

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111310.D
 Acq On : 12 Dec 2018 7:41
 Operator : JU/SJ
 Sample : J6328-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 09:45:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

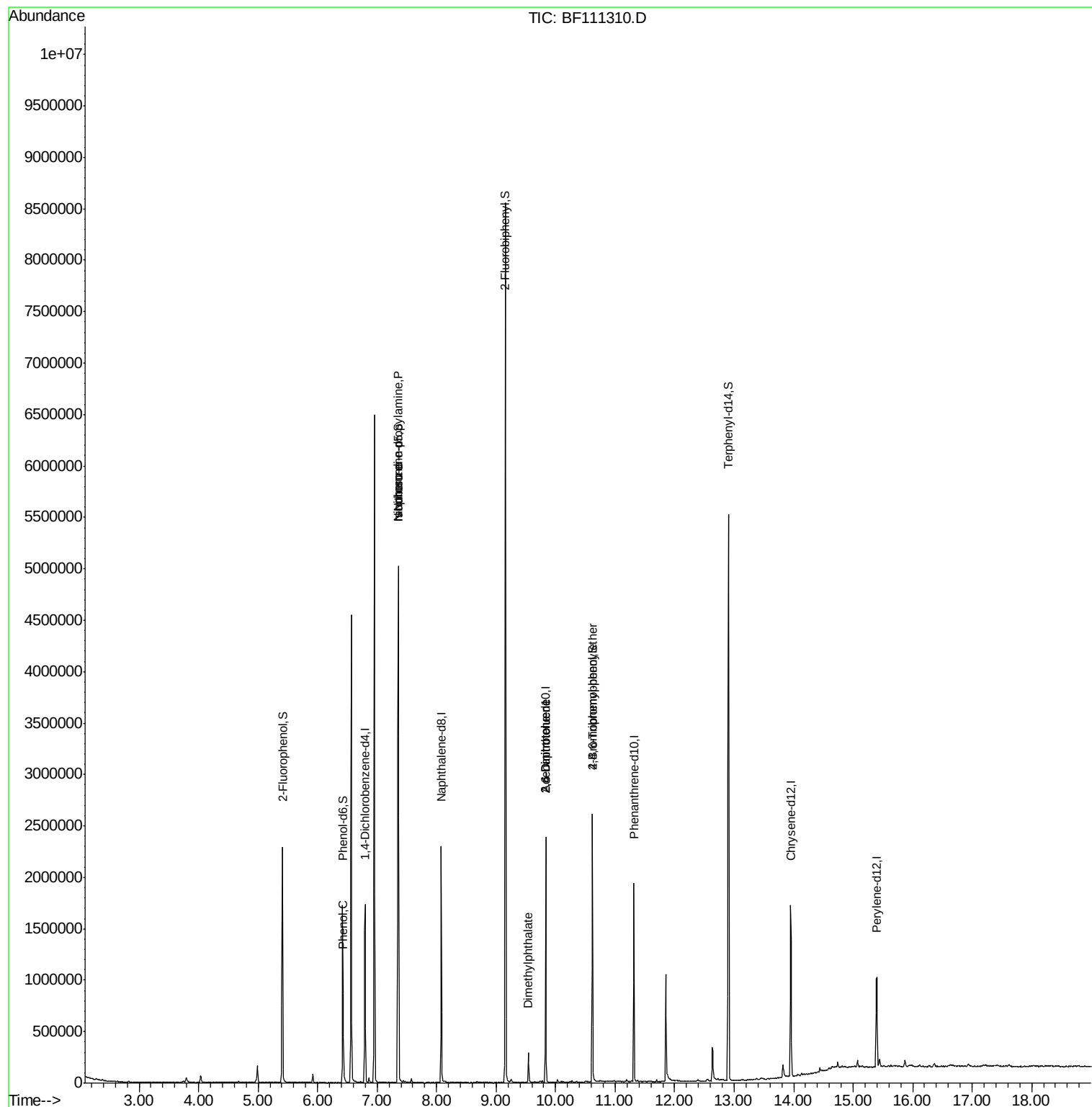
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	245586	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	970483	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	417146	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	620650	20.00	ng	0.00
76) Chrysene-d12	13.95	240	525491	20.00	ng	0.00
87) Perylene-d12	15.40	264	392654	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	643258	41.36	ng	0.00
7) Phenol-d6	6.42	99	496581	25.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1553258	89.77	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	286439	77.52	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2588029	124.25	ng	0.00
79) Terphenyl-d14	12.90	244	1851203	84.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1377	Below Cal		Qvalue # 1
10) Phenol	6.43	94	48147	2.130	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	203697	15.732	ng	# 80
25) Isophorone	7.36	82	1536513	52.138	ng	# 64
46) 1,1'-Biphenyl	9.26	154	7744	Below Cal		99
50) Dimethylphthalate	9.55	163	99808	3.243	ng	99
51) 2,6-Dinitrotoluene	9.83	165	54467	8.013	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	54467	6.500	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	17622	2.592	ng	# 1

