

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113361.D
 Acq On : 28 Mar 2019 6:53
 Operator : JU/SJ
 Sample : K2097-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-19

Quant Time: Mar 28 08:50:29 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

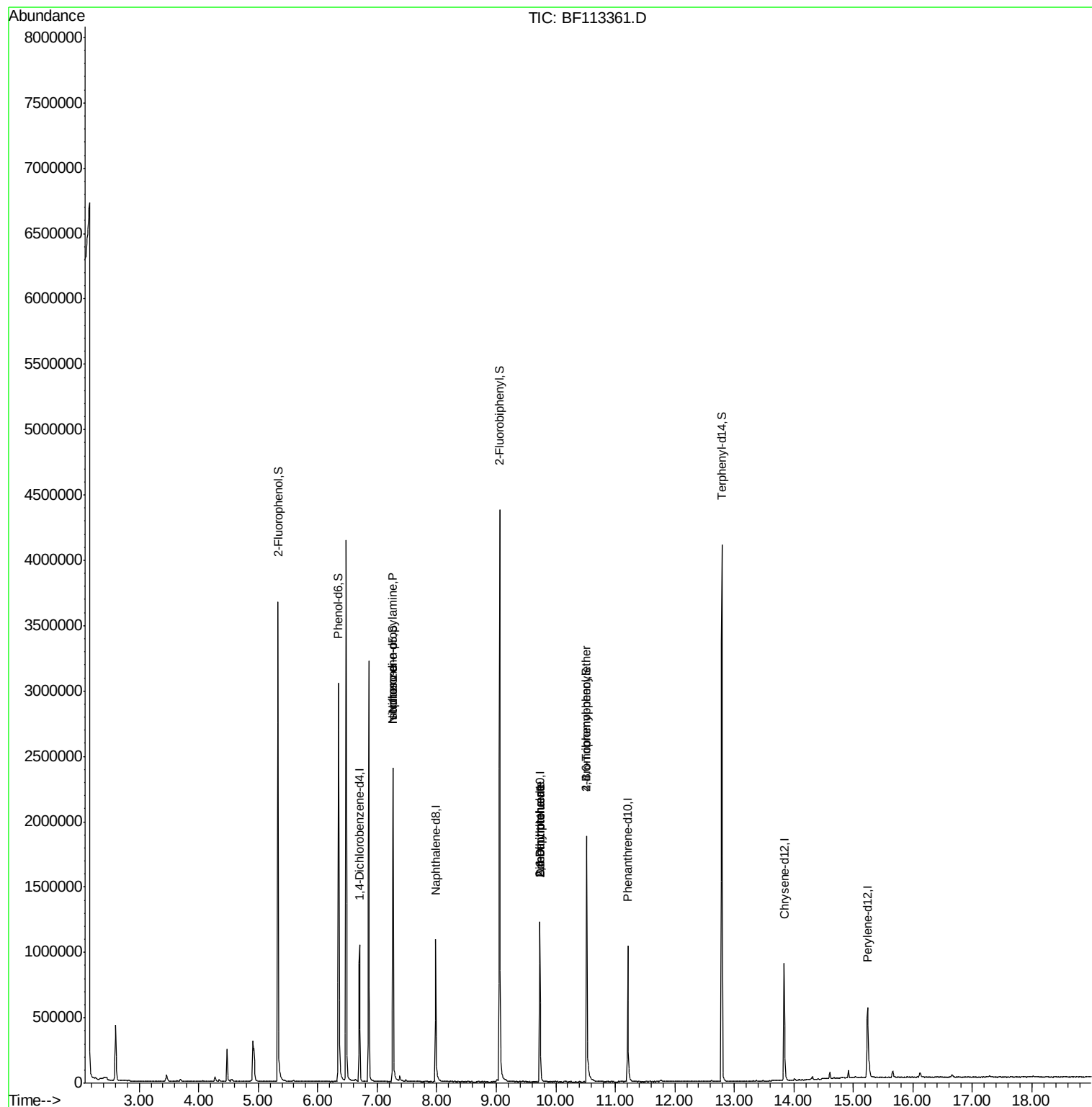
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167397	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	604069	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	268017	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	470854	20.00	ng	0.00
76) Chrysene-d12	13.84	240	405260	20.00	ng	0.00
87) Perylene-d12	15.24	264	303967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1133909	110.76	ng	0.02
7) Phenol-d6	6.35	99	1316584	101.66	ng	0.00
23) Nitrobenzene-d5	7.26	82	953433	93.68	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	338274	102.18	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1672133	101.13	ng	0.00
79) Terphenyl-d14	12.79	244	1554453	84.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	125156	15.385	ng	# 75
25) Isophorone	7.26	82	949157	48.123	ng	# 64
50) Dimethylphthalate	9.73	163	64767	3.261	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	32959	7.356	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	32959	5.784	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	18940	3.691	ng	# 1

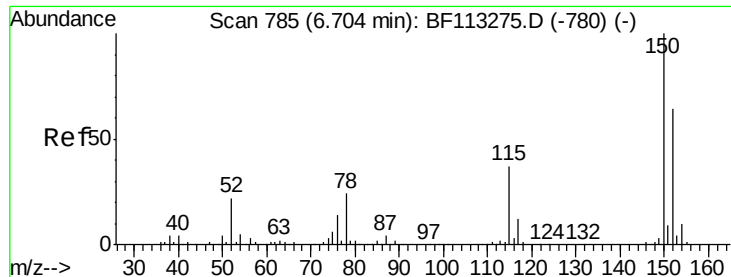
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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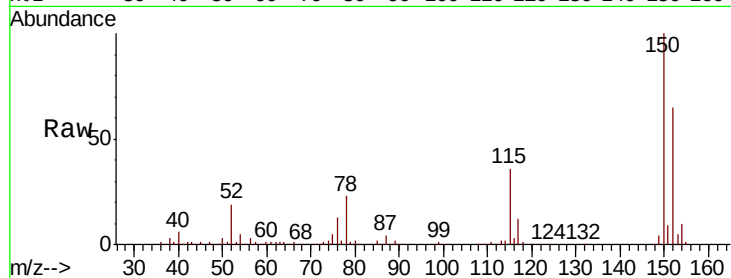




