

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113442.D
 Acq On : 30 Mar 2019 5:56
 Operator : JU/SJ
 Sample : K2138-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6A-S6B(21-25)COMP

Quant Time: Mar 30 06:20:47 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

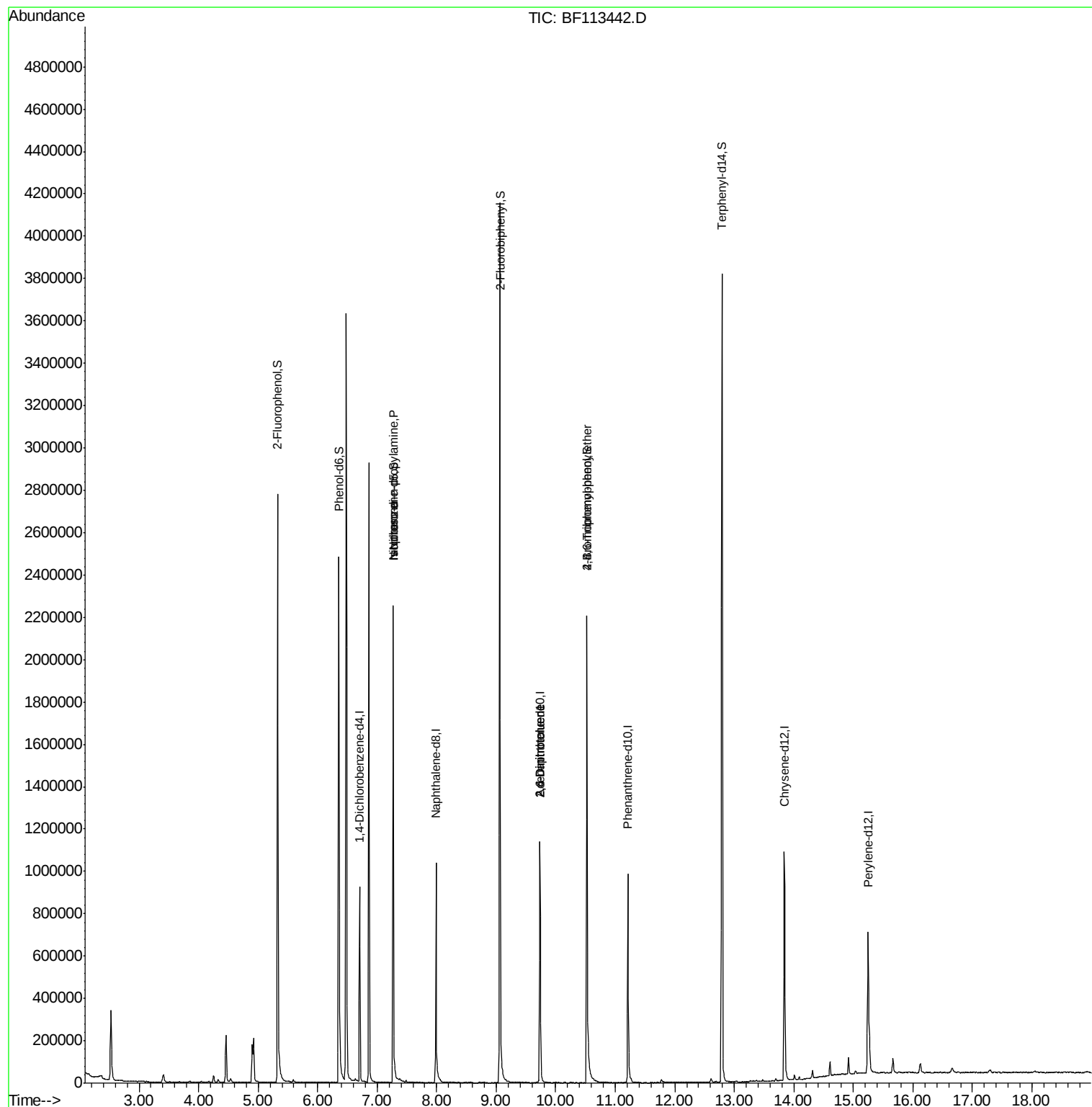
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	137584	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	524902	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	246214	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	462406	20.00	ng	0.00
76) Chrysene-d12	13.84	240	452976	20.00	ng	0.00
87) Perylene-d12	15.24	264	375990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	895812	106.46	ng	0.01
7) Phenol-d6	6.36	99	1025159	96.31	ng	0.00
23) Nitrobenzene-d5	7.27	82	767094	86.74	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	382457	125.75	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1463478	95.30	ng	0.00
79) Terphenyl-d14	12.79	244	1568606	76.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	99513	14.883	ng	# 76
25) Isophorone	7.27	82	763028	44.521	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	30698	7.458	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	30698	5.864	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	21502	4.266	ng	# 1

