

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113383.D
 Acq On : 28 Mar 2019 19:34
 Operator : JU/SJ
 Sample : K2107-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Mar 29 02:13:08 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

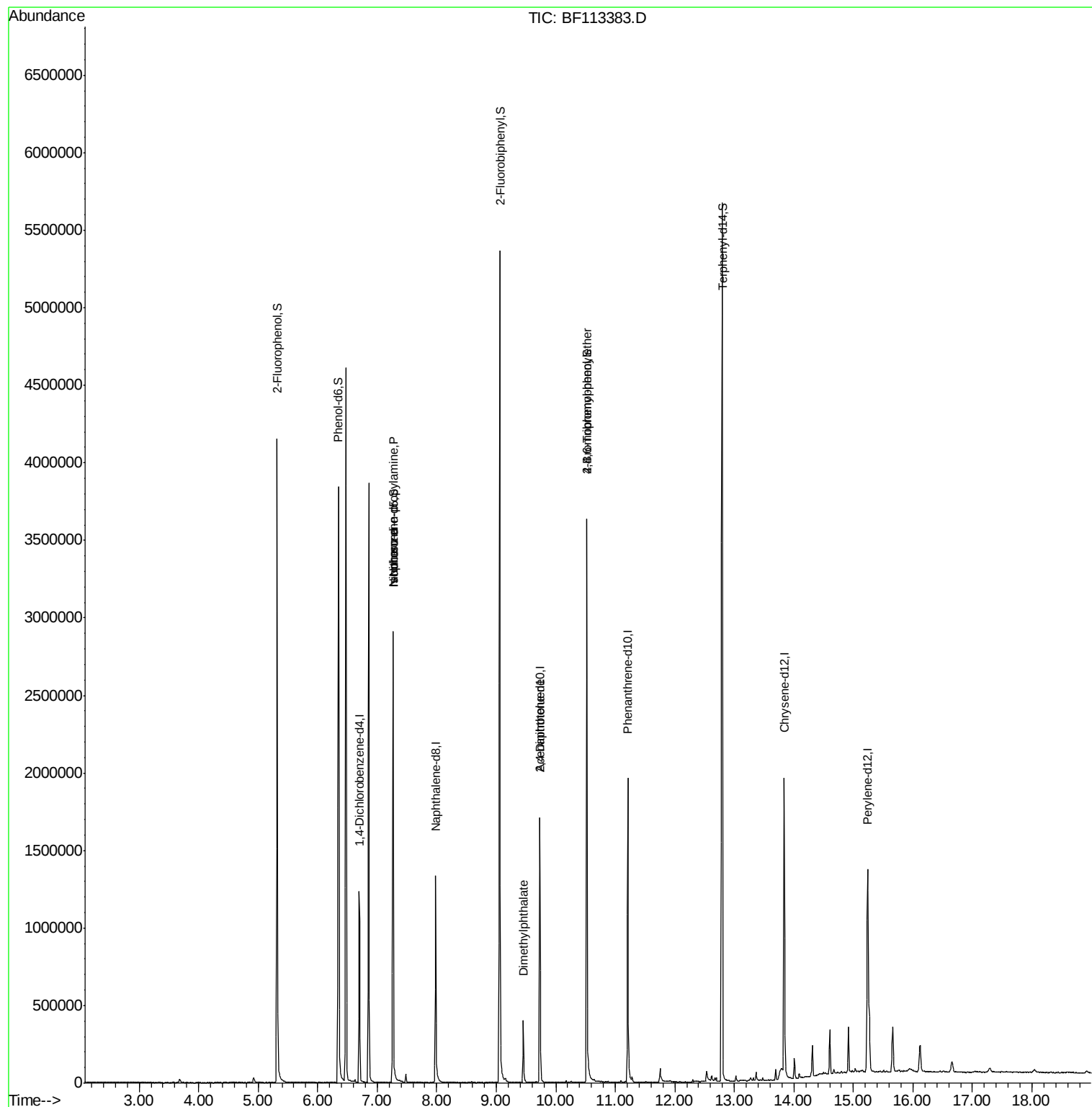
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	195434	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	735010	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	369687	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	799739	20.00	ng	0.00
76) Chrysene-d12	13.84	240	769125	20.00	ng	0.00
87) Perylene-d12	15.24	264	701613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1378657	115.35	ng	0.00
7) Phenol-d6	6.35	99	1823805	120.62	ng	0.00
23) Nitrobenzene-d5	7.27	82	1131640	91.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	588559	128.89	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2005034	85.01	ng	0.00
79) Terphenyl-d14	12.80	244	2480512	71.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	145360	15.305	ng	# 75
20) 3+4-Methylphenols	6.86	107	107	Below Cal		# 1
25) Isophorone	7.27	82	1116323	46.516	ng	# 64
50) Dimethylphthalate	9.45	163	202804	7.402	ng	100
57) 2,4-Dinitrotoluene	9.73	165	46966	5.975	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	32417	3.719	ng	# 1

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

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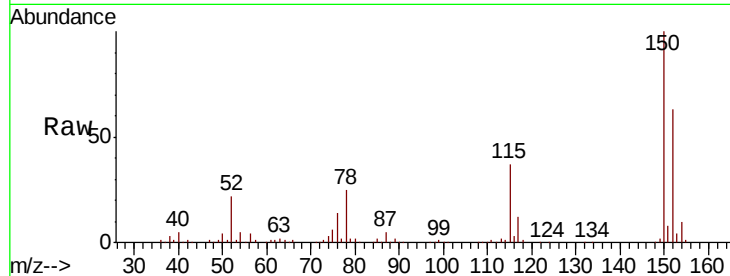


