

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113300.D
 Acq On : 26 Mar 2019 19:28
 Operator : JU/SJ
 Sample : K2081-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4C(18-29)COMP

Quant Time: Mar 27 05:01:10 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

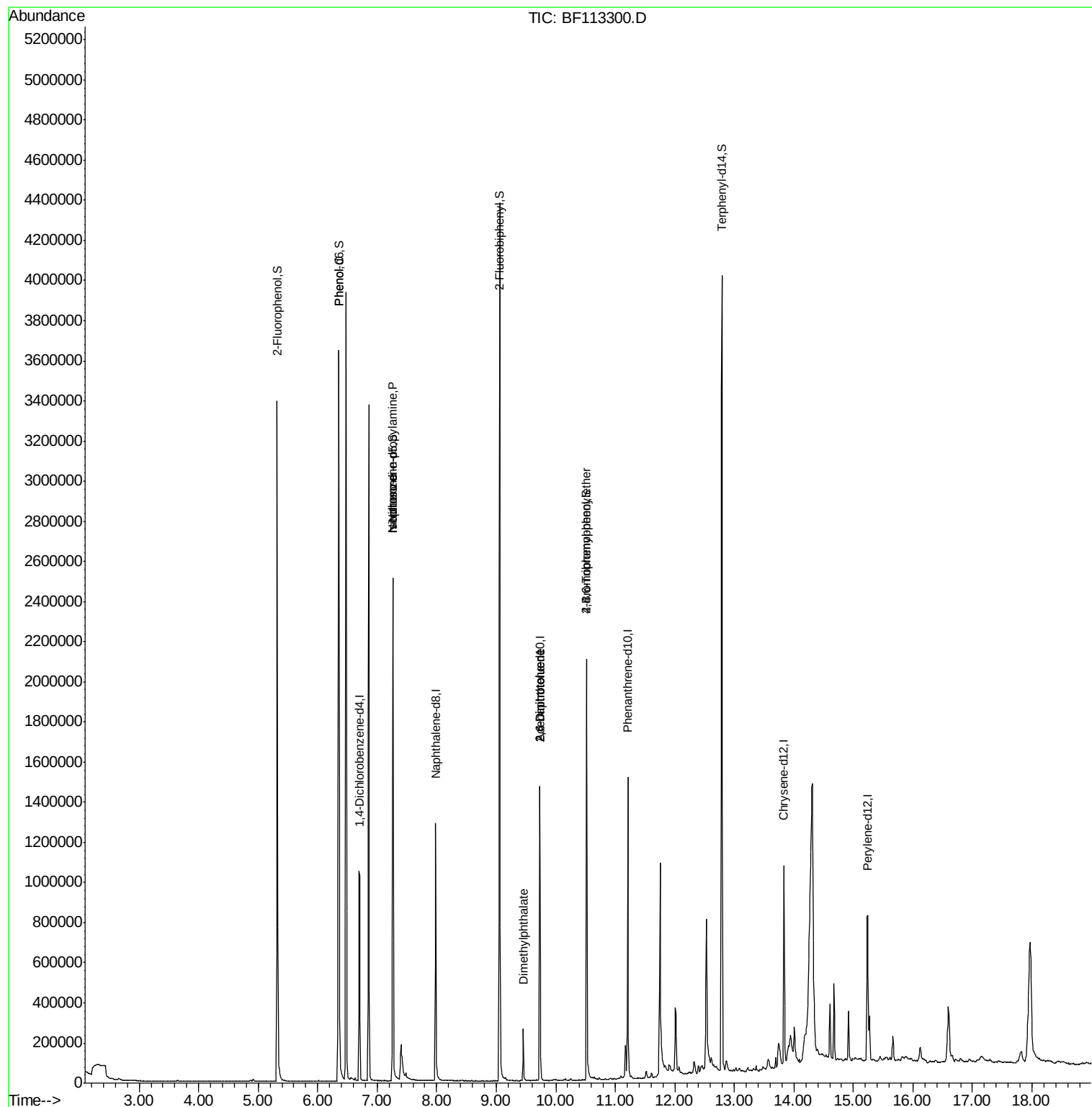
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173466	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	640213	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301731	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	585214	20.00	ng	0.00
76) Chrysene-d12	13.83	240	381297	20.00	ng	-0.01
87) Perylene-d12	15.24	264	380771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1114035	105.01	ng	0.00
7) Phenol-d6	6.36	99	1556039	115.94	ng	0.00
23) Nitrobenzene-d5	7.26	82	940383	87.18	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	309649	83.08	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1594567	82.26	ng	0.00
79) Terphenyl-d14	12.79	244	1432415	82.80	ng	0.00
Target Compounds						
10) Phenol	6.36	94	36669	2.393	ng	# 79
19) n-Nitroso-di-n-propylamine	7.26	70	122674	14.552	ng	# 75
25) Isophorone	7.26	82	922710	44.141	ng	# 64
50) Dimethylphthalate	9.45	163	111761	4.998	ng	# 99
51) 2,6-Dinitrotoluene	9.73	165	38272	7.587	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	38272	5.966	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	17453	2.736	ng	# 1

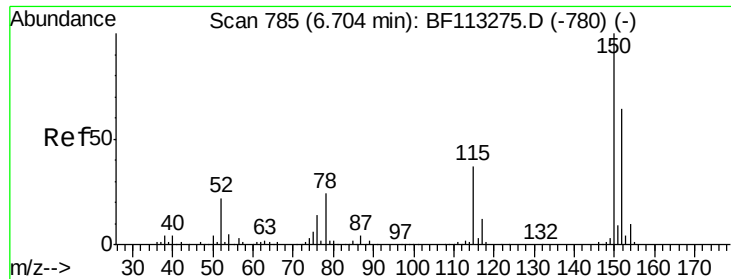
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF113300.D

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ClientSampleId :

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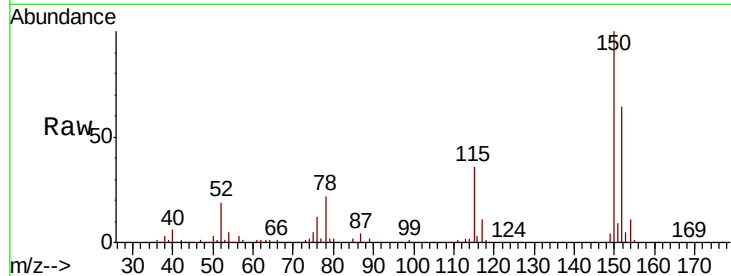
Tgt Ion:152 Resp: 173466

