

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113385.D
 Acq On : 28 Mar 2019 20:32
 Operator : JU/SJ
 Sample : K2111-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

Quant Time: Mar 29 02:13:25 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

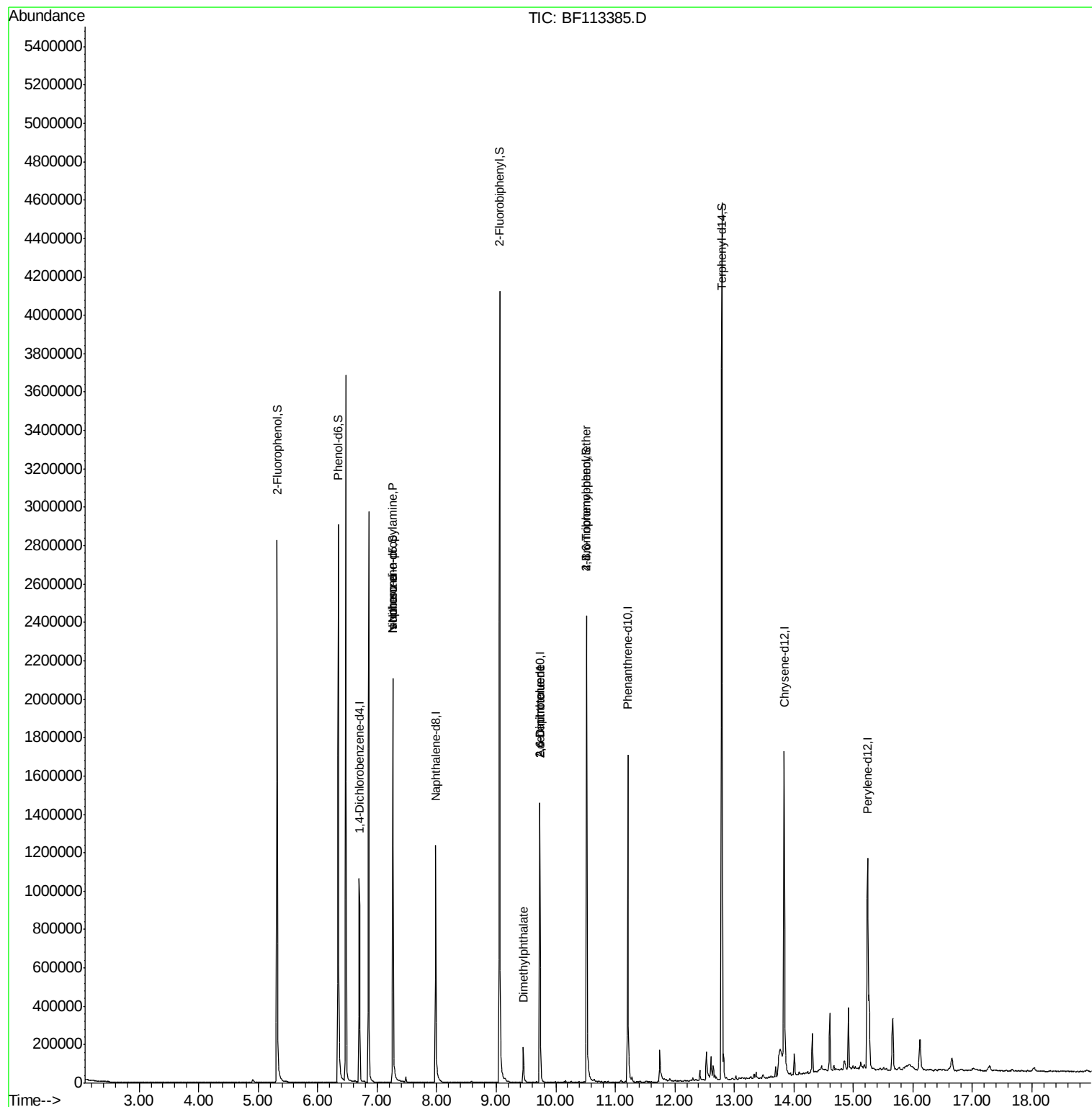
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170677	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	659796	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	325431	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	702136	20.00	ng	0.00
76) Chrysene-d12	13.84	240	665219	20.00	ng	0.00
87) Perylene-d12	15.24	264	545828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	942078	90.25	ng	0.00
7) Phenol-d6	6.35	99	1225639	92.82	ng	0.00
23) Nitrobenzene-d5	7.26	82	751048	67.56	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	391871	97.48	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1446939	65.68	ng	0.00
79) Terphenyl-d14	12.79	244	1754053	58.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	96328	11.614	ng	# 76
25) Isophorone	7.26	82	745080	34.586	ng	# 64
50) Dimethylphthalate	9.45	163	104999	4.354	ng	100
51) 2,6-Dinitrotoluene	9.73	165	41446	7.618	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	41447	5.990	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	22131	2.892	ng	# 1

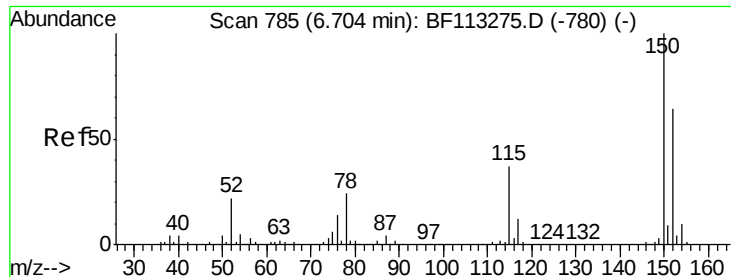
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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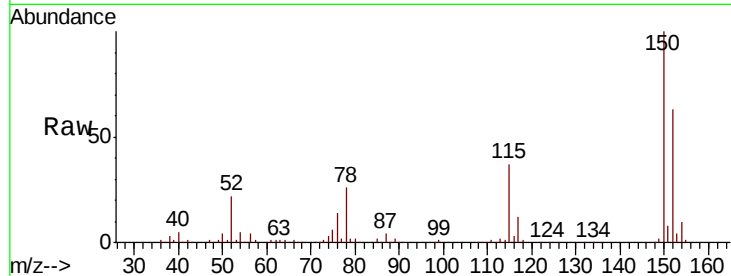


