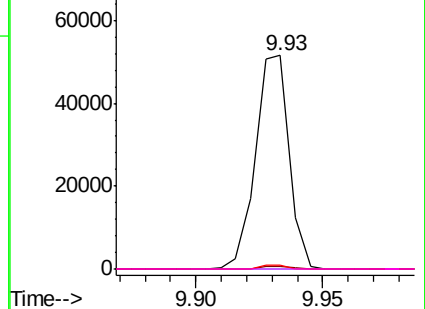
182 0.0 1.8 2.6#

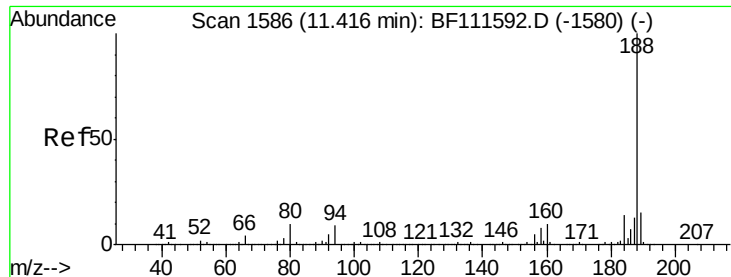
Abundance Ion 165.00 (164.70 to 165.70): E

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

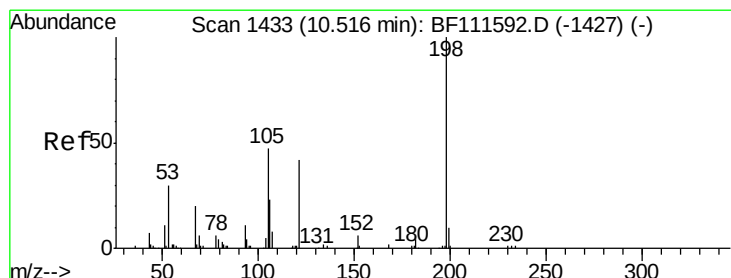
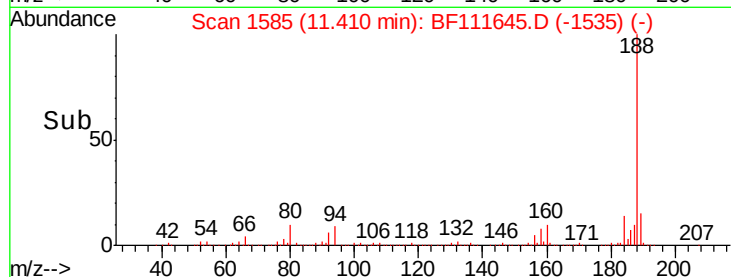
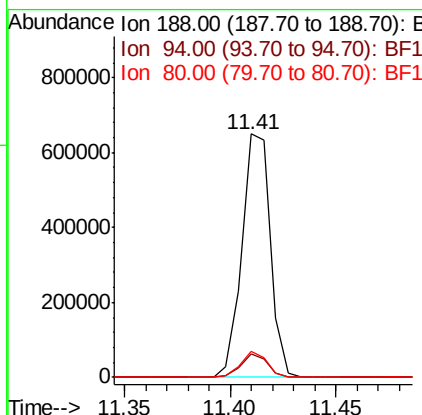
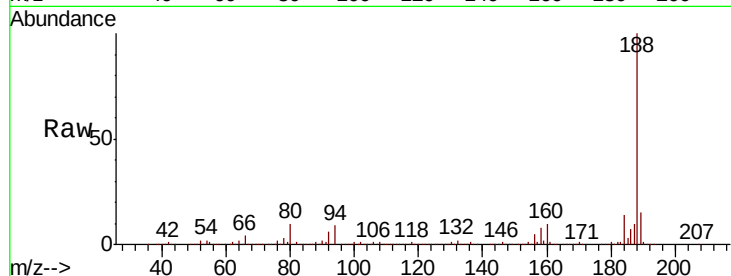




