

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111892.D
 Acq On : 7 Jan 2019 22:25
 Operator : JU/SJ
 Sample : K1034-04 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 04:06:54 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

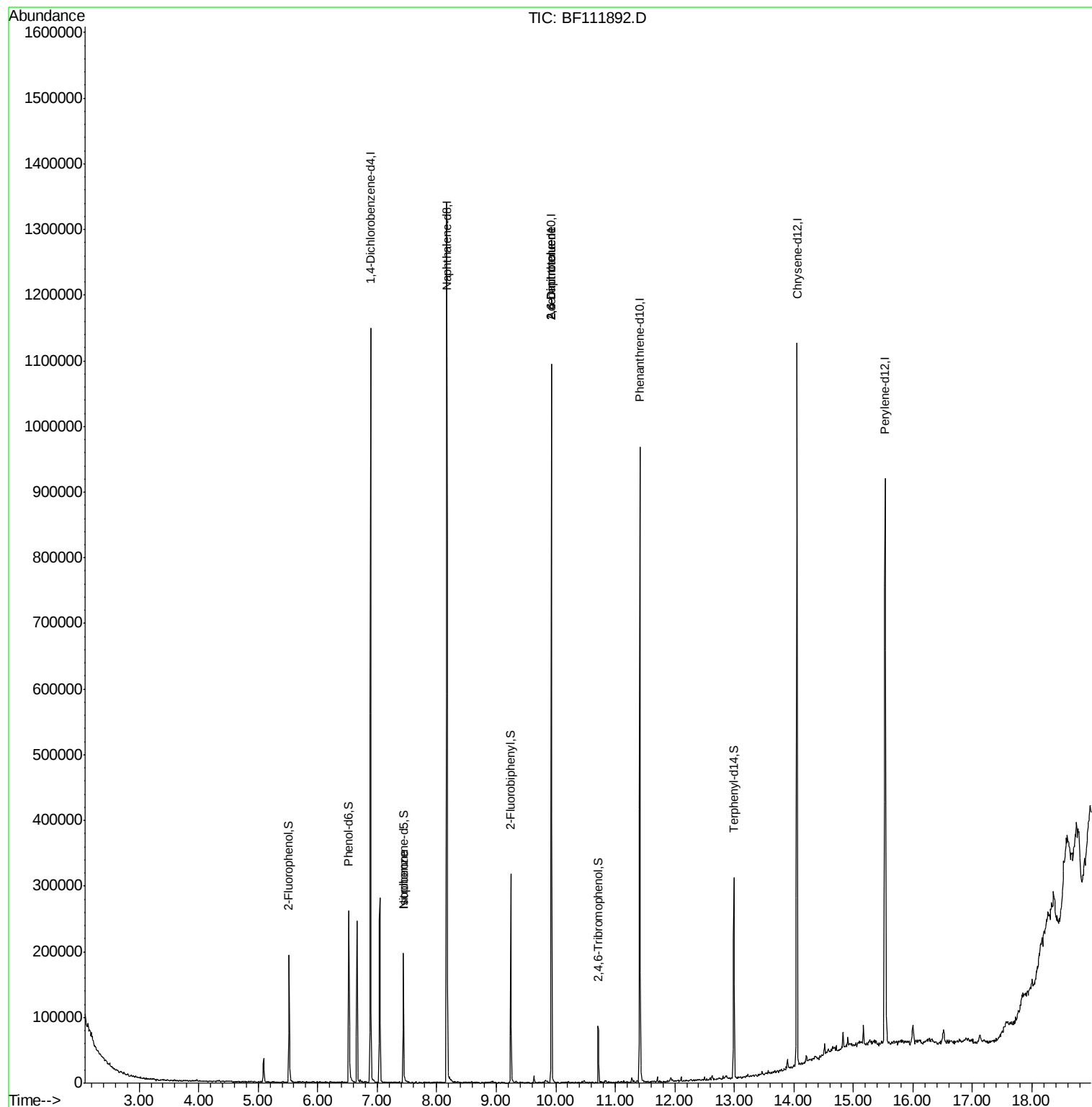
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151178	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	550631	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	216308	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	342668	20.00	ng	0.00
76) Chrysene-d12	14.05	240	371715	20.00	ng	0.00
87) Perylene-d12	15.53	264	400704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	55602	6.29	ng	0.00
7) Phenol-d6	6.52	99	90297	7.93	ng	-0.01
23) Nitrobenzene-d5	7.44	82	57474	5.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	12383	4.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	108776	7.33	ng	0.00
79) Terphenyl-d14	12.99	244	101431	5.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	1539	Below Cal	Qvalue # 74	
25) Isophorone	7.44	82	57473	3.445 ng	# 65	
51) 2,6-Dinitrotoluene	9.93	165	26668	7.339 ng	# 25	
57) 2,4-Dinitrotoluene	9.93	165	26668	5.680 ng	# 25	

