

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111741.D
 Acq On : 27 Dec 2018 3:51
 Operator : JU/SJ
 Sample : J6446-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

Quant Time: Dec 27 04:33:25 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	135663	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	459023	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	204587	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	400981	20.00	ng	0.01
76) Chrysene-d12	14.07	240	283868	20.00	ng	0.02
87) Perylene-d12	15.56	264	224929	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	788707	99.10	ng	0.02
7) Phenol-d6	6.55	99	949560	93.75	ng	0.02
23) Nitrobenzene-d5	7.46	82	562507	71.33	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	257297	106.44	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1014942	72.31	ng	0.00
79) Terphenyl-d14	13.01	244	1041082	69.55	ng	0.01

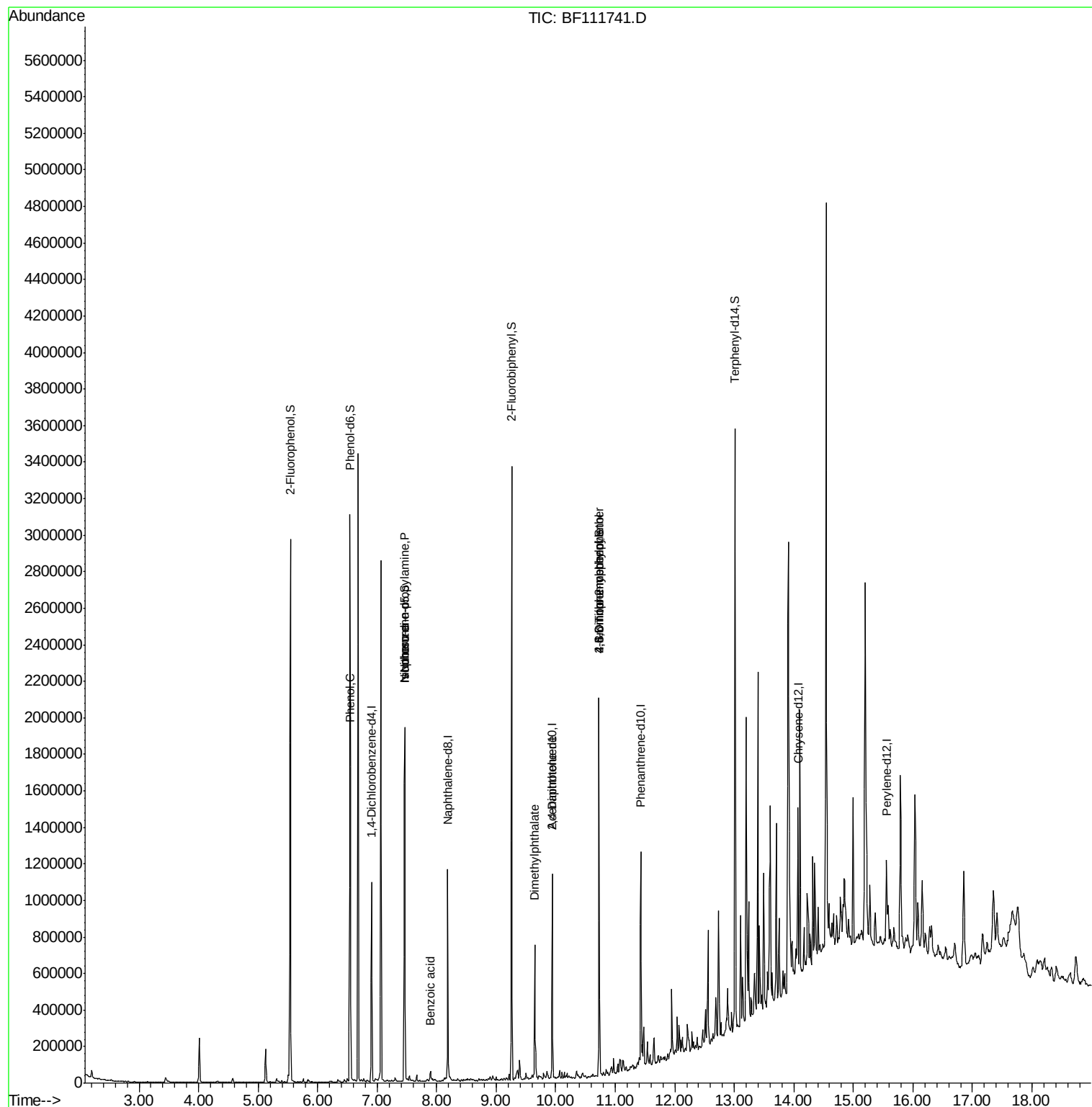
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	67841	5.936	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	77595	11.535	ng	# 77
25) Isophorone	7.46	82	560698	40.050	ng	# 64
32) Benzoic acid	7.90	122	12839	2.939	ng	100
50) Dimethylphthalate	9.65	163	278818	18.637	ng	98
57) 2,4-Dinitrotoluene	9.94	165	25922	7.230	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.73	198	693	7.053	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	15430	3.102	ng	# 1

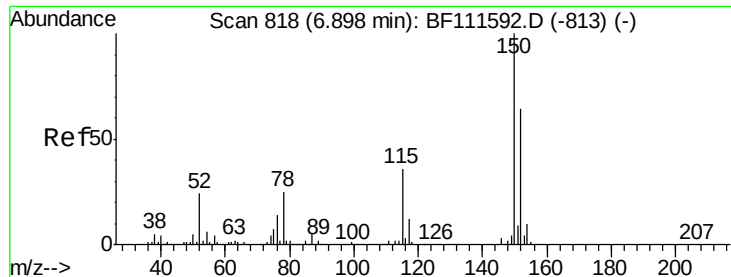
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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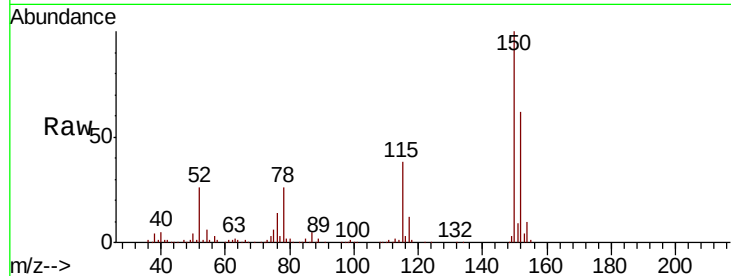


