

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111366.D
 Acq On : 13 Dec 2018 13:07
 Operator : JU/SJ
 Sample : J6312-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 14:51:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

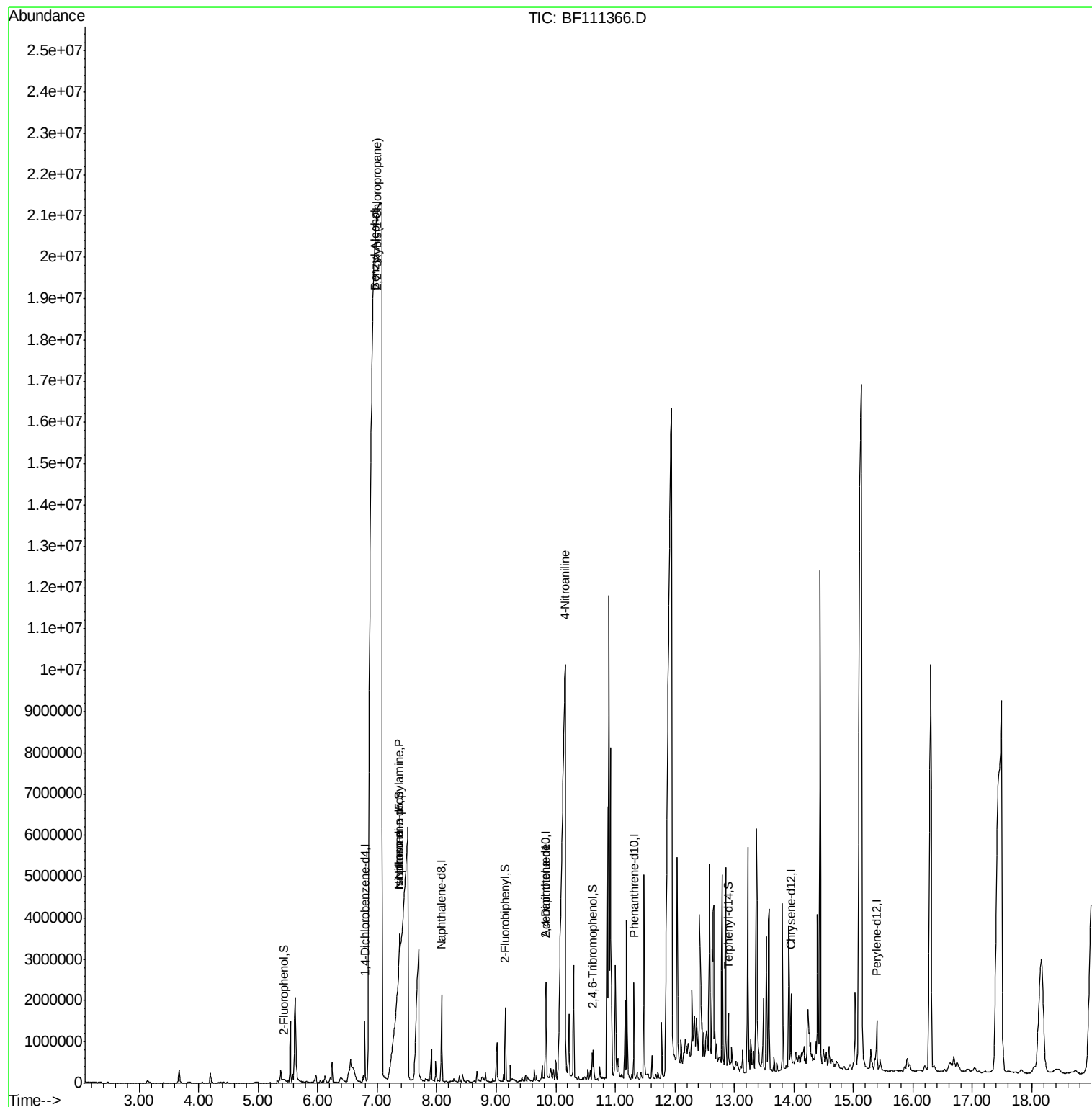
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200716	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	887027	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	440602	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	783246	20.00	ng	0.00
76) Chrysene-d12	13.95	240	504675	20.00	ng	0.00
87) Perylene-d12	15.39	264	503595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	97591	8.22	ng	0.03
7) Phenol-d6	6.43	99	2362	0.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	228100	14.49	ng	0.01
42) 2,4,6-Tribromophenol	10.62	330	65402	16.84	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	488528	17.80	ng	0.00
79) Terphenyl-d14	12.90	244	381534	16.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	407	Below Cal	Qvalue #	1
15) Benzyl Alcohol	6.95	79	76594	6.250 ng	#	31
16) 2,2'-oxybis(1-Chloropropan	6.99	45	820217	29.686 ng	#	91
19) n-Nitroso-di-n-propylamine	7.37	70	422118	39.694 ng	#	49
25) Isophorone	7.37	82	227890	8.525 ng	#	64
57) 2,4-Dinitrotoluene	9.83	165	59436	6.603 ng	#	25
62) 4-Nitroaniline	10.16	138	94945	11.701 ng	#	29

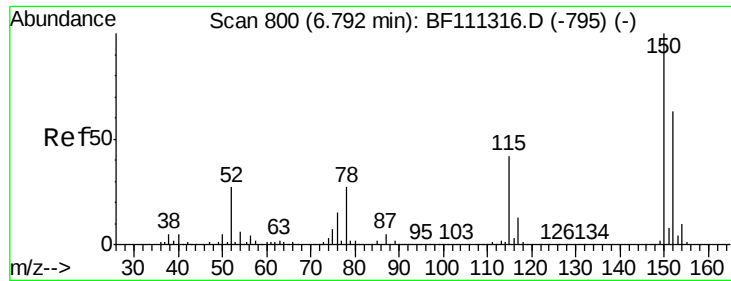
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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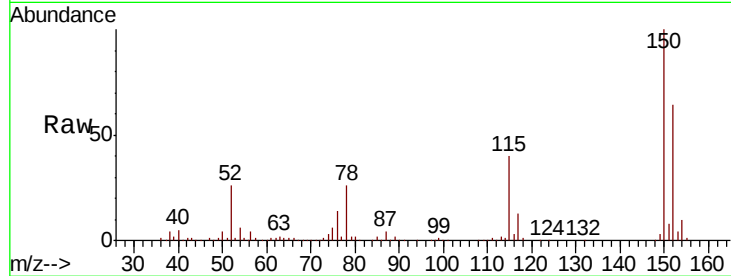


