

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111362.D
 Acq On : 13 Dec 2018 11:17
 Operator : JU/SJ
 Sample : J6334-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 13:20:22 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

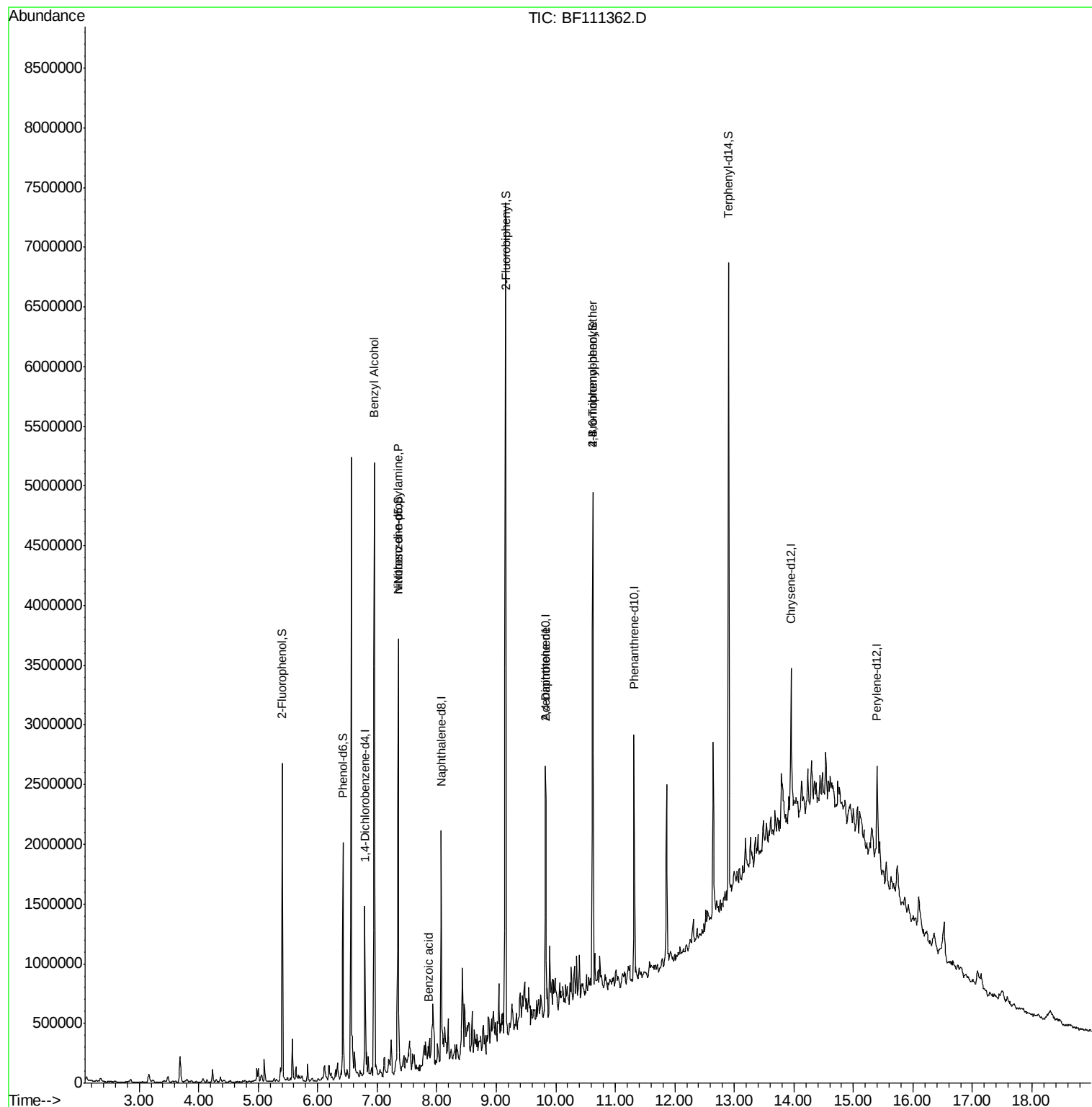
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	181039	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	750752	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	391526	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	690438	20.00	ng	0.00
76) Chrysene-d12	13.96	240	441197	20.00	ng	0.00
87) Perylene-d12	15.40	264	415387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	737786	68.91	ng	0.00
7) Phenol-d6	6.42	99	612692	42.45	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1277707	95.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	494252	143.21	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2281437	93.55	ng	0.00
79) Terphenyl-d14	12.90	244	1971301	98.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	3153	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.95	79	23544	2.130 ng	#	42
19) n-Nitroso-di-n-propylamine	7.35	70	171271	17.856 ng	#	79
32) Benzoic acid	7.86	122	24056	2.827 ng	#	20
57) 2,4-Dinitrotoluene	9.83	165	50785	6.349 ng	#	32
67) 4-Bromophenyl-phenylether	10.62	248	31067	4.042 ng	#	1

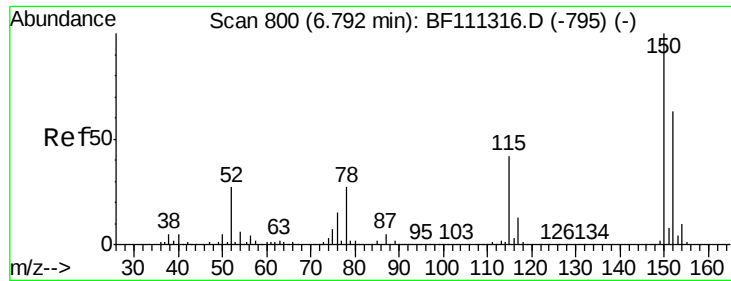
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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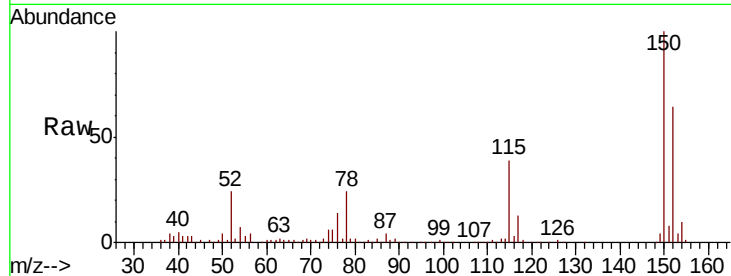