#1

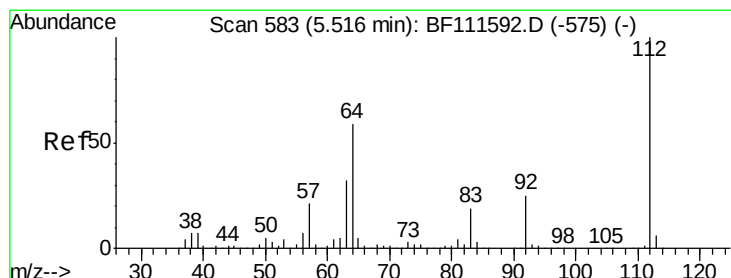
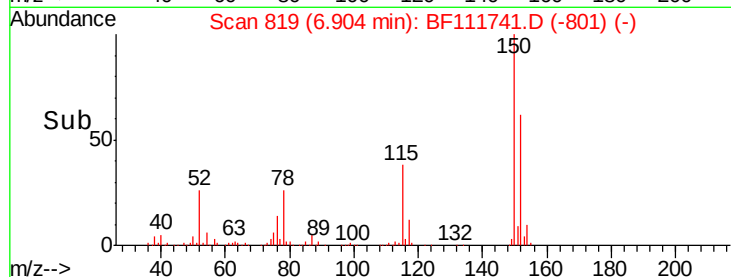
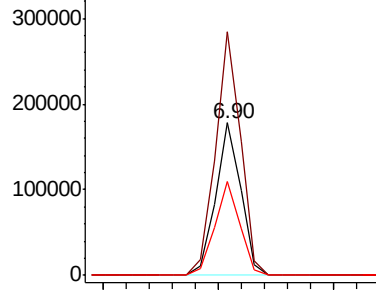
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

Tot Ion:152 Resp: 135663
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 61.5 50.7 76.1



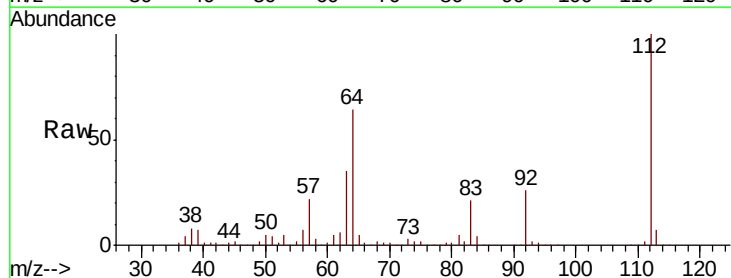
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



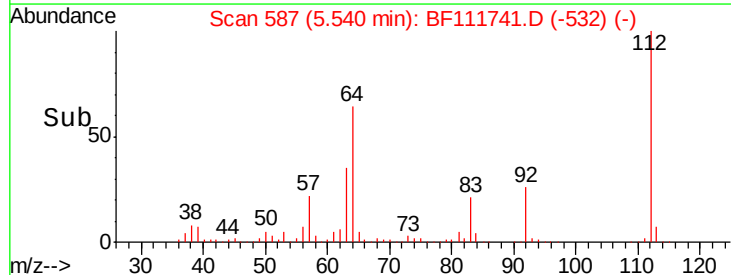
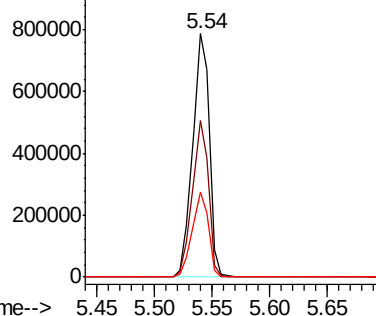
#5

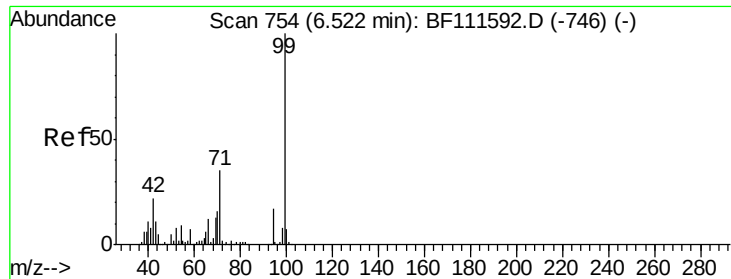
2-Fluorophenol
Concen: 99.097 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Tgt Ion:112 Resp: 788707
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.6
63 34.9 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: 93.747 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

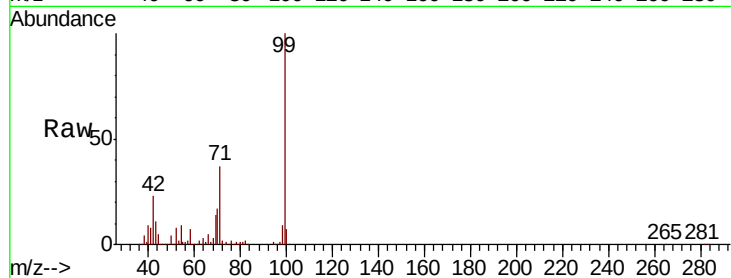
Tot Ion: 99 Resp: 949560

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

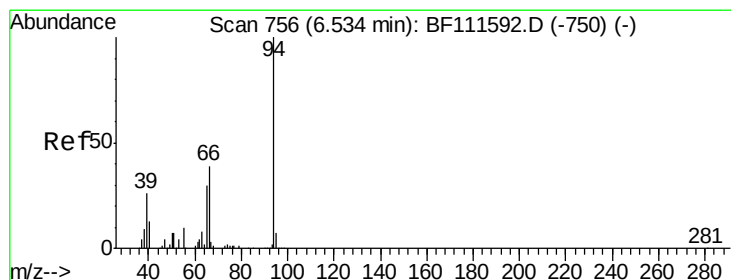
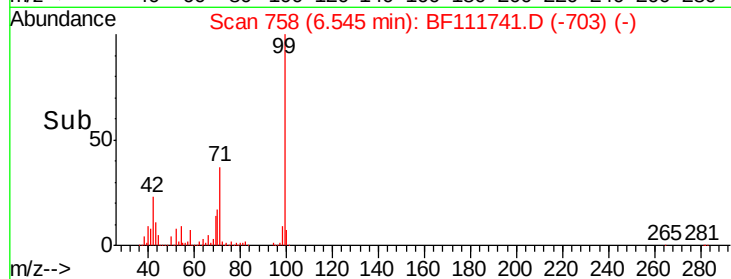
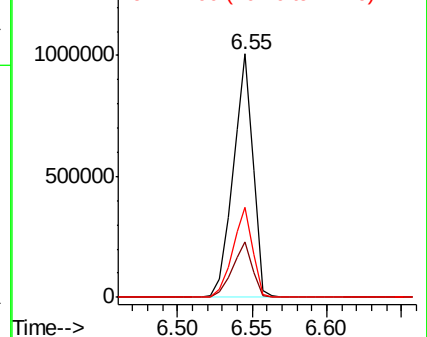
71 37.0 26.1 39.1



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: 5.936 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