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	63.3	50.7	76.1

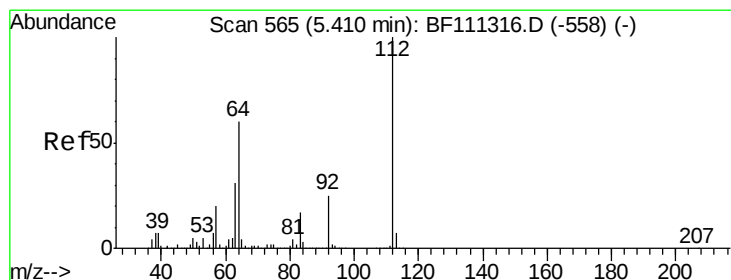
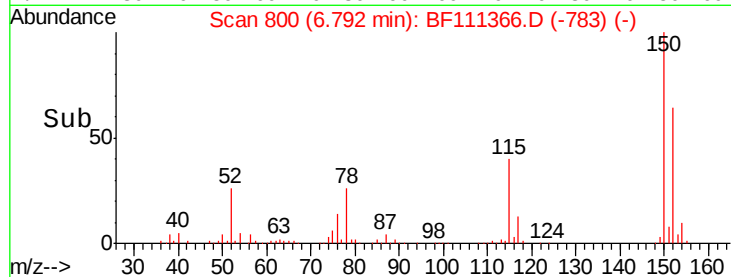
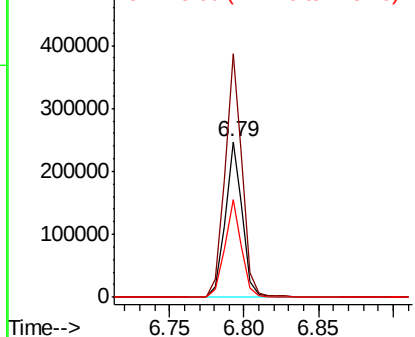


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

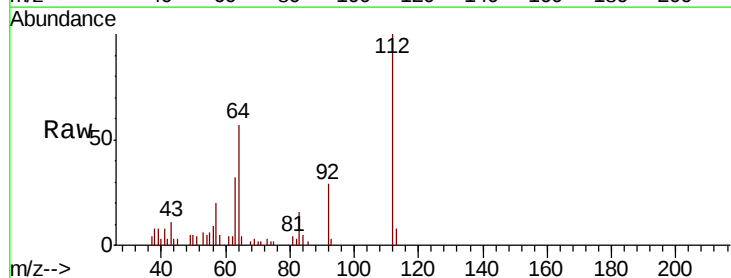
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.222 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.03 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	51.8	77.6
63	31.6	26.8	40.2

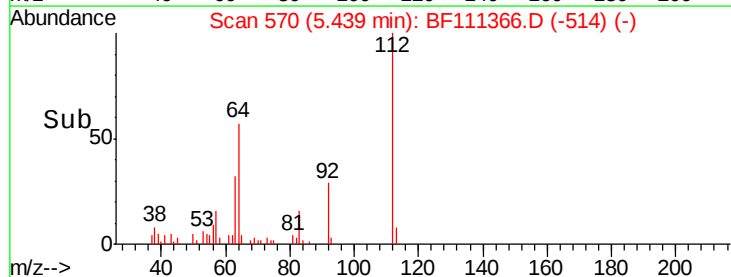
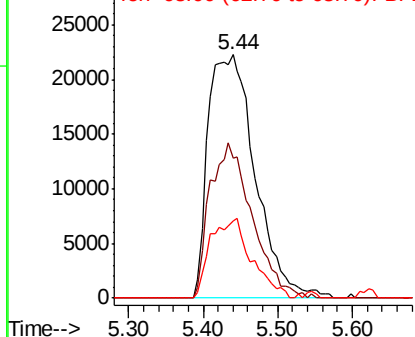


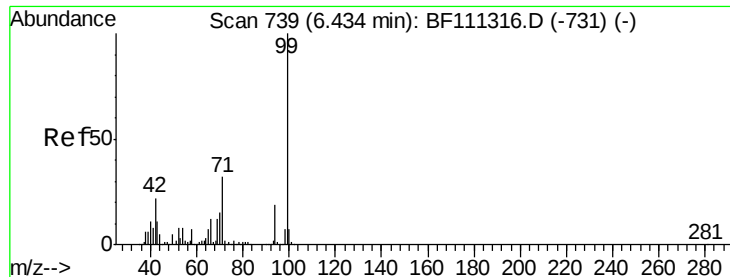
Abundance

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: 0.148 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111366.D

Acq: 13 Dec 2018 13:07

Instrument :

BNA_F

ClientSampleId :

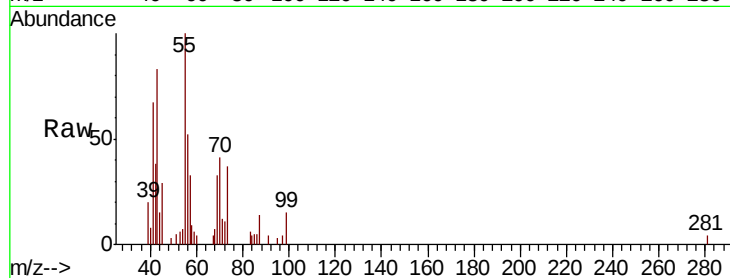
Tot Ion: 99 Resp: 2362

Ion Ratio Lower Upper

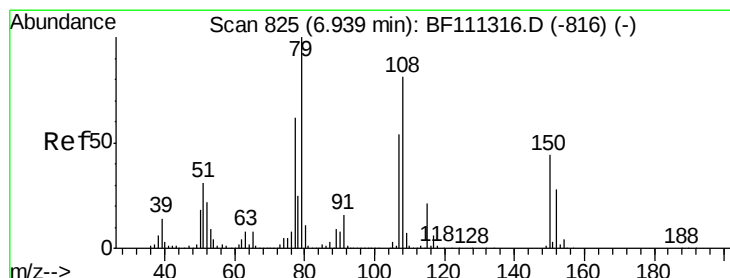
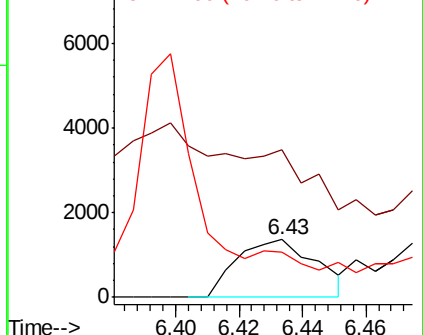
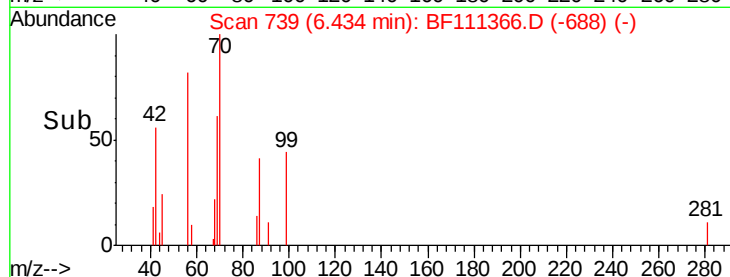
99 100