#1

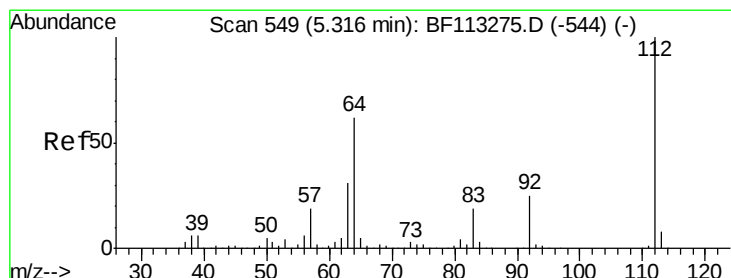
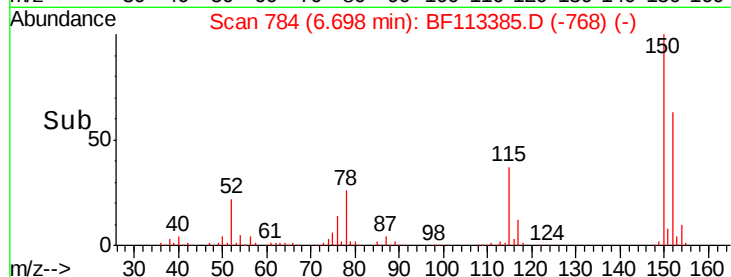
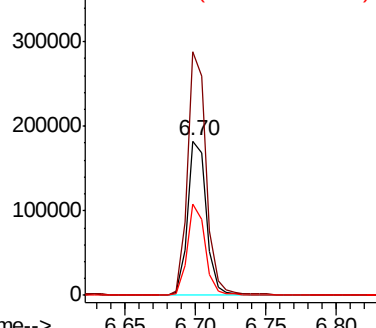
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Tgt Ion:152 Resp: 170677
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 59.0 46.0 69.0



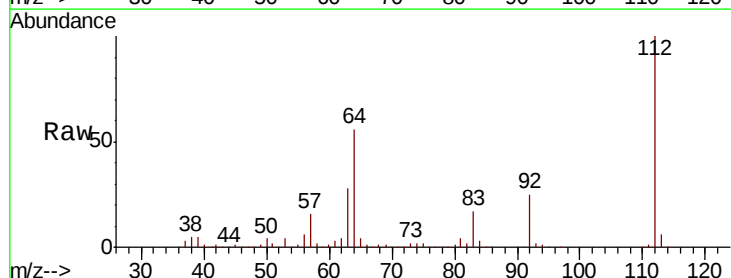
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



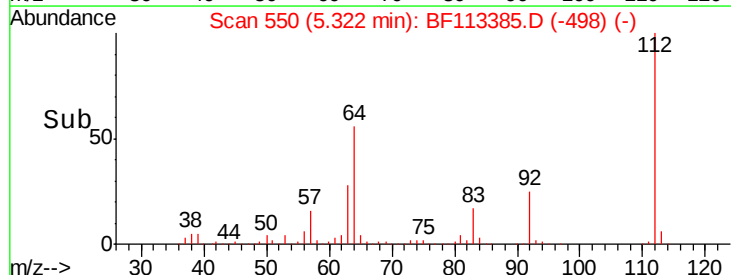
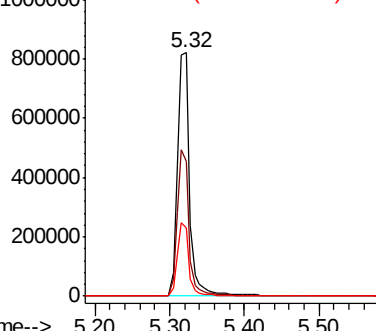
#5

2-Fluorophenol
Concen: 90.253 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion:112 Resp: 942078
Ion Ratio Lower Upper
112 100
64 55.6 49.2 73.8
63 27.9 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: 92.817 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

Instrument :

BNA_F

ClientSampleId :

S5(5-15)COMP

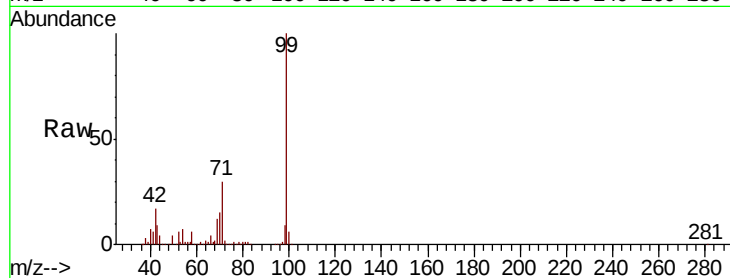
Tgt Ion: 99 Resp: 1225639

Ion Ratio Lower Upper

99 100

42 16.9 14.8 22.2

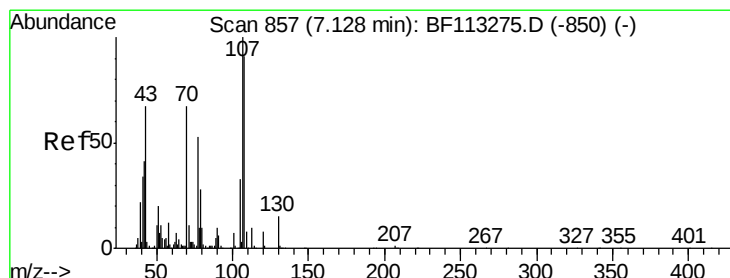
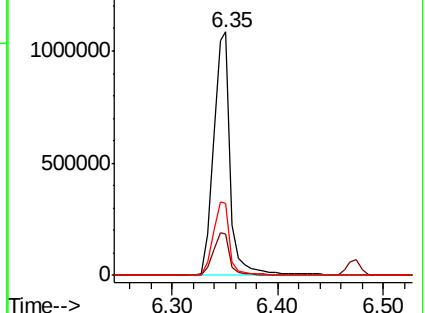
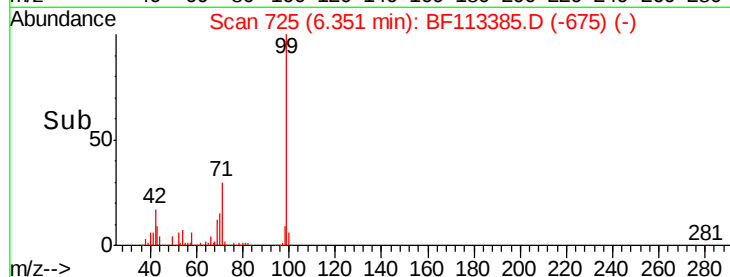
71 29.7 24.9 37.3