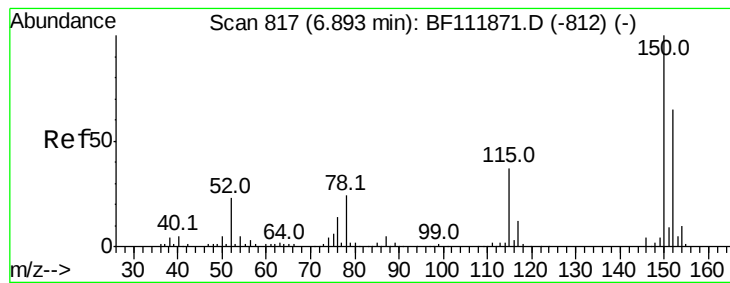
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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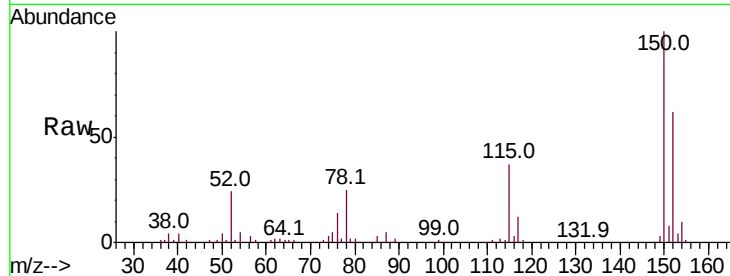


#1

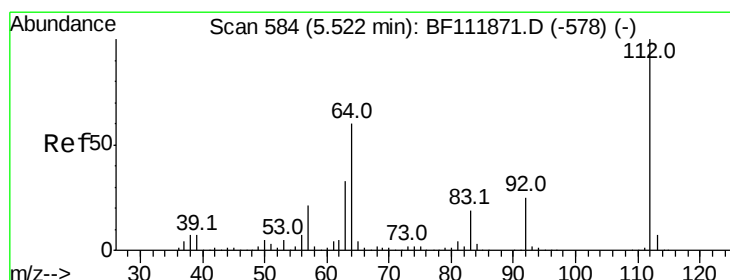
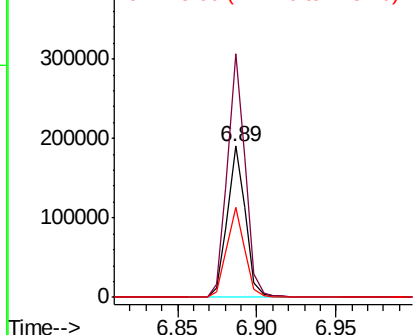
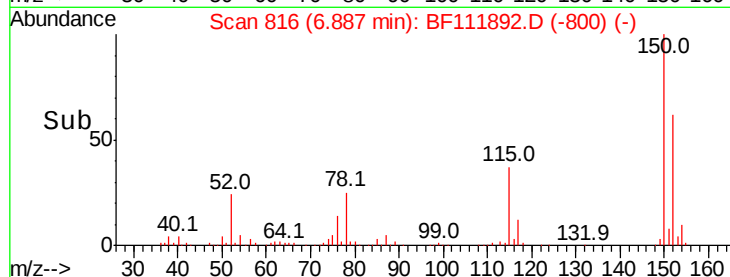
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151178
Ion Ratio Lower Upper
152 100
150 161.3 122.7 184.1
115 59.7 45.2 67.8



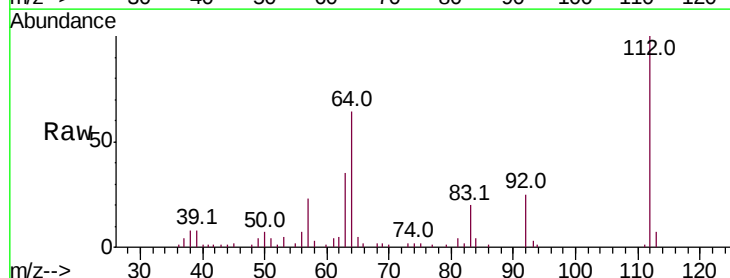
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



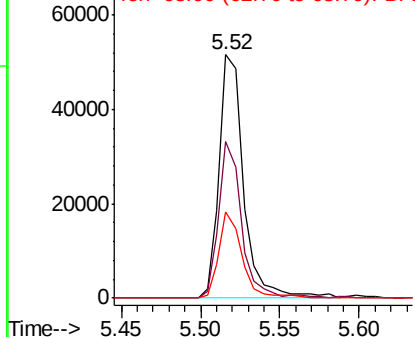
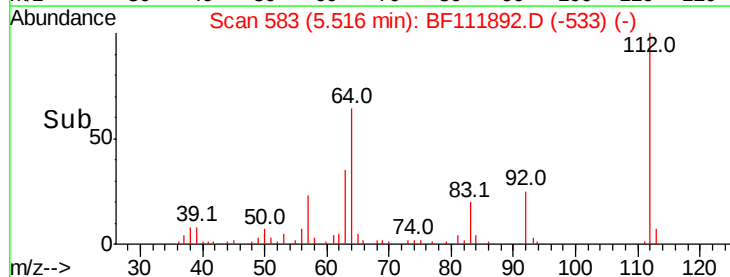
#5

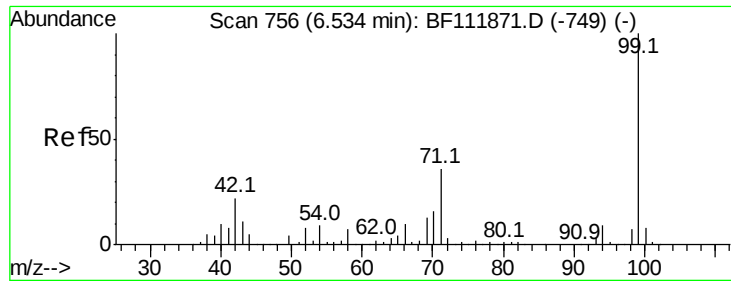
2-Fluorophenol
Concen: 6.292 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Tgt Ion:112 Resp: 55602
Ion Ratio Lower Upper
112 100
64 64.2 48.3 72.5
63 35.2 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: 7.928 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111892.D