42 255.3 17.4 26.0#

71 78.6 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 6.250 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111366.D

Acq: 13 Dec 2018 13:07

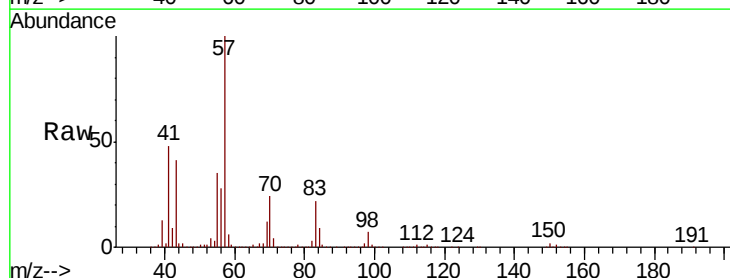
Tgt Ion: 79 Resp: 76594

Ion Ratio Lower Upper

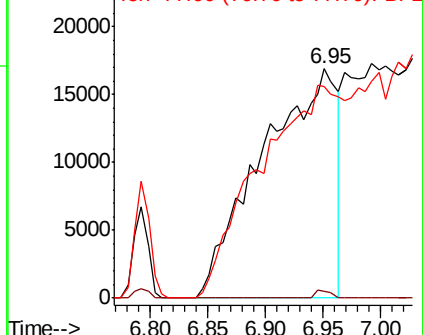
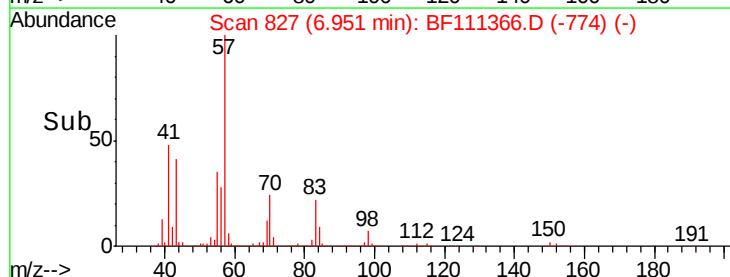
79 100

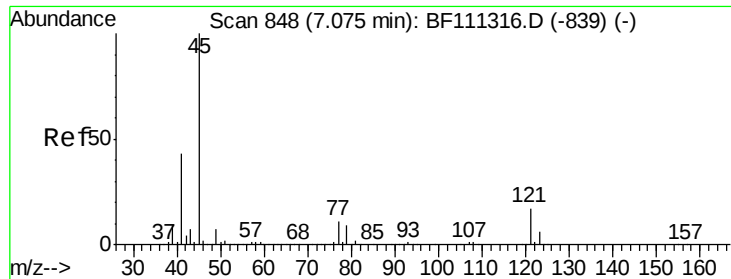
108 2.8 69.4 104.2#

77 92.5 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

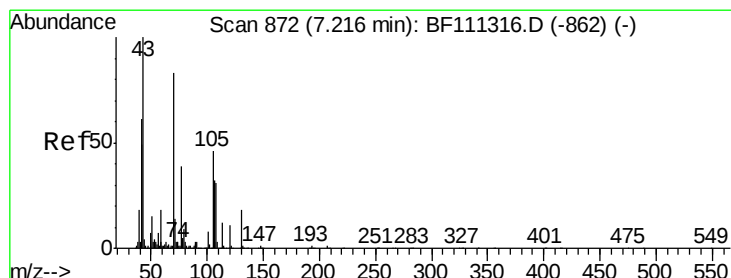
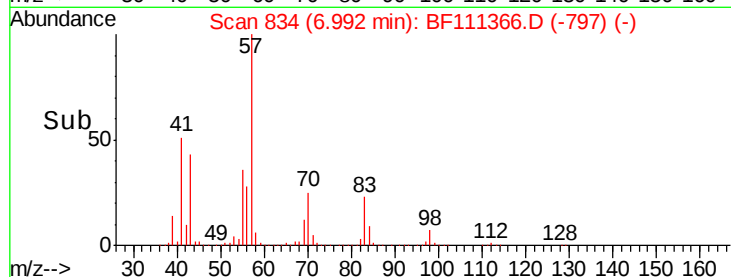
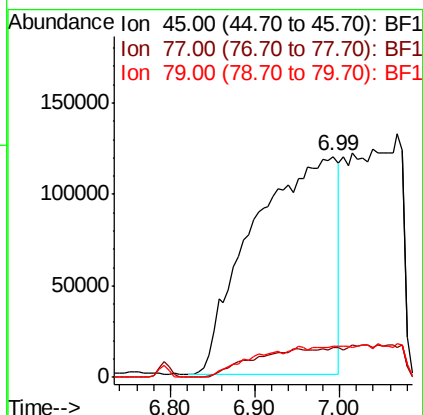
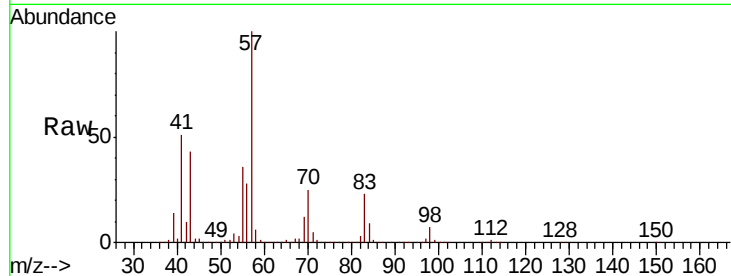




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 29.686 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.08 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

