

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111923.D
 Acq On : 8 Jan 2019 22:33
 Operator : JU/SJ
 Sample : K1075-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 01:00:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

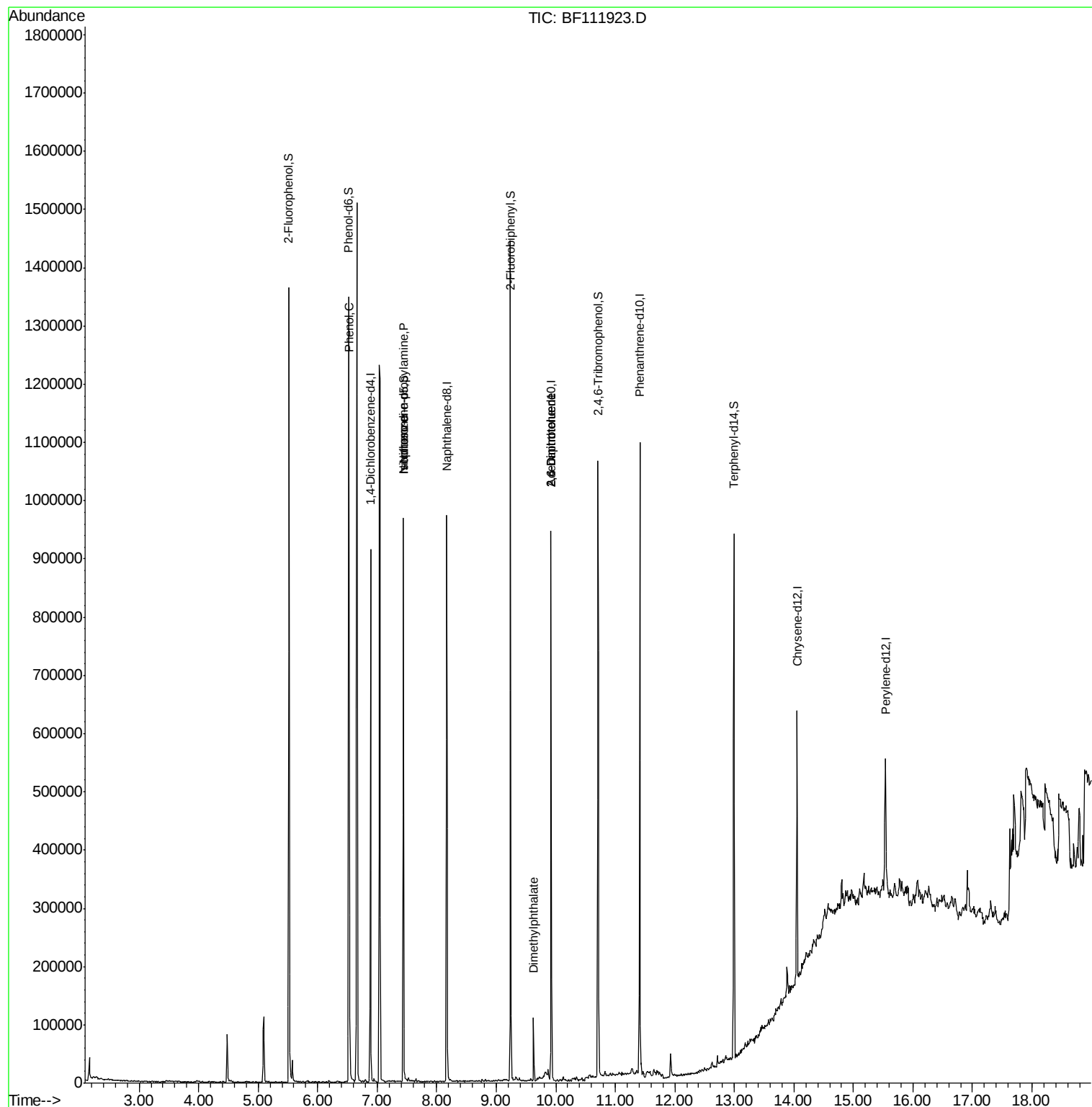
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121109	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	384415	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	177710	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	359327	20.00	ng	0.00
76) Chrysene-d12	14.05	240	141788	20.00	ng	0.00
87) Perylene-d12	15.54	264	106031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	329199	46.50	ng	0.00
7) Phenol-d6	6.52	99	406375	44.54	ng	-0.01
23) Nitrobenzene-d5	7.44	82	268881	37.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	120118	51.97	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	393524	32.29	ng	-0.01
79) Terphenyl-d14	12.99	244	269763	36.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	759	Below Cal	Qvalue	# 1
10) Phenol	6.53	94	20488	2.066 ng	#	89
19) n-Nitroso-di-n-propylamine	7.44	70	35711	6.024 ng	#	79
25) Isophorone	7.44	82	268879	23.085 ng	#	65
50) Dimethylphthalate	9.63	163	40667	3.046 ng	#	98
51) 2,6-Dinitrotoluene	9.92	165	22105	7.405 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	22105	5.730 ng	#	27

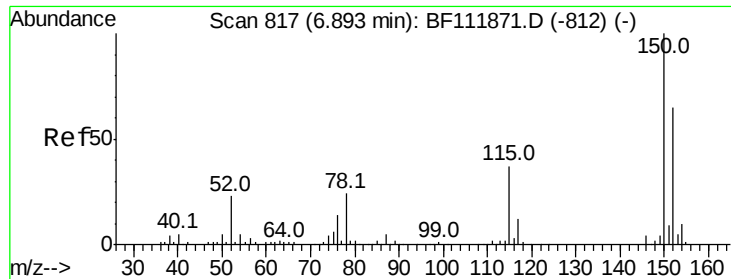
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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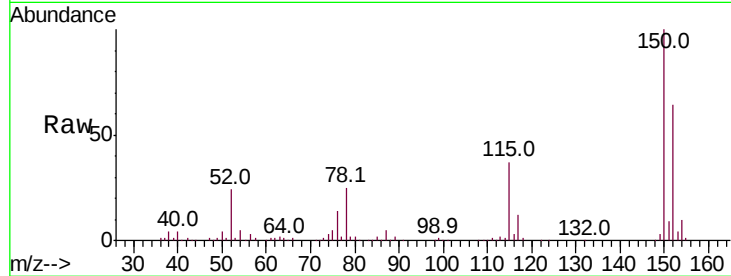