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	60.4	50.7	76.1

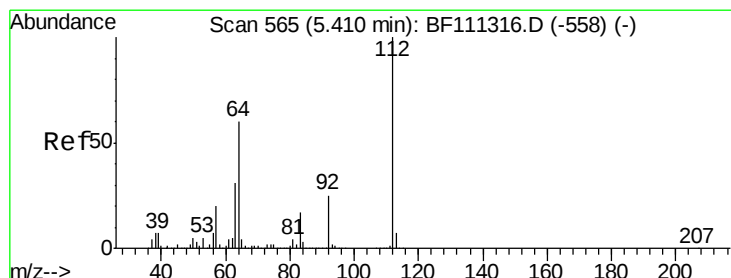
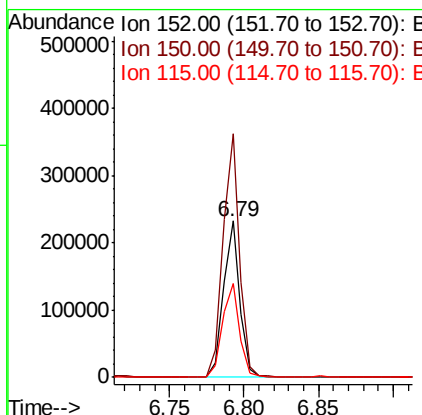
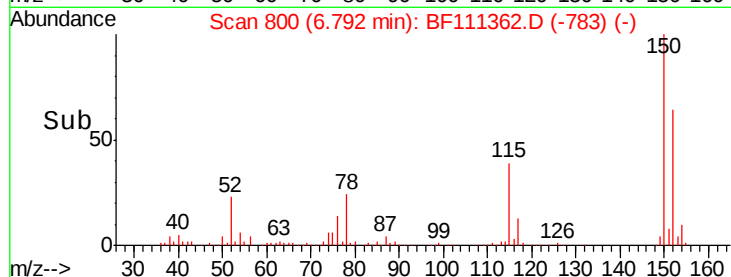


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

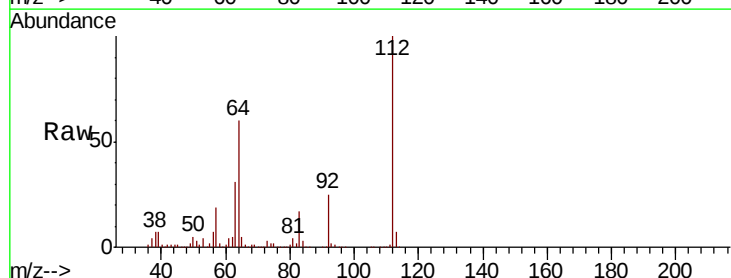
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.914 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	31.0	26.8	40.2

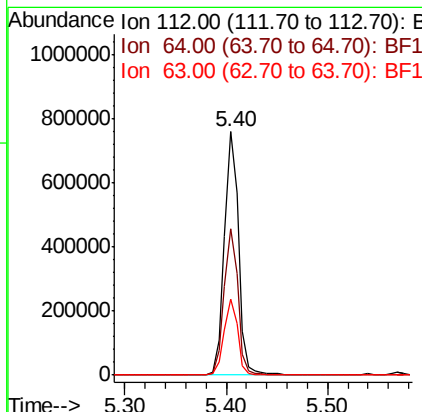
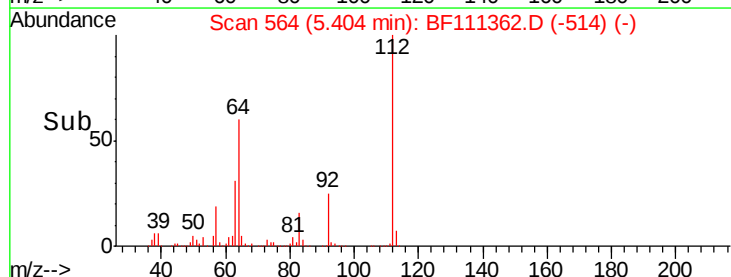


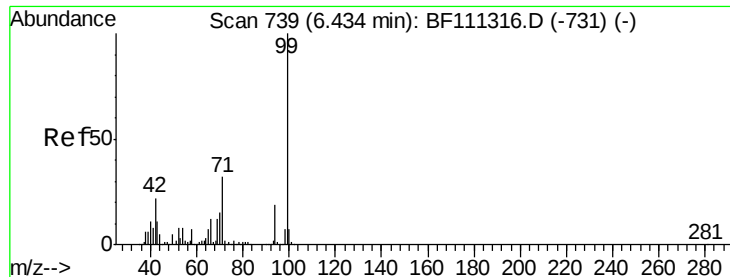
Abundance

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: 42.447 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

Instrument :

BNA_F

ClientSampleId :