Acq: 7 Jan 2019 22:25

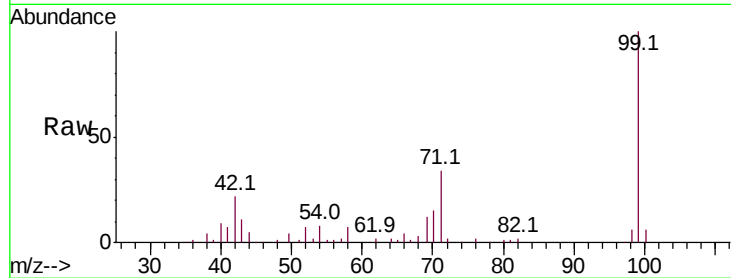
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 90297

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	34.2	28.7	43.1

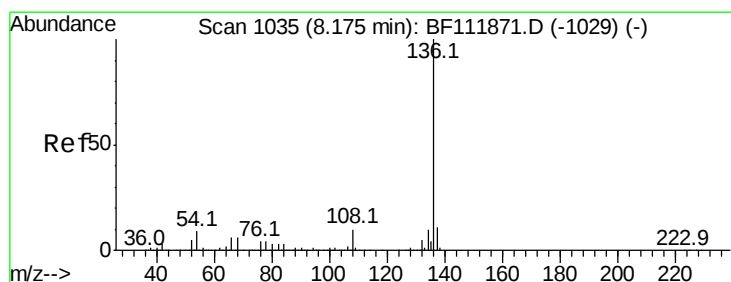
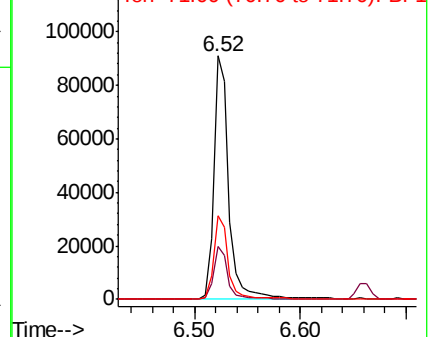
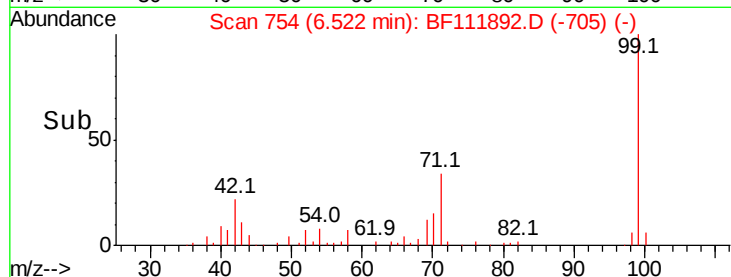


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

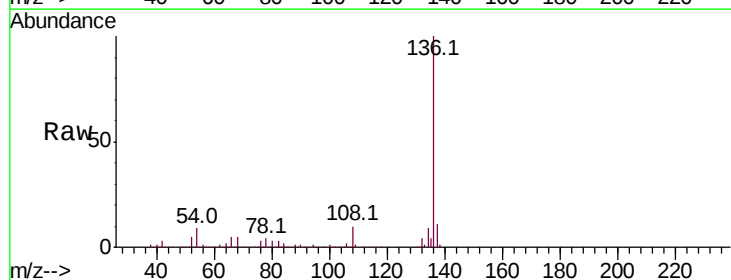
Delta R.T. -0.01 min

Lab File: BF111892.D

Acq: 7 Jan 2019 22:25

Tgt Ion: 136 Resp: 550631

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.5	7.2	10.8
68	5.3	4.4	6.6



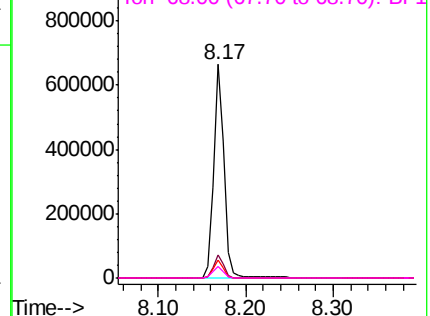
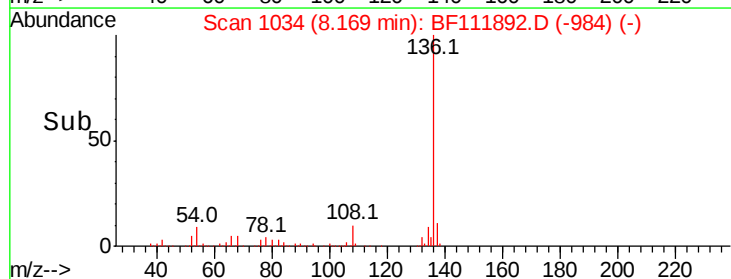
Abundance