#1

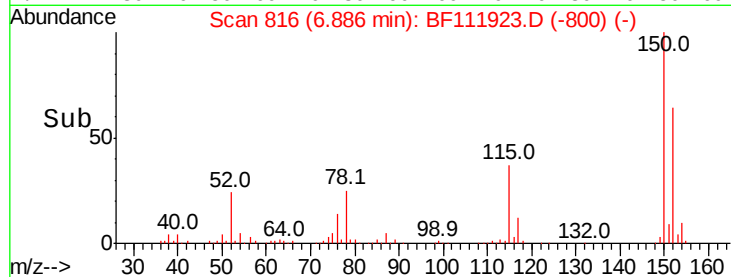
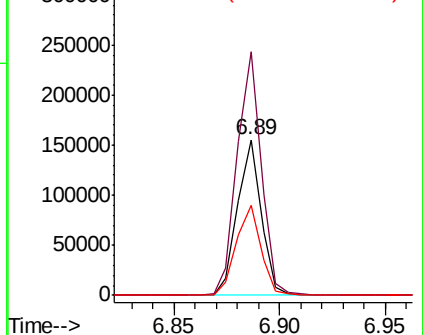
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111923.D
Acq: 8 Jan 2019 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121109
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 57.9 45.2 67.8



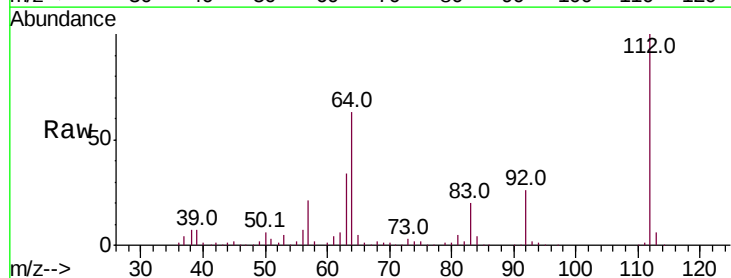
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



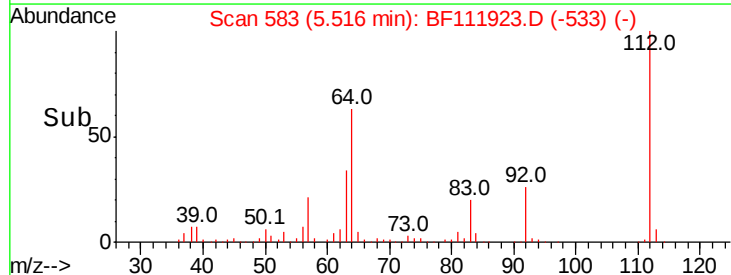
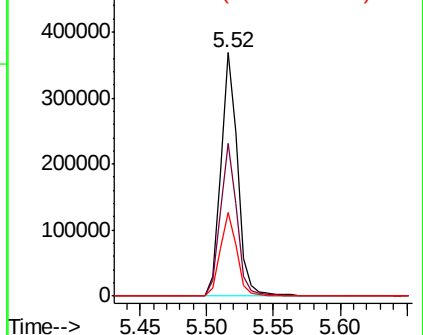
#5

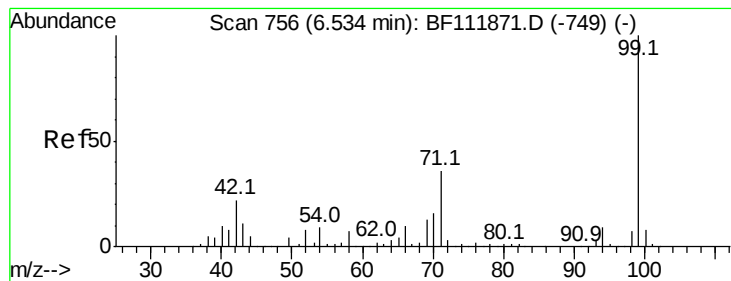
2-Fluorophenol
Concen: 46.503 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111923.D
Acq: 8 Jan 2019 22:33

Tgt Ion:112 Resp: 329199
Ion Ratio Lower Upper
112 100
64 63.0 48.3 72.5
63 34.1 26.1 39.1



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: 44.539 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111923.D

Acq: 8 Jan 2019 22:33

Instrument :

BNA_F

ClientSampled :

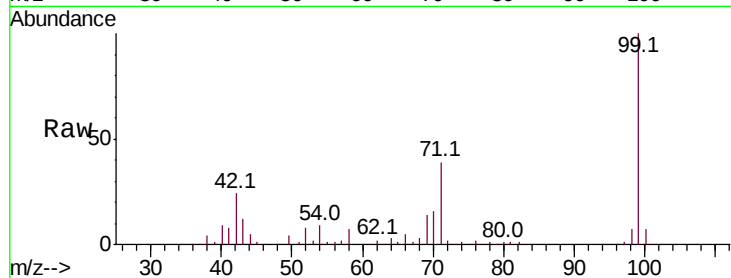
Tot Ion: 99 Resp: 406375

Ion Ratio Lower Upper

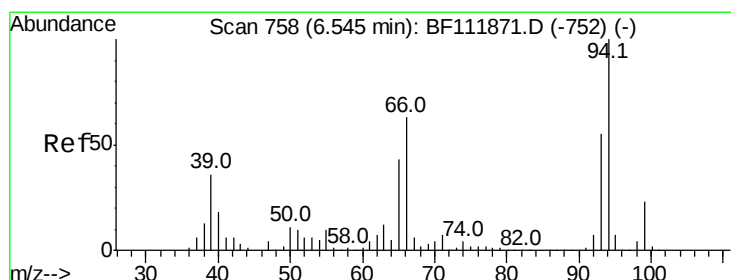
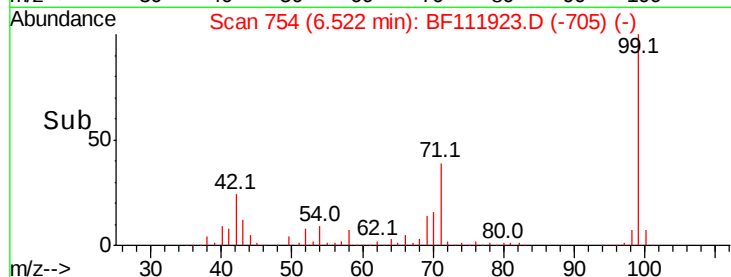
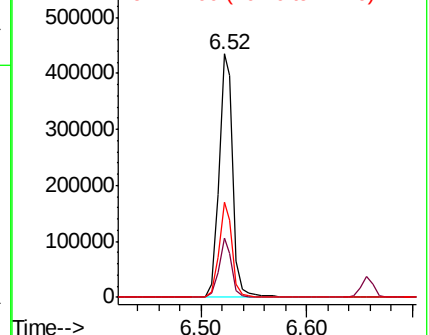
99 100