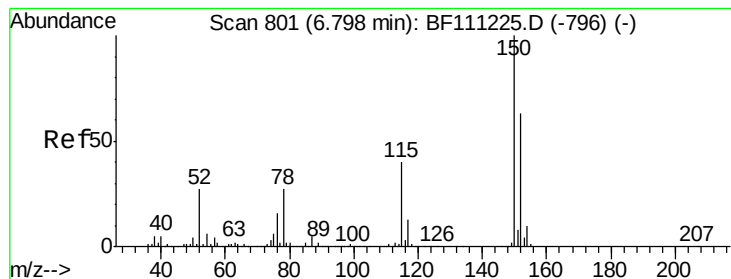
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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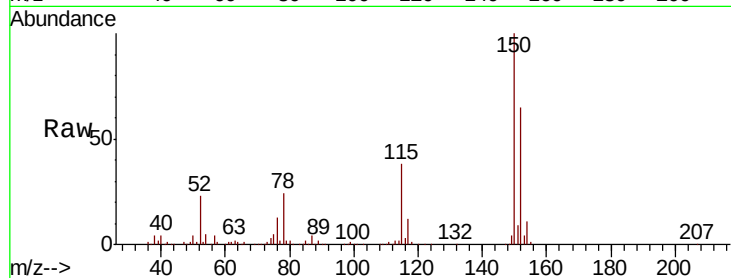


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	59.0	50.7	76.1

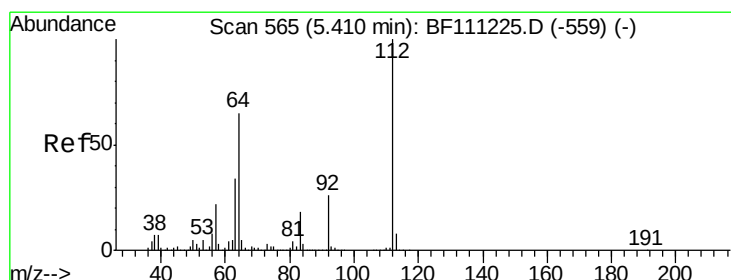
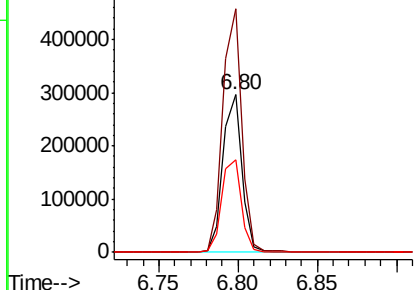
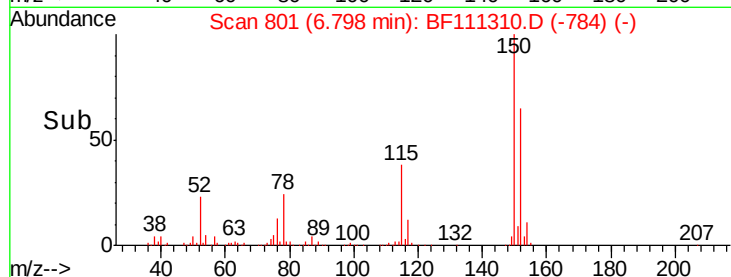


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

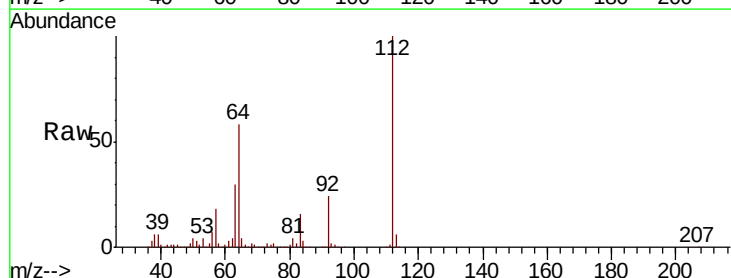
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.360 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	51.8	77.6
63	29.6	26.8	40.2

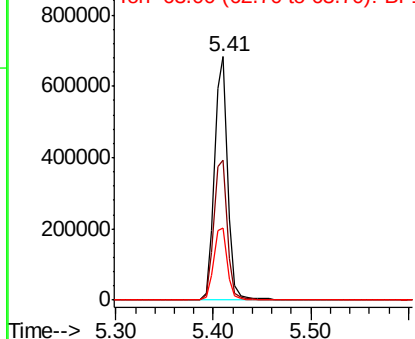
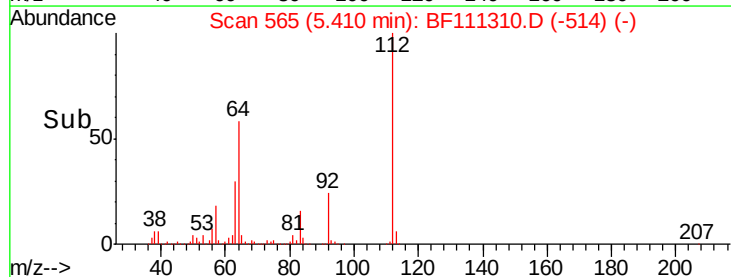


