

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111737.D
 Acq On : 27 Dec 2018 2:02
 Operator : JU/SJ
 Sample : J6388-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

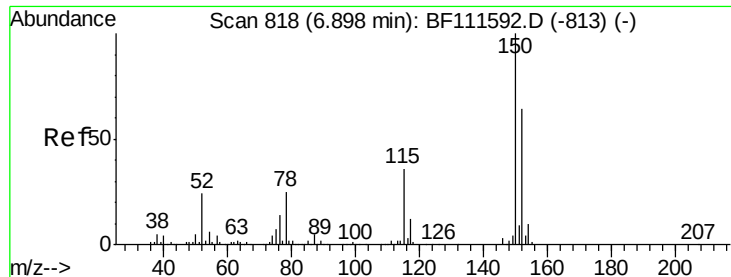
Quant Time: Dec 27 04:14:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135500	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	456423	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	200227	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	363254	20.00	ng	0.01
76) Chrysene-d12	14.07	240	295253	20.00	ng	0.02
87) Perylene-d12	15.55	264	231612	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	968042	121.78	ng	0.03
7) Phenol-d6	6.55	99	1190546	117.68	ng	0.03
23) Nitrobenzene-d5	7.46	82	756643	96.49	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	286382	121.05	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1127014	82.04	ng	0.00
79) Terphenyl-d14	13.01	244	1003239	64.44	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	71845	6.294	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	102462	15.250	ng	# 77
25) Isophorone	7.46	82	756634	54.354	ng	# 64
50) Dimethylphthalate	9.65	163	97754	6.676	ng	97
57) 2,4-Dinitrotoluene	9.94	165	26164	7.456	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.64	198	197	6.806	ng	# 65
67) 4-Bromophenyl-phenylether	10.73	248	17508	3.886	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.95	149	23098	2.158	ng	# 79

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

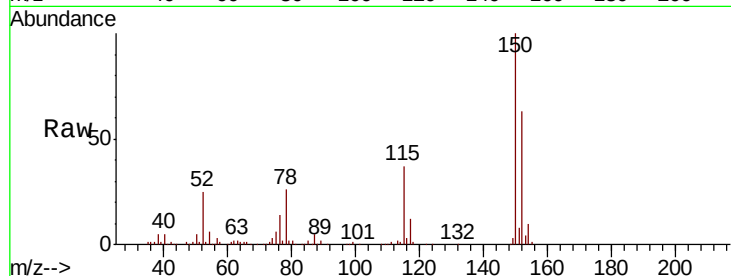


#1

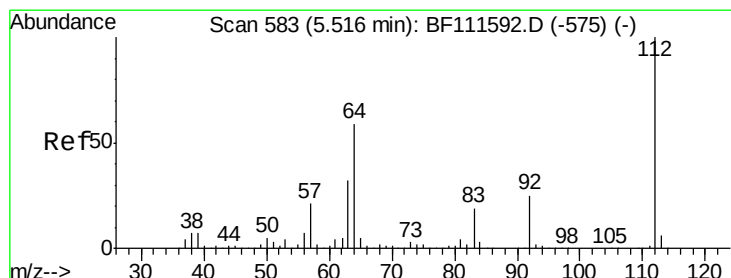
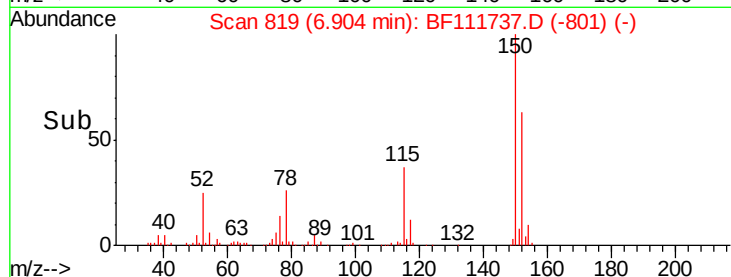
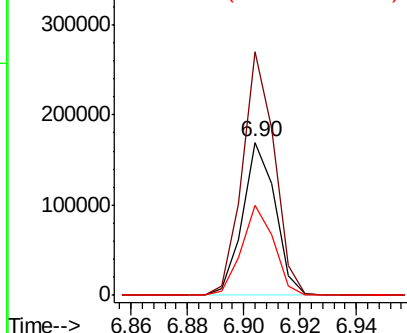
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111737.D
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BNA_F
ClientSampleId :
P001-SS011-0006-01

Tot Ion:152 Resp: 135500
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 58.6 50.7 76.1



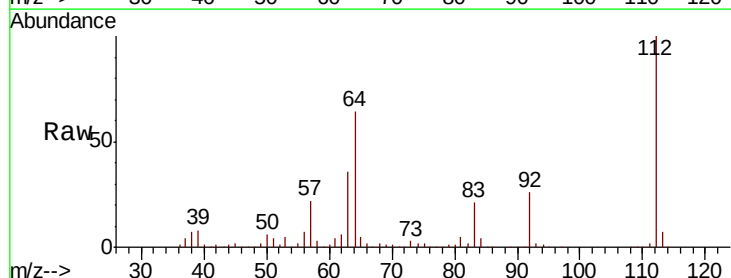
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



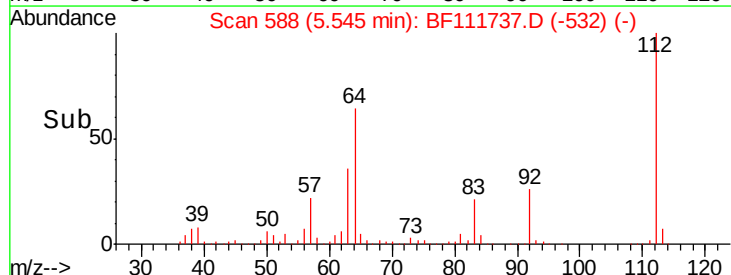
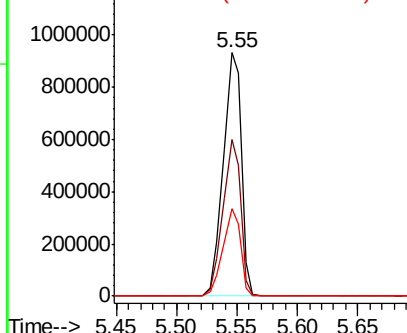
#5

