

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111655.D
 Acq On : 20 Dec 2018 22:50
 Operator : JU/SJ
 Sample : J6362-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

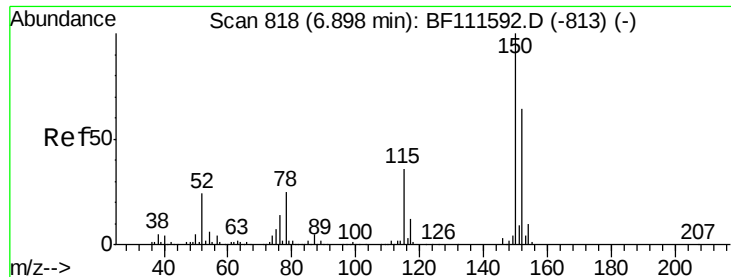
Quant Time: Dec 21 06:22:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	213855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	777965	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	352180	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	537353	20.00	ng	0.00
76) Chrysene-d12	14.04	240	523448	20.00	ng	0.00
87) Perylene-d12	15.52	264	403890	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1216280	96.94	ng	0.00
7) Phenol-d6	6.52	99	1551760	97.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	958351	71.70	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	331415	79.64	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1722618	71.29	ng	0.00
79) Terphenyl-d14	13.00	244	1354153	49.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	96947	5.381	ng	99
19) n-Nitroso-di-n-propylamine	7.45	70	133082	12.550	ng	# 78
25) Isophorone	7.45	82	958333	40.390	ng	# 64
50) Dimethylphthalate	9.64	163	100815	3.915	ng	98
51) 2,6-Dinitrotoluene	9.93	165	45485	8.857	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	45485	7.370	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	525	6.896	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20753	3.114	ng	# 1

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

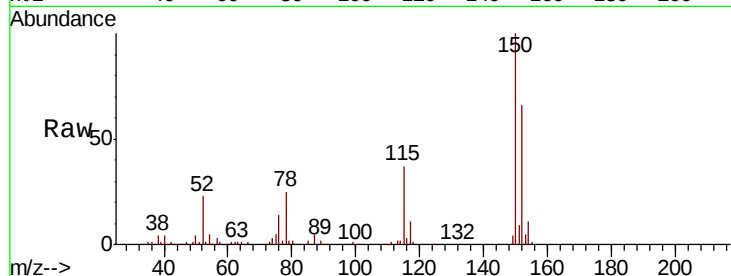


#1

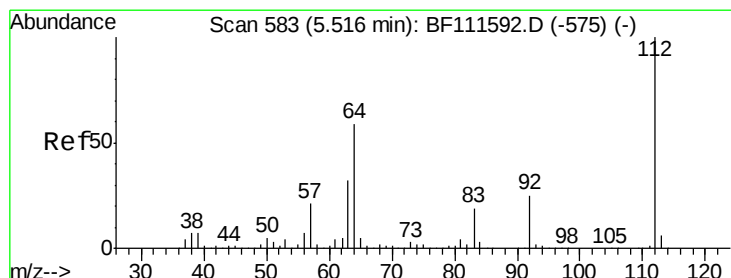
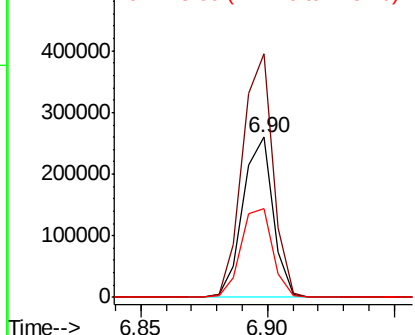
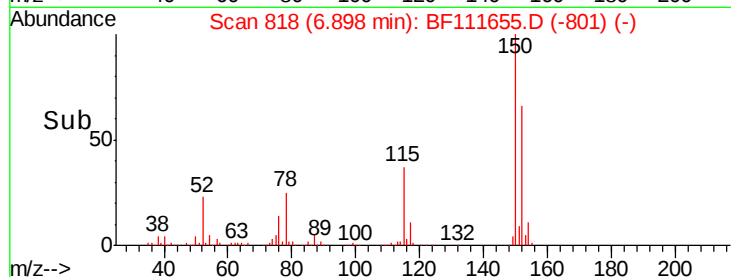
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.6	189.8
115	55.7	50.7	76.1



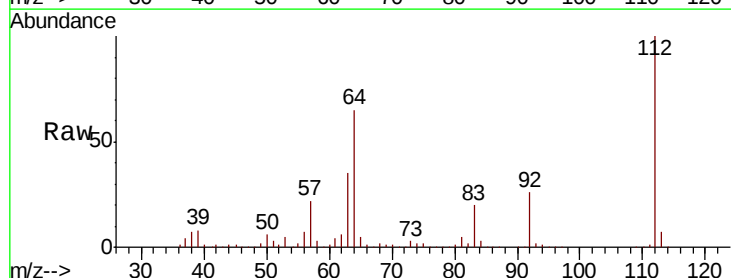
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



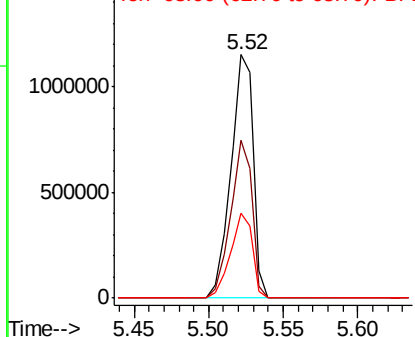
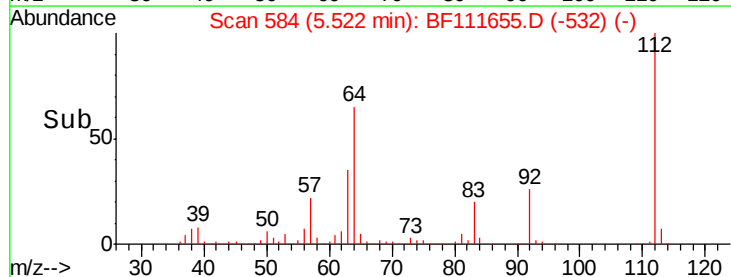
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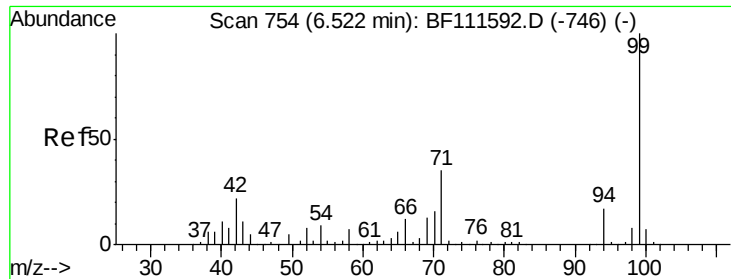
2-Fluorophenol
 Concen: 96.944 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.8	77.6
63	34.8	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: 97.186 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