#1

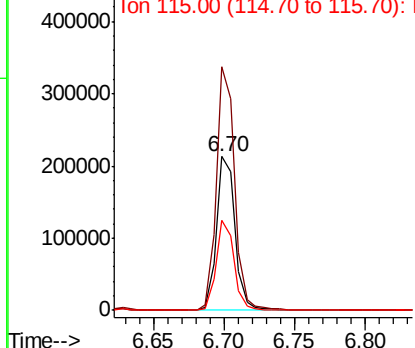
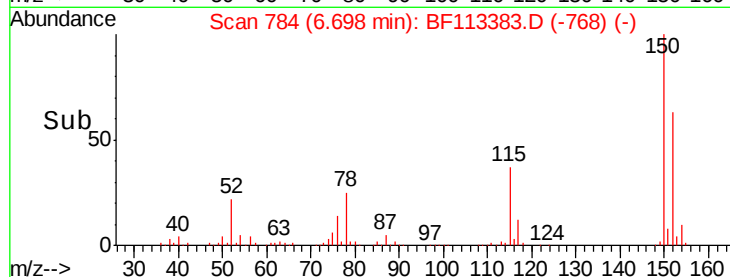
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:152 Resp: 195434
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.7 187.1
 115 58.6 46.0 69.0



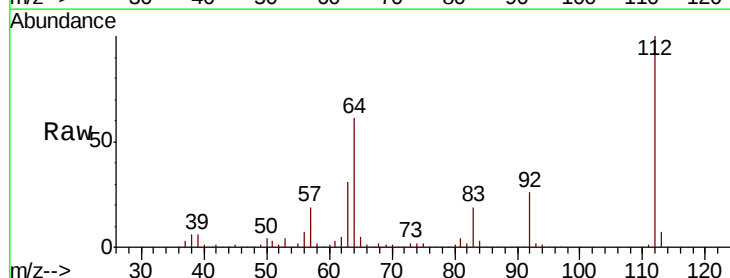
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



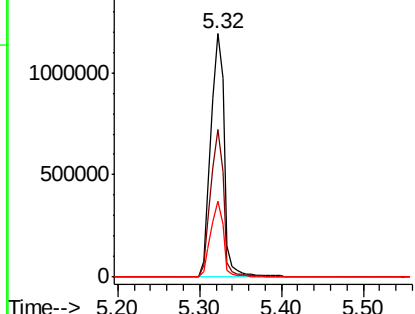
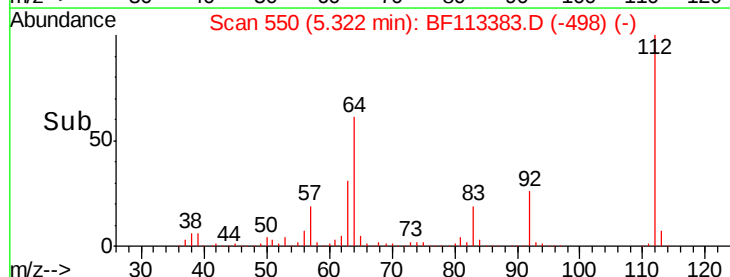
#5

2-Fluorophenol
 Concen: 115.347 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Tgt Ion:112 Resp: 1378657
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.2 73.8
 63 31.1 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: 120.620 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113383.D

Acq: 28 Mar 2019 19:34

Instrument :

BNA_F

ClientSampleId :

TP-9

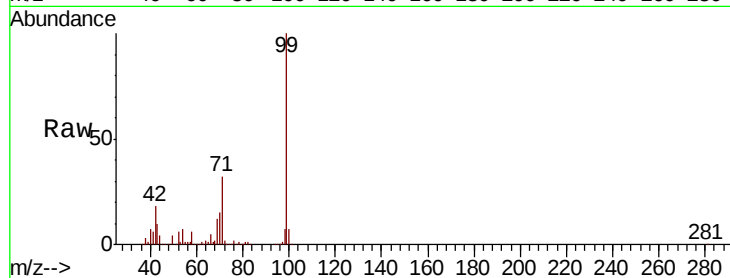
Tgt Ion: 99 Resp: 1823805

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

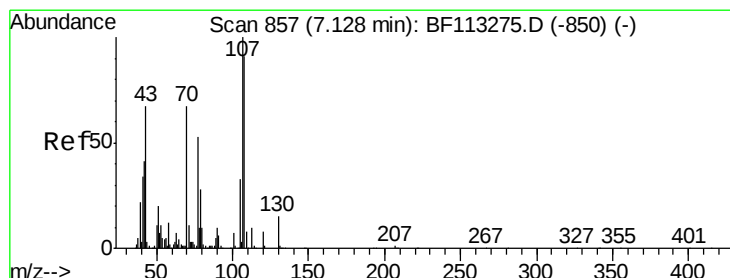
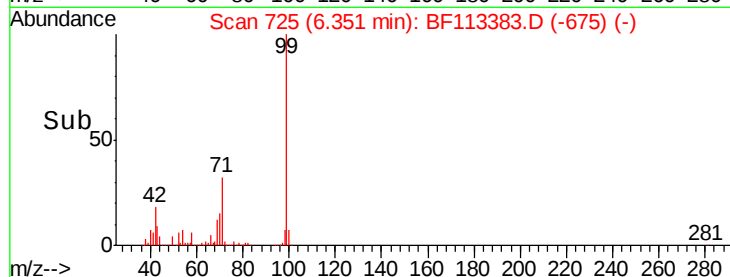
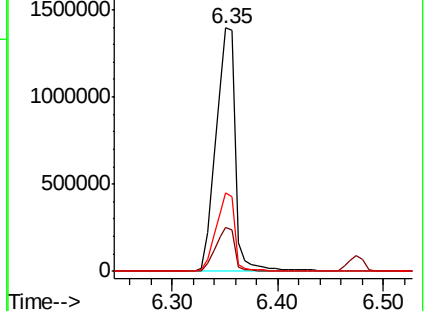
71 32.2 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.305 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113383.D