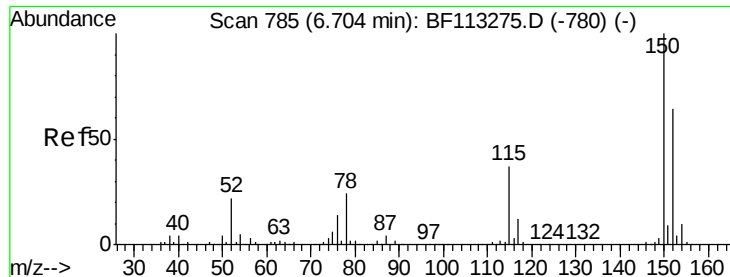
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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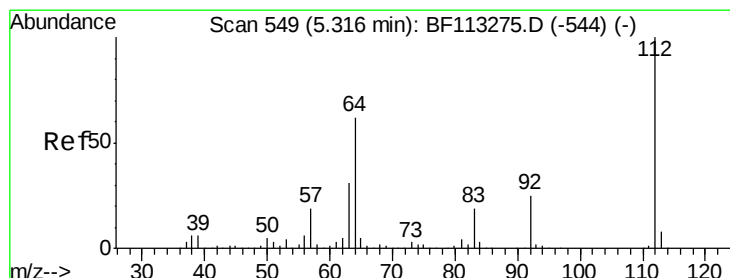
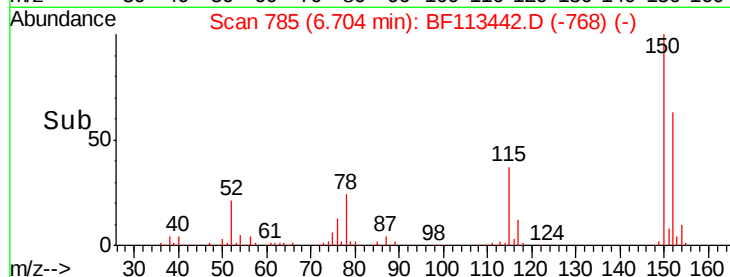
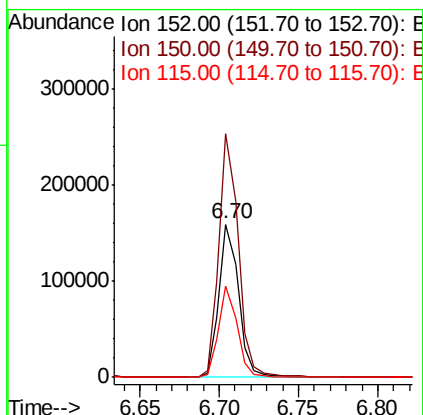
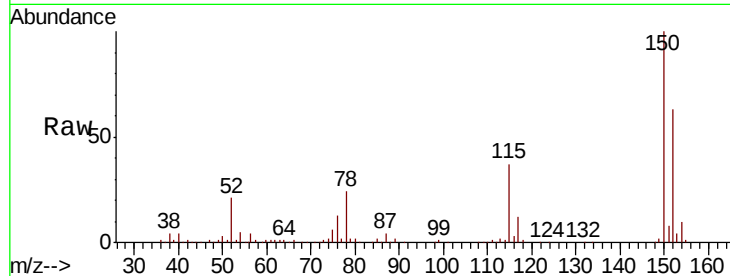


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

Instrument :
BNA_F
ClientSampleId :
S6A-S6B(21-25)COMP

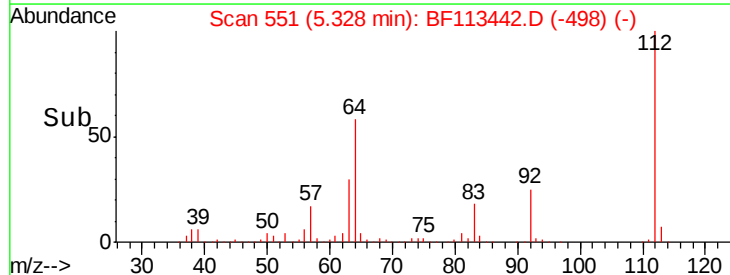
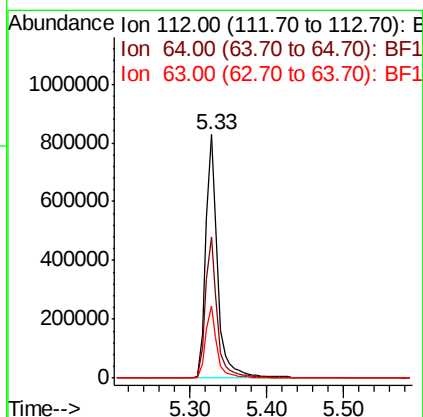
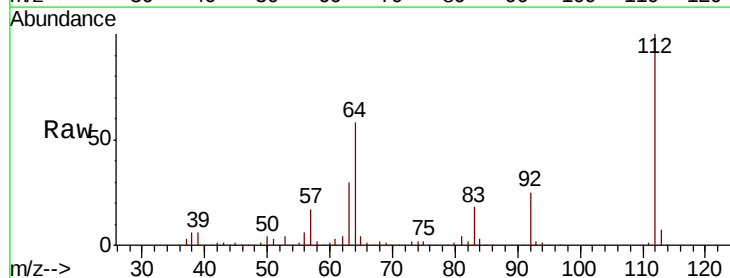
Tgt Ion:152 Resp: 137584
Ion Ratio Lower Upper
152 100
150 158.8 124.7 187.1
115 59.2 46.0 69.0



#5

2-Fluorophenol
Concen: 106.463 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

Tgt Ion:112 Resp: 895812
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 29.7 24.9 37.3





#7

Phenol-d6

Concen: 96.308 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113442.D

Acq: 30 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

S6A-S6B(21-25)COMP

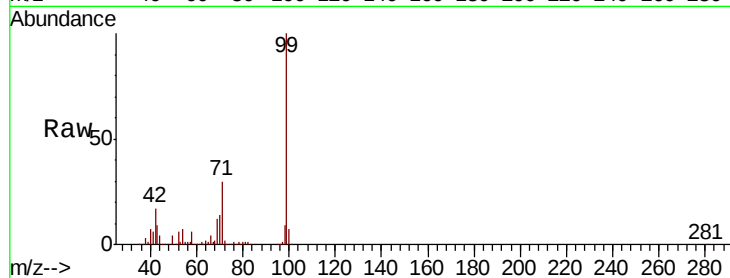
Tgt Ion: 99 Resp: 1025159

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

71 29.8 24.9 37.3

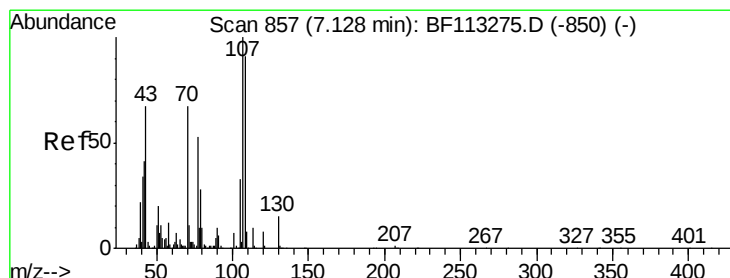
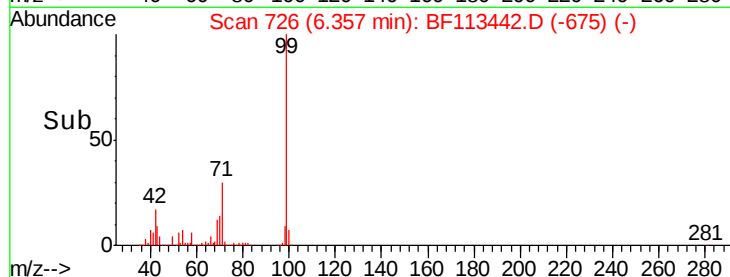
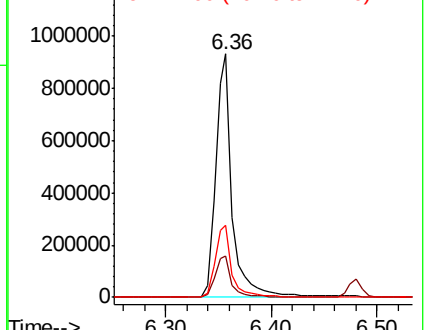