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: 11.614 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

Tgt Ion: 70 Resp: 96328

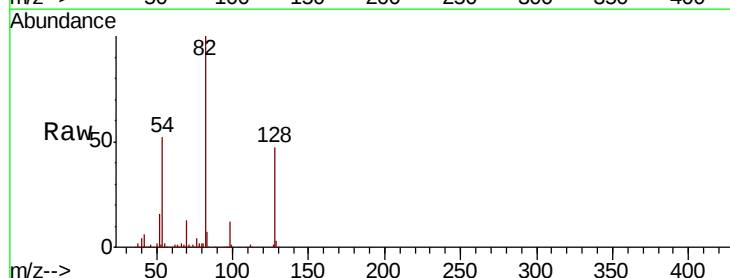
Ion Ratio Lower Upper

70 100

42 48.2 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

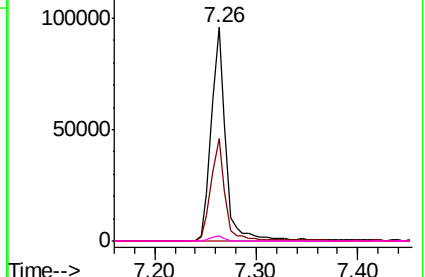
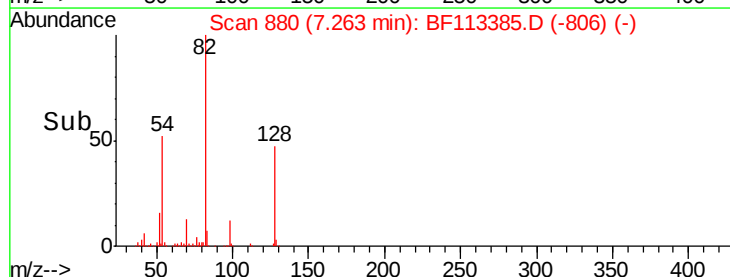


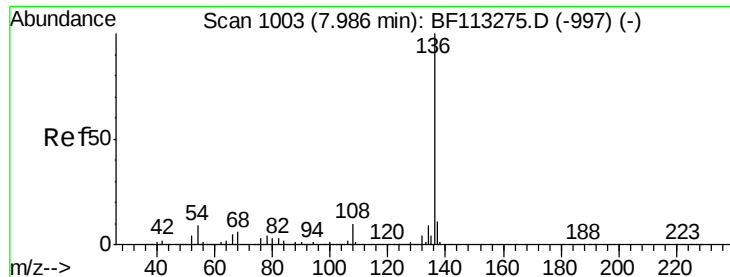
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

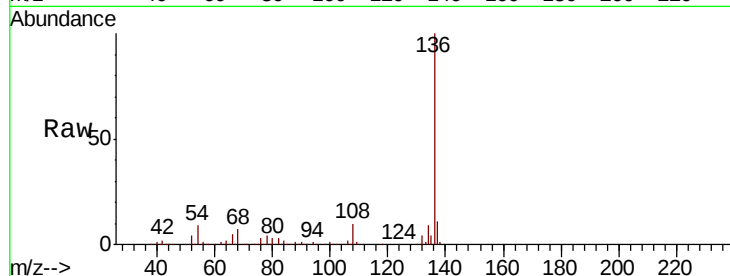




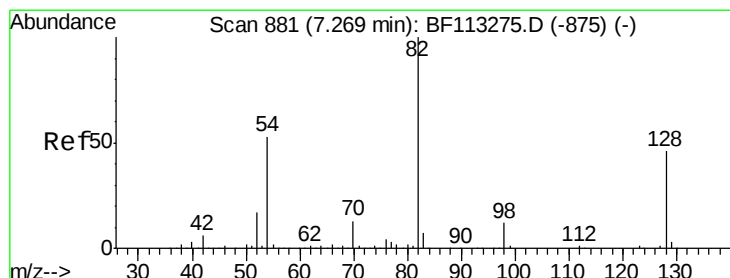
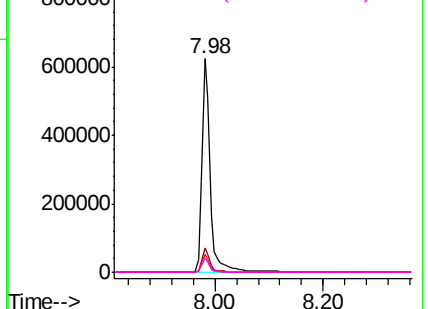
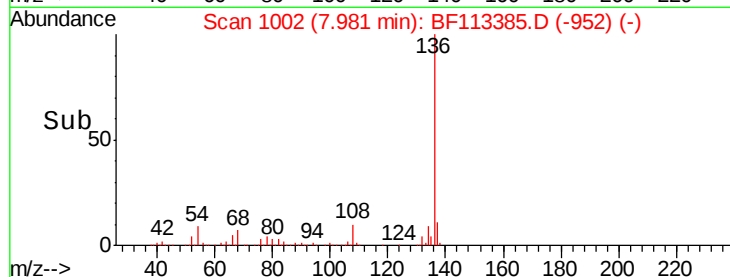
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Instrument :
BNA_F
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S5(5-15)COMP

Tgt Ion:	136	Resp:	659796
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.0	10.6
68	6.5	4.8	7.2

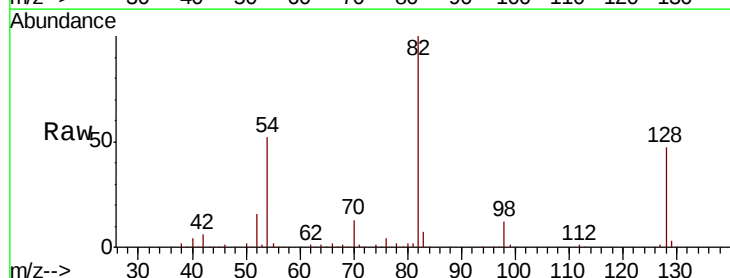


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

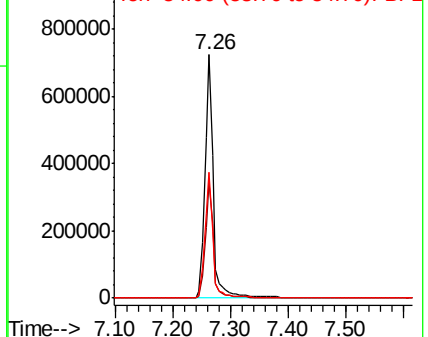
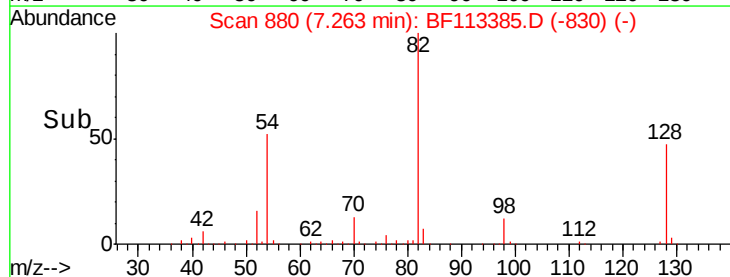