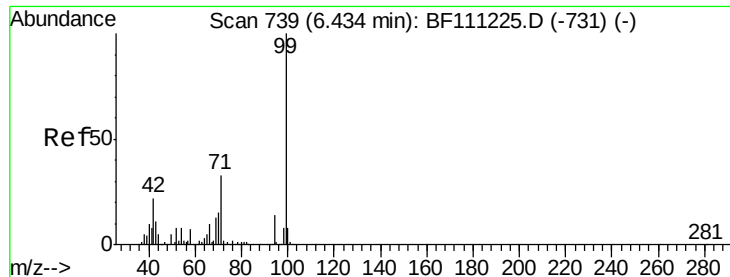
Abundance

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: 25.692 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111310.D

Acq: 12 Dec 2018 7:41

Instrument :

BNA_F

ClientSampleId :

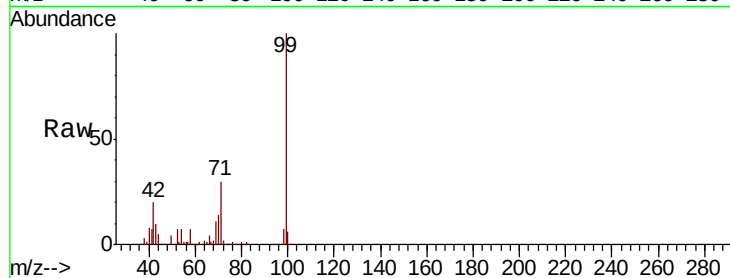
Tot Ion: 99 Resp: 496581

Ion Ratio Lower Upper

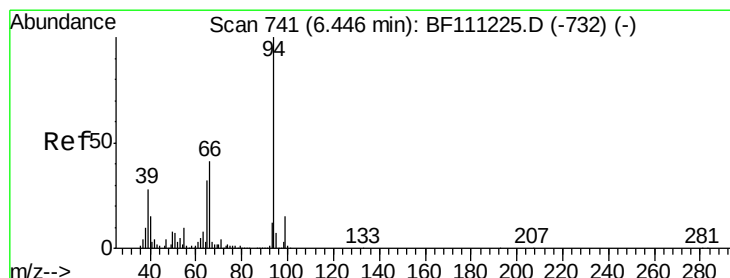
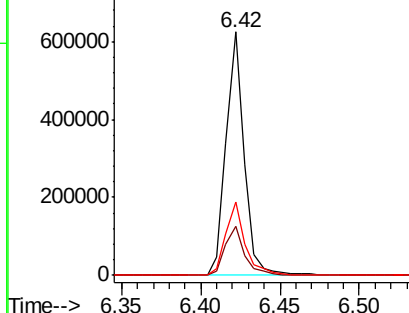
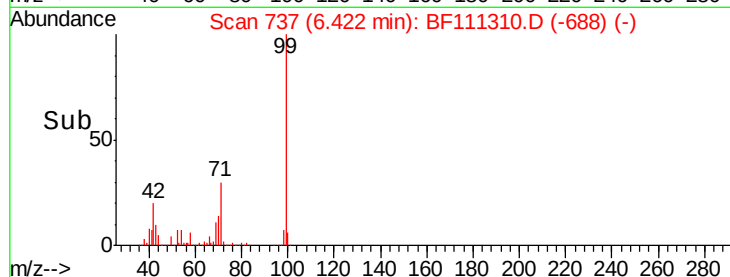
99 100

42 20.0 17.4 26.0

71 30.2 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



#10

Phenol

Concen: 2.130 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111310.D

Acq: 12 Dec 2018 7:41

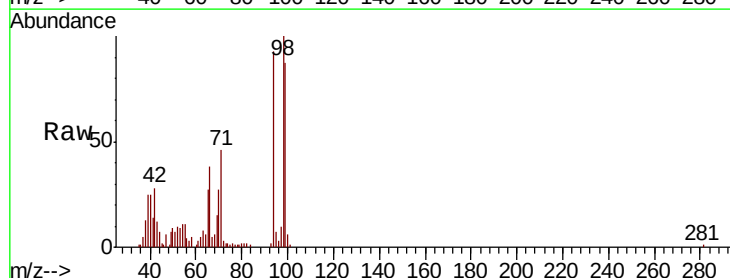
Tgt Ion: 94 Resp: 48147

Ion Ratio Lower Upper

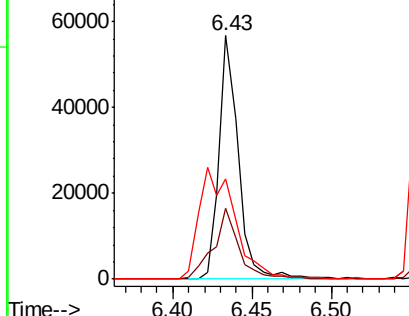
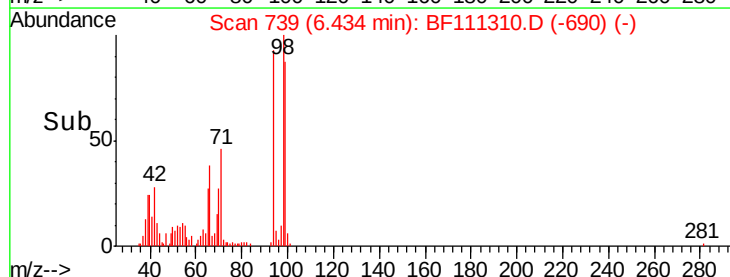
94 100