Abundance

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: 14.883 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113442.D

Acq: 30 Mar 2019 5:56

Tgt Ion: 70 Resp: 99513

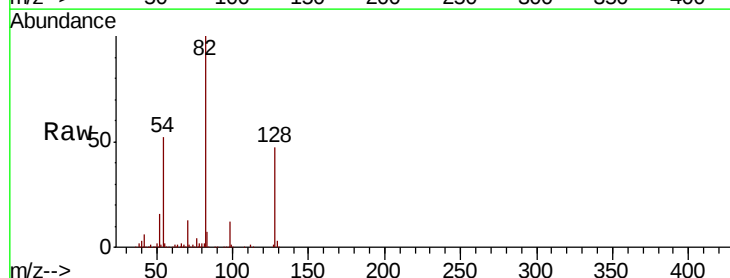
Ion Ratio Lower Upper

70 100

42 47.6 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#



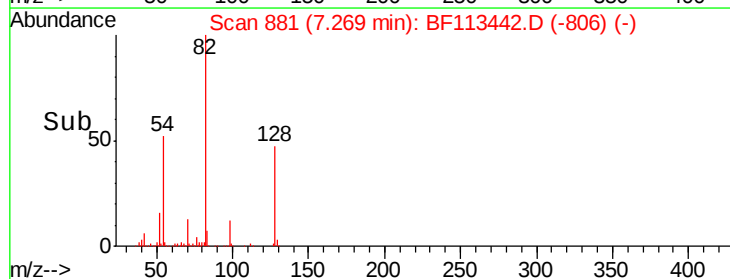
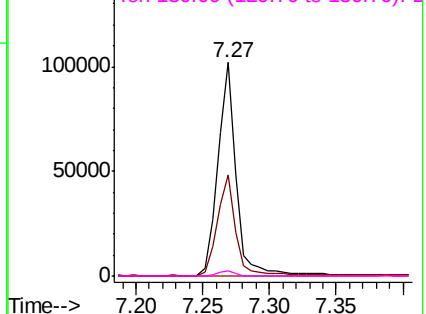
Abundance

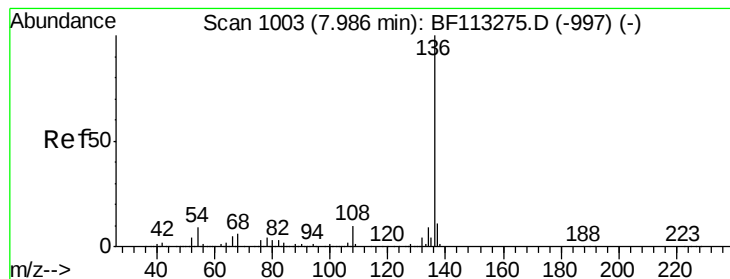
Ion 70.00 (69.70 to 70.70): BF1

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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113442.D

Acq: 30 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

S6A-S6B(21-25)COMP

Tgt Ion: 136 Resp: 524902

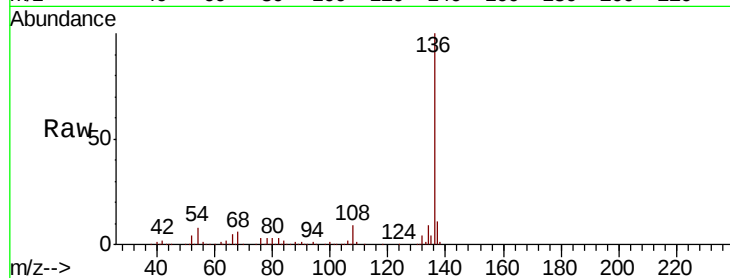
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 7.0 10.6

68 6.1 4.8 7.2

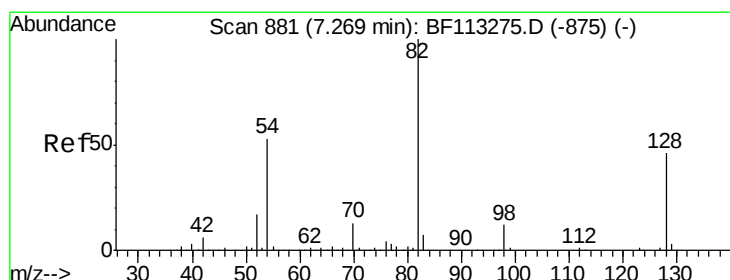
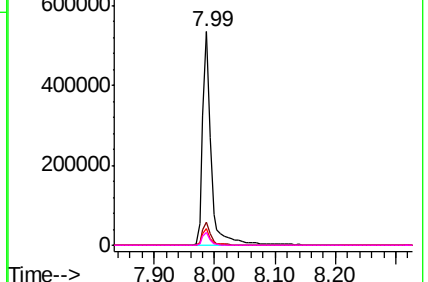
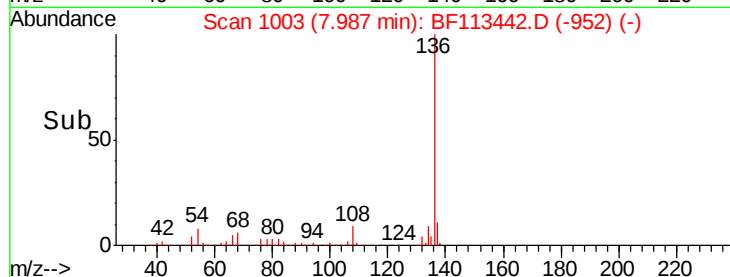


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.740 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113442.D