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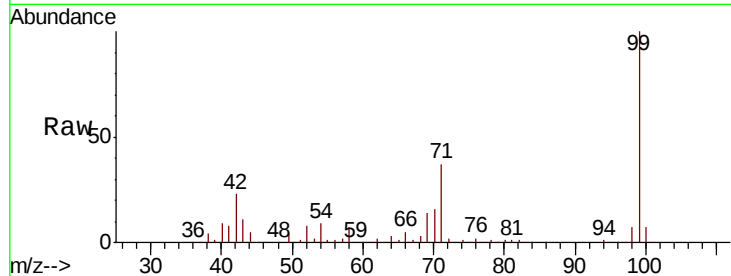
Tgt Ion: 99 Resp: 1551760

Ion Ratio Lower Upper

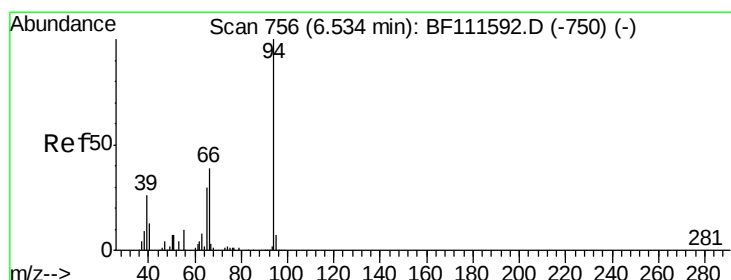
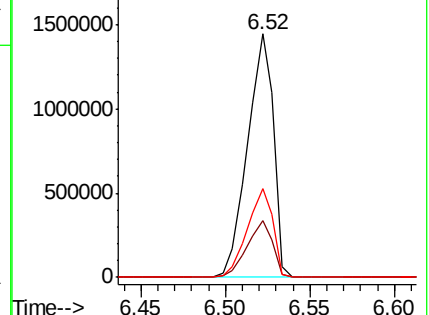
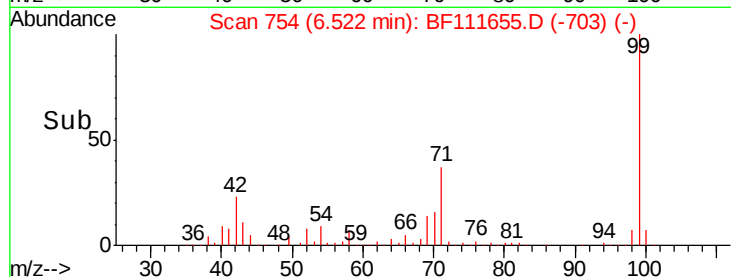
99 100

42 23.1 17.4 26.0

71 36.5 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: 5.381 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

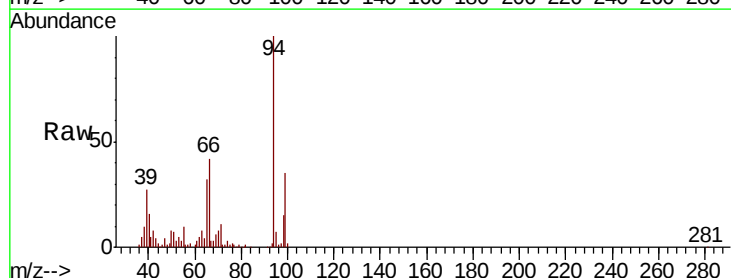
Tgt Ion: 94 Resp: 96947

Ion Ratio Lower Upper

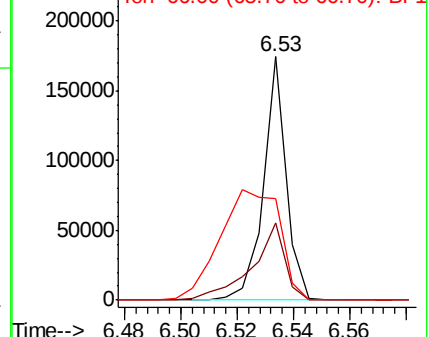
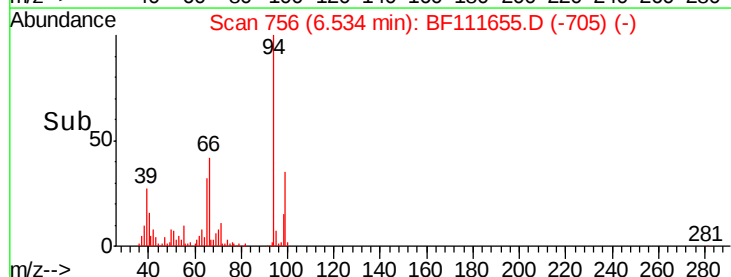
94 100

