

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113347.D
 Acq On : 28 Mar 2019 00:03
 Operator : JU/SJ
 Sample : K2110-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30036

Quant Time: Mar 28 01:11:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

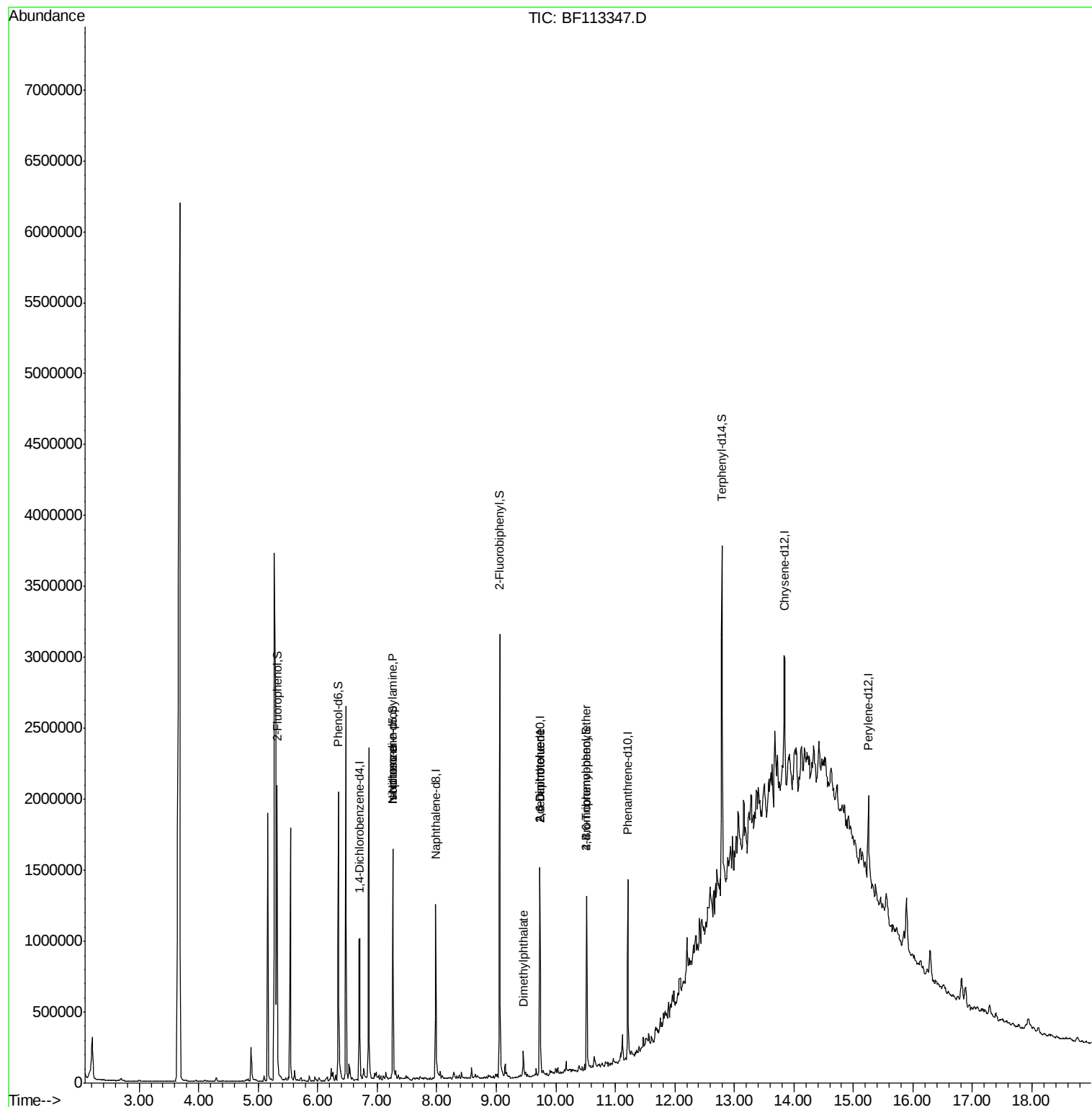
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170998	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	640809	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	296335	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	510639	20.00	ng	0.00
76) Chrysene-d12	13.84	240	378088	20.00	ng	0.00
87) Perylene-d12	15.25	264	325987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	608926	58.23	ng	0.00
7) Phenol-d6	6.35	99	812567	61.42	ng	-0.01
23) Nitrobenzene-d5	7.26	82	529451	49.04	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	200054	54.65	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1059522	48.46	ng	0.00
79) Terphenyl-d14	12.79	244	836079	48.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	65917	7.932	ng	# 75
20) 3+4-Methylphenols	7.15	107	9017	Below Cal		85
25) Isophorone	7.26	82	508627	24.310	ng	# 64
50) Dimethylphthalate	9.45	163	68745	3.130	ng	98
51) 2,6-Dinitrotoluene	9.73	165	39963	8.066	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	39963	6.343	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	11166	2.006	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: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113347.D

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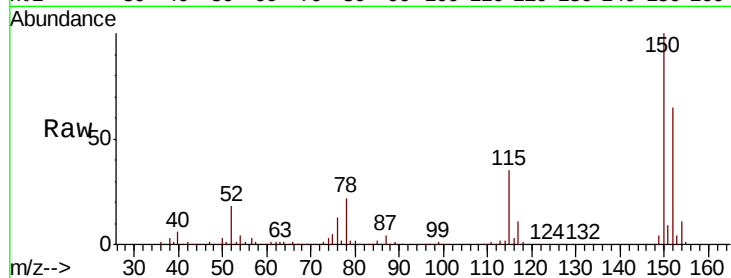
Tgt Ion:152 Resp: 170998

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

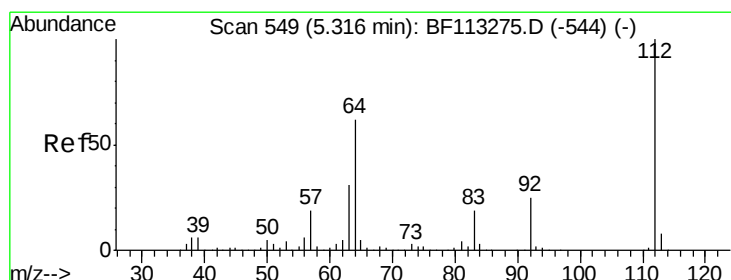
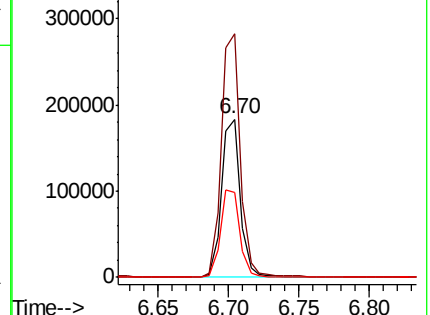
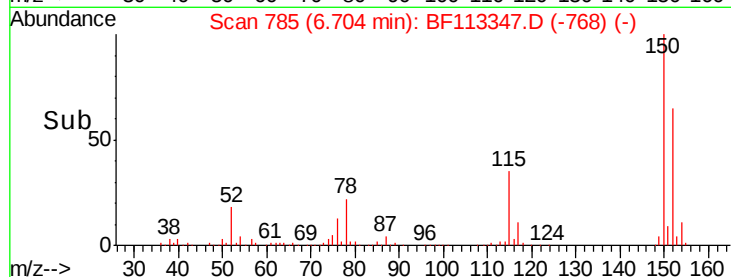
115 53.9 46.0 69.0