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-19

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	55.4	46.0	69.0

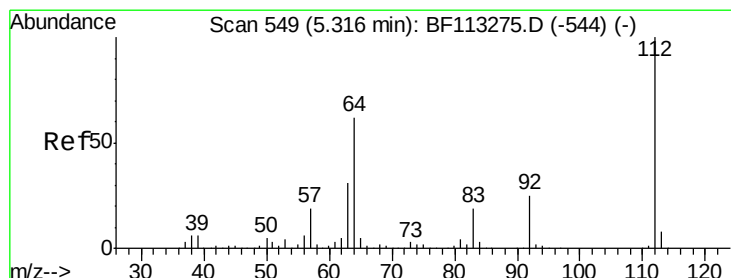
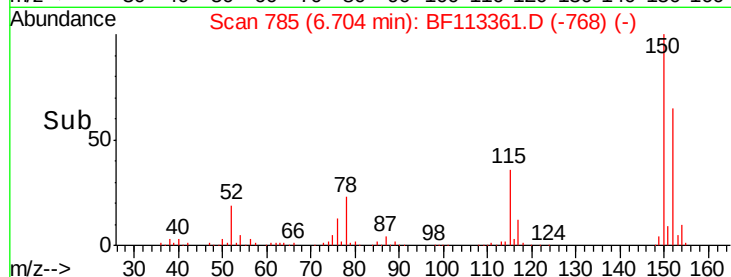
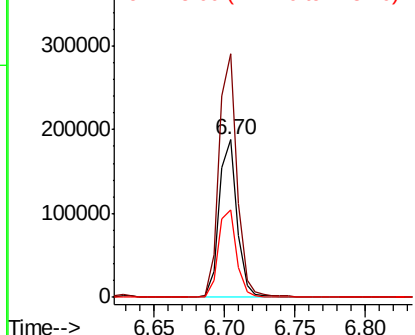


Abundance

Ion 152.00 (151.70 to 152.70): E

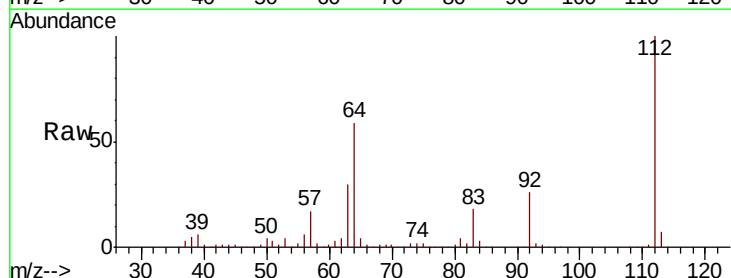
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 110.759 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.2	73.8
63	29.7	24.9	37.3

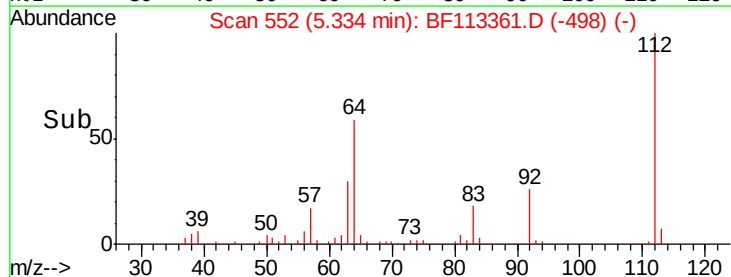
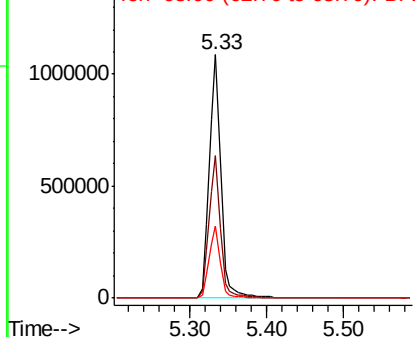


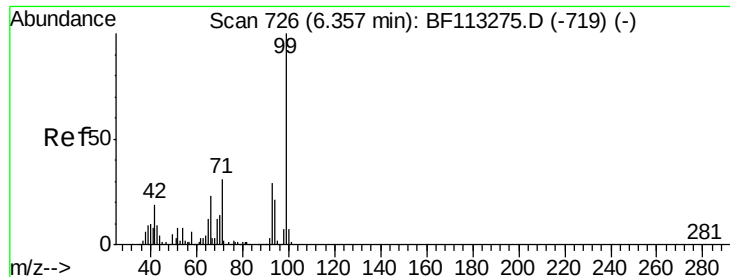
Abundance

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: 101.658 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

Instrument :

BNA_F

ClientSampled :

CS-19

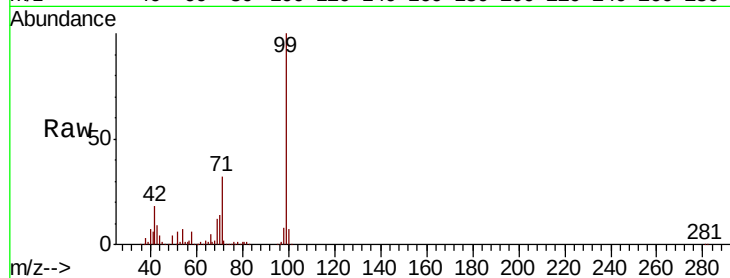
Tgt Ion: 99 Resp: 1316584

Ion Ratio Lower Upper

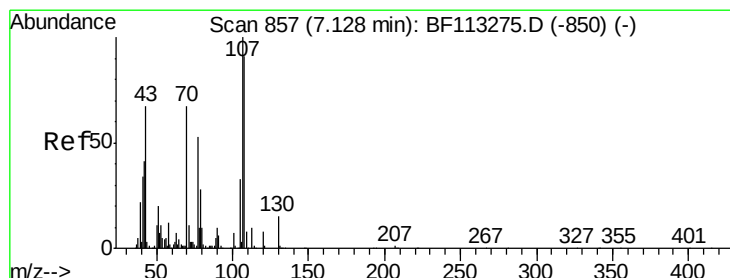
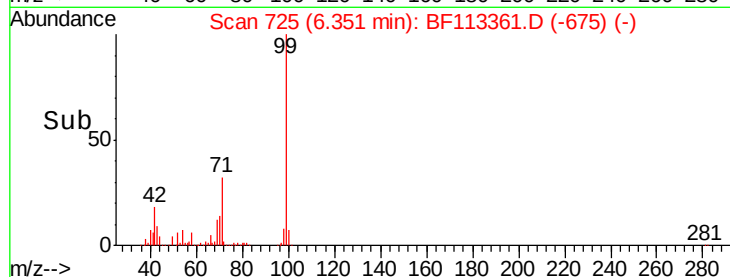
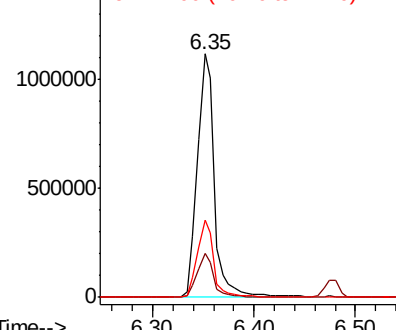
99 100