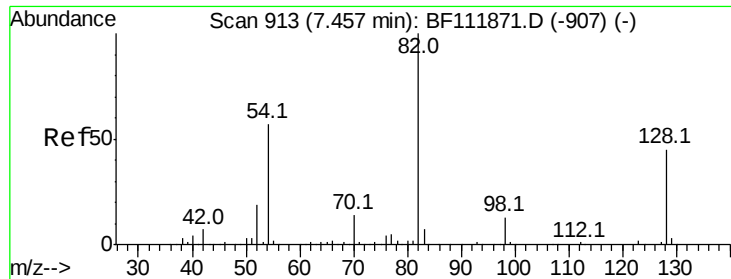
Ion 136.00 (135.70 to 136.70): E

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

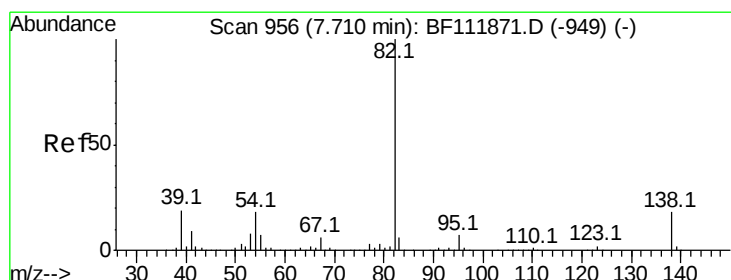
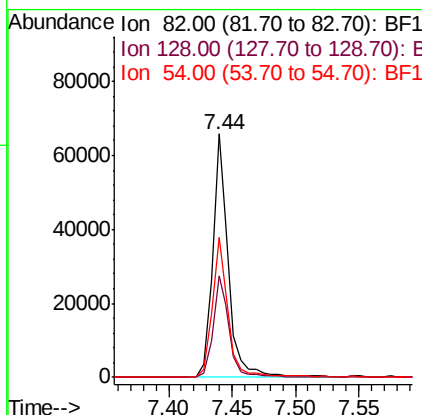
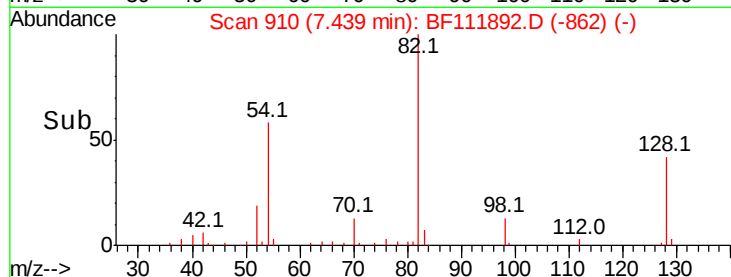
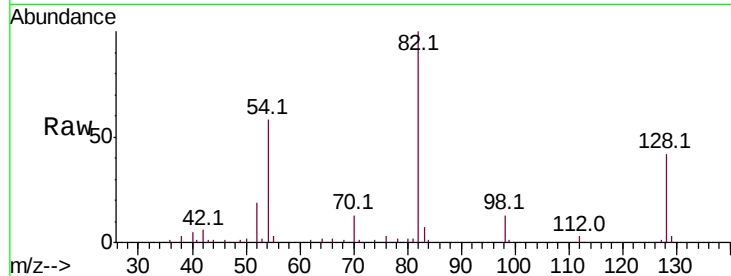




#23
Nitrobenzene-d5
Concen: 5.579 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

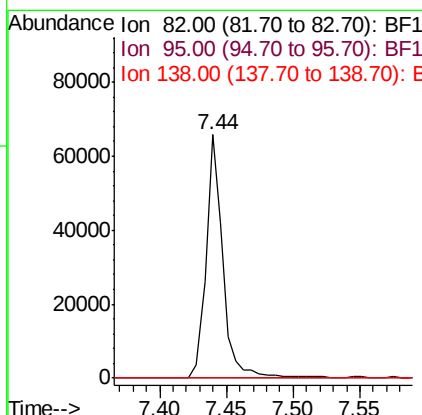
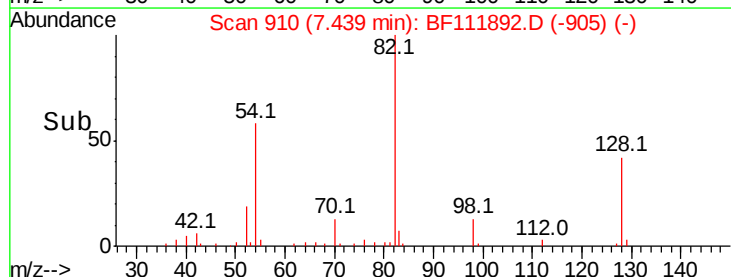
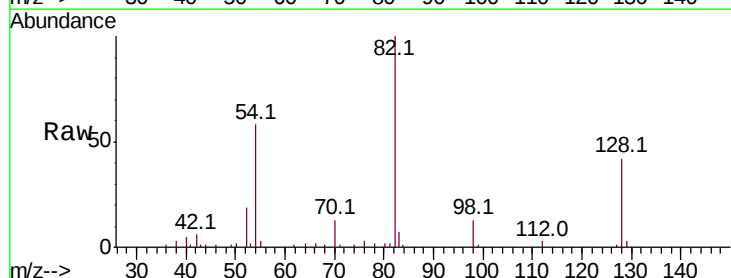
Instrument :
BNA_F
ClientSampleId :

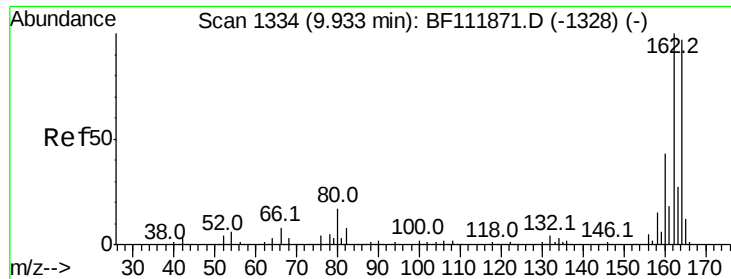
Tot Ion: 82 Resp: 57474
Ion Ratio Lower Upper
82 100
128 41.9 35.7 53.5
54 57.5 45.8 68.8