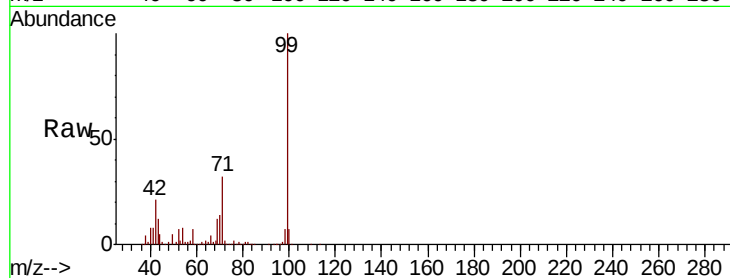
Tot Ion: 99 Resp: 612692

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

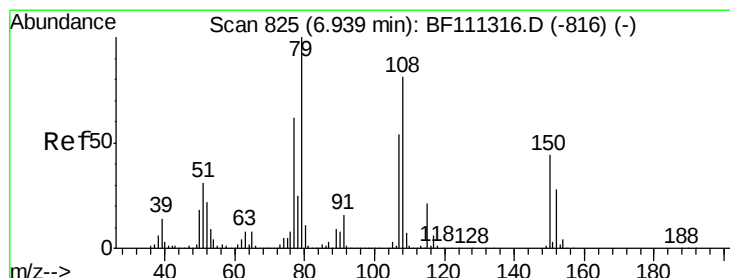
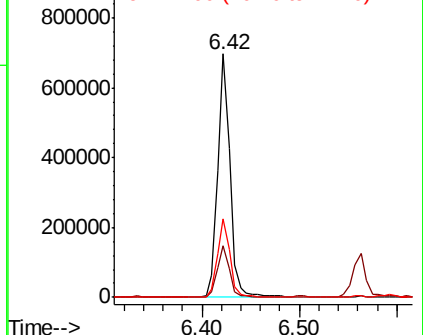
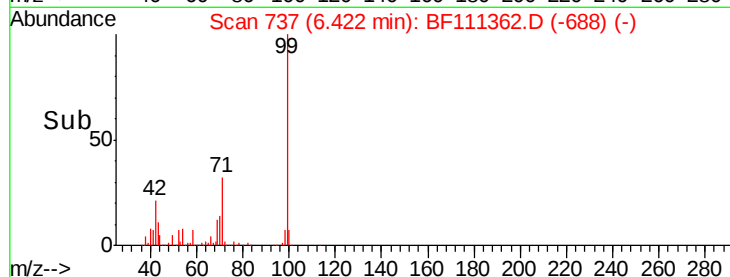
71 32.5 26.1 39.1



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: 2.130 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

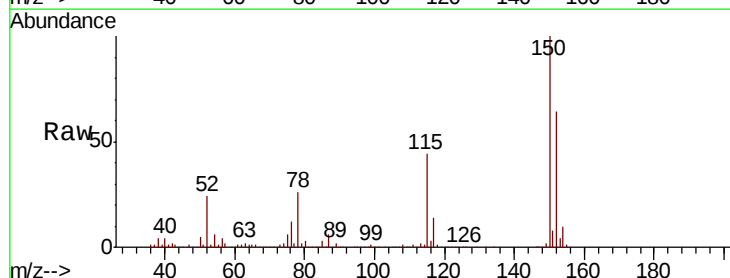
Tgt Ion: 79 Resp: 23544

Ion Ratio Lower Upper

79 100

108 32.0 69.4 104.2#

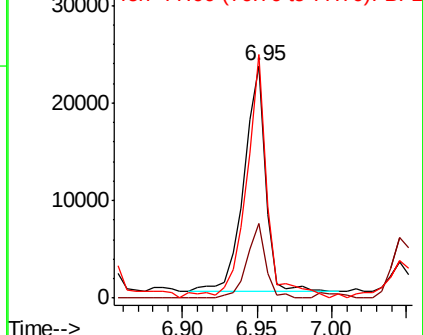
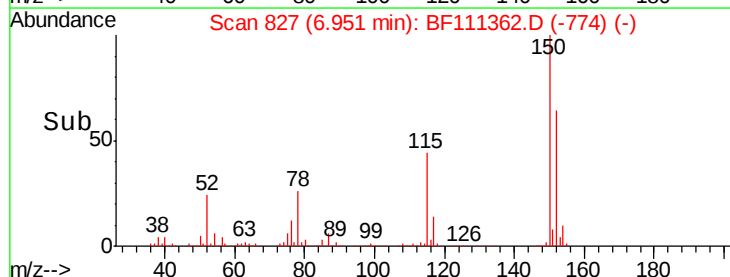
77 104.8 49.7 74.5#

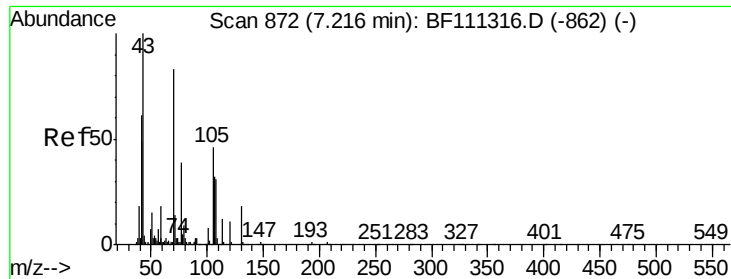


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

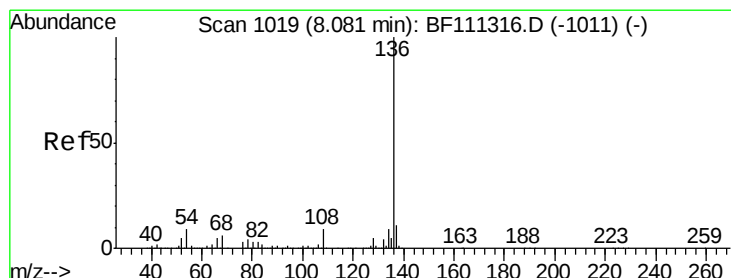
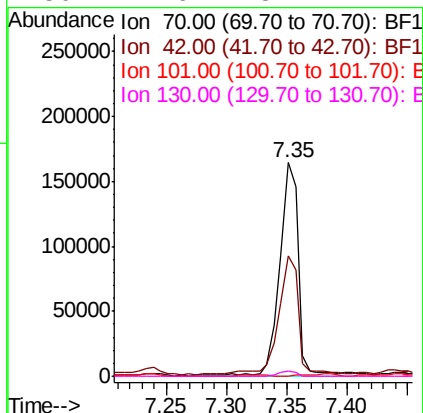
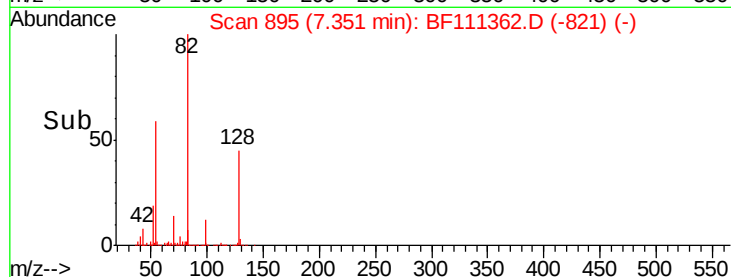
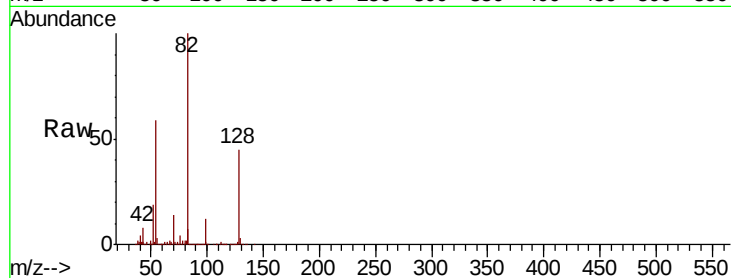