42 18.2 14.8 22.2

71 31.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 15.385 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

Tgt Ion: 70 Resp: 125156

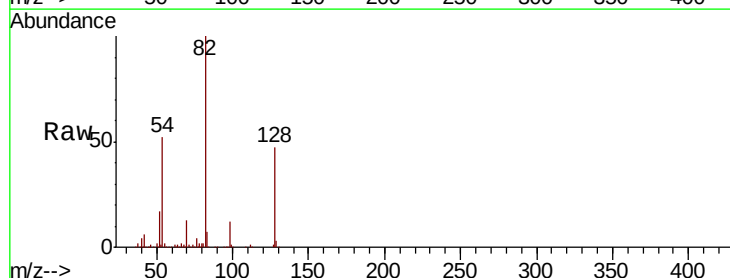
Ion Ratio Lower Upper

70 100

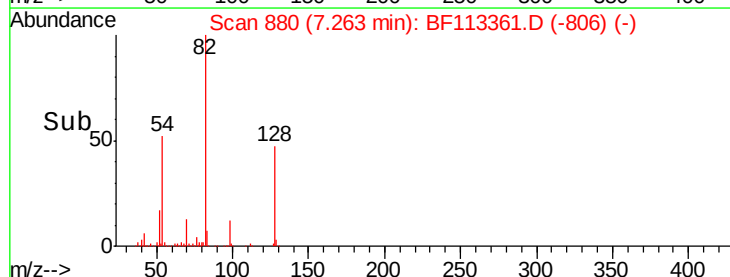
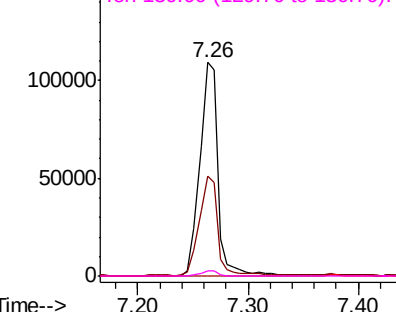
42 47.1 48.4 72.6#

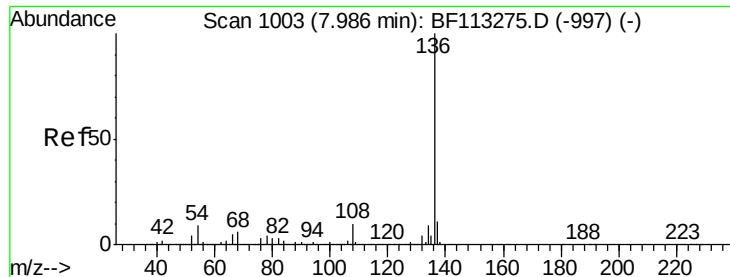
101 0.0 7.8 11.8#

130 2.6 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
150000
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

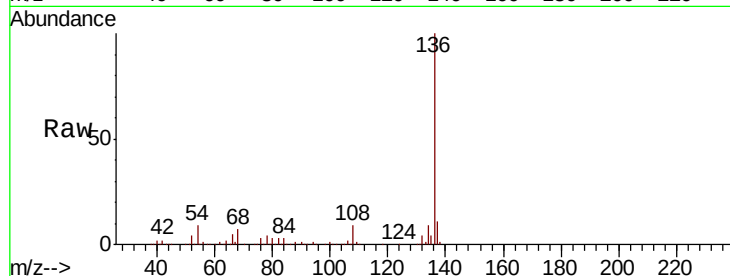




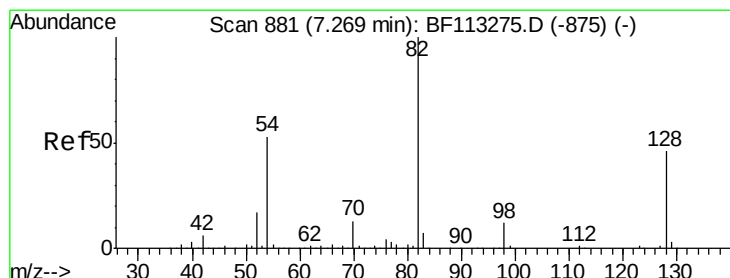
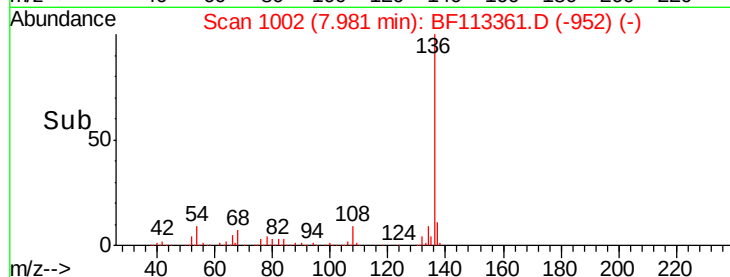
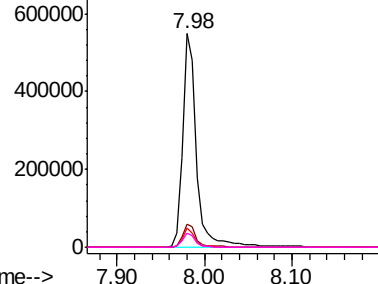
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Instrument :
BNA_F
ClientSampleId :
CS-19

Tgt Ion:	136	Resp:	604069
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	7.0	10.6
68	6.6	4.8	7.2

