

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113301.D
 Acq On : 26 Mar 2019 19:57
 Operator : JU/SJ
 Sample : K2081-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(2-10)COMP

Quant Time: Mar 27 05:01:19 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

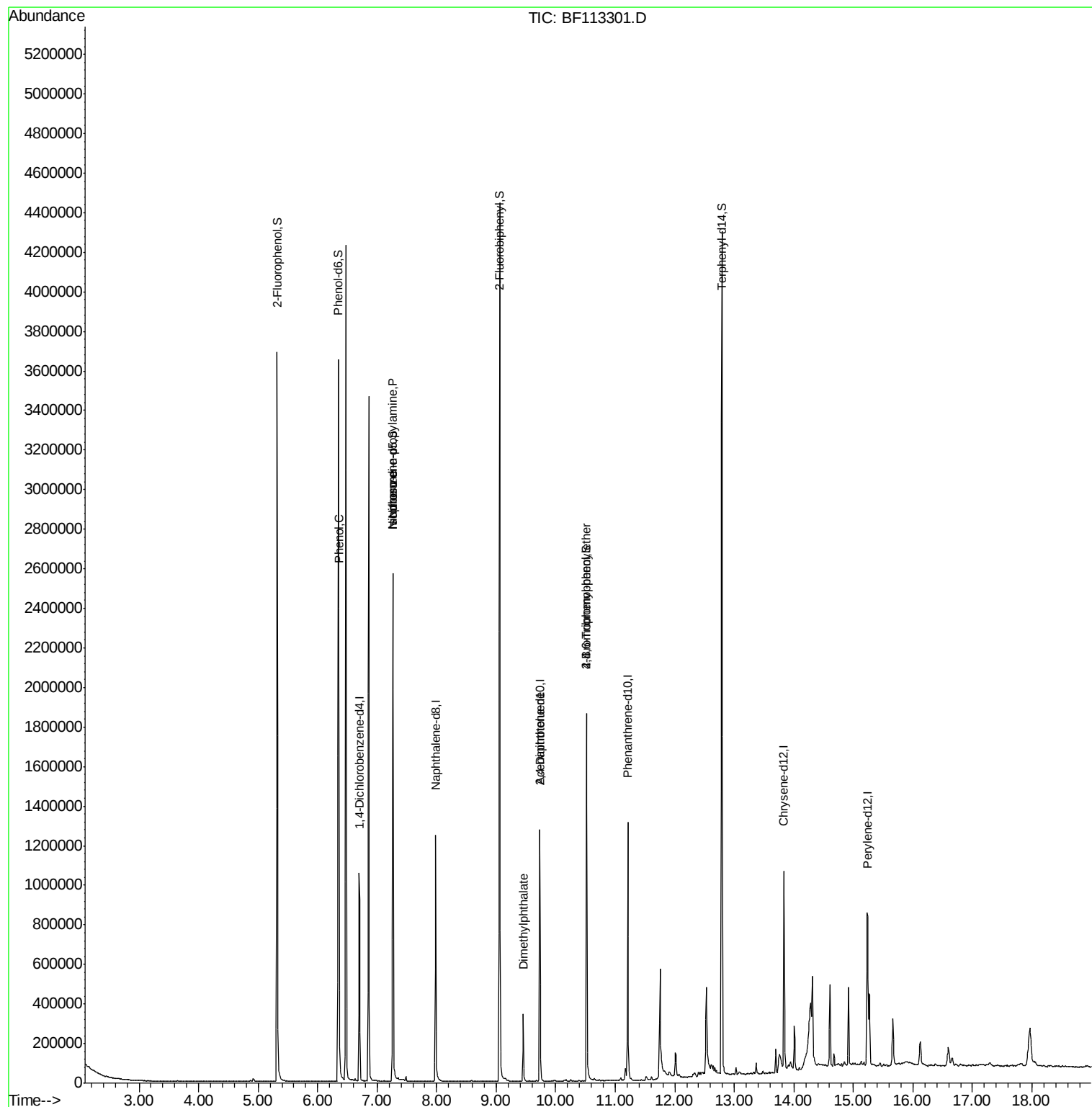
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162462	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	608039	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	275592	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	512267	20.00	ng	0.00
76) Chrysene-d12	13.83	240	381167	20.00	ng	-0.01
87) Perylene-d12	15.24	264	408160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1097019	110.41	ng	0.00
7) Phenol-d6	6.35	99	1501398	119.45	ng	0.00
23) Nitrobenzene-d5	7.26	82	941642	91.92	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	263948	77.54	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1609367	93.24	ng	0.00
79) Terphenyl-d14	12.79	244	1500988	86.80	ng	0.00
Target Compounds						
10) Phenol	6.36	94	50388	3.511	ng	# 70
19) n-Nitroso-di-n-propylamine	7.26	70	121020	15.328	ng	# 77
25) Isophorone	7.26	82	926877	46.687	ng	# 64
50) Dimethylphthalate	9.45	163	144296	7.065	ng	99
57) 2,4-Dinitrotoluene	9.73	165	34481	5.885	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	15000	2.687	ng	# 1

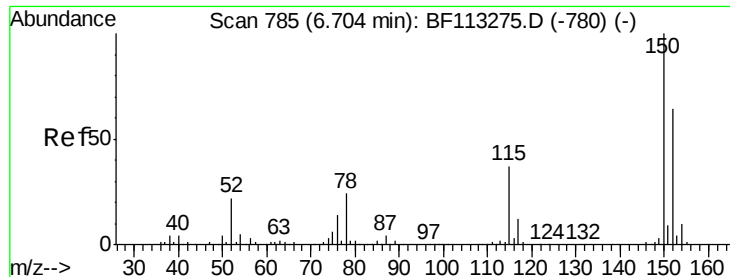
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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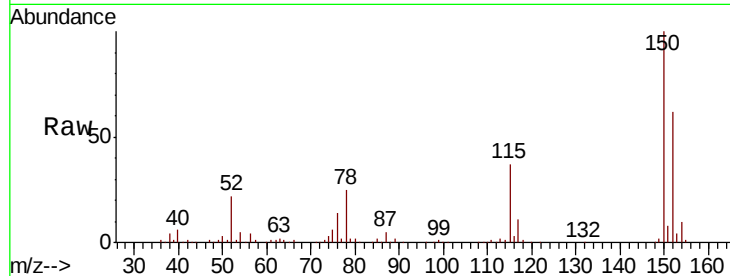