#19
n-Nitroso-di-n-propylamine
Concen: 17.856 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

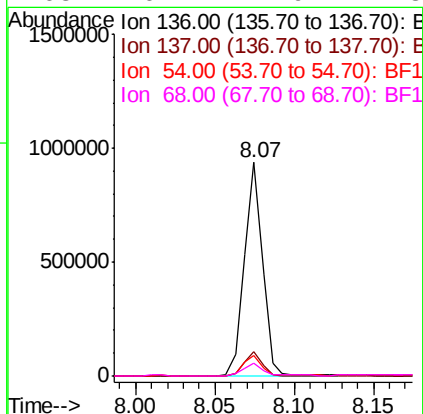
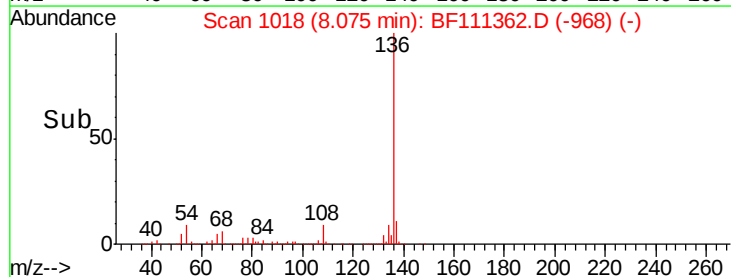
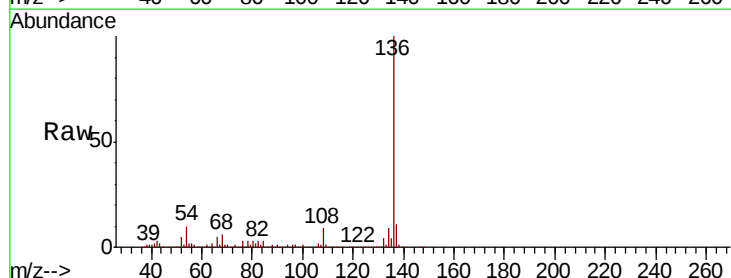
Instrument :
BNA_F
ClientSampled :

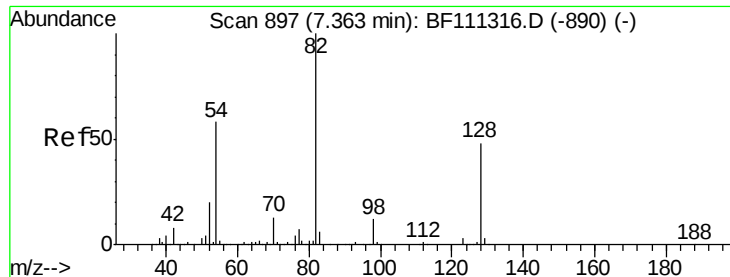
Tot Ion: 70 Resp: 171271
Ion Ratio Lower Upper
70 100
42 56.6 53.2 79.8
101 0.2 8.2 12.4#
130 2.6 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Tgt Ion: 136 Resp: 750752
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.9 7.7 11.5
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.925 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

Instrument :

BNA_F

ClientSampleId :

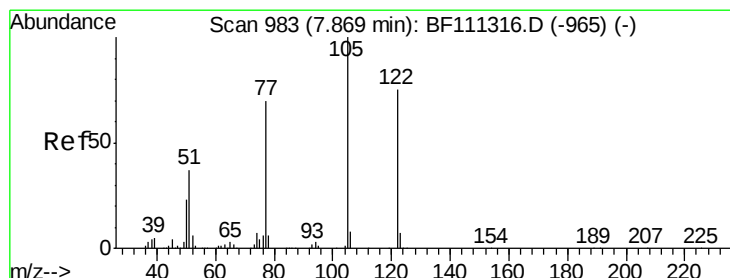
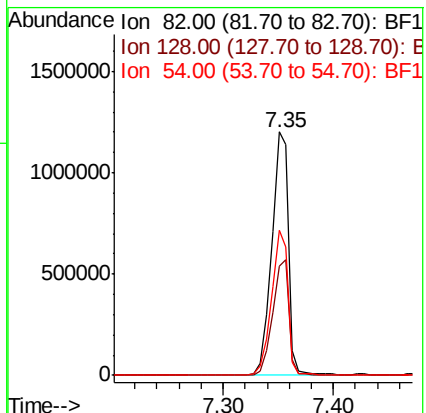
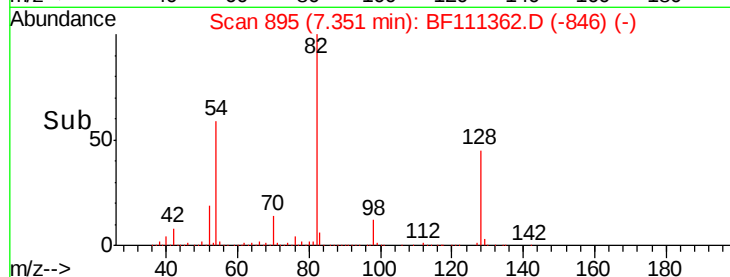
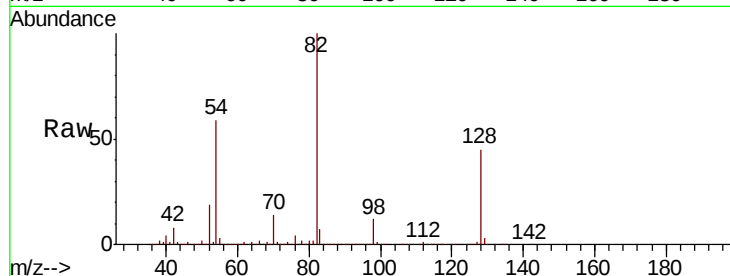
Tot Ion: 82 Resp: 1277707

