

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113290.D
 Acq On : 26 Mar 2019 14:25
 Operator : JU/SJ
 Sample : K2081-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMP

Quant Time: Mar 27 04:56:38 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

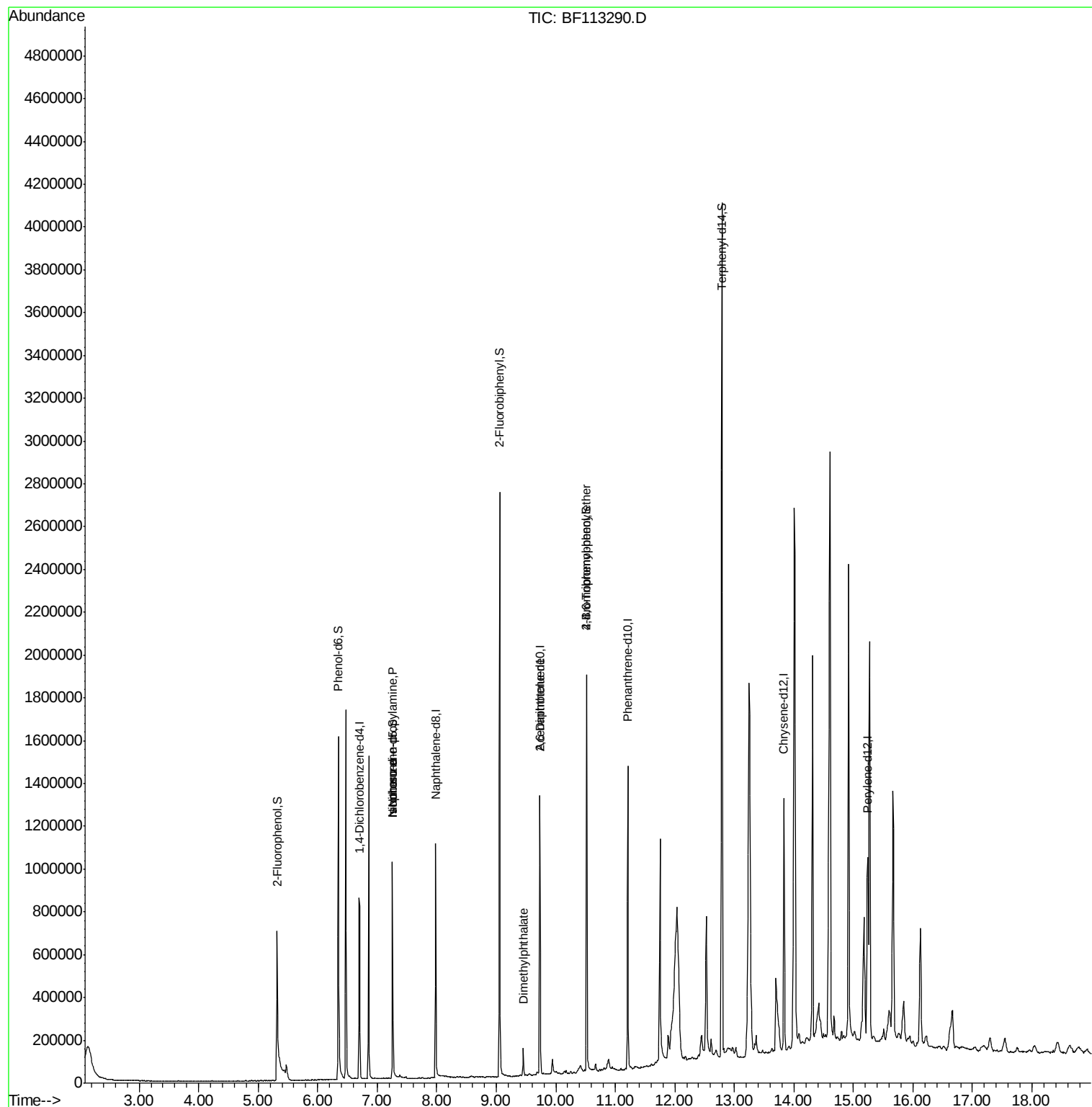
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	135543	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	526027	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	255823	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	512944	20.00	ng	0.00
76) Chrysene-d12	13.83	240	432658	20.00	ng	-0.01
87) Perylene-d12	15.24	264	398923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	343880	41.48	ng	0.00
7) Phenol-d6	6.35	99	606362	57.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	356024	40.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	277198	87.72	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	854347	43.79	ng	0.00
79) Terphenyl-d14	12.79	244	1392594	70.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	47378	7.193	ng	# 77
25) Isophorone	7.26	82	351465	20.463	ng	# 64
50) Dimethylphthalate	9.45	163	45454	2.398	ng	98
51) 2,6-Dinitrotoluene	9.73	165	32995	7.715	ng	# 26
67) 4-Bromophenyl-phenylether	10.52	248	15321	2.740	ng	# 1

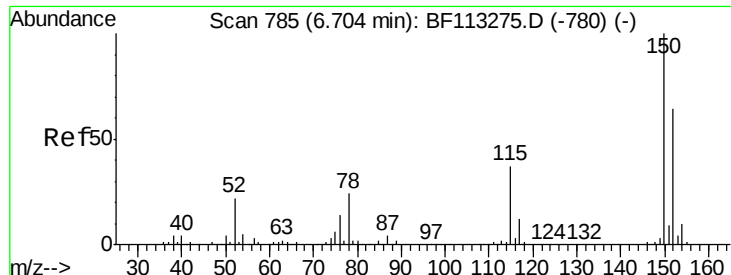
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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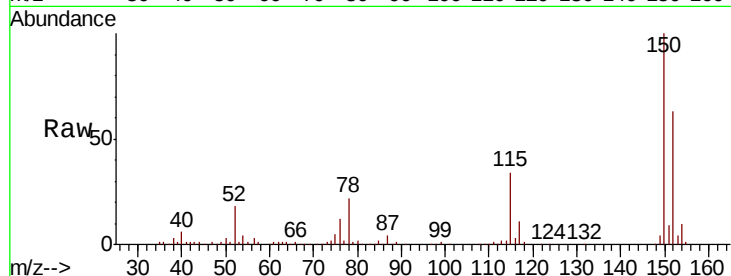


