

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113666.D
 Acq On : 9 Apr 2019 17:33
 Operator : JU/SJ
 Sample : K2338-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:24:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

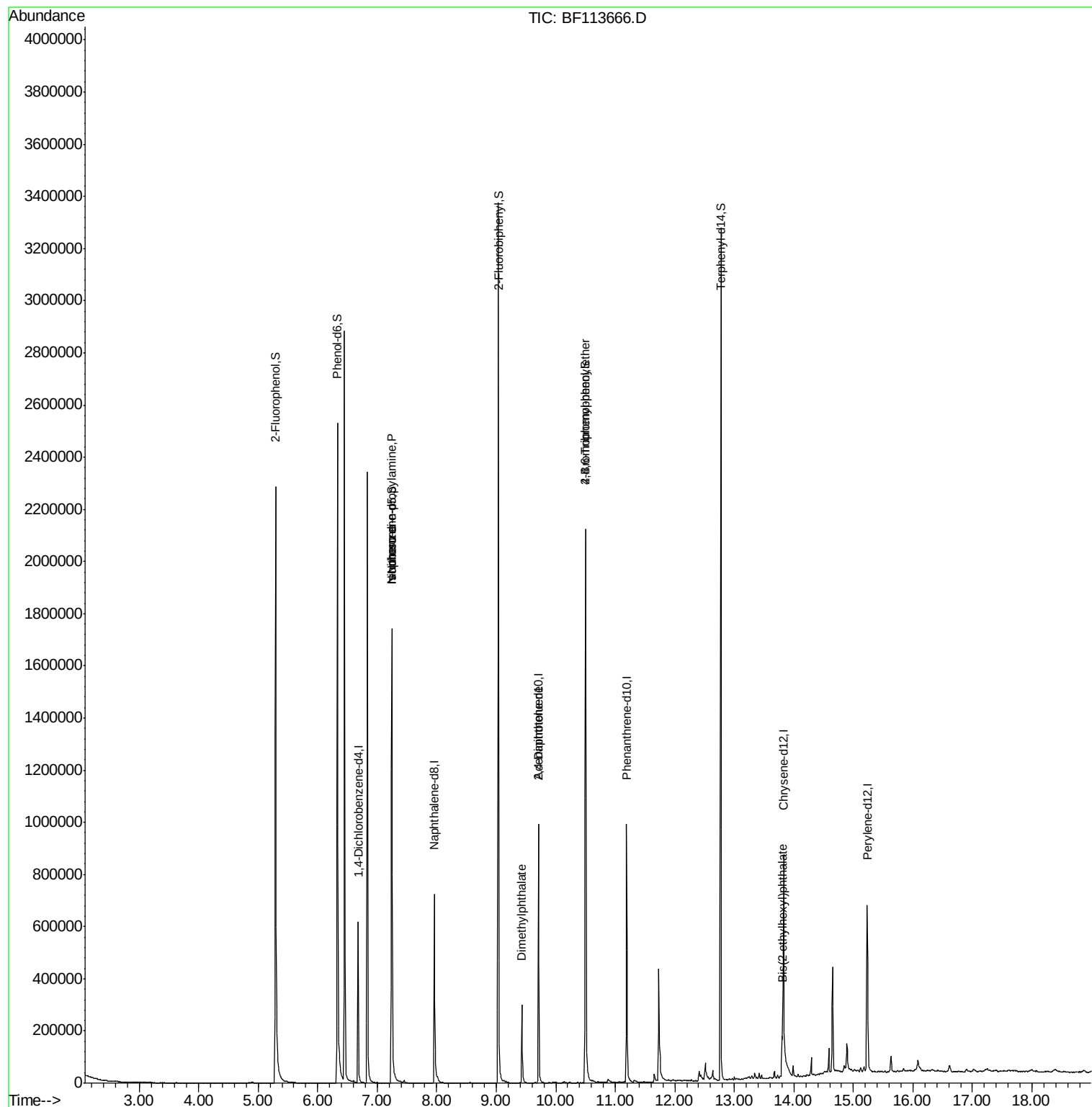
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	110322	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	418405	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	204117	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	419655	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	313983	20.00	ng	-0.02
87) Perylene-d12	15.23	264	286059	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	794354	122.78	ng	0.00
7) Phenol-d6	6.33	99	1029276	129.08	ng	0.00
23) Nitrobenzene-d5	7.25	82	610502	85.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	324769	132.45	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1125435	88.76	ng	-0.02
79) Terphenyl-d14	12.77	244	1223195	79.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	77953	15.854	ng	# 79
25) Isophorone	7.25	82	610498	44.367	ng	# 64
50) Dimethylphthalate	9.43	163	155723	10.350	ng	# 99
57) 2,4-Dinitrotoluene	9.71	165	25626	6.389	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	18232	3.874	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.80	149	45511	3.871	ng	# 97

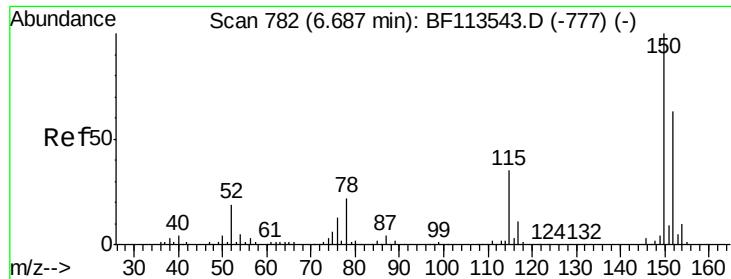
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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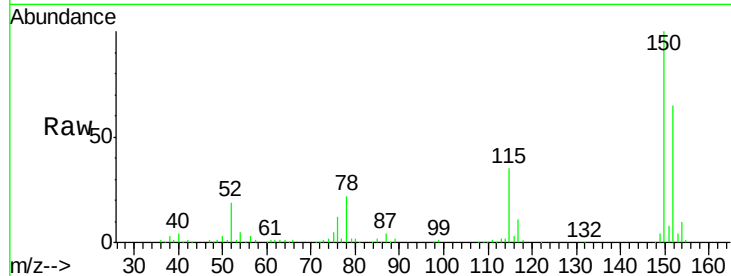