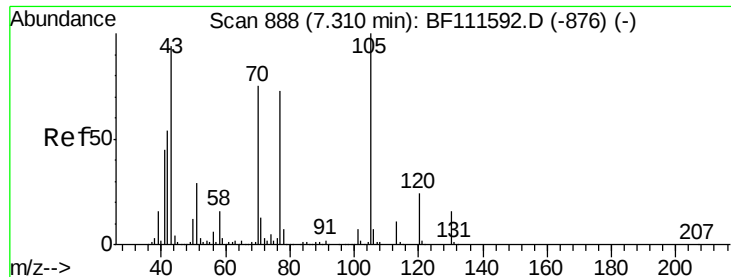
65 31.6 11.7 51.7

66 41.6 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

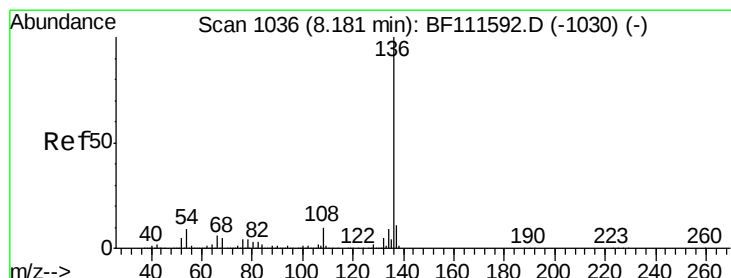
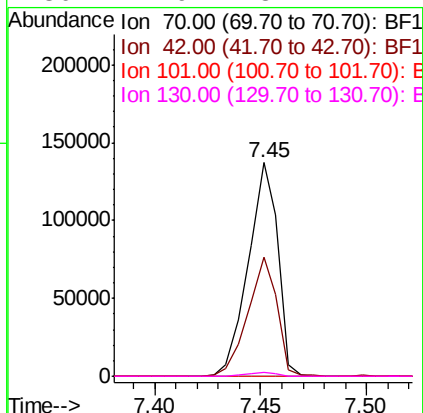
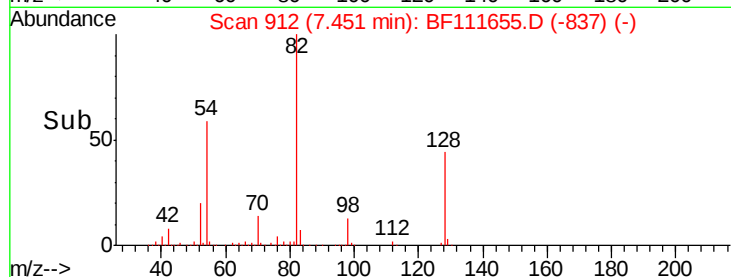
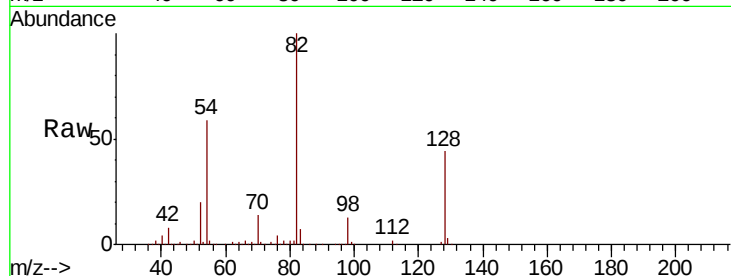




#19
n-Nitroso-di-n-propylamine
Concen: 12.550 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

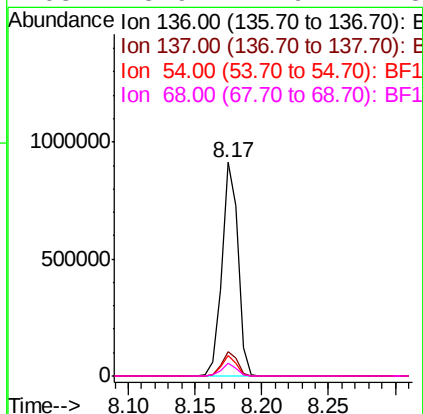
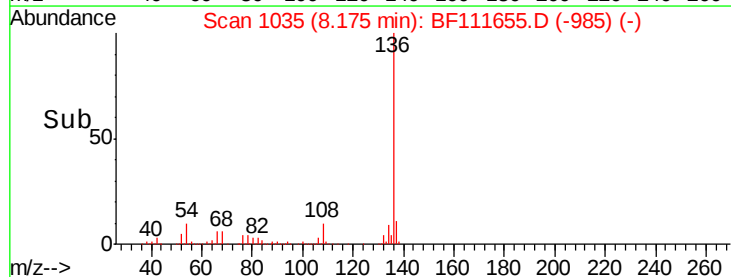
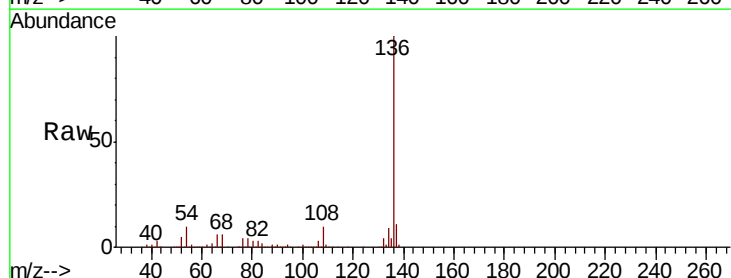
Instrument :
BNA_F
ClientSampleId :
P-2

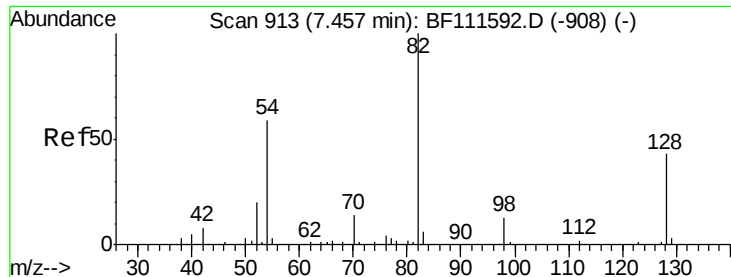
Tgt Ion: 70 Resp: 133082
Ion Ratio Lower Upper
70 100
42 55.6 53.2 79.8
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion: 136 Resp: 777965
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.5 7.7 11.5
68 5.9 4.9 7.3

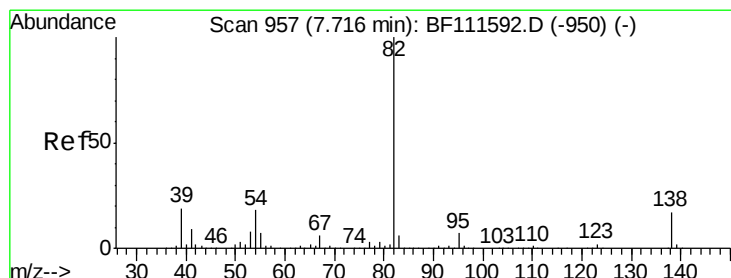
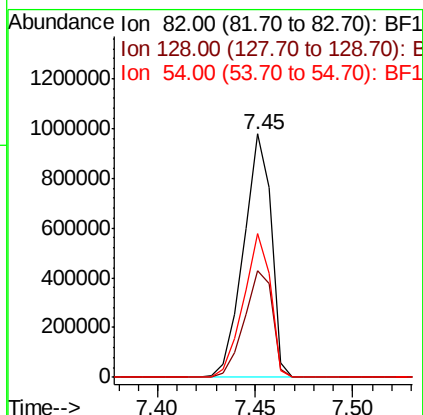
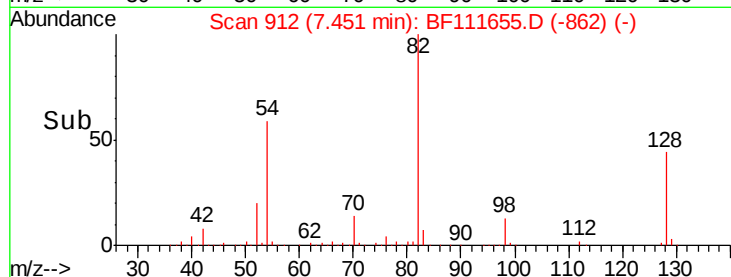
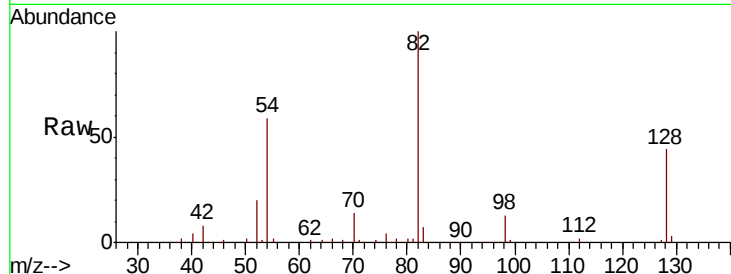