Acq: 28 Mar 2019 19:34

Tgt Ion: 70 Resp: 145360

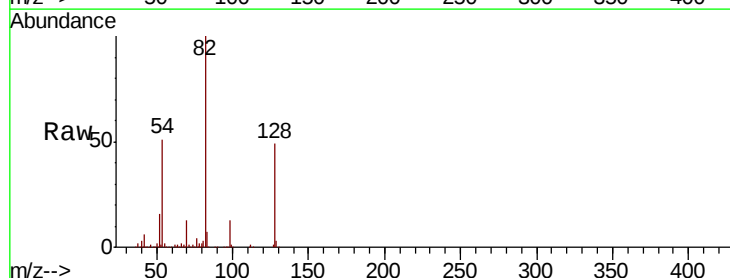
Ion Ratio Lower Upper

70 100

42 47.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

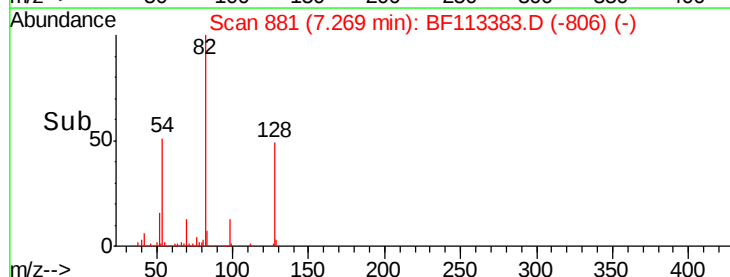
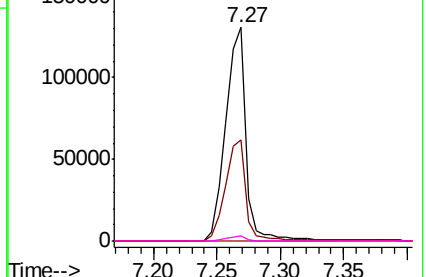


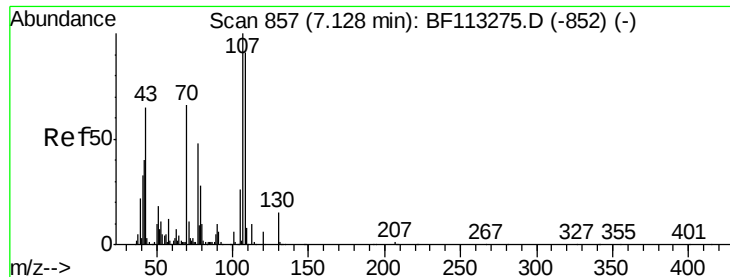
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

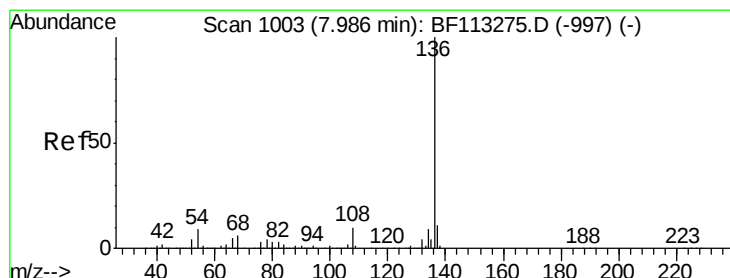
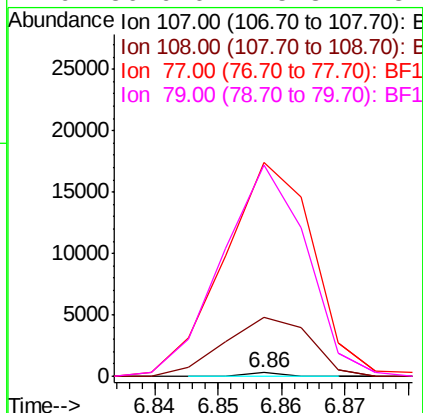
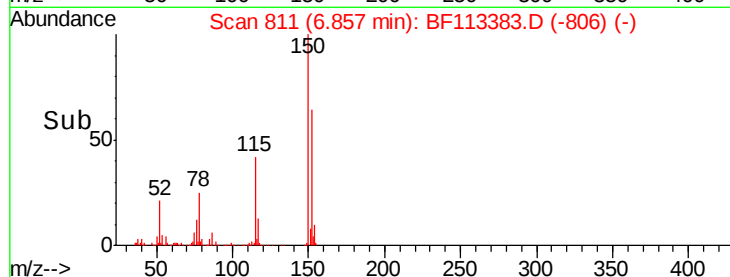
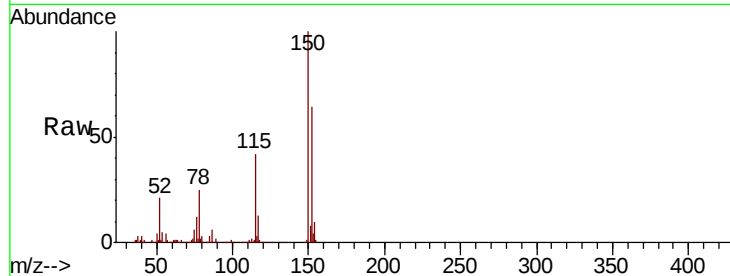




#20
3+4-Methylphenols
Concen: Below Cal
RT: 6.86 min Scan# 811
Delta R.T. -0.27 min
Lab File: BF113383.D
Acq: 28 Mar 2019 19:34

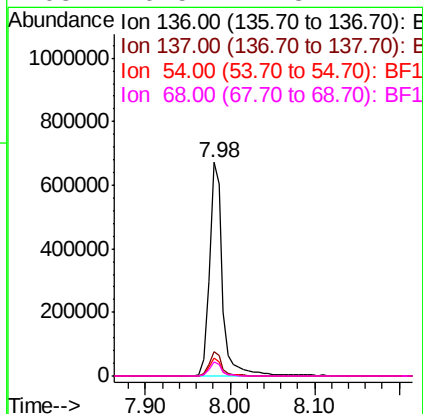
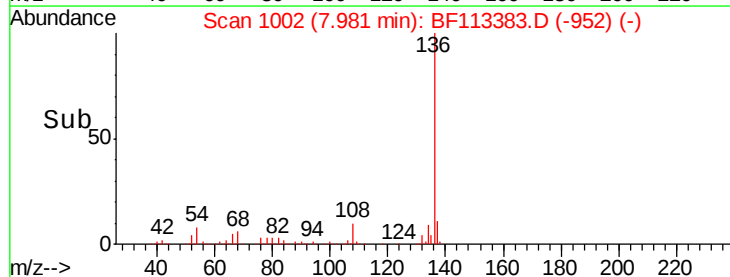
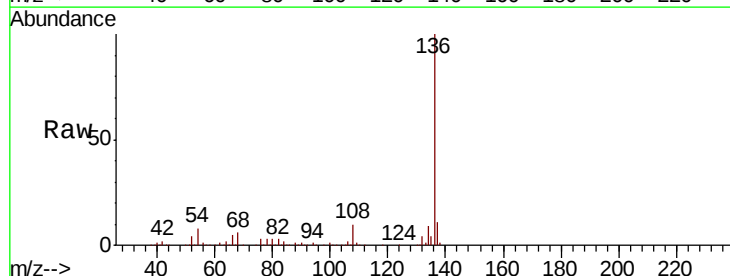
Instrument :
BNA_F
ClientSampleId :
TP-9