#1

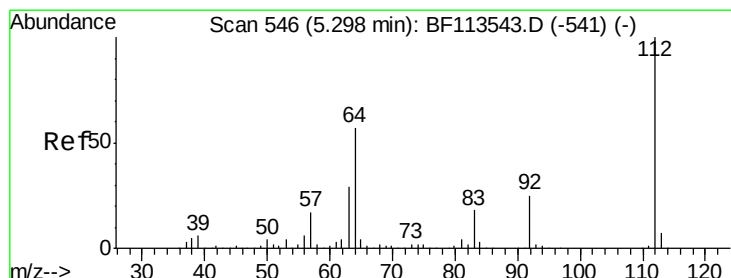
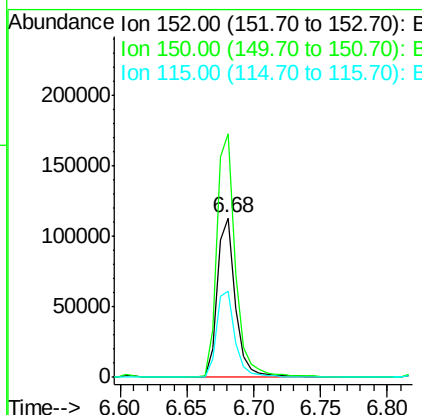
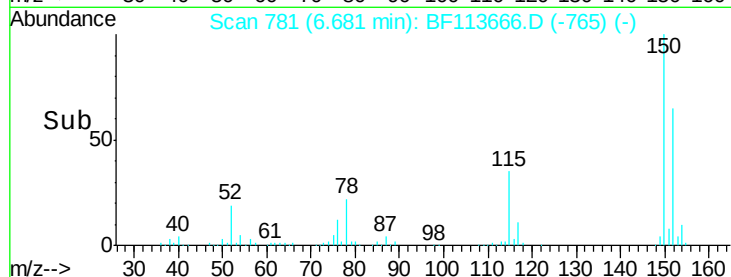
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110322
Ion Ratio Lower Upper
152 100
150 152.9 124.7 187.1
115 54.0 46.0 69.0



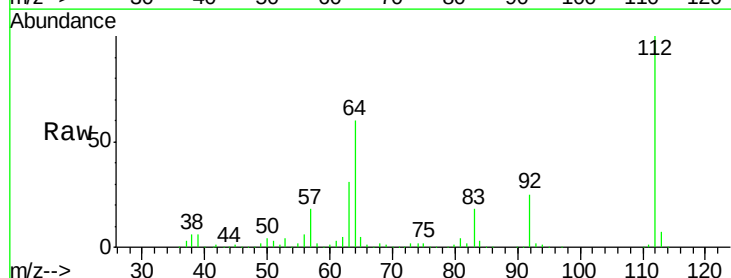
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



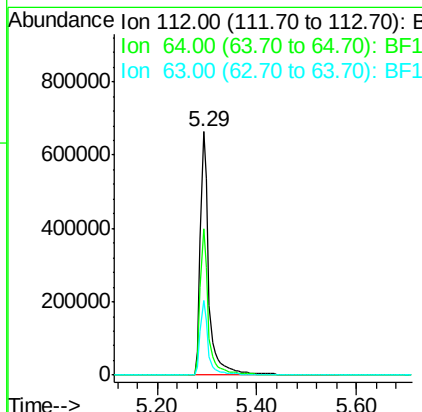
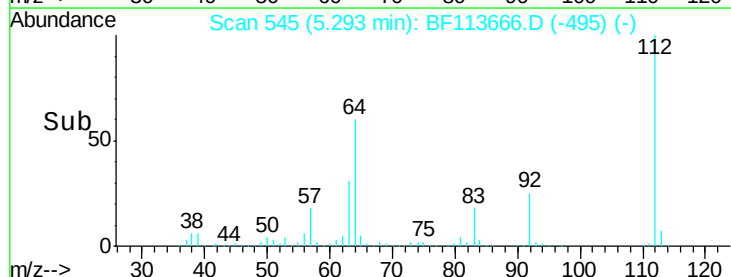
#5

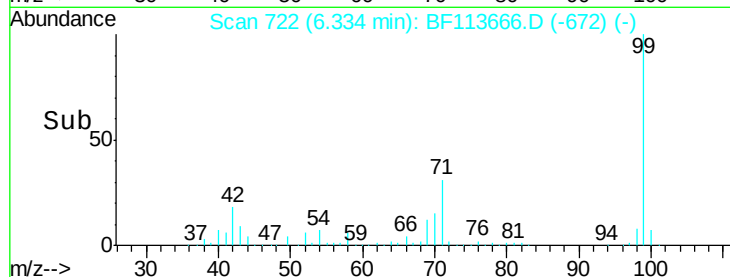
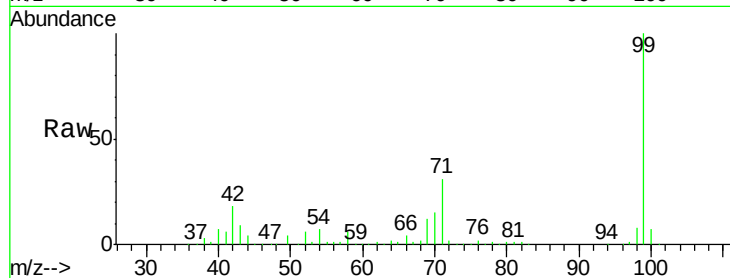
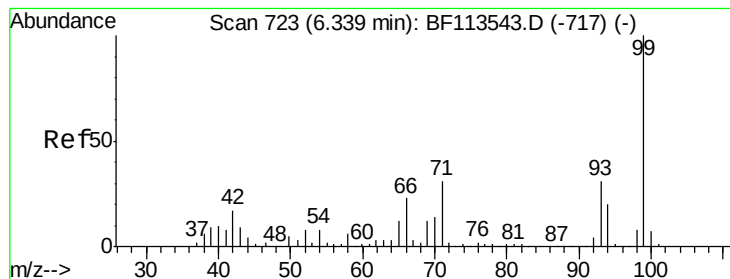
2-Fluorophenol
Concen: 122.782 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

Tgt Ion:112 Resp: 794354
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 30.6 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: 129.081 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113666.D