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: 58.227 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

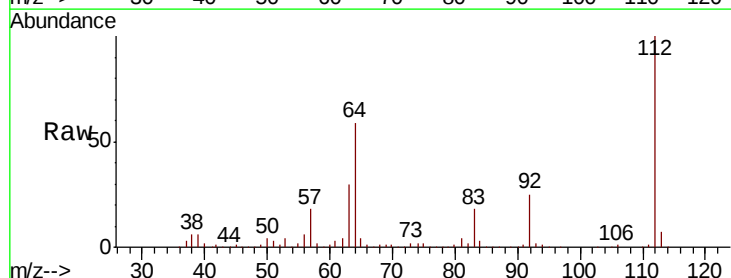
Tgt Ion:112 Resp: 608926

Ion Ratio Lower Upper

112 100

64 58.8 49.2 73.8

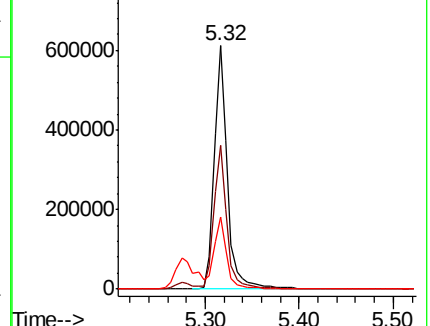
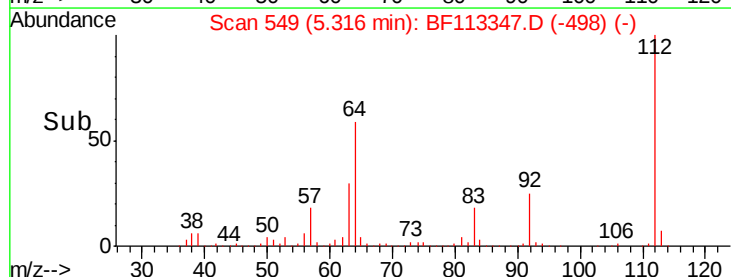
63 29.8 24.9 37.3



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: 61.420 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

Instrument :

BNA_F

ClientSampleId :

30036

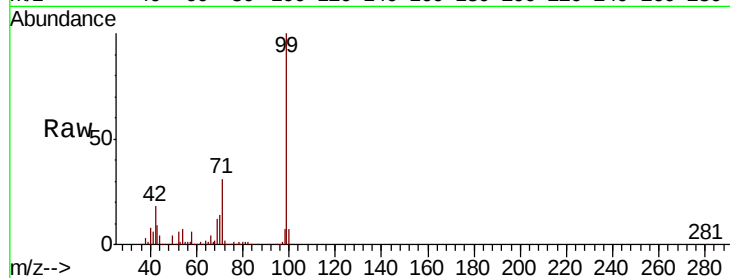
Tgt Ion: 99 Resp: 812567

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

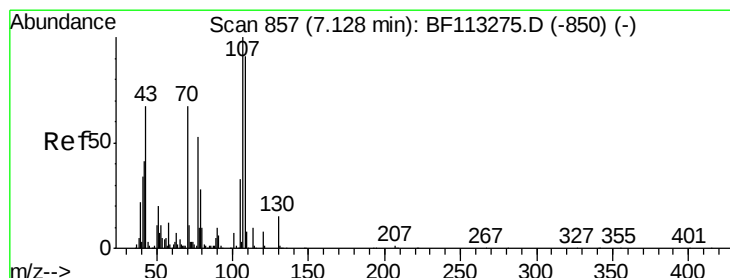
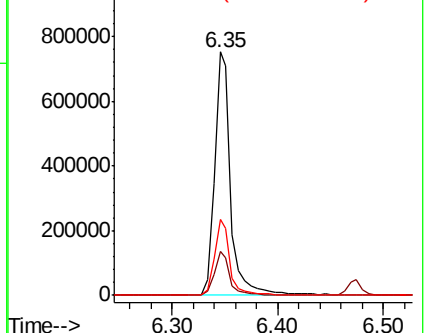
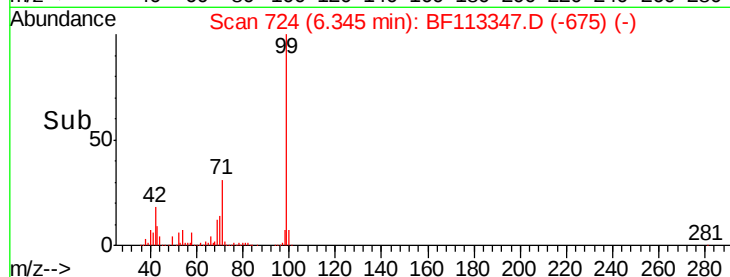
71 31.1 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.932 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

Tgt Ion: 70 Resp: 65917

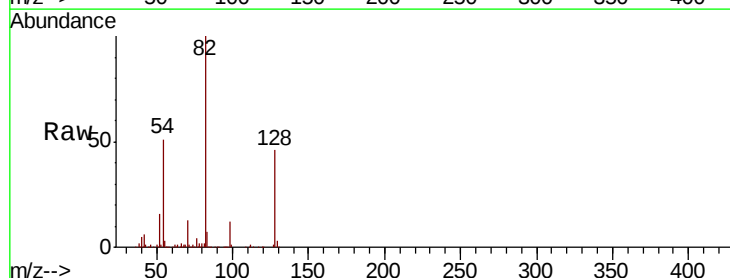
Ion Ratio Lower Upper

70 100

42 47.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.0 18.2 27.4#

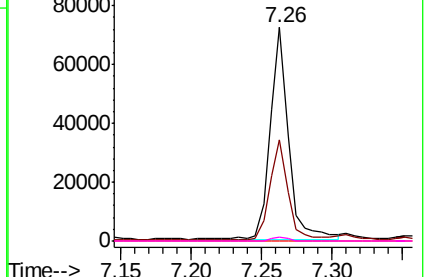
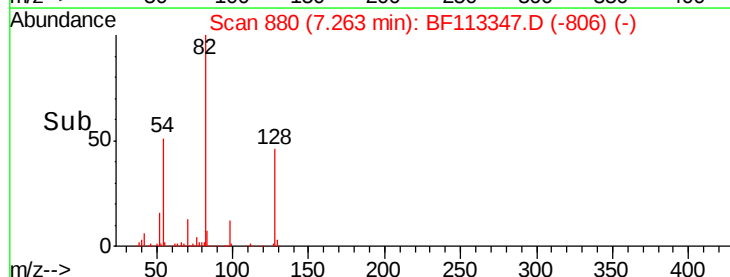