#1

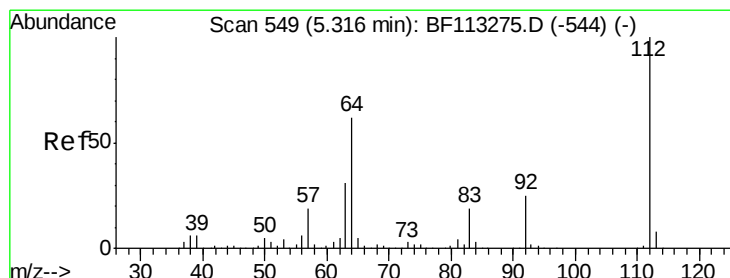
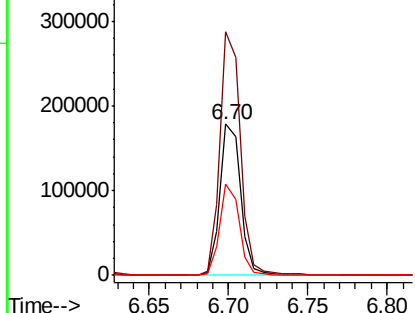
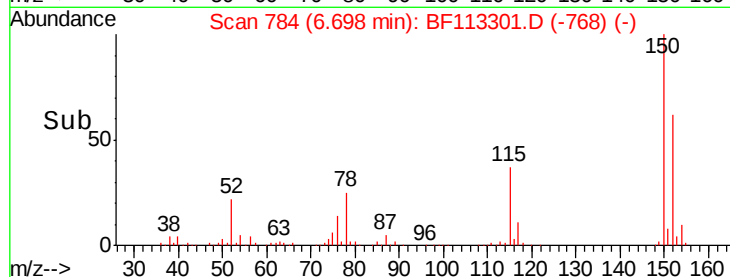
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Instrument :
BNA_F
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:152 Resp: 162462
Ion Ratio Lower Upper
152 100
150 161.1 124.7 187.1
115 60.1 46.0 69.0



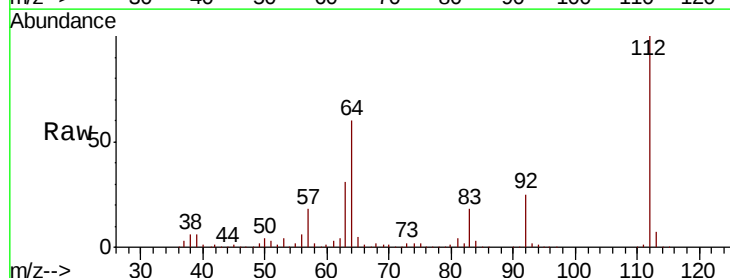
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



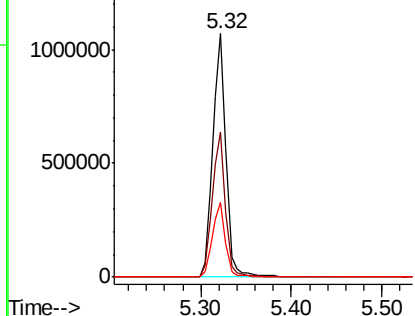
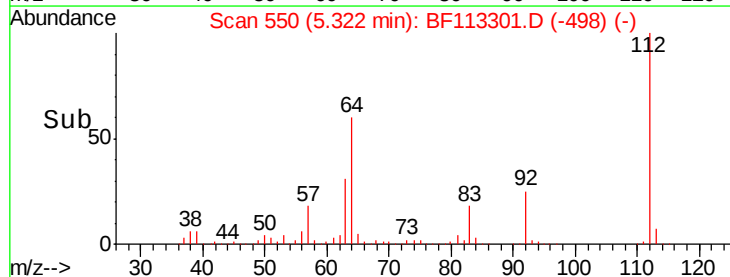
#5

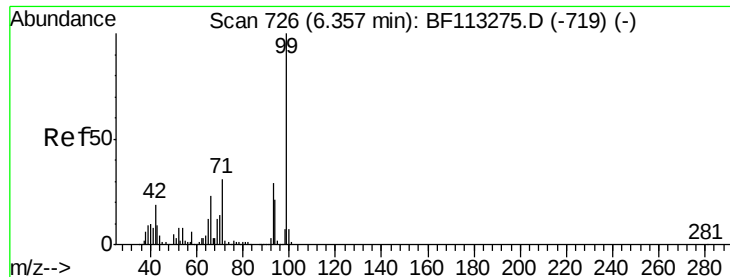
2-Fluorophenol
Concen: 110.411 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Tgt Ion:112 Resp: 1097019
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 30.5 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: 119.450 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113301.D

Acq: 26 Mar 2019 19:57

Instrument :

BNA_F

ClientSampleId :

S3A(2-10)COMP

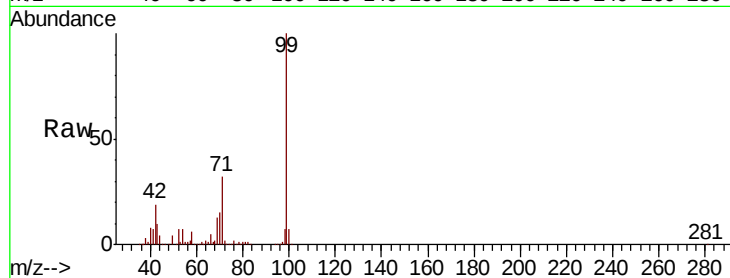
Tgt Ion: 99 Resp: 1501398

Ion Ratio Lower Upper

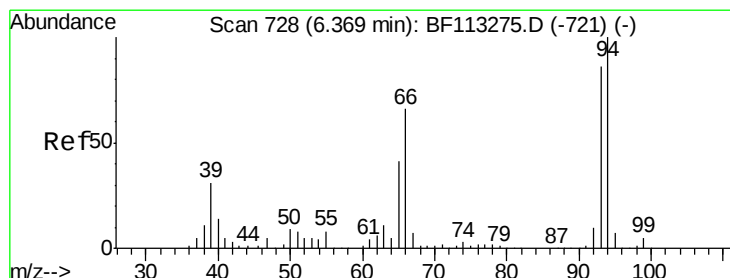
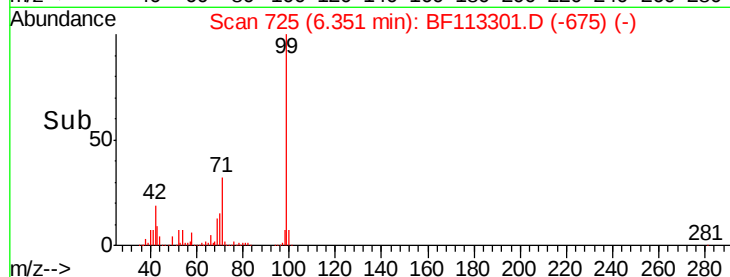
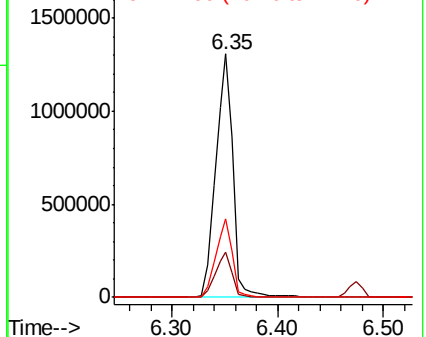
99 100