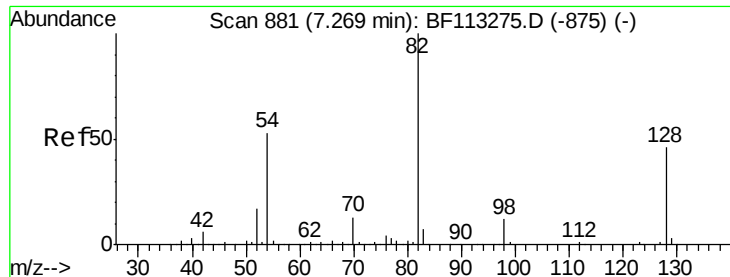
Tgt Ion:107 Resp: 107
Ion Ratio Lower Upper
107 100
108 1578.2 71.4 111.4#
77 5742.6 33.5 73.5#
79 5676.6 8.3 48.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113383.D
Acq: 28 Mar 2019 19:34

Tgt Ion:136 Resp: 735010
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.4 7.0 10.6
68 6.5 4.8 7.2

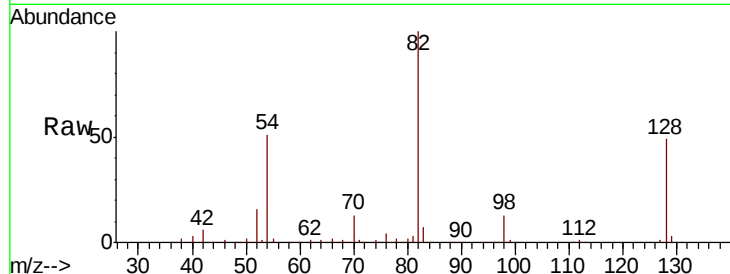




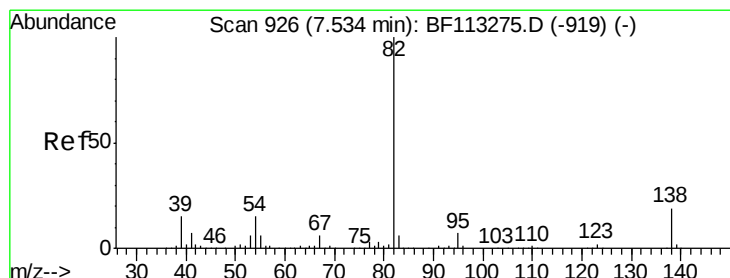
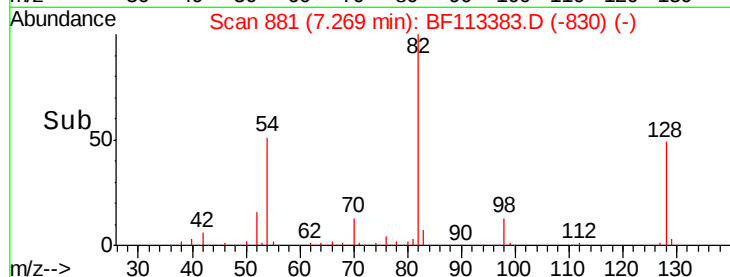
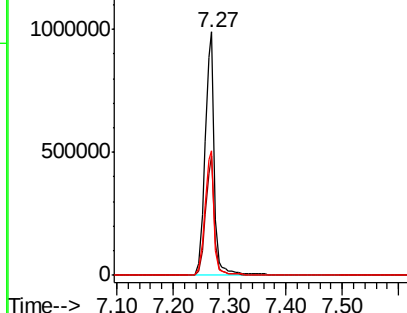
#23
Nitrobenzene-d5
Concen: 91.383 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113383.D
Acq: 28 Mar 2019 19:34

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 1131640
Ion Ratio Lower Upper
82 100
128 48.9 36.5 54.7
54 51.1 42.2 63.2

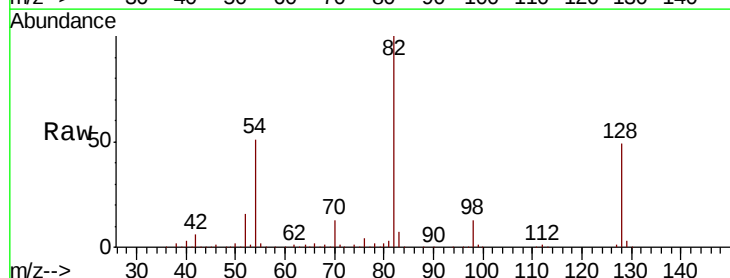


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

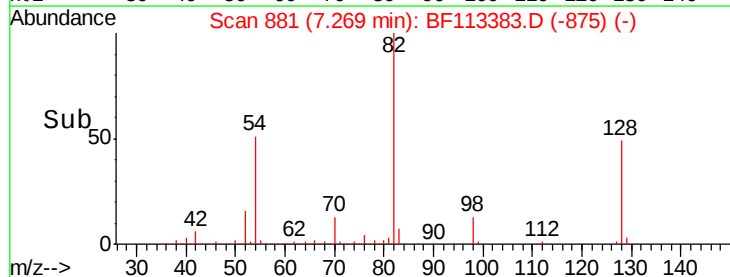
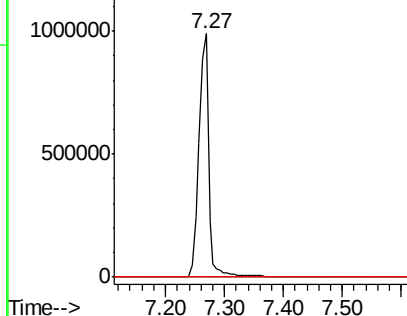