Acq: 9 Apr 2019 17:33

Tot Ion: 99 Resp: 1029276

Ion Ratio Lower Upper

99 100

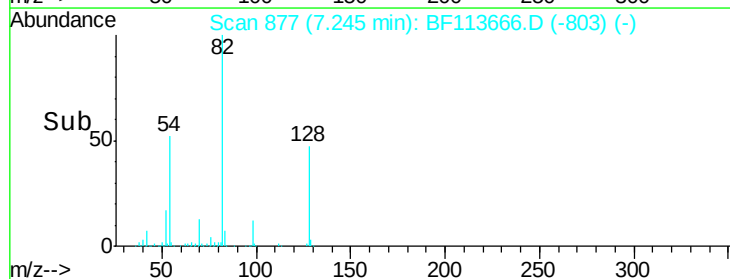
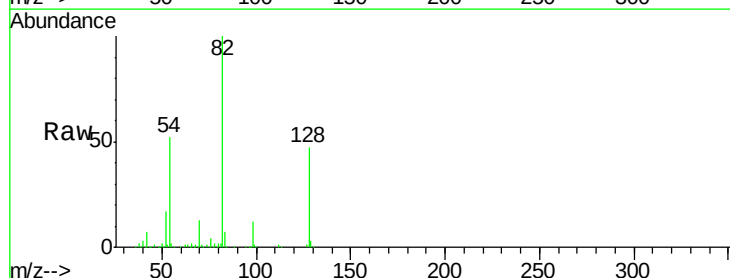
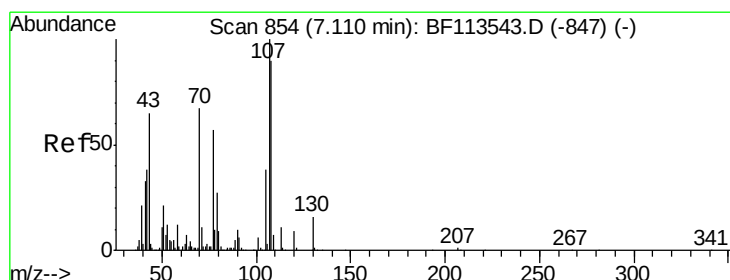
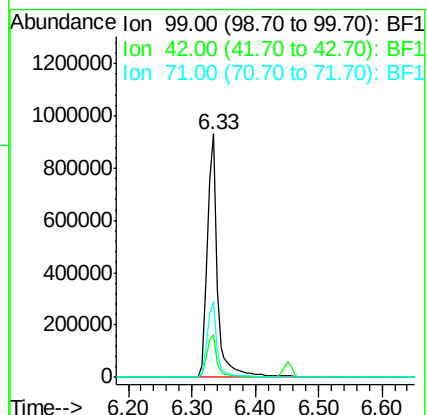
42 17.8 14.8 22.2

71 31.4 24.9 37.3

Instrument :

BNA_F

ClientSampleId :



#19

n-Nitroso-di-n-propylamine

Concen: 15.854 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113666.D

Acq: 9 Apr 2019 17:33

Tgt Ion: 70 Resp: 77953

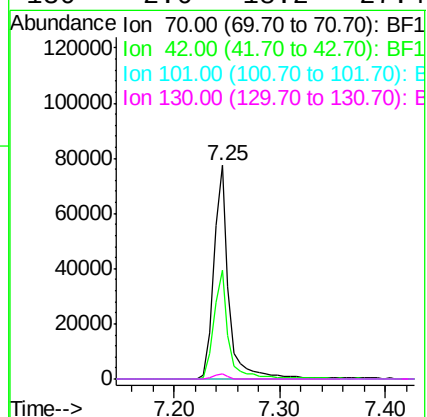
Ion Ratio Lower Upper

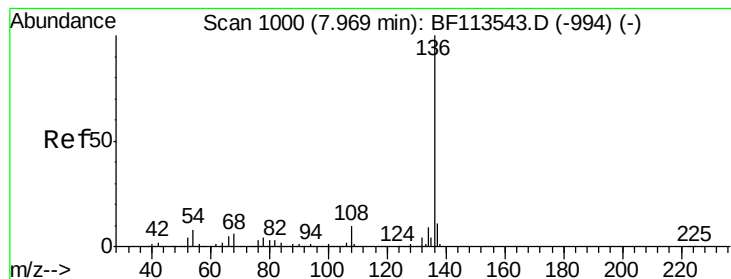
70 100

42 50.8 48.4 72.6

101 0.0 7.8 11.8#

130 2.6 18.2 27.4#

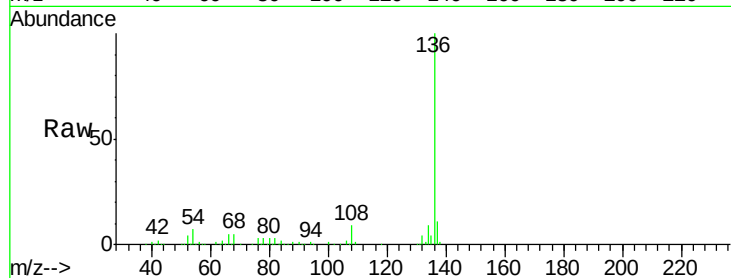




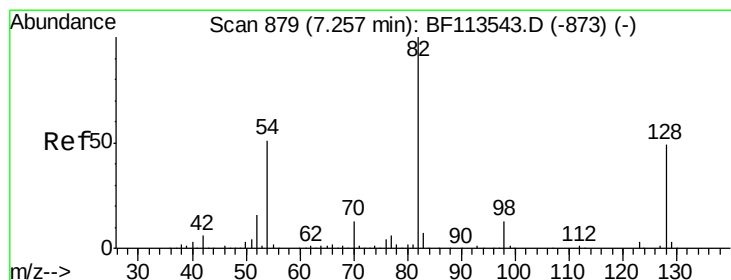
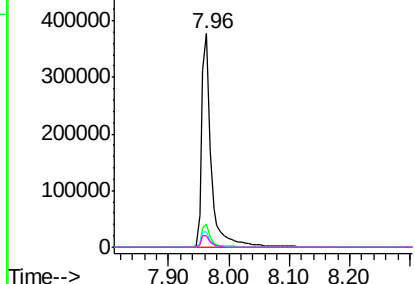
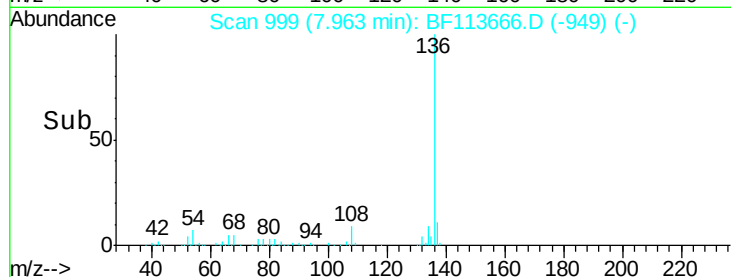
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	418405
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.1	7.0 10.6
68	5.3	4.8 7.2