42 24.2 17.9 26.9

71 39.1 28.7 43.1



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: 2.066 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111923.D

Acq: 8 Jan 2019 22:33

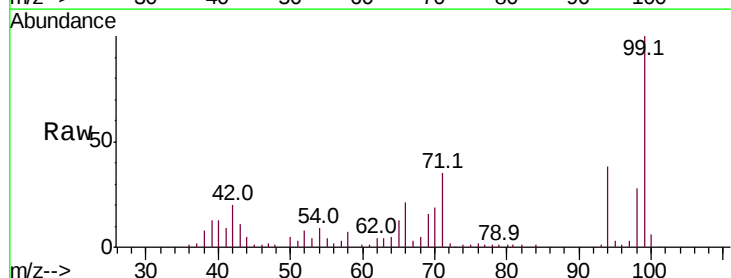
Tgt Ion: 94 Resp: 20488

Ion Ratio Lower Upper

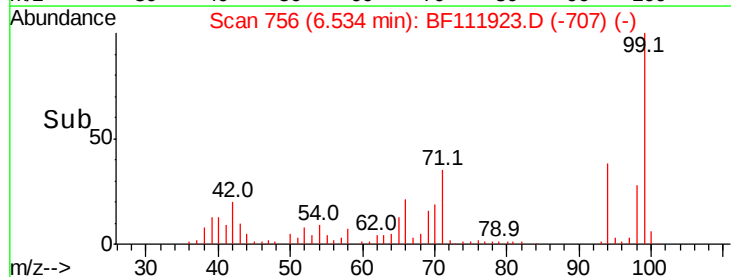
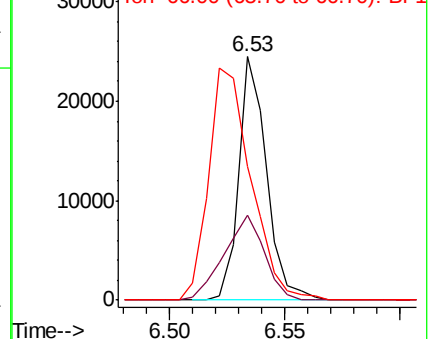
94 100

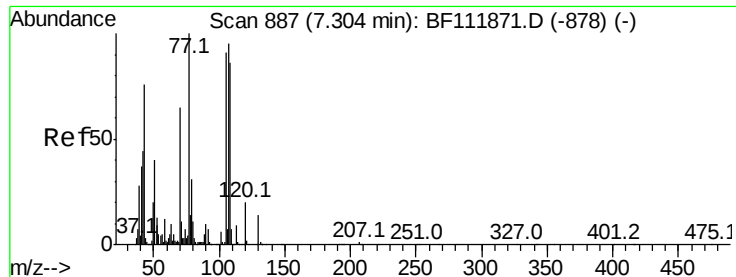
65 34.8 22.8 62.8

66 55.1 43.3 83.3



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

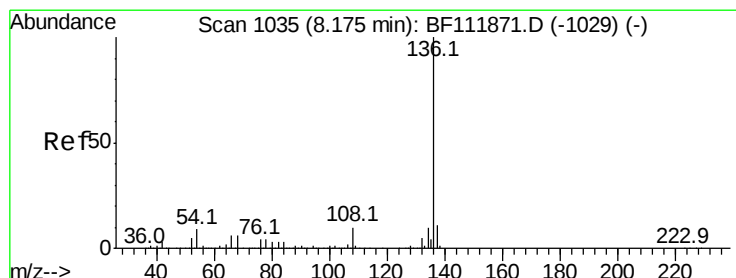
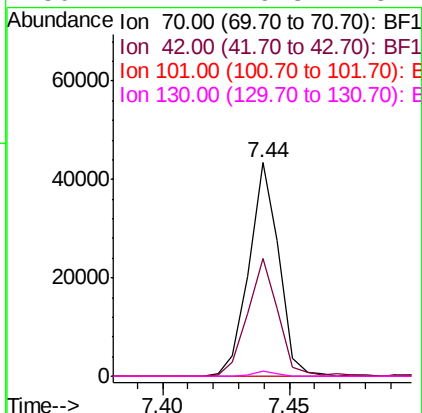
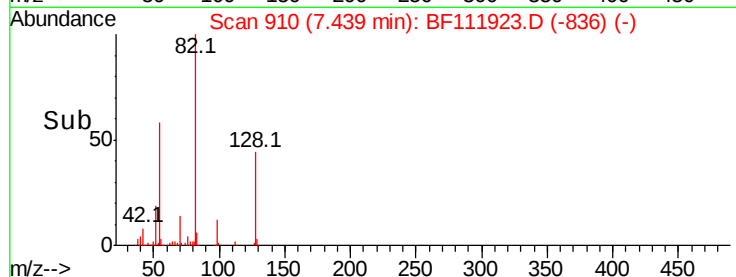
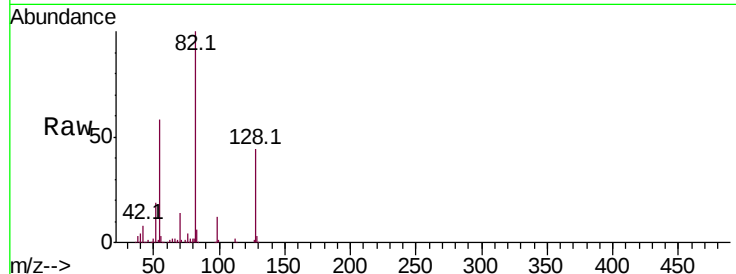




#19
n-Nitroso-di-n-propylamine
Concen: 6.024 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111923.D
Acq: 8 Jan 2019 22:33