#23
Nitrobenzene-d5
Concen: 71.704 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

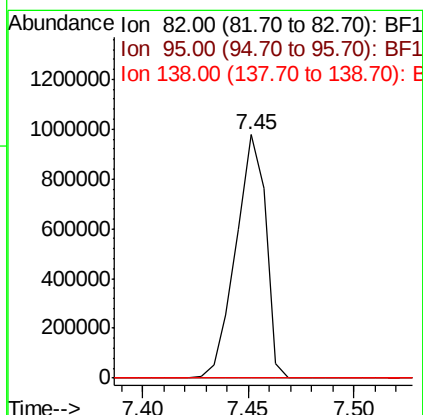
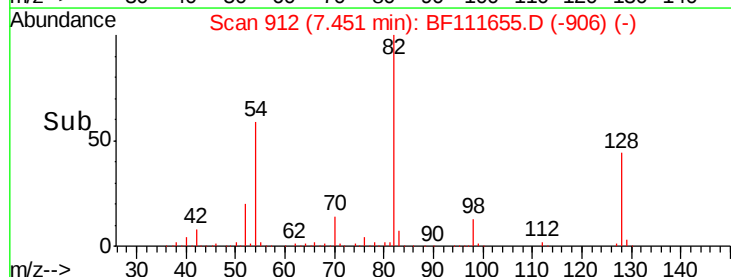
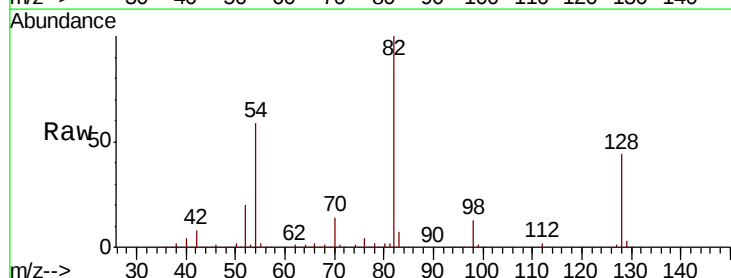
Instrument :
BNA_F
ClientSampleId :
P-2

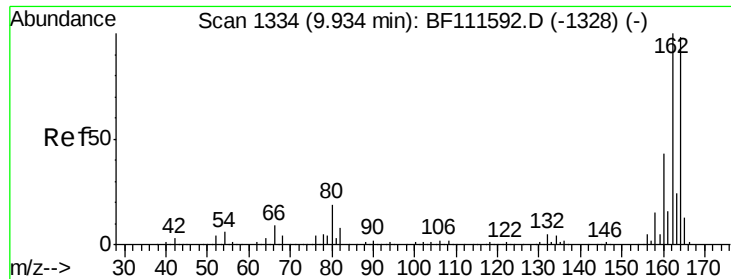
Tgt Ion: 82 Resp: 958351
Ion Ratio Lower Upper
82 100
128 44.0 37.4 56.2
54 59.2 47.6 71.4



#25
Isophorone
Concen: 40.390 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion: 82 Resp: 958333
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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

P-2

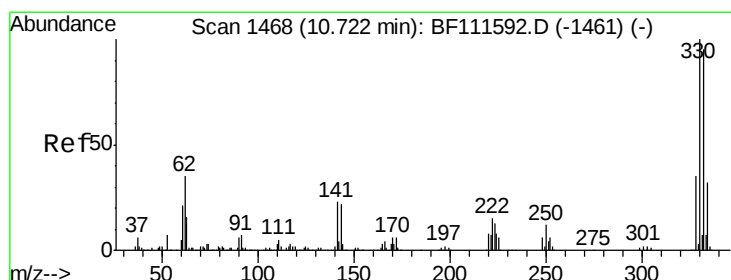
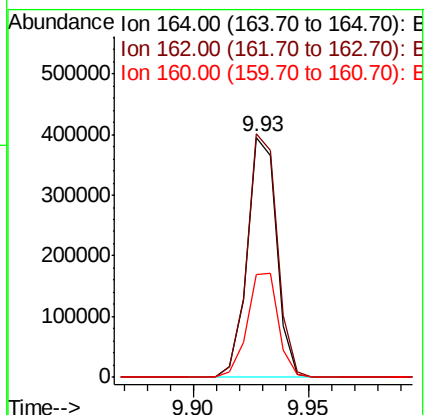
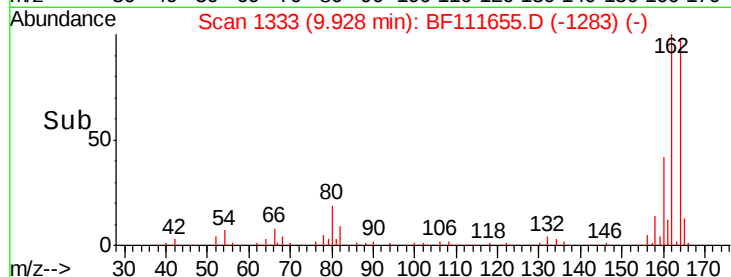
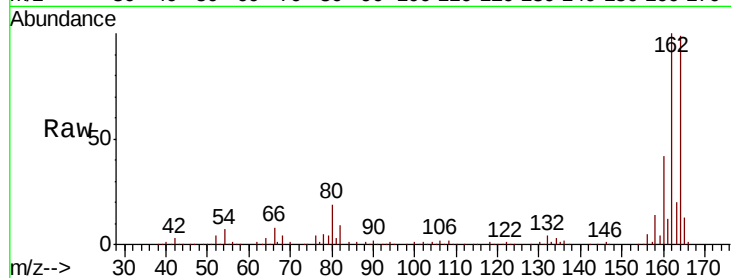
Tgt Ion:164 Resp: 352180

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 43.0 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 79.643 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