42 18.5 14.8 22.2

71 32.4 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: 3.511 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113301.D

Acq: 26 Mar 2019 19:57

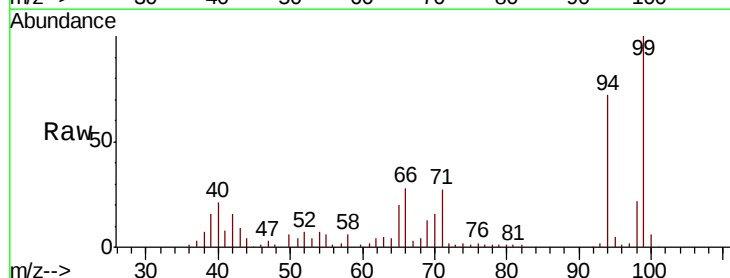
Tgt Ion: 94 Resp: 50388

Ion Ratio Lower Upper

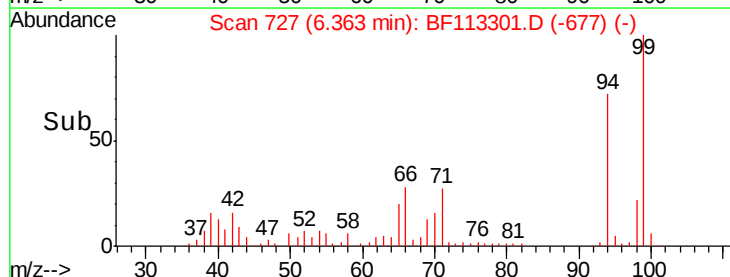
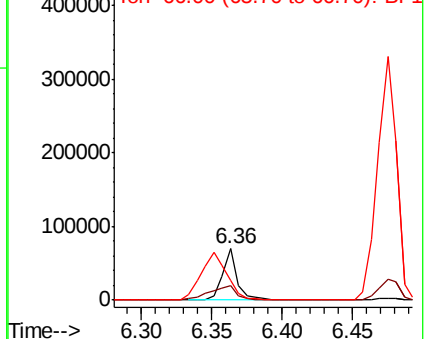
94 100

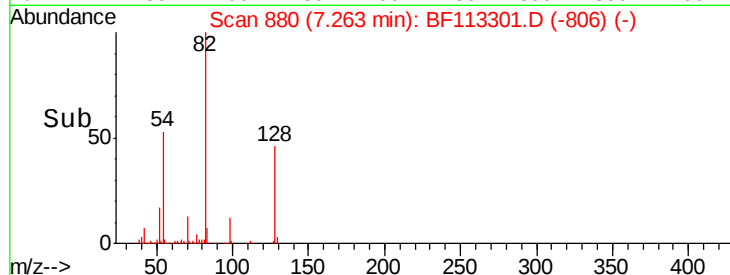
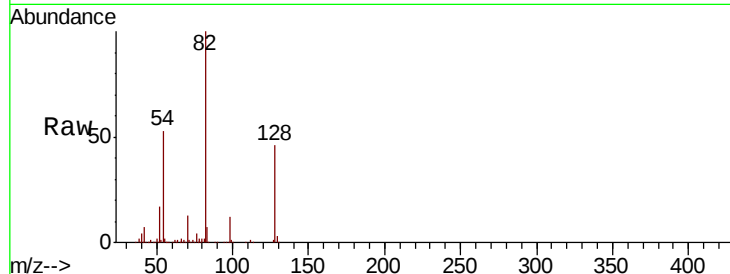
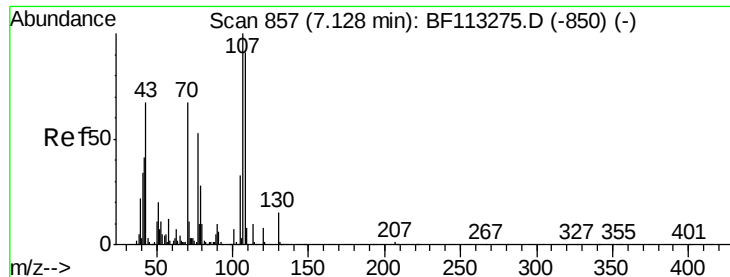
65 27.2 21.4 61.4

66 38.9 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

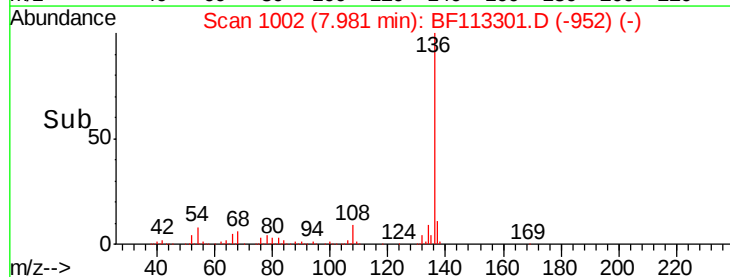
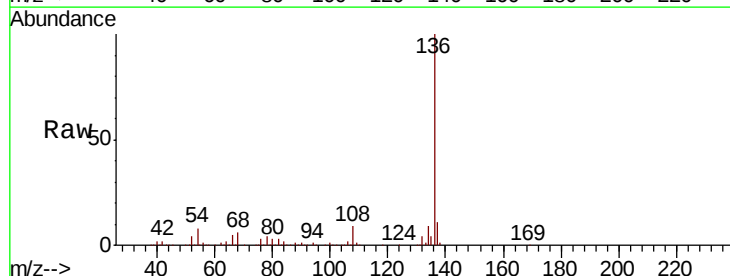
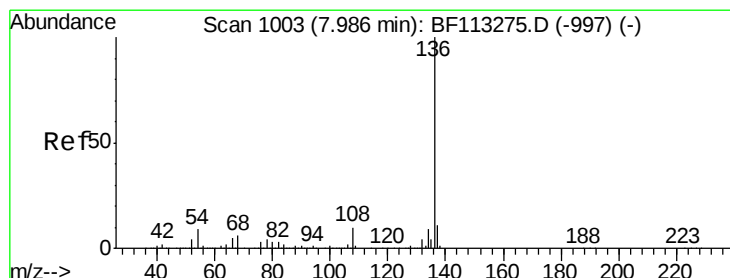
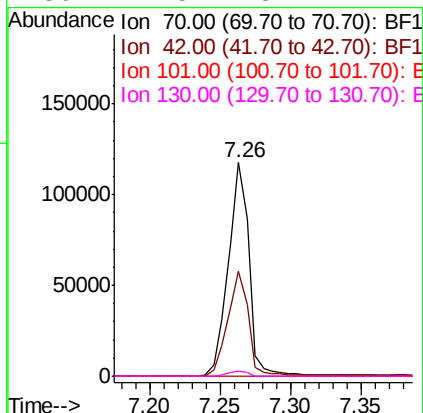