#1

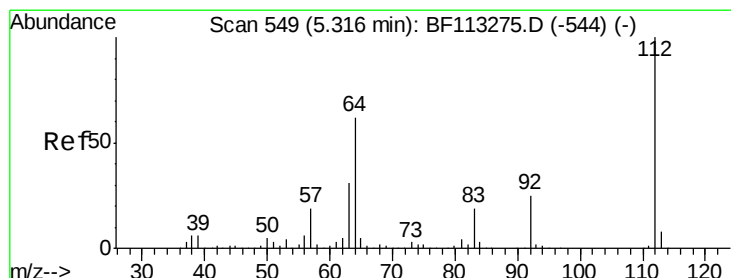
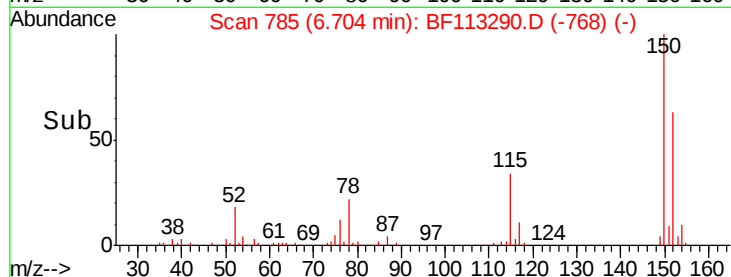
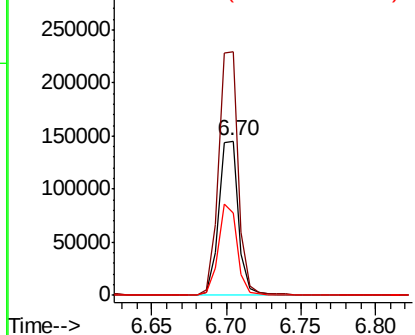
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113290.D
Acq: 26 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMP

Tgt Ion:152 Resp: 135543
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 53.4 46.0 69.0



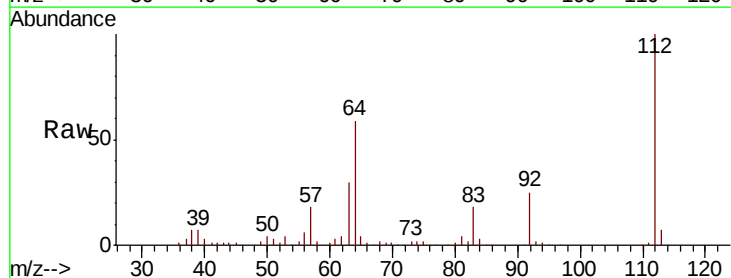
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



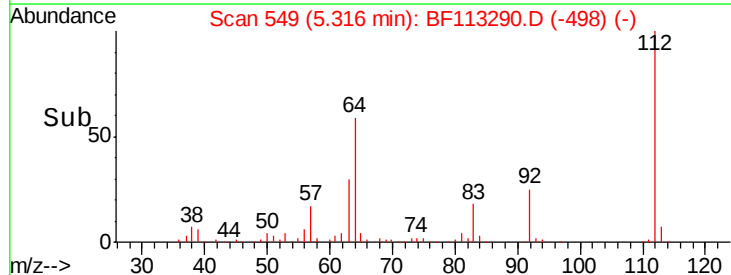
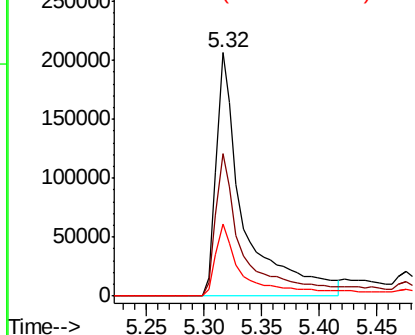
#5

2-Fluorophenol
Concen: 41.484 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113290.D
Acq: 26 Mar 2019 14:25

Tgt Ion:112 Resp: 343880
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 29.7 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: 57.822 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113290.D

Acq: 26 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMP

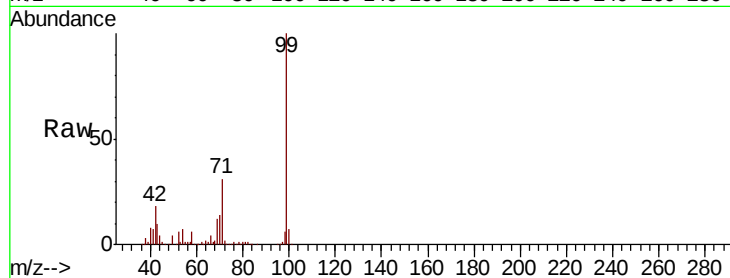
Tgt Ion: 99 Resp: 606362

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

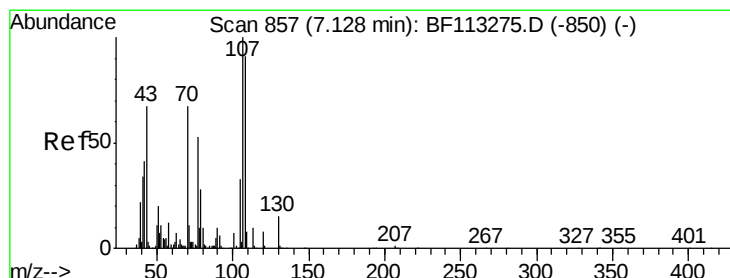
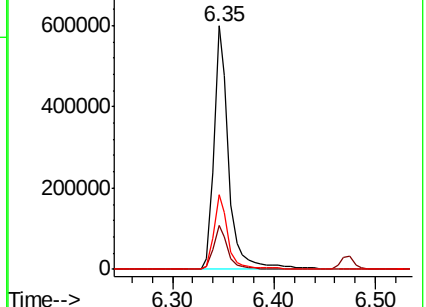
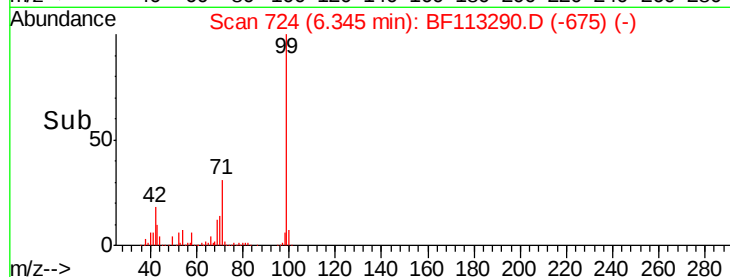
71 30.8 24.9 37.3