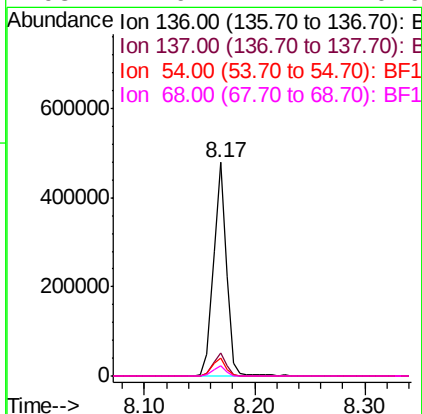
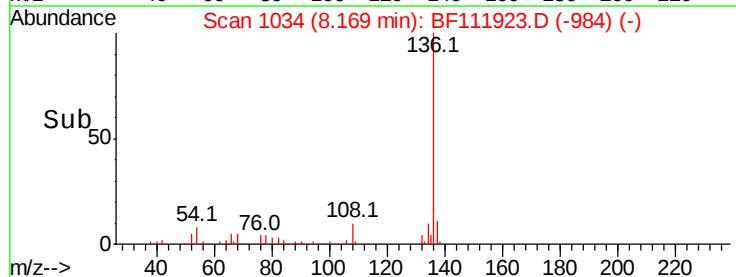
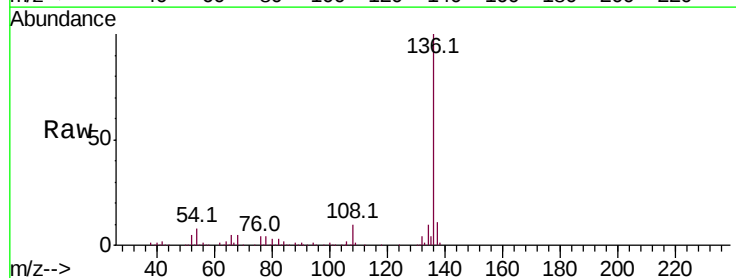
Instrument :
BNA_F
ClientSampleId :

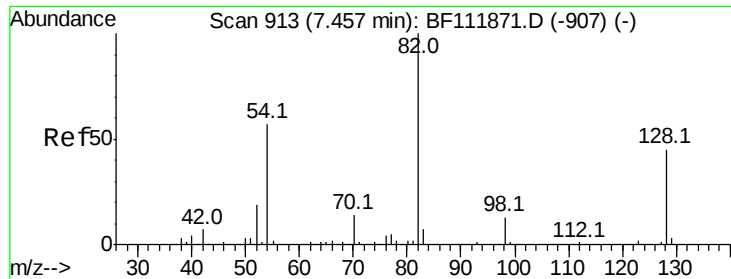
Tot Ion: 70 Resp: 35711
Ion Ratio Lower Upper
70 100
42 55.2 53.6 80.4
101 0.0 7.3 10.9#
130 2.2 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111923.D
Acq: 8 Jan 2019 22:33

Tgt Ion:136 Resp: 384415
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.2 7.2 10.8
68 4.9 4.4 6.6

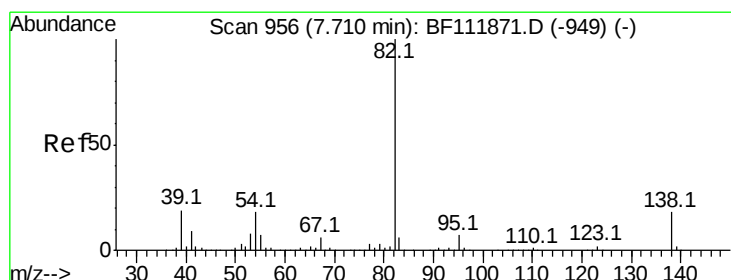
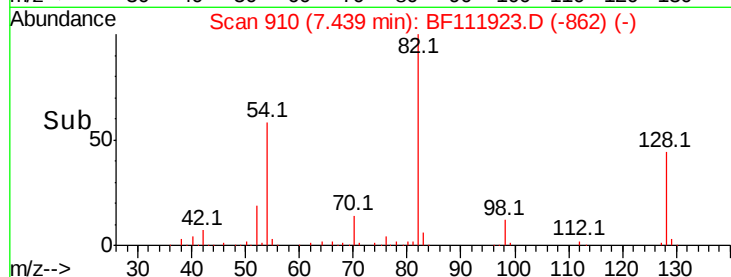
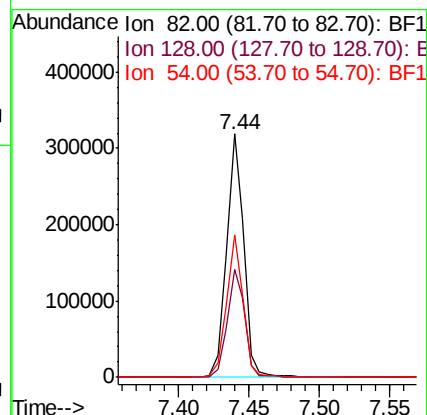
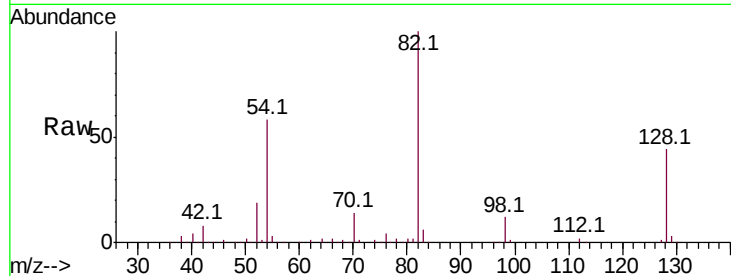




#23
 Nitrobenzene-d5
 Concen: 37.383 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

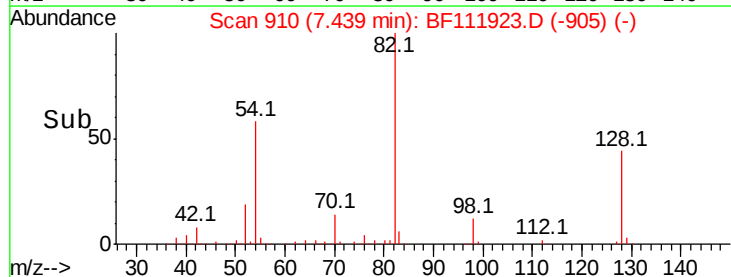
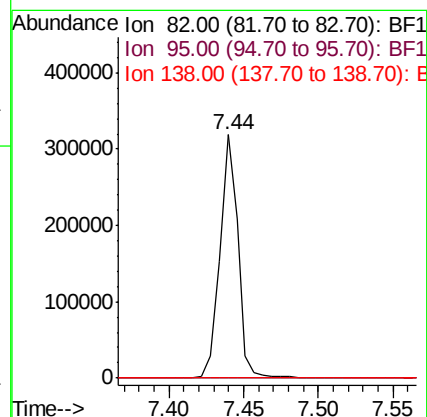
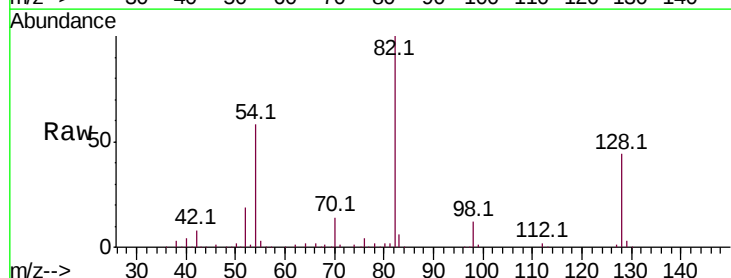
Instrument :
 BNA_F
 ClientSampled :