#25
Isophorone
Concen: 3.445 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Tgt Ion: 82 Resp: 57473
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#

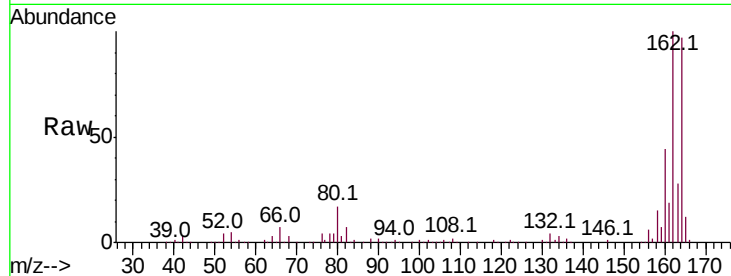




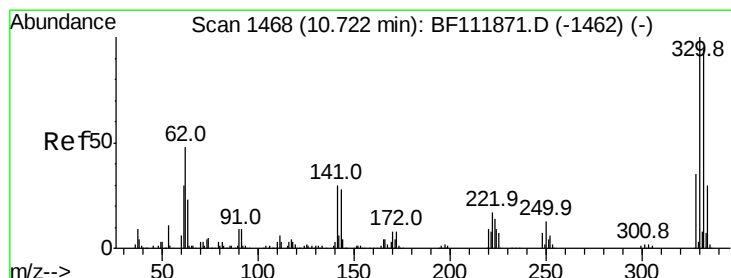
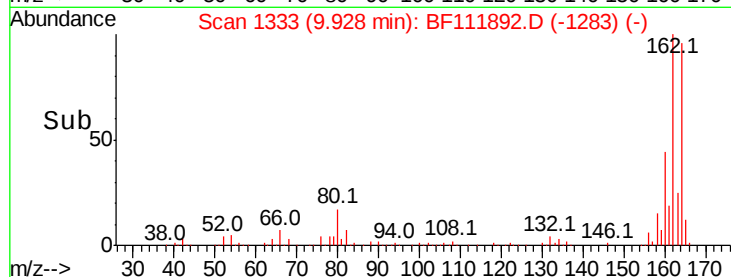
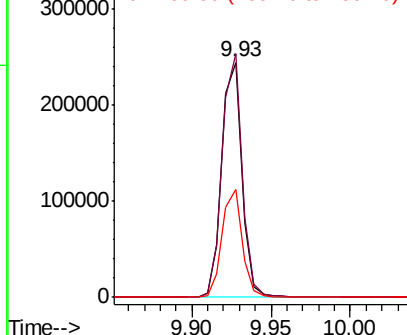
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 216308
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 45.9 35.5 53.3

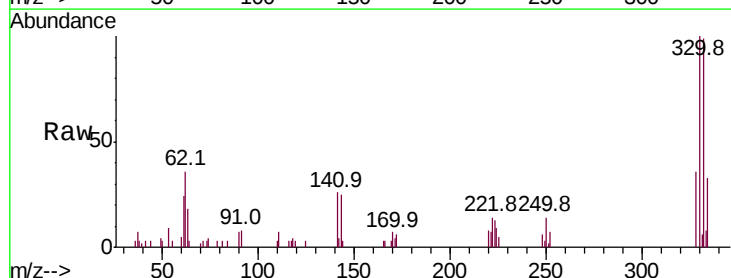


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

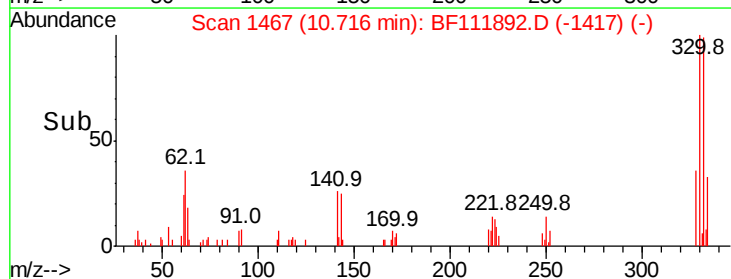
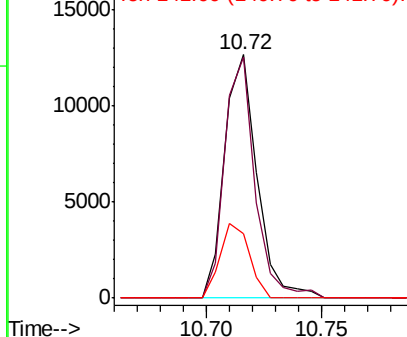


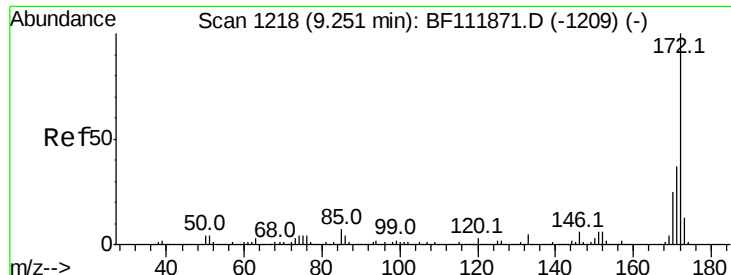
#42
2,4,6-Tribromophenol
Concen: 4.401 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Tgt Ion:330 Resp: 12383
Ion Ratio Lower Upper
330 100
332 92.7 76.9 115.3
141 27.6 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