#19
n-Nitroso-di-n-propylamine
Concen: 15.328 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

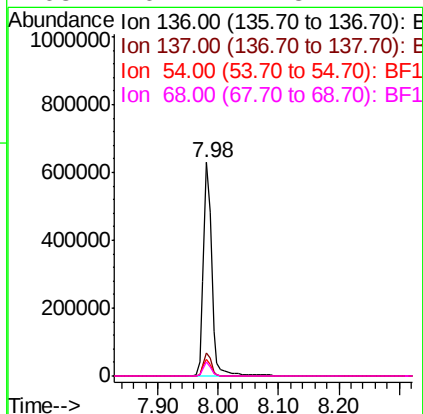
Instrument :
BNA_F
ClientSampleId :
S3A(2-10)COMP

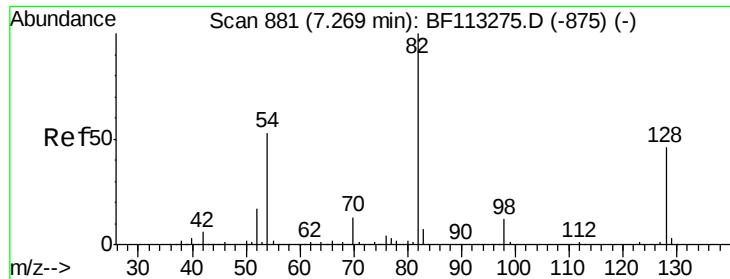
Tgt Ion: 70 Resp: 121020
Ion Ratio Lower Upper
70 100
42 49.1 48.4 72.6
101 0.0 7.8 11.8#
130 2.5 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Tgt Ion: 136 Resp: 608039
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 7.0 10.6
68 6.4 4.8 7.2

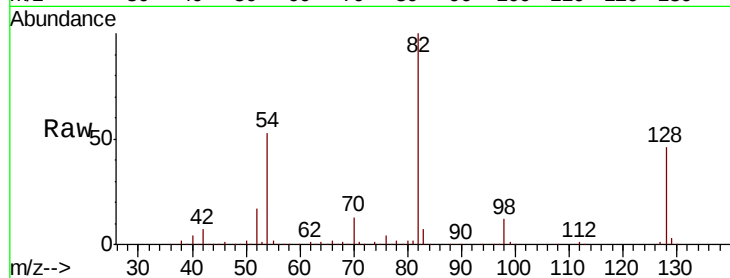




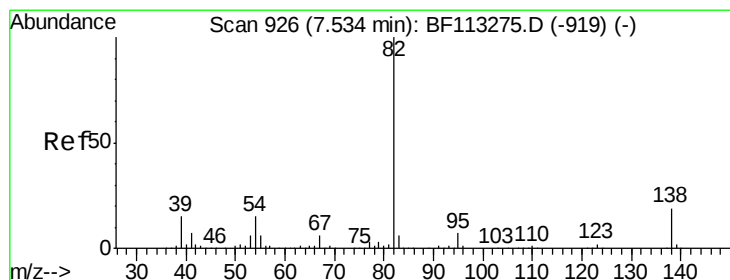
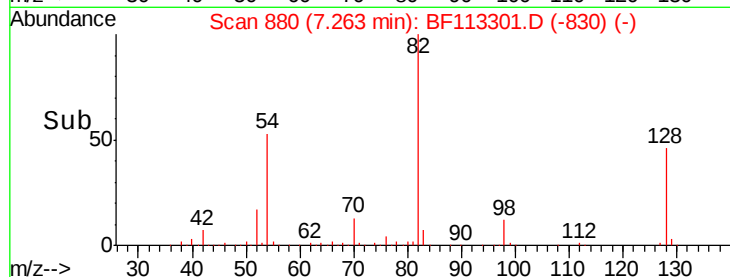
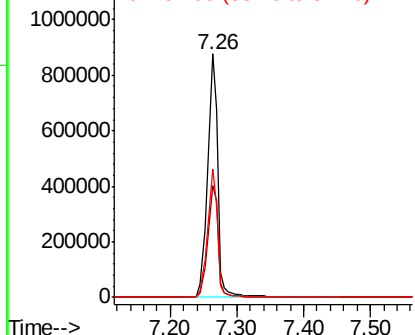
#23
Nitrobenzene-d5
Concen: 91.919 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Instrument :
BNA_F
ClientSampleId :
S3A(2-10)COMP

Tgt Ion: 82 Resp: 941642
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 52.9 42.2 63.2

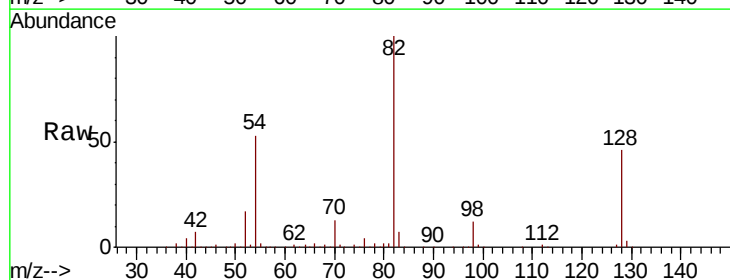


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 128.00 (127.70 to 128.70): BF1
1000000 Ion 54.00 (53.70 to 54.70): BF1

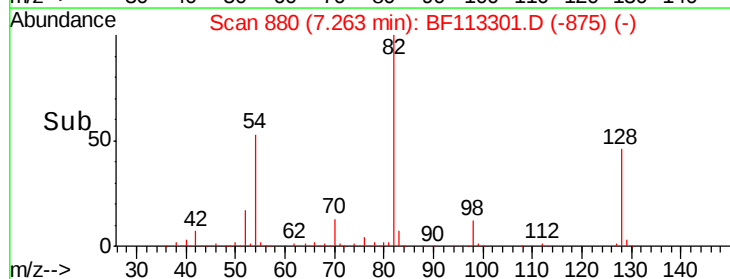
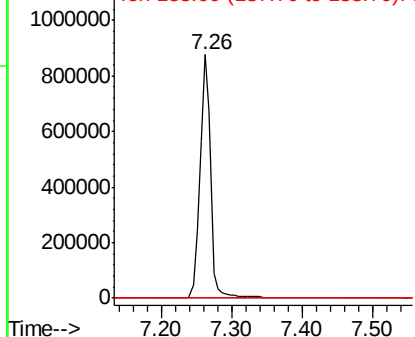