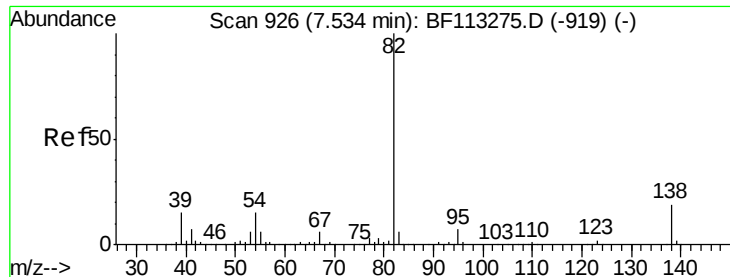
#23
Nitrobenzene-d5
Concen: 67.563 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion:	82	Resp:	751048
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.5	54.7
54	51.9	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

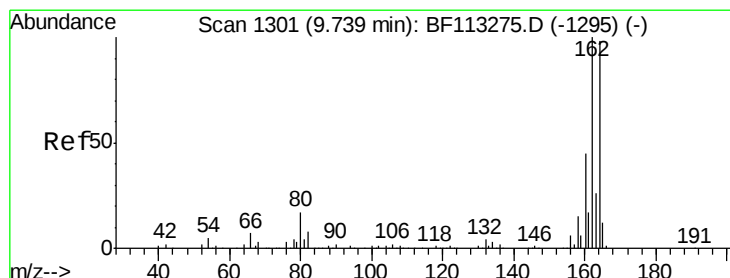
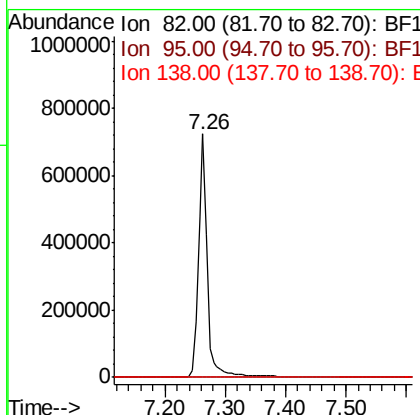
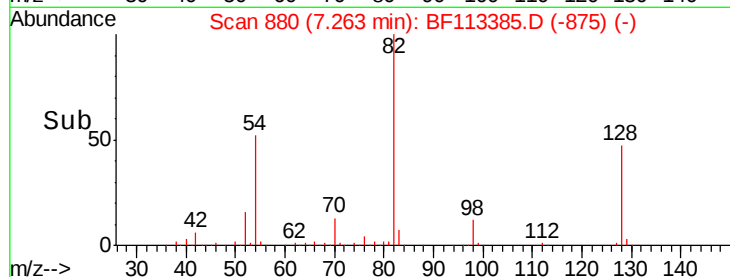
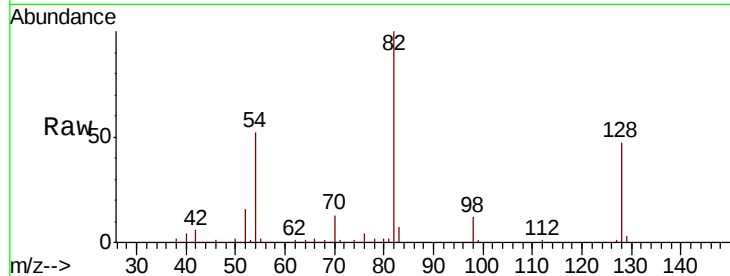




#25
Isophorone
Concen: 34.586 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

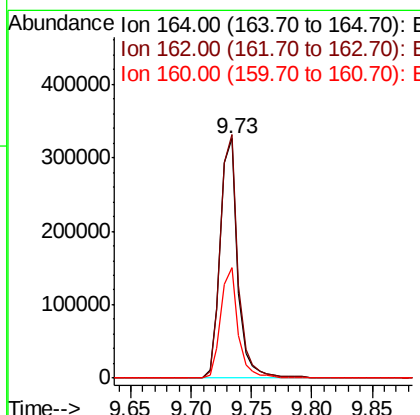
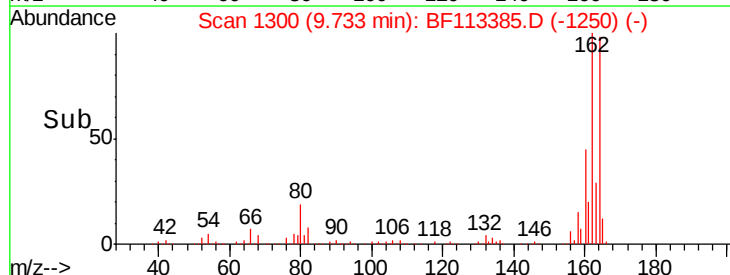
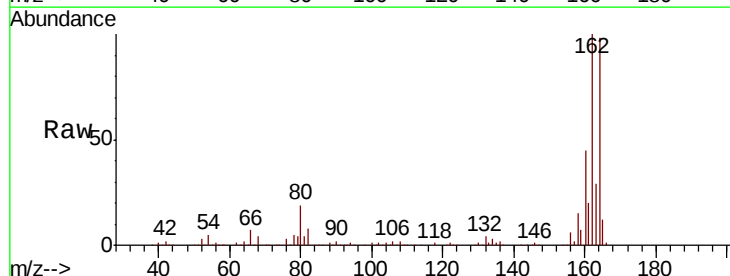
Instrument :
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S5(5-15)COMP