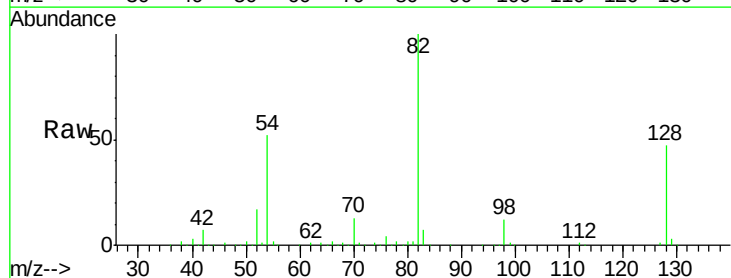


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

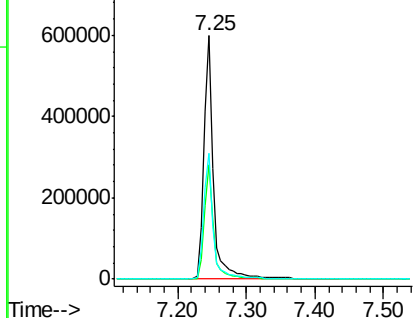
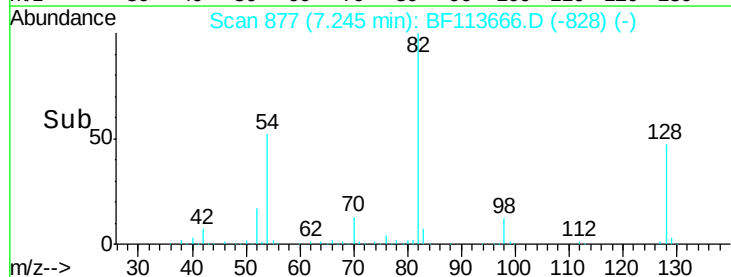


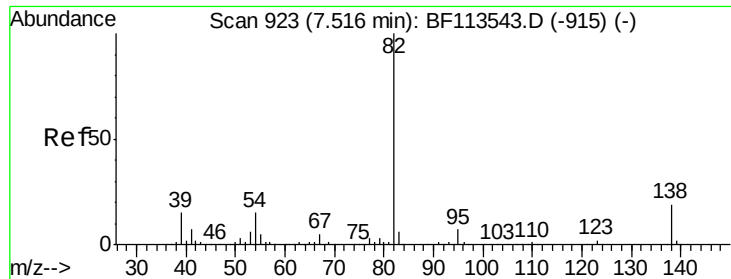
#23
Nitrobenzene-d5
Concen: 85.468 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

Tgt Ion: 82	Resp:	610502
Ion	Ratio	Lower Upper
82	100	
128	46.8	36.5 54.7
54	51.6	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

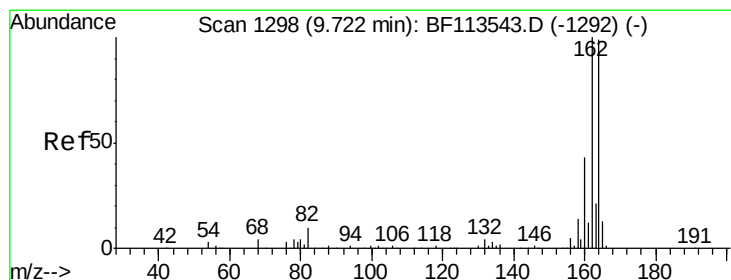
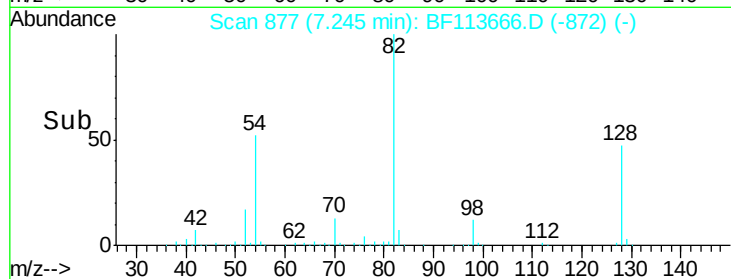
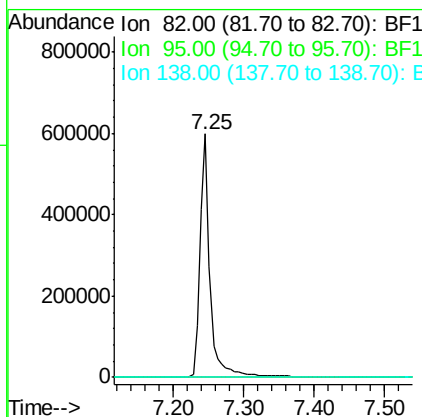
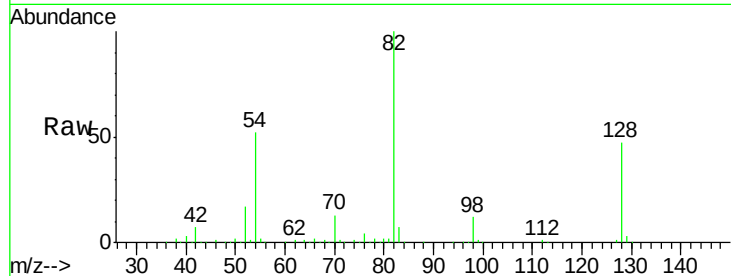




#25
Isophorone
Concen: 44.367 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

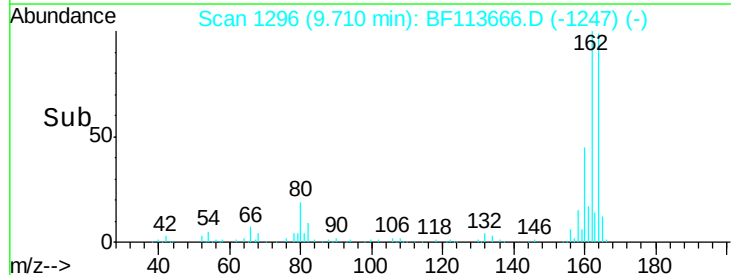
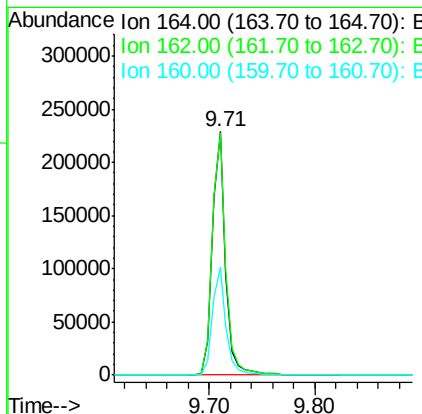
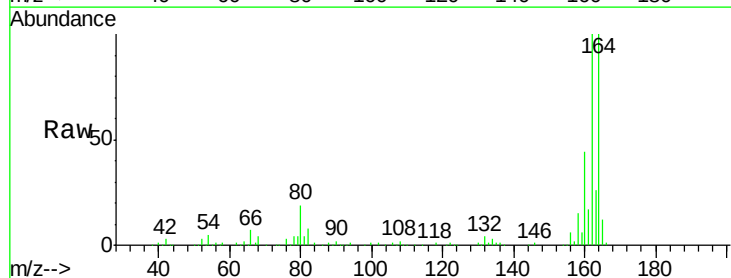
Instrument :
BNA_F
ClientSampleId :