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

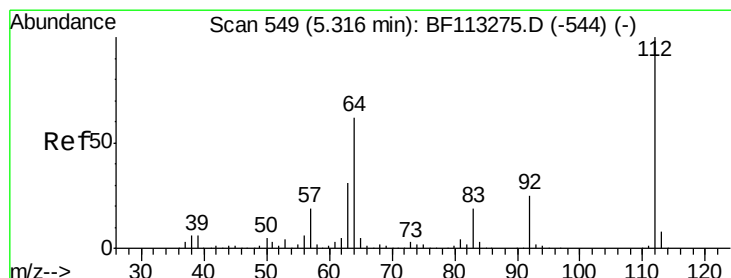
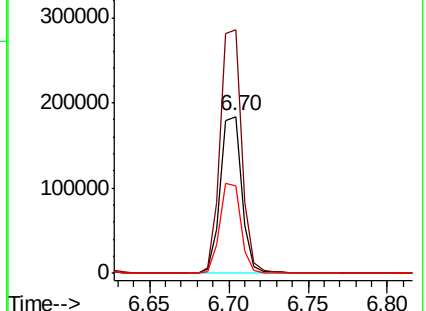
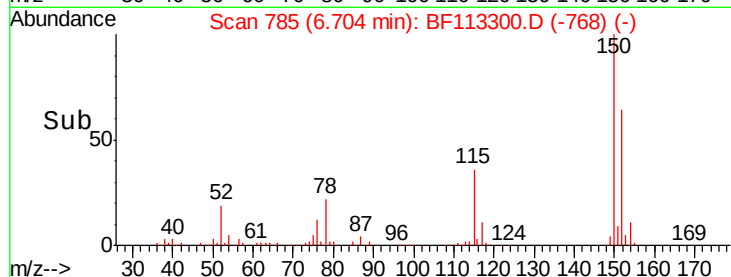
115 55.9 46.0 69.0



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: 105.011 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113300.D

Acq: 26 Mar 2019 19:28

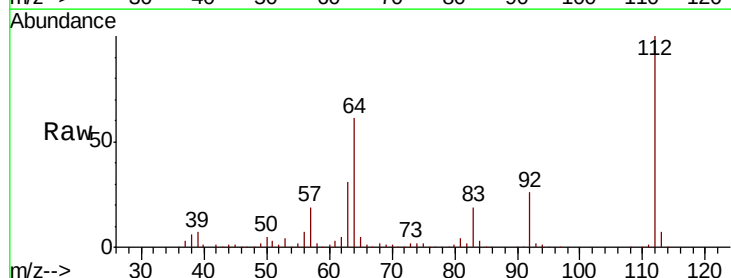
Tgt Ion:112 Resp: 1114035

Ion Ratio Lower Upper

112 100

64 60.9 49.2 73.8

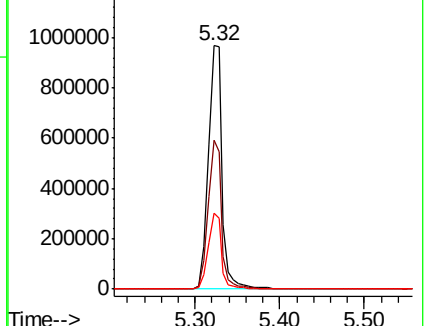
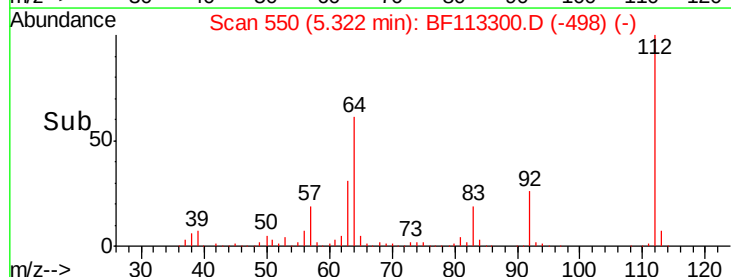
63 31.4 24.9 37.3

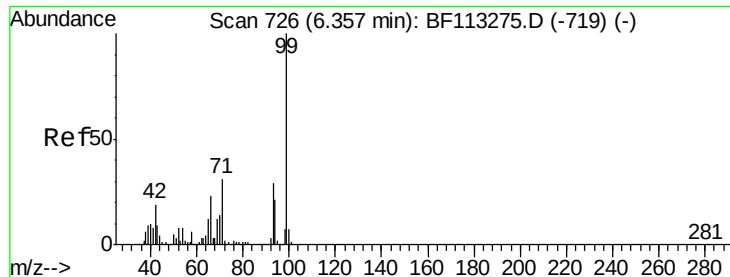


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 115.944 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113300.D

Acq: 26 Mar 2019 19:28

Instrument :

BNA_F

ClientSampleId :

S4C(18-29)COMP

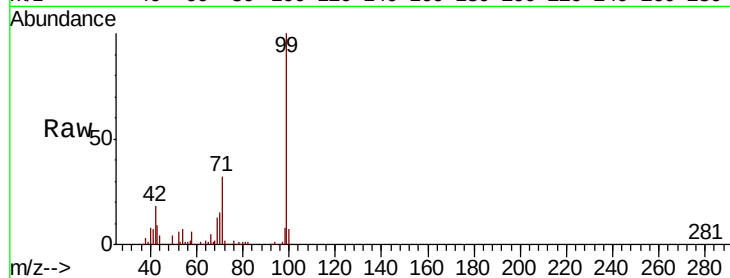
Tgt Ion: 99 Resp: 1556039

Ion Ratio Lower Upper

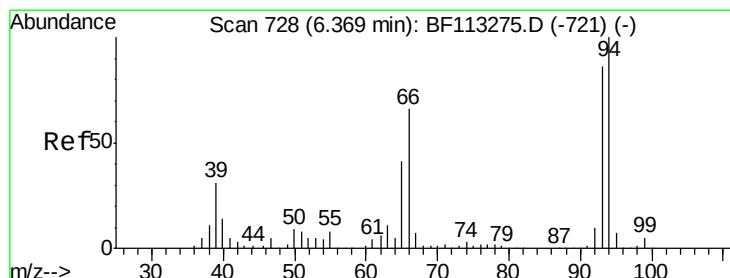
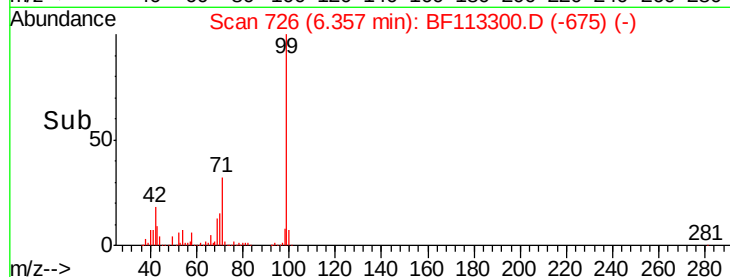
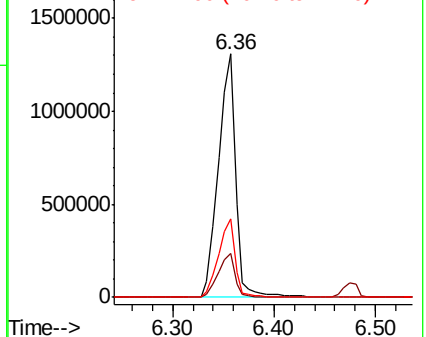
99 100