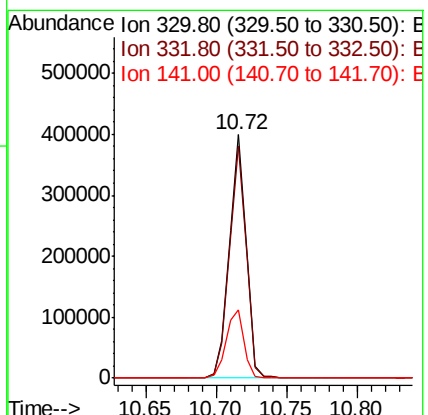
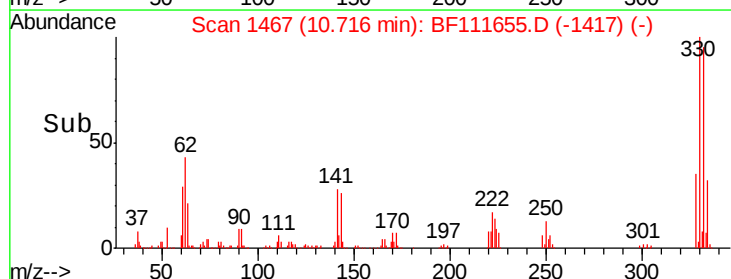
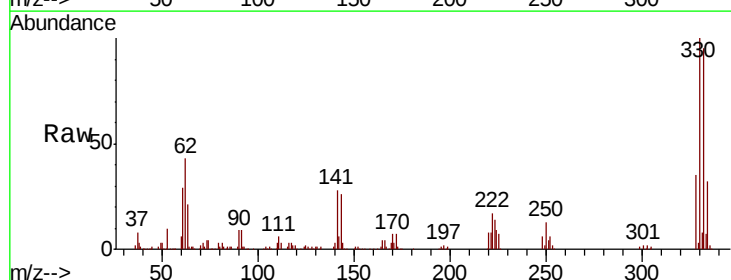
Tgt Ion:330 Resp: 331415

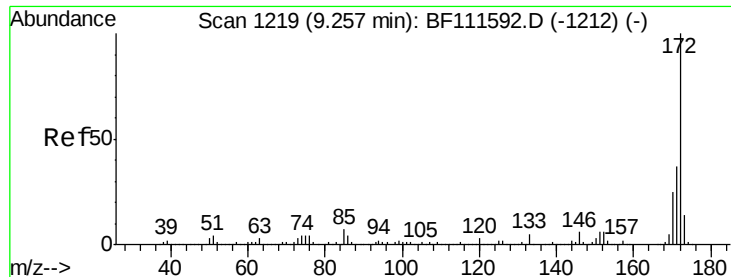
Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 29.7 31.0 46.6#

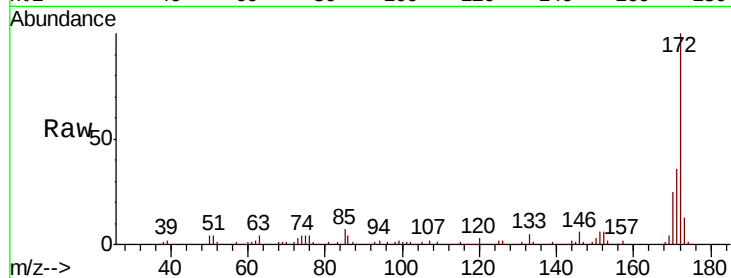




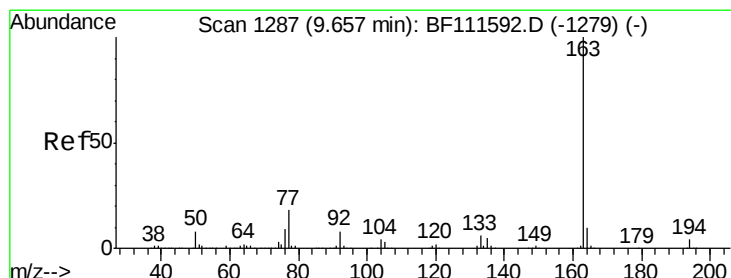
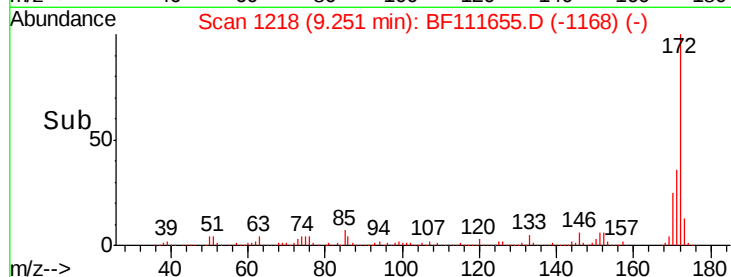
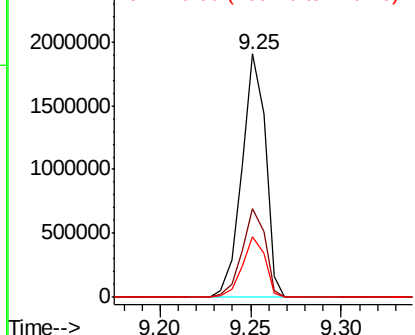
#45
 2-Fluorobiphenyl
 Concen: 71.294 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1722618
 Ion Ratio Lower Upper
 172 100
 171 36.3 33.0 49.4
 170 24.8 22.3 33.5

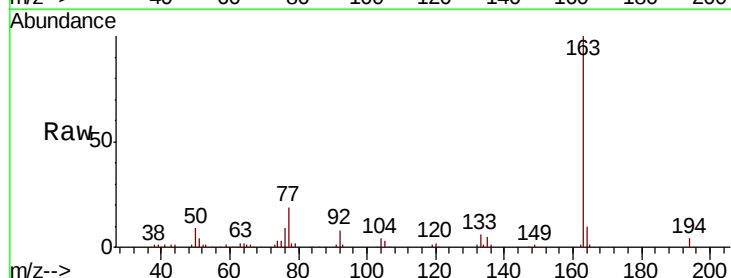


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

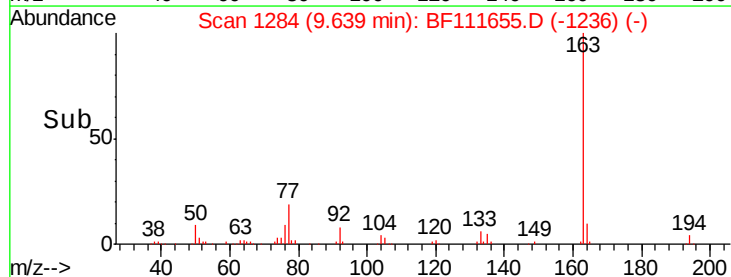
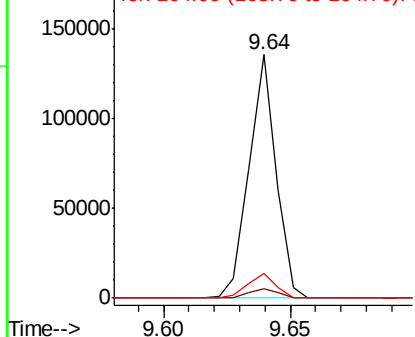