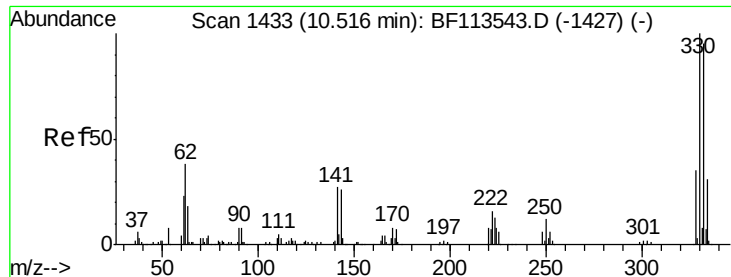
Tot Ion: 82 Resp: 610498
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

Tgt Ion:164 Resp: 204117
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 44.4 36.4 54.6

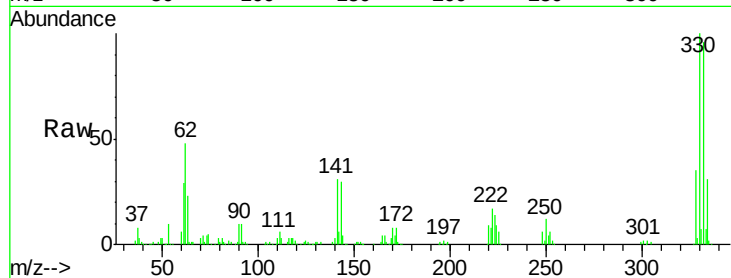




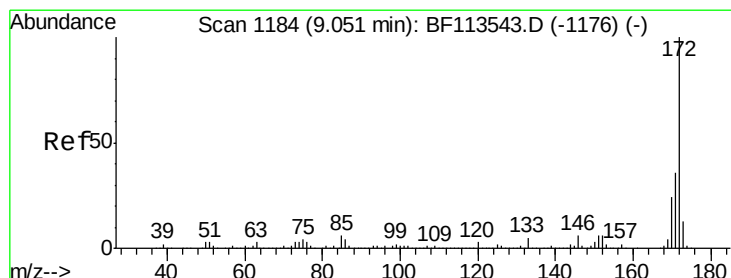
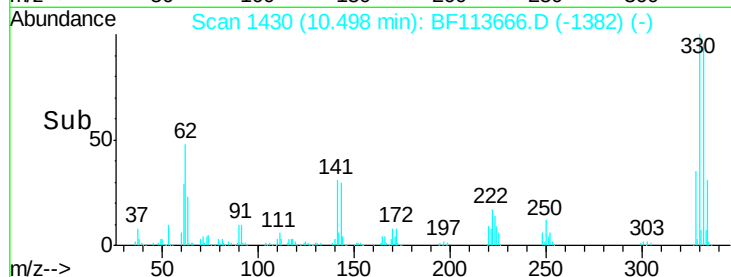
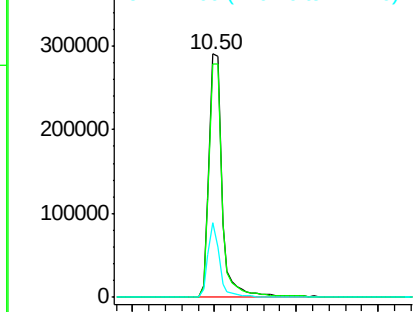
#42
 2,4,6-Tribromophenol
 Concen: 132.454 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113666.D
 Acq: 9 Apr 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 324769
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 27.7 22.7 34.1

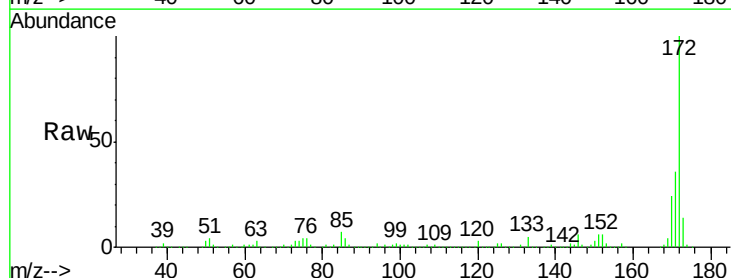


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

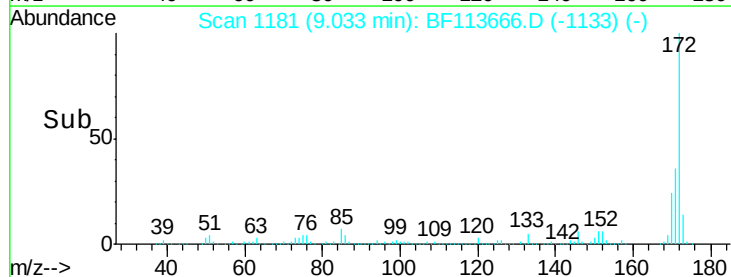
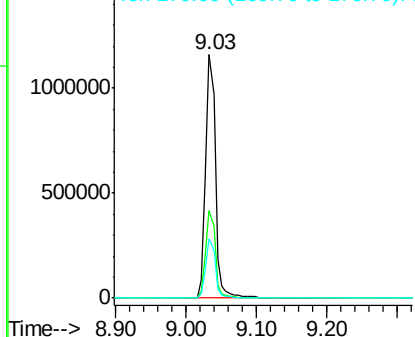


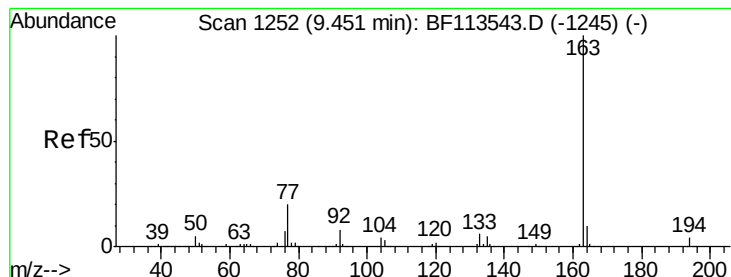
#45
 2-Fluorobiphenyl
 Concen: 88.764 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113666.D
 Acq: 9 Apr 2019 17:33

Tgt Ion:172 Resp: 1125435
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.2 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: 10.350 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113666.D