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: 7.193 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113290.D

Acq: 26 Mar 2019 14:25

Tgt Ion: 70 Resp: 47378

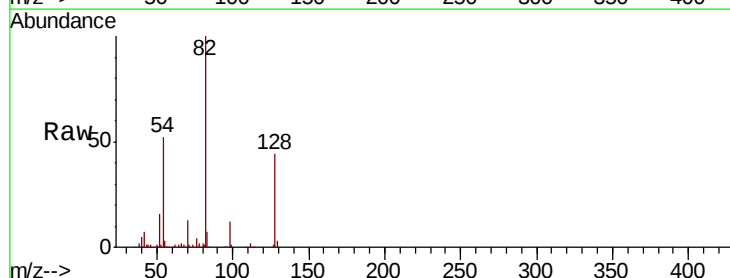
Ion Ratio Lower Upper

70 100

42 49.7 48.4 72.6

101 0.0 7.8 11.8#

130 1.8 18.2 27.4#

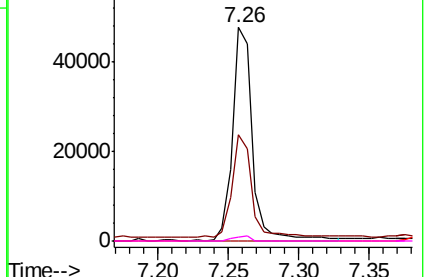
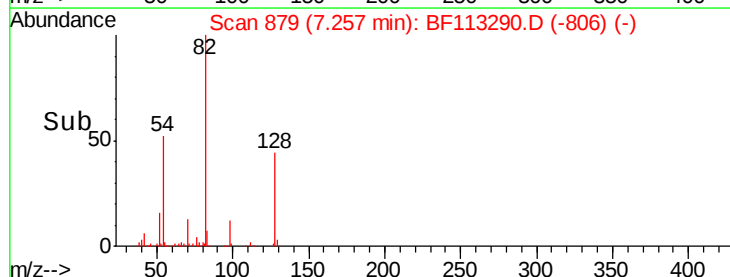


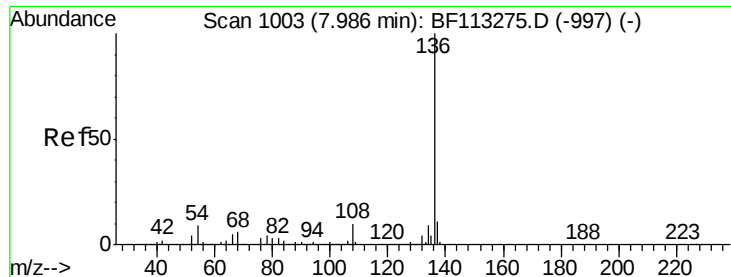
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

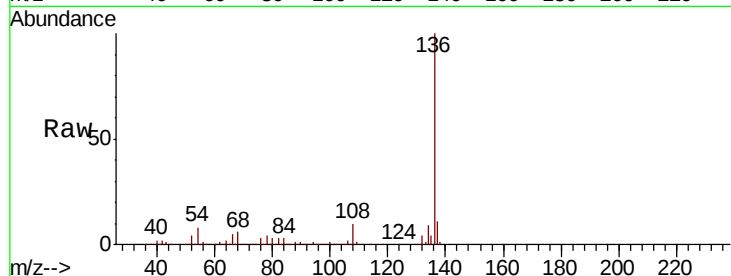




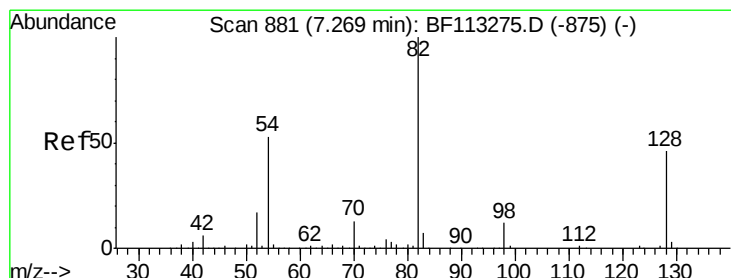
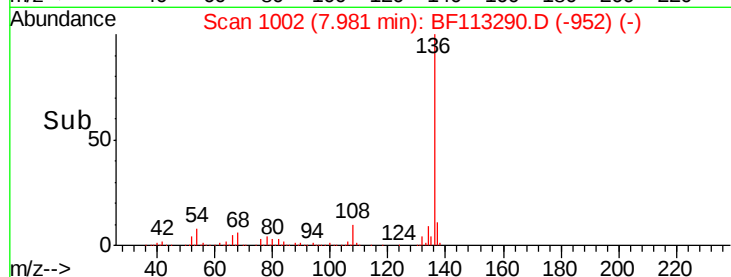
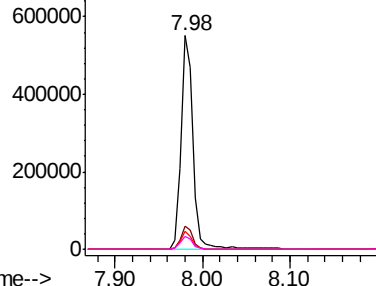
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113290.D
Acq: 26 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMP

Tgt Ion:	136	Resp:	526027
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	7.0	10.6
68	6.1	4.8	7.2