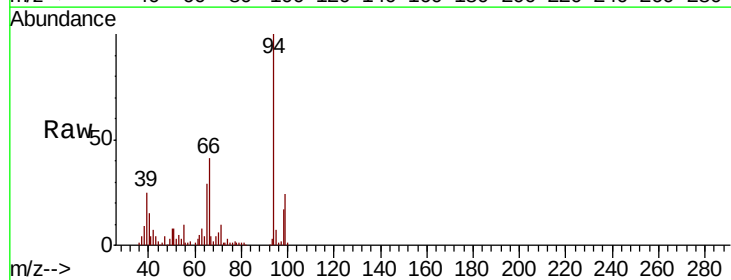
Tgt Ion: 94 Resp: 67841

Ion Ratio Lower Upper

94 100

65 29.0 11.7 51.7

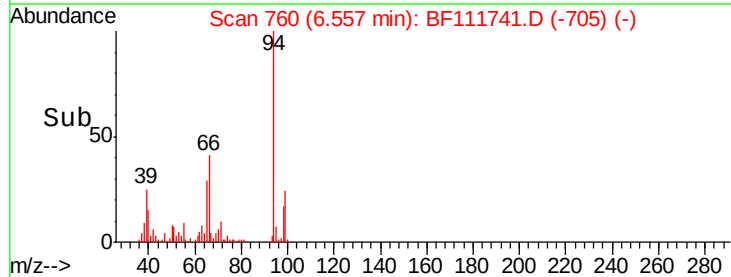
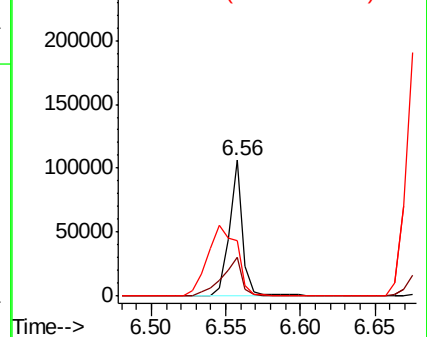
66 41.2 21.0 61.0

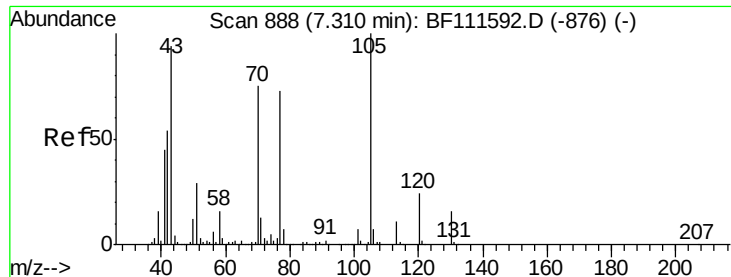


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

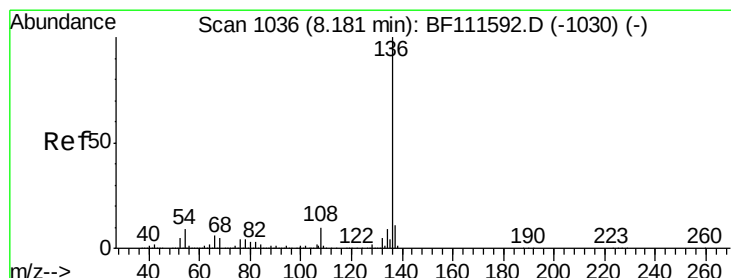
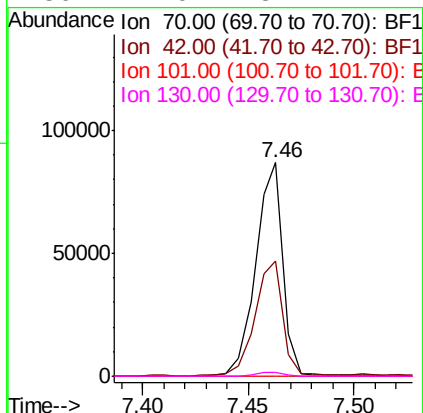
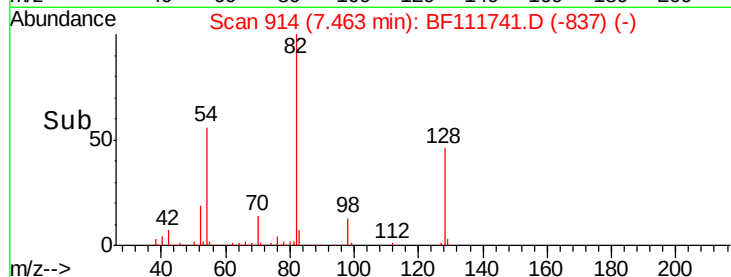
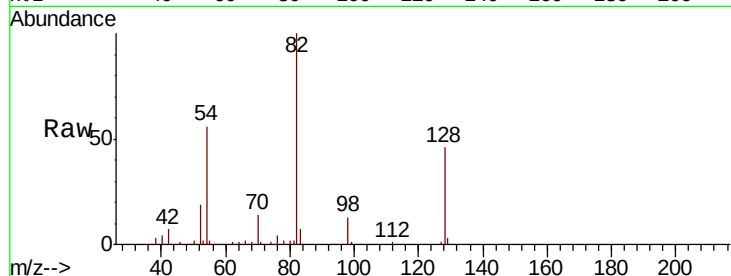




#19
n-Nitroso-di-n-propylamine
Concen: 11.535 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

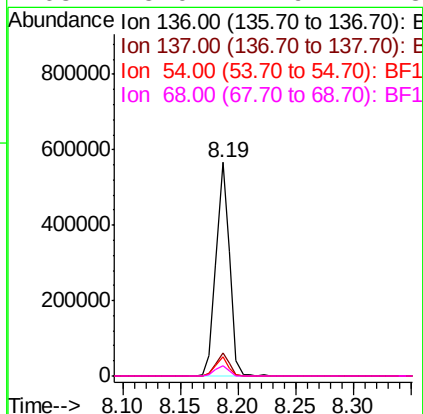
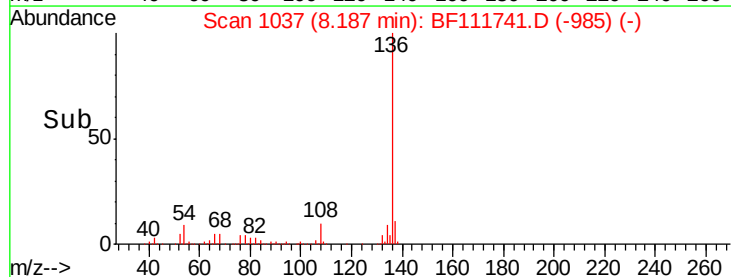
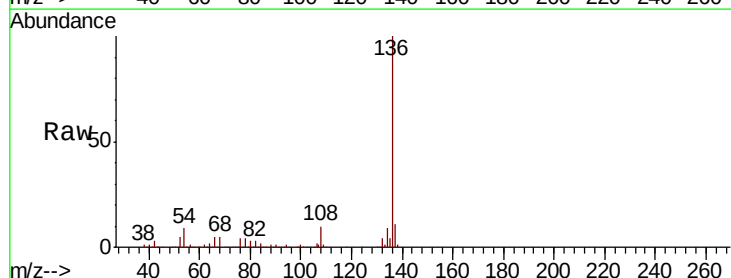
Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

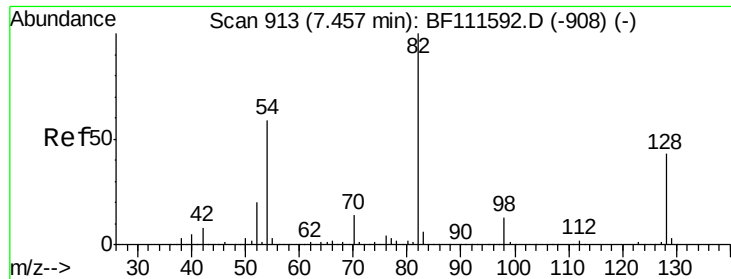
Tot Ion: 70 Resp: 77595
Ion Ratio Lower Upper
70 100
42 53.7 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Tgt Ion: 136 Resp: 459023
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.8 7.7 11.5
68 5.0 4.9 7.3