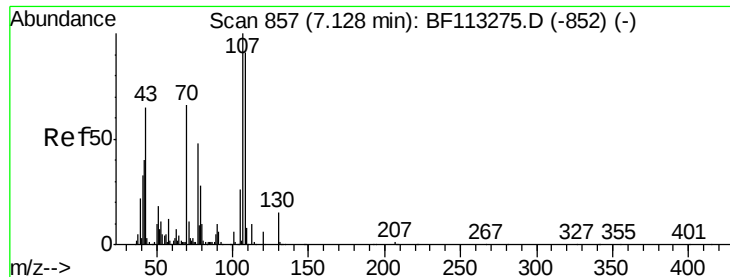
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

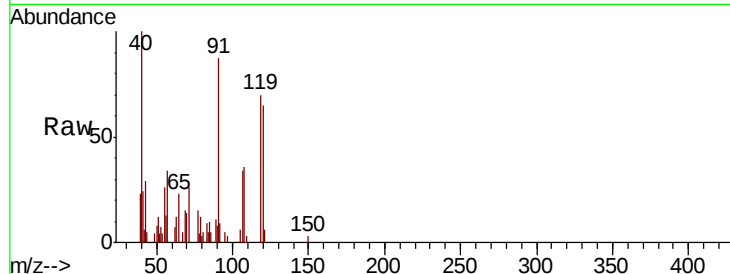




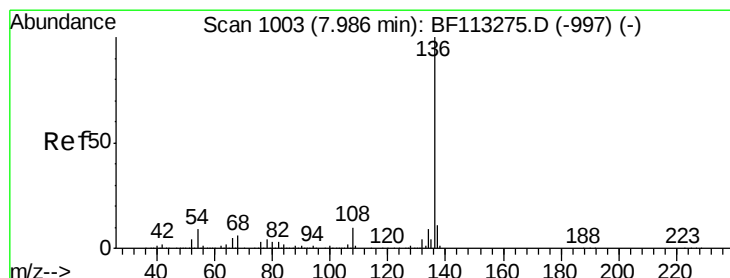
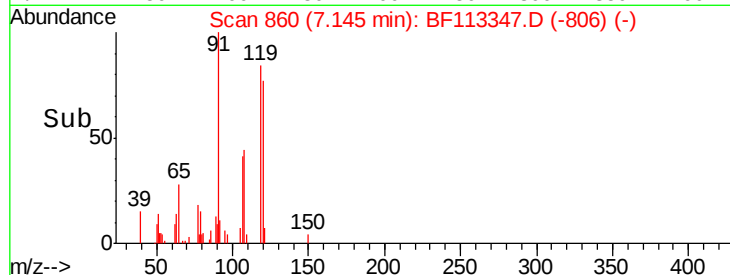
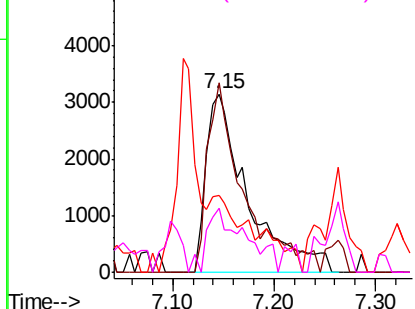
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

Instrument :
BNA_F
ClientSampleId :
30036

Tgt Ion:107 Resp: 9017
Ion Ratio Lower Upper
107 100
108 106.5 71.4 111.4
77 43.4 33.5 73.5
79 36.2 8.3 48.3



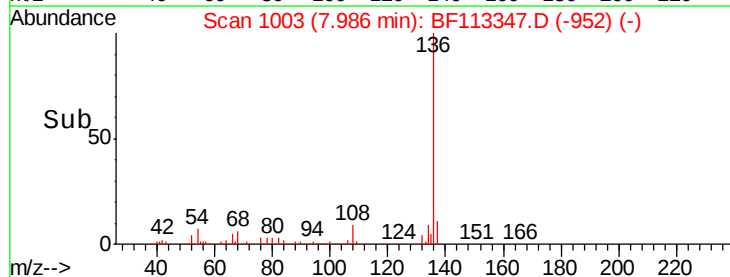
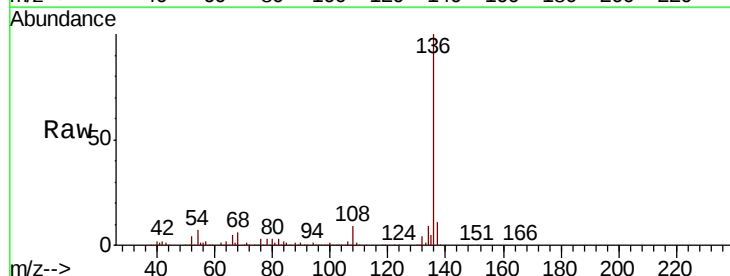
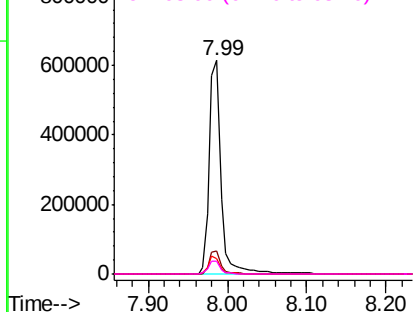
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

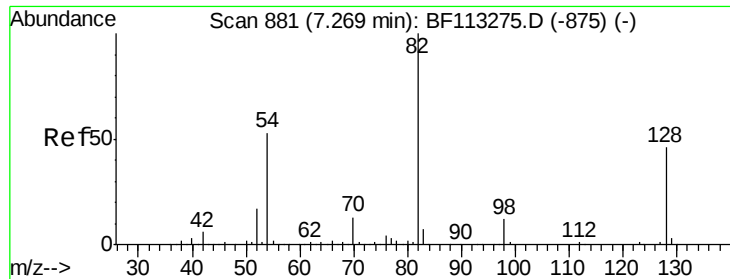


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

Tgt Ion:136 Resp: 640809
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.5 7.0 10.6
68 5.9 4.8 7.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