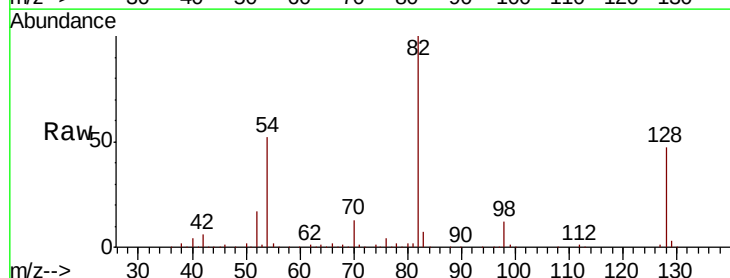


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

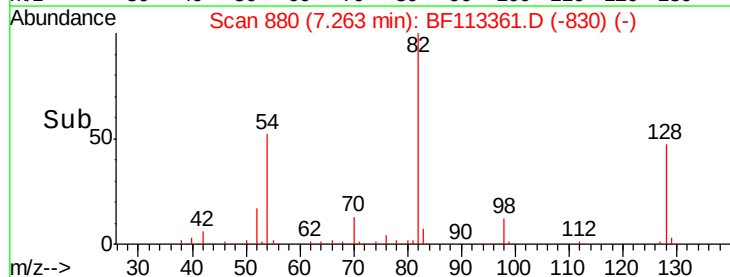
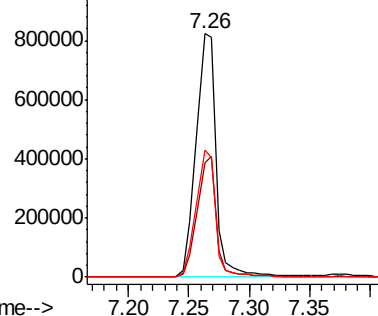


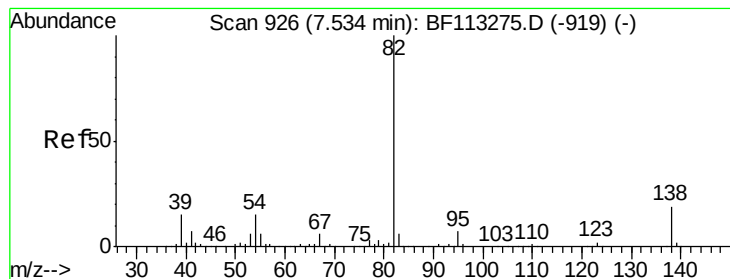
#23
Nitrobenzene-d5
Concen: 93.682 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Tgt Ion:	82	Resp:	953433
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	52.1	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: 48.123 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113361.D

Acq: 28 Mar 2019 6:53

Instrument :

BNA_F

ClientSampleId :

CS-19

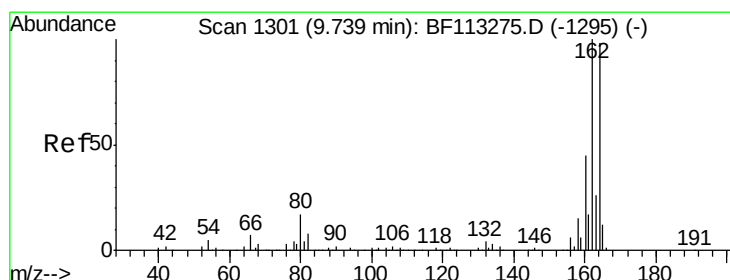
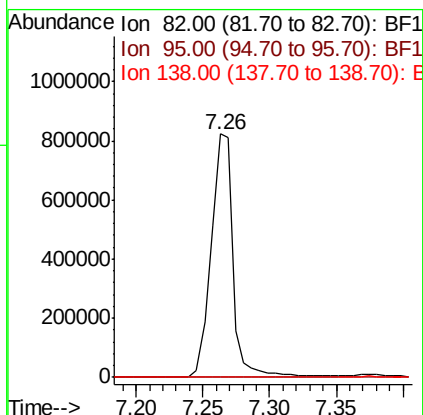
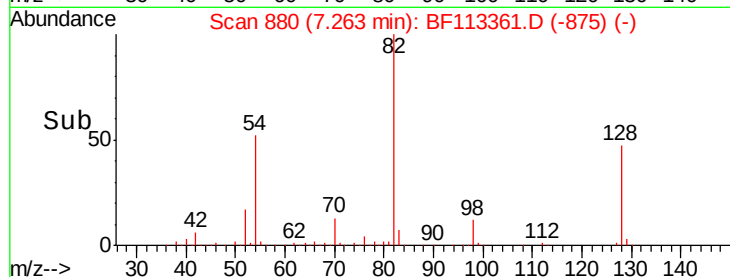
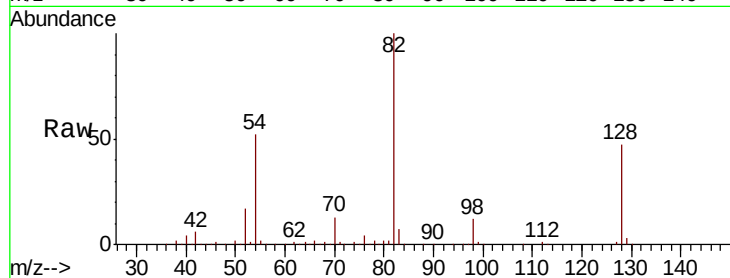
Tgt Ion: 82 Resp: 949157

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: BF113361.D

Acq: 28 Mar 2019 6:53

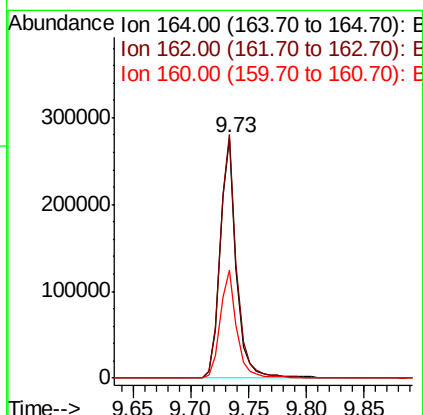
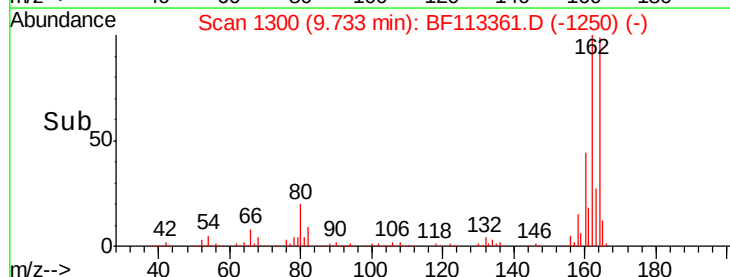
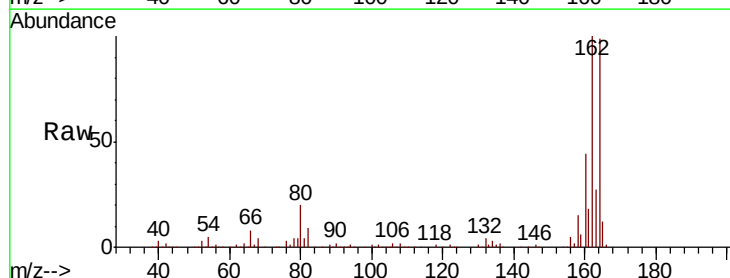
Tgt Ion: 164 Resp: 268017