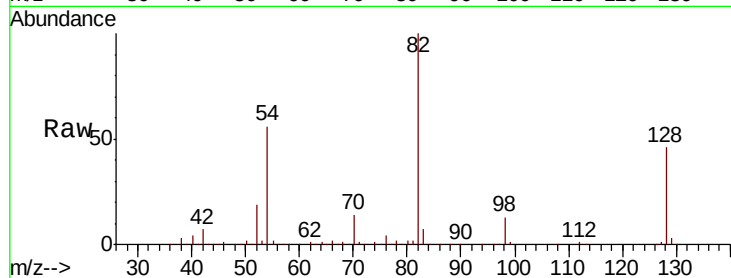




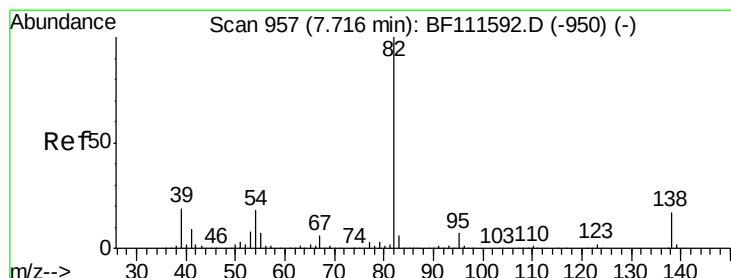
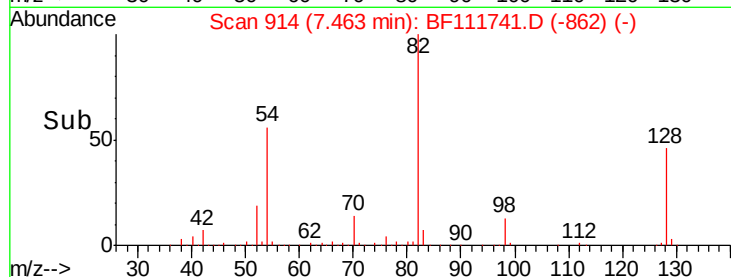
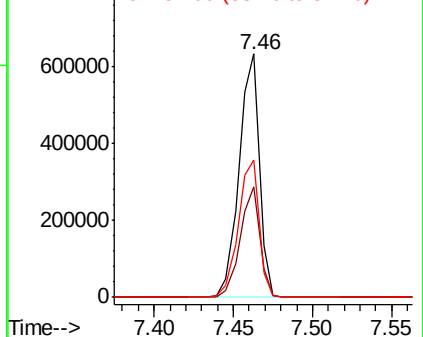
#23
 Nitrobenzene-d5
 Concen: 71.330 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

Tot Ion	82	Resp	562507
Ion Ratio	Lower	Upper	
82	100		
128	45.5	37.4	56.2
54	56.5	47.6	71.4

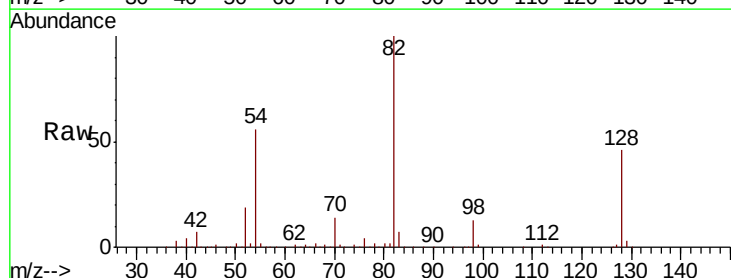


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

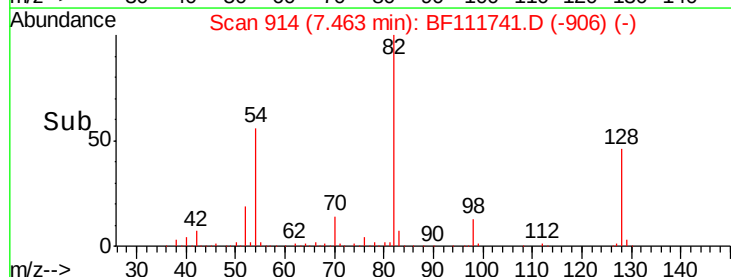
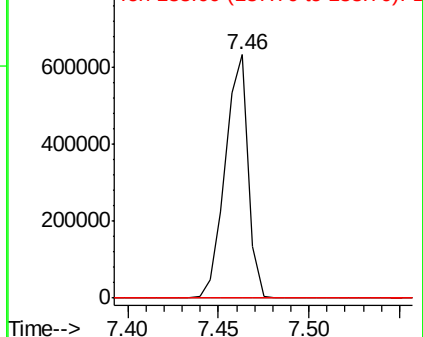


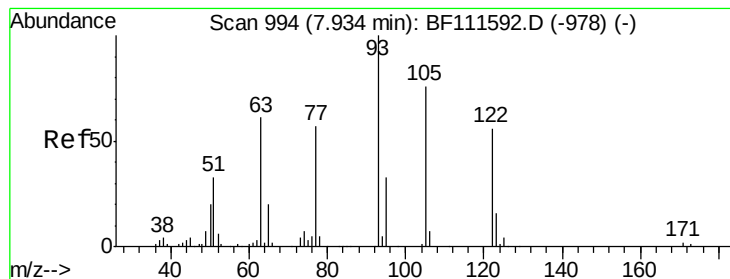
#25
 Isophorone
 Concen: 40.050 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.25 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

Tgt Ion	82	Resp	560698
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



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





#32

Benzoic acid

Concen: 2.939 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

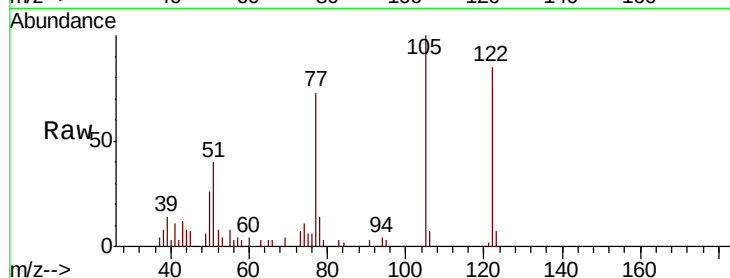
Tot Ion:122 Resp: 12839

Ion Ratio Lower Upper

122 100

105 117.0 97.0 137.0

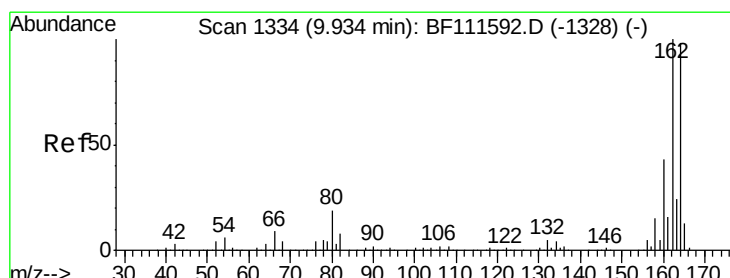
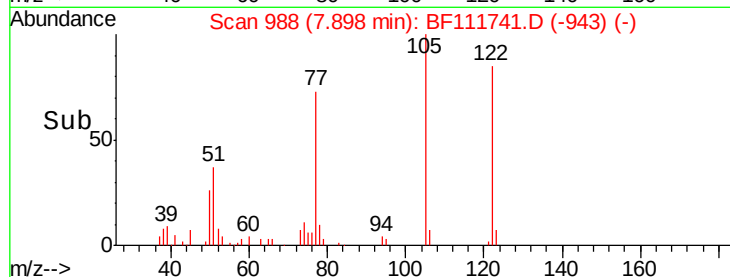
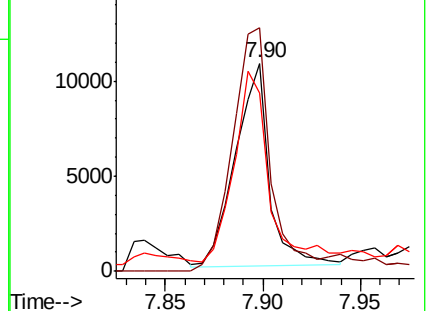
77 85.4 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