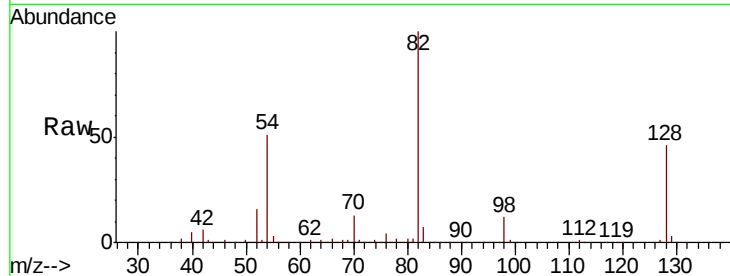




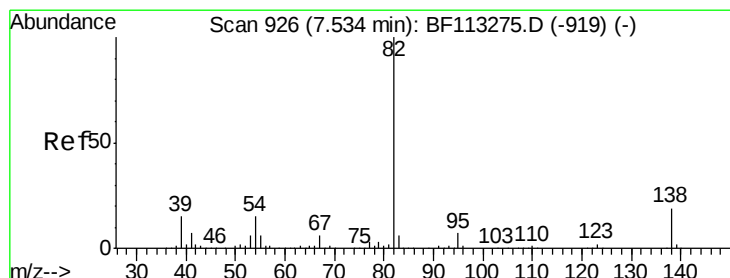
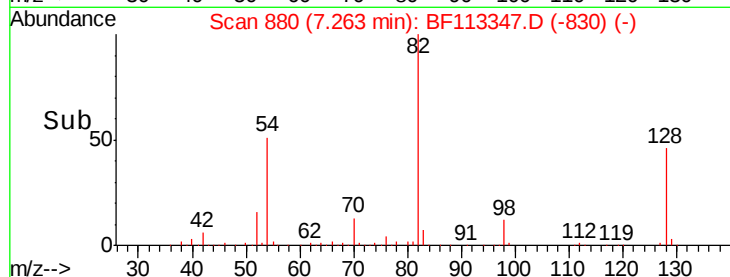
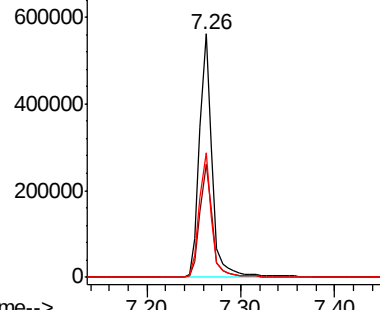
#23
Nitrobenzene-d5
Concen: 49.040 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

Instrument :
BNA_F
ClientSampled :
30036

Tgt Ion: 82 Resp: 529451
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 51.1 42.2 63.2

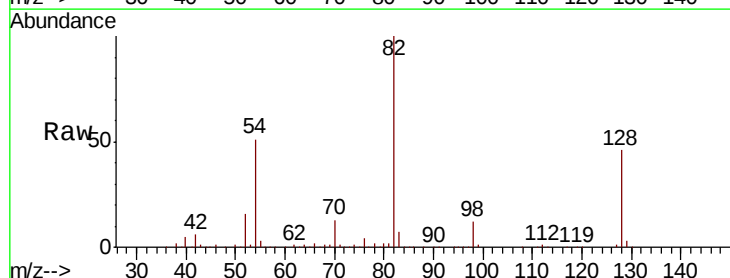


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

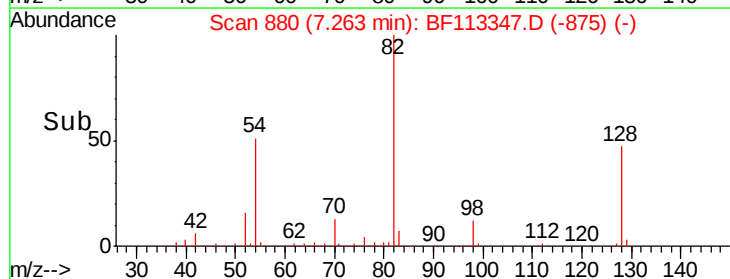
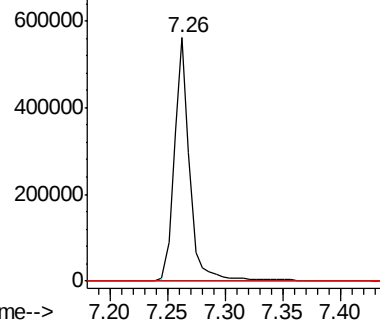


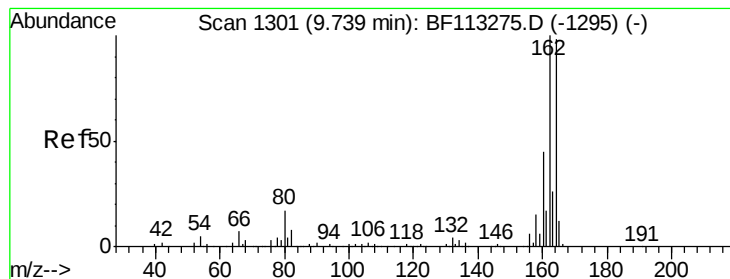
#25
Isophorone
Concen: 24.310 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

Tgt Ion: 82 Resp: 508627
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 15.2 22.8#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

Instrument :

BNA_F

ClientSampled :