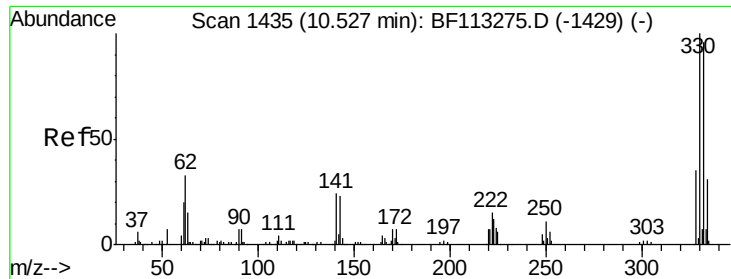
Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 45.0 36.4 54.6

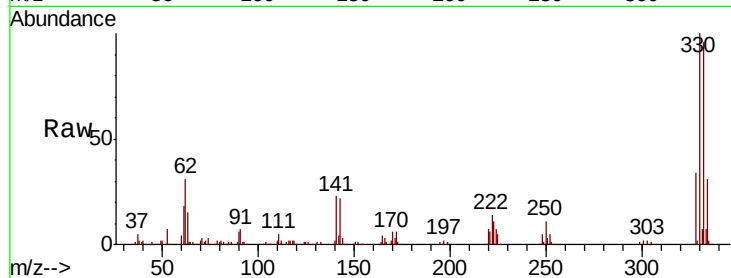




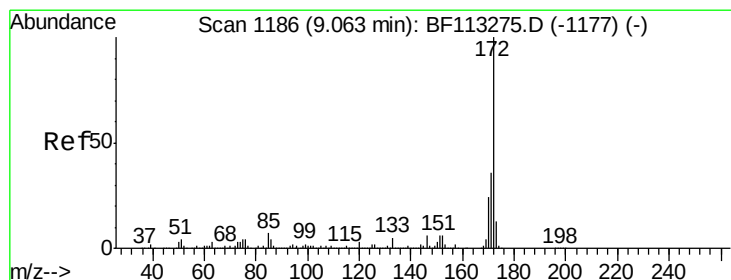
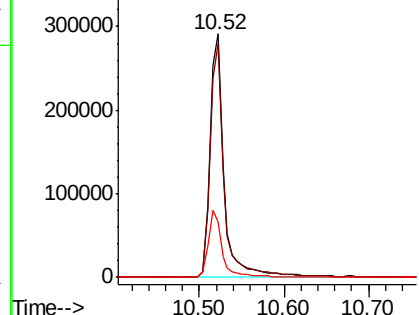
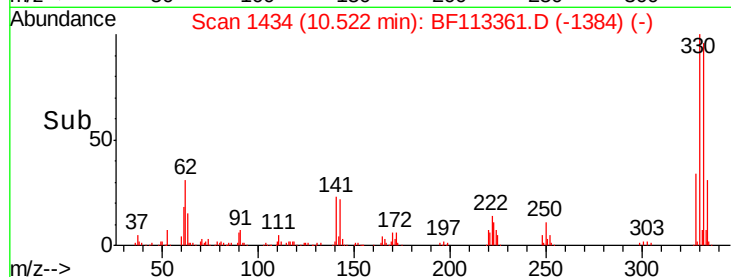
#42
 2,4,6-Tribromophenol
 Concen: 102.178 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-19

Tgt Ion:330 Resp: 338274
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 27.3 22.7 34.1

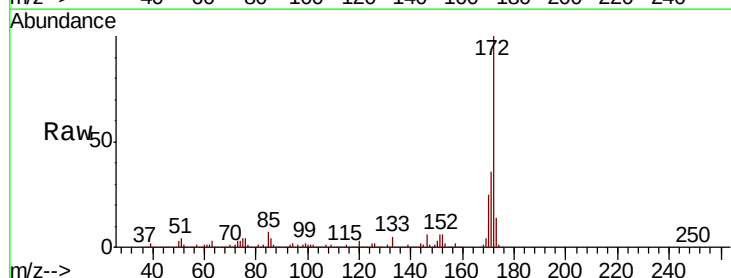


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

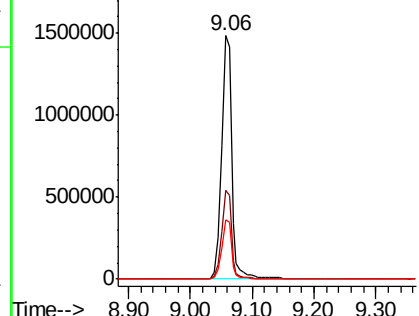
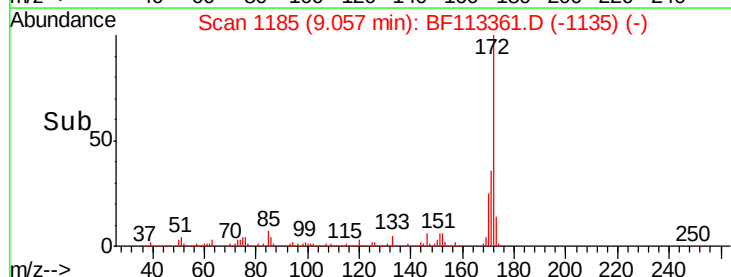


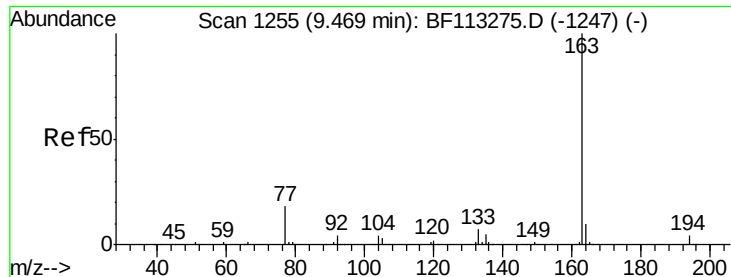
#45
 2-Fluorobiphenyl
 Concen: 101.134 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion:172 Resp: 1672133
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 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