Acq: 30 Mar 2019 5:56

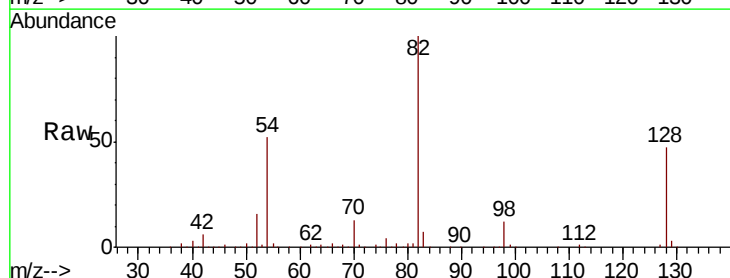
Tgt Ion: 82 Resp: 767094

Ion Ratio Lower Upper

82 100

128 47.1 36.5 54.7

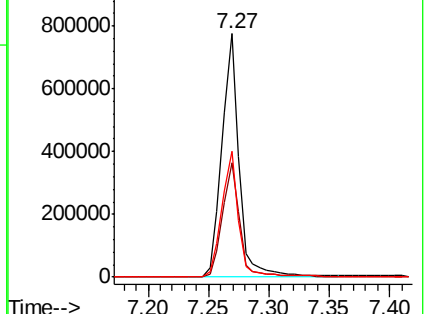
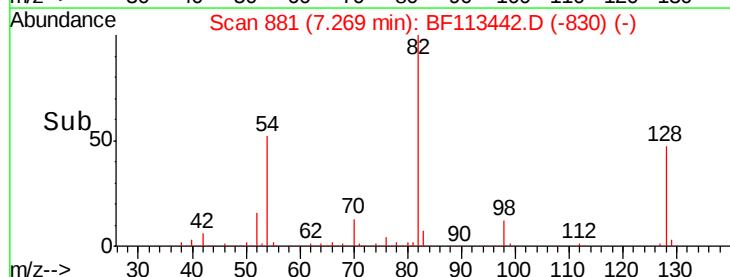
54 51.5 42.2 63.2

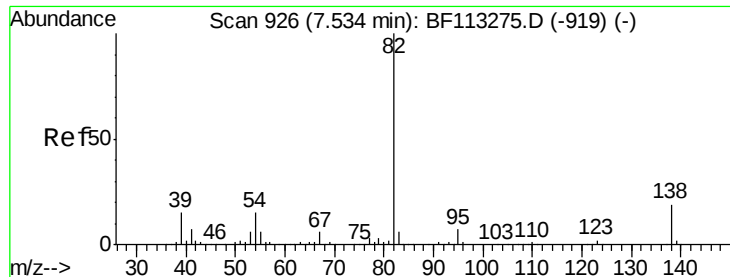


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

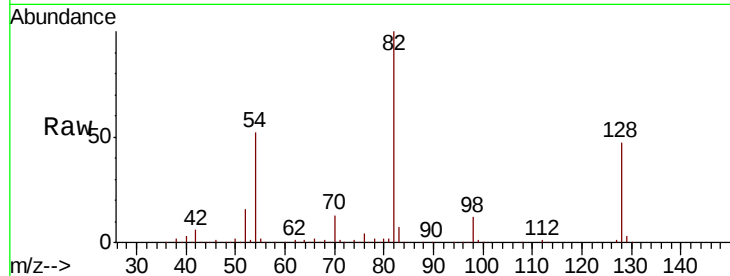




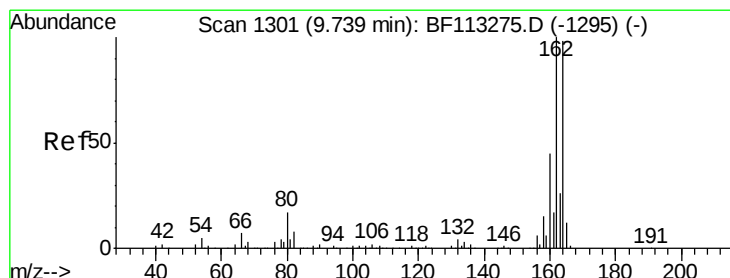
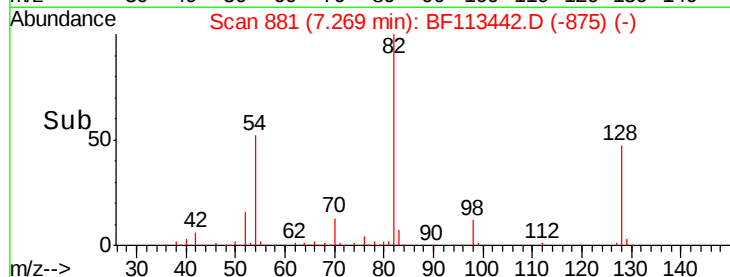
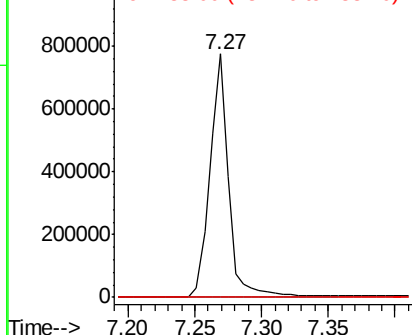
#25
Isophorone
Concen: 44.521 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

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BNA_F
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S6A-S6B(21-25)COMP