30036

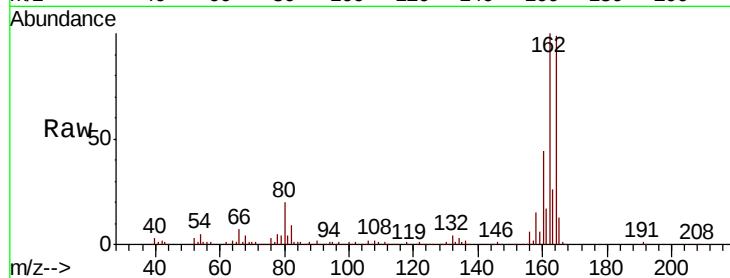
Tgt Ion:164 Resp: 296335

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

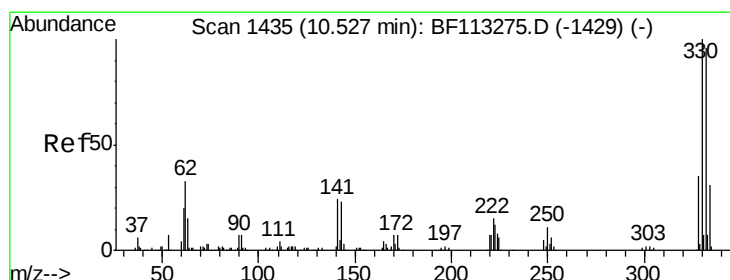
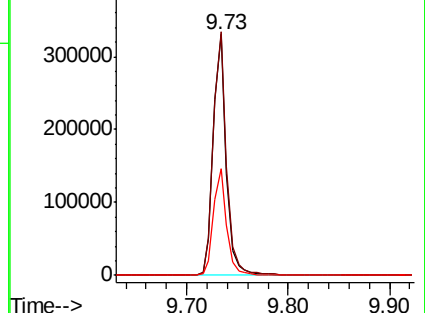
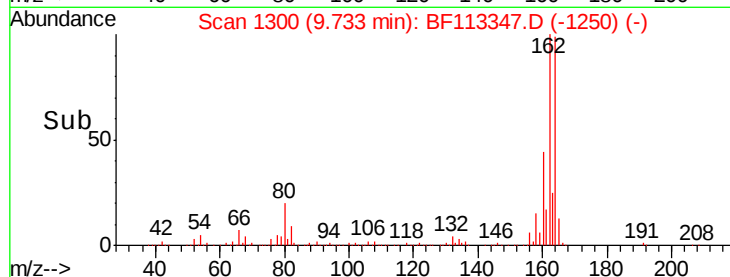
160 44.3 36.4 54.6



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: 54.653 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

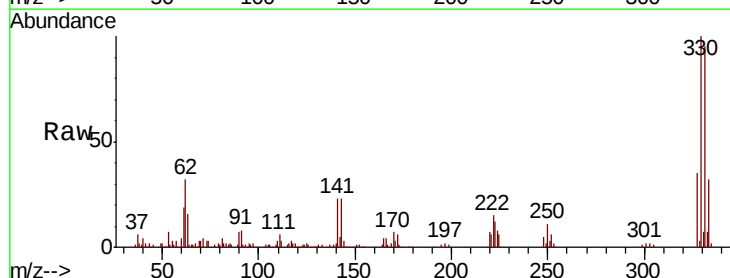
Tgt Ion:330 Resp: 200054

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

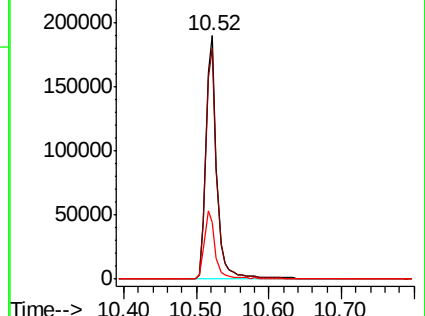
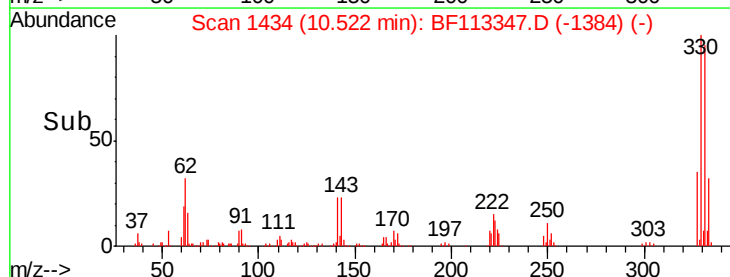
141 28.2 22.7 34.1

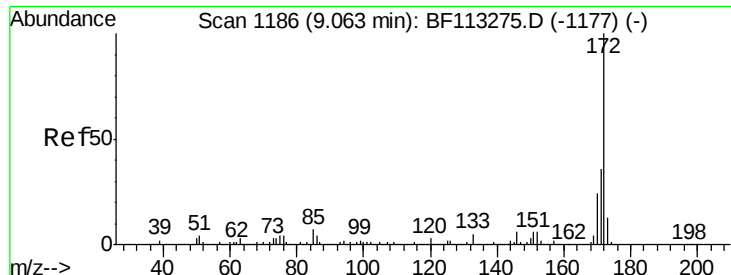


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

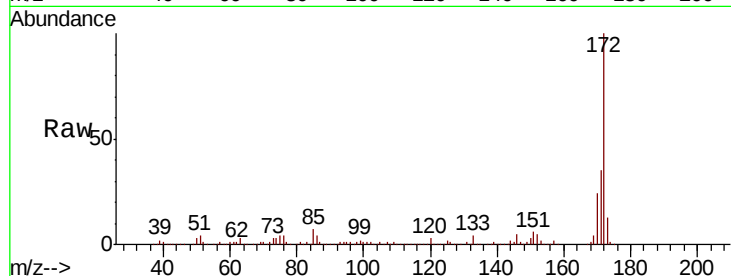




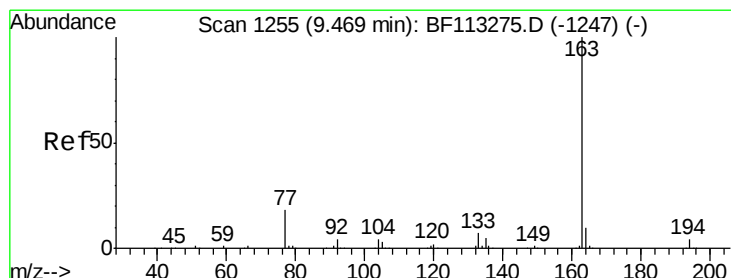
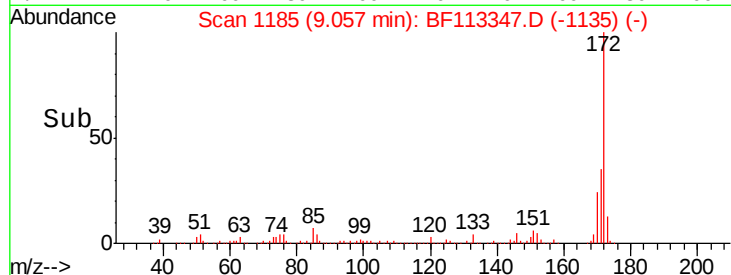
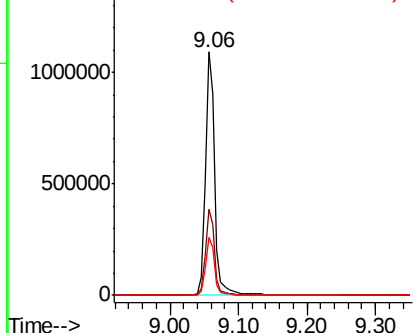
#45
 2-Fluorobiphenyl
 Concen: 48.457 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113347.D
 Acq: 28 Mar 2019 00:03