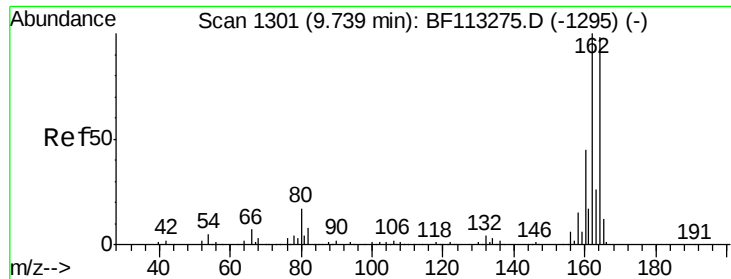
#25
Isophorone
Concen: 46.516 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113383.D
Acq: 28 Mar 2019 19:34

Tgt Ion: 82 Resp: 1116323
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

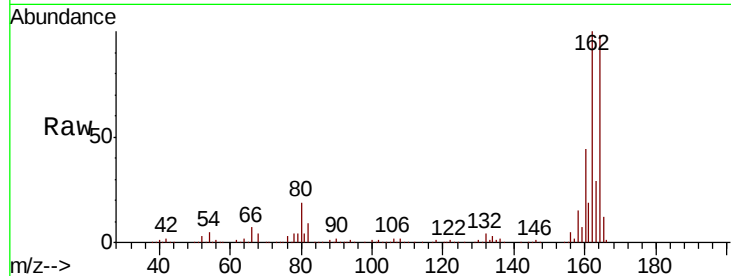




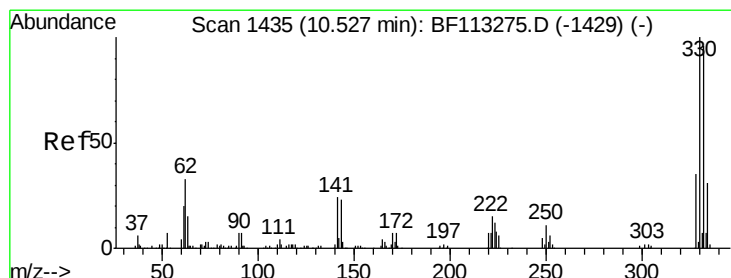
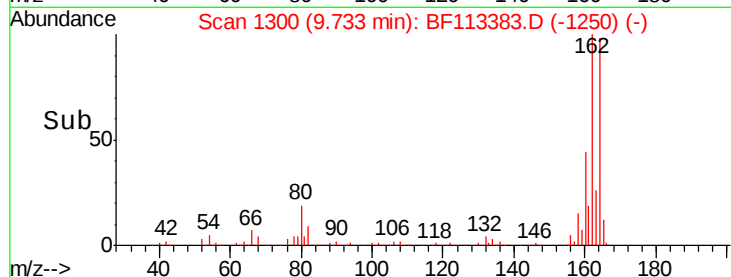
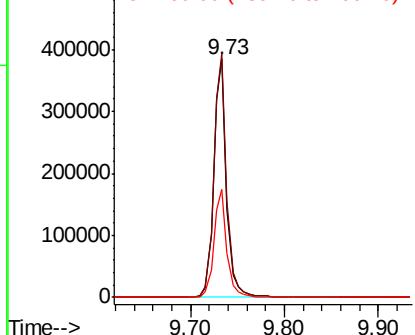
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113383.D
Acq: 28 Mar 2019 19:34

Instrument :
BNA_F
ClientSampled :
TP-9

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	45.2	36.4	54.6

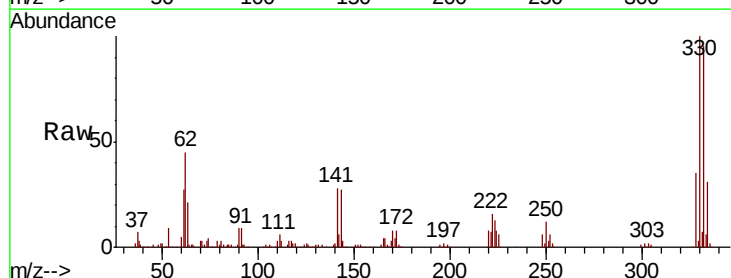


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

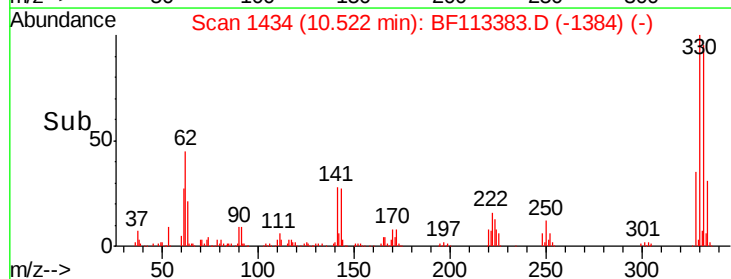
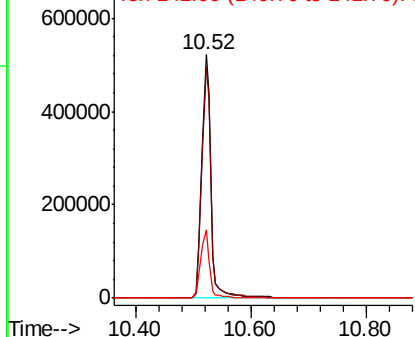


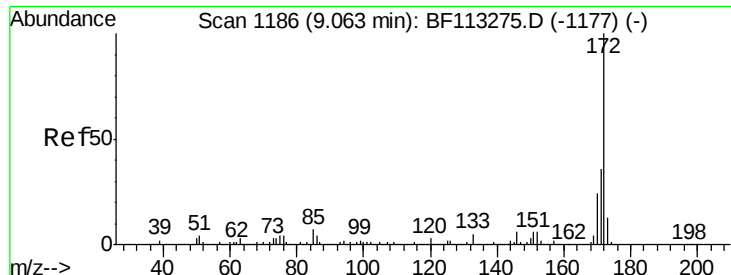
#42
2,4,6-Tribromophenol
Concen: 128.887 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113383.D
Acq: 28 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	26.9	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