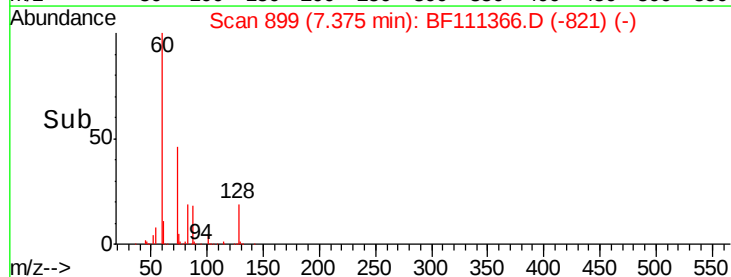
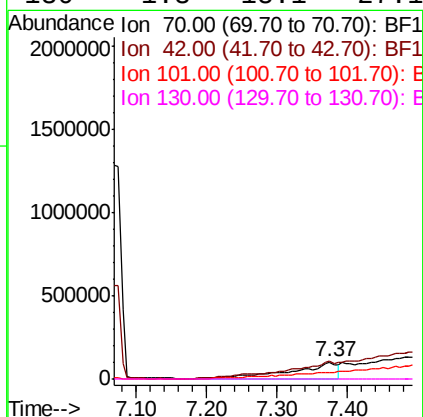
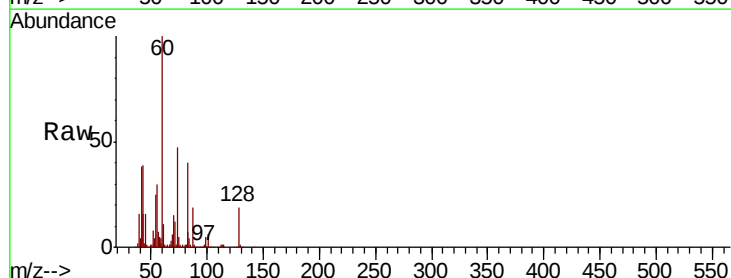
Instrument :
BNA_F
ClientSampleId :

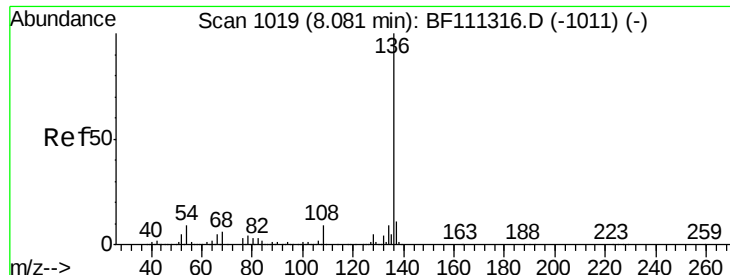
Tot Ion: 45 Resp: 820217
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 14.3 0.0 28.9



#19
n-Nitroso-di-n-propylamine
Concen: 39.694 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.16 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Tgt Ion: 70 Resp: 422118
Ion Ratio Lower Upper
70 100
42 106.0 53.2 79.8#
101 37.4 8.2 12.4#
130 1.3 18.1 27.1#

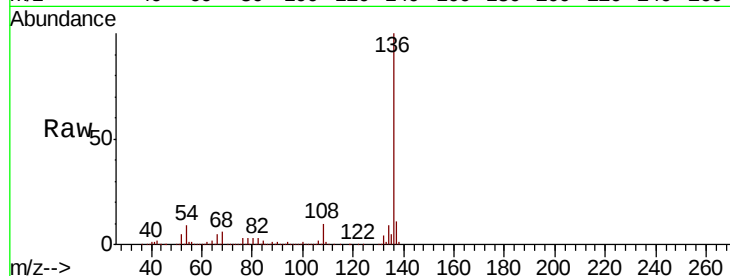




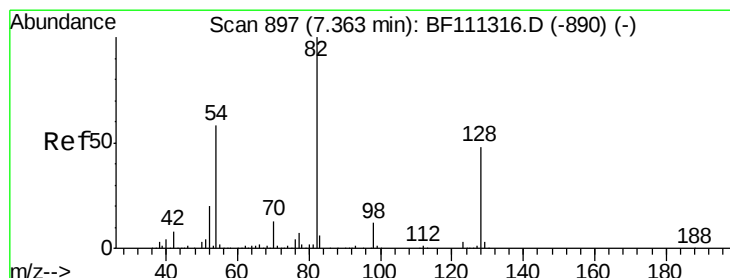
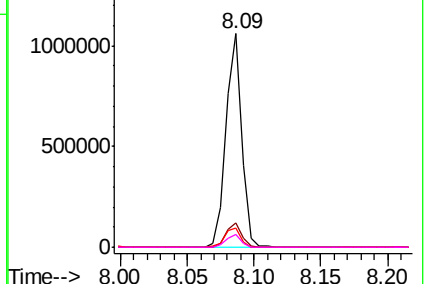
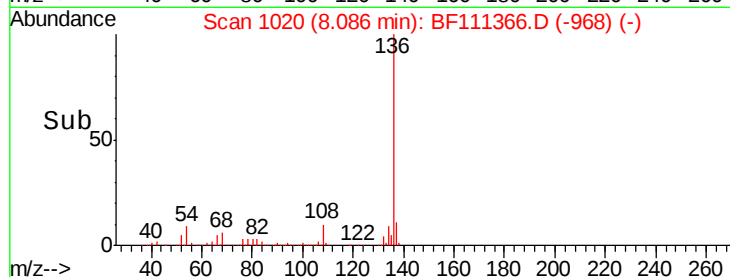
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	887027
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	9.0	7.7 11.5
68	5.8	4.9 7.3

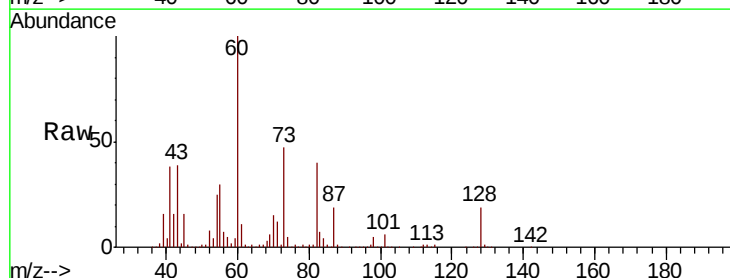


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

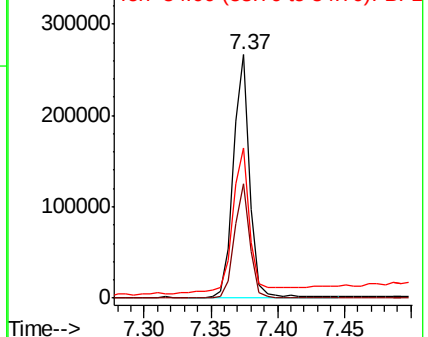
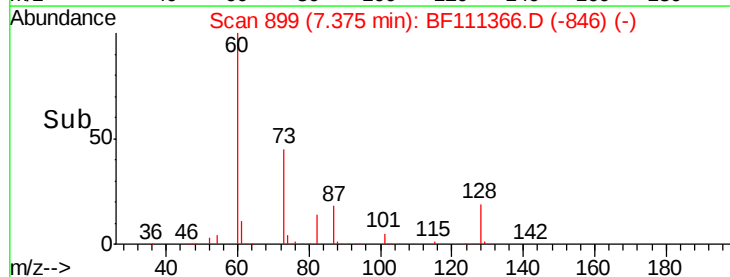