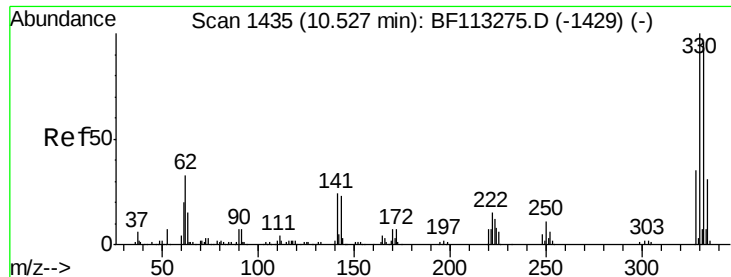
Tgt Ion: 82 Resp: 745080
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion: 164 Resp: 325431
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 45.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 97.485 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

Instrument :

BNA_F

ClientSampleId :

S5(5-15)COMP

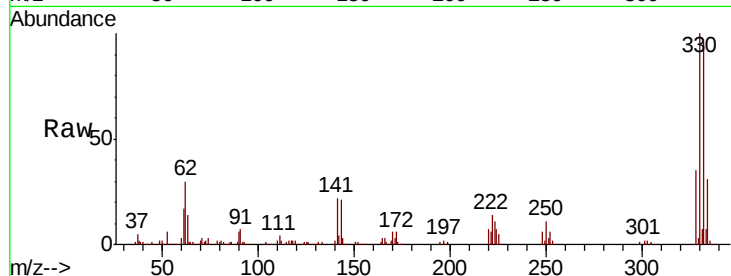
Tgt Ion:330 Resp: 391871

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

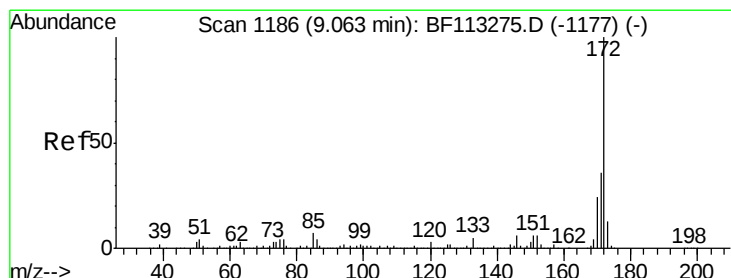
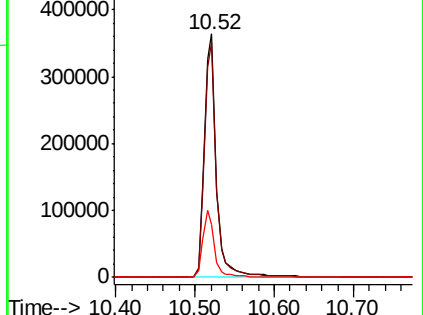
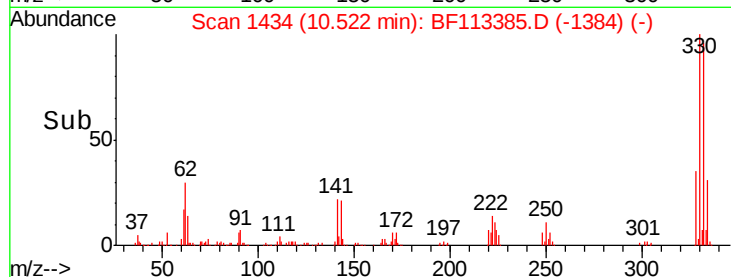
141 27.0 22.7 34.1



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: 65.679 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF113385.D

Acq: 28 Mar 2019 20:32

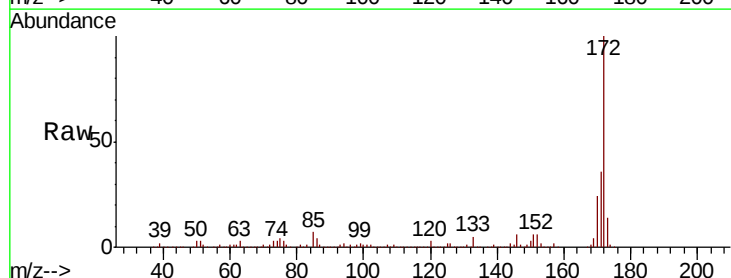
Tgt Ion:172 Resp: 1446939

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

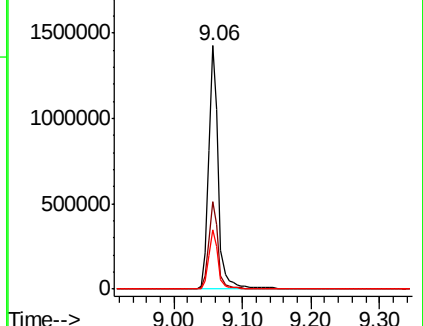
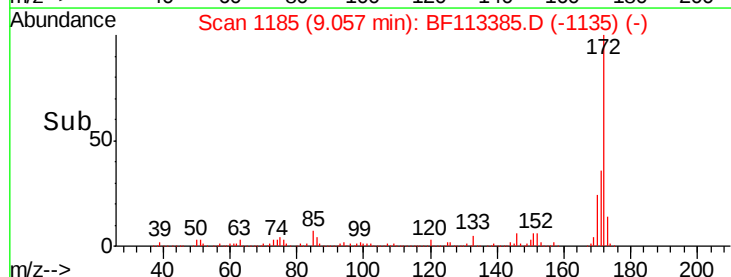
170 24.3 19.5 29.3