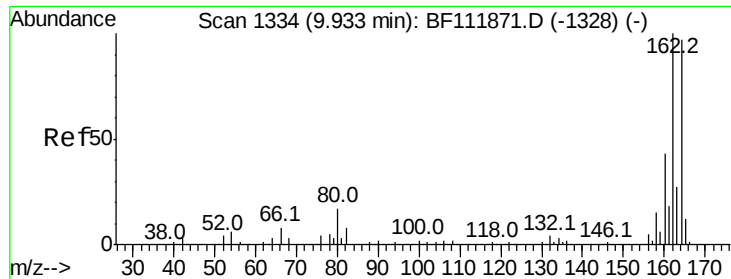
Tot Ion: 82 Resp: 268881
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.7 53.5
 54 58.3 45.8 68.8



#25
 Isophorone
 Concen: 23.085 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Tgt Ion: 82 Resp: 268879
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.4 21.6#

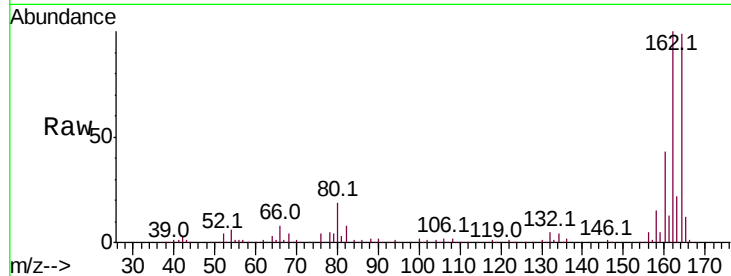




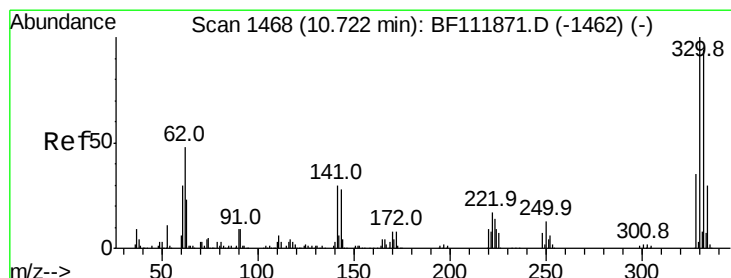
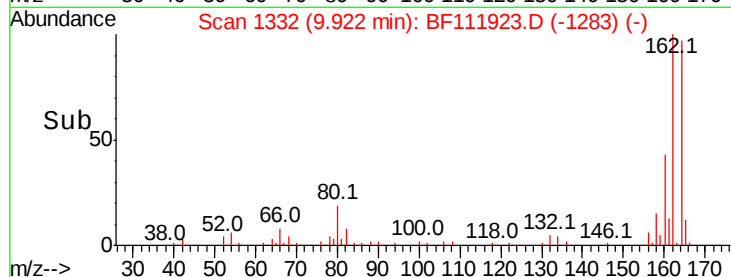
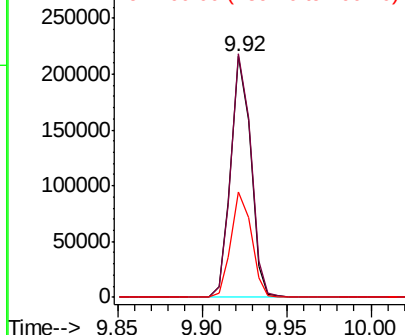
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 177710
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.2 123.2
 160 43.7 35.5 53.3

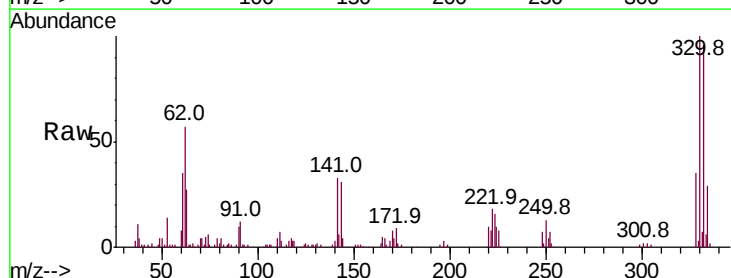


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

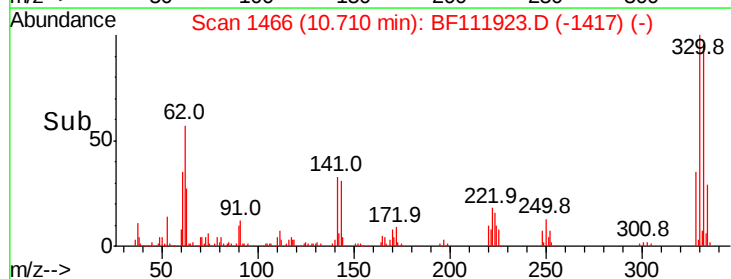
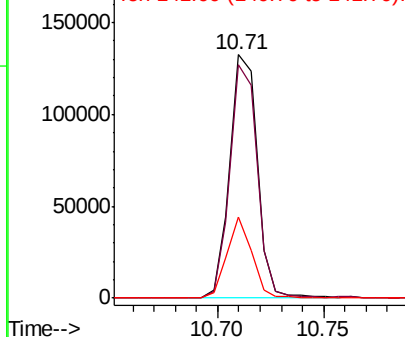


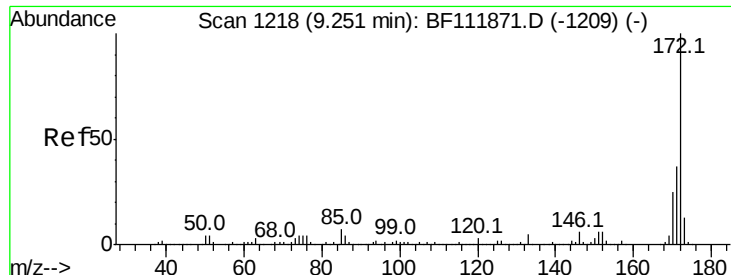
#42
 2,4,6-Tribromophenol
 Concen: 51.966 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Tgt Ion:330 Resp: 120118
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 29.9 23.7 35.5