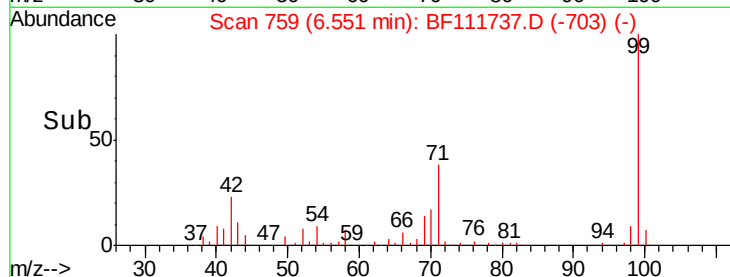
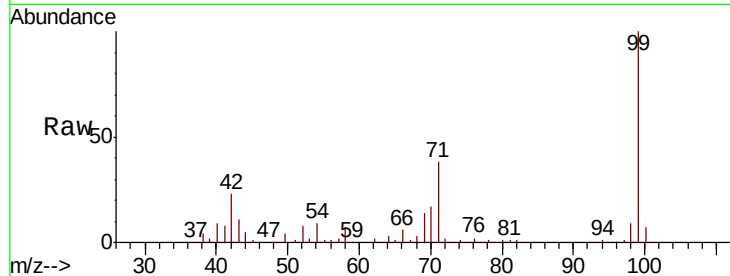
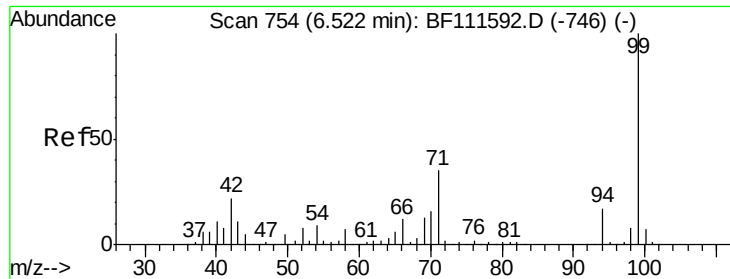
2-Fluorophenol
Concen: 121.776 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion:112 Resp: 968042
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.6
63 35.8 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: 117.680 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

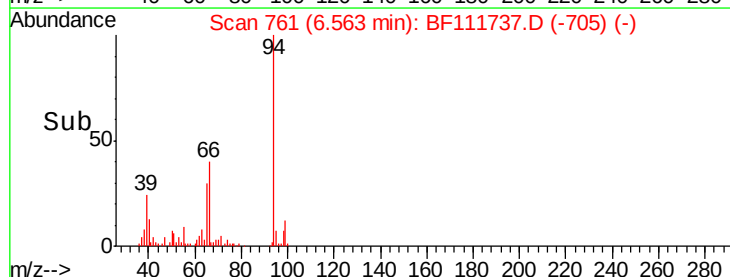
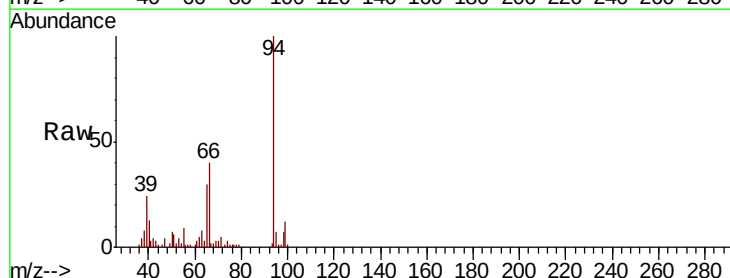
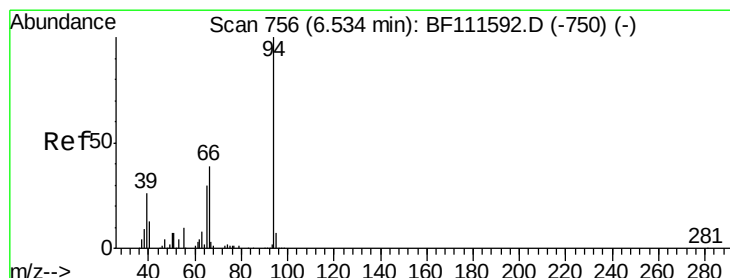
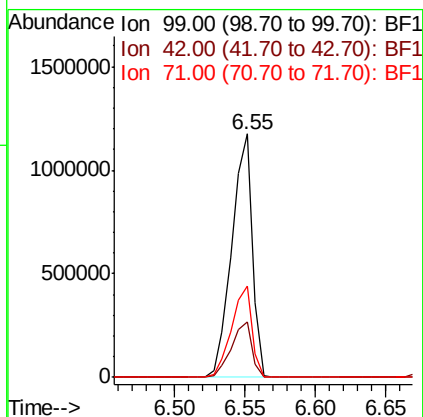
Tot Ion: 99 Resp: 1190546