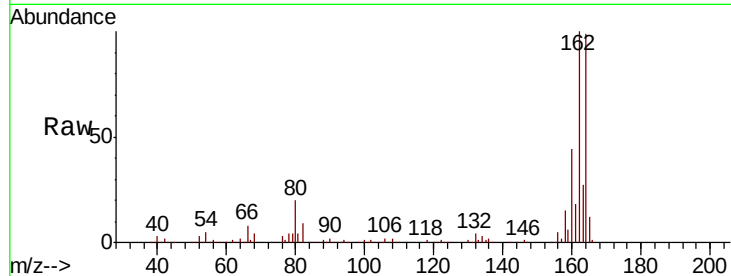




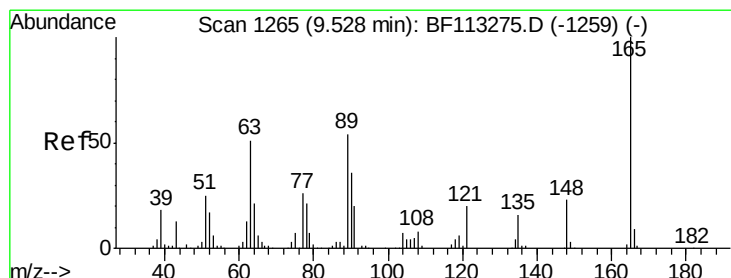
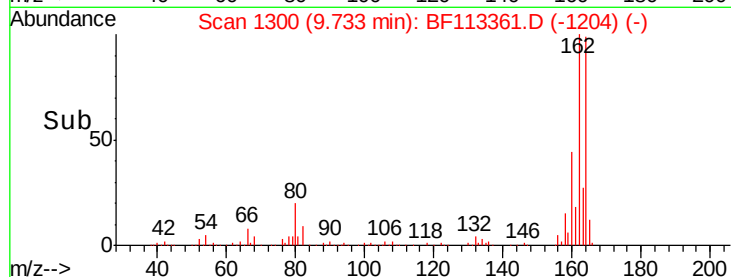
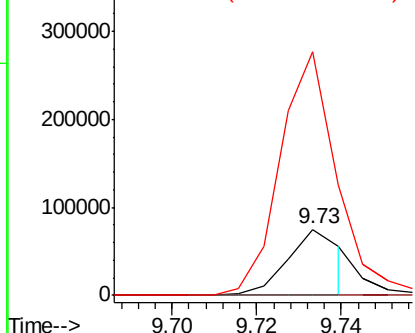
#50
Dimethylphthalate
Concen: 3.261 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Instrument :
BNA_F
ClientSampleId :
CS-19

Tgt Ion:163 Resp: 64767
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 368.4 8.1 12.1#

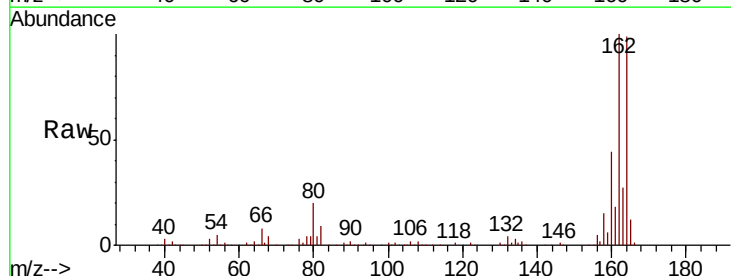


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

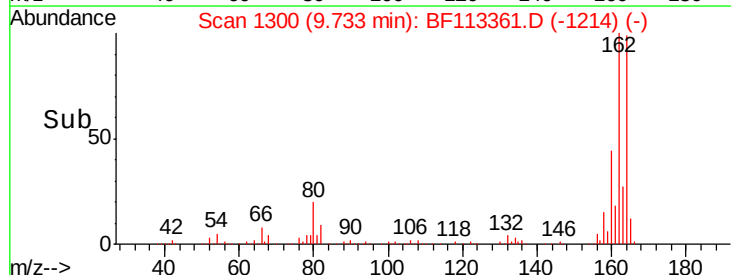
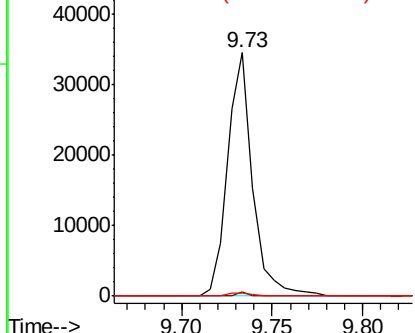


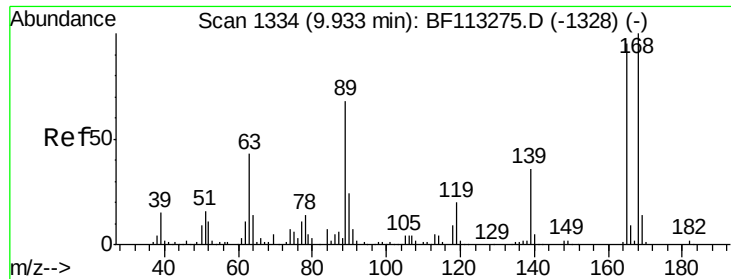
#51
2,6-Dinitrotoluene
Concen: 7.356 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113361.D
Acq: 28 Mar 2019 6:53

Tgt Ion:165 Resp: 32959
Ion Ratio Lower Upper
165 100
63 1.5 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