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	59.4	47.6	71.4

82 100

128 45.1 37.4 56.2

54 59.4 47.6 71.4



#32

Benzoic acid

Concen: 2.827 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF111362.D

Acq: 13 Dec 2018 11:17

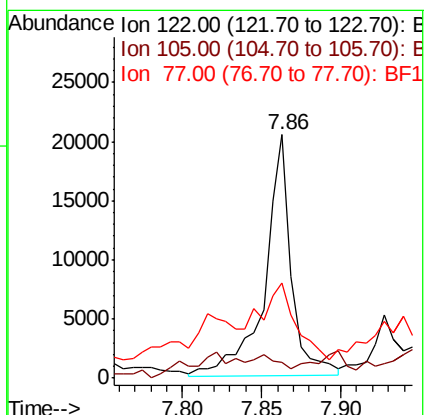
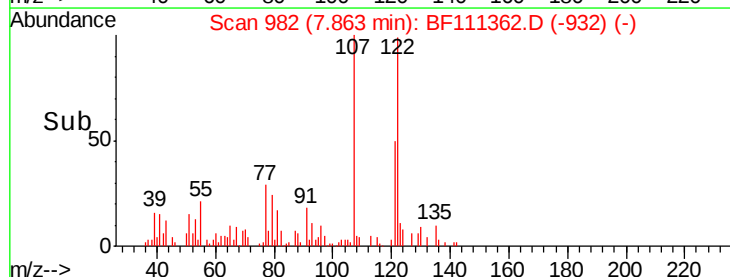
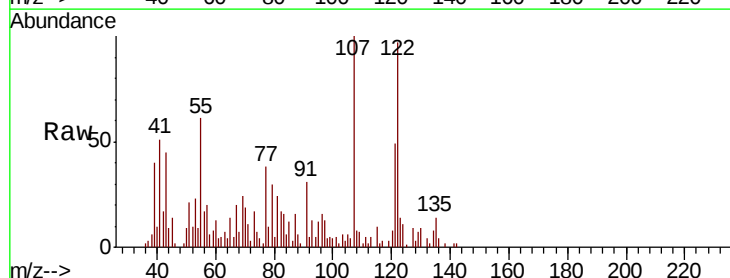
Tgt Ion:122 Resp: 24056

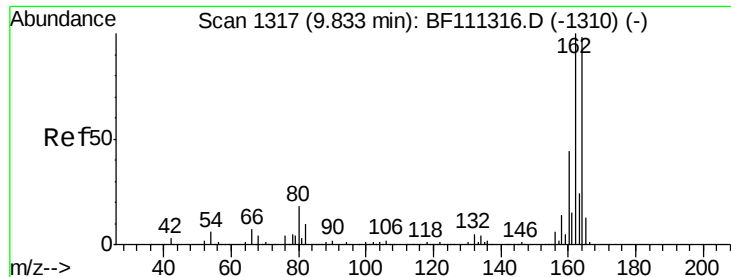
Ion	Ratio	Lower	Upper
122	100		
105	6.3	97.0	137.0#
77	39.1	65.7	105.7#

122 100

105 6.3 97.0 137.0#

77 39.1 65.7 105.7#

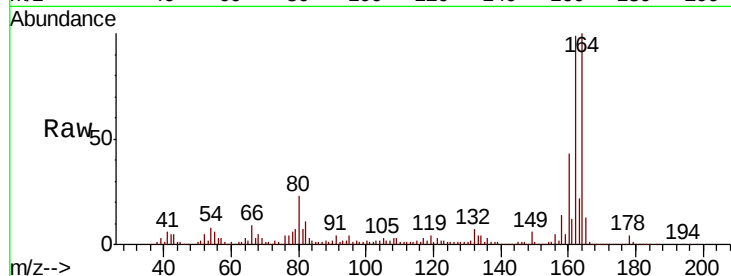




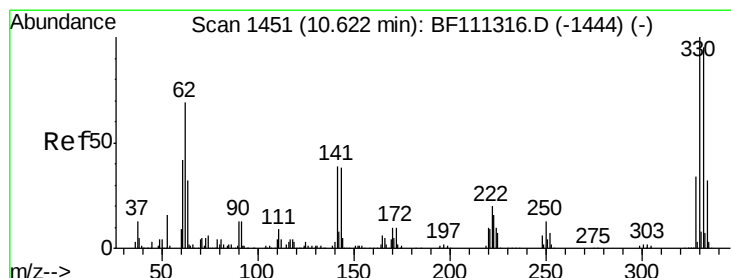
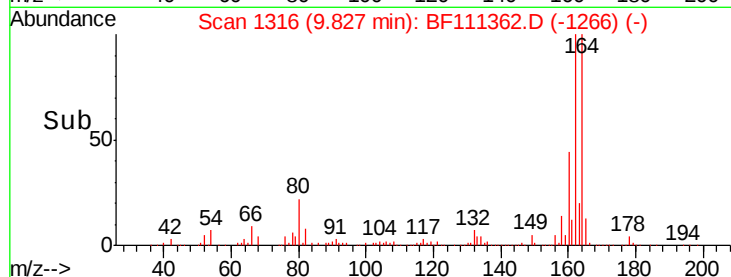
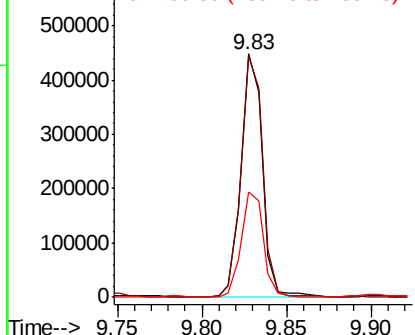
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111362.D
 Acq: 13 Dec 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.1	35.7	53.5

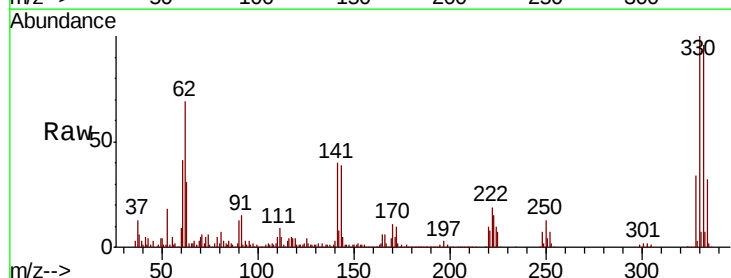


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

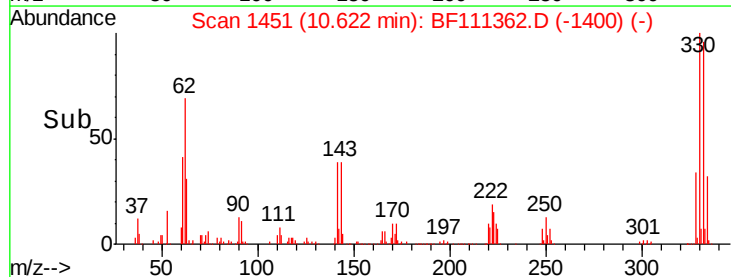
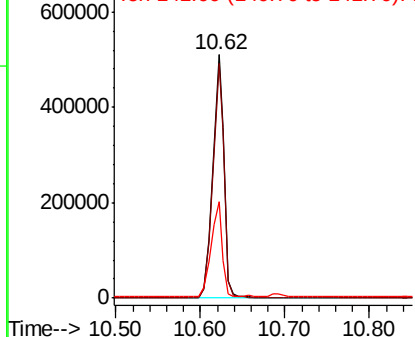