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 37.6 26.1 39.1



#10

Phenol

Concen: 6.294 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

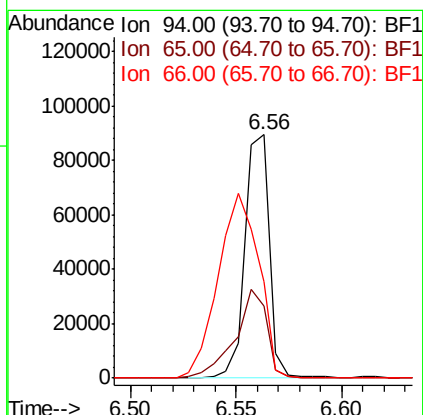
Tgt Ion: 94 Resp: 71845

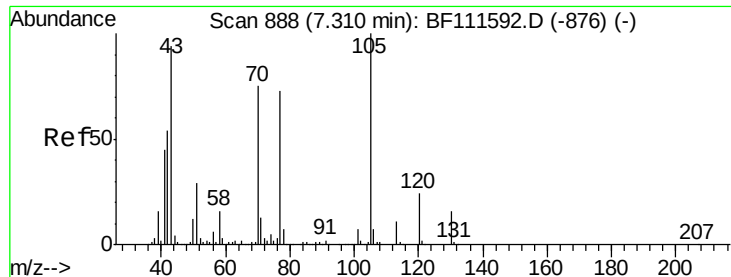
Ion Ratio Lower Upper

94 100

65 29.9 11.7 51.7

66 39.8 21.0 61.0

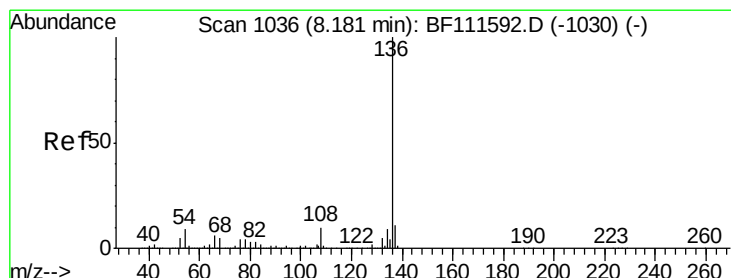
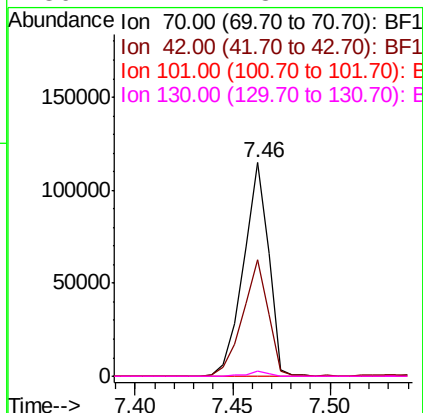
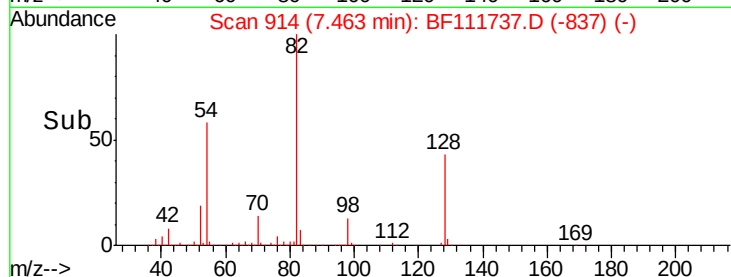
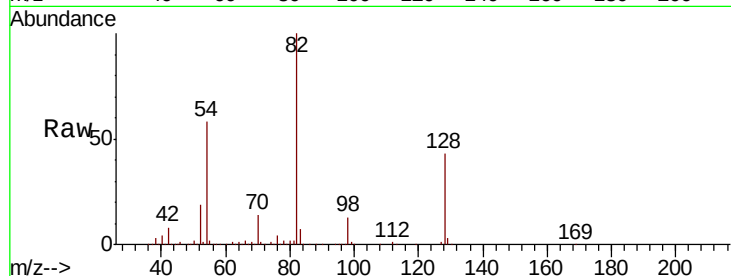




#19
n-Nitroso-di-n-propylamine
Concen: 15.250 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

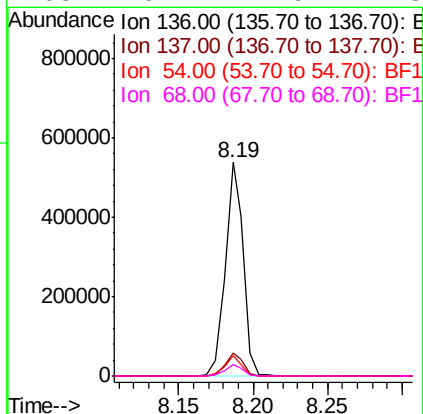
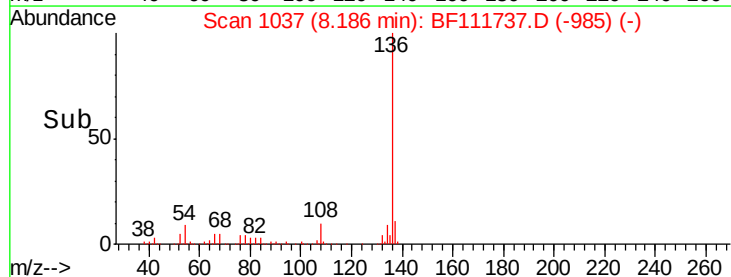
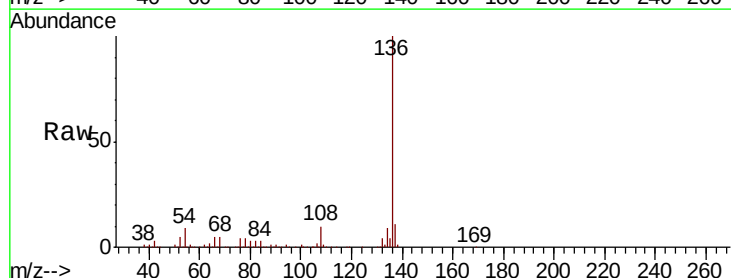
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

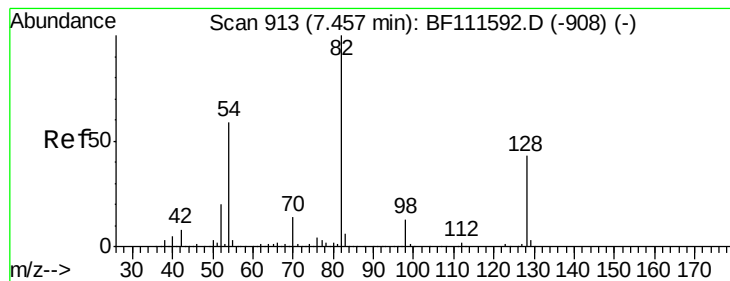
Tot Ion: 70 Resp: 102462
Ion Ratio Lower Upper
70 100
42 54.4 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion: 136 Resp: 456423
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.3 7.7 11.5
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 96.495 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

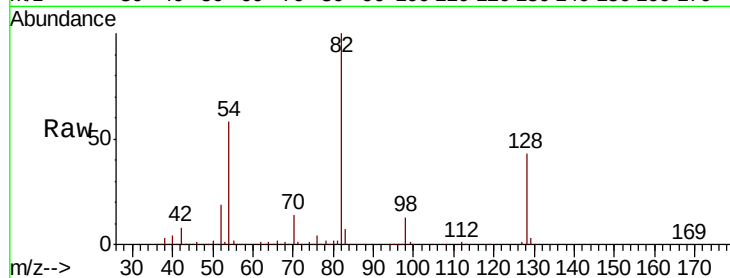
Tot Ion: 82 Resp: 756643

Ion Ratio Lower Upper

82 100

128 42.9 37.4 56.2

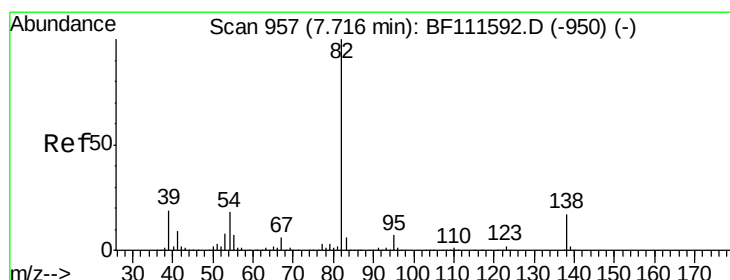
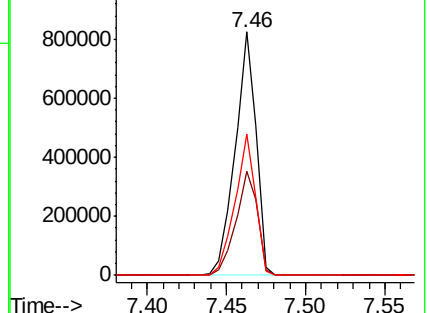
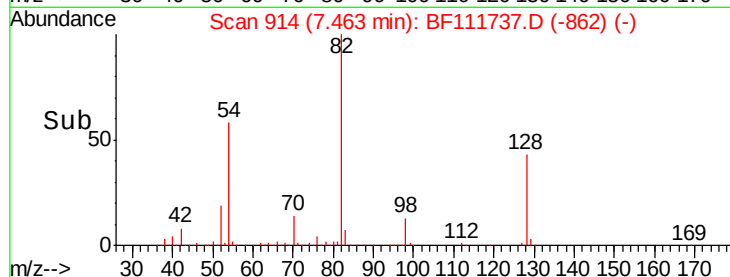
54 57.9 47.6 71.4