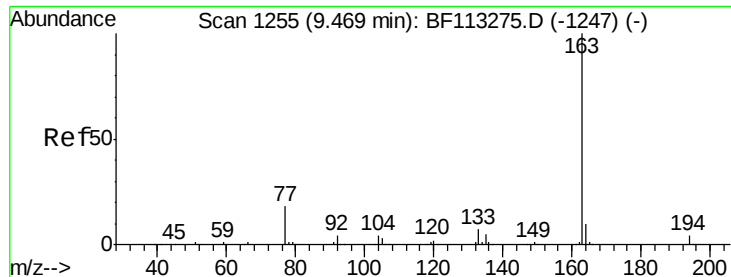


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

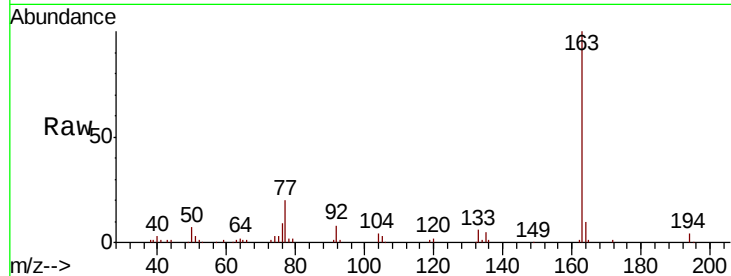




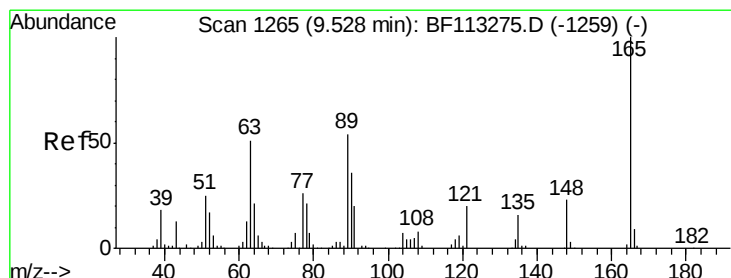
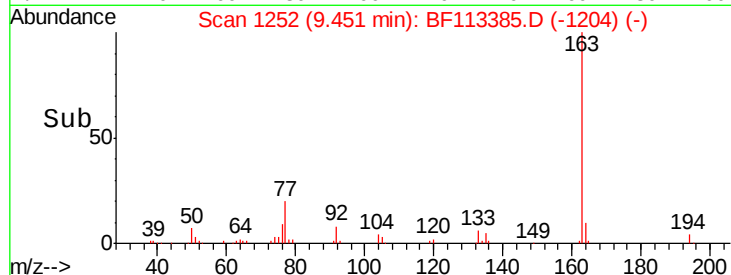
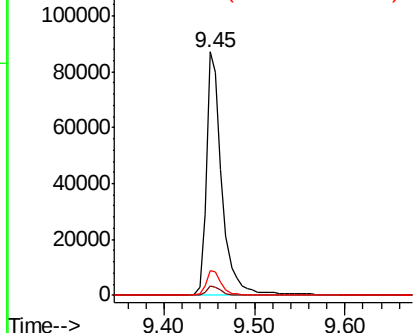
#50
Dimethylphthalate
Concen: 4.354 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Instrument :
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S5(5-15)COMP

Tgt Ion:163 Resp: 104999
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.1 12.1

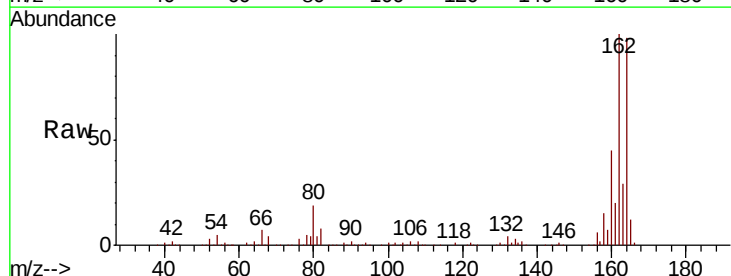


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

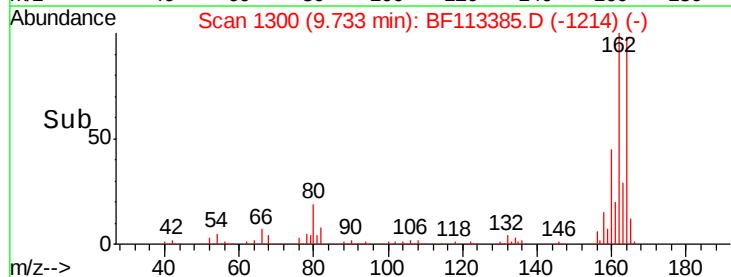
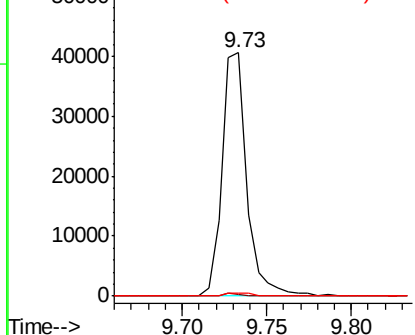


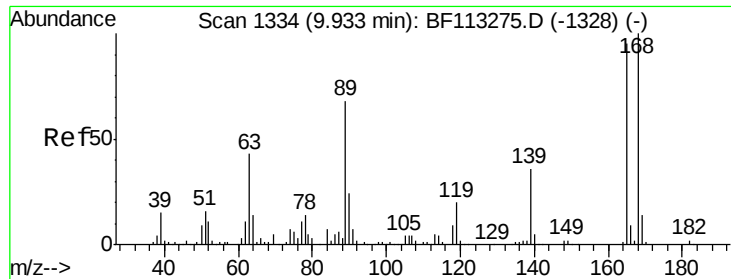
#51
2,6-Dinitrotoluene
Concen: 7.618 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion:165 Resp: 41446
Ion Ratio Lower Upper
165 100
63 0.9 43.4 65.0#
89 1.3 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