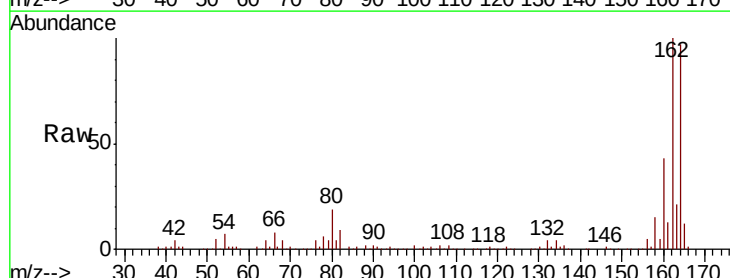
Tgt Ion:164 Resp: 204587

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

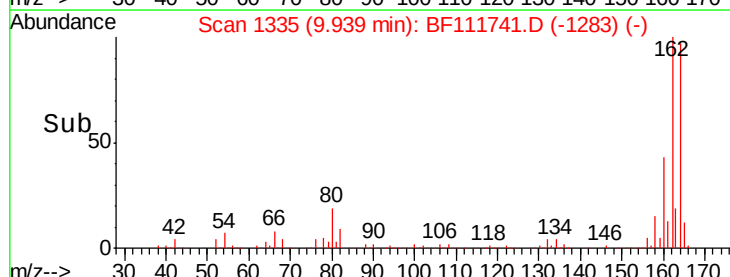
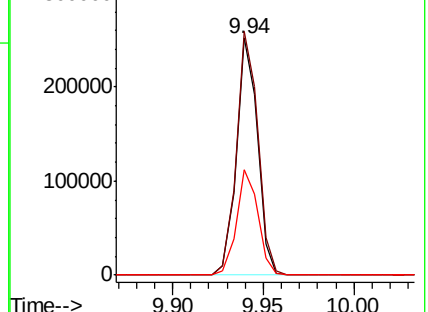
160 44.5 35.7 53.5

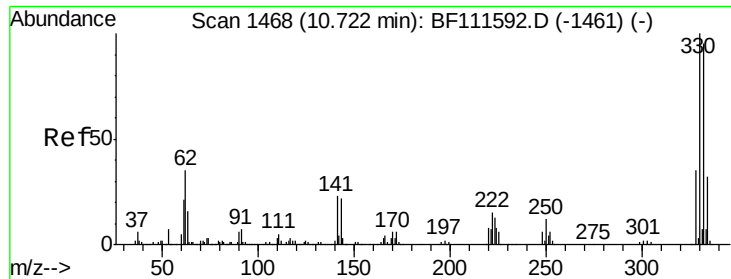


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 106.438 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

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ClientSampleId :

P001-SS026-0006-01

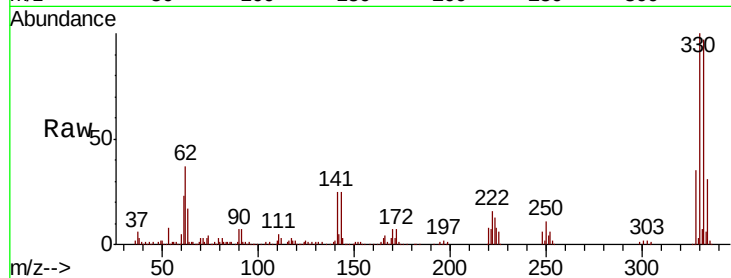
Tot Ion:330 Resp: 257297

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

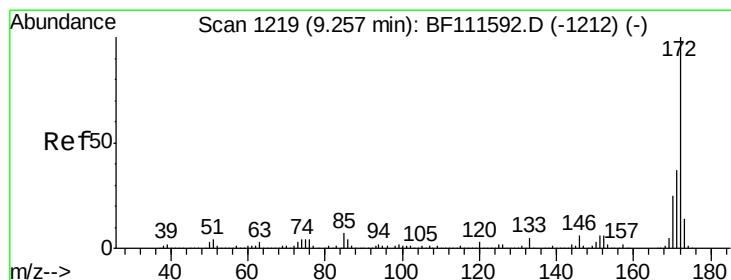
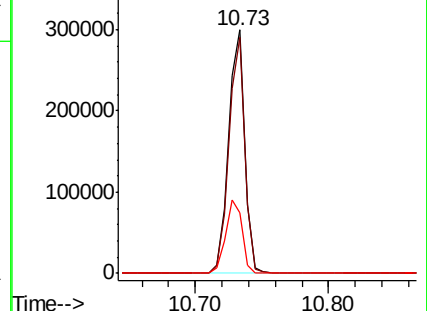
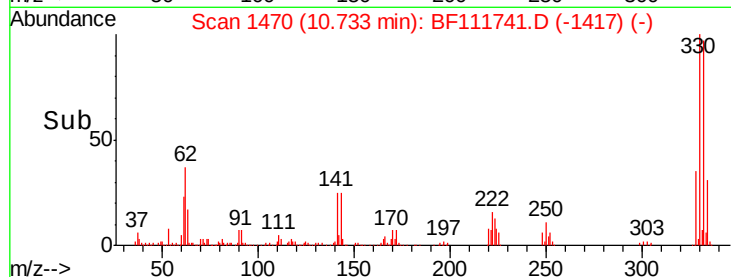
141 31.0 31.0 46.6#



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: 72.309 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