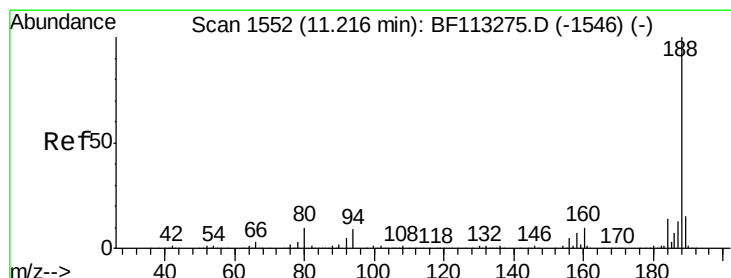
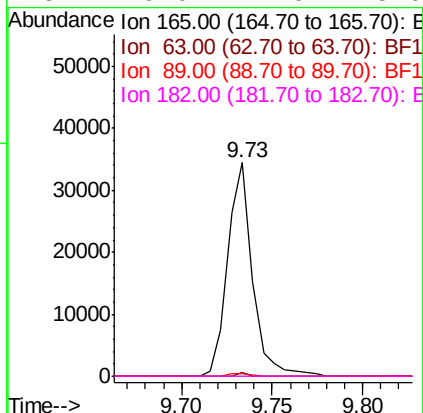
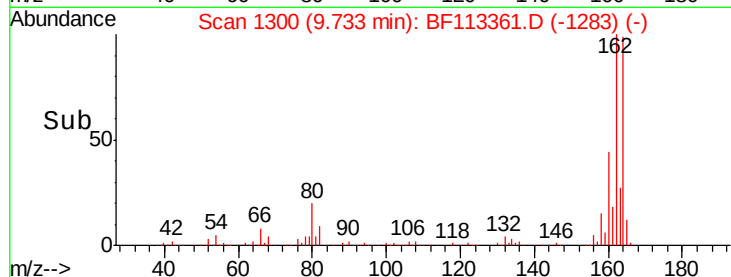
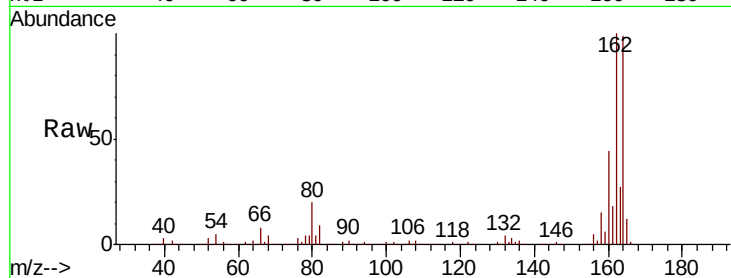




#57
 2,4-Dinitrotoluene
 Concen: 5.784 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

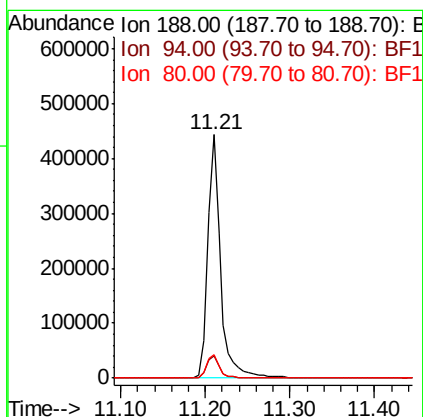
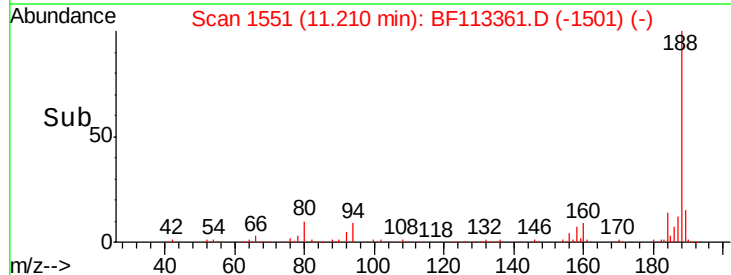
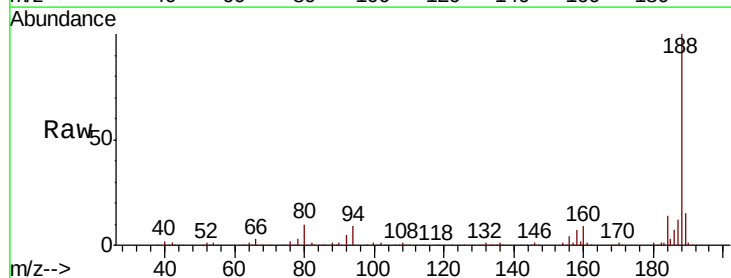
Instrument :
 BNA_F
 ClientSampled :
 CS-19

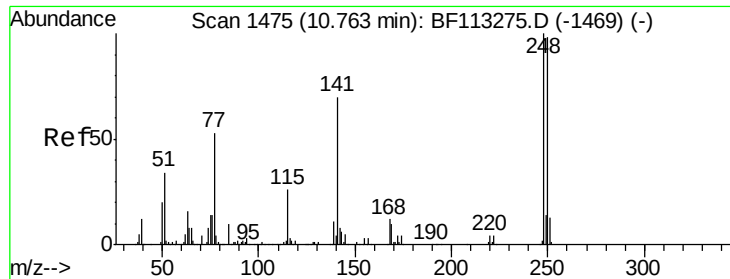
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.5	56.3#
89	1.3	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	9.6	7.7	11.5

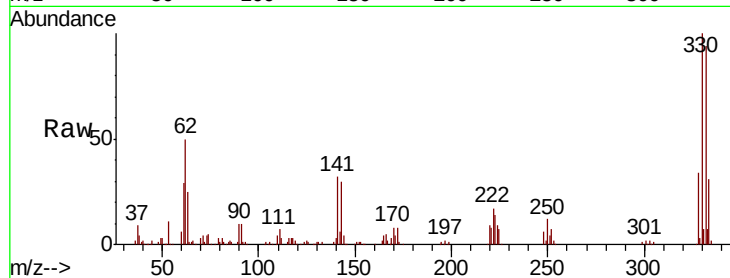




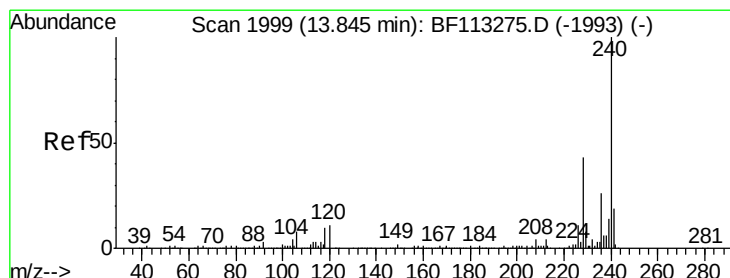
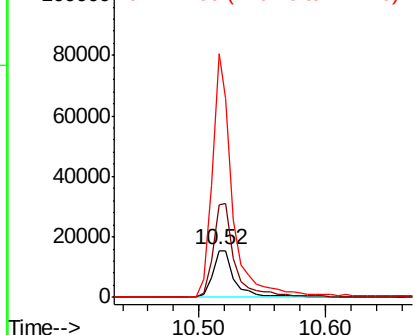
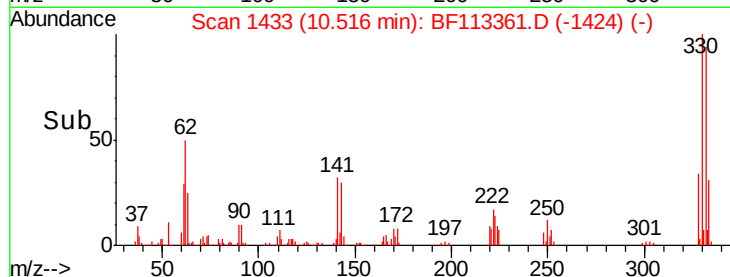
#67
 4-Bromophenyl-phenylether
 Concen: 3.691 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Instrument :
 BNA_F
 ClientSampled :
 CS-19