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: 54.354 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

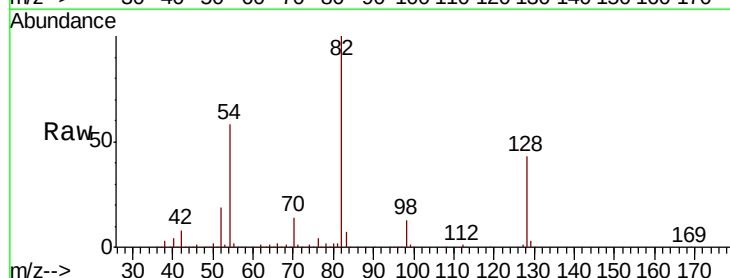
Tgt Ion: 82 Resp: 756634

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

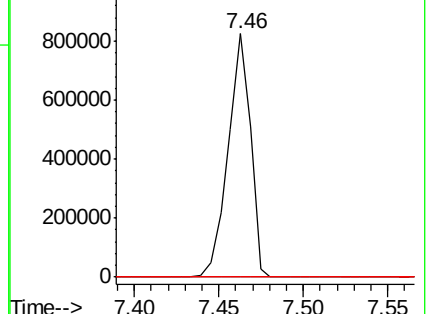
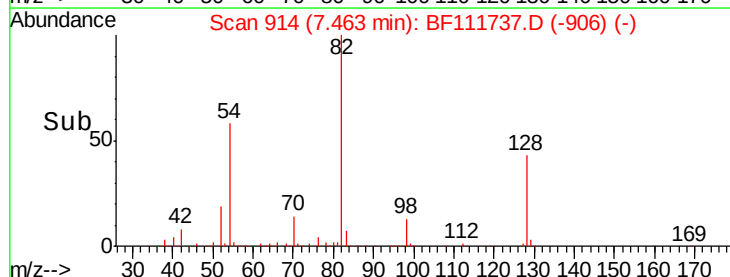
138 0.0 15.1 22.7#

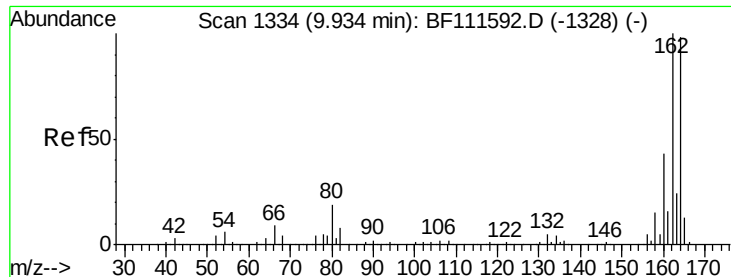


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

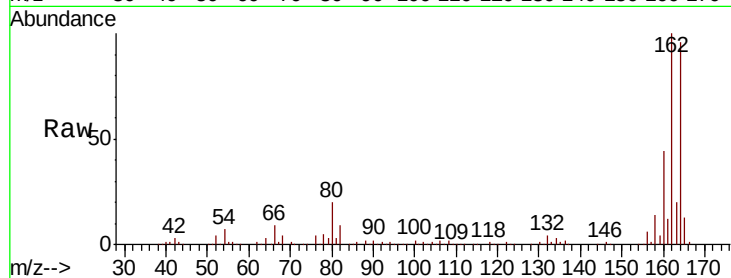
Tot Ion:164 Resp: 200227

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

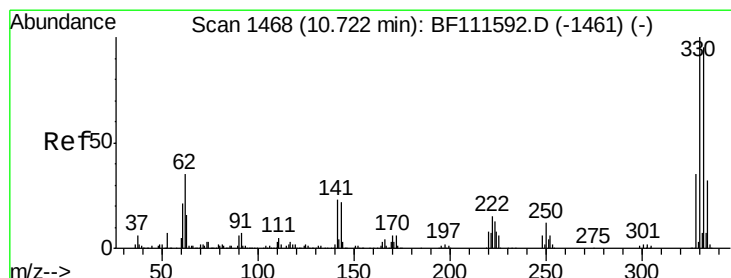
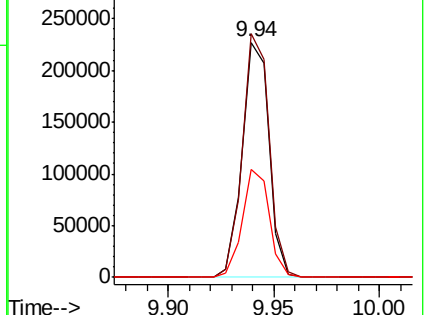
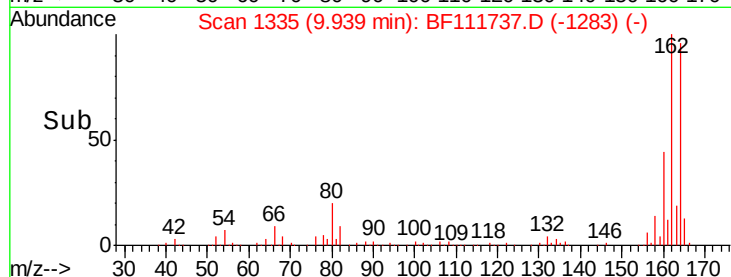
160 45.7 35.7 53.5



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: 121.049 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

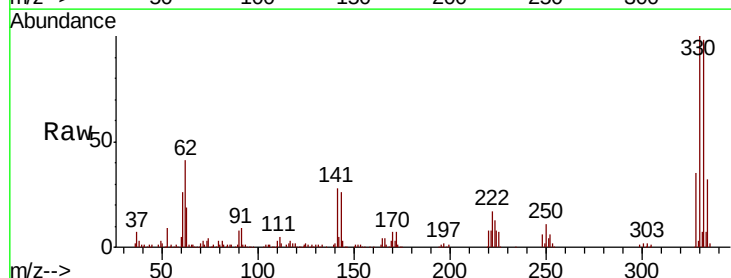
Tgt Ion:330 Resp: 286382

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

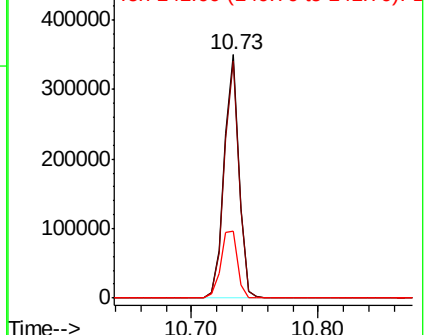
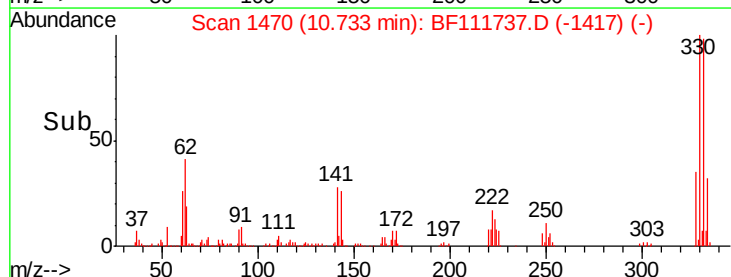
141 31.6 31.0 46.6