Acq: 9 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

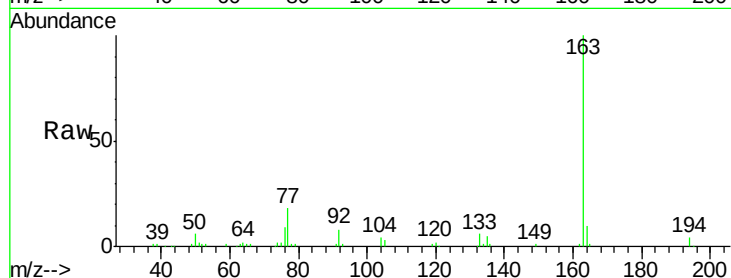
Tot Ion:163 Resp: 155723

Ion Ratio Lower Upper

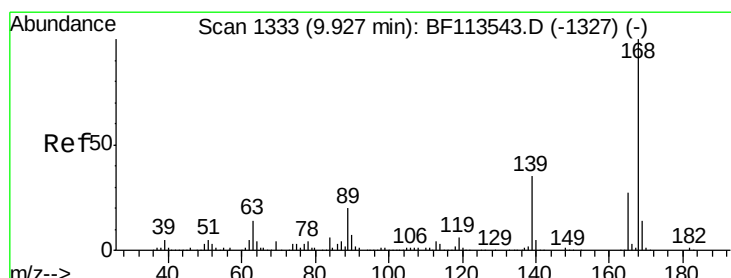
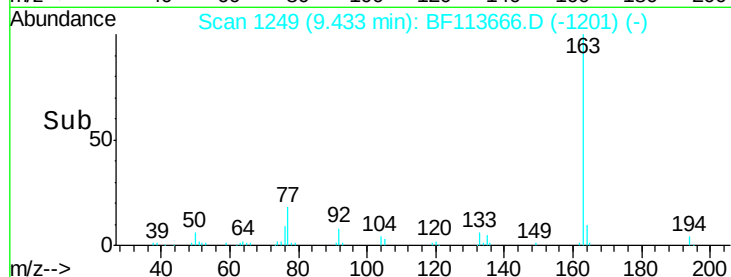
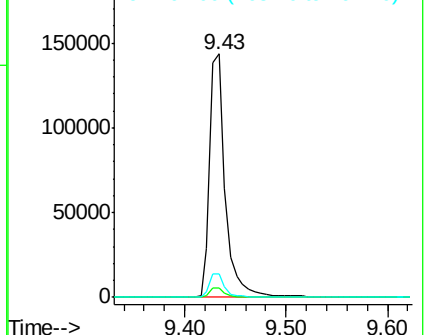
163 100

194 3.9 3.0 4.6

164 9.6 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: 6.389 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113666.D

Acq: 9 Apr 2019 17:33

Tgt Ion:165 Resp: 25626

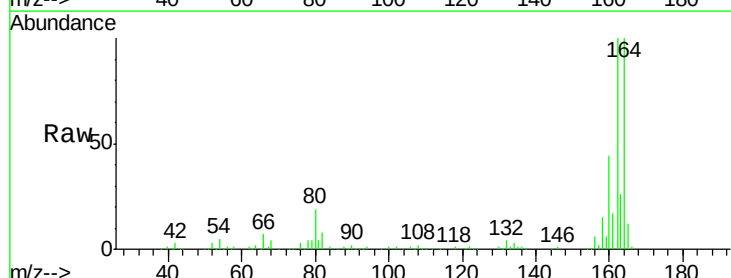
Ion Ratio Lower Upper

165 100

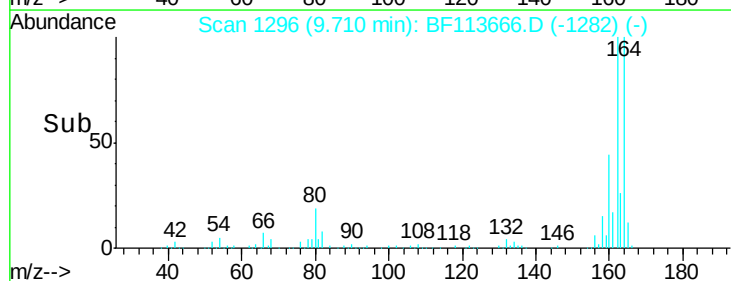
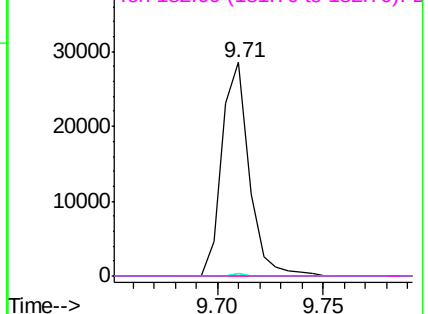
63 1.2 37.5 56.3#

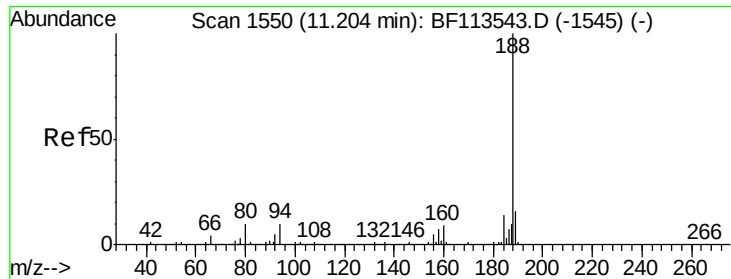
89 1.2 57.4 86.2#

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

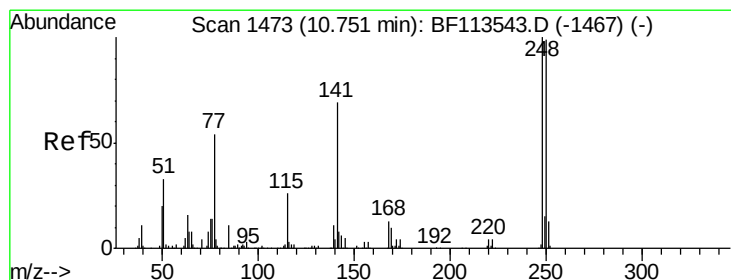
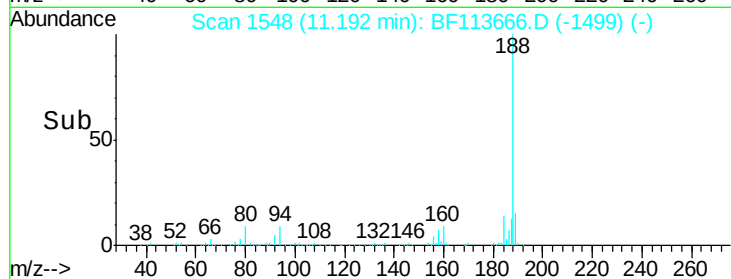
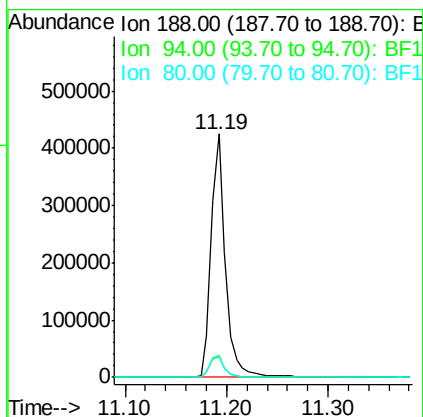
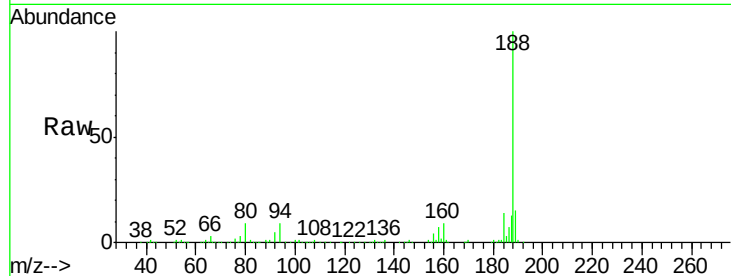