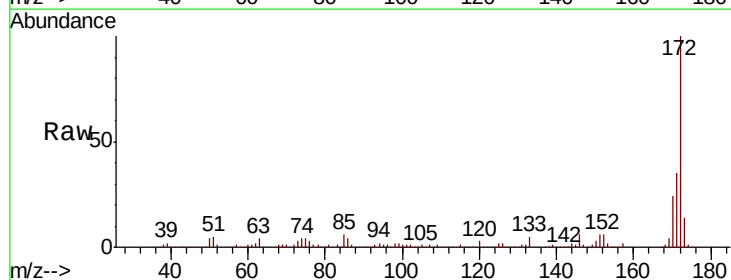
Tgt Ion:172 Resp: 1014942

Ion Ratio Lower Upper

172 100

171 35.0 33.0 49.4

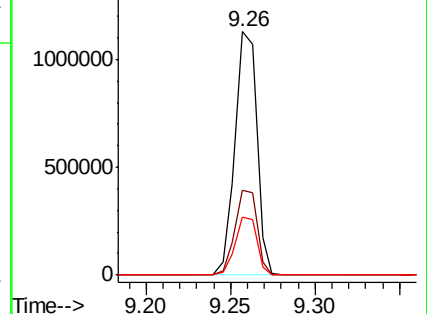
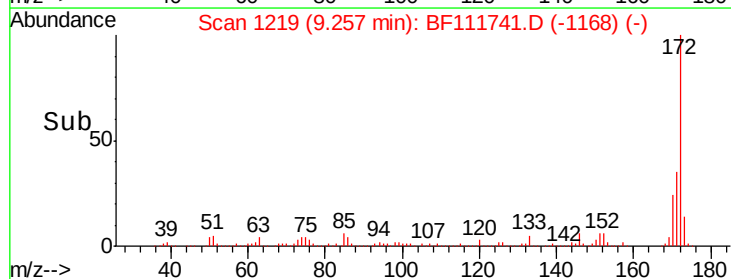
170 23.9 22.3 33.5

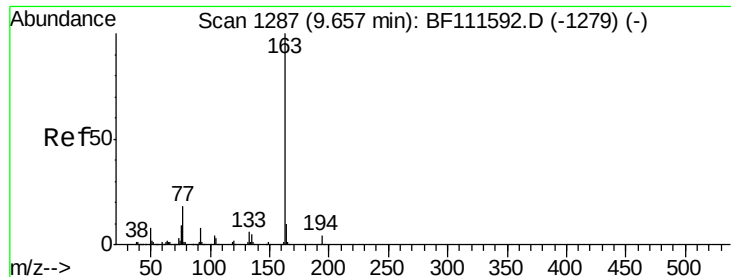


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 18.637 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

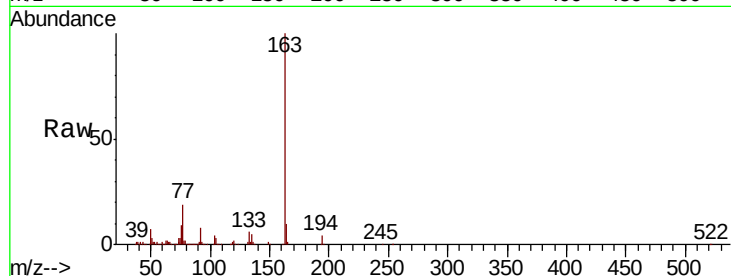
Tot Ion:163 Resp: 278818

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

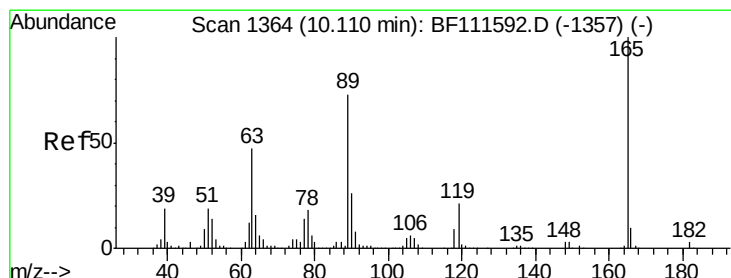
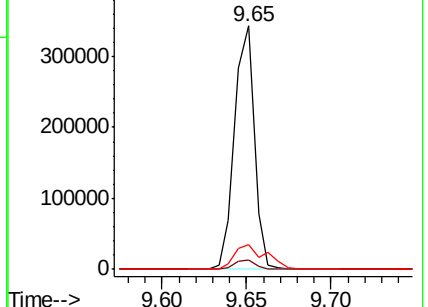
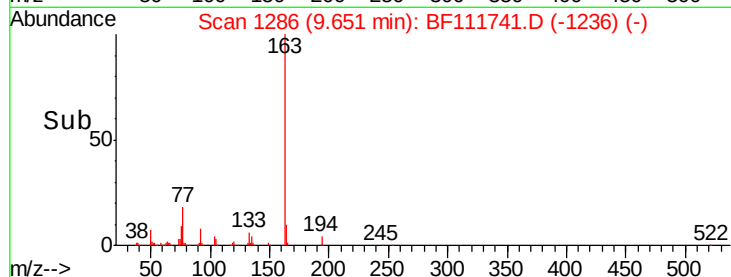
164 10.3 8.9 13.3



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: 7.230 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.17 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Tgt Ion:165 Resp: 25922

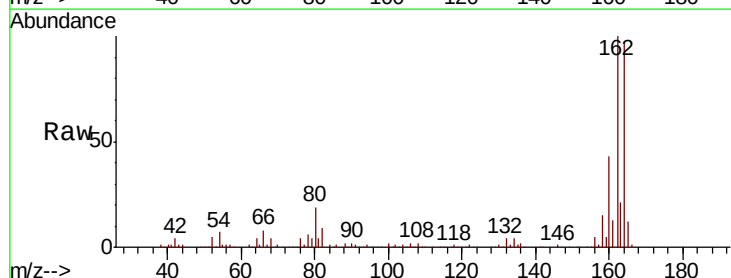
Ion Ratio Lower Upper

165 100

63 2.0 34.6 52.0#

89 2.8 56.2 84.4#

182 0.0 1.8 2.6#

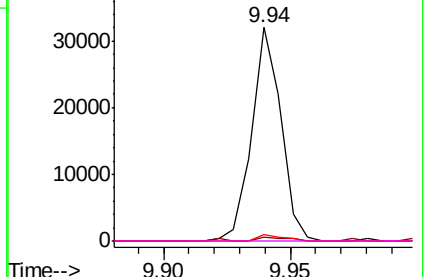
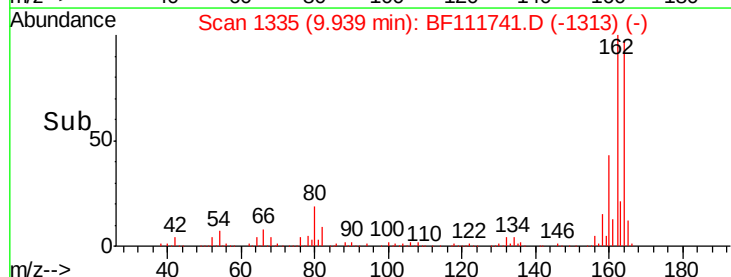


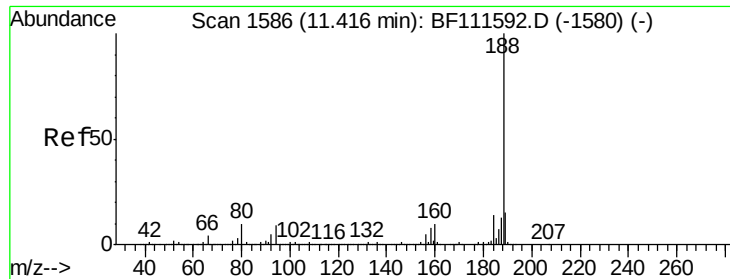
Abundance Ion 165.00 (164.70 to 165.70): E