Tgt Ion: 82 Resp: 763028
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#

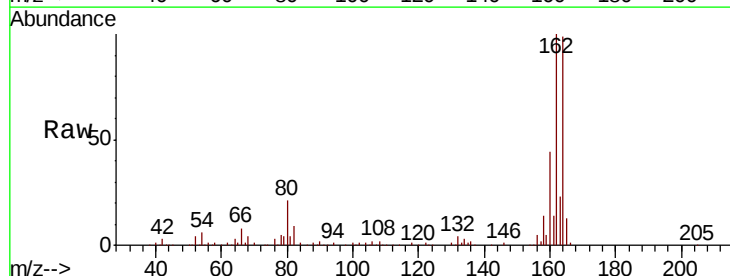


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

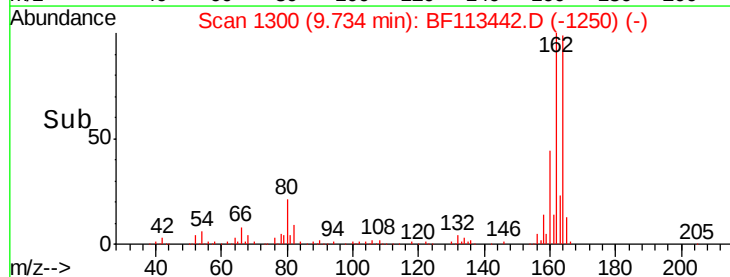
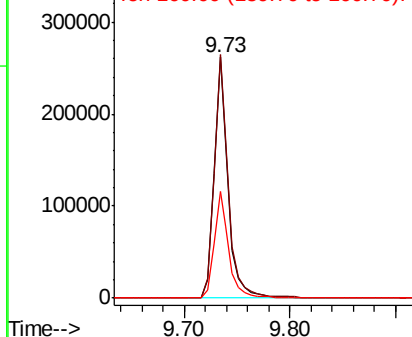


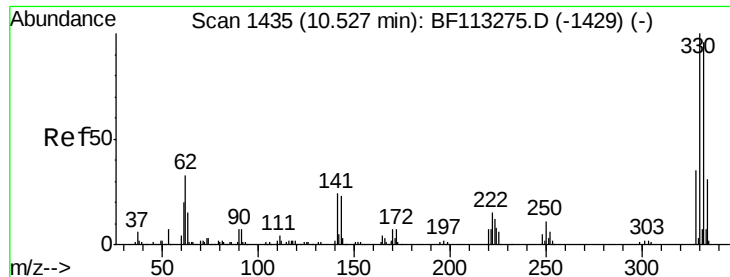
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

Tgt Ion: 164 Resp: 246214
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.5 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

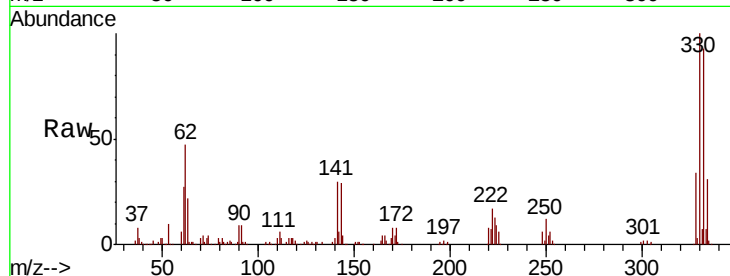




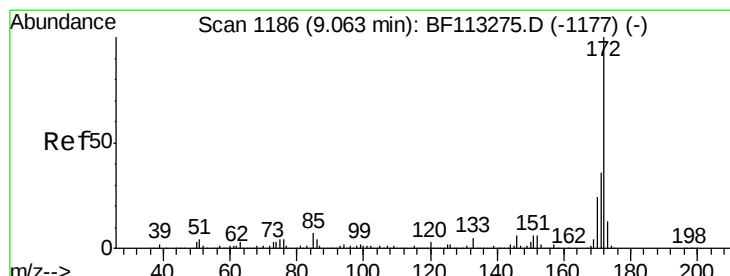
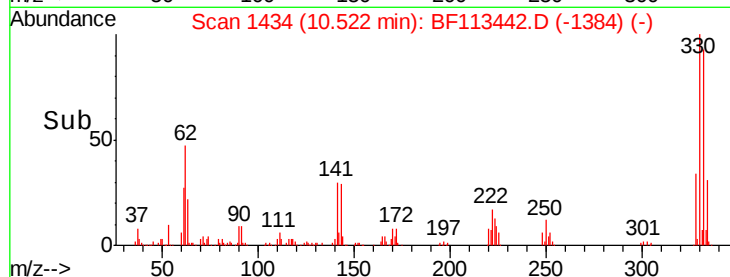
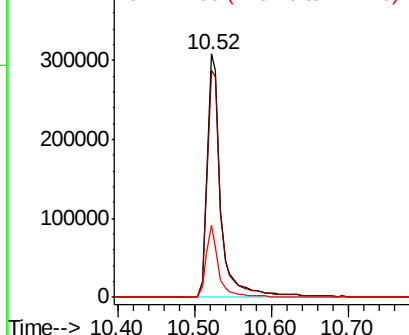
#42
 2,4,6-Tribromophenol
 Concen: 125.754 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113442.D
 Acq: 30 Mar 2019 5:56

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 S6A-S6B(21-25)COMP

Tgt Ion:330 Resp: 382457
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.6
 141 27.8 22.7 34.1

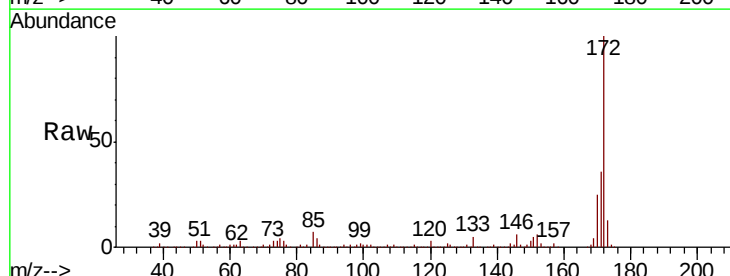


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

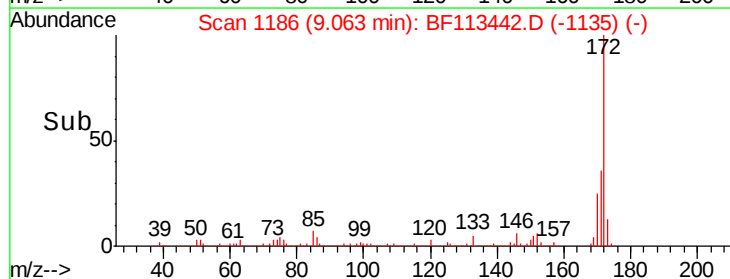
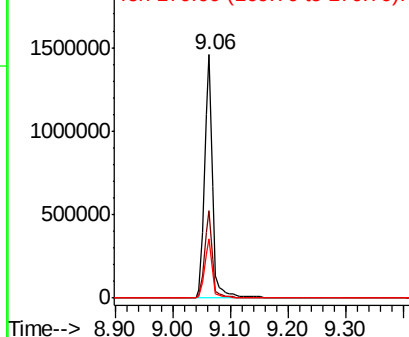