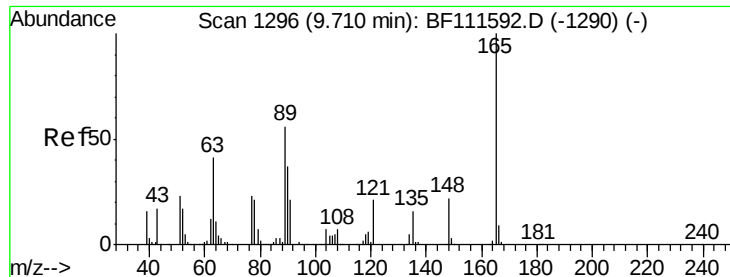
#50
 Dimethylphthalate
 Concen: 3.915 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Tgt Ion:163 Resp: 100815
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 10.4 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

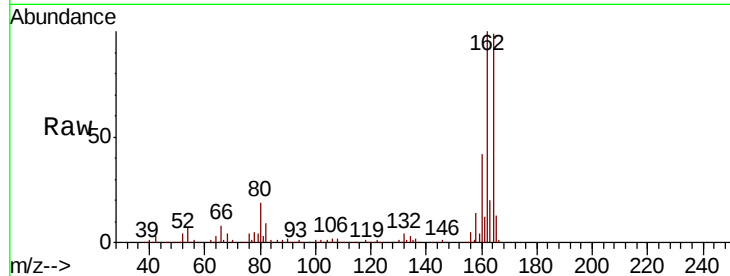




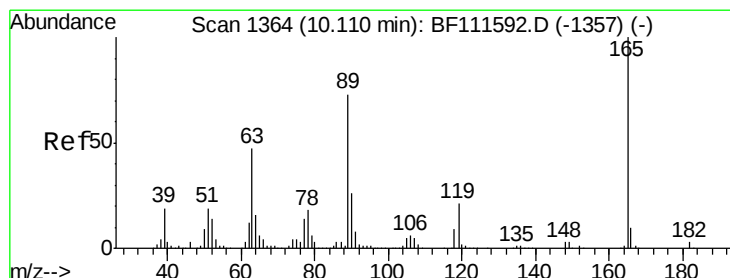
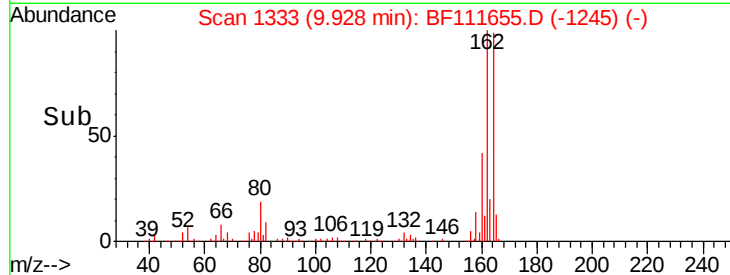
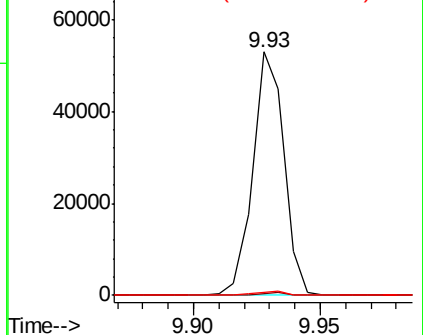
#51
 2,6-Dinitrotoluene
 Concen: 8.857 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45485		
63	0.9	40.5	60.7#	
89	1.4	40.0	60.0#	



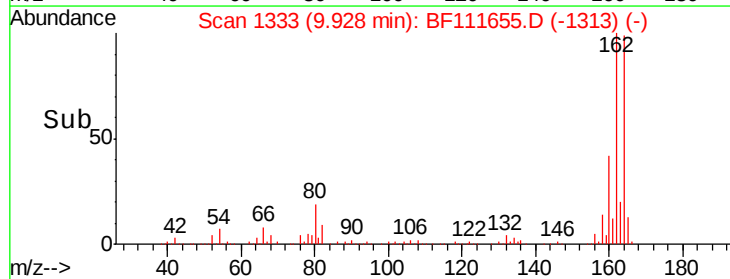
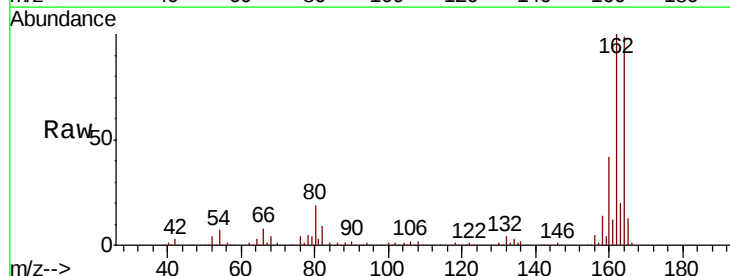
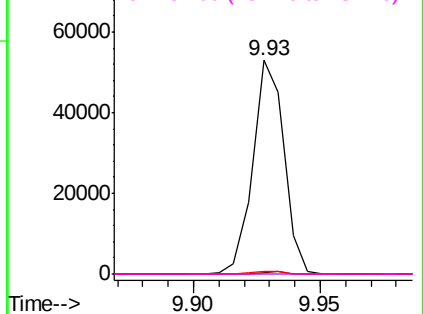
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

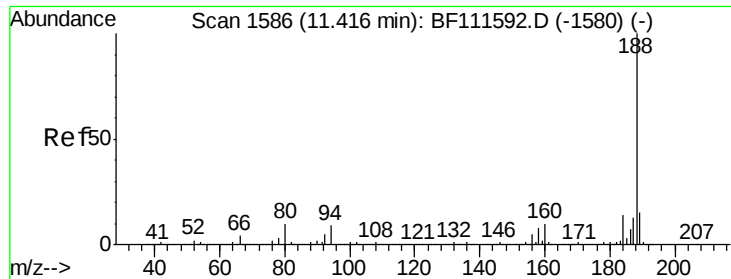


#57
 2,4-Dinitrotoluene
 Concen: 7.370 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45485		
63	0.9	34.6	52.0#	
89	1.4	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