42 18.1 14.8 22.2

71 32.2 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



#10

Phenol

Concen: 2.393 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113300.D

Acq: 26 Mar 2019 19:28

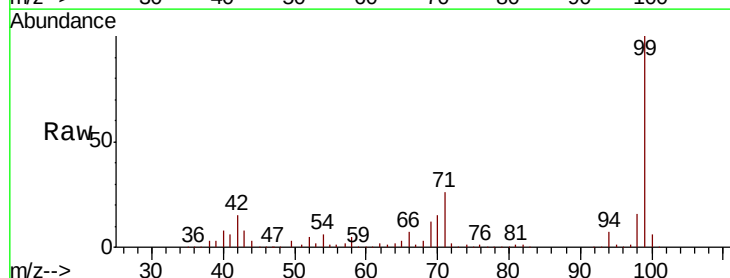
Tgt Ion: 94 Resp: 36669

Ion Ratio Lower Upper

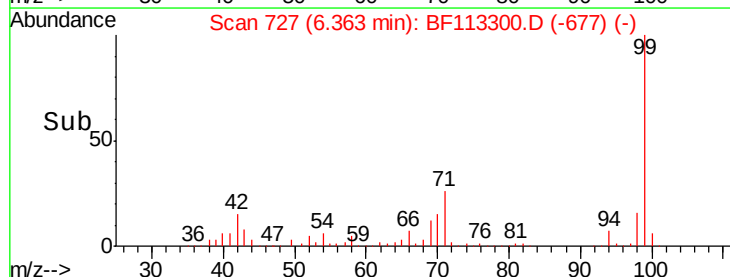
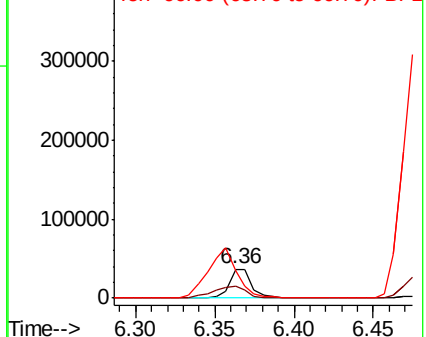
94 100

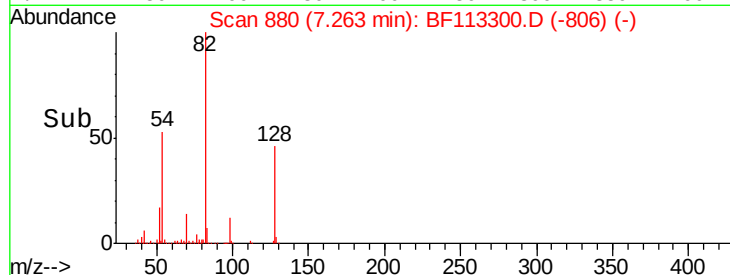
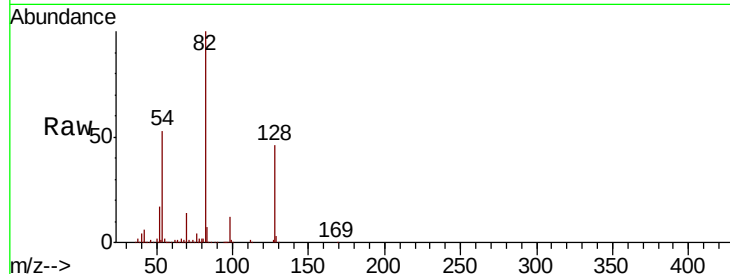
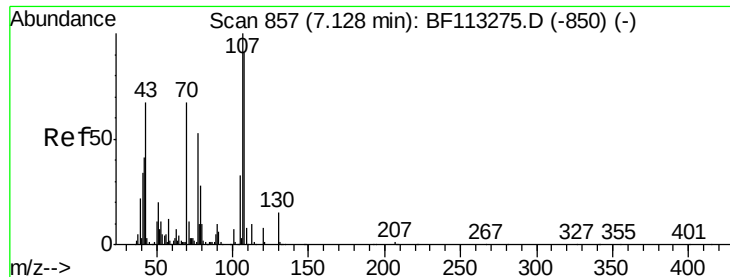
65 42.3 21.4 61.4

66 92.8 46.4 86.4#



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

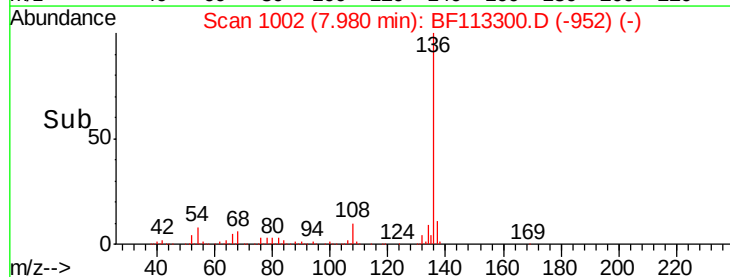
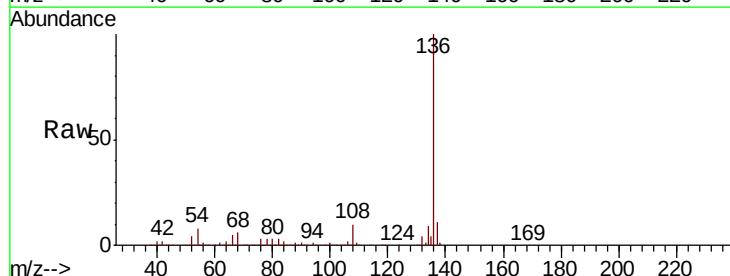
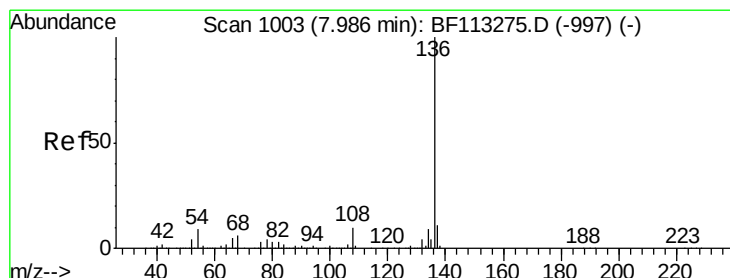
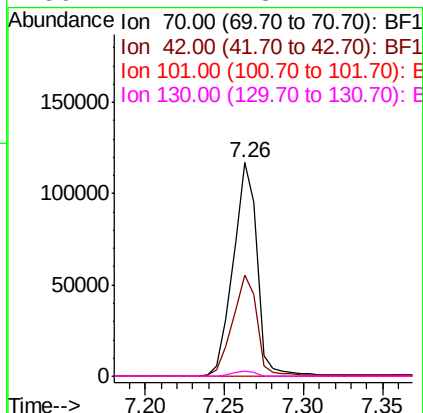




#19
n-Nitroso-di-n-propylamine
Concen: 14.552 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