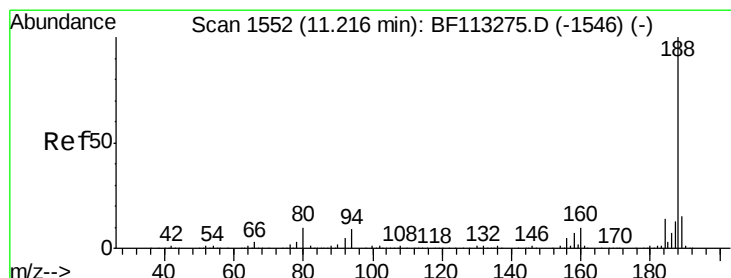
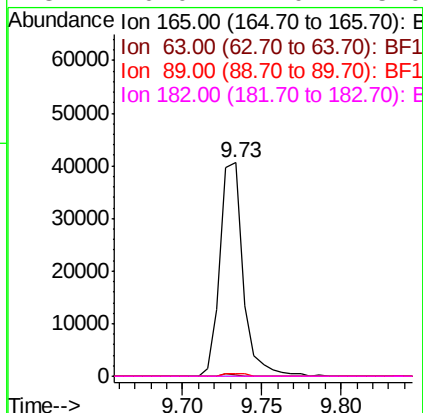
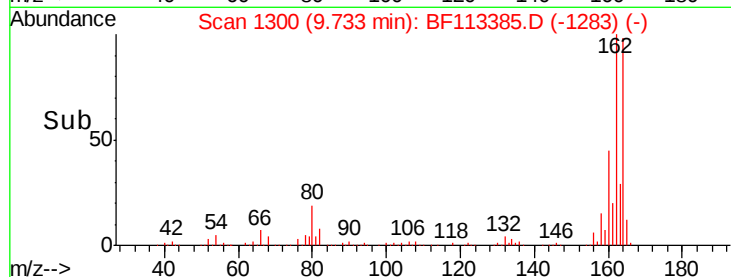
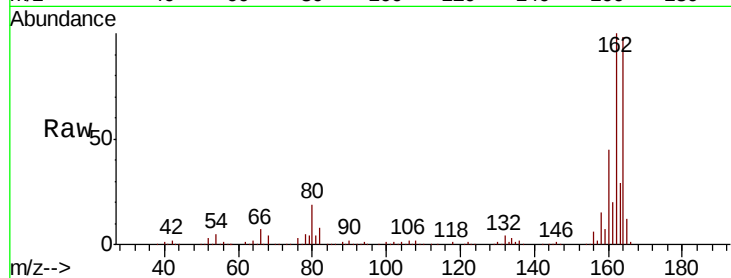




#57
 2,4-Dinitrotoluene
 Concen: 5.990 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

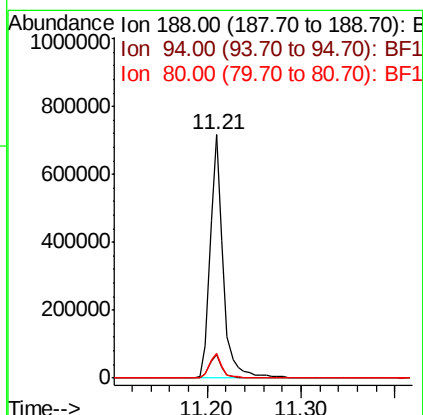
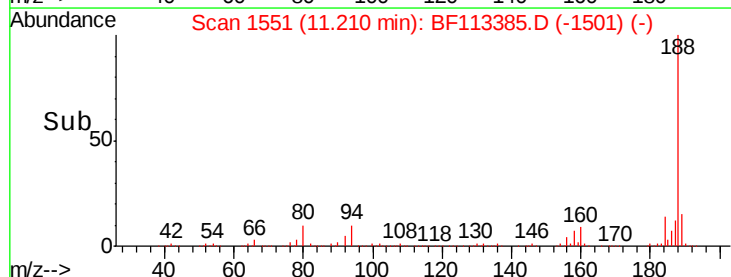
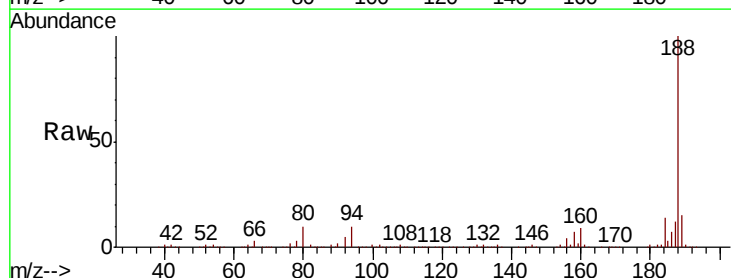
Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

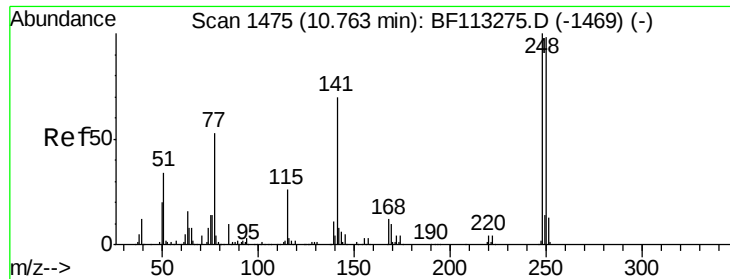
Tgt Ion:165 Resp: 41447
 Ion Ratio Lower Upper
 165 100
 63 0.9 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Tgt Ion:188 Resp: 702136
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.6
 80 10.0 7.7 11.5

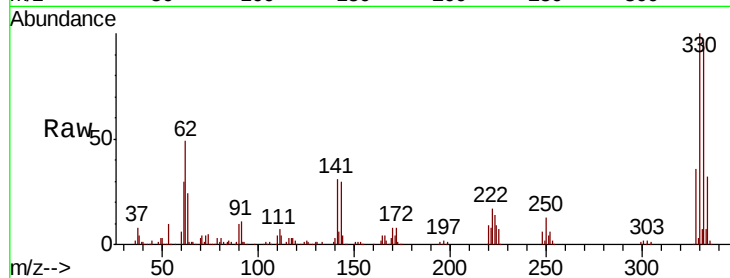




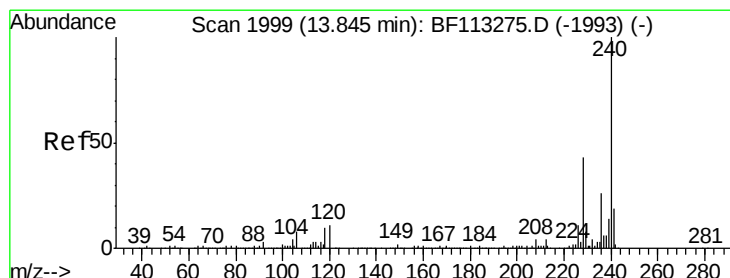
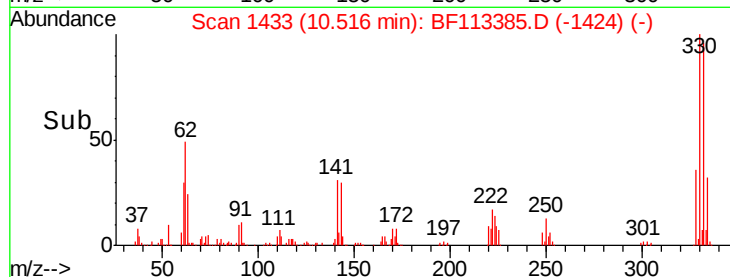
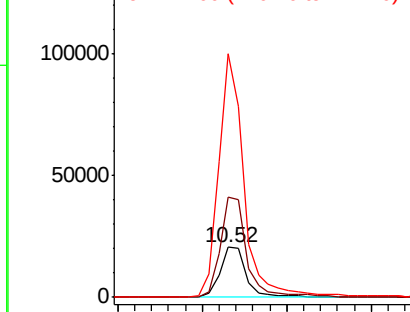
#67
4-Bromophenyl-phenylether
Concen: 2.892 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Instrument :
BNA_F
ClientSampleId :
S5(5-15)COMP