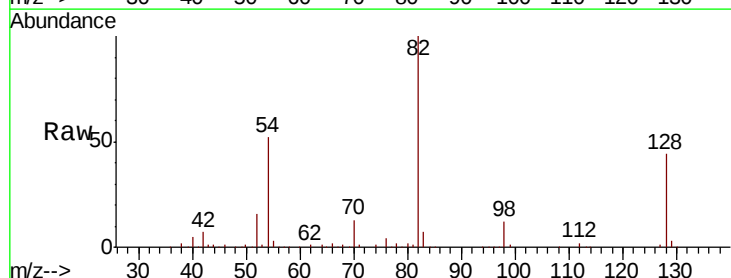


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

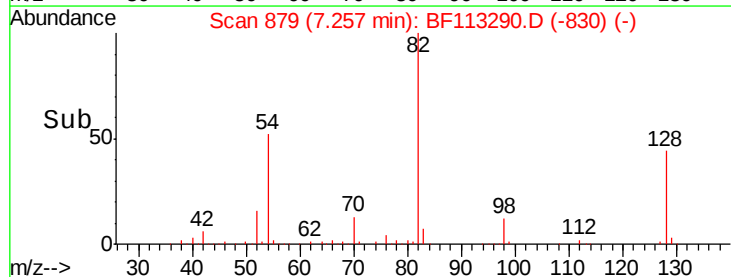
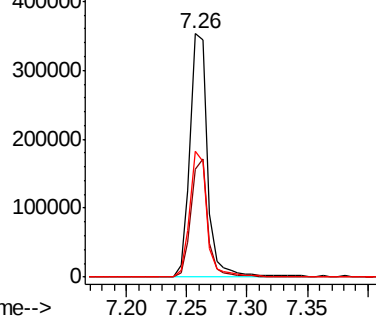


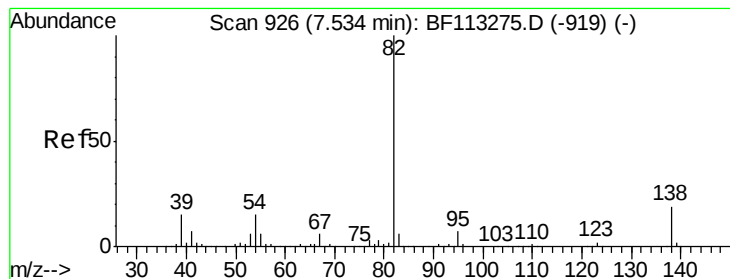
#23
Nitrobenzene-d5
Concen: 40.172 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113290.D
Acq: 26 Mar 2019 14:25

Tgt Ion:	82	Resp:	356024
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	51.7	42.2	63.2



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





#25

Isophorone

Concen: 20.463 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113290.D

Acq: 26 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMP

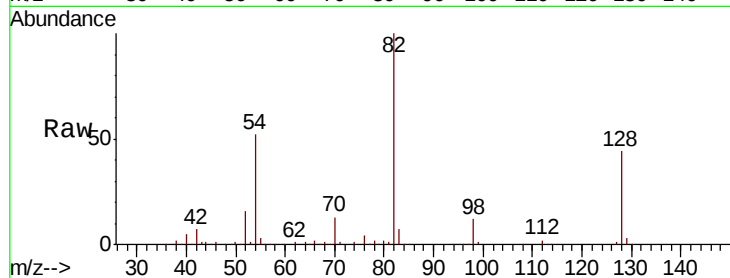
Tgt Ion: 82 Resp: 351465

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

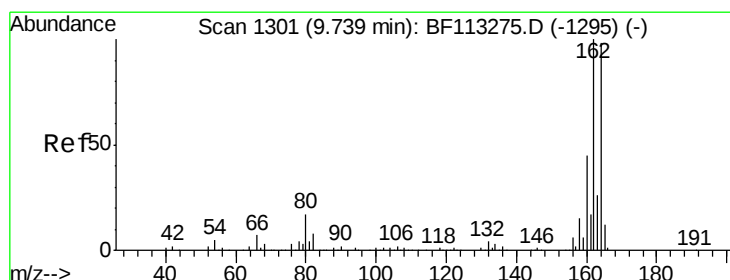
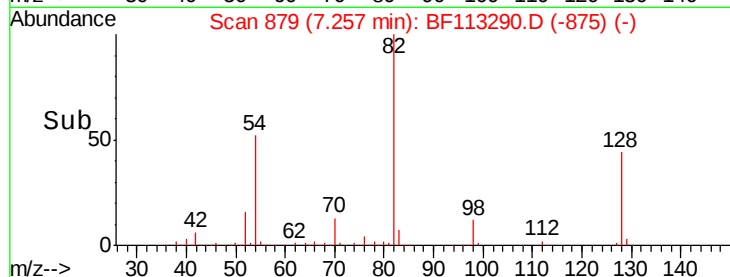
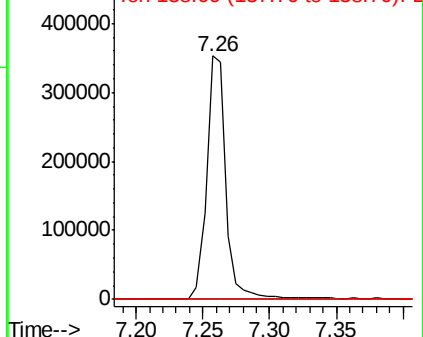
138 0.0 15.2 22.8#