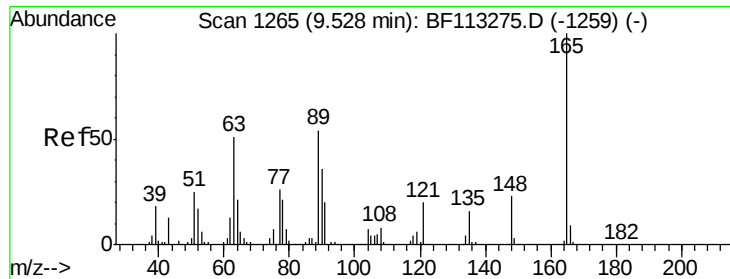
#45
 2-Fluorobiphenyl
 Concen: 95.300 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113442.D
 Acq: 30 Mar 2019 5:56

Tgt Ion:172 Resp: 1463478
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.5 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





#51

2,6-Dinitrotoluene

Concen: 7.458 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113442.D

Acq: 30 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

S6A-S6B(21-25)COMP

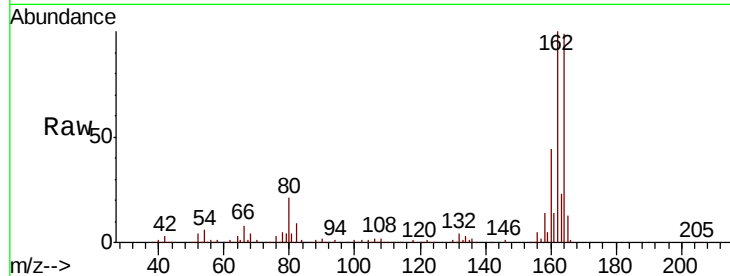
Tgt Ion:165 Resp: 30698

Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

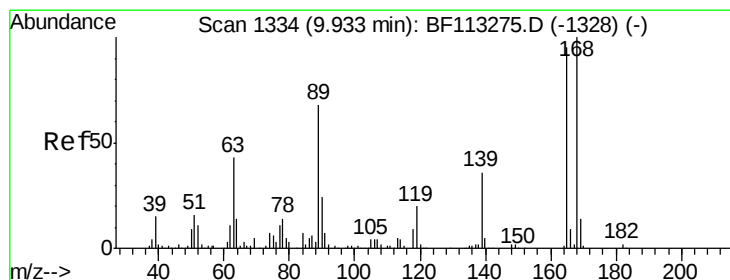
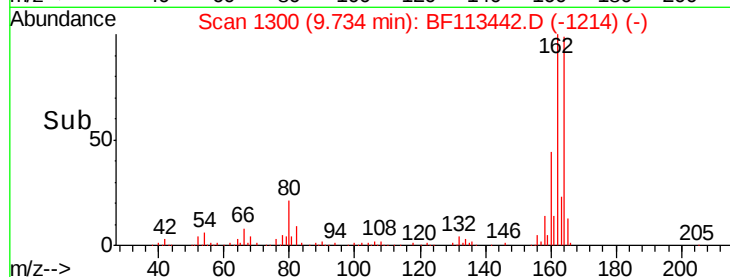
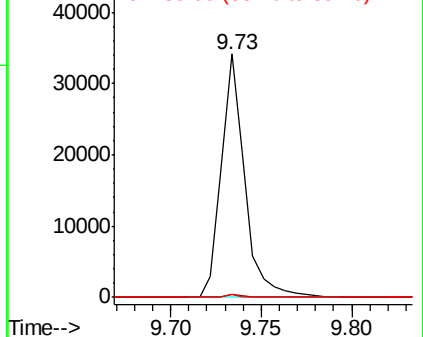
89 1.4 43.1 64.7#



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: 5.864 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113442.D

Acq: 30 Mar 2019 5:56

Tgt Ion:165 Resp: 30698

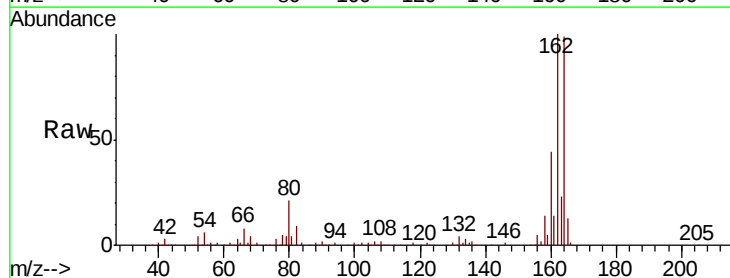
Ion Ratio Lower Upper

165 100

63 1.3 37.5 56.3#

89 1.4 57.4 86.2#

182 0.0 2.0 3.0#

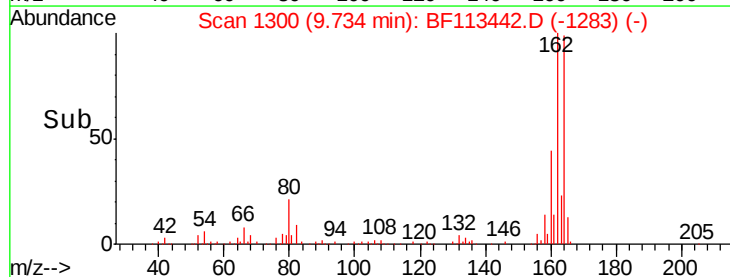
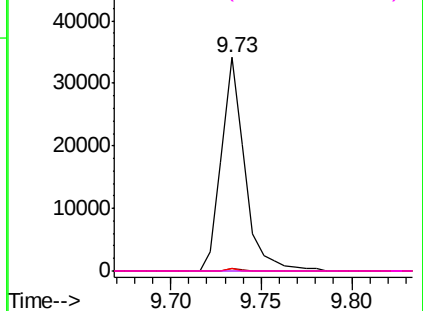