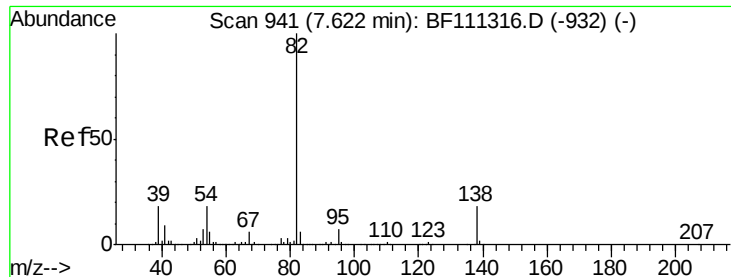
#23
Nitrobenzene-d5
Concen: 14.494 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Tgt Ion: 82	Resp:	228100
Ion Ratio	Lower	Upper
82	100	
128	46.8	37.4 56.2
54	61.7	47.6 71.4



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

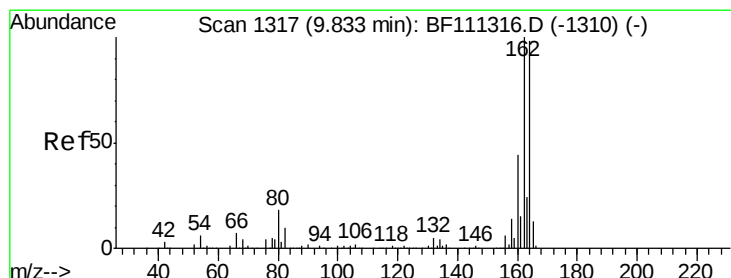
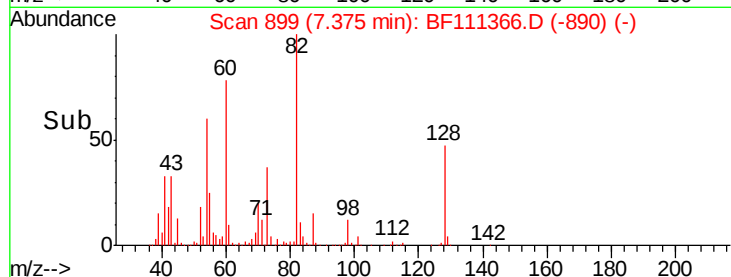
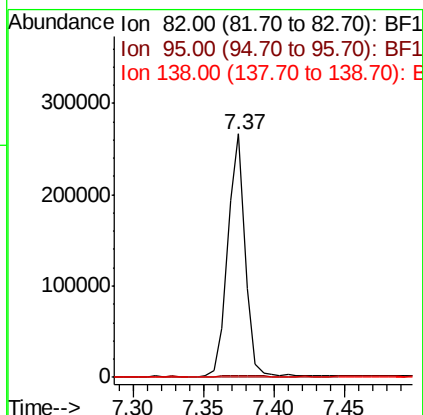
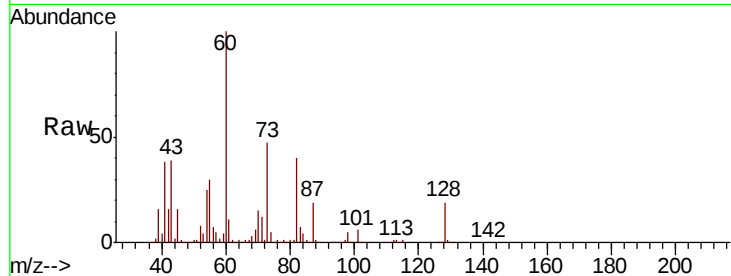




#25
Isophorone
Concen: 8.525 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

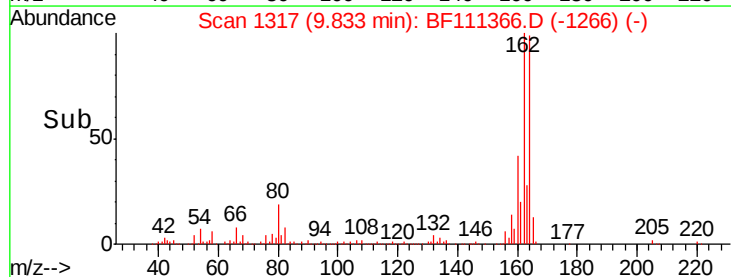
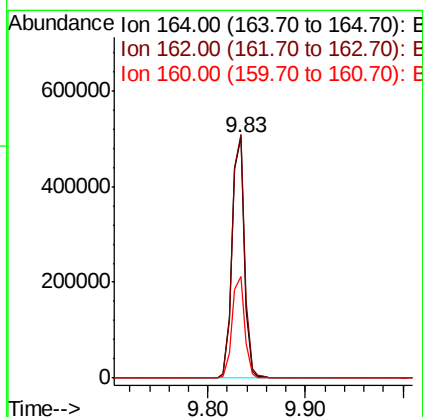
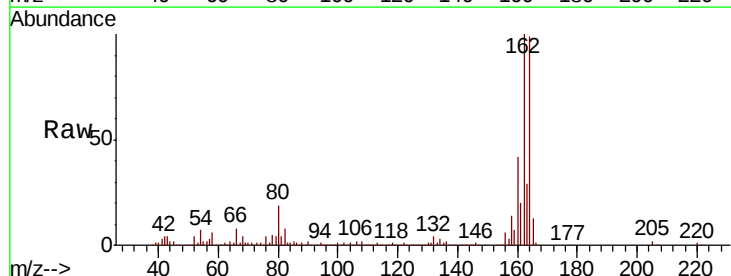
Instrument :
BNA_F
ClientSampleId :

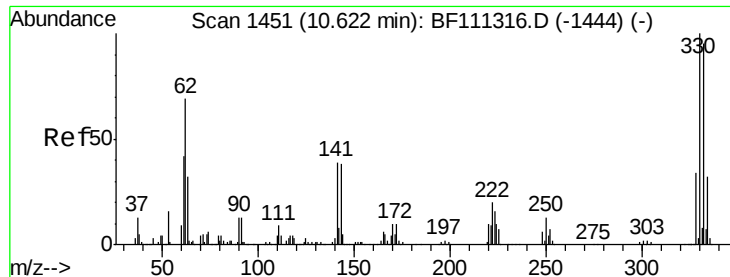
Tot Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.4	8.2#
138	0.0	15.1	22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	42.5	35.7	53.5