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

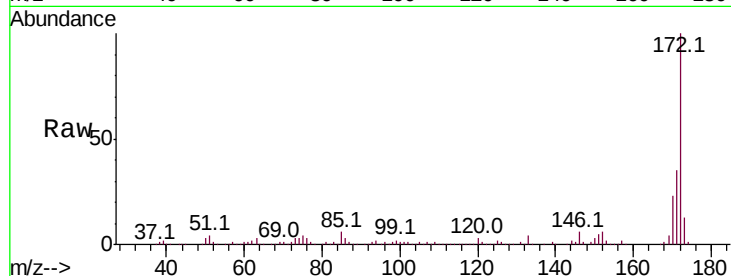




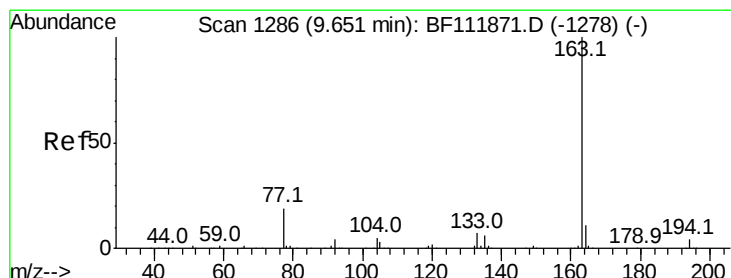
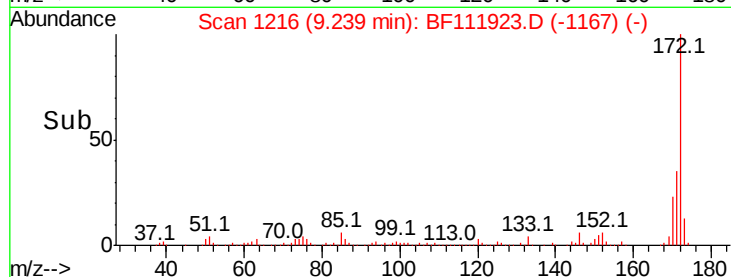
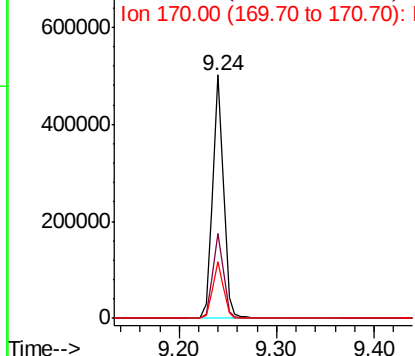
#45
 2-Fluorobiphenyl
 Concen: 32.291 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 393524
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.1 19.8 29.8

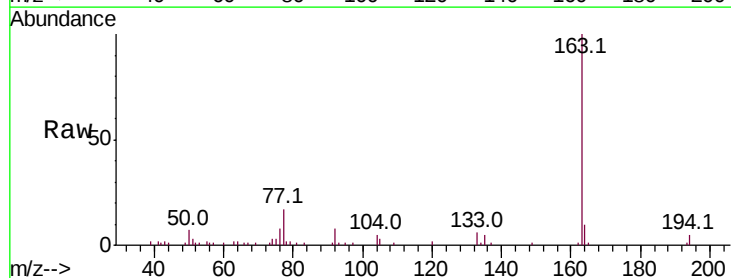


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

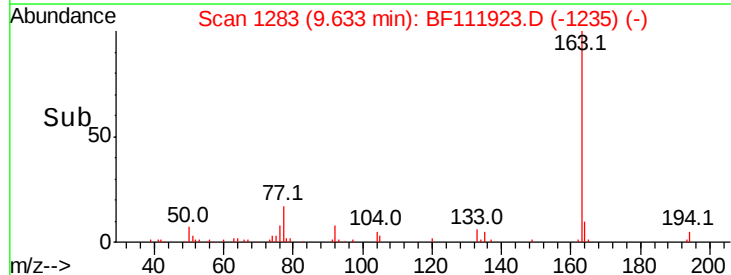
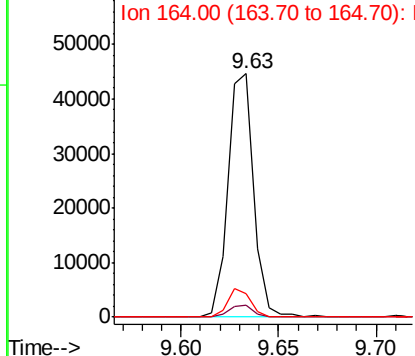


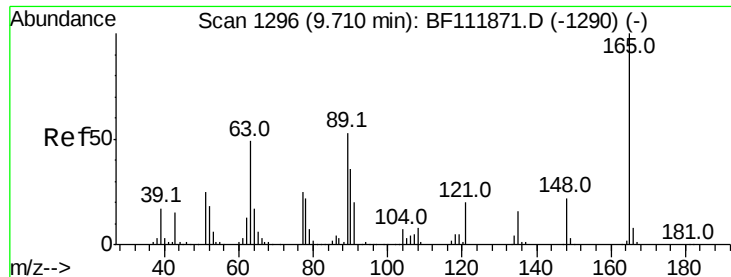
#50
 Dimethylphthalate
 Concen: 3.046 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Tgt Ion:163 Resp: 40667
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.4 5.2
 164 9.8 8.5 12.7