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

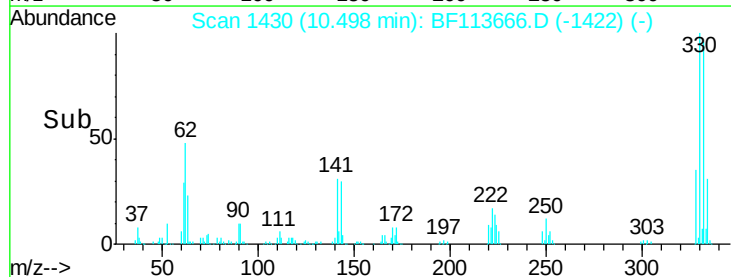
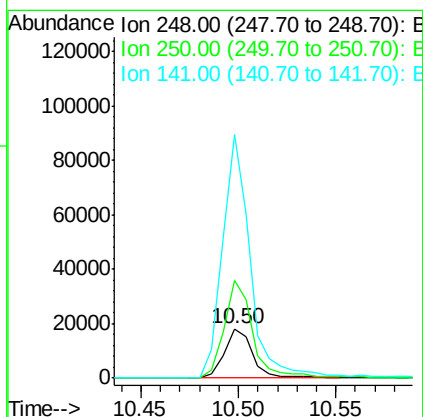
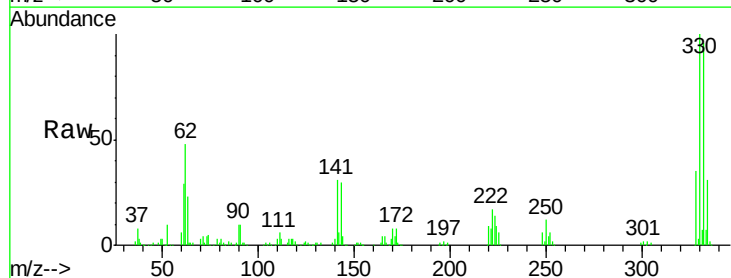
Instrument :
BNA_F
ClientSampleId :

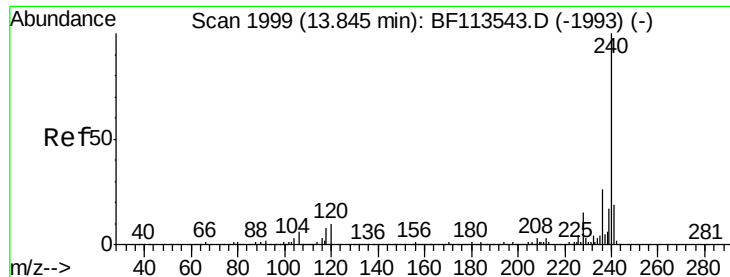
Tot Ion:188 Resp: 419655
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 8.9 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.874 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113666.D
Acq: 9 Apr 2019 17:33

Tgt Ion:248 Resp: 18232
Ion Ratio Lower Upper
248 100
250 197.3 78.3 117.5#
141 494.7 56.2 84.4#

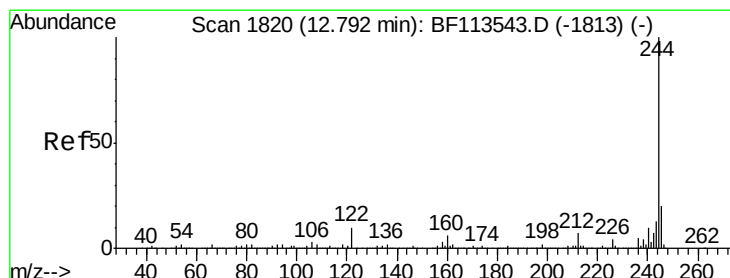
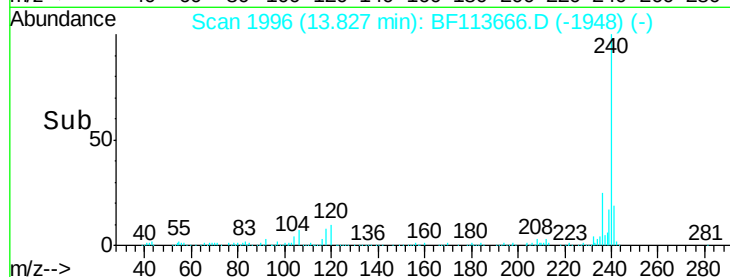
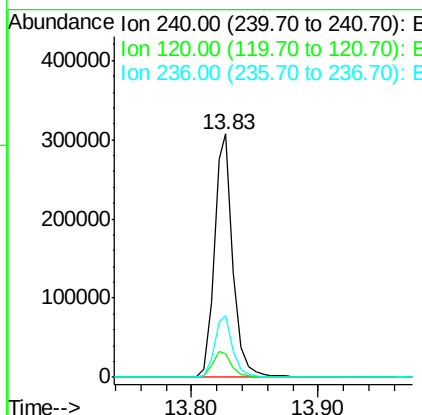
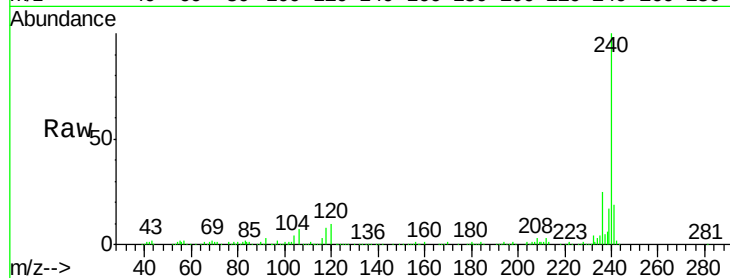