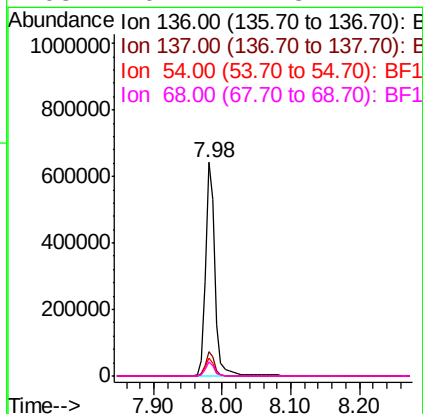
Instrument :
BNA_F
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S4C(18-29)COMP

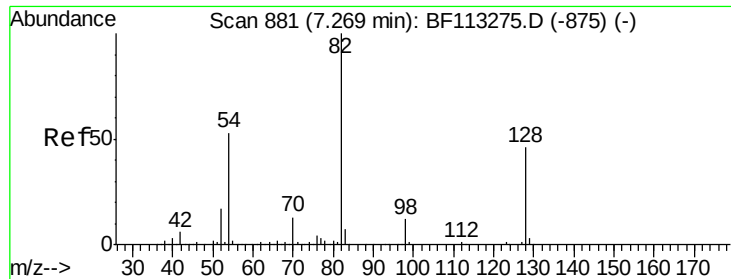
Tgt Ion: 70 Resp: 122674
Ion Ratio Lower Upper
70 100
42 47.2 48.4 72.6#
101 0.0 7.8 11.8#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Tgt Ion: 136 Resp: 640213
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 7.0 10.6
68 6.4 4.8 7.2

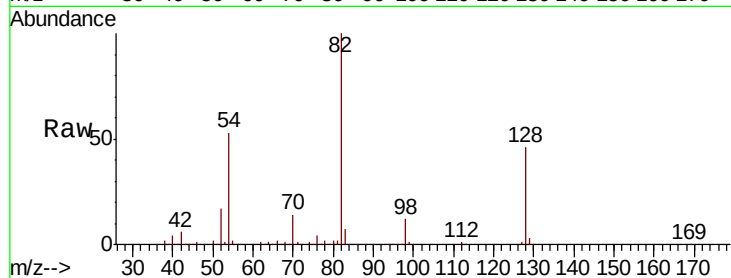




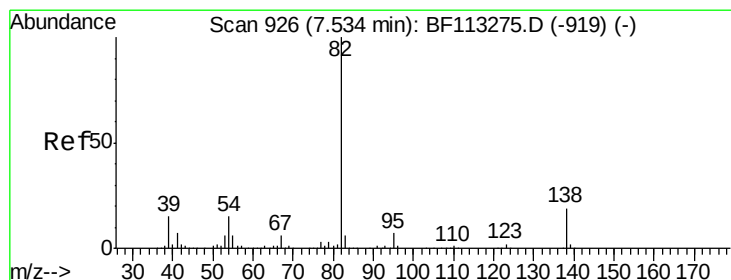
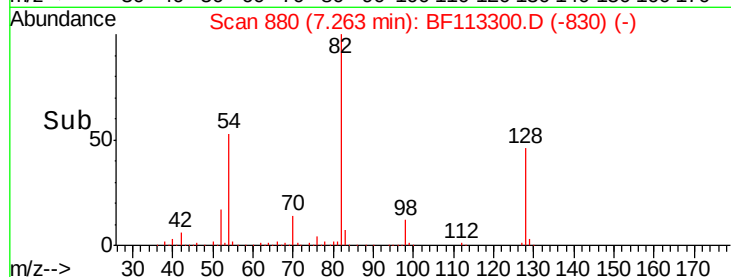
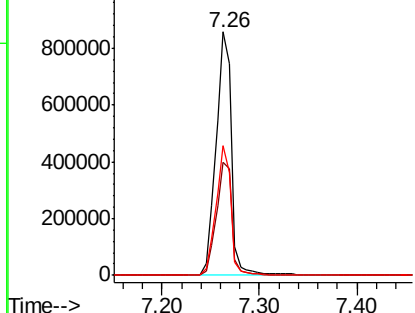
#23
Nitrobenzene-d5
Concen: 87.183 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Instrument :
BNA_F
ClientSampleId :
S4C(18-29)COMP

Tgt Ion: 82 Resp: 940383
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 53.4 42.2 63.2

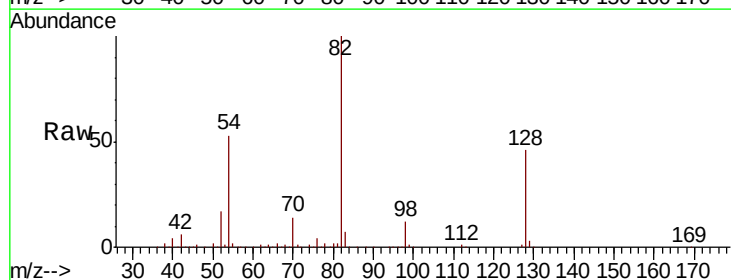


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

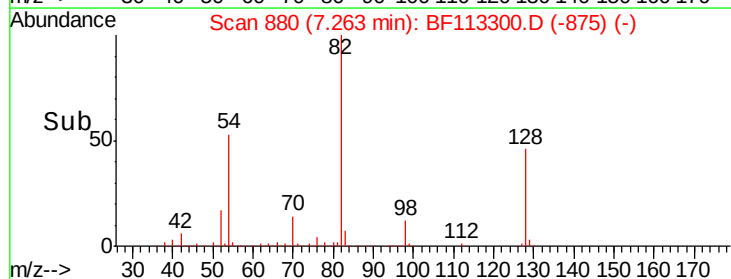
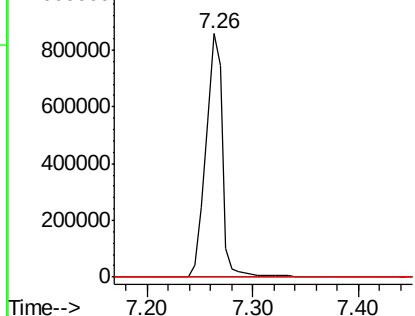


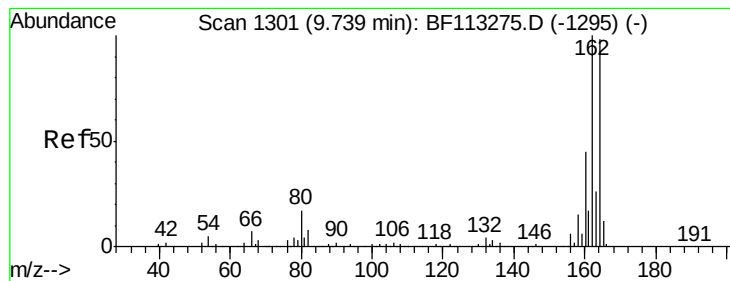
#25
Isophorone
Concen: 44.141 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Tgt Ion: 82 Resp: 922710
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: BF113300.D

Acq: 26 Mar 2019 19:28

Instrument :

BNA_F

ClientSampleId :