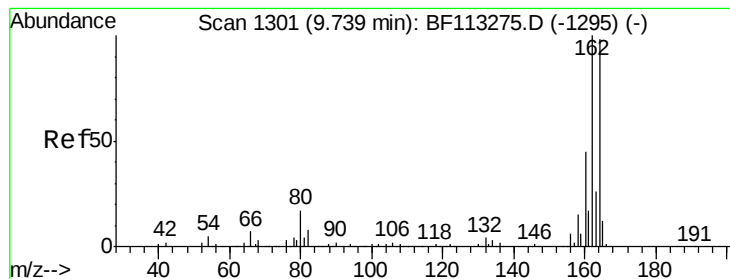
#25
Isophorone
Concen: 46.687 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Tgt Ion: 82 Resp: 926877
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
1200000 Ion 95.00 (94.70 to 95.70): BF1
1000000 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: BF113301.D

Acq: 26 Mar 2019 19:57

Instrument :

BNA_F

ClientSampleId :

S3A(2-10)COMP

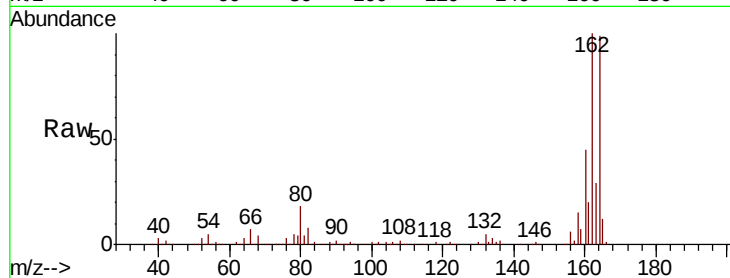
Tgt Ion:164 Resp: 275592

Ion Ratio Lower Upper

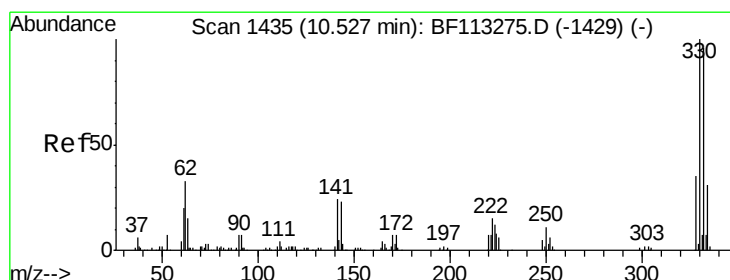
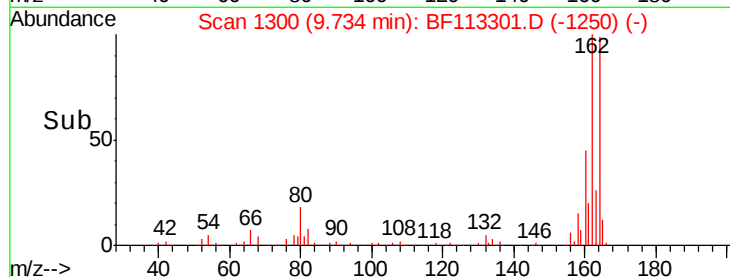
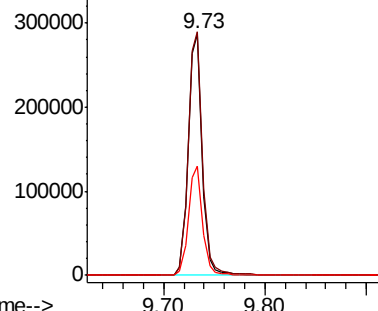
164 100

162 100.9 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: 77.536 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113301.D

Acq: 26 Mar 2019 19:57

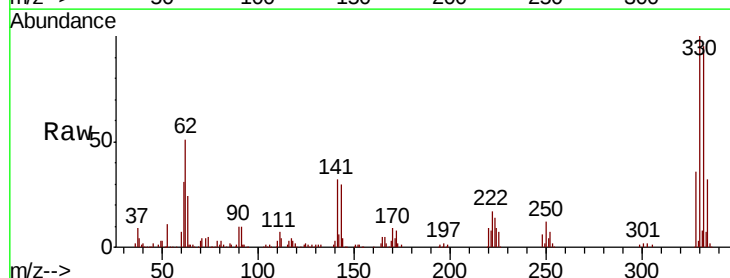
Tgt Ion:330 Resp: 263948

Ion Ratio Lower Upper

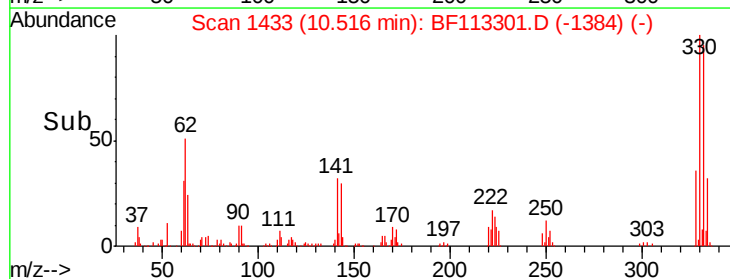
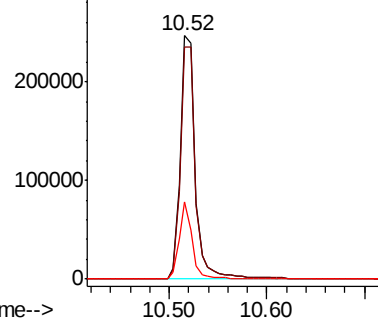
330 100