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

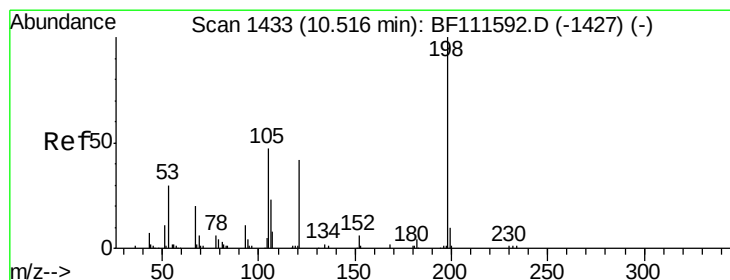
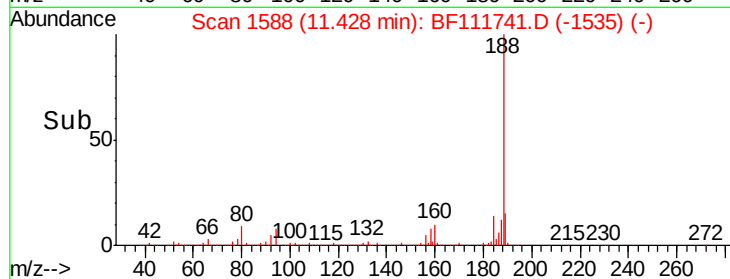
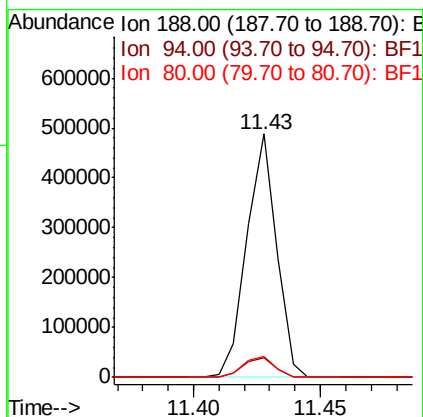
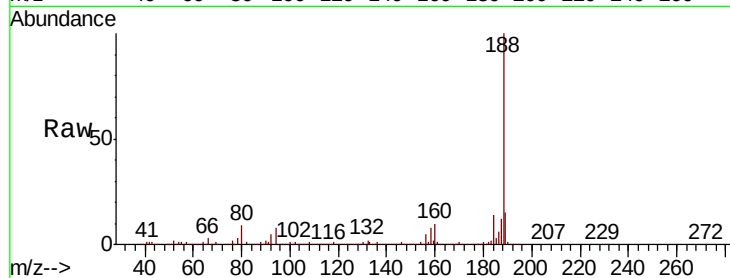




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

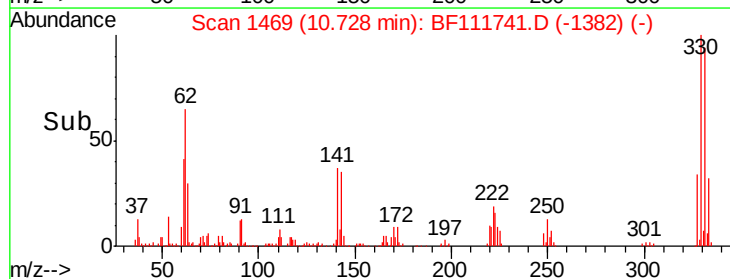
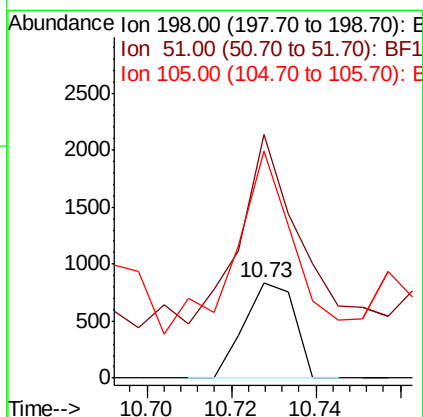
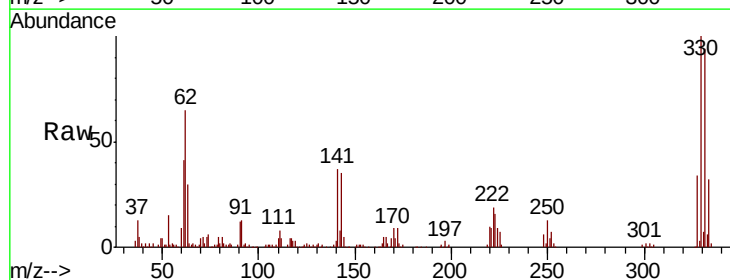
Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

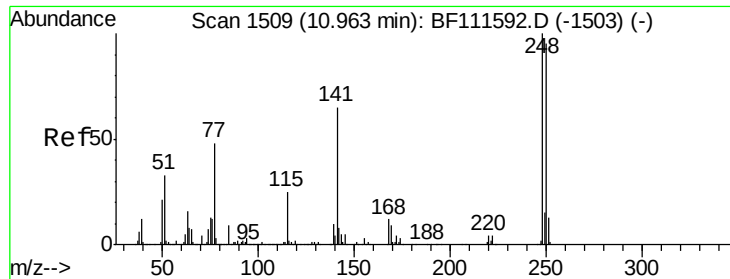
Tot Ion:188 Resp: 400981
Ion Ratio Lower Upper
188 100
94 8.2 9.6 14.4#
80 8.6 9.8 14.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 7.053 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Tgt Ion:198 Resp: 693
Ion Ratio Lower Upper
198 100
51 256.0 48.0 88.0#
105 239.0 34.0 74.0#

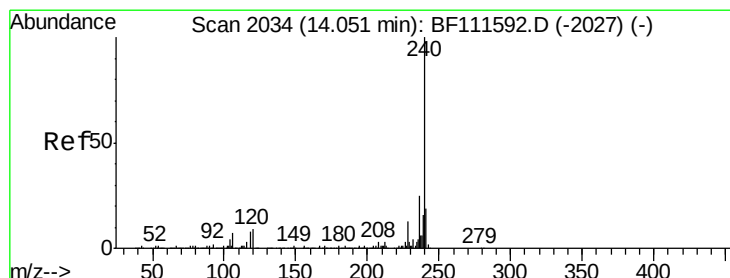
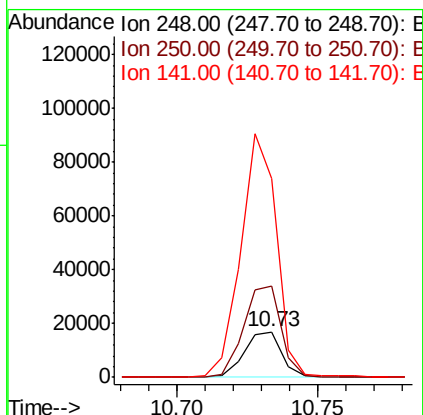
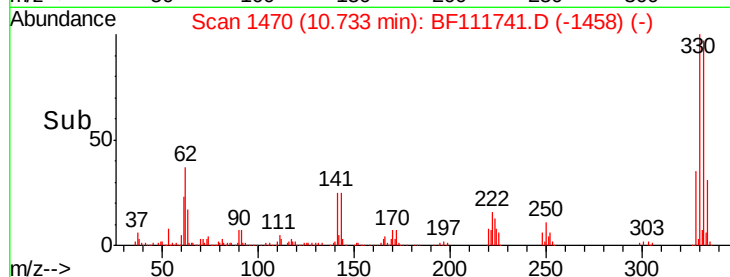
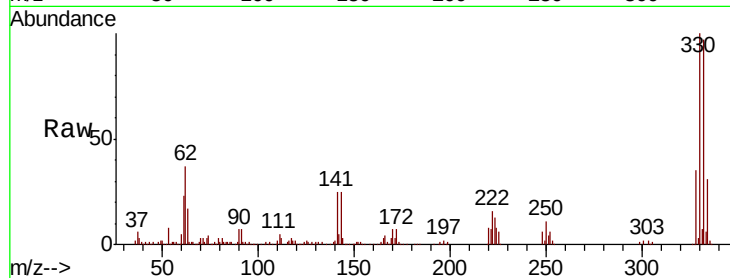