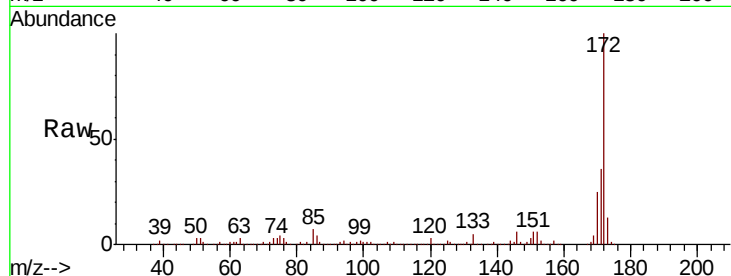




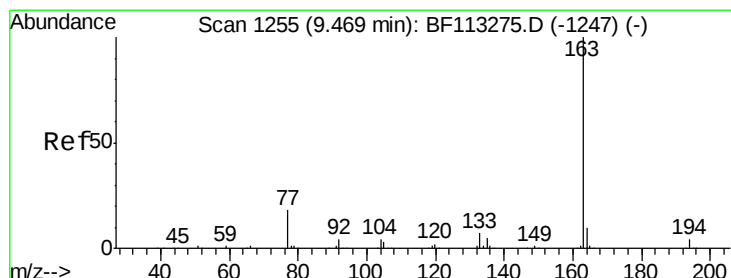
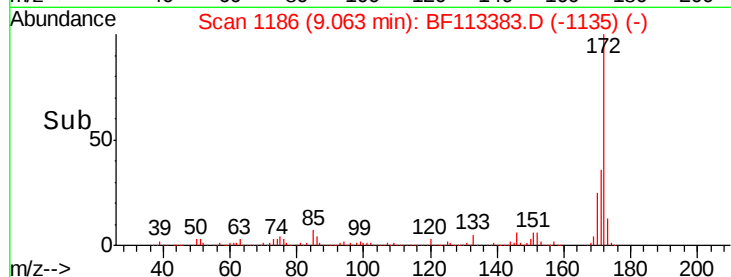
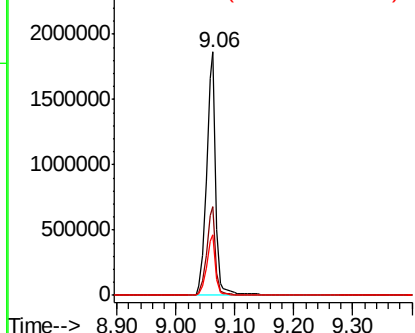
#45
 2-Fluorobiphenyl
 Concen: 85.009 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:172 Resp: 2005034
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.5 29.3

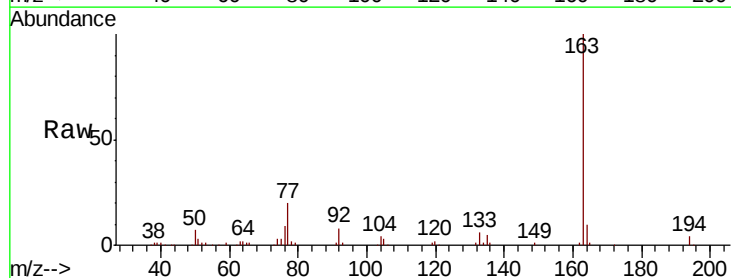


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

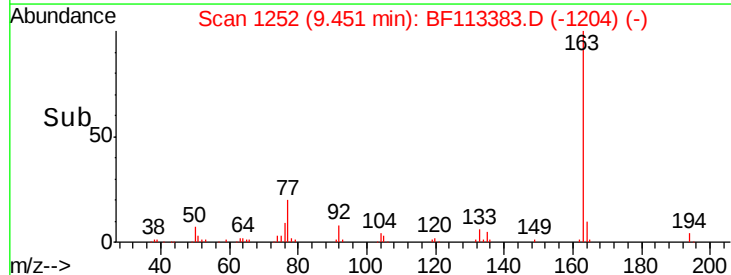
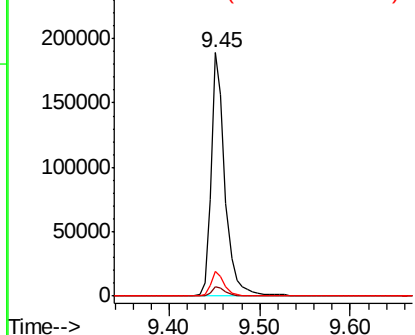


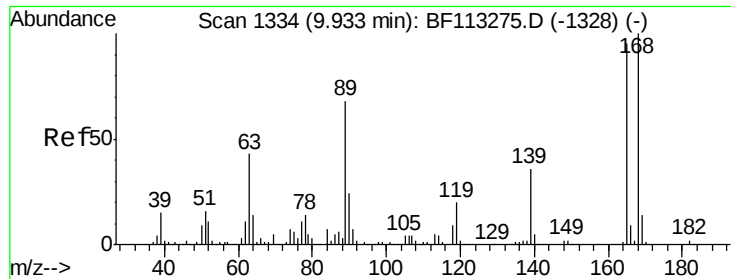
#50
 Dimethylphthalate
 Concen: 7.402 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Tgt Ion:163 Resp: 202804
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 10.1 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