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: BF113290.D

Acq: 26 Mar 2019 14:25

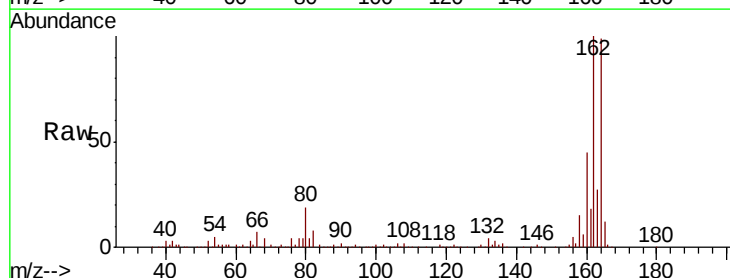
Tgt Ion: 164 Resp: 255823

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

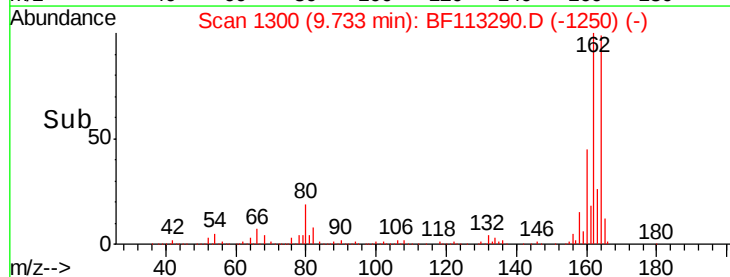
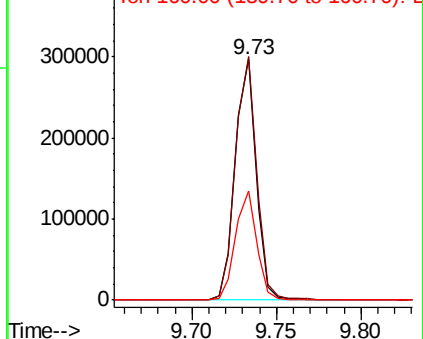
160 45.2 36.4 54.6

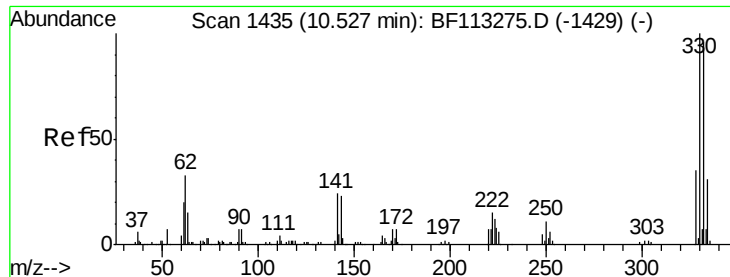


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

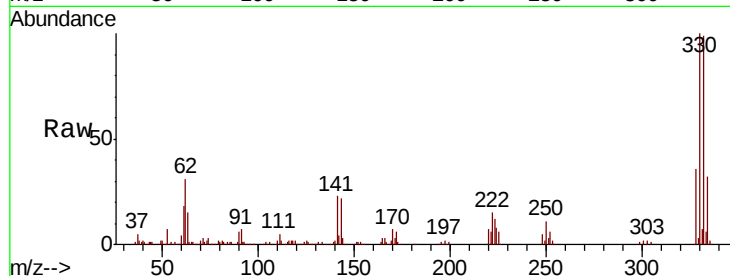




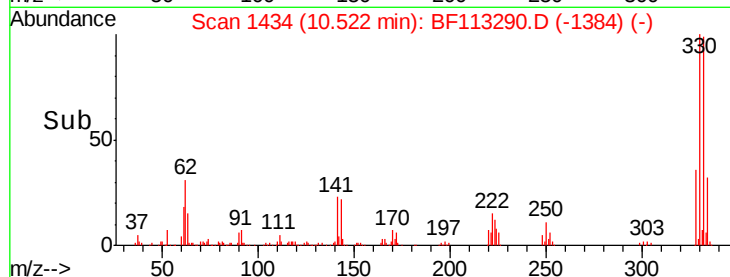
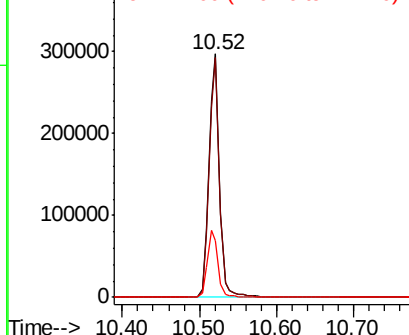
#42
 2,4,6-Tribromophenol
 Concen: 87.721 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113290.D
 Acq: 26 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMP

Tgt Ion:330 Resp: 277198
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.6
 141 28.0 22.7 34.1

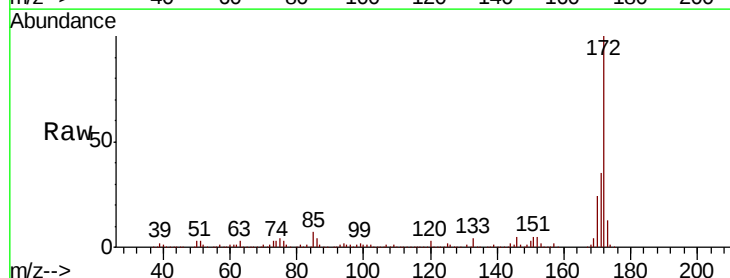


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

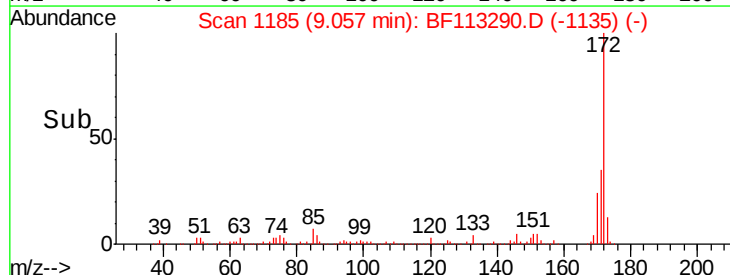
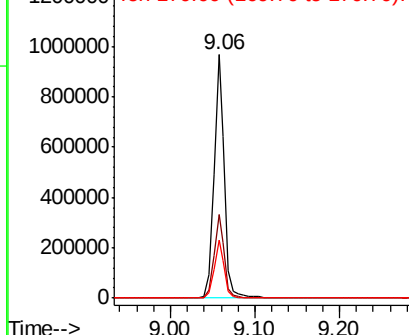