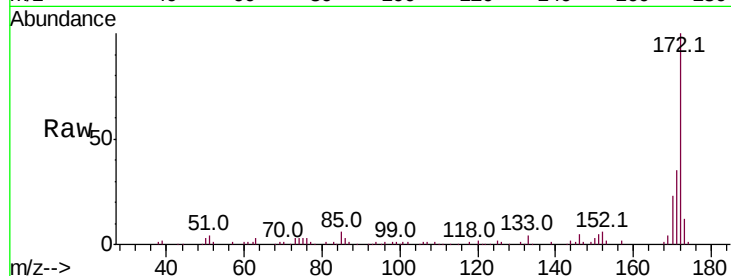




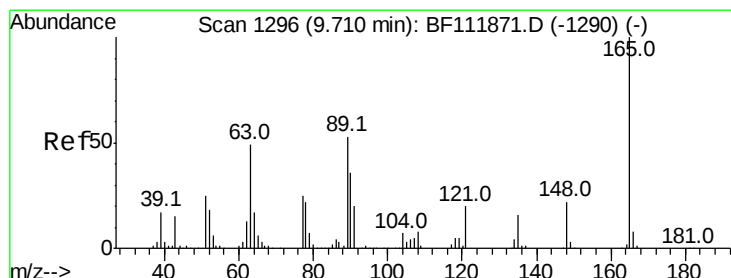
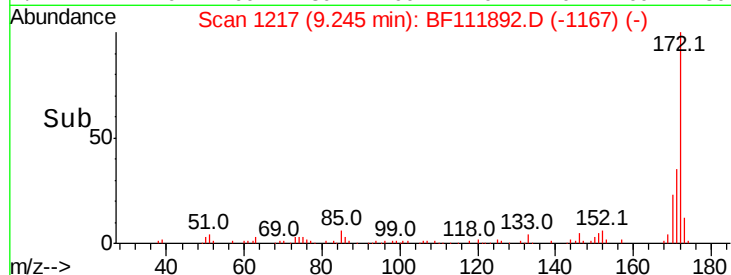
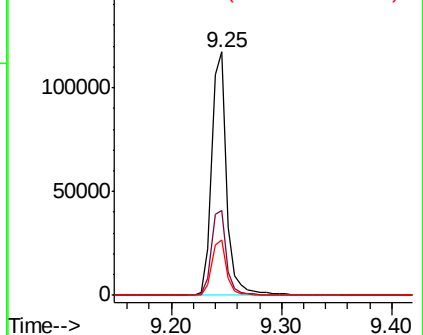
#45
 2-Fluorobiphenyl
 Concen: 7.333 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.0	19.8	29.8

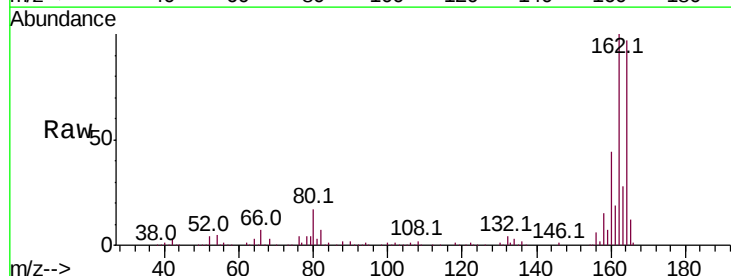


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

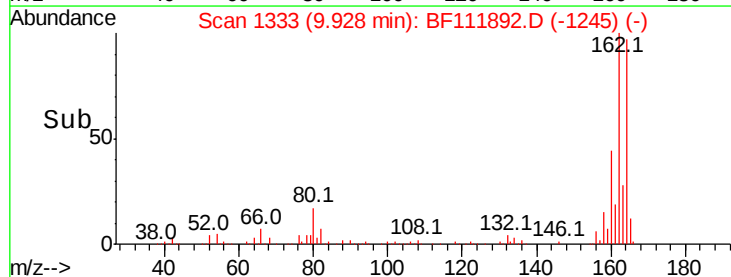
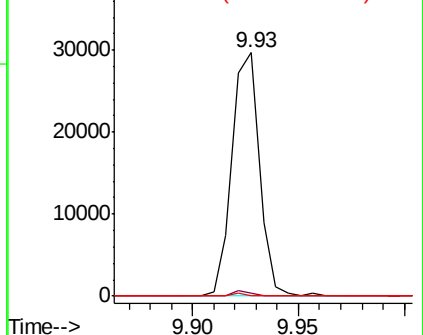


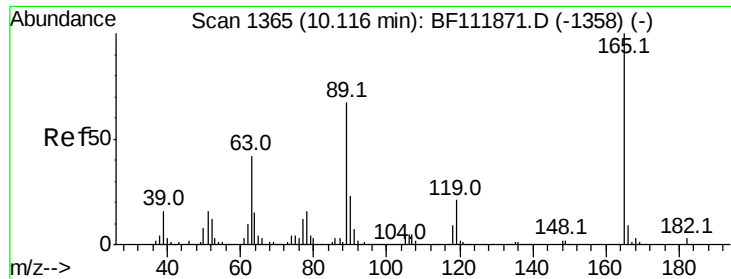
#51
 2,6-Dinitrotoluene
 Concen: 7.339 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.2	69.2#
89	0.0	42.2	63.2#