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

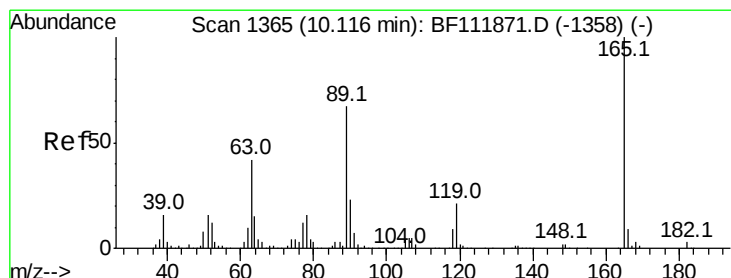
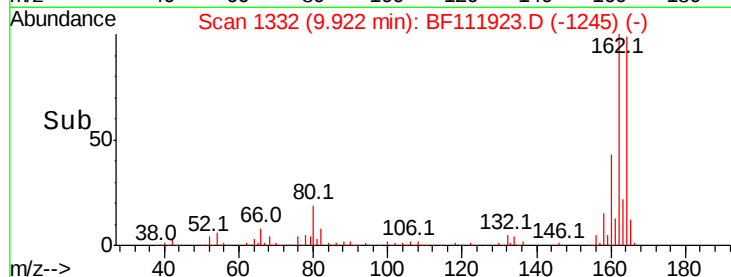
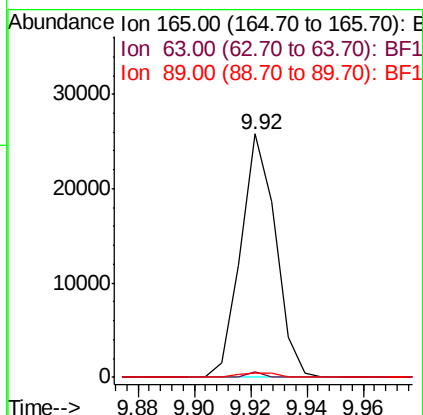
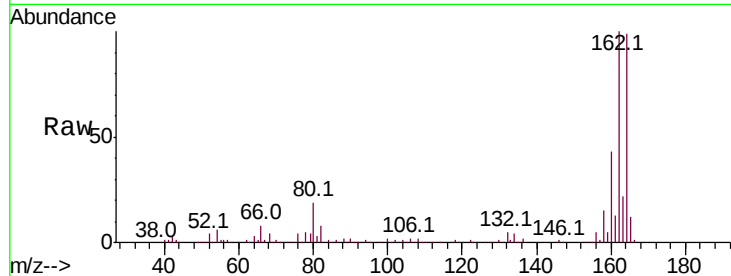




#51
 2,6-Dinitrotoluene
 Concen: 7.405 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.21 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

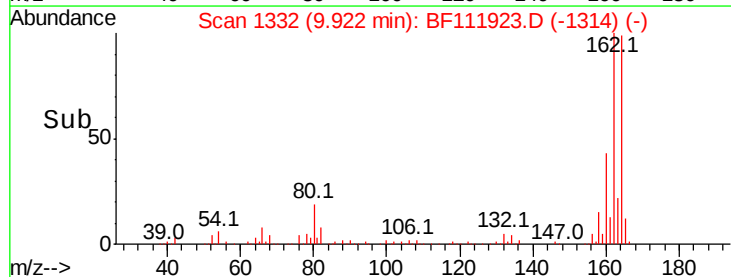
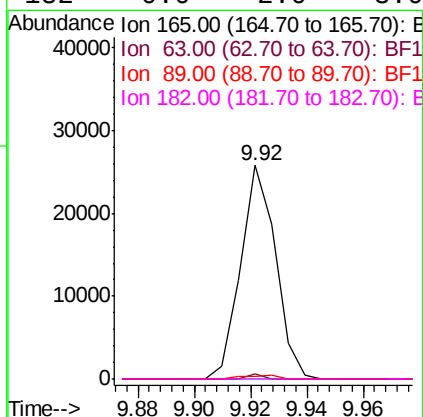
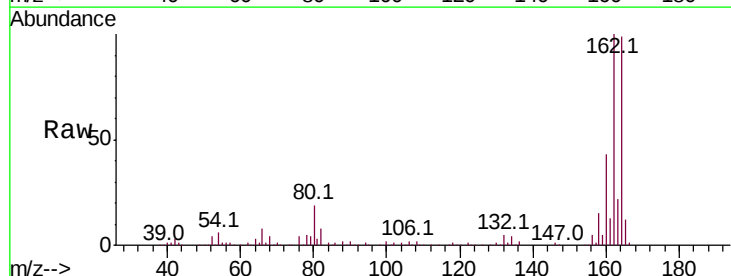
Instrument :
 BNA_F
 ClientSampleId :

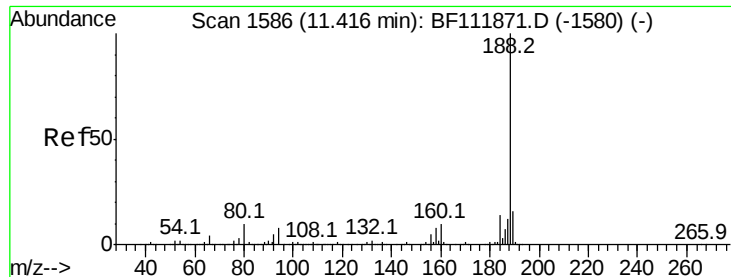
Tot Ion:	165	Resp:	22105
Ion Ratio	Lower	Upper	
165	100		
63	2.4	46.2	69.2#
89	1.5	42.2	63.2#



#57
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Tgt Ion:	165	Resp:	22105
Ion Ratio	Lower	Upper	
165	100		
63	2.4	34.1	51.1#
89	1.5	53.5	80.3#
182	0.0	2.0	3.0#