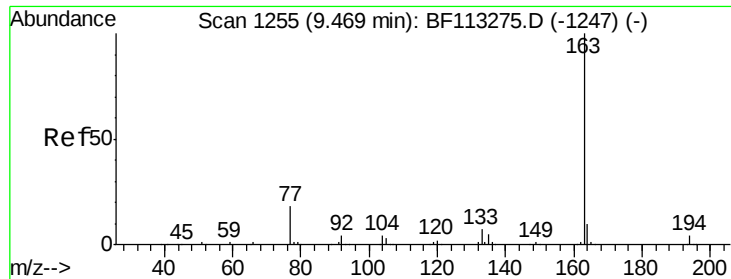
#45
 2-Fluorobiphenyl
 Concen: 43.793 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113290.D
 Acq: 26 Mar 2019 14:25

Tgt Ion:172 Resp: 854347
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.0 43.6
 170 23.7 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

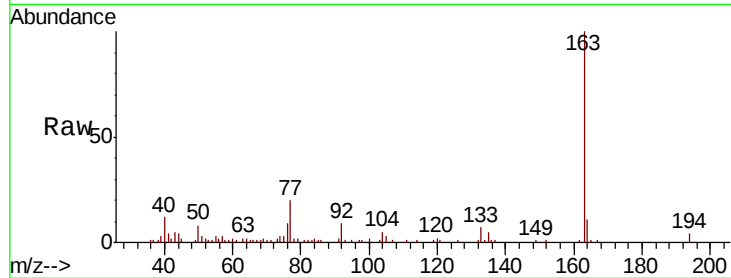




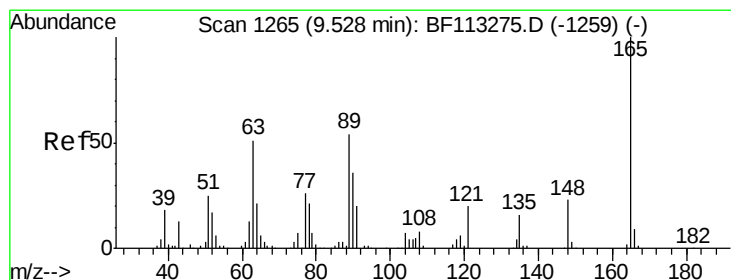
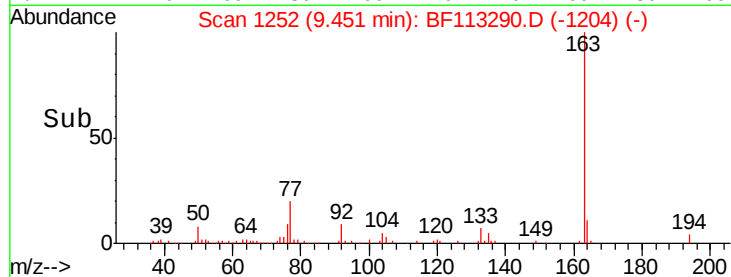
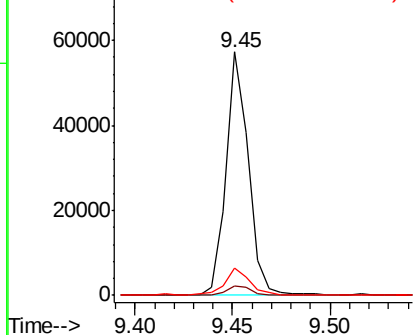
#50
 Dimethylphthalate
 Concen: 2.398 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113290.D
 Acq: 26 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMP

Tgt Ion:	163	Resp:	45454
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	11.1	8.1	12.1

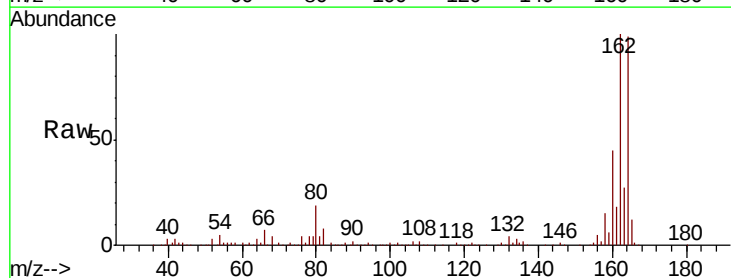


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

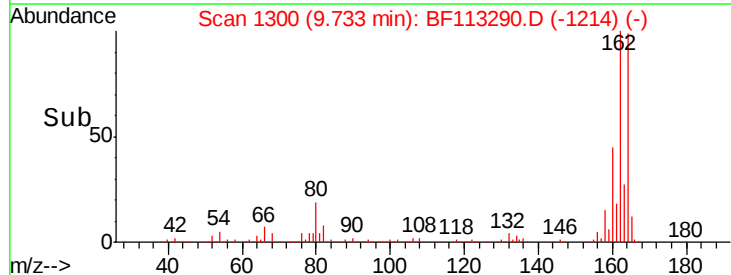
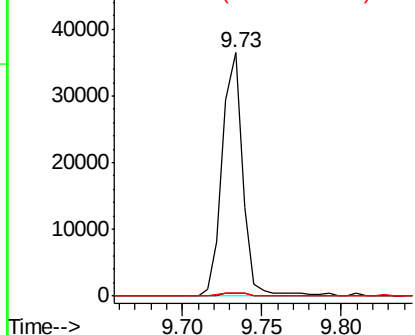


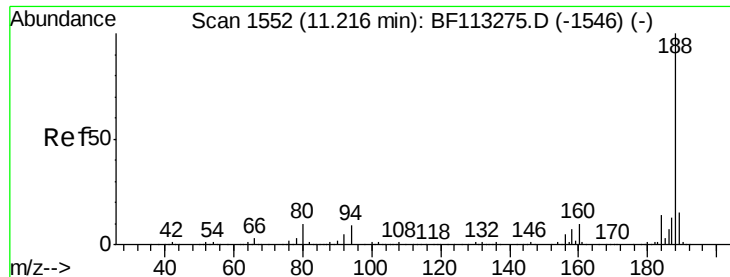
#51
 2,6-Dinitrotoluene
 Concen: 7.715 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113290.D
 Acq: 26 Mar 2019 14:25