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

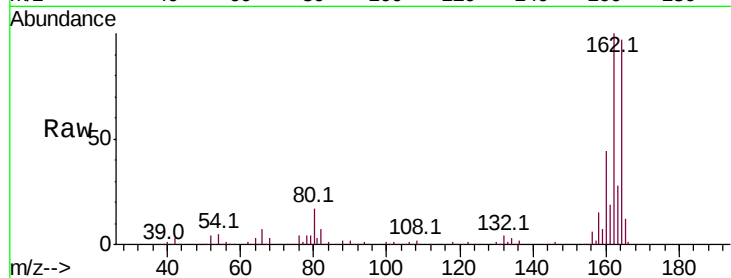




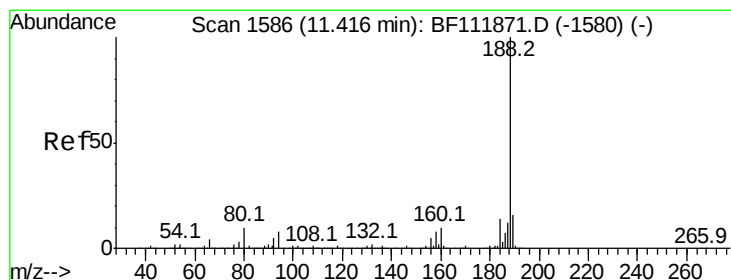
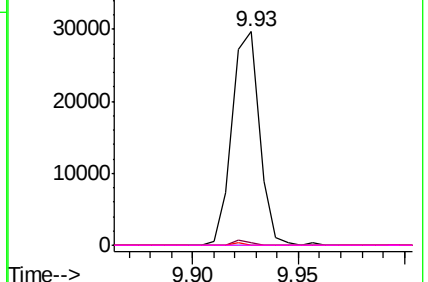
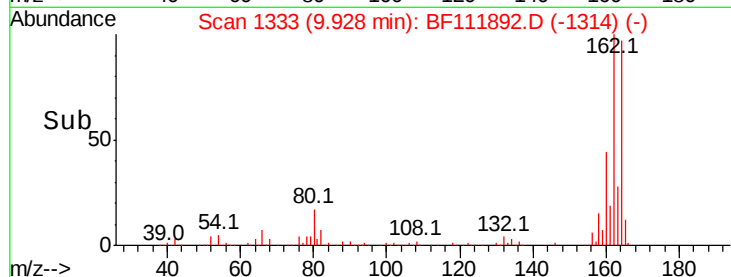
#57
 2,4-Dinitrotoluene
 Concen: 5.680 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 26668
 Ion Ratio Lower Upper
 165 100
 63 1.3 34.1 51.1#
 89 0.0 53.5 80.3#
 182 0.0 2.0 3.0#

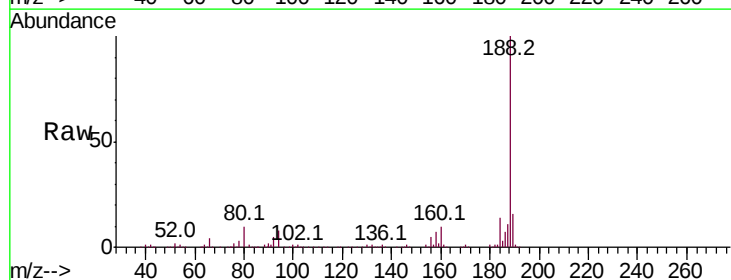


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

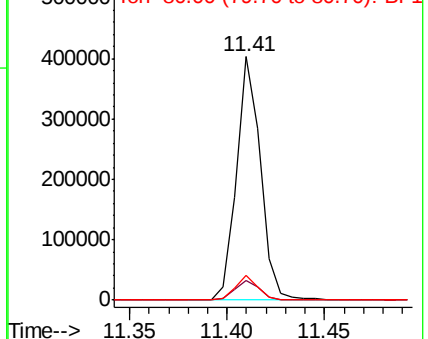
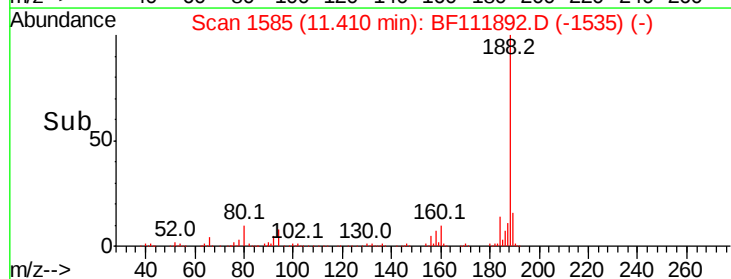


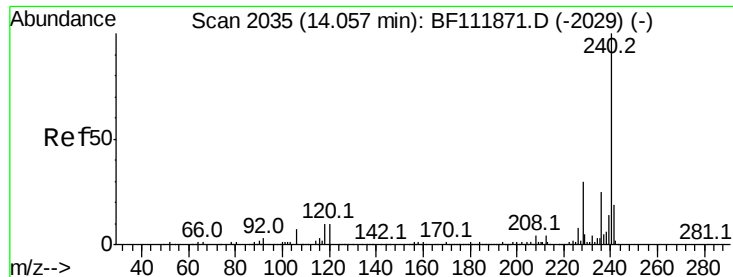
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Tgt Ion:188 Resp: 342668
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.6 10.0
 80 9.9 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