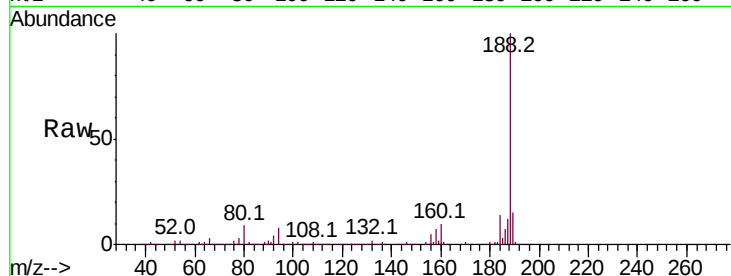




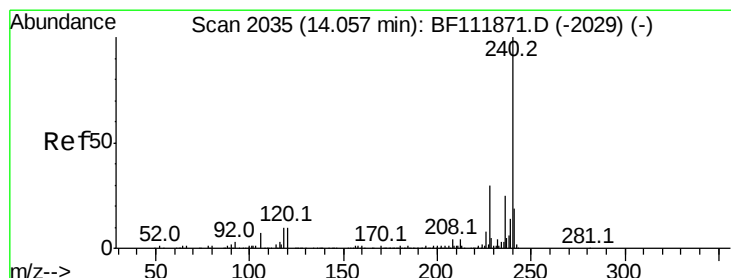
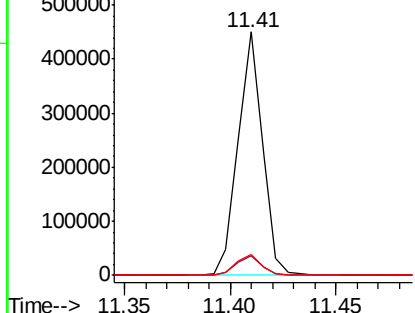
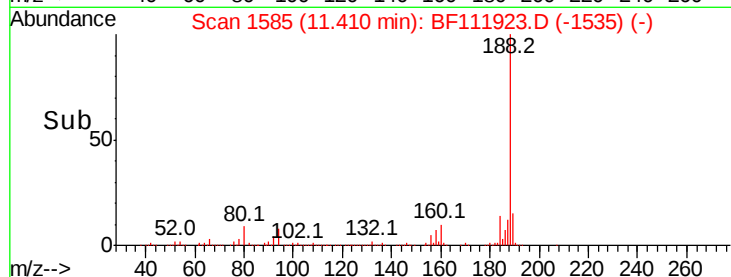
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111923.D
Acq: 8 Jan 2019 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 359327
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 8.6 7.7 11.5

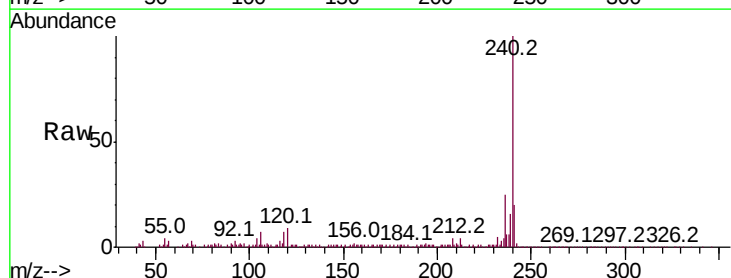


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

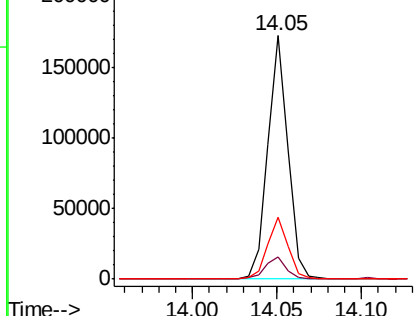
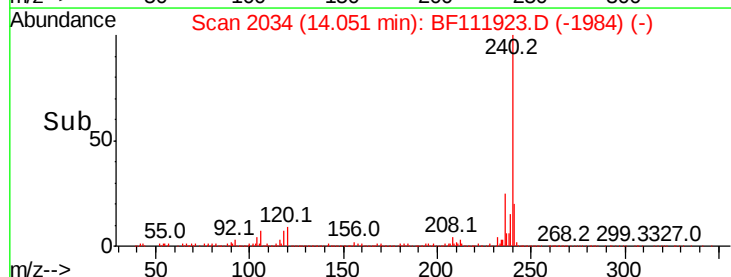


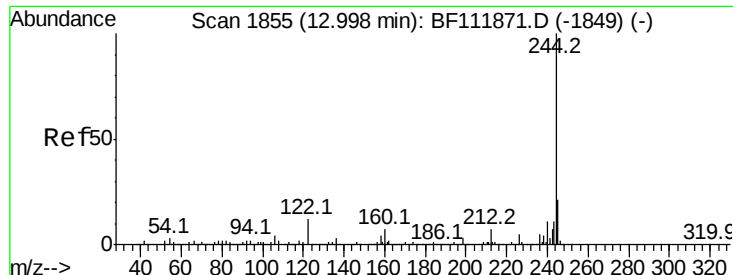
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111923.D
Acq: 8 Jan 2019 22:33

Tgt Ion:240 Resp: 141788
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 25.2 20.2 30.4



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

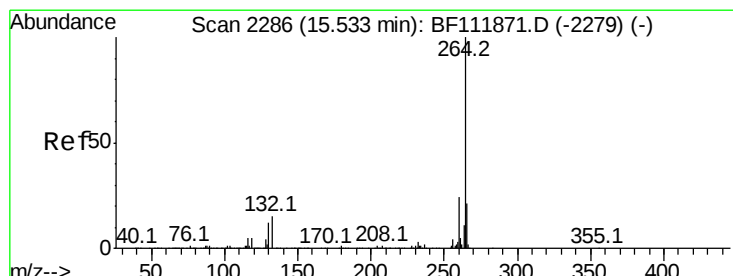
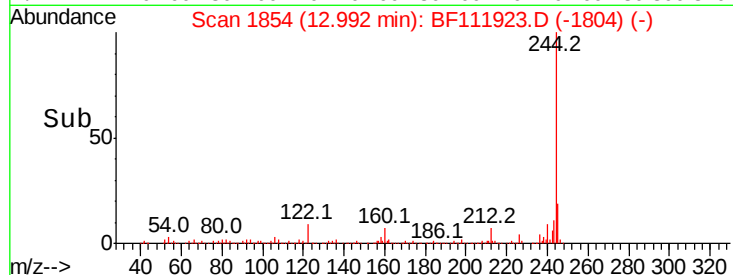
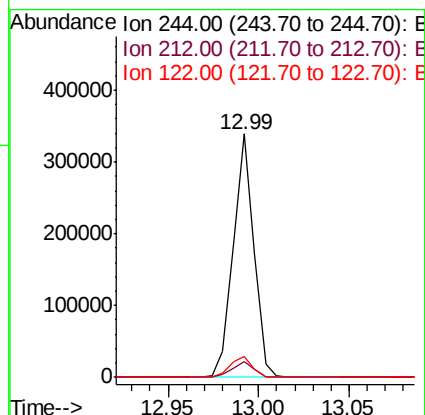
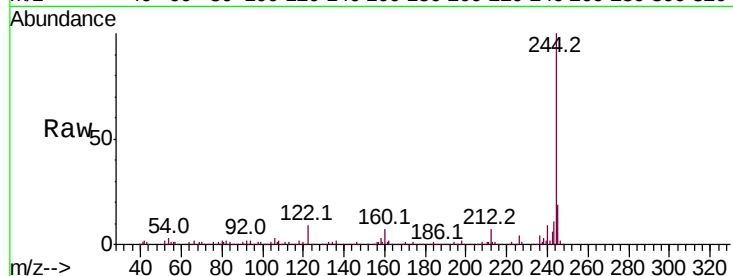




#79
 Terphenyl-d14
 Concen: 36.115 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	8.5	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111923.D
 Acq: 8 Jan 2019 22:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.8	17.1	25.7