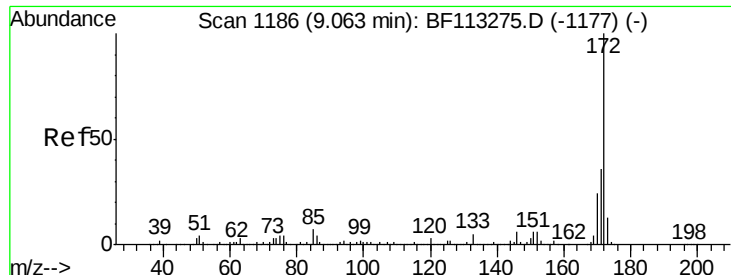
332 95.5 77.8 116.6

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

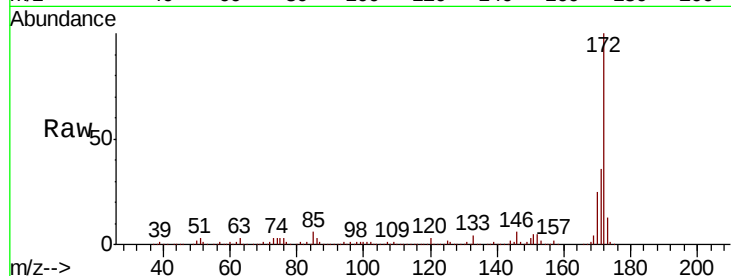




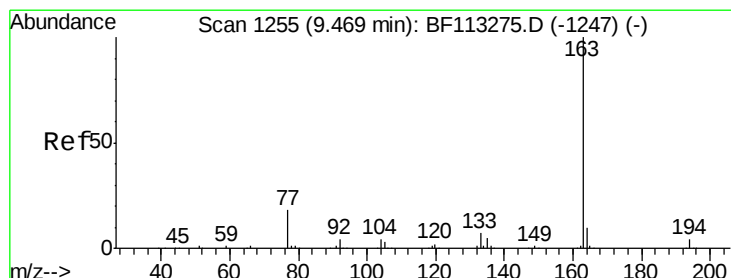
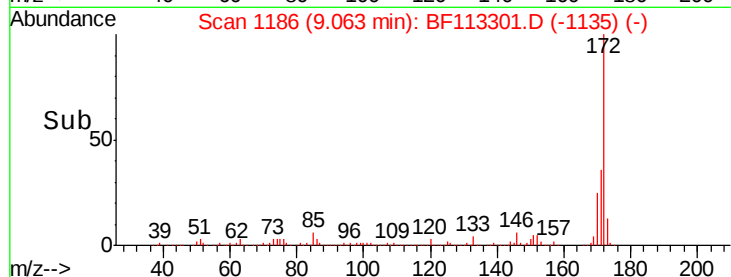
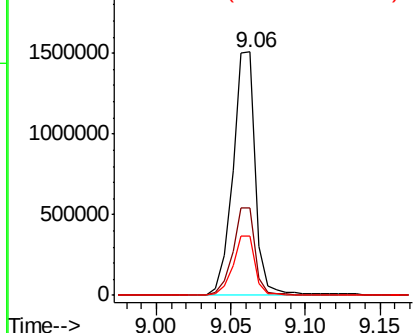
#45
2-Fluorobiphenyl
Concen: 93.238 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Instrument :
BNA_F
ClientSampleId :
S3A(2-10)COMP

Tgt Ion:172 Resp: 1609367
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.5 19.5 29.3

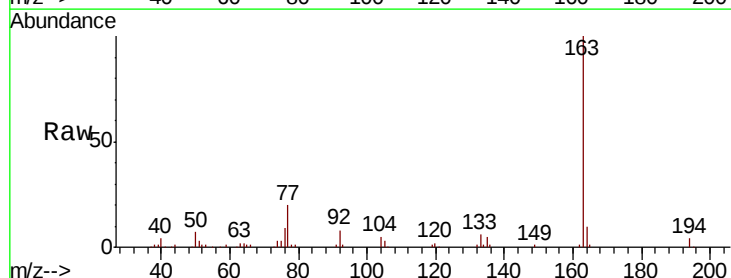


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

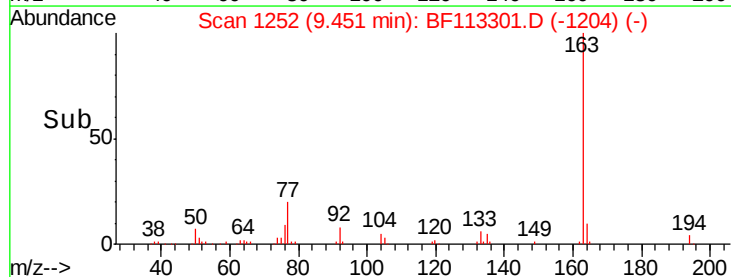
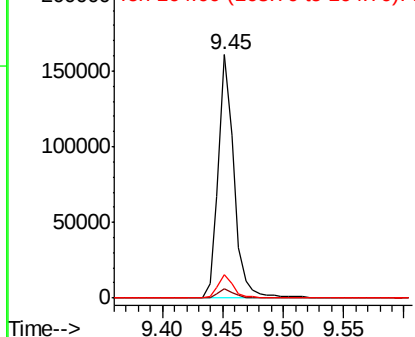


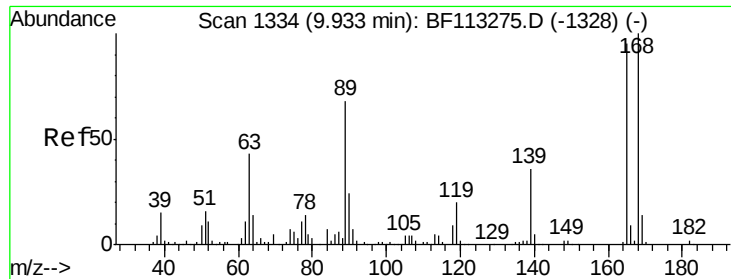
#50
Dimethylphthalate
Concen: 7.065 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113301.D
Acq: 26 Mar 2019 19:57

Tgt Ion:163 Resp: 144296
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 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

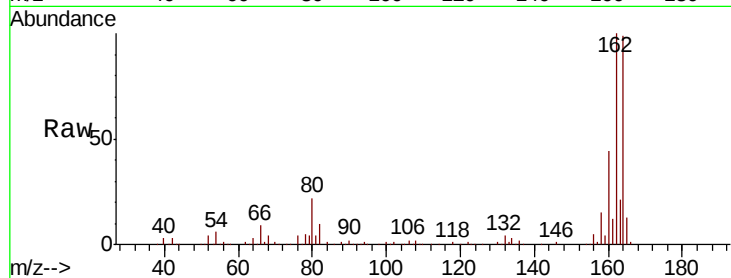




#57
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF113301.D
 Acq: 26 Mar 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 S3A(2-10)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.1	57.4	86.2#
182	0.0	2.0	3.0#