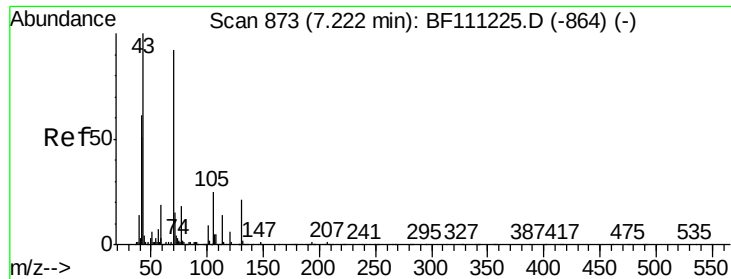
65 29.1 11.7 51.7

66 41.3 21.0 61.0



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

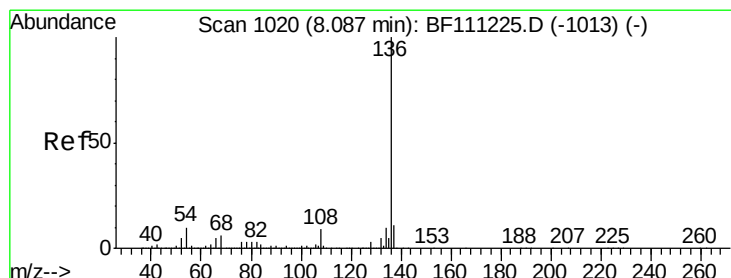
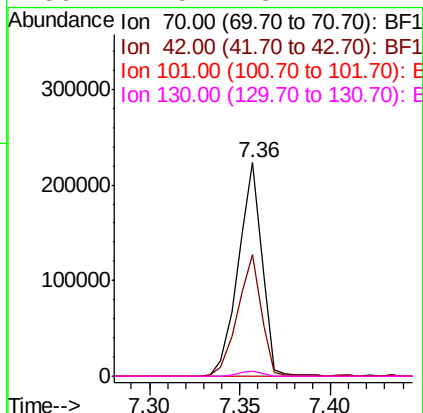
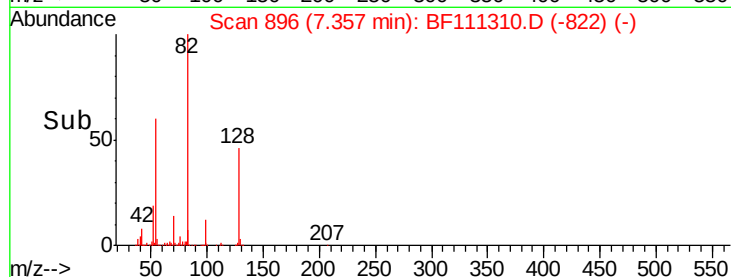
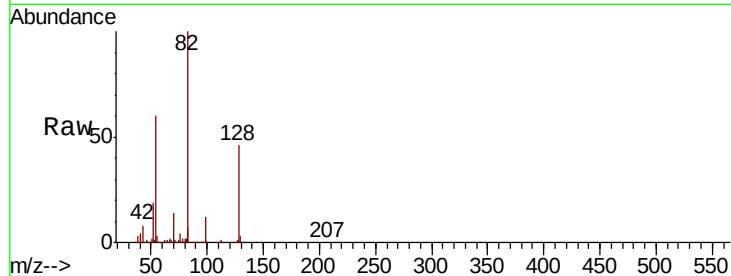




#19
n-Nitroso-di-n-propylamine
Concen: 15.732 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

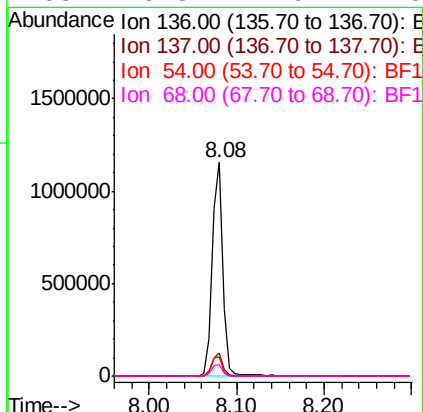
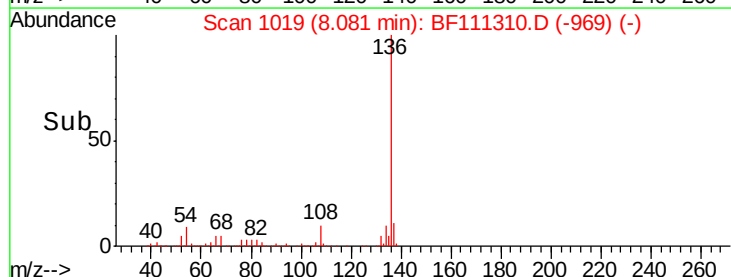
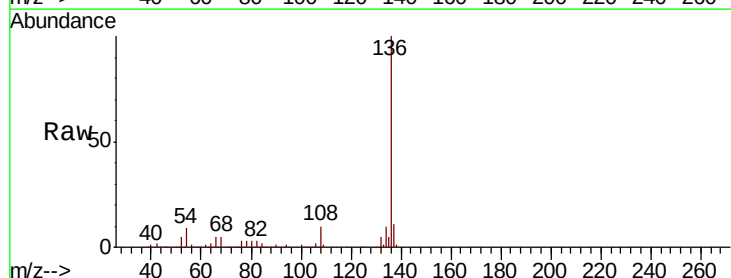
Instrument :
BNA_F
ClientSampleId :