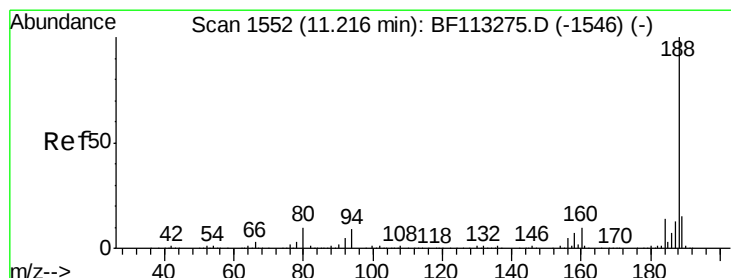
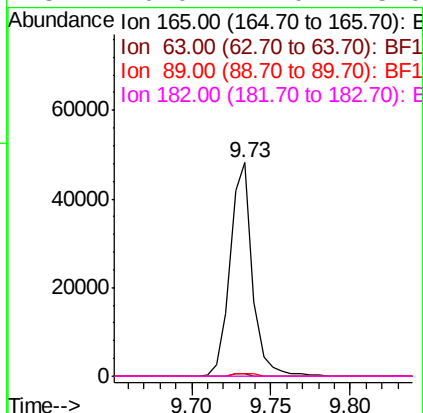
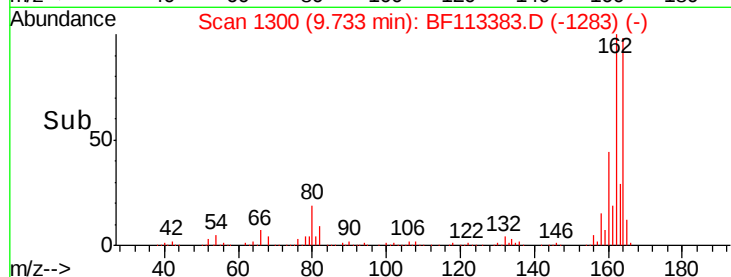
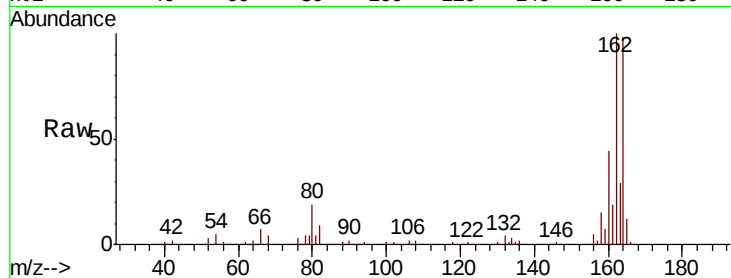




#57
 2,4-Dinitrotoluene
 Concen: 5.975 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

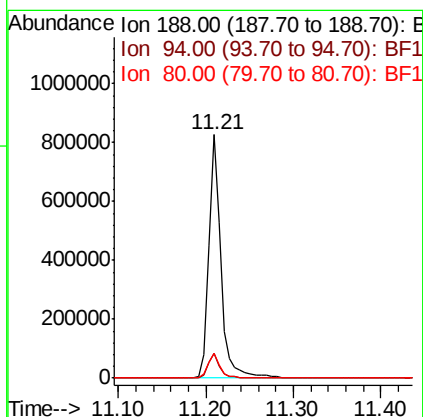
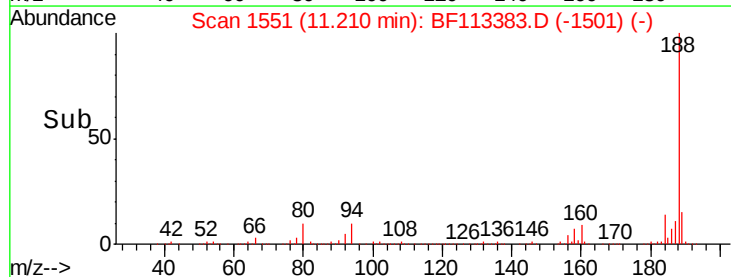
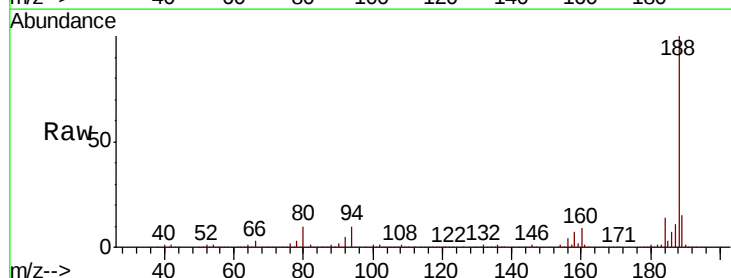
Instrument :
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 ClientSampleId :
 TP-9

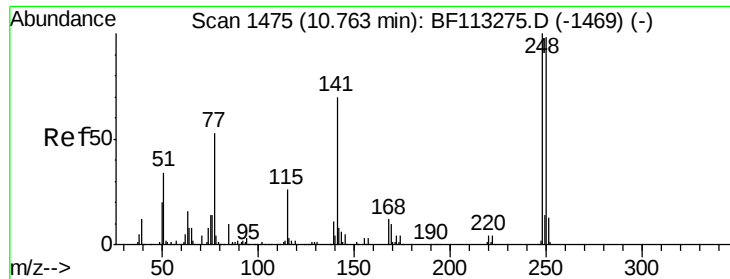
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	9.9	7.7	11.5