S4C(18-29)COMP

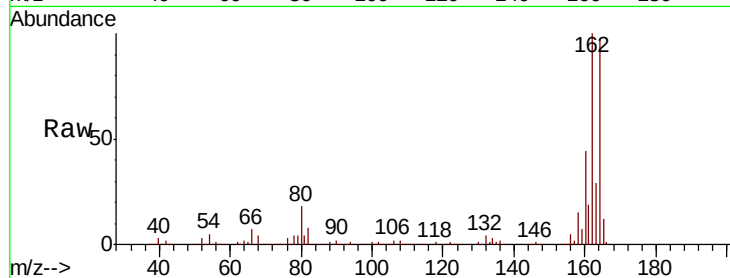
Tgt Ion:164 Resp: 301731

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

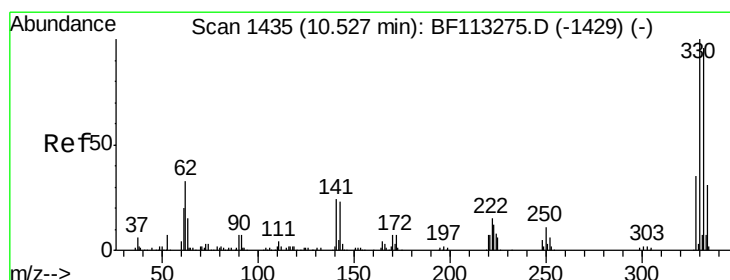
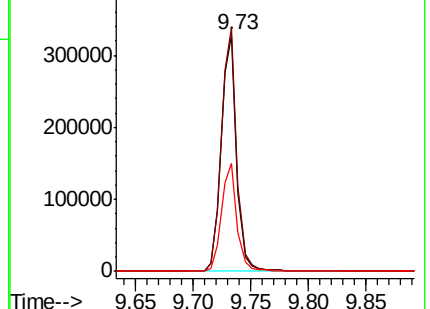
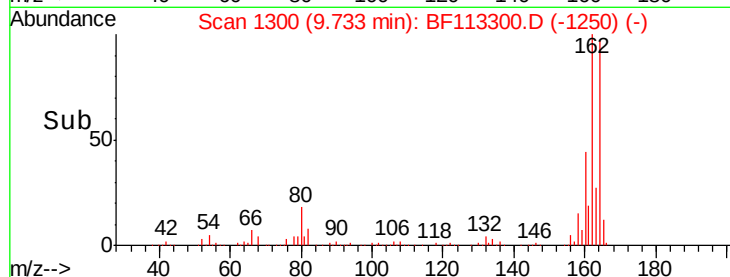
160 45.5 36.4 54.6



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: 83.081 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113300.D

Acq: 26 Mar 2019 19:28

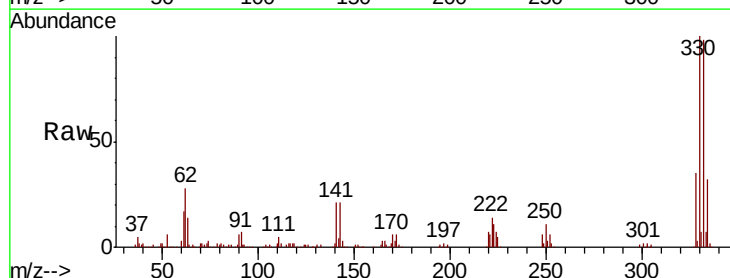
Tgt Ion:330 Resp: 309649

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

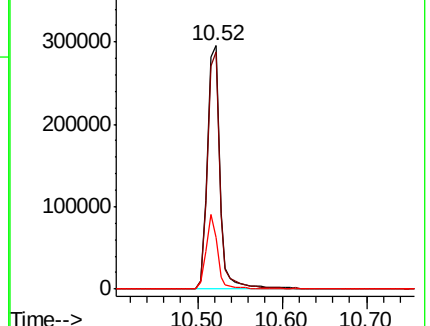
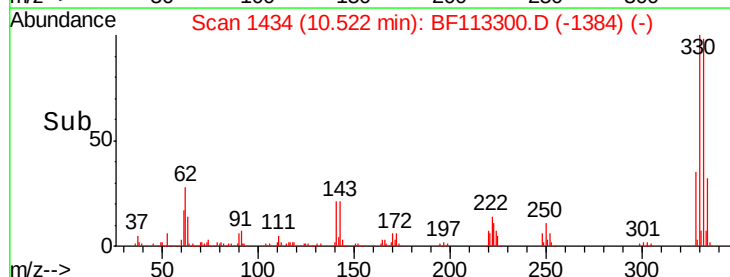
141 27.7 22.7 34.1

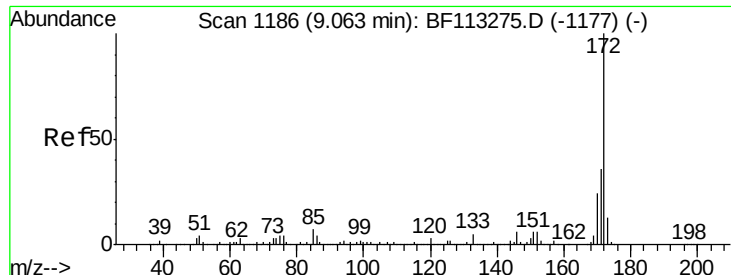


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

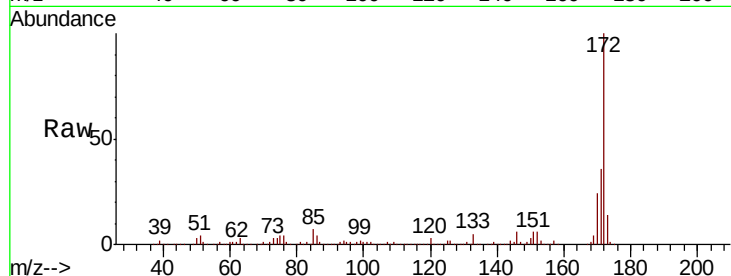




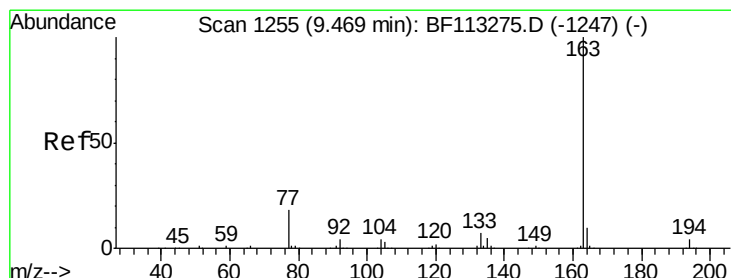
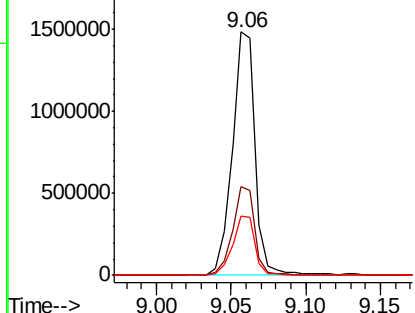
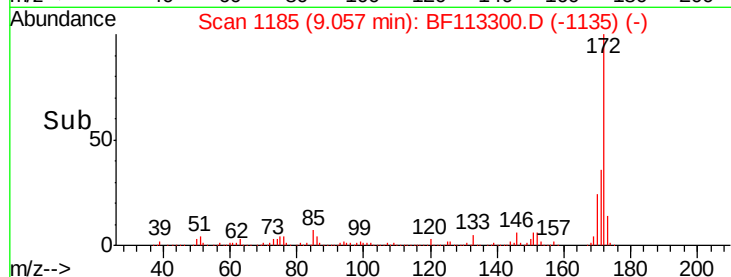
#45
2-Fluorobiphenyl
Concen: 82.263 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Instrument :
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Tgt Ion:172 Resp: 1594567
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.5 19.5 29.3