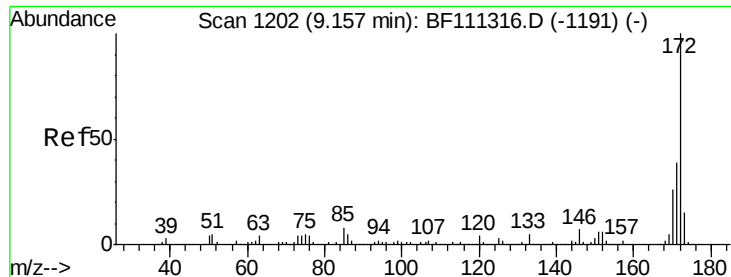
#42
 2,4,6-Tribromophenol
 Concen: 143.205 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF111362.D
 Acq: 13 Dec 2018 11:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	37.5	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

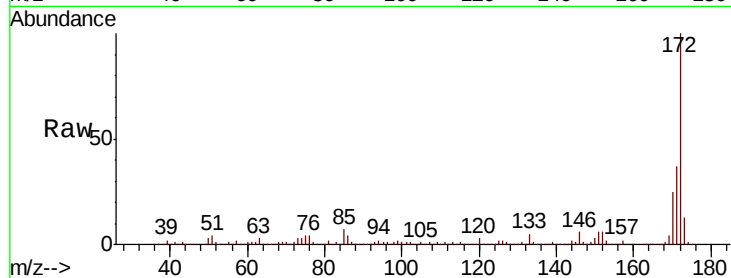




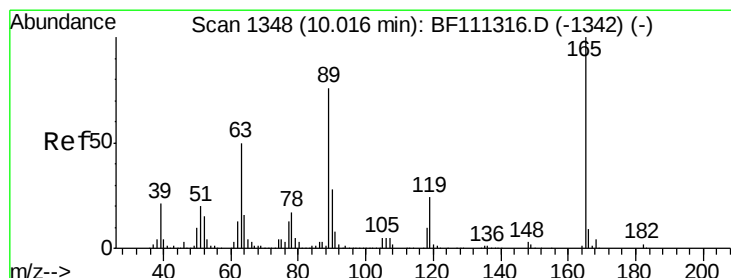
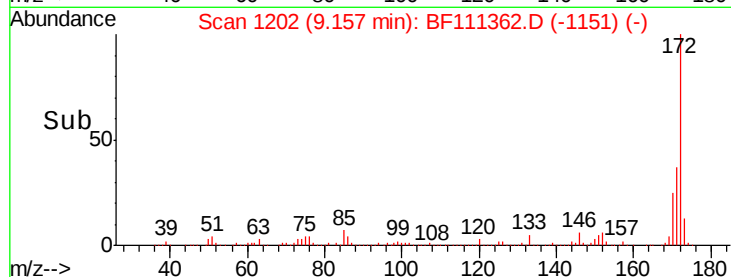
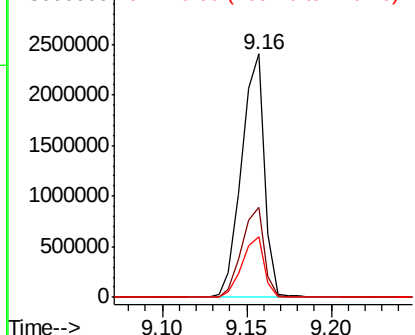
#45
2-Fluorobiphenyl
Concen: 93.552 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2281437
Ion Ratio Lower Upper
172 100
171 36.8 33.0 49.4
170 24.9 22.3 33.5

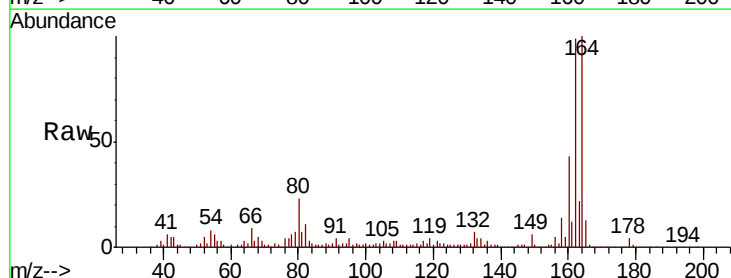


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

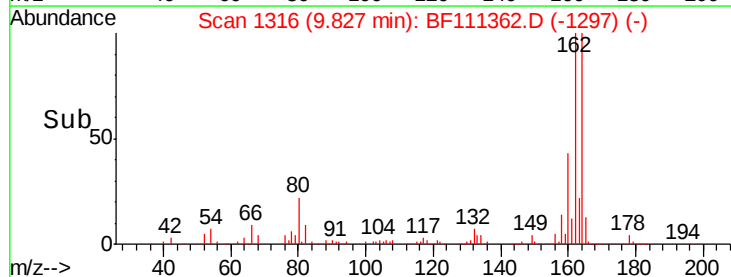
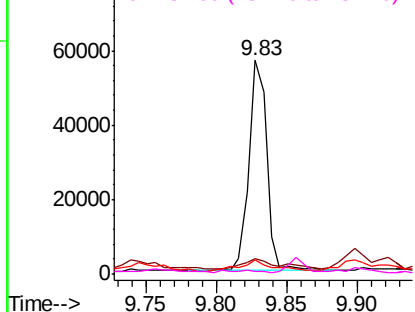