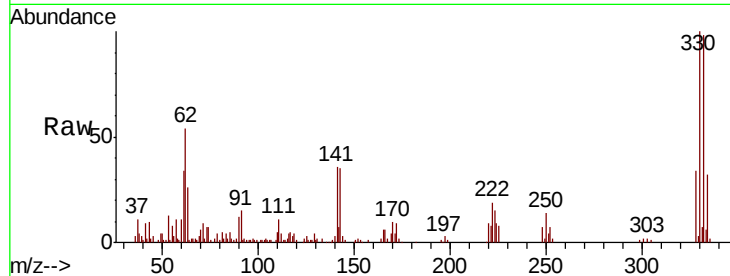




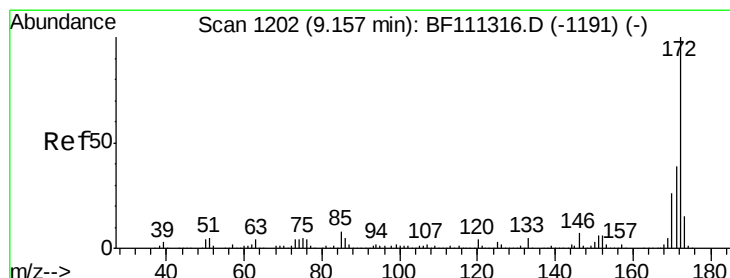
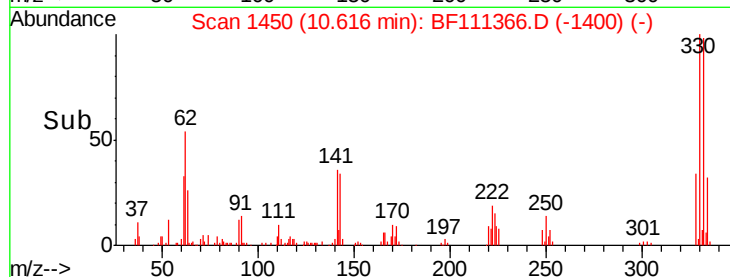
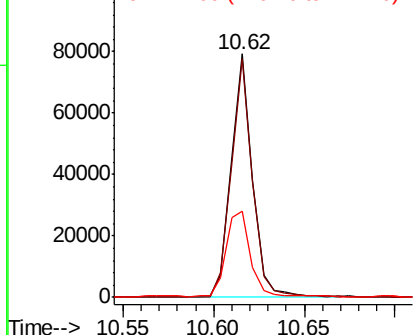
#42
 2,4,6-Tribromophenol
 Concen: 16.839 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111366.D
 Acq: 13 Dec 2018 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 65402
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.0 114.0
 141 41.7 31.0 46.6

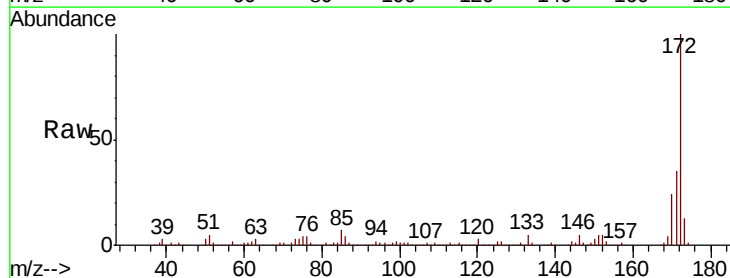


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

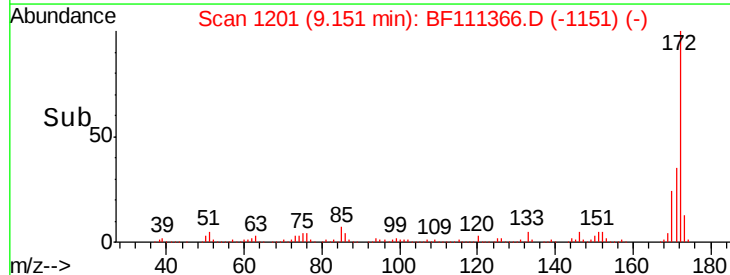
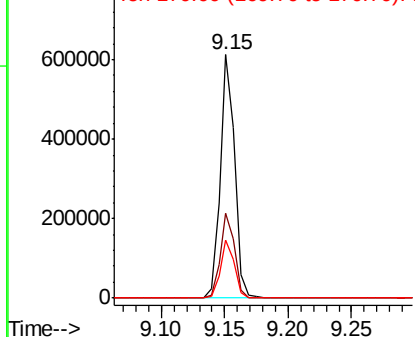


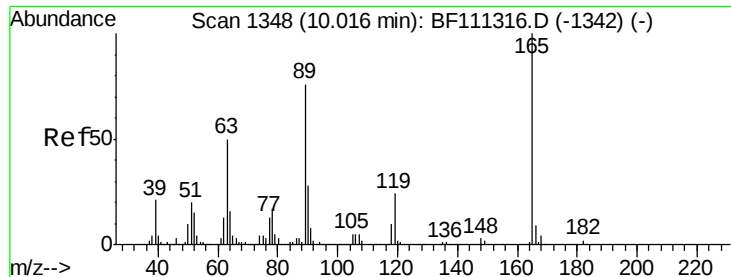
#45
 2-Fluorobiphenyl
 Concen: 17.801 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111366.D
 Acq: 13 Dec 2018 13:07

Tgt Ion:172 Resp: 488528
 Ion Ratio Lower Upper
 172 100
 171 35.0 33.0 49.4
 170 23.8 22.3 33.5