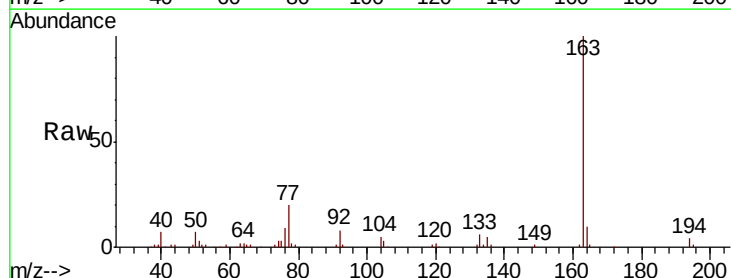


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

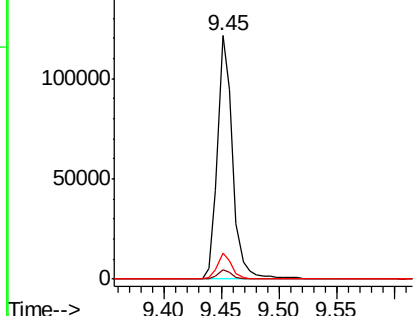
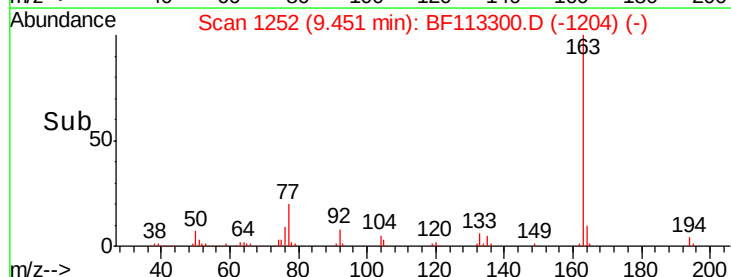


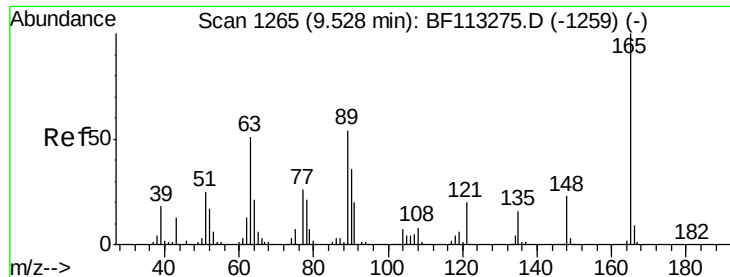
#50
Dimethylphthalate
Concen: 4.998 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Tgt Ion:163 Resp: 111761
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

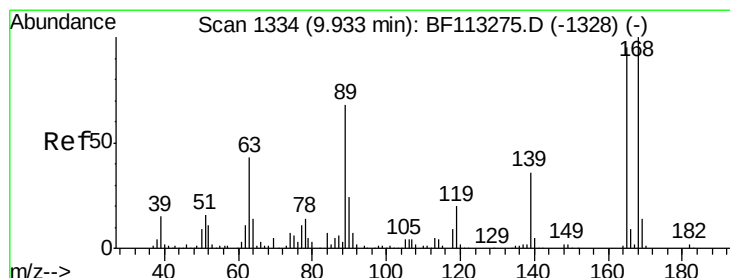
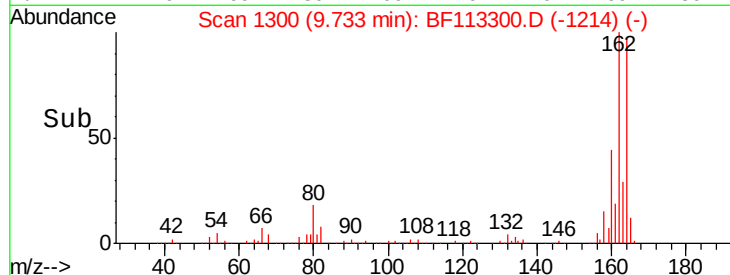
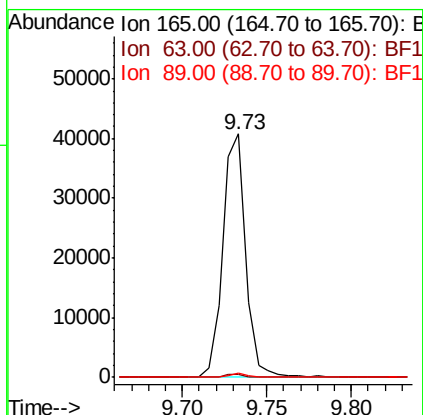
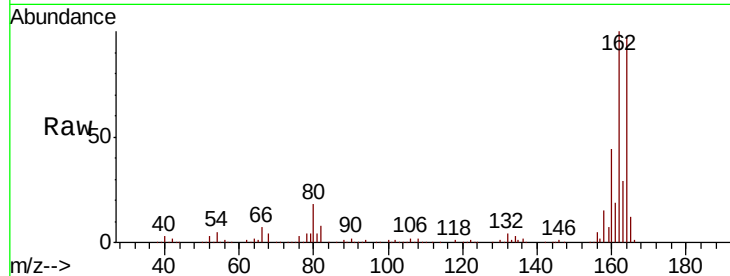




#51
 2,6-Dinitrotoluene
 Concen: 7.587 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.21 min
 Lab File: BF113300.D
 Acq: 26 Mar 2019 19:28