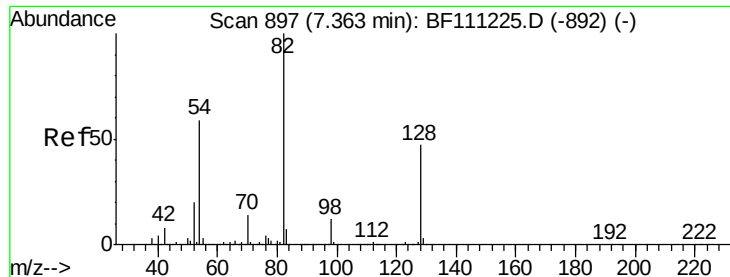
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.5	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.7	7.7	11.5
68	5.3	4.9	7.3

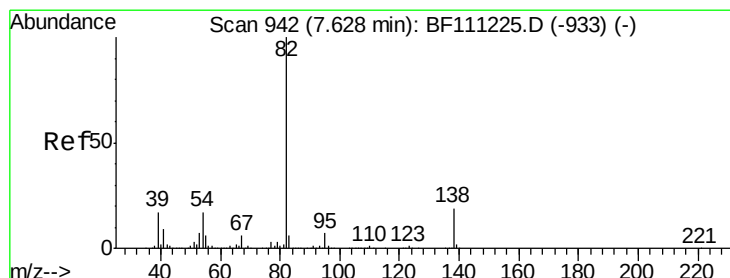
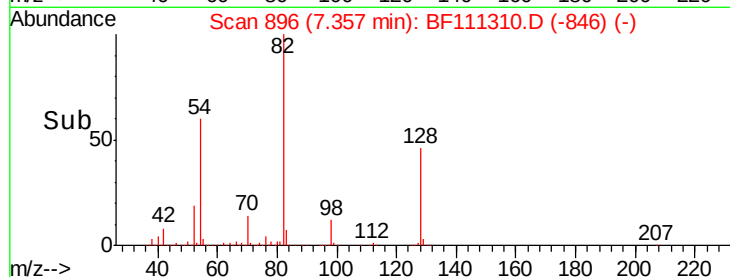
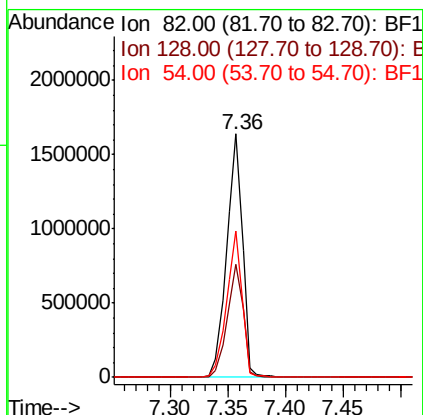
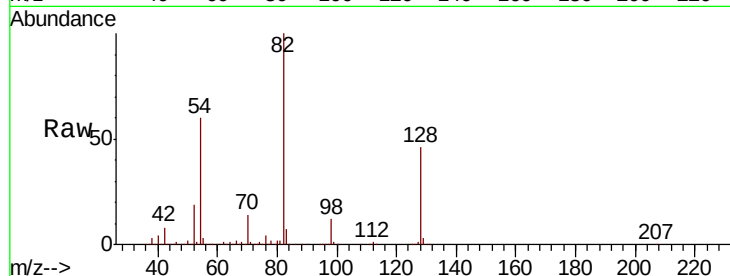




#23
Nitrobenzene-d5
Concen: 89.770 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

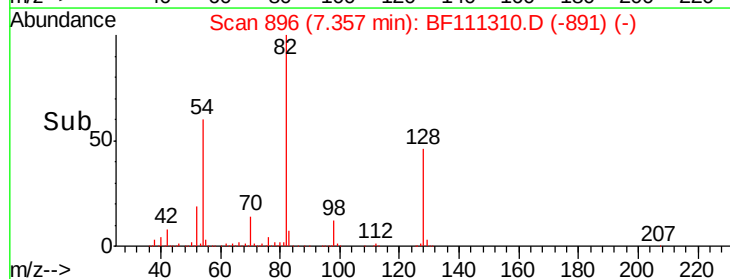
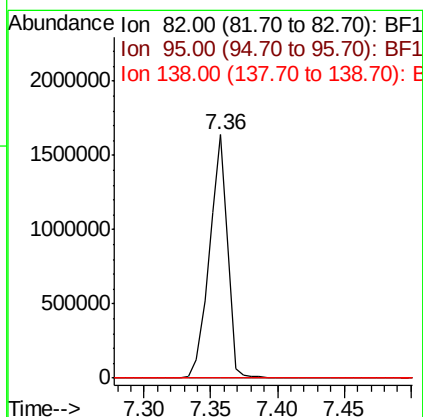
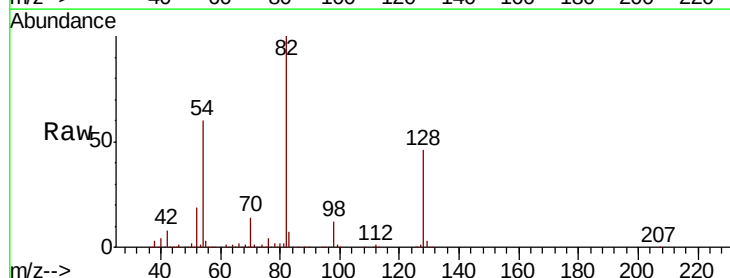
Instrument :
BNA_F
ClientSampleId :