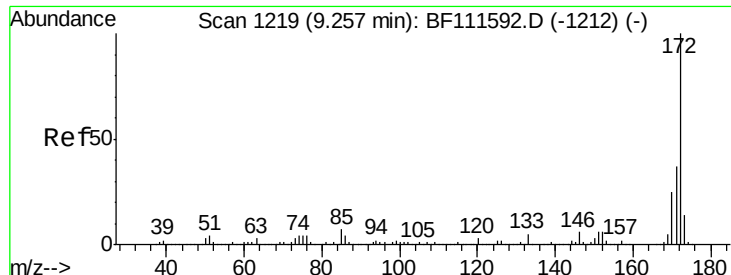


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



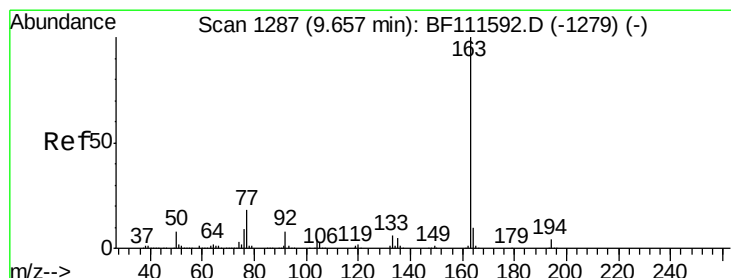
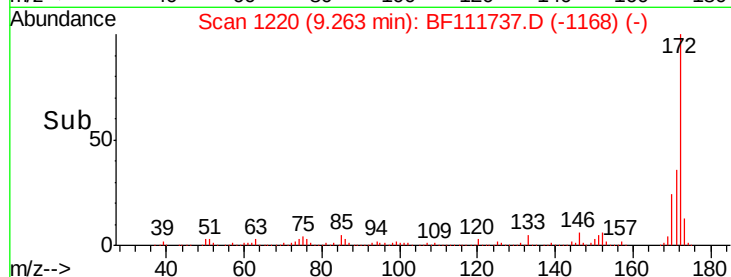
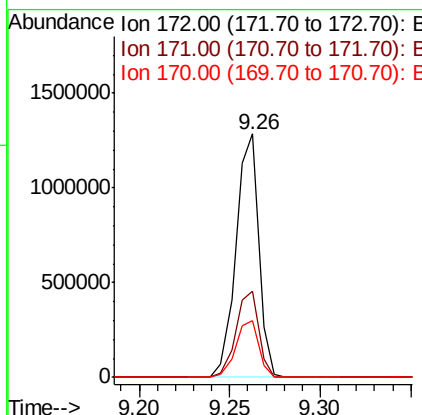
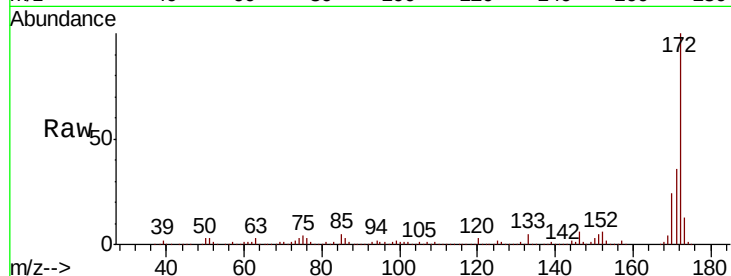


#45
2-Fluorobiphenyl
Concen: 82.042 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

Tot Ion:172 Resp: 1127014

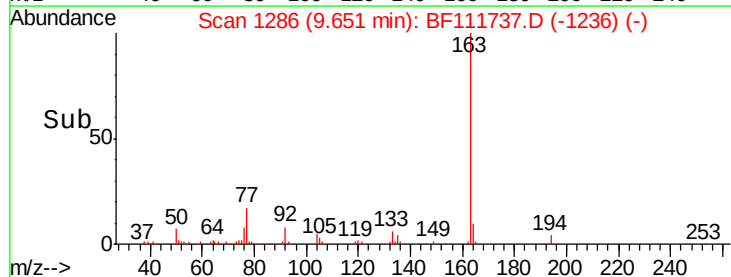
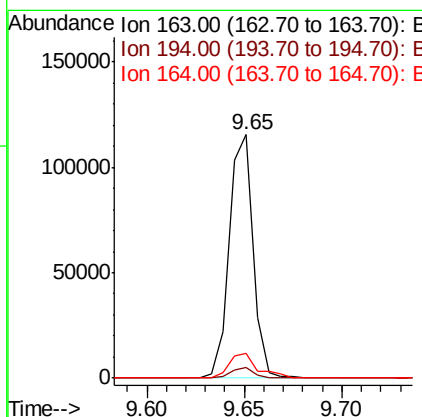
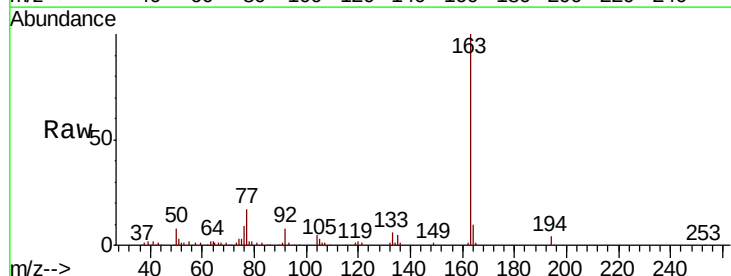
Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.6	22.3	33.5

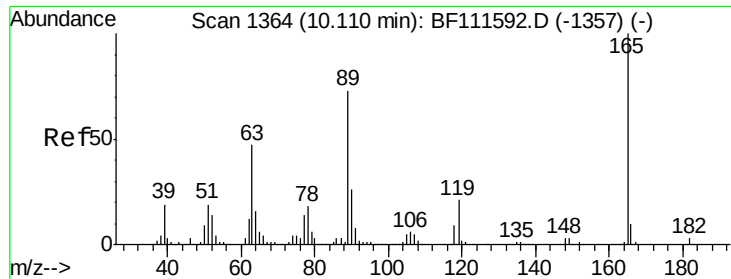


#50
Dimethylphthalate
Concen: 6.676 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion:163 Resp: 97754