Tgt Ion:248 Resp: 22131
Ion Ratio Lower Upper
248 100
250 201.8 78.3 117.5#
141 488.9 56.2 84.4#

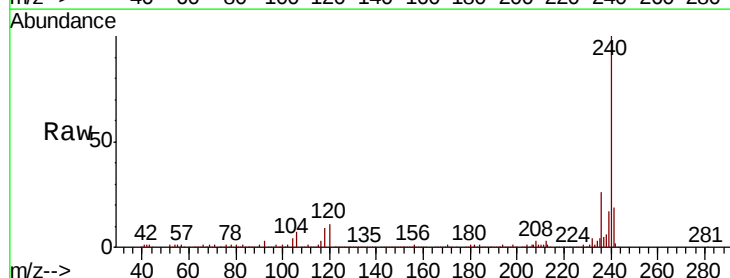


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

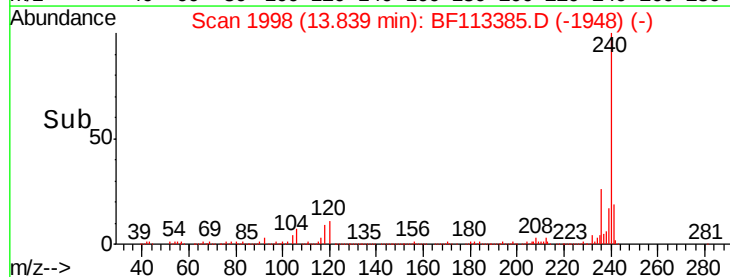
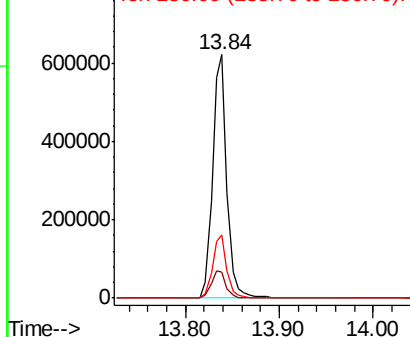


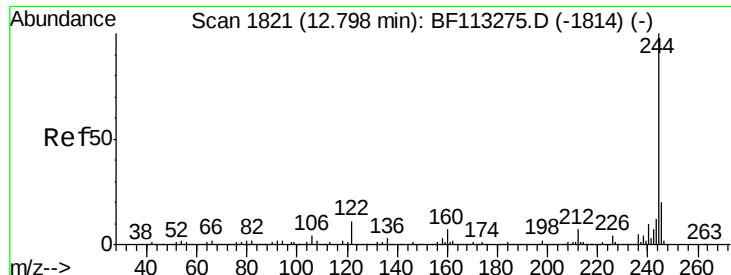
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113385.D
Acq: 28 Mar 2019 20:32

Tgt Ion:240 Resp: 665219
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.9 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

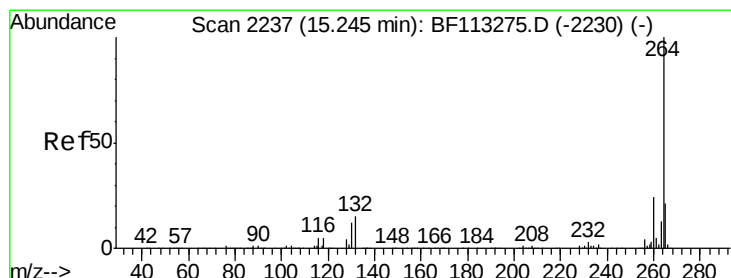
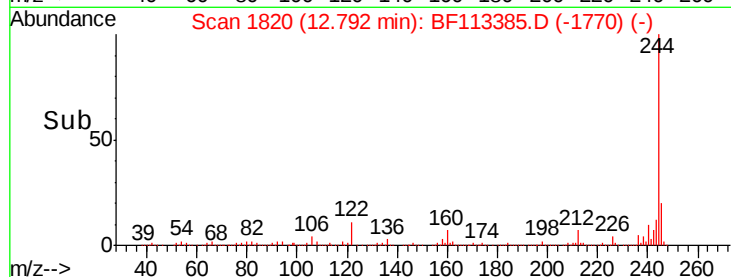
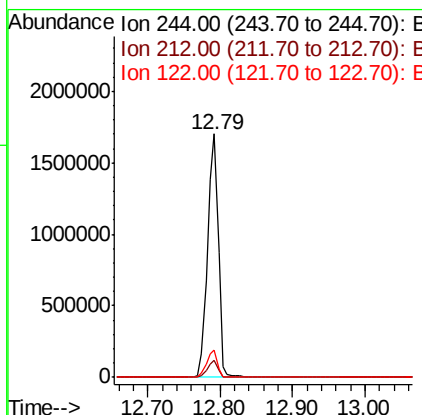
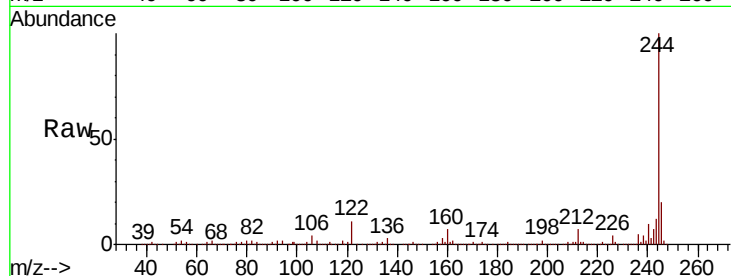




#79
 Terphenyl-d14
 Concen: 58.120 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113385.D
 Acq: 28 Mar 2019 20:32

Instrument :
 BNA_F
 ClientSampleId :
 S5(5-15)COMP

Tgt Ion:244 Resp: 1754053
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.0 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: BF113385.D
 Acq: 28 Mar 2019 20:32

Tgt Ion:264 Resp: 545828
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.5 17.1 25.7