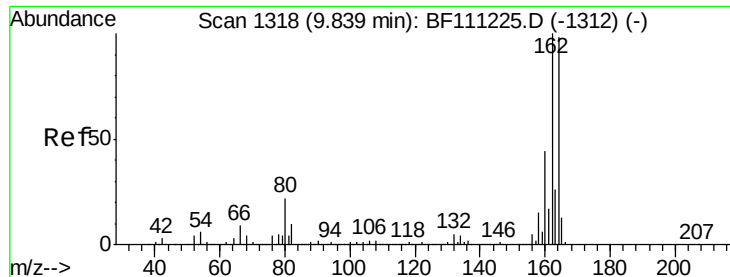
Tot Ion: 82 Resp: 1553258
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.2
54 60.1 47.6 71.4



#25
Isophorone
Concen: 52.138 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Tgt Ion: 82 Resp: 1536513
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

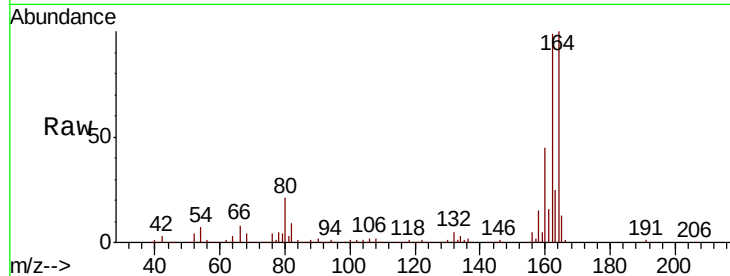




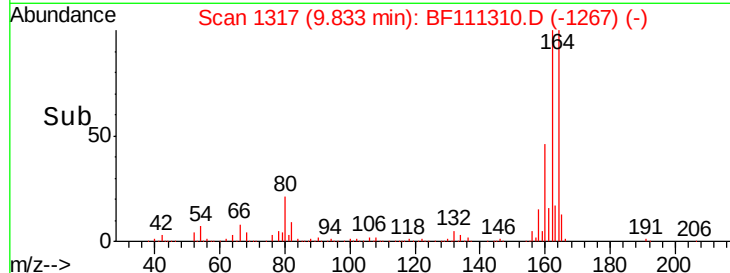
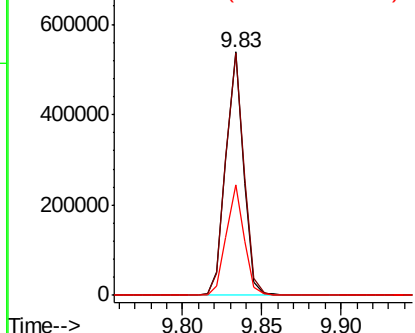
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111310.D
 Acq: 12 Dec 2018 7:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 417146
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.4 122.0
 160 45.2 35.7 53.5

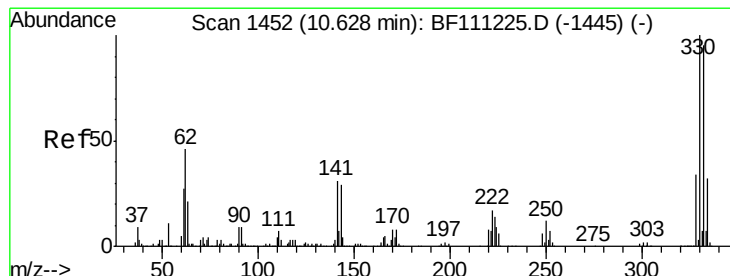


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

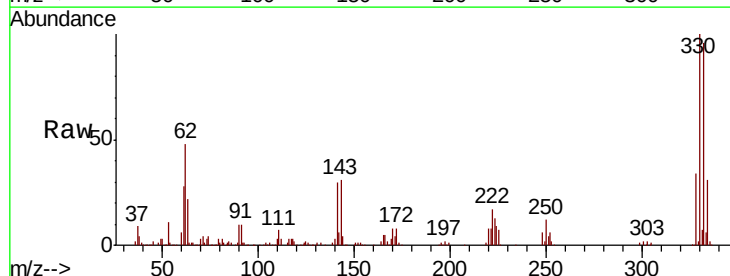
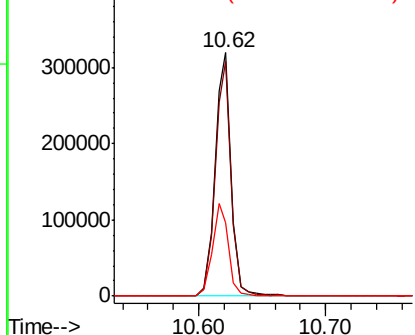