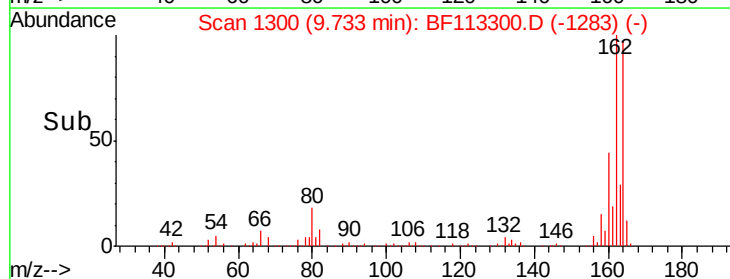
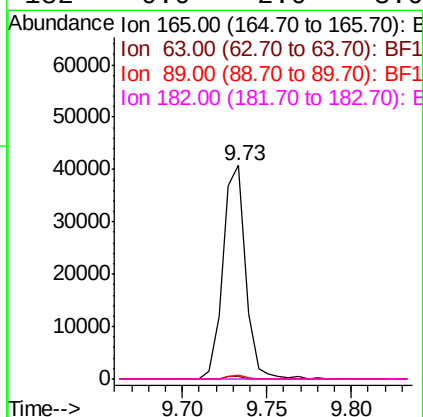
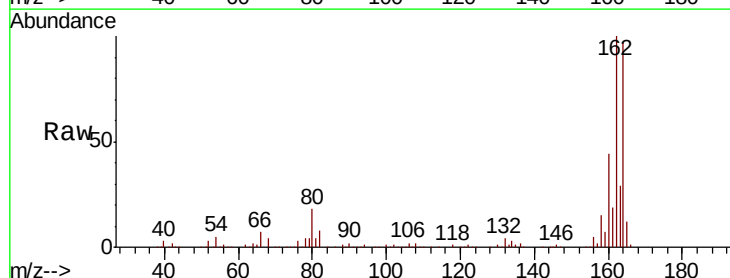
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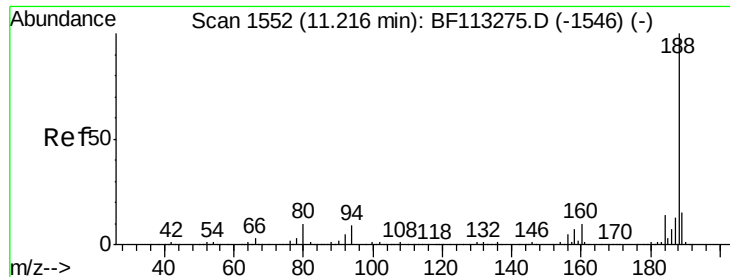
Tgt Ion:165 Resp: 38272
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.0#
 89 1.7 43.1 64.7#



#57
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113300.D
 Acq: 26 Mar 2019 19:28

Tgt Ion:165 Resp: 38272
 Ion Ratio Lower Upper
 165 100
 63 1.5 37.5 56.3#
 89 1.7 57.4 86.2#
 182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113300.D

Acq: 26 Mar 2019 19:28

Instrument :

BNA_F

ClientSampleId :

S4C(18-29)COMP

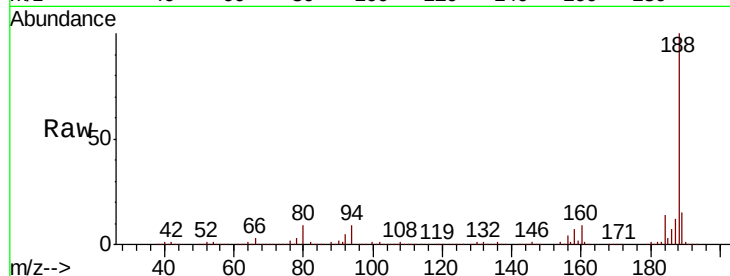
Tgt Ion:188 Resp: 585214

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

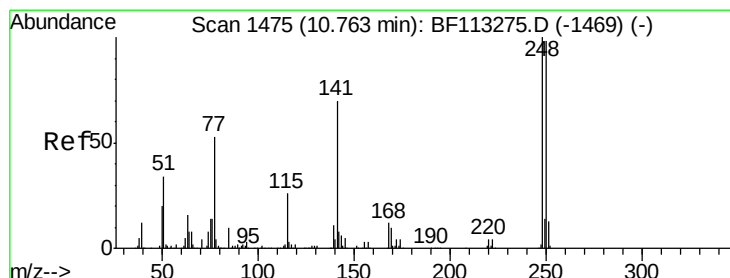
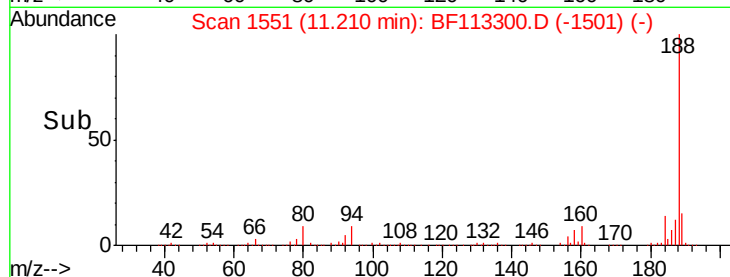
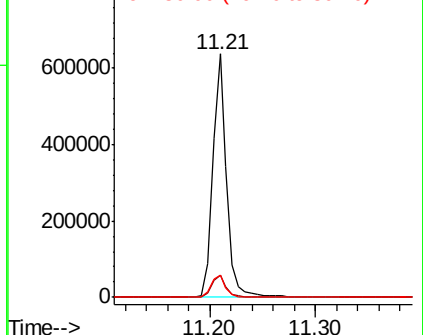
80 9.2 7.7 11.5



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: 2.736 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF113300.D

Acq: 26 Mar 2019 19:28

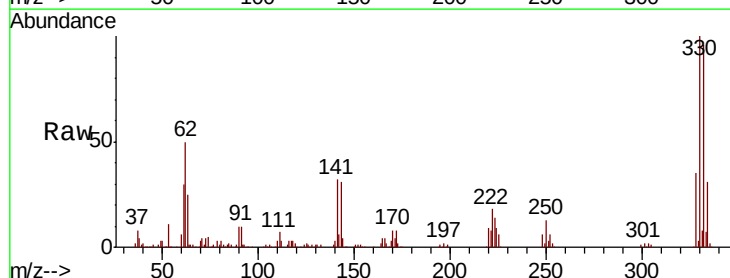
Tgt Ion:248 Resp: 17453

Ion Ratio Lower Upper

248 100

250 208.7 78.3 117.5#

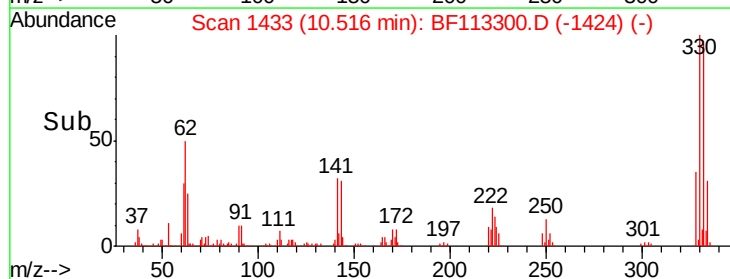
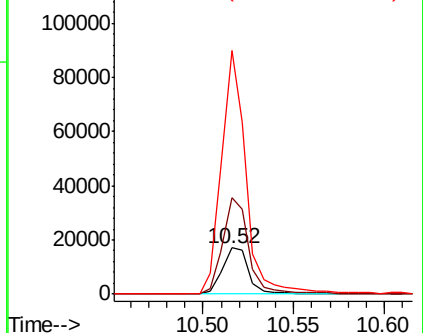
141 529.3 56.2 84.4#