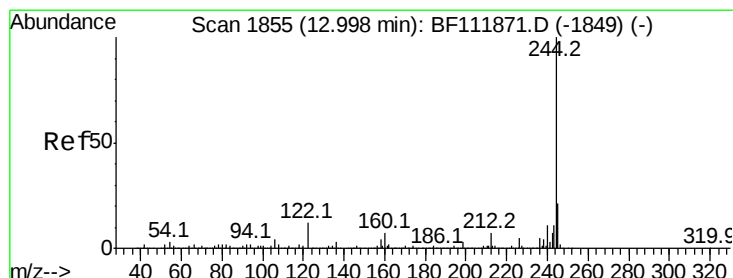
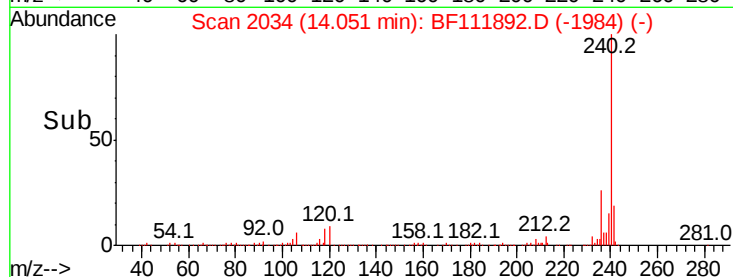
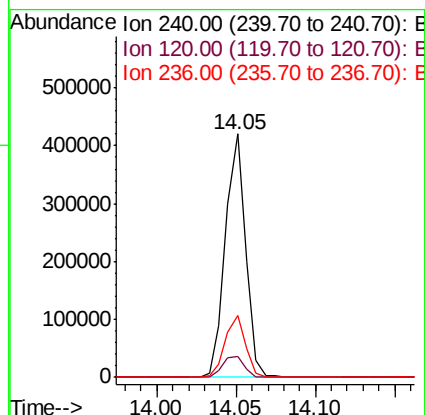
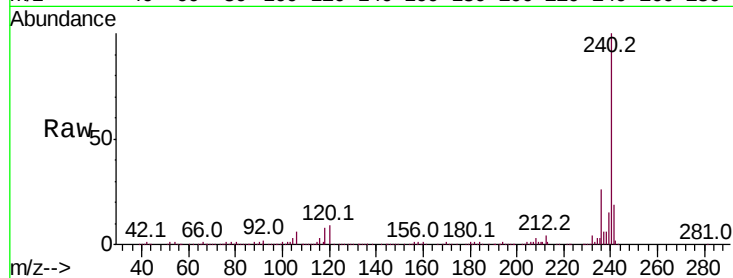




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

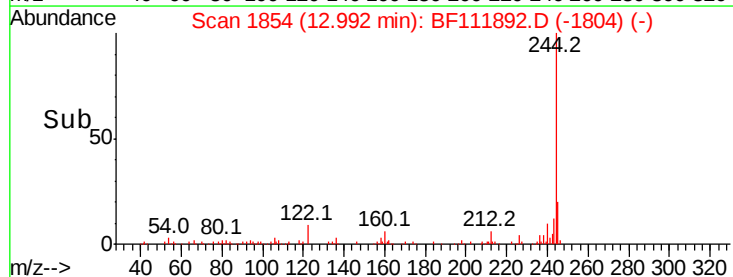
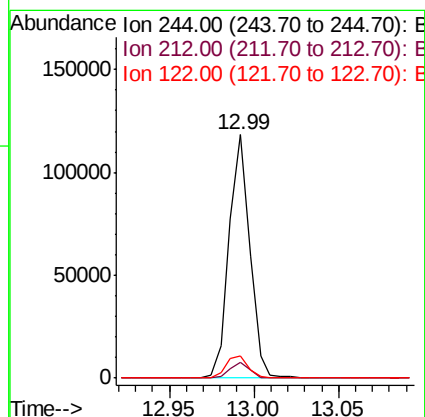
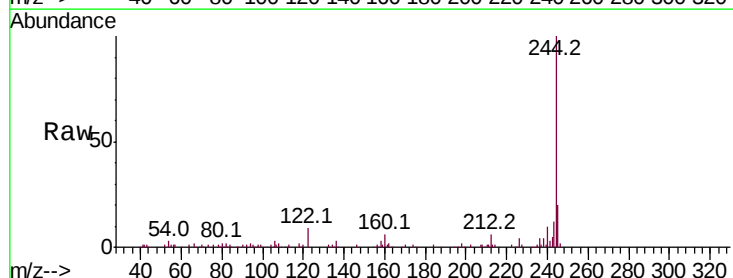
Instrument :
 BNA_F
 ClientSampleId :

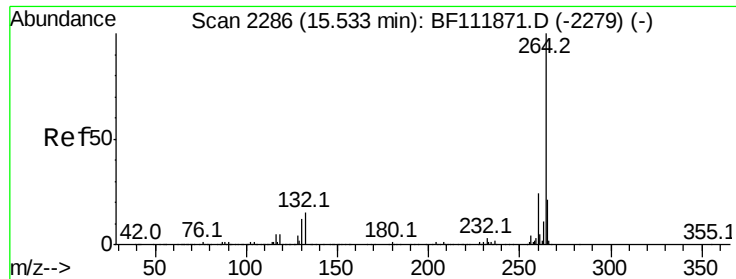
Tot Ion:240 Resp: 371715
 Ion Ratio Lower Upper
 240 100
 120 8.8 8.2 12.2
 236 25.5 20.2 30.4



#79
 Terphenyl-d14
 Concen: 5.180 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Tgt Ion:244 Resp: 101431
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.8 8.8
 122 9.3 9.5 14.3#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.1	25.7