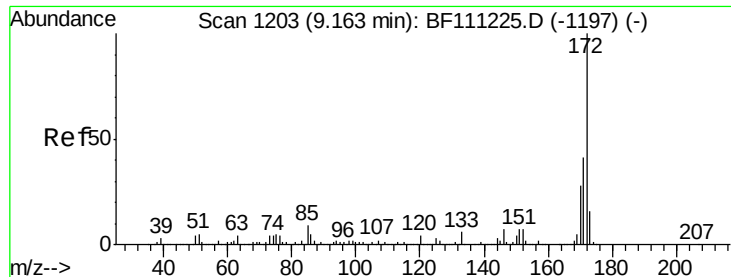
#42
 2,4,6-Tribromophenol
 Concen: 77.518 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111310.D
 Acq: 12 Dec 2018 7:41

Tgt Ion:330 Resp: 286439
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.0 114.0
 141 37.8 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

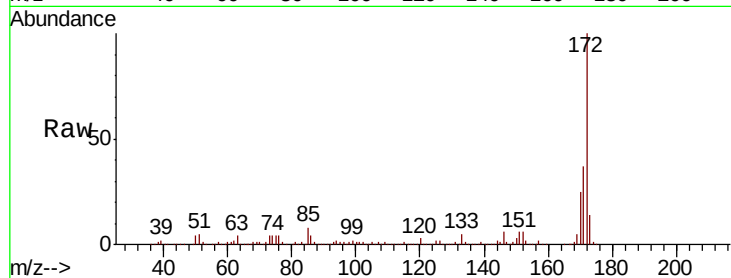




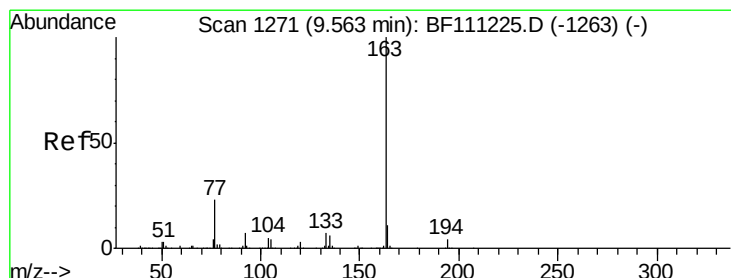
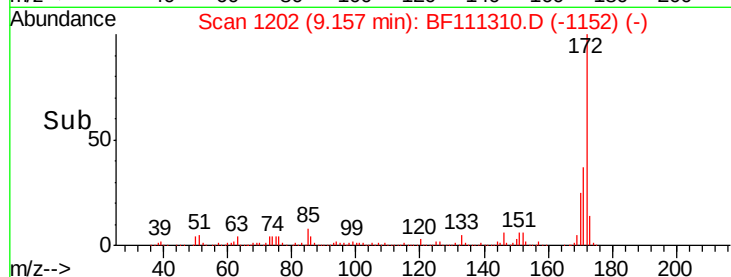
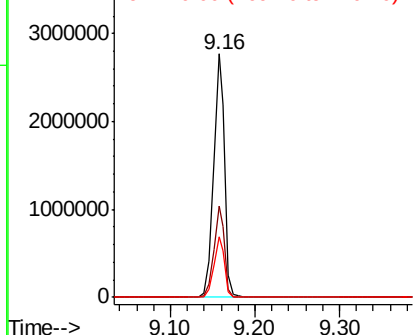
#45
2-Fluorobiphenyl
Concen: 124.248 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2588029
Ion Ratio Lower Upper
172 100
171 37.4 33.0 49.4
170 25.1 22.3 33.5

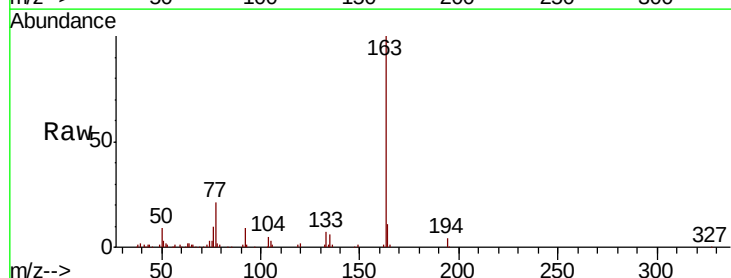


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

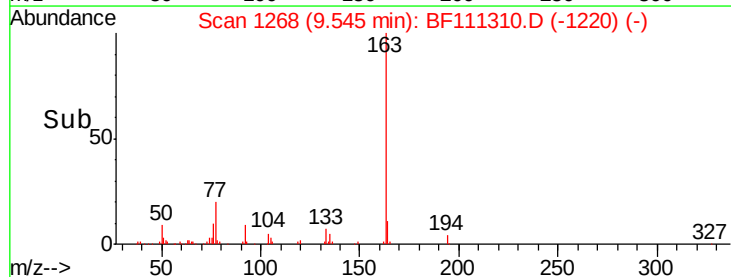
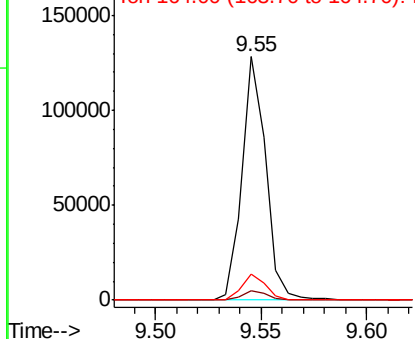