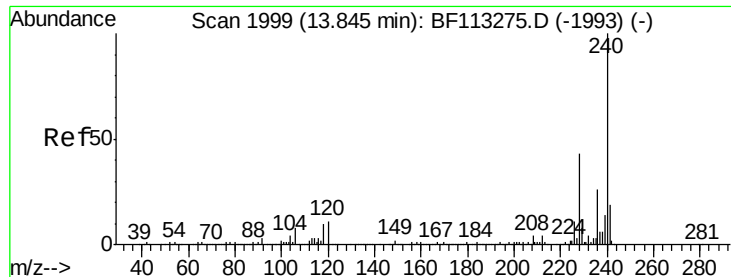


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

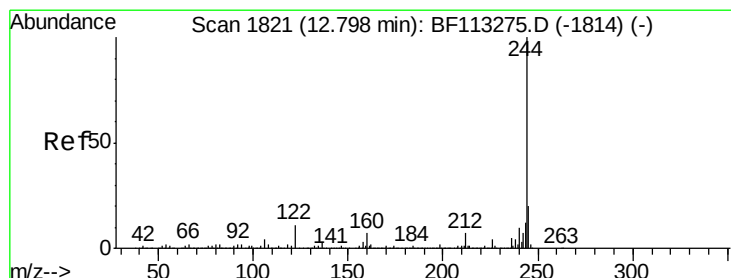
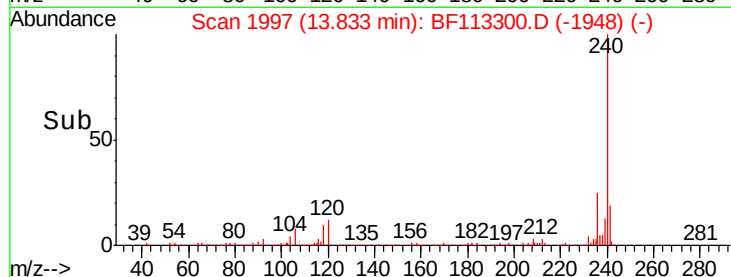
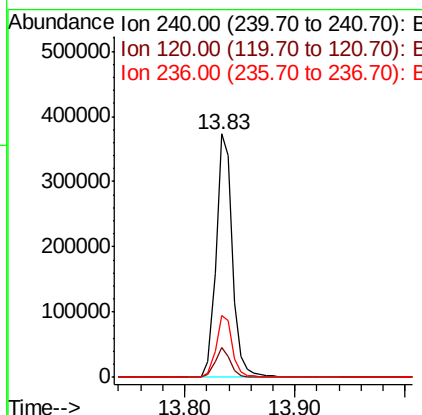
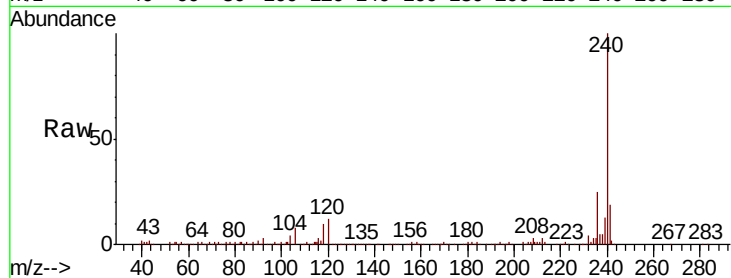




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

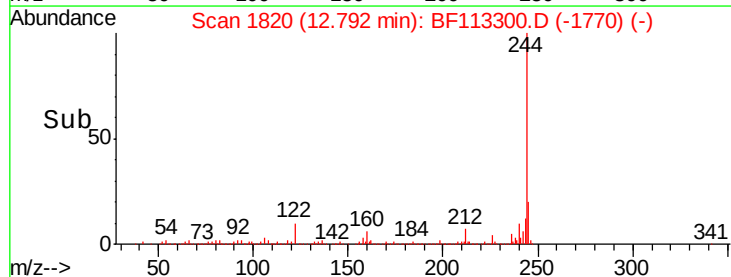
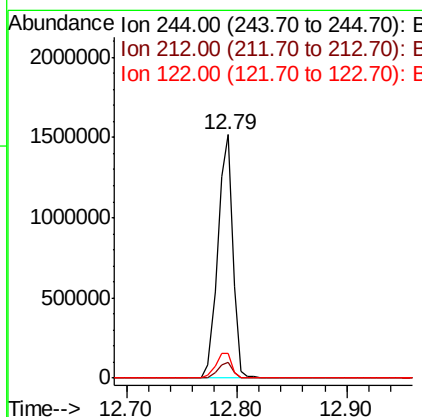
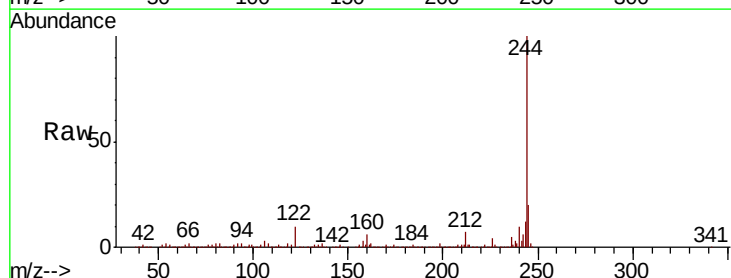
Instrument :
BNA_F
ClientSampleId :
S4C(18-29)COMP

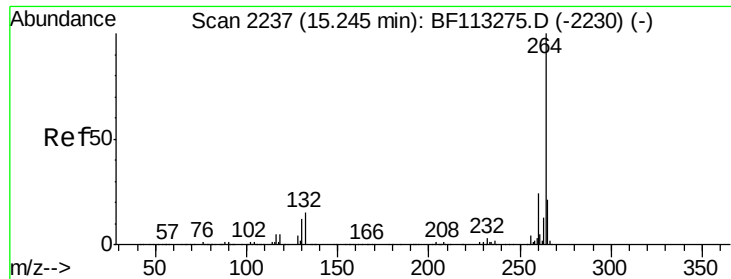
Tgt Ion:240 Resp: 381297
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 82.804 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Tgt Ion:244 Resp: 1432415
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 10.3 8.6 13.0

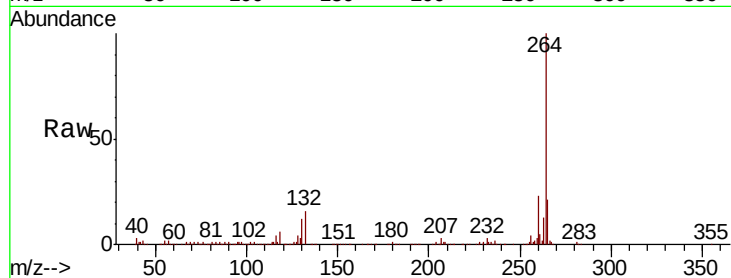




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113300.D
Acq: 26 Mar 2019 19:28

Instrument :
BNA_F
ClientSampleId :
S4C(18-29)COMP

Tgt Ion: 264 Resp: 380771
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 21.4 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