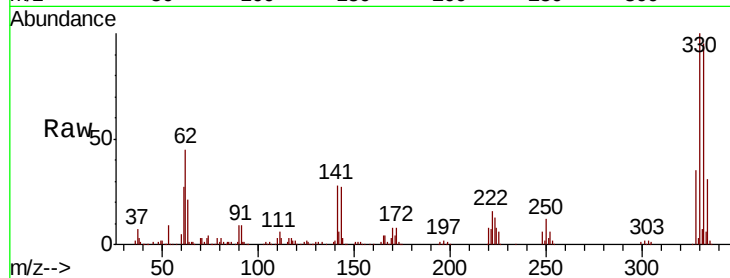




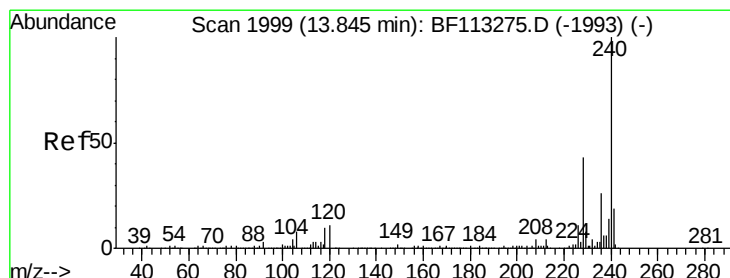
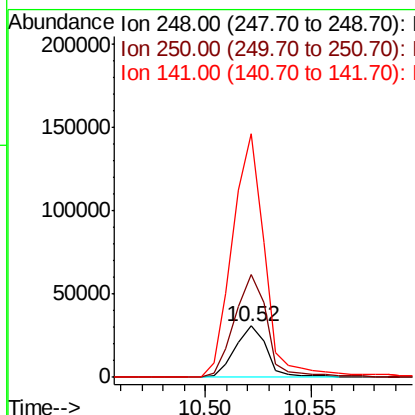
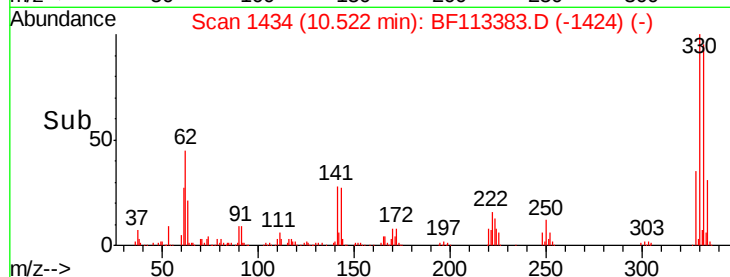
#67
 4-Bromophenyl-phenylether
 Concen: 3.719 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:248 Resp: 32417
 Ion Ratio Lower Upper
 248 100
 250 200.3 78.3 117.5#
 141 473.4 56.2 84.4#

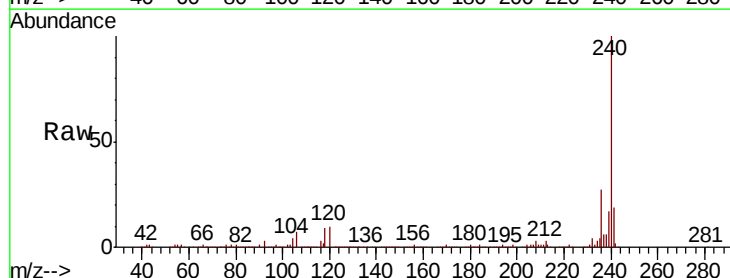


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

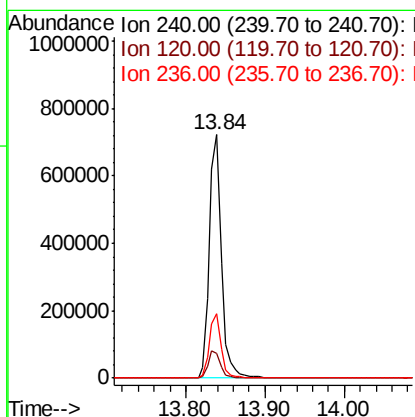
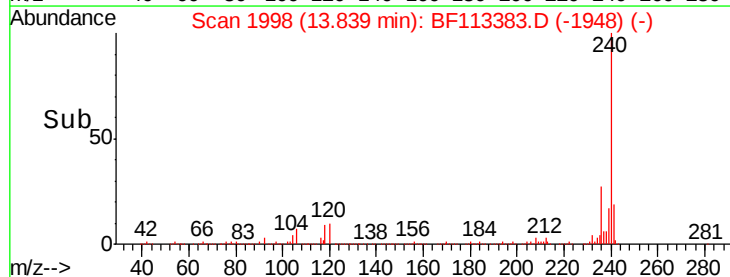


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Tgt Ion:240 Resp: 769125
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.8 13.2
 236 26.5 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

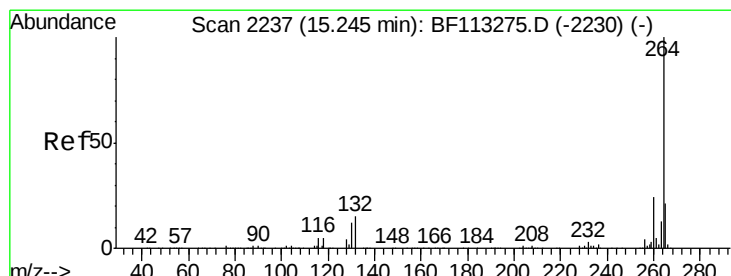
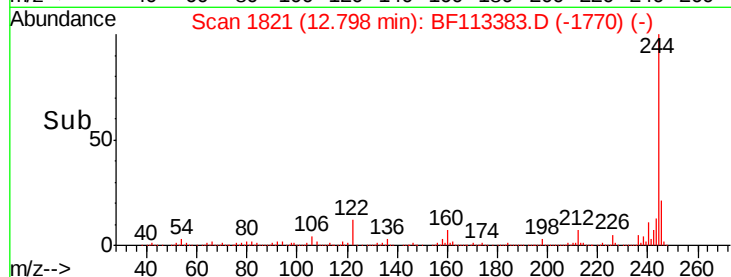
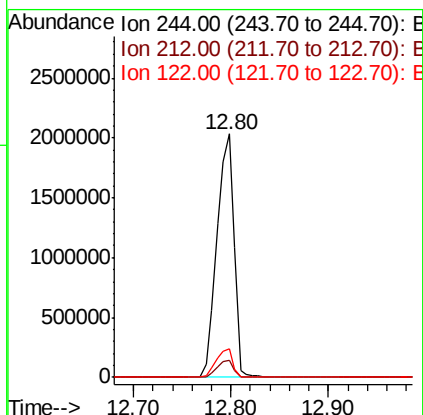
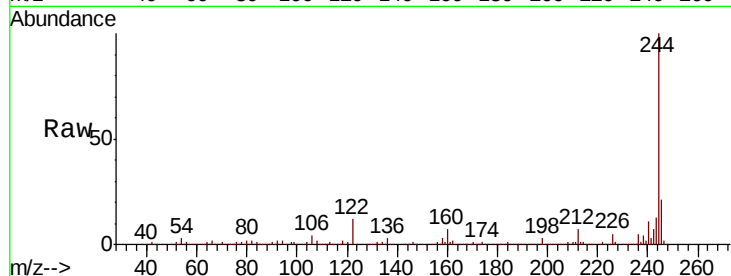




#79
 Terphenyl-d14
 Concen: 71.087 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF113383.D
 Acq: 28 Mar 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 2480512
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.7 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: BF113383.D
 Acq: 28 Mar 2019 19:34

Tgt Ion:264 Resp: 701613
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.4 17.1 25.7