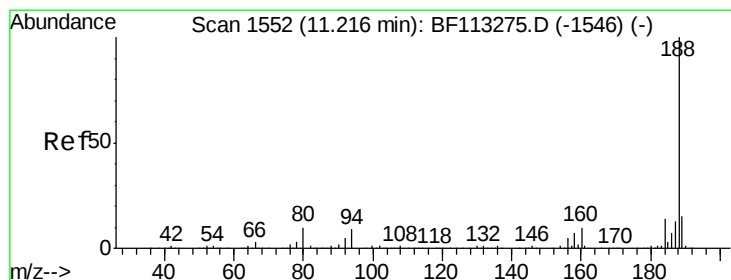
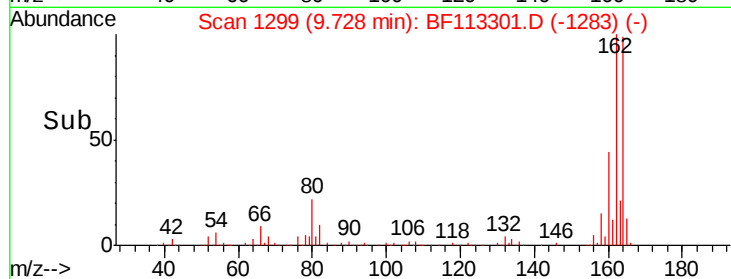
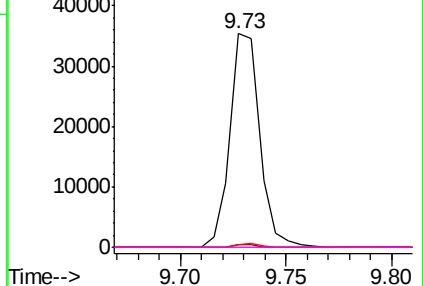
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

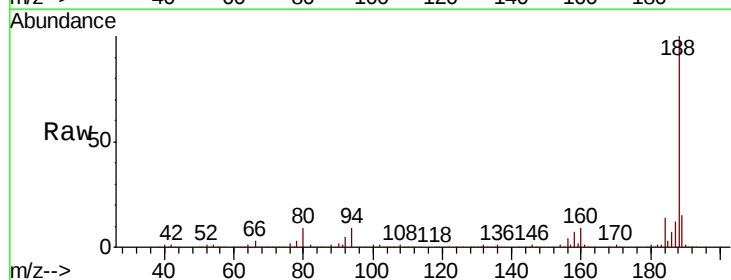
Ion 89.00 (88.70 to 89.70): BF1

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: BF113301.D
 Acq: 26 Mar 2019 19:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.3	7.7	11.5

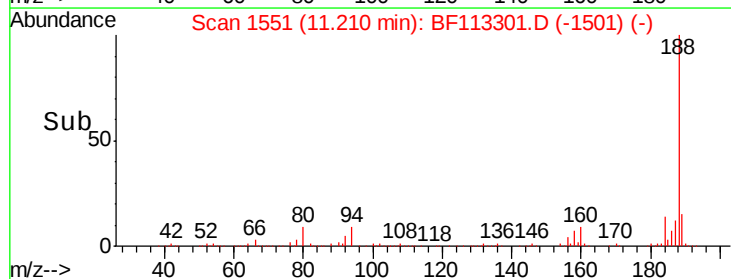
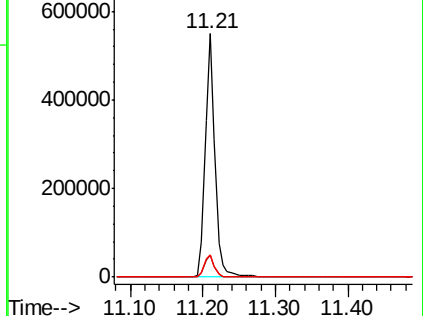


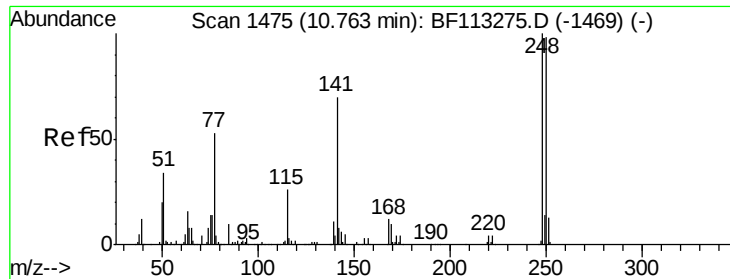
Abundance

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

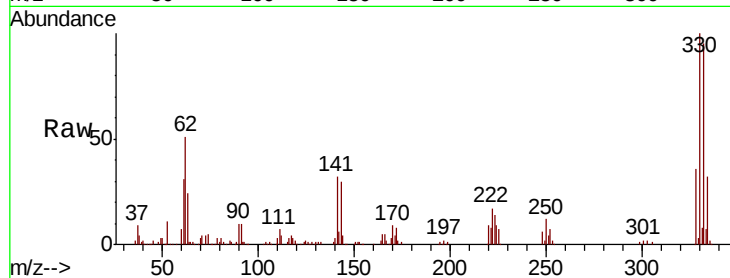




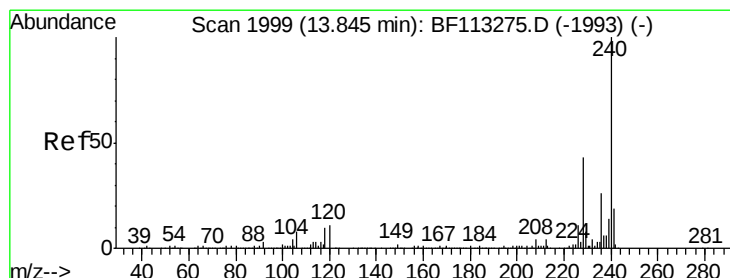
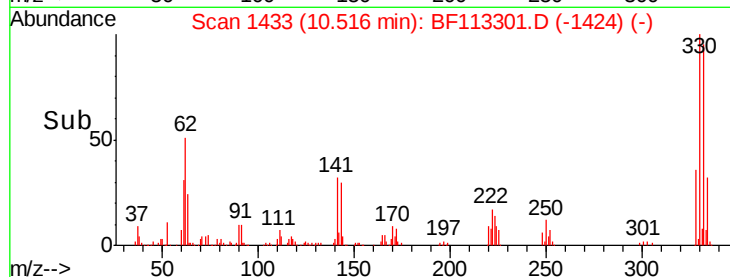
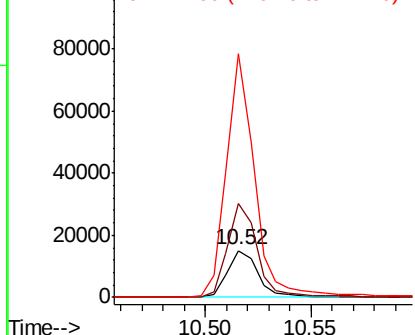
#67
 4-Bromophenyl-phenylether
 Concen: 2.687 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113301.D
 Acq: 26 Mar 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 S3A(2-10)COMP