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

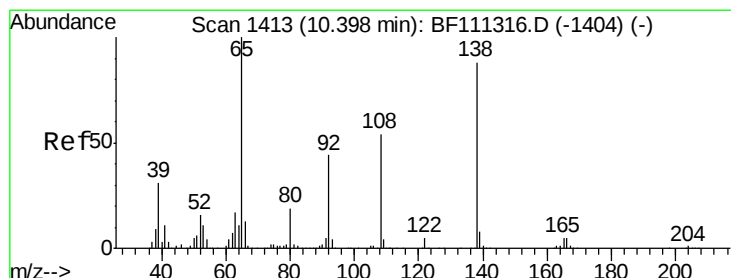
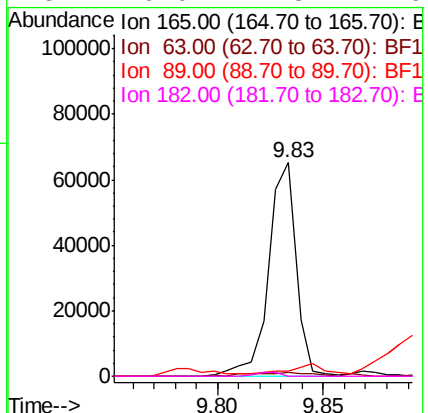
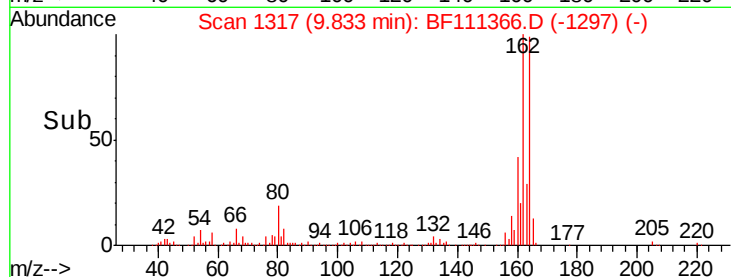
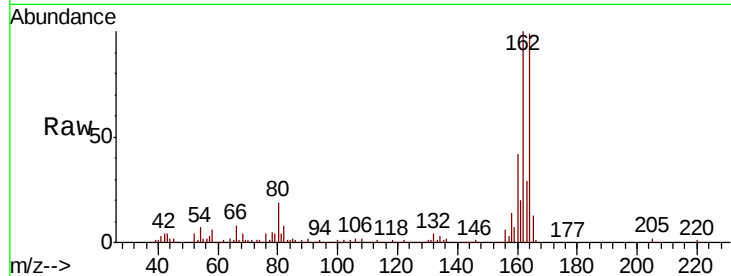




#57
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

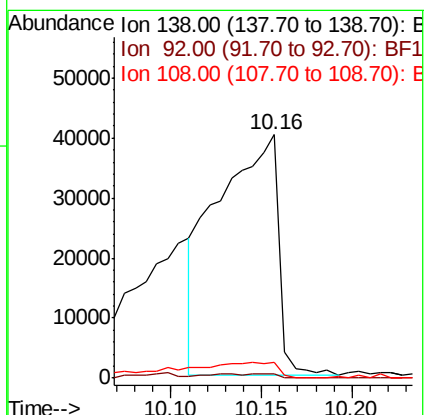
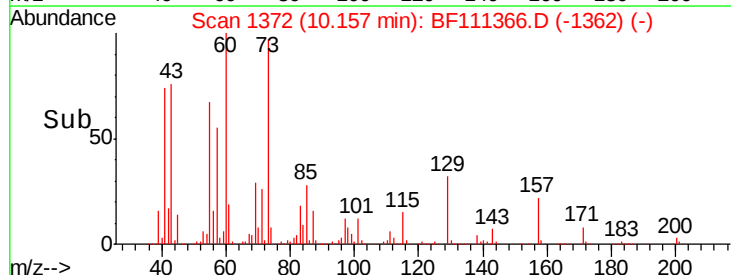
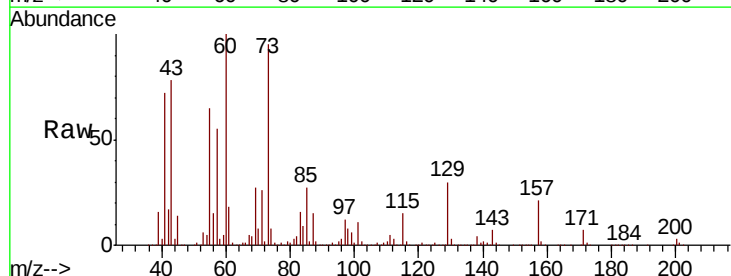
Instrument :
BNA_F
ClientSampleId :

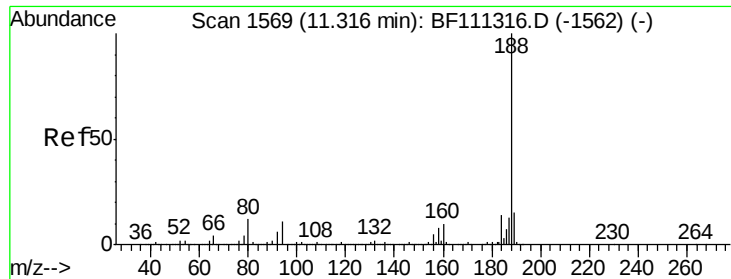
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	2.3	56.2	84.4#
182	0.0	1.8	2.6#



#62
4-Nitroaniline
Concen: 11.701 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.24 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	1.9	29.9	69.9#
108	6.6	43.2	83.2#

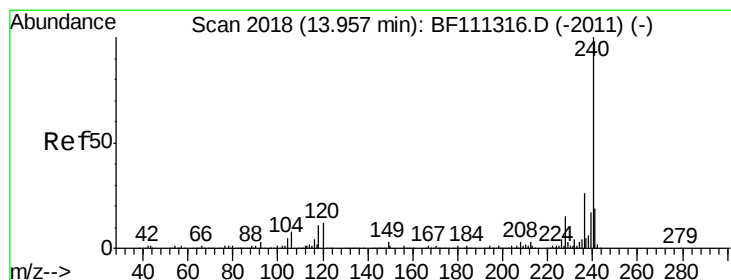
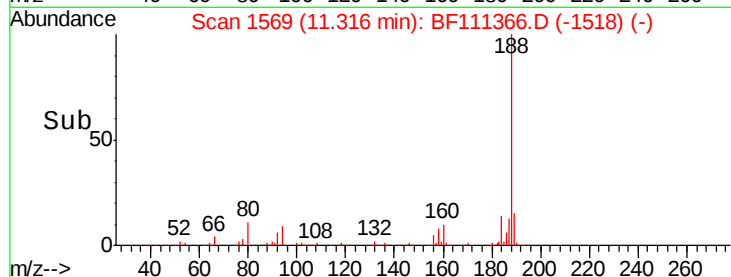
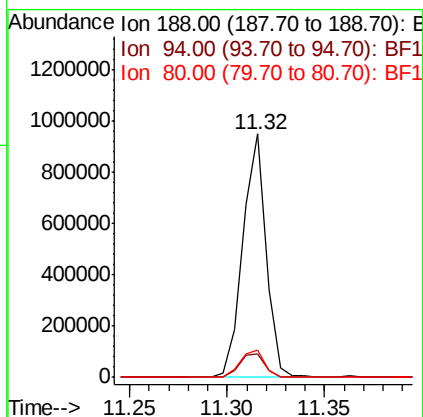
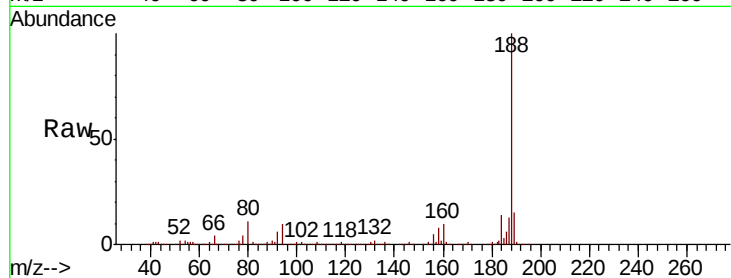