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.0	8.9	13.3

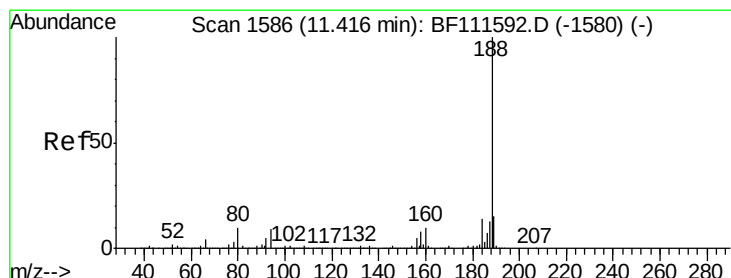
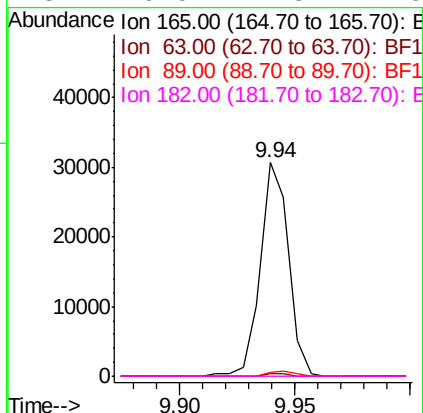
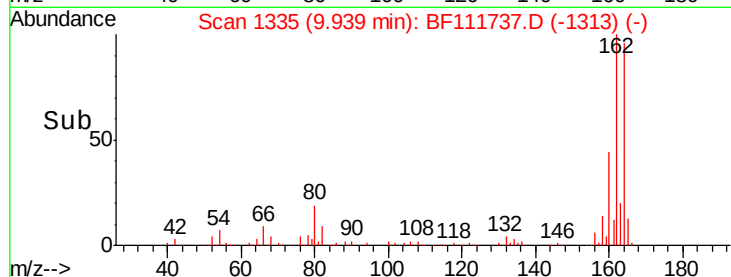
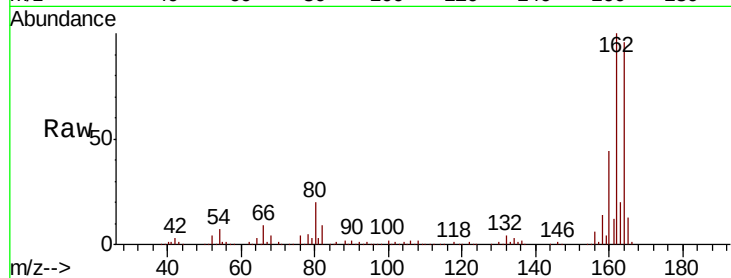




#57
 2,4-Dinitrotoluene
 Concen: 7.456 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111737.D
 Acq: 27 Dec 2018 2:02

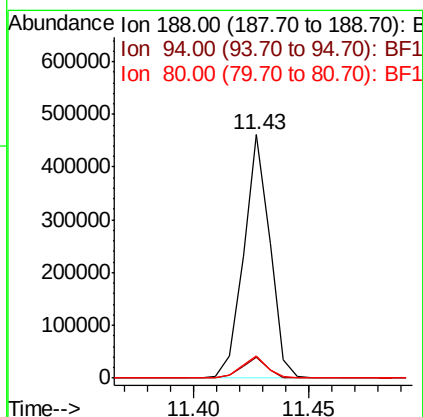
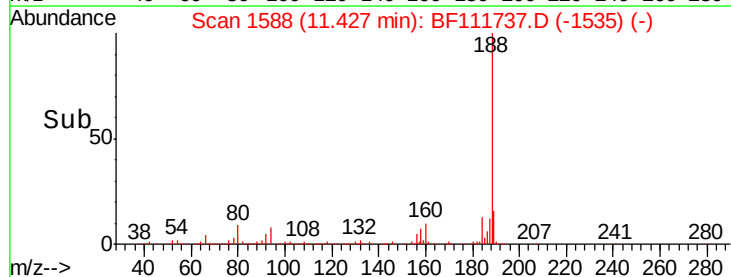
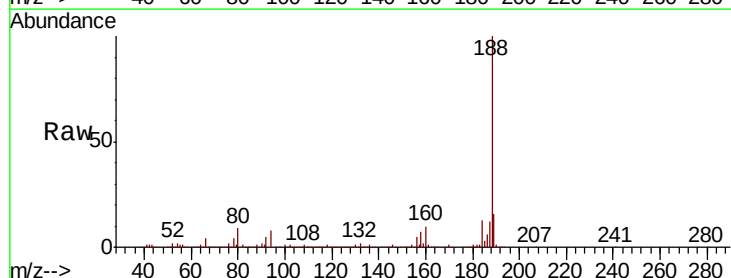
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01

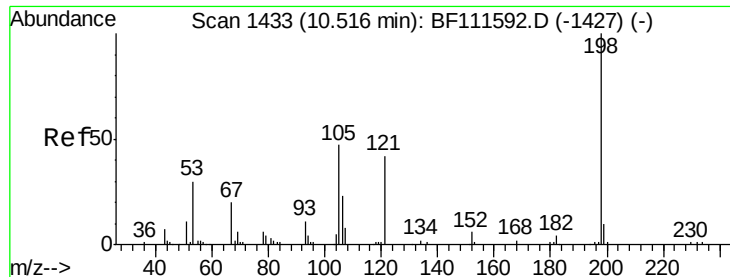
Tot Ion:165	Resp:	26164
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.6 52.0#
89	1.7	56.2 84.4#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111737.D
 Acq: 27 Dec 2018 2:02

Tgt Ion:188	Resp:	363254
Ion Ratio	Lower	Upper
188	100	
94	8.4	9.6 14.4#
80	9.0	9.8 14.6#