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

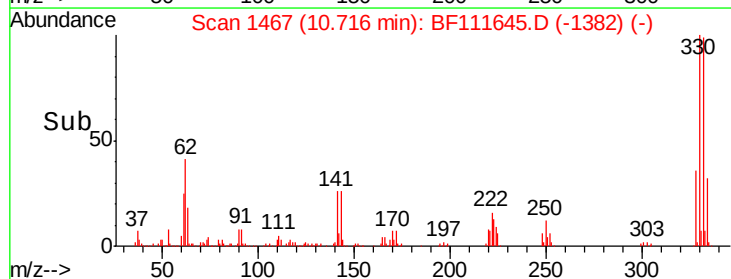
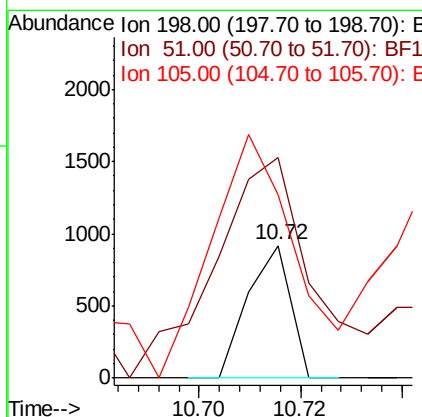
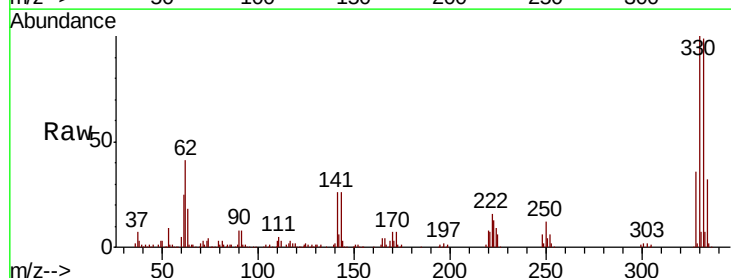
Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

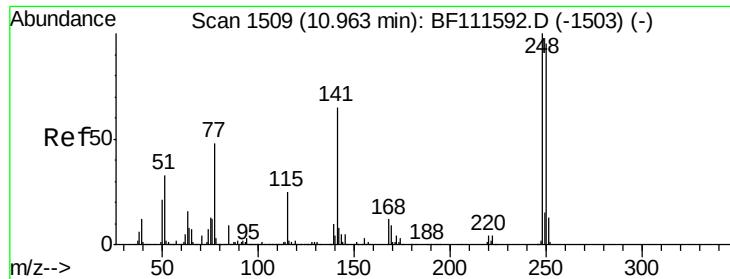
Tgt Ion:188 Resp: 604347
Ion Ratio Lower Upper
188 100
94 9.5 9.6 14.4#
80 10.4 9.8 14.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.877 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:198 Resp: 534
Ion Ratio Lower Upper
198 100
51 167.2 48.0 88.0#
105 138.4 34.0 74.0#

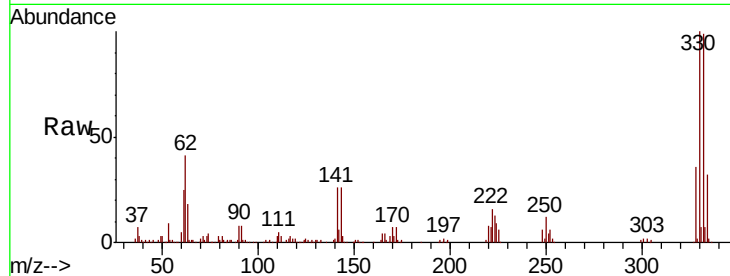




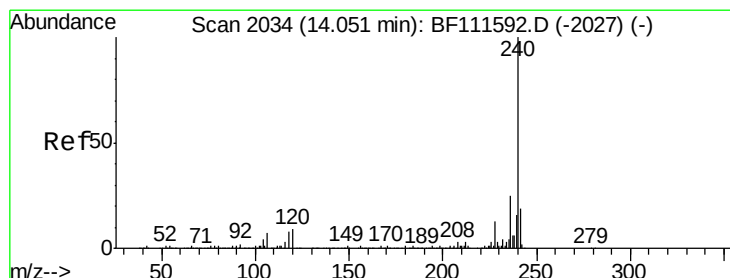
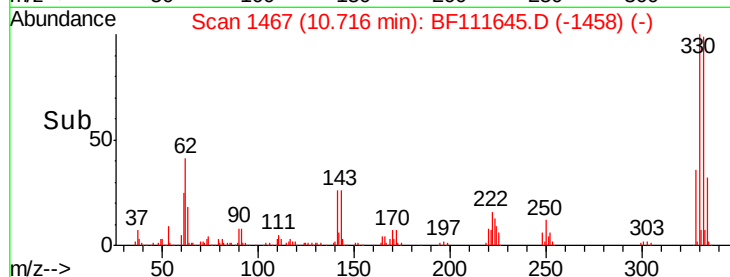
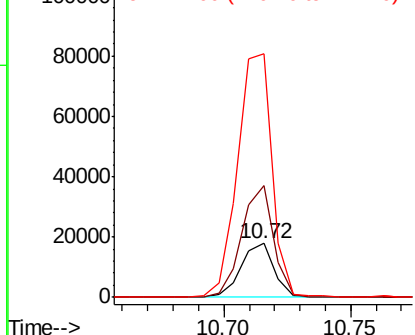
#67
4-Bromophenyl-phenylether
Concen: 2.168 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