Tgt Ion:248 Resp: 18940
 Ion Ratio Lower Upper
 248 100
 250 197.5 78.3 117.5#
 141 519.4 56.2 84.4#

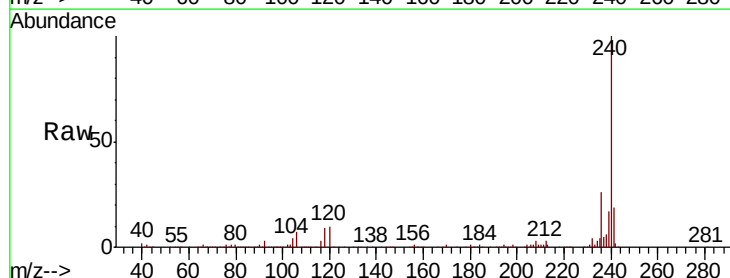


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

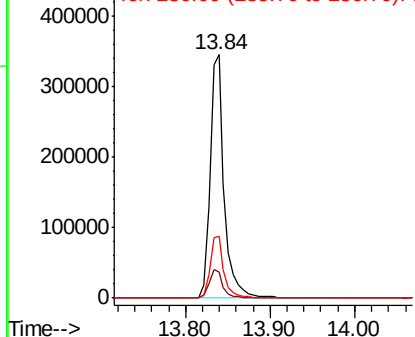
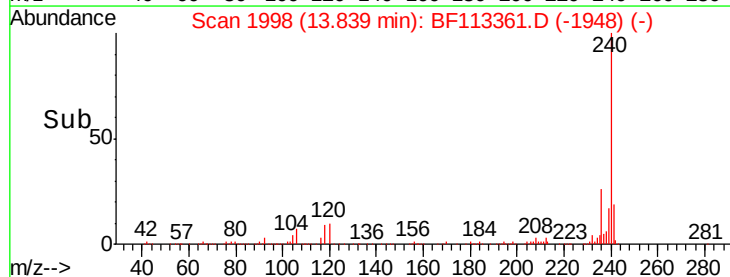


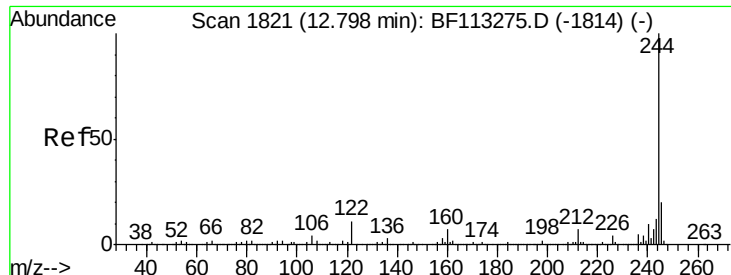
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion:240 Resp: 405260
 Ion Ratio Lower Upper
 240 100
 120 10.4 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

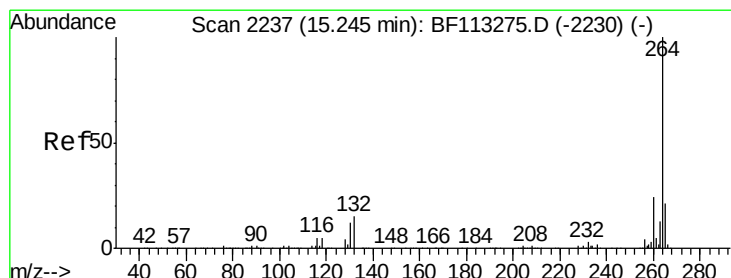
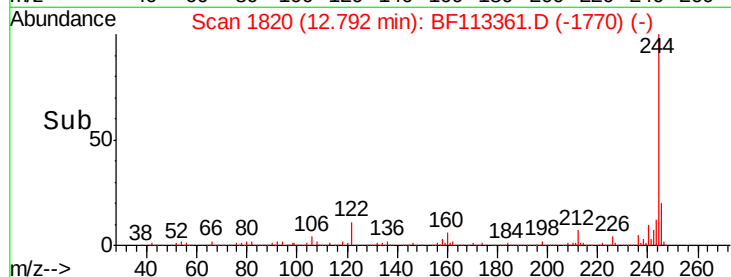
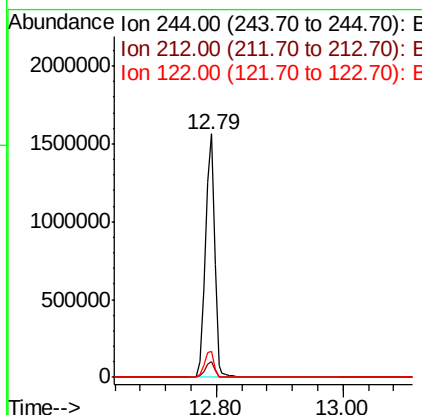
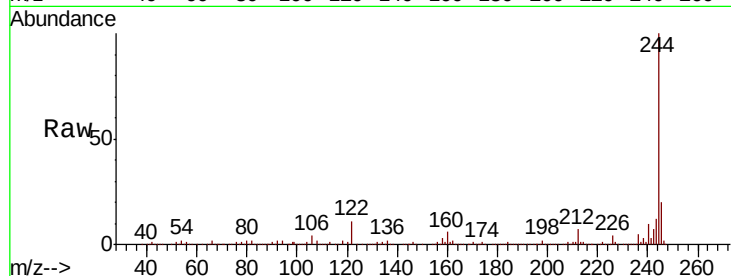




#79
 Terphenyl-d14
 Concen: 84.545 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113361.D
 Acq: 28 Mar 2019 6:53

Instrument :
 BNA_F
 ClientSampleId :
 CS-19

Tgt Ion:244 Resp: 1554453
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.9 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: BF113361.D
 Acq: 28 Mar 2019 6:53

Tgt Ion:264 Resp: 303967
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.7 17.1 25.7