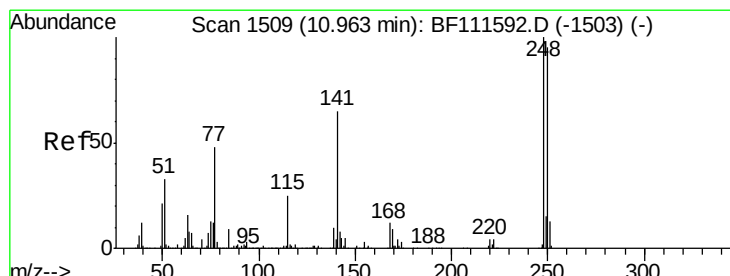
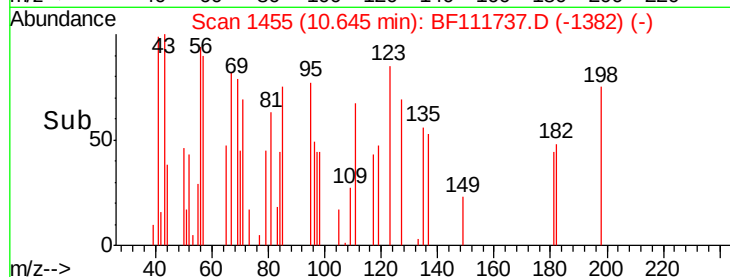
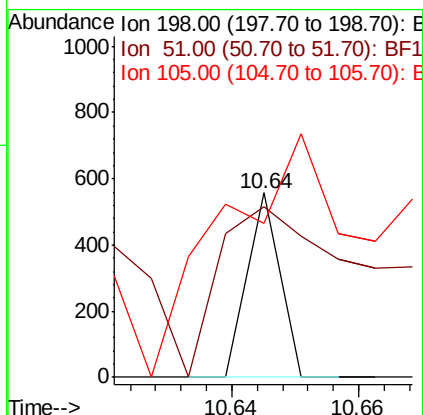
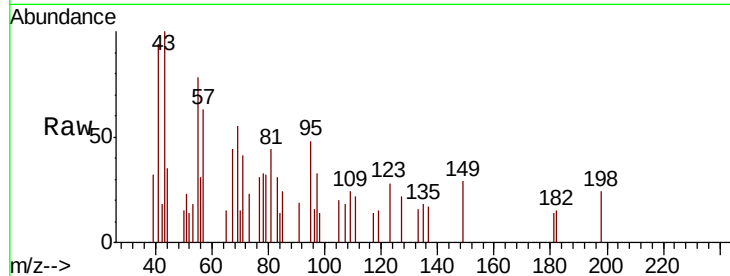




#65
4,6-Dinitro-2-methylphenol
Concen: 6.806 ng
RT: 10.64 min Scan# 1455
Delta R.T. 0.13 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

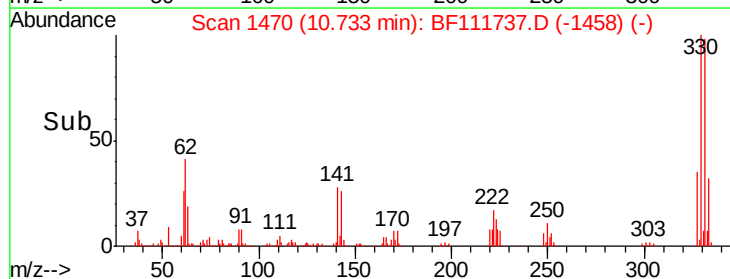
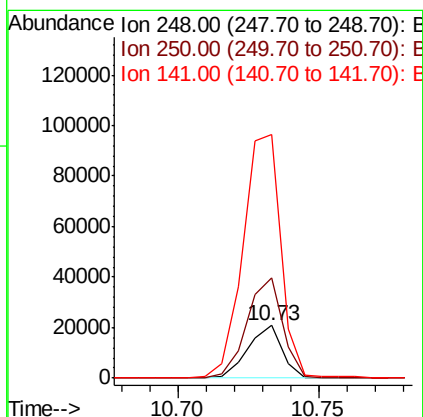
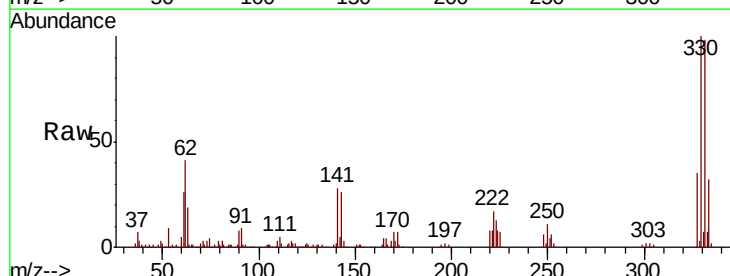
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01

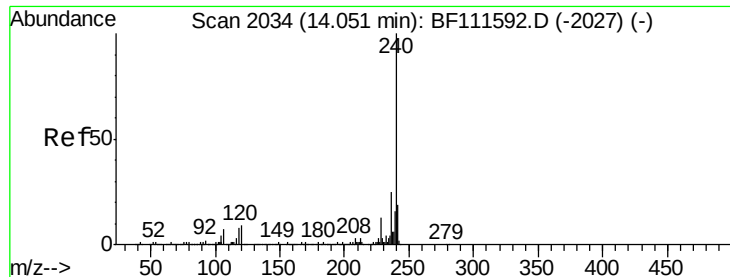
Tot Ion:198 Resp: 197
Ion Ratio Lower Upper
198 100
51 92.5 48.0 88.0#
105 83.3 34.0 74.0#



#67
4-Bromophenyl-phenylether
Concen: 3.886 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.23 min
Lab File: BF111737.D
Acq: 27 Dec 2018 2:02

Tgt Ion:248 Resp: 17508
Ion Ratio Lower Upper
248 100
250 191.3 77.0 115.4#
141 463.6 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: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

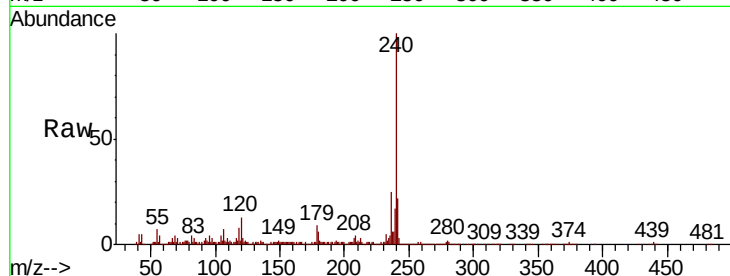
Tot Ion:240 Resp: 295253

Ion Ratio Lower Upper

240 100

120 13.2 12.2 18.2

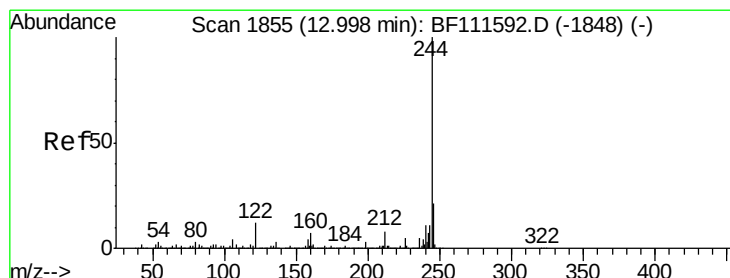
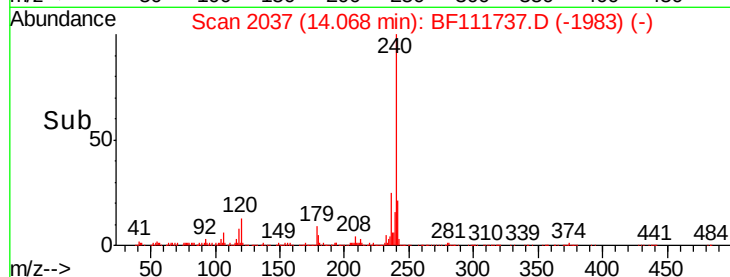
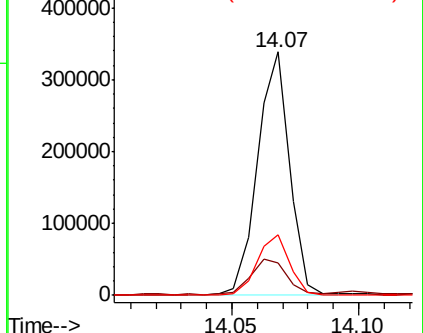
236 25.1 20.2 30.2