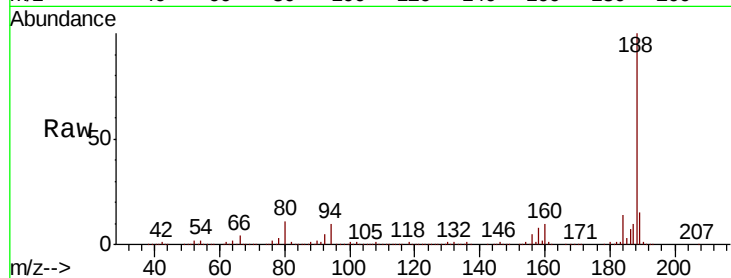




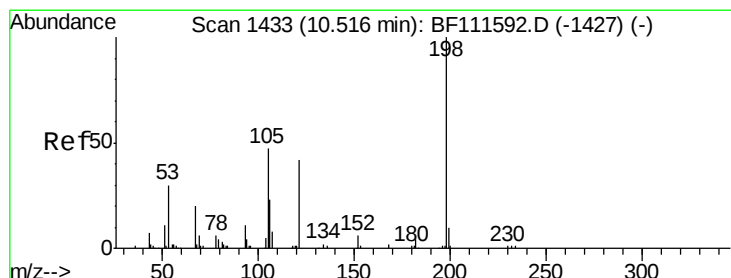
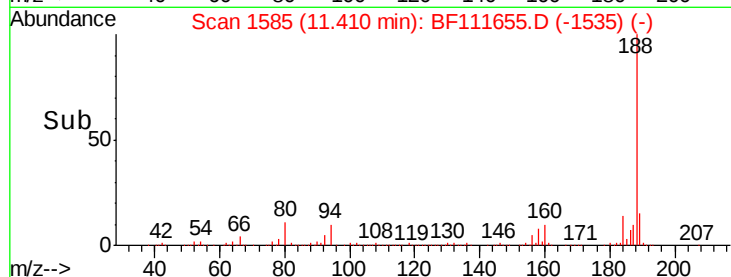
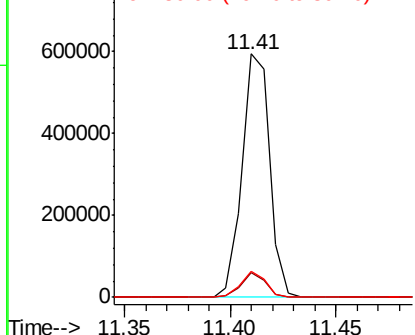
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:188 Resp: 537353
Ion Ratio Lower Upper
188 100
94 10.0 9.6 14.4
80 10.8 9.8 14.6

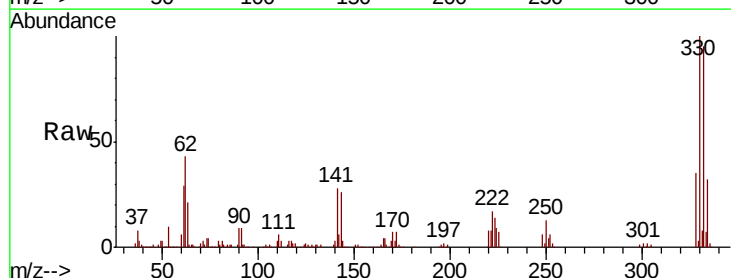


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

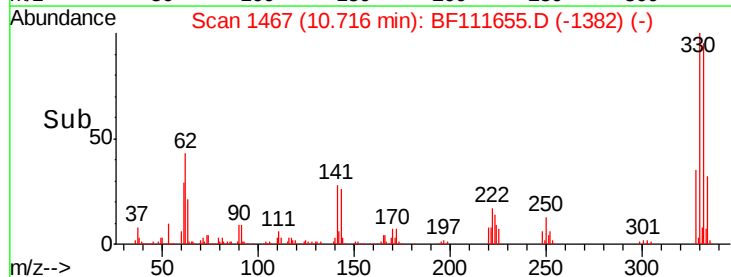
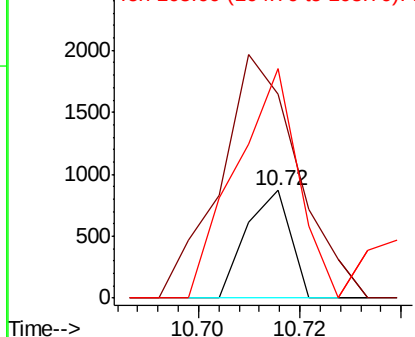


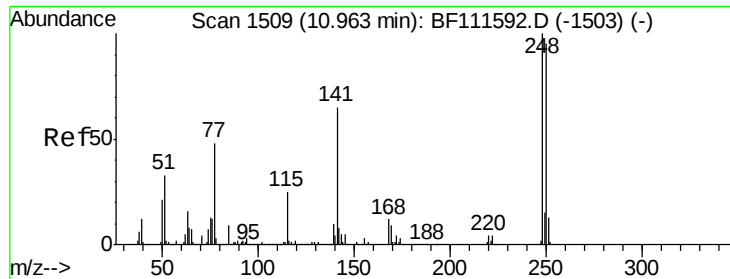
#65
4,6-Dinitro-2-methylphenol
Concen: 6.896 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111655.D
Acq: 20 Dec 2018 22:50

Tgt Ion:198 Resp: 525
Ion Ratio Lower Upper
198 100
51 188.7 48.0 88.0#
105 212.8 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

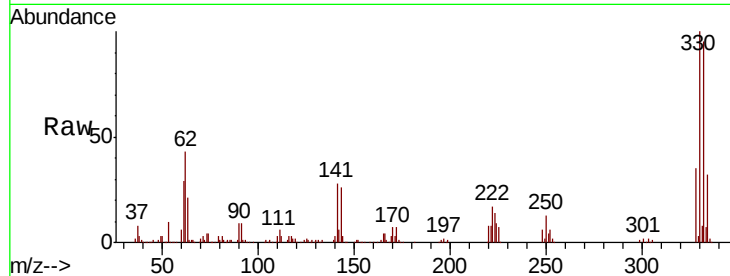




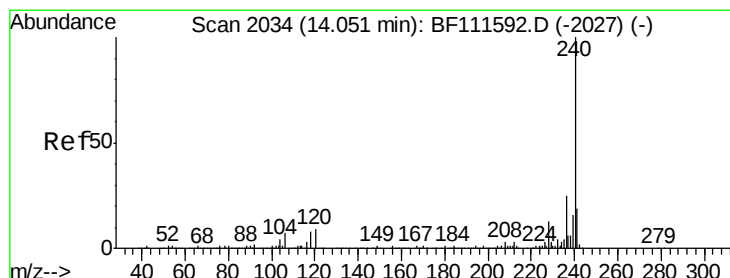
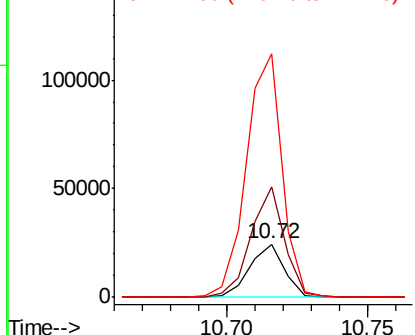
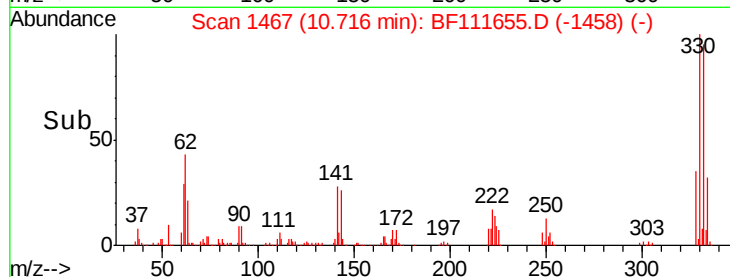
#67
 4-Bromophenyl-phenylether
 Concen: 3.114 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Instrument :
 BNA_F
 ClientSampled :
 P-2