Tgt Ion:248 Resp: 16254
Ion Ratio Lower Upper
248 100
250 205.6 77.0 115.4#
141 450.0 63.0 94.6#

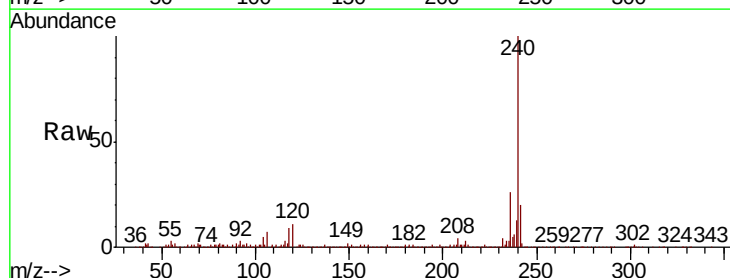


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

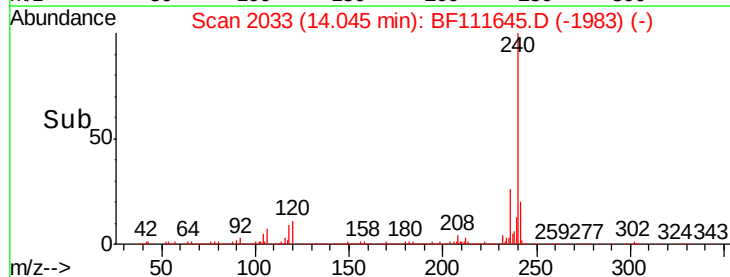
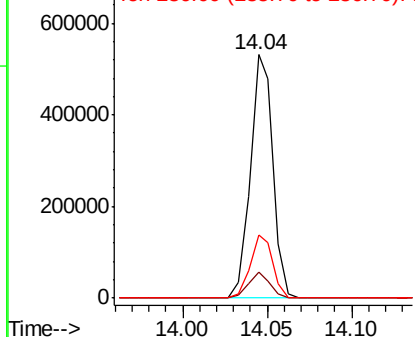


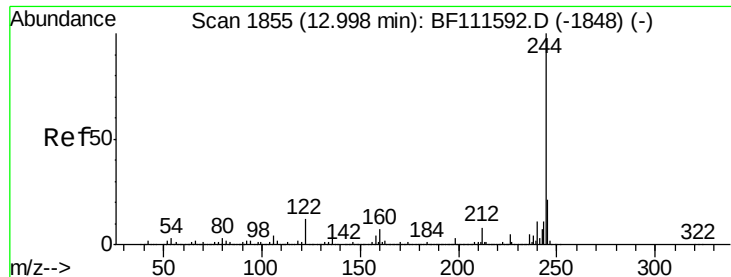
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:240 Resp: 495431
Ion Ratio Lower Upper
240 100
120 10.7 12.2 18.2#
236 25.8 20.2 30.2



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: 26.847 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

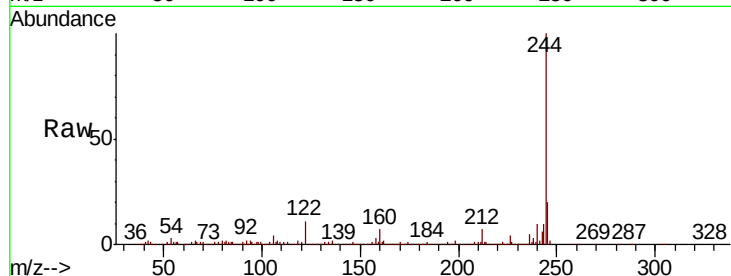
Tgt Ion:244 Resp: 701370

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

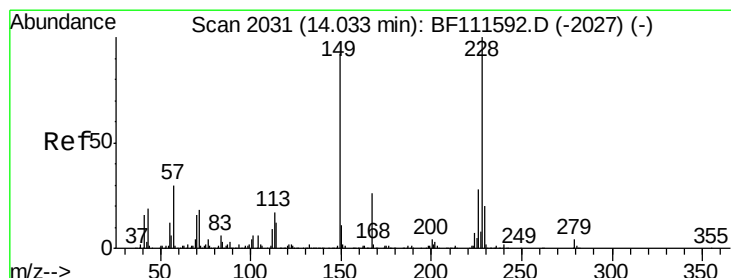
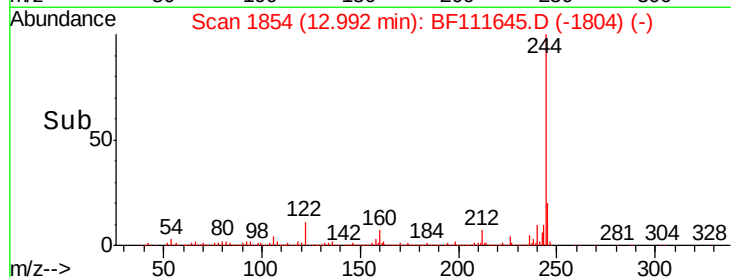
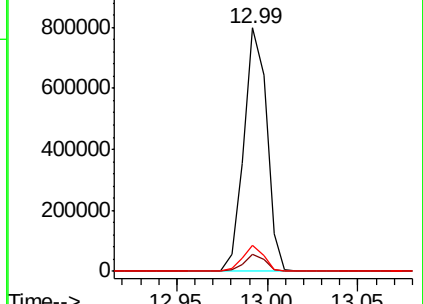
122 10.6 13.1 19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.233 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