Instrument :
 BNA_F
 ClientSampled :
 30036

Tgt Ion:172 Resp: 1059522
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 23.6 19.5 29.3

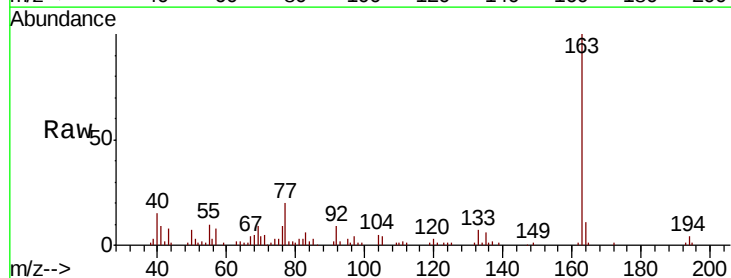


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

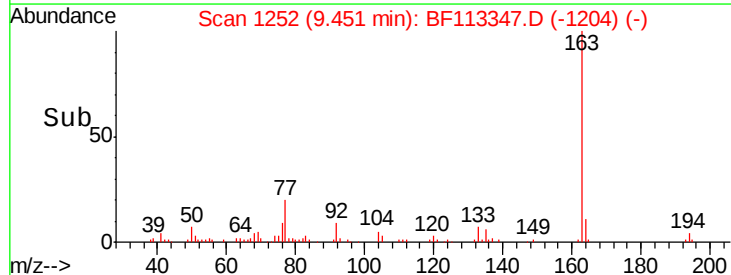
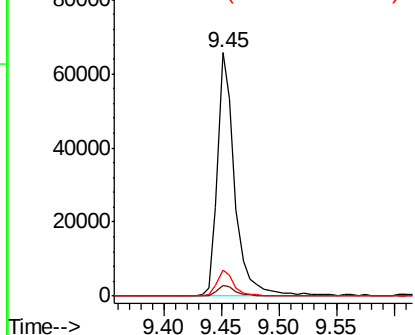


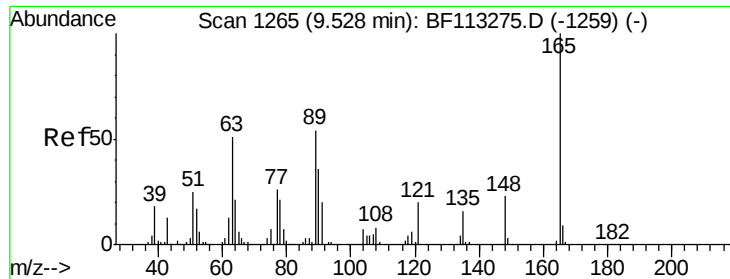
#50
 Dimethylphthalate
 Concen: 3.130 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113347.D
 Acq: 28 Mar 2019 00:03

Tgt Ion:163 Resp: 68745
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.0 4.6
 164 10.9 8.1 12.1



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

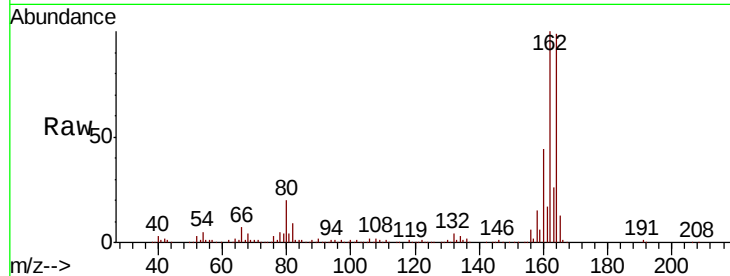




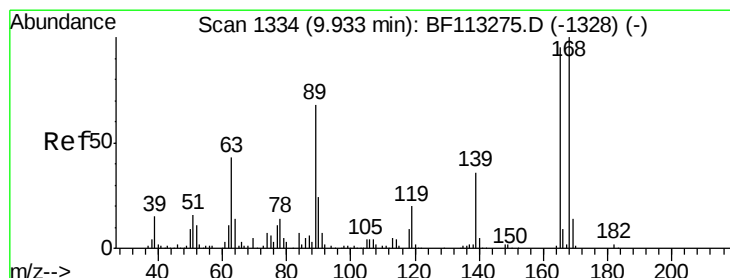
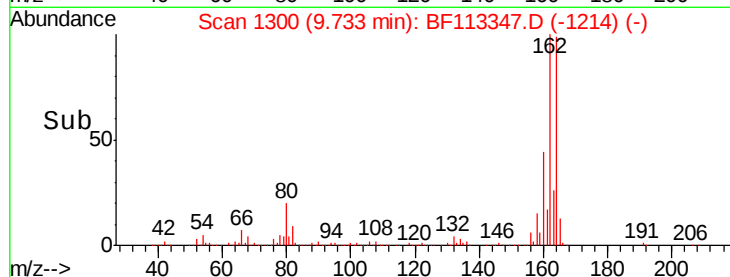
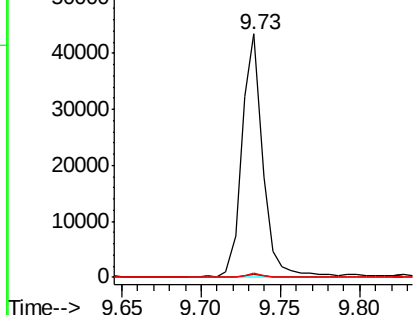
#51
 2,6-Dinitrotoluene
 Concen: 8.066 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113347.D
 Acq: 28 Mar 2019 00:03

Instrument :
 BNA_F
 ClientSampleId :
 30036

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.5	43.1	64.7#

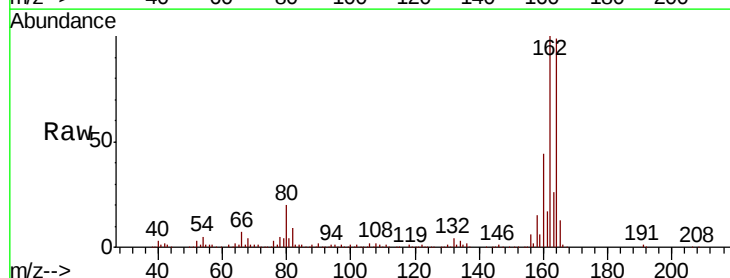


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

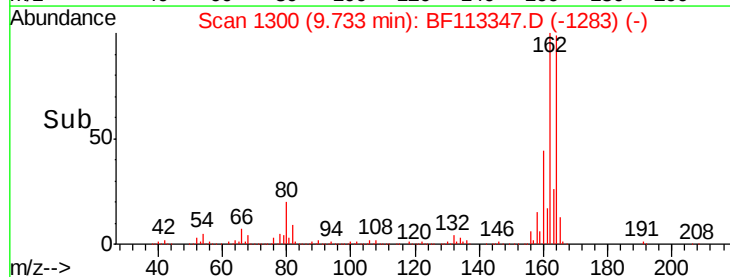
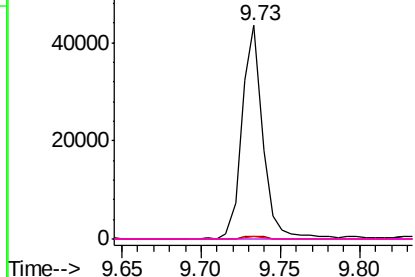