Tgt Ion:248 Resp: 15000
 Ion Ratio Lower Upper
 248 100
 250 200.9 78.3 117.5#
 141 523.6 56.2 84.4#

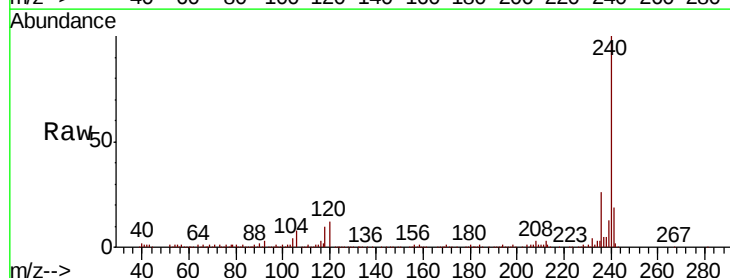


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

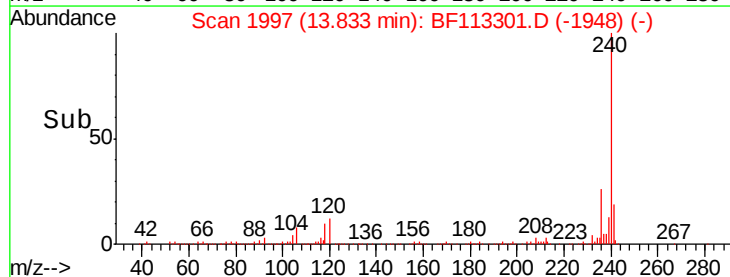
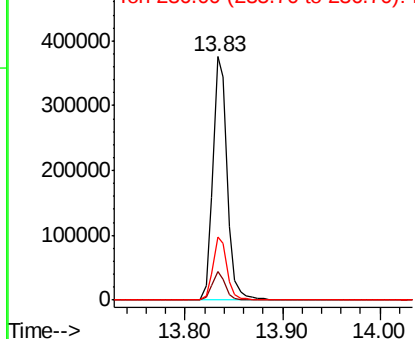


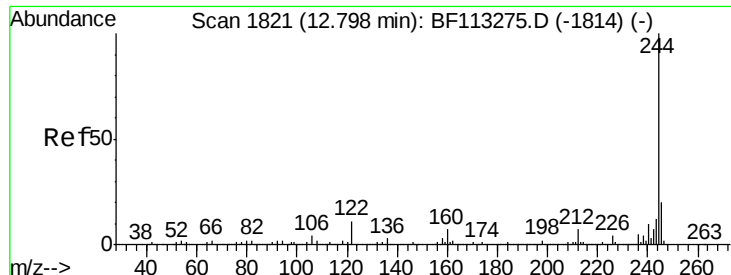
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113301.D
 Acq: 26 Mar 2019 19:57

Tgt Ion:240 Resp: 381167
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.8 13.2
 236 25.7 20.9 31.3



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: 86.797 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113301.D

Acq: 26 Mar 2019 19:57

Instrument :

BNA_F

ClientSampleId :

S3A(2-10)COMP

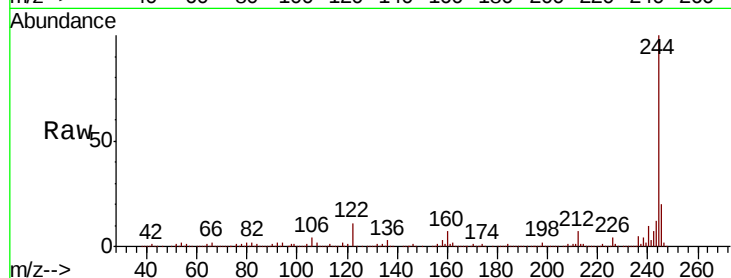
Tgt Ion:244 Resp: 1500988

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

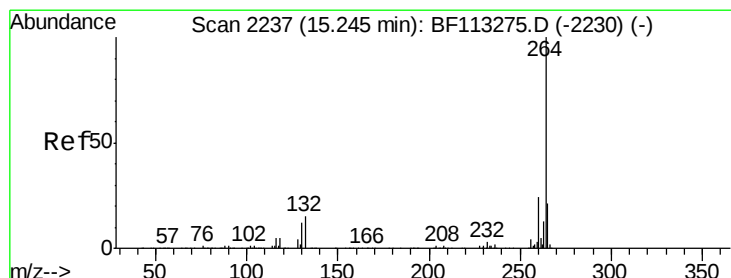
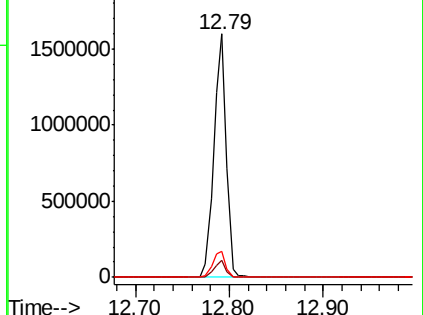
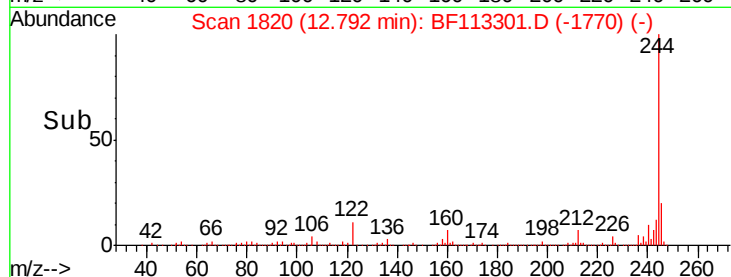
122 10.9 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113301.D

Acq: 26 Mar 2019 19:57

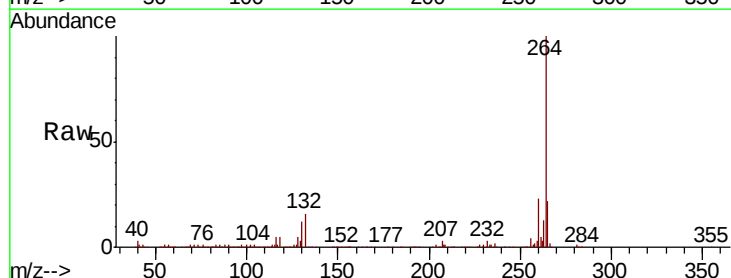
Tgt Ion:264 Resp: 408160

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.6 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