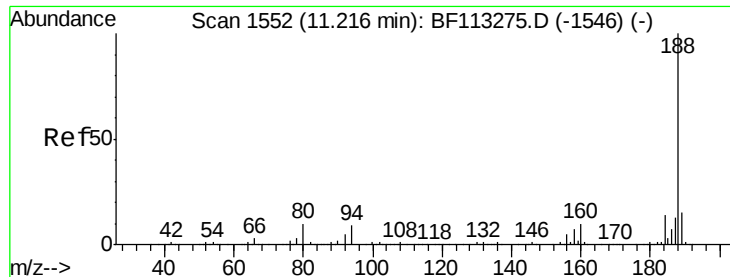
Abundance Ion 165.00 (164.70 to 165.70): E

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

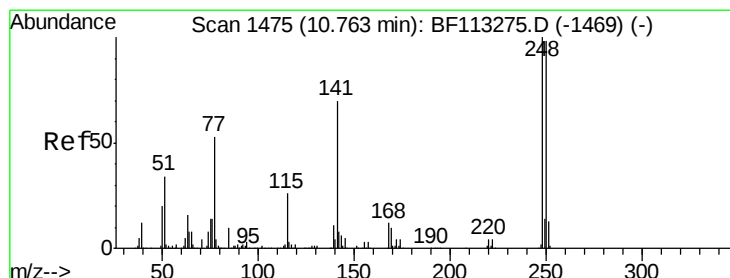
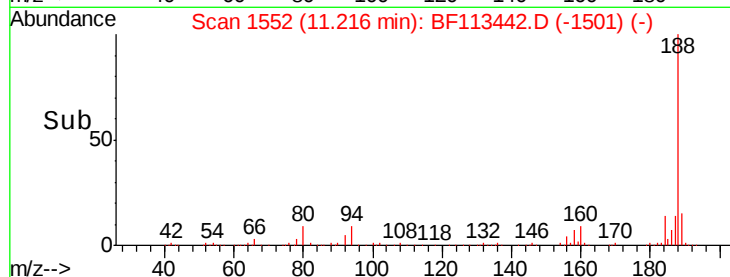
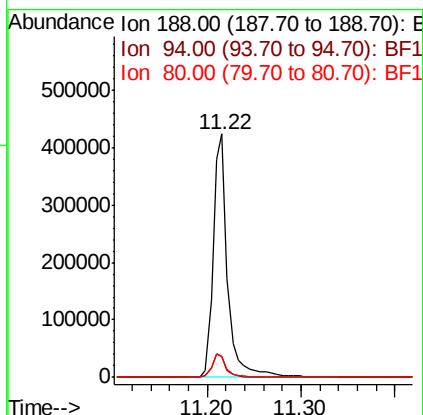
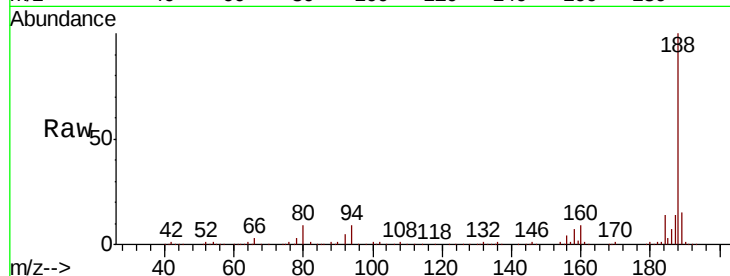




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF113442.D
 Acq: 30 Mar 2019 5:56

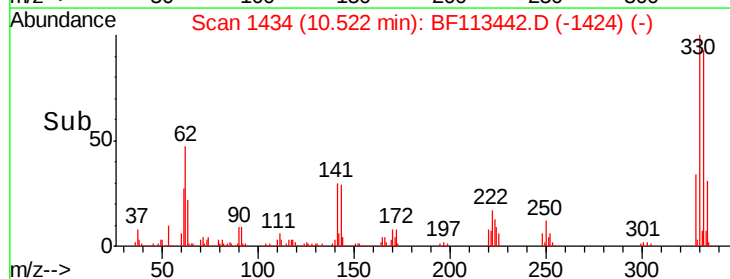
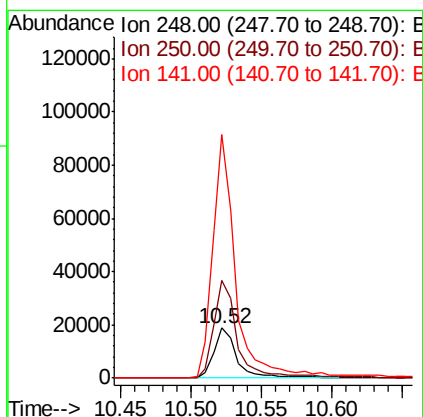
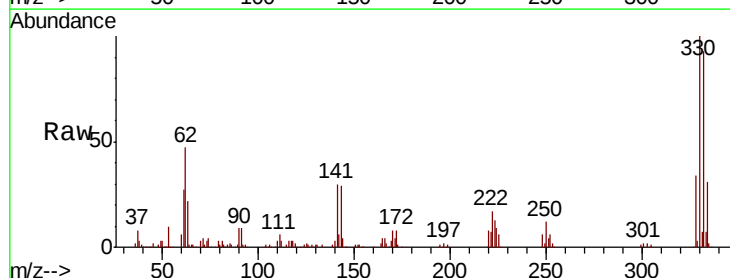
Instrument :
 BNA_F
 ClientSampleId :
 S6A-S6B(21-25)COMP

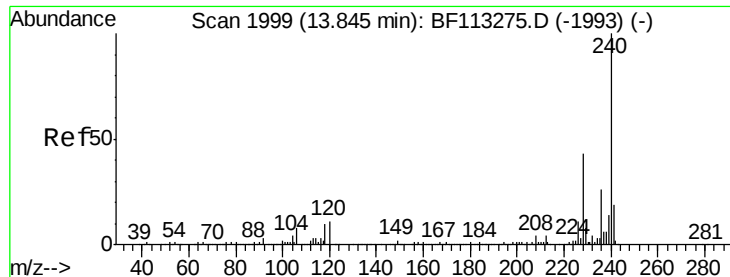
Tgt Ion:188 Resp: 462406
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 8.7 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.266 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113442.D
 Acq: 30 Mar 2019 5:56

Tgt Ion:248 Resp: 21502
 Ion Ratio Lower Upper
 248 100
 250 196.2 78.3 117.5#
 141 489.0 56.2 84.4#