Tgt Ion:	165	Resp:	32995
Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.2	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113290.D

Acq: 26 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMP

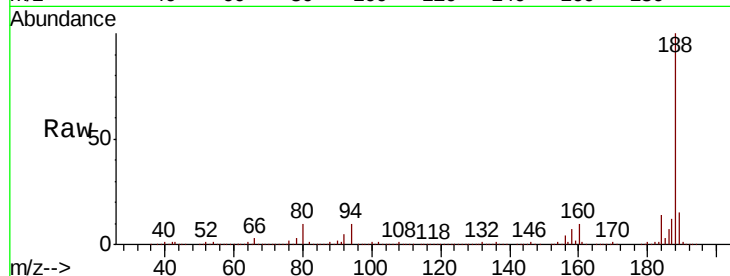
Tgt Ion:188 Resp: 512944

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

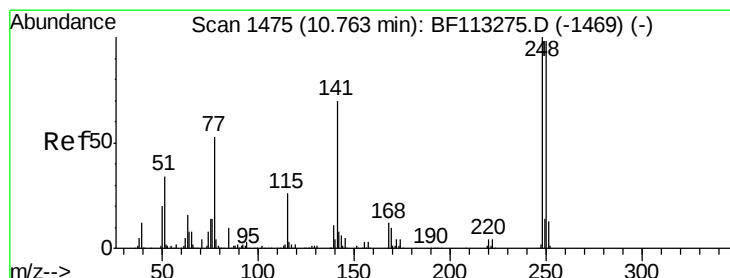
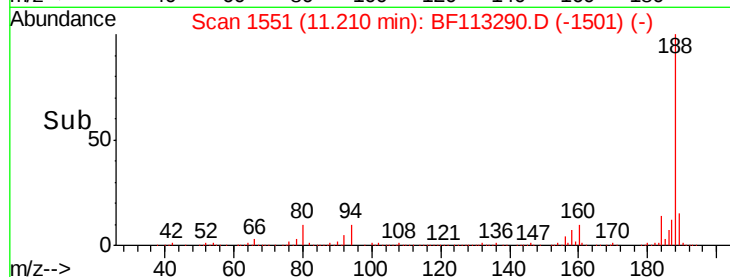
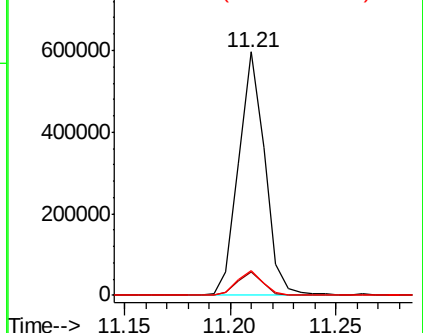
80 10.0 7.7 11.5



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: 2.740 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF113290.D

Acq: 26 Mar 2019 14:25

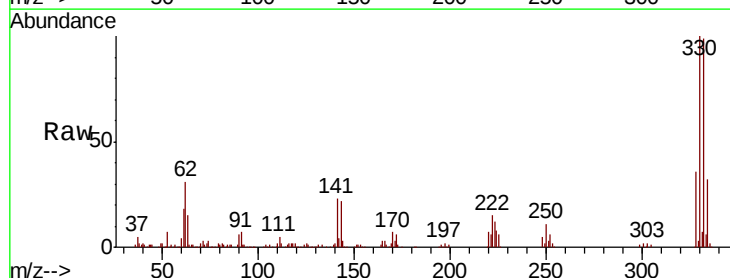
Tgt Ion:248 Resp: 15321

Ion Ratio Lower Upper

248 100

250 203.9 78.3 117.5#

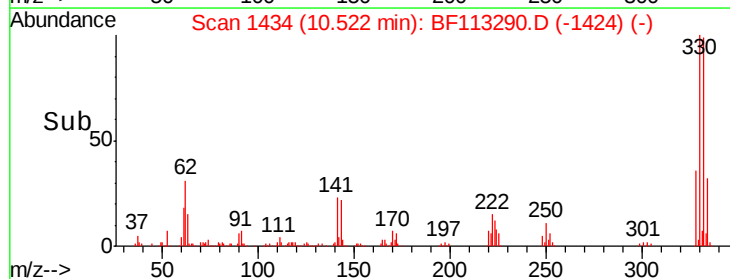
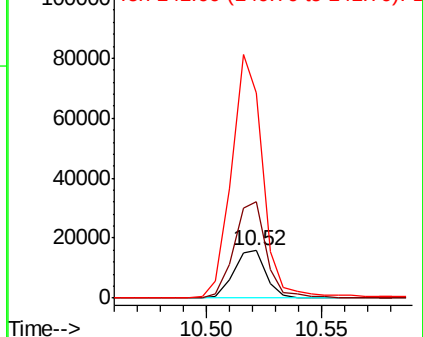
141 433.7 56.2 84.4#