#67
 4-Bromophenyl-phenylether
 Concen: 3.102 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.23 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

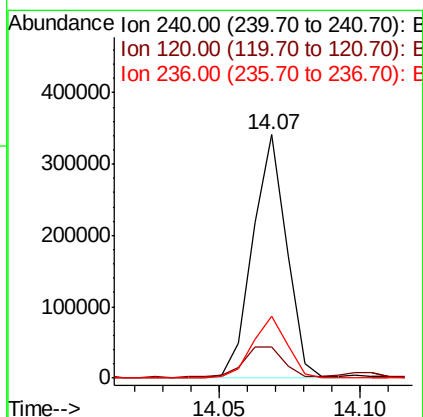
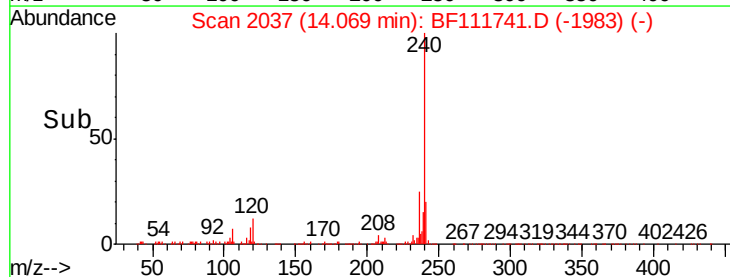
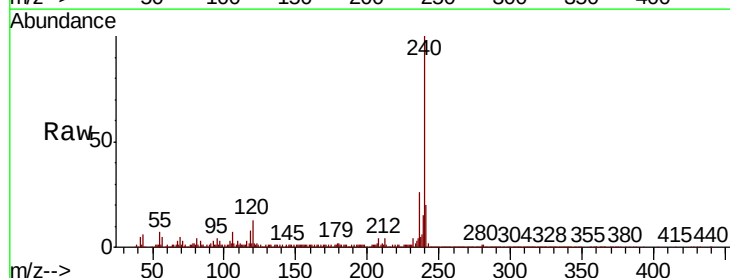
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

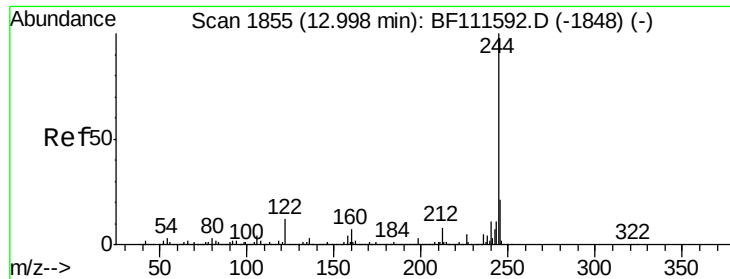
Tot Ion:248 Resp: 15430
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.0 115.4#
 141 439.1 63.0 94.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

Tgt Ion:240 Resp: 283868
 Ion Ratio Lower Upper
 240 100
 120 12.9 12.2 18.2
 236 25.6 20.2 30.2





#79

Terphenyl-d14

Concen: 69.551 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

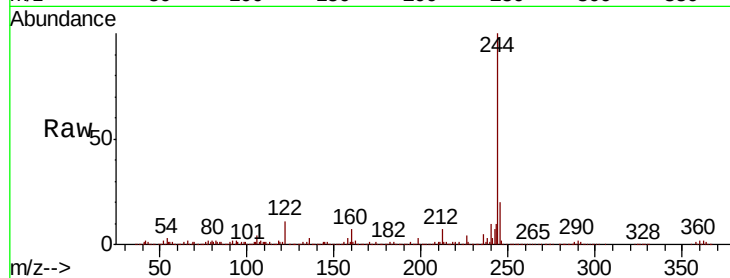
Tot Ion:244 Resp: 1041082

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

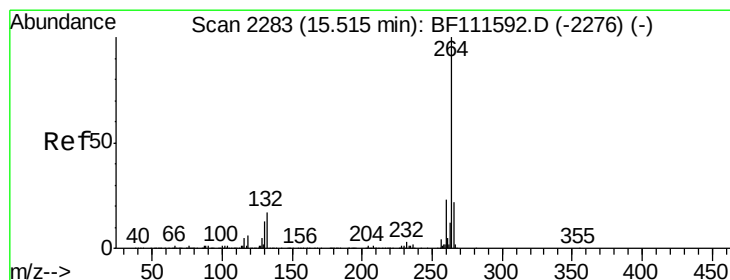
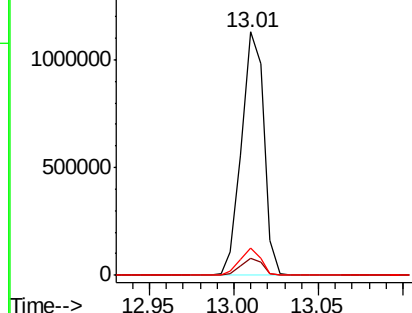
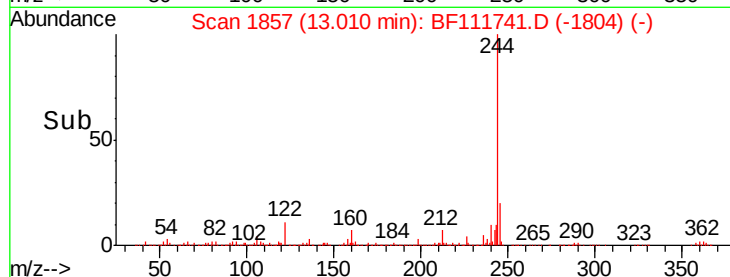
122 11.1 13.1 19.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

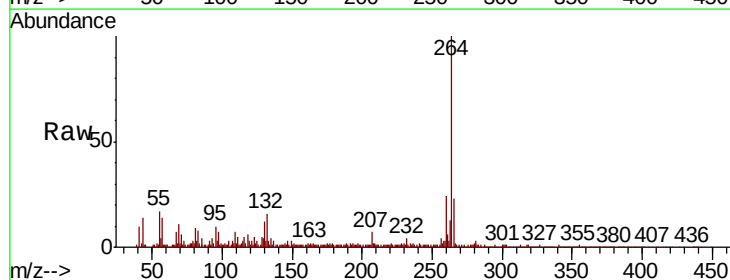
Tgt Ion:264 Resp: 224929

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 23.0 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