Tgt Ion:248 Resp: 20753
 Ion Ratio Lower Upper
 248 100
 250 207.9 77.0 115.4#
 141 459.0 63.0 94.6#

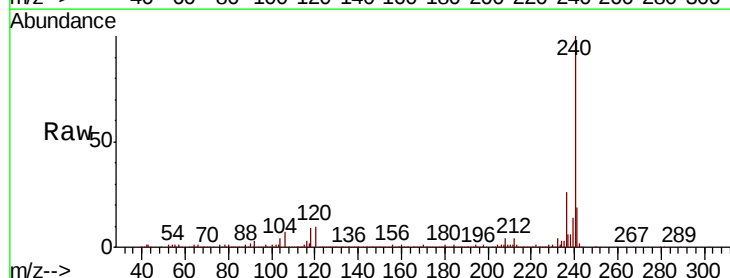


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

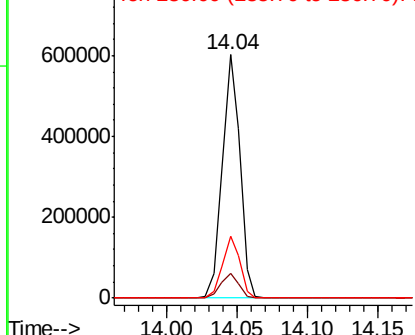
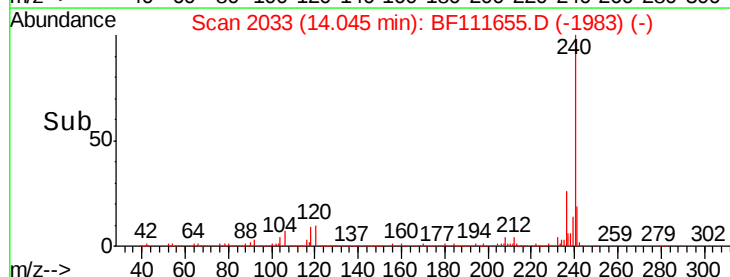


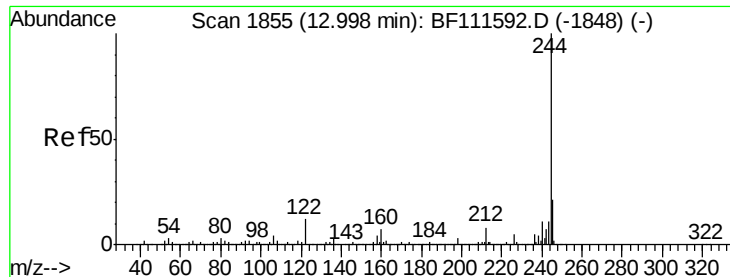
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111655.D
 Acq: 20 Dec 2018 22:50

Tgt Ion:240 Resp: 523448
 Ion Ratio Lower Upper
 240 100
 120 10.2 12.2 18.2#
 236 25.6 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: 49.060 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

Instrument :

BNA_F

ClientSampleId :

P-2

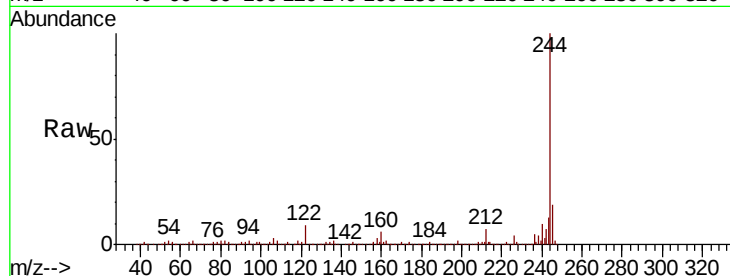
Tgt Ion:244 Resp: 1354153

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

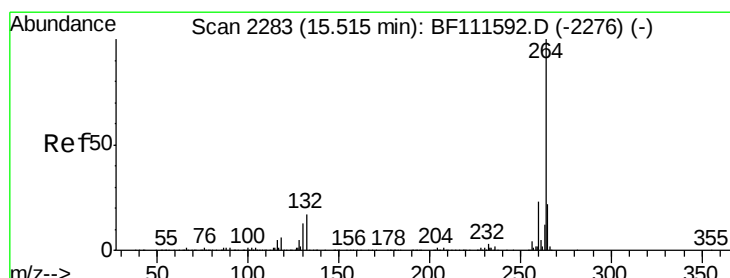
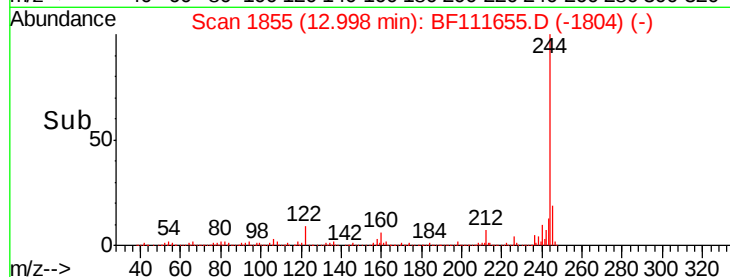
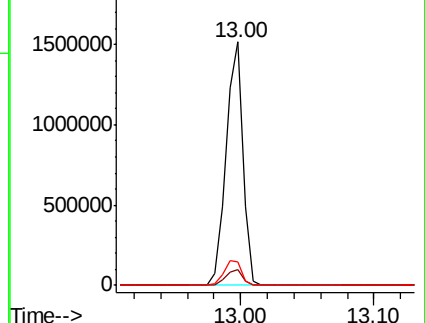
122 9.4 13.1 19.7#



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111655.D

Acq: 20 Dec 2018 22:50

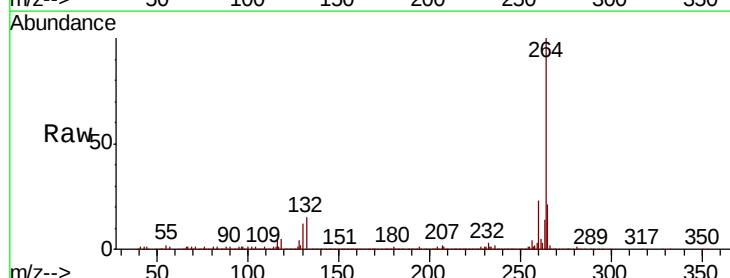
Tgt Ion:264 Resp: 403890

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.3 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