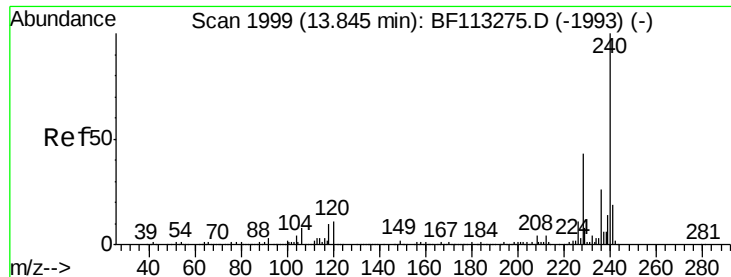


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

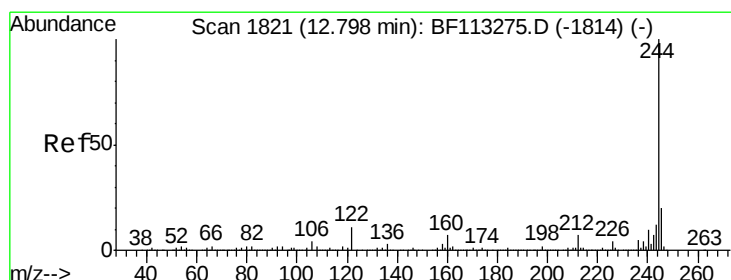
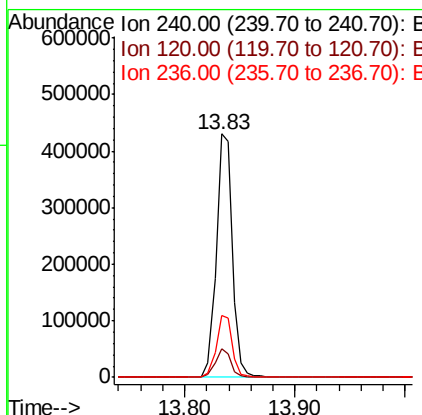
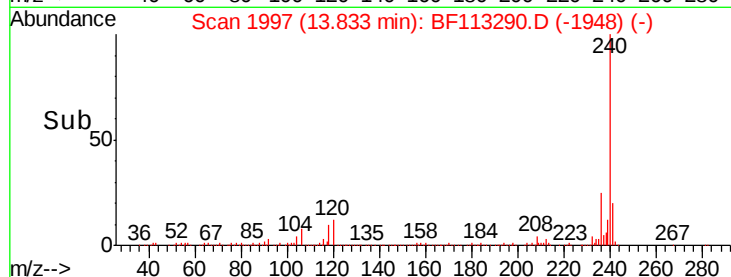
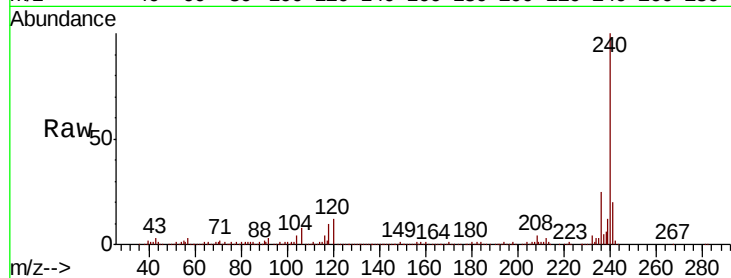




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113290.D
Acq: 26 Mar 2019 14:25

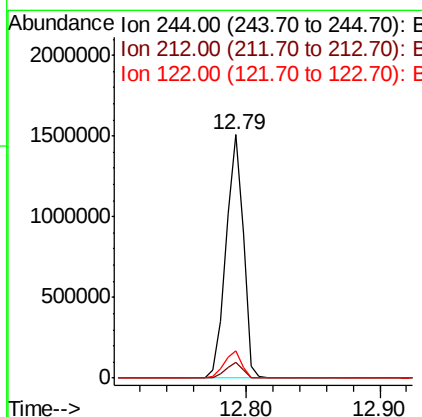
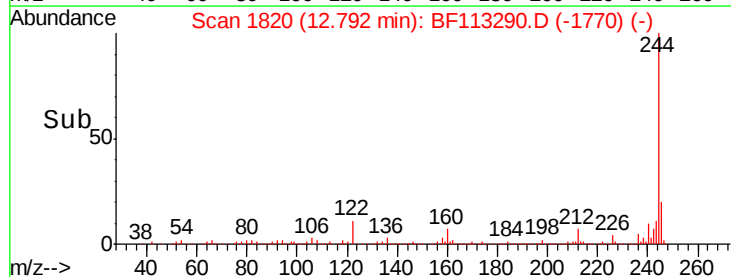
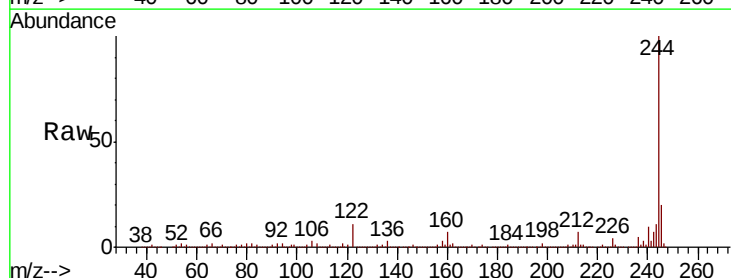
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMP

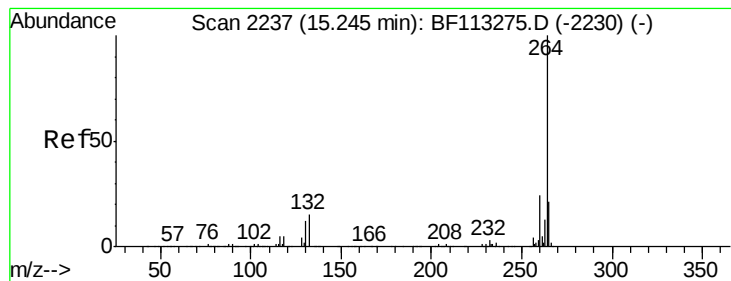
Tgt Ion:240 Resp: 432658
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 70.945 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113290.D
Acq: 26 Mar 2019 14:25

Tgt Ion:244 Resp: 1392594
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 11.1 8.6 13.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113290.D

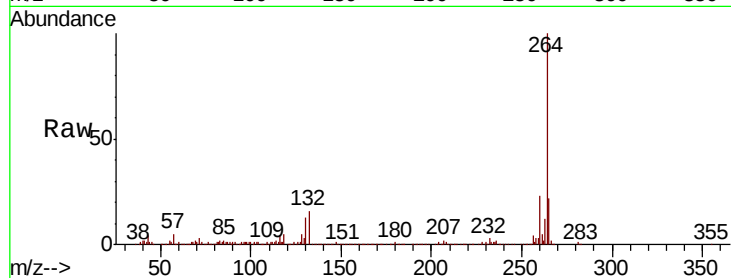
Acq: 26 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMP



Tgt Ion: 264 Resp: 398923

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.6 17.1 25.7