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

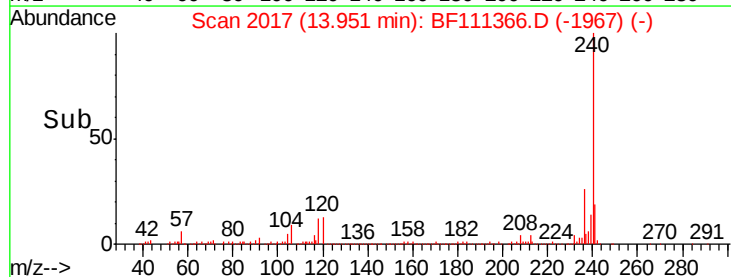
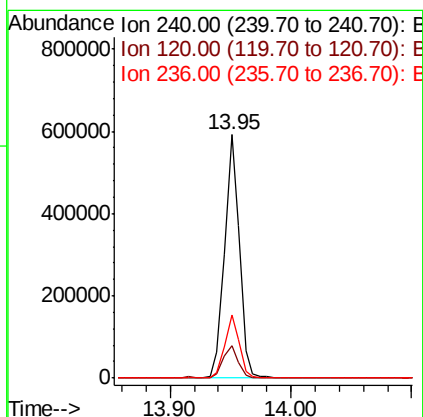
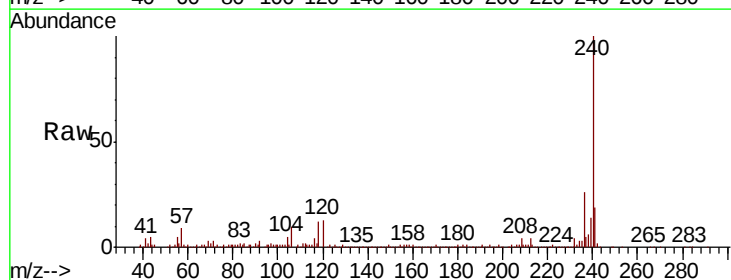
Instrument :
BNA_F
ClientSampleId :

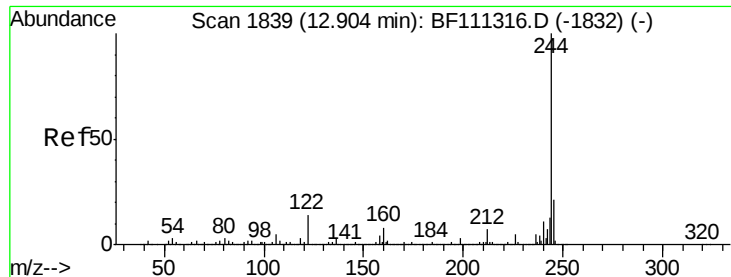
Tot Ion:188 Resp: 783246
Ion Ratio Lower Upper
188 100
94 9.5 9.6 14.4#
80 11.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111366.D
Acq: 13 Dec 2018 13:07

Tgt Ion:240 Resp: 504675
Ion Ratio Lower Upper
240 100
120 13.3 12.2 18.2
236 25.7 20.2 30.2

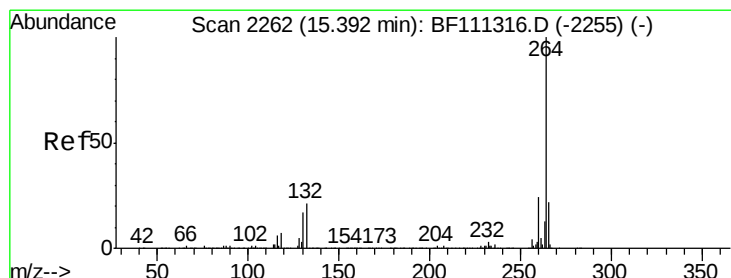
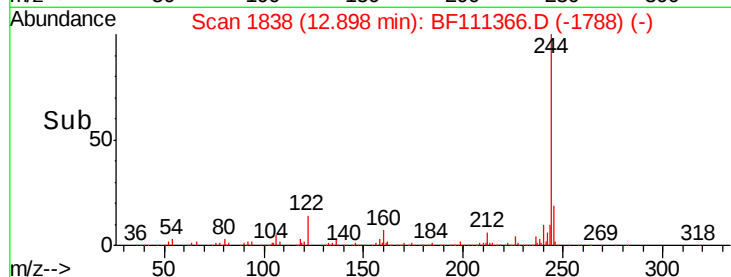
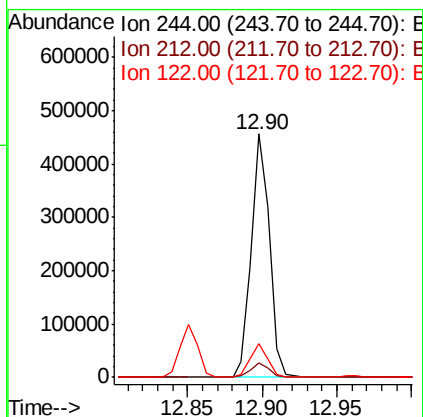
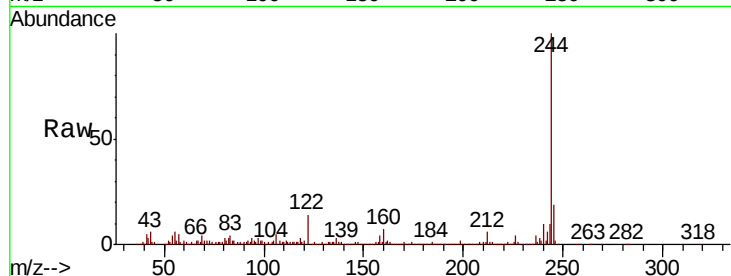




#79
 Terphenyl-d14
 Concen: 16.639 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111366.D
 Acq: 13 Dec 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	13.9	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BF111366.D
 Acq: 13 Dec 2018 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.7	17.7	26.5