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: 64.438 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

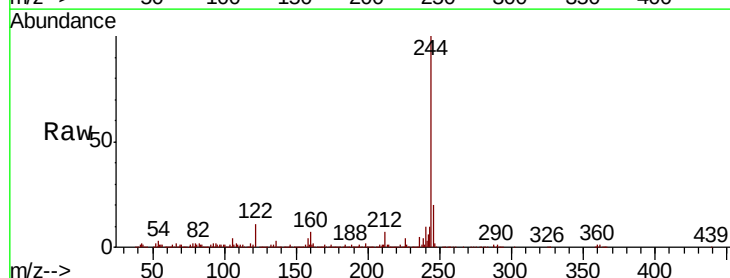
Tgt Ion:244 Resp: 1003239

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

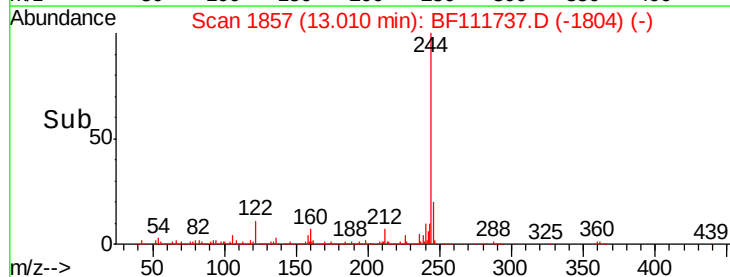
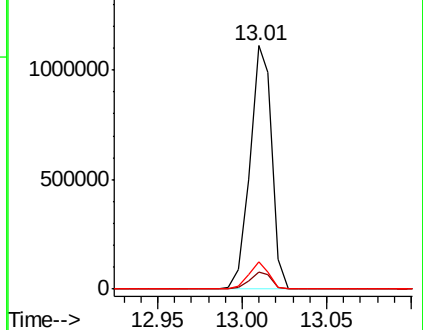
122 11.2 13.1 19.7#

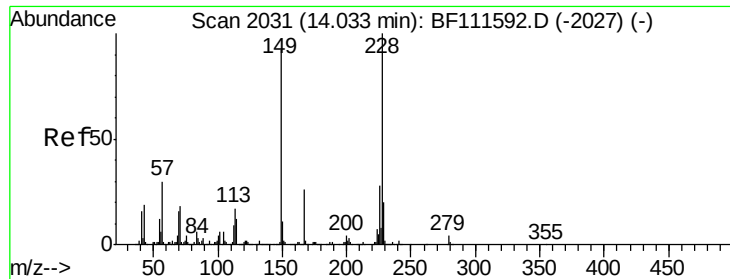


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.158 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.08 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01

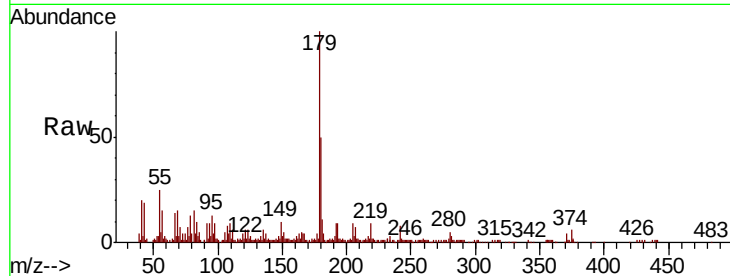
Tot Ion:149 Resp: 23098

Ion Ratio Lower Upper

149 100

167 37.0 22.5 33.7#

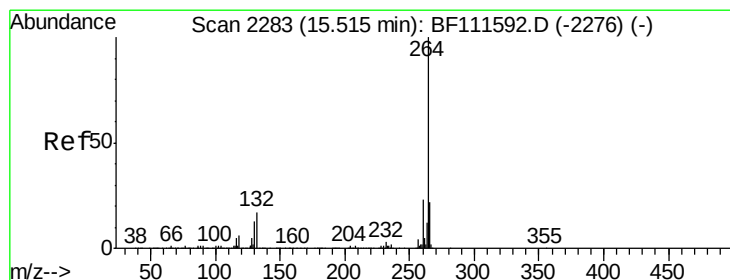
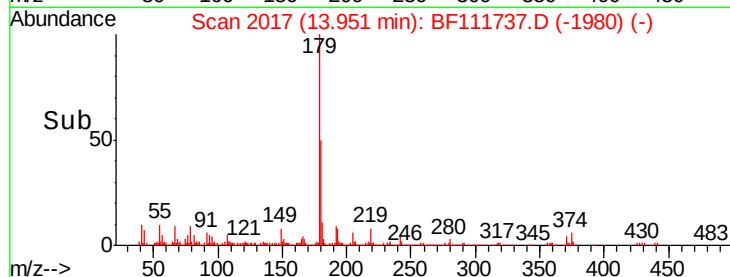
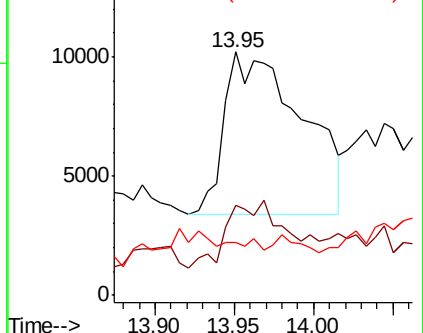
279 21.7 2.6 4.0#



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: 15.55 min Scan# 2289

Delta R.T. 0.04 min

Lab File: BF111737.D

Acq: 27 Dec 2018 2:02

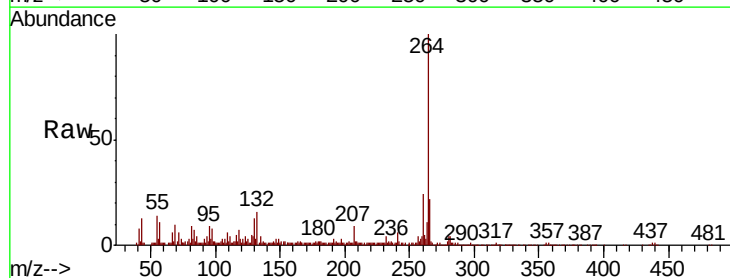
Tgt Ion:264 Resp: 231612

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 21.6 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