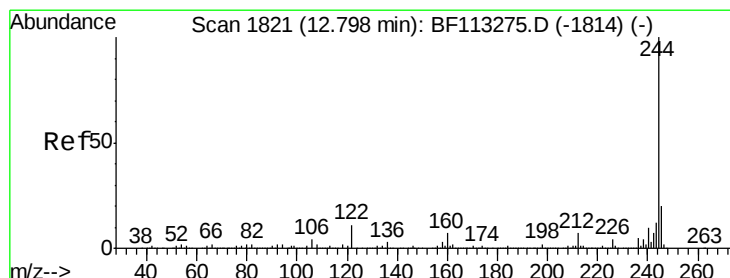
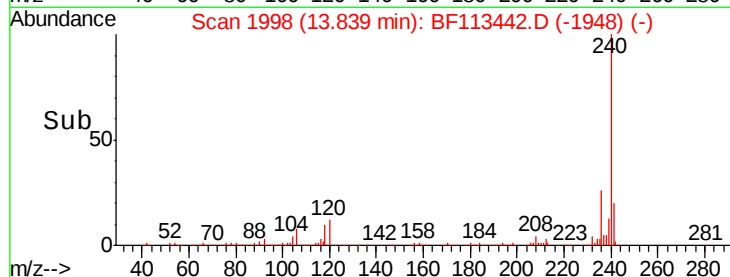
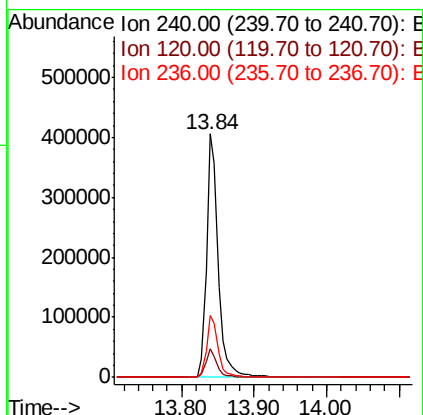
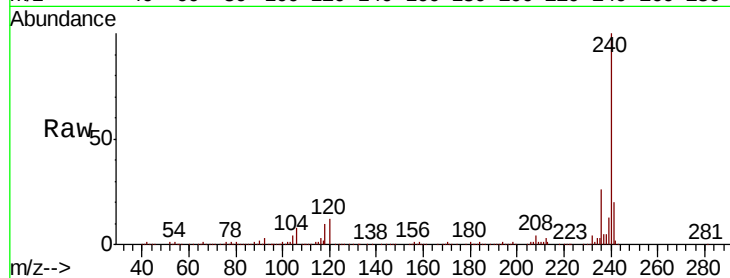




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

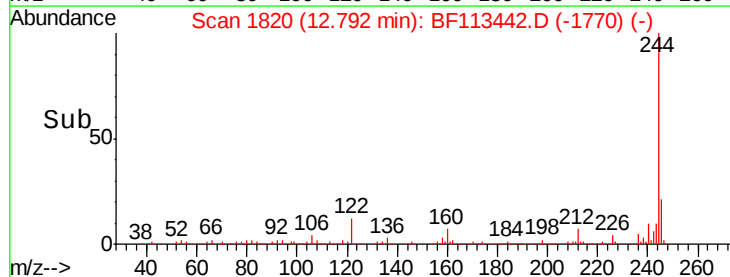
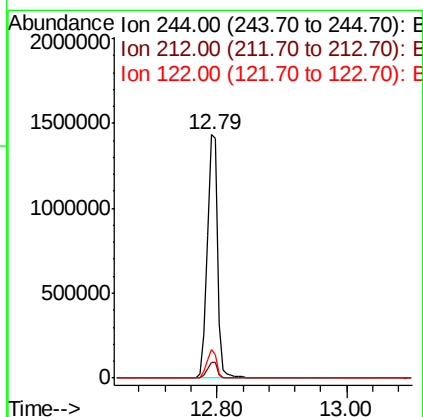
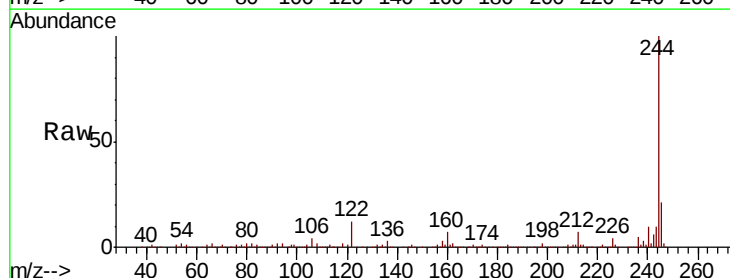
Instrument :
BNA_F
ClientSampleId :
S6A-S6B(21-25)COMP

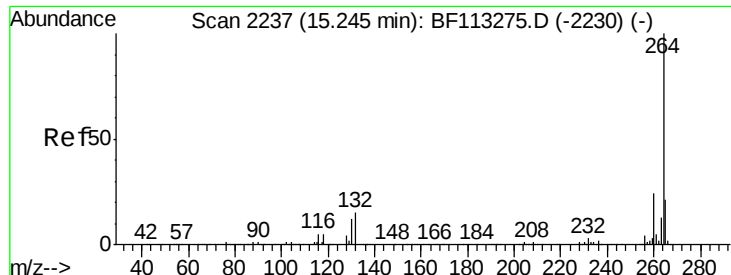
Tgt Ion:240 Resp: 452976
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 76.328 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

Tgt Ion:244 Resp: 1568606
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 11.6 8.6 13.0

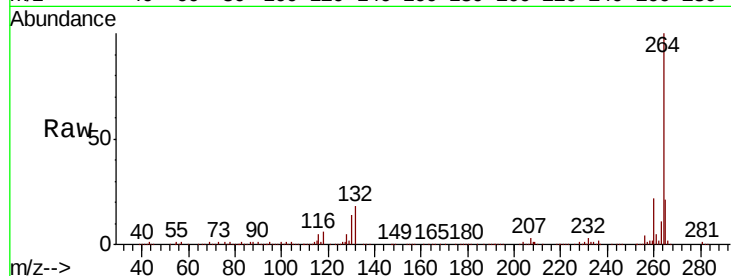




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113442.D
Acq: 30 Mar 2019 5:56

Instrument :
BNA_F
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.1	28.7
265	20.9	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