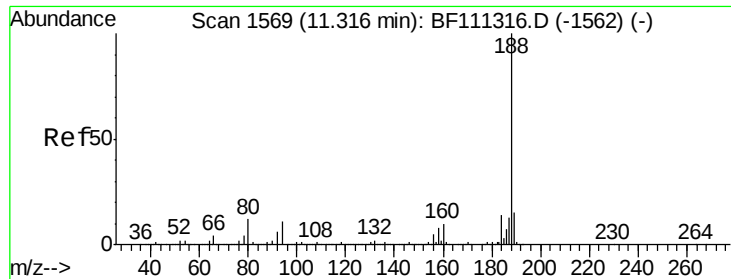
#57
2,4-Dinitrotoluene
Concen: 6.349 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Tgt Ion:165 Resp: 50785
Ion Ratio Lower Upper
165 100
63 6.9 34.6 52.0#
89 6.3 56.2 84.4#
182 1.3 1.8 2.6#



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

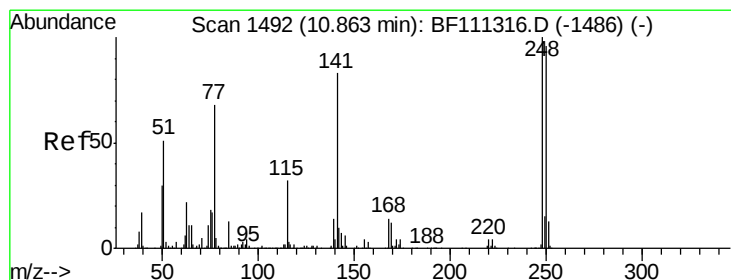
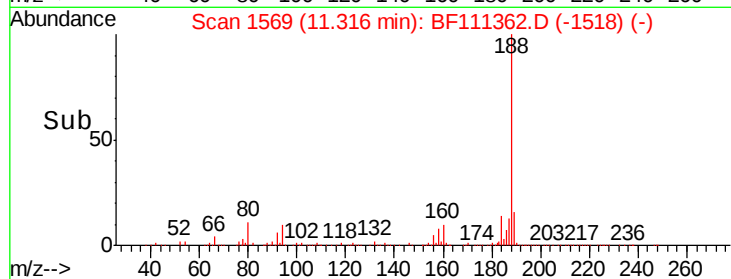
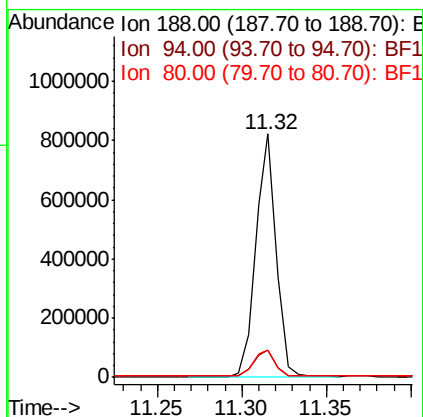
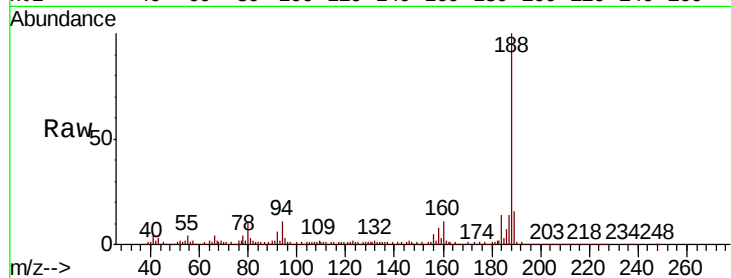




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

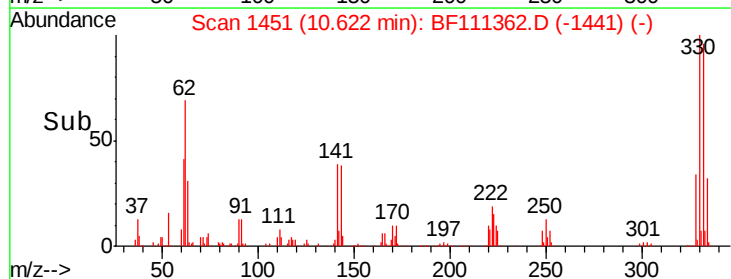
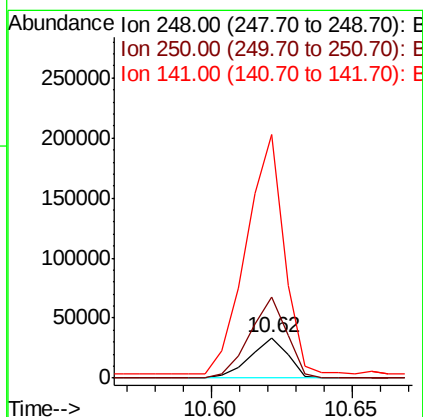
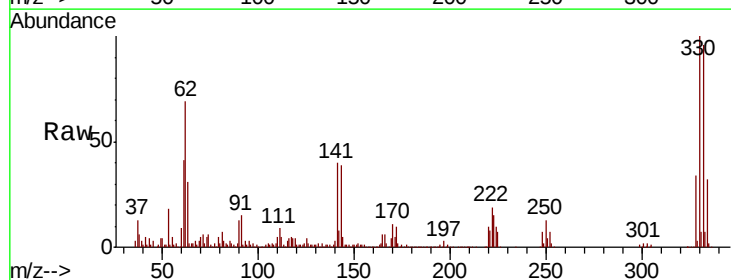
Instrument :
BNA_F
ClientSampled :

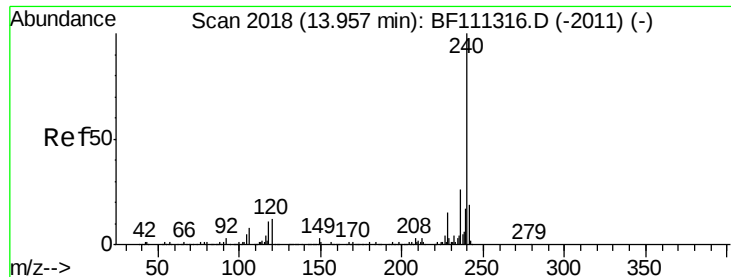
Tot Ion:188 Resp: 690438
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.3 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Tgt Ion:248 Resp: 31067
Ion Ratio Lower Upper
248 100
250 198.5 77.0 115.4#
141 599.2 63.0 94.6#