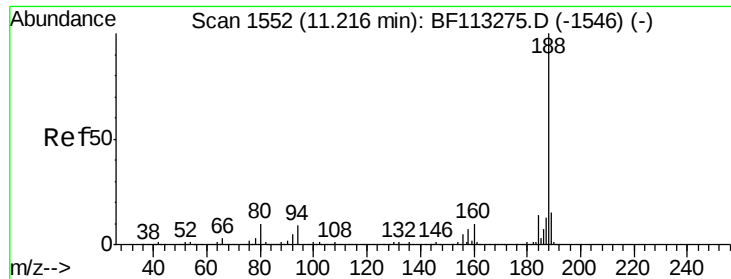
#57
 2,4-Dinitrotoluene
 Concen: 6.343 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113347.D
 Acq: 28 Mar 2019 00:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

Instrument :

BNA_F

ClientSampleId :

30036

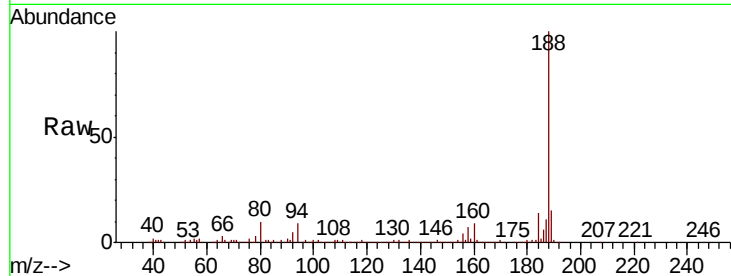
Tgt Ion:188 Resp: 510639

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

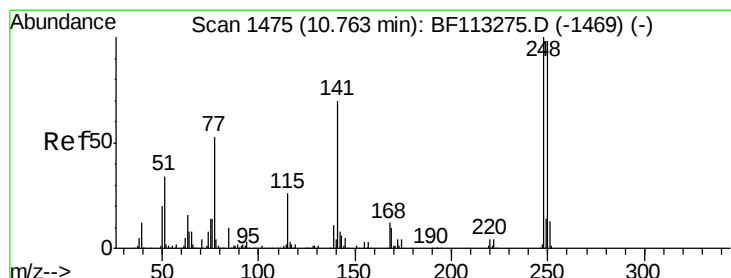
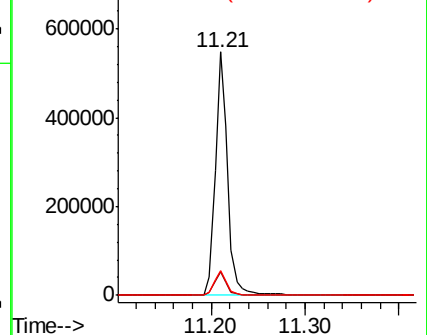
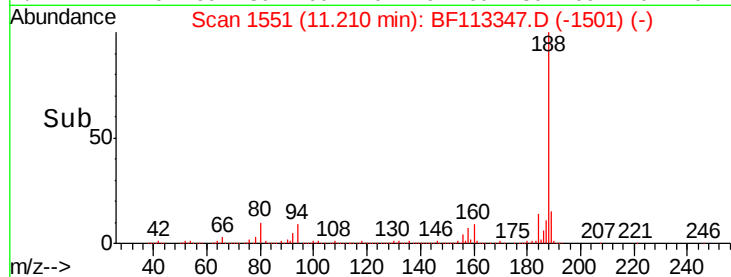
80 10.1 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.006 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF113347.D

Acq: 28 Mar 2019 00:03

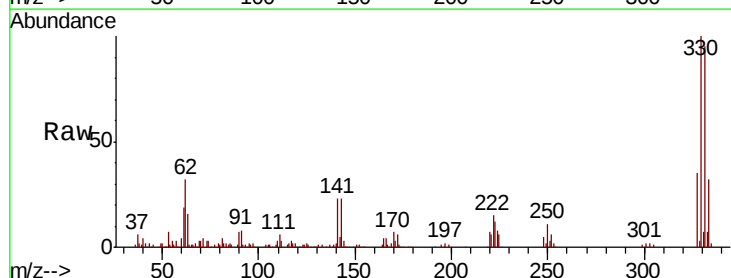
Tgt Ion:248 Resp: 11166

Ion Ratio Lower Upper

248 100

250 202.8 78.3 117.5#

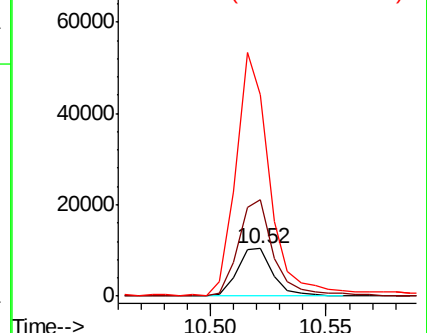
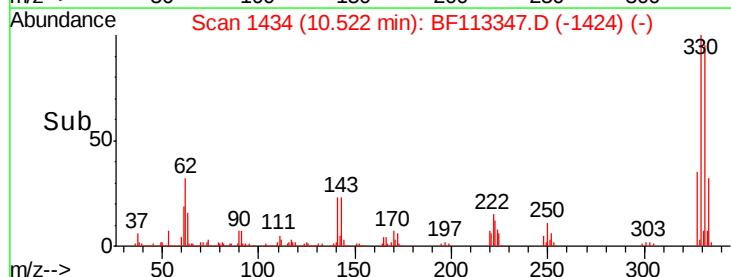
141 424.6 56.2 84.4#