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113666.D
 Acq: 9 Apr 2019 17:33

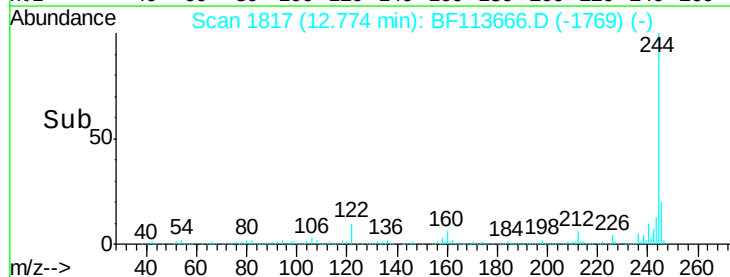
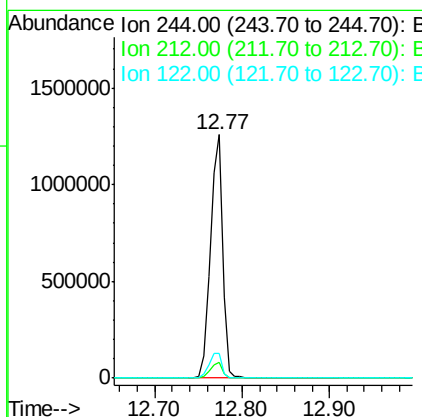
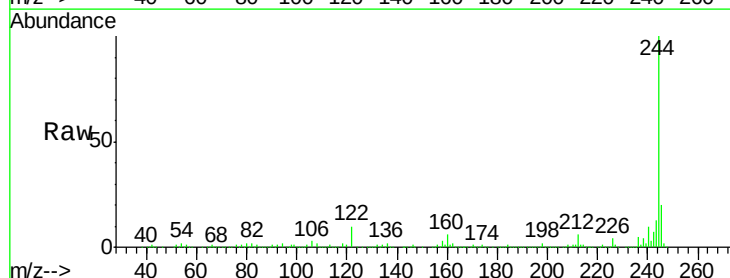
Instrument :
 BNA_F
 ClientSampleId :

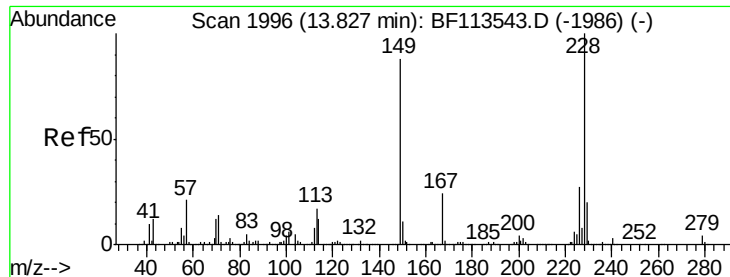
Tot Ion:240 Resp: 313983
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.8 13.2
 236 25.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 79.318 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113666.D
 Acq: 9 Apr 2019 17:33

Tgt Ion:244 Resp: 1223195
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.0 8.6 13.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.871 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113666.D

Acq: 9 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

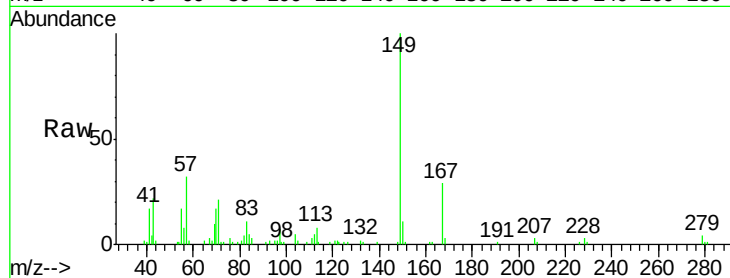
Tot Ion:149 Resp: 45511

Ion Ratio Lower Upper

149 100

167 28.7 21.8 32.8

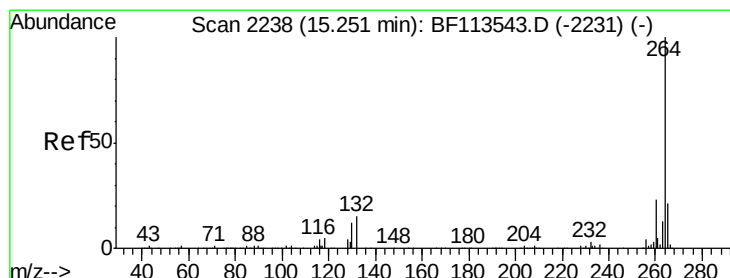
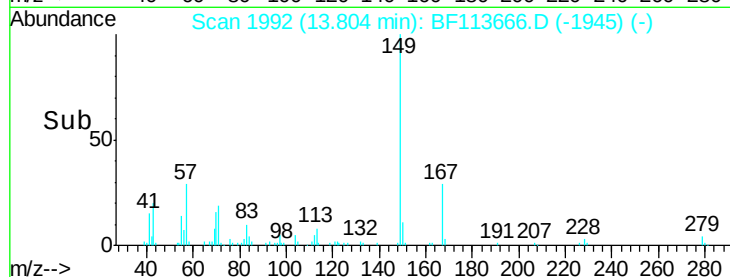
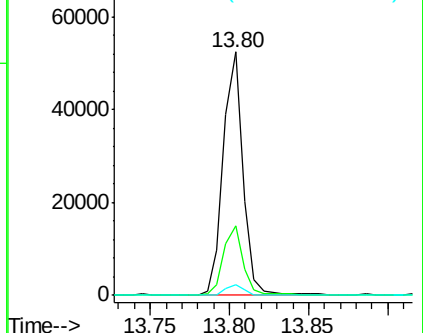
279 4.4 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113666.D

Acq: 9 Apr 2019 17:33

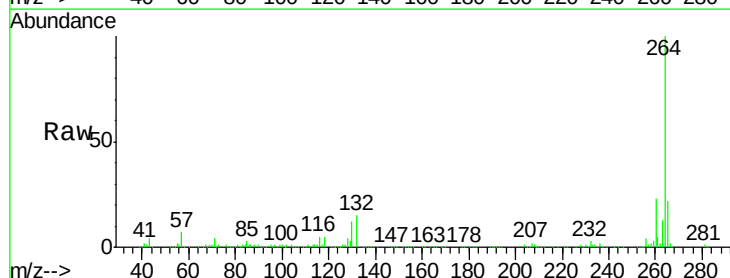
Tgt Ion:264 Resp: 286059

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.9 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