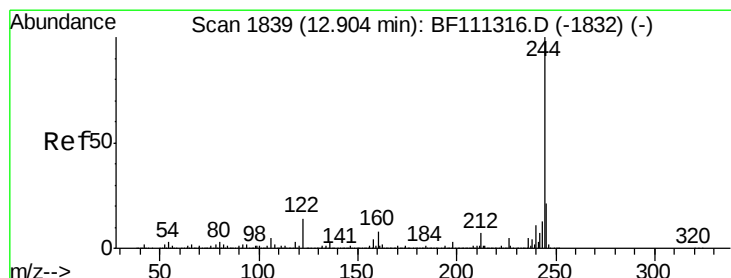
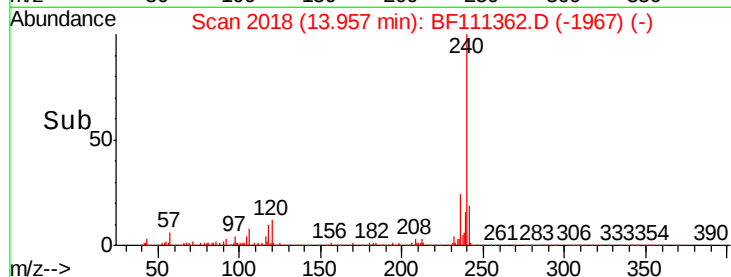
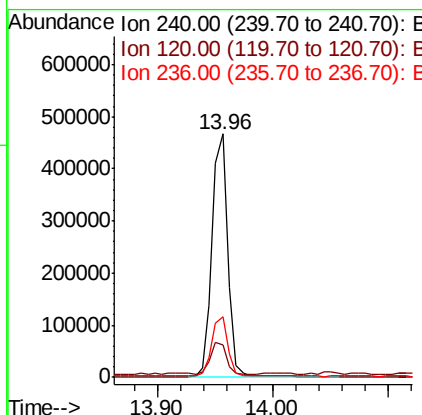
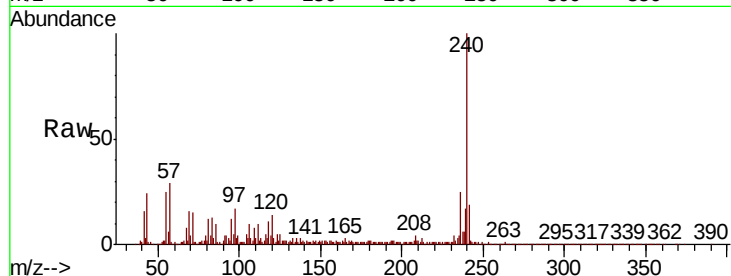




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

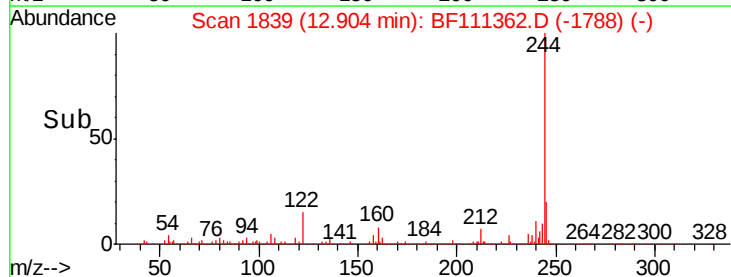
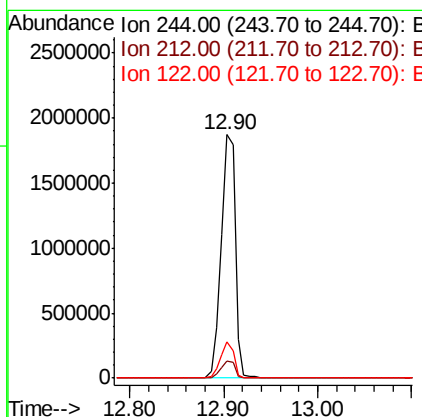
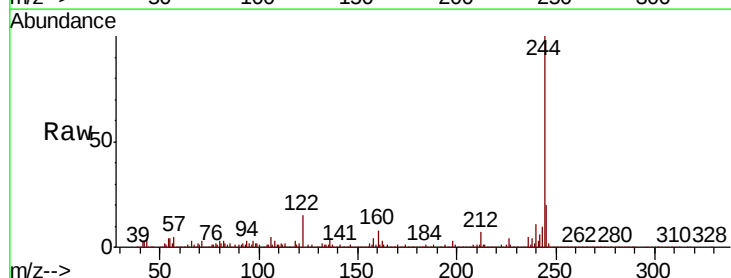
Instrument :
BNA_F
ClientSampleId :

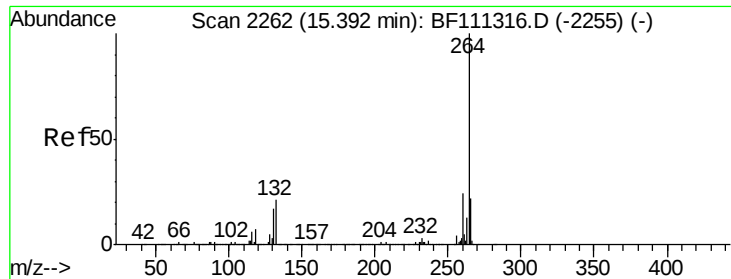
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.2	18.2
236	24.9	20.2	30.2



#79
Terphenyl-d14
Concen: 98.340 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	14.9	13.1	19.7

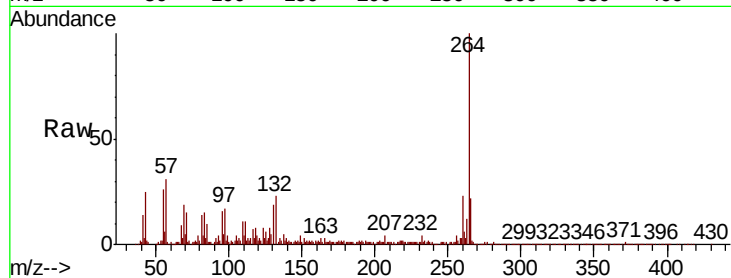




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111362.D
Acq: 13 Dec 2018 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.9	17.7	26.5



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