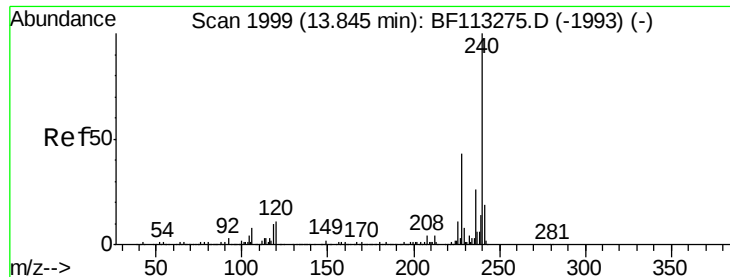


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

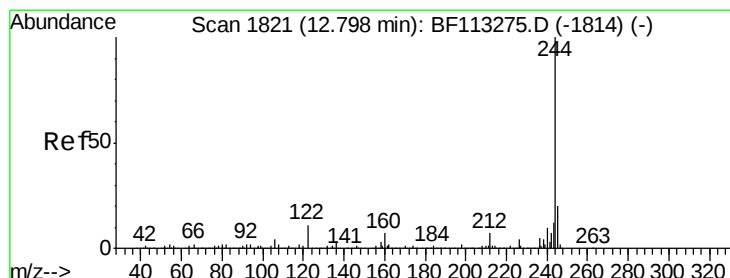
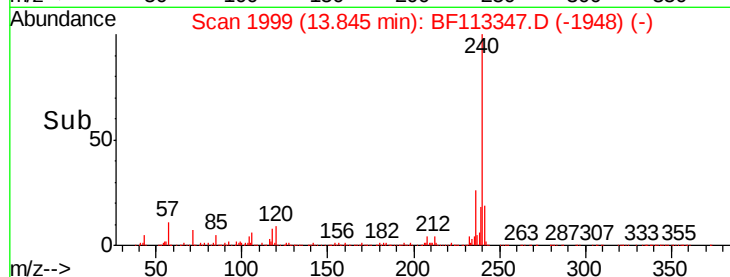
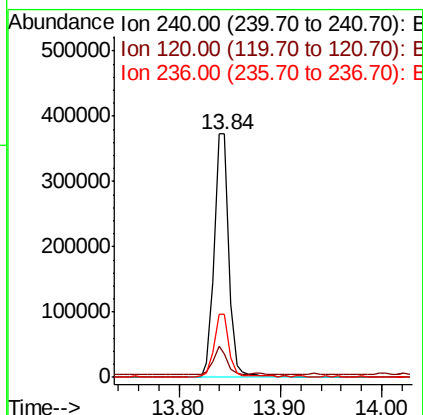
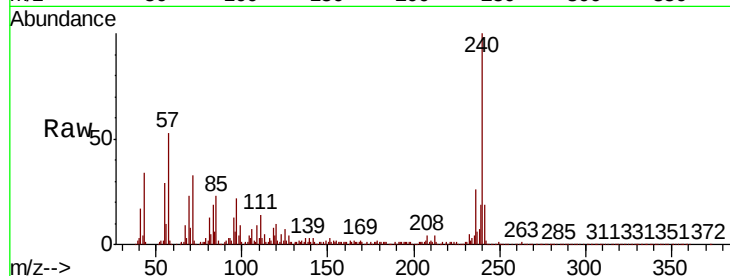




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

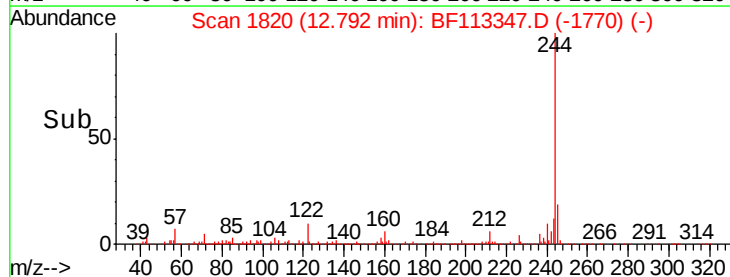
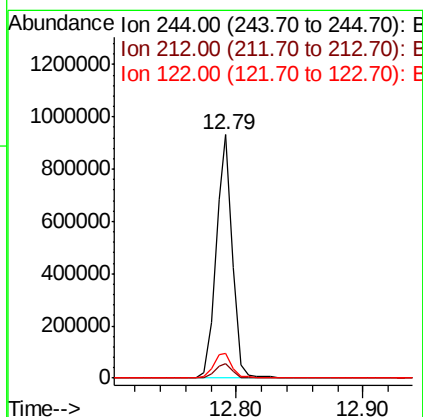
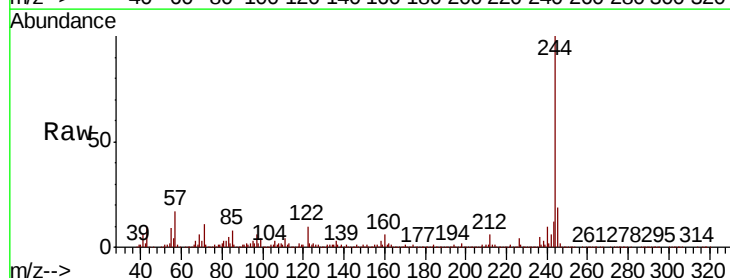
Instrument :
BNA_F
ClientSampleId :
30036

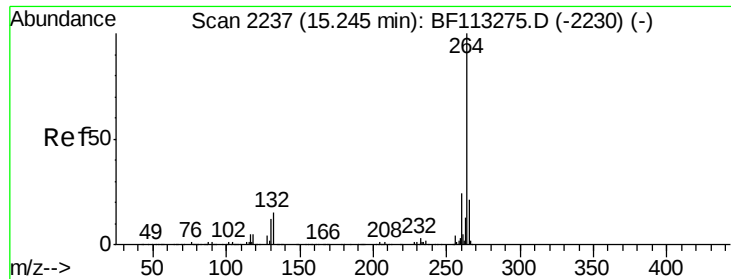
Tgt Ion:240 Resp: 378088
Ion Ratio Lower Upper
240 100
120 9.9 8.8 13.2
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 48.742 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

Tgt Ion:244 Resp: 836079
Ion Ratio Lower Upper
244 100
212 6.2 5.5 8.3
122 10.4 8.6 13.0

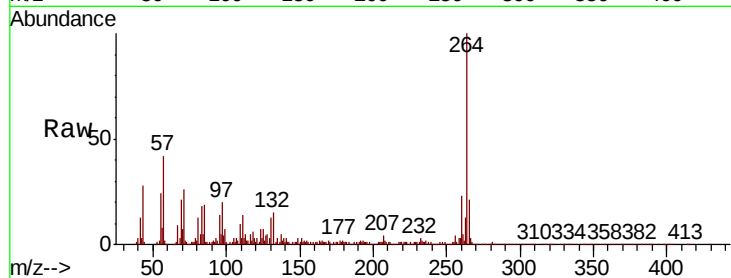




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113347.D
Acq: 28 Mar 2019 00:03

Instrument :
BNA_F
ClientSampleId :
30036

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.5	17.1	25.7



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