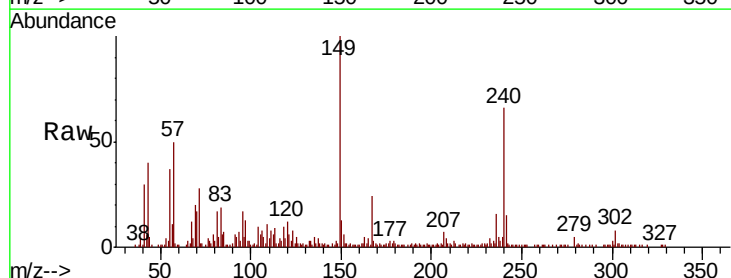
Tgt Ion:149 Resp: 40121

Ion Ratio Lower Upper

149 100

167 24.1 22.5 33.7

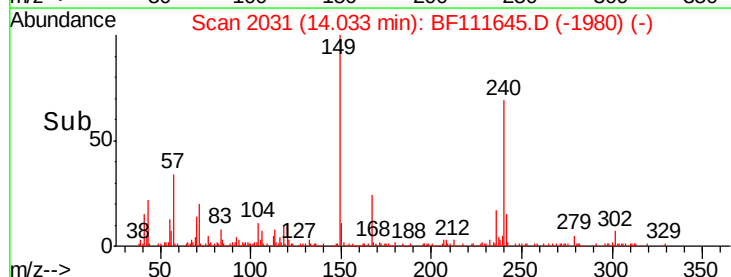
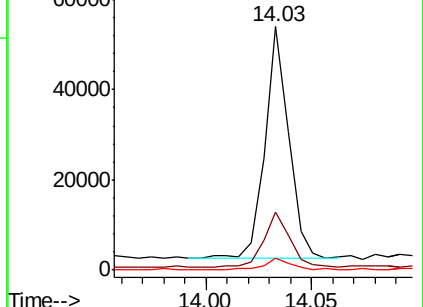
279 5.0 2.6 4.0#

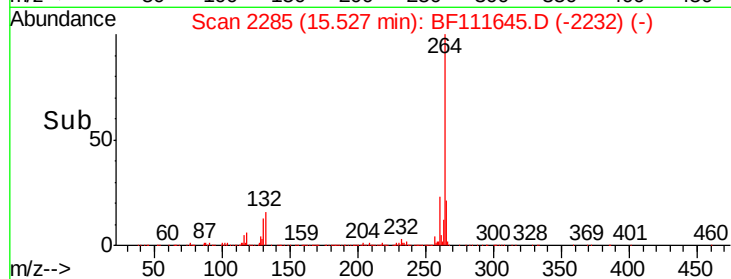
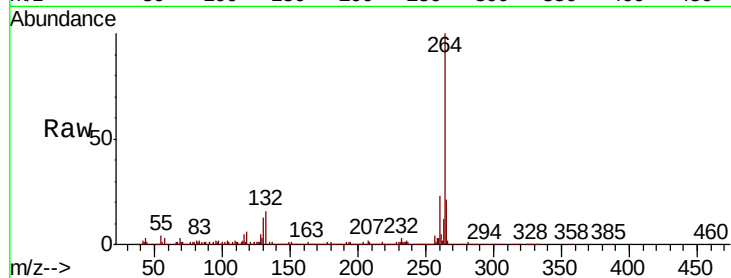
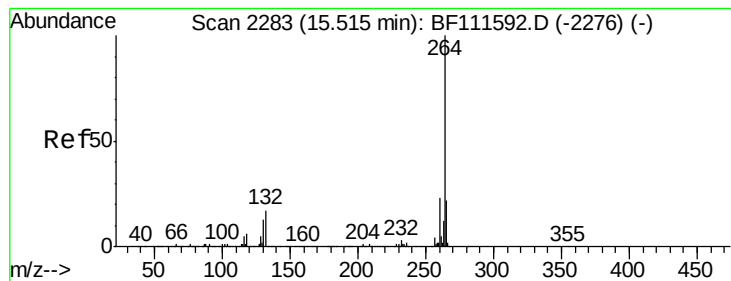


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

Tgt Ion: 264 Resp: 495264

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.0 17.7 26.5