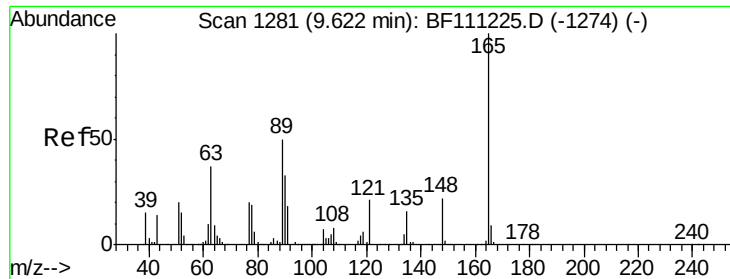
#50
Dimethylphthalate
Concen: 3.243 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Tgt Ion:163 Resp: 99808
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 8.9 13.3



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: 8.013 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF111310.D

Acq: 12 Dec 2018 7:41

Instrument :

BNA_F

ClientSampleId :

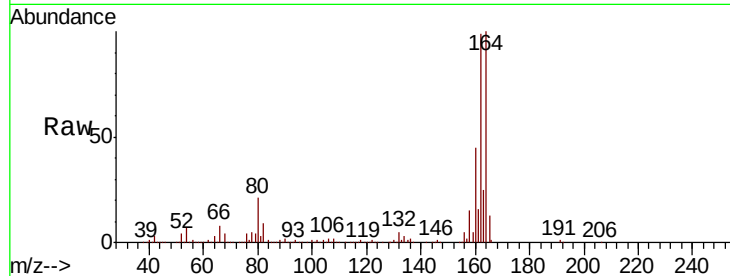
Tot Ion:165 Resp: 54467

Ion Ratio Lower Upper

165 100

63 1.2 40.5 60.7#

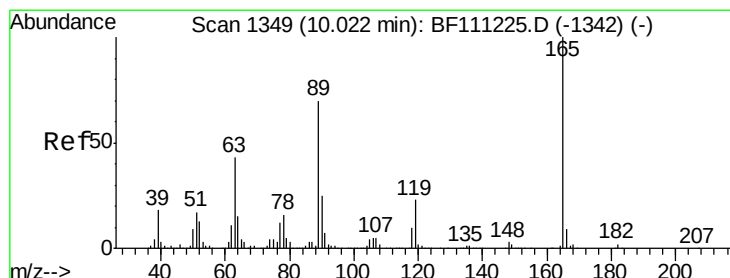
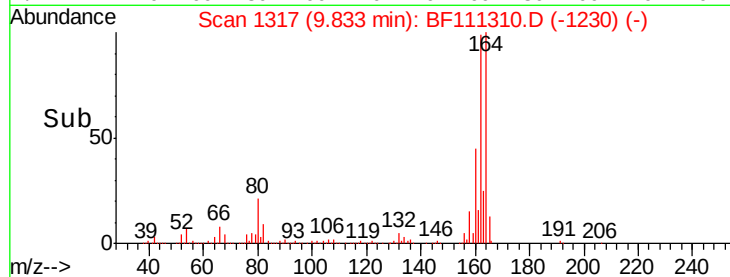
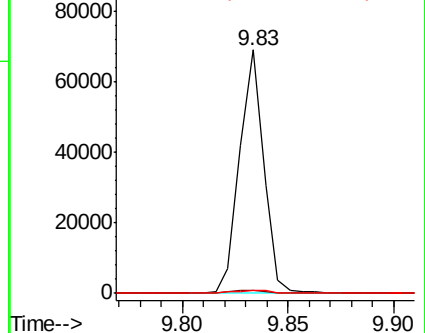
89 1.3 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 6.500 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BF111310.D

Acq: 12 Dec 2018 7:41

Tgt Ion:165 Resp: 54467

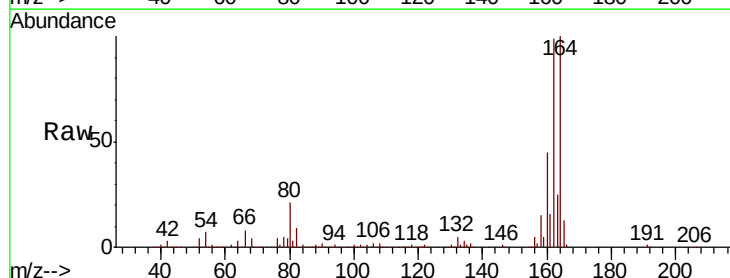
Ion Ratio Lower Upper

165 100

63 1.2 34.6 52.0#

89 1.3 56.2 84.4#

182 0.0 1.8 2.6#

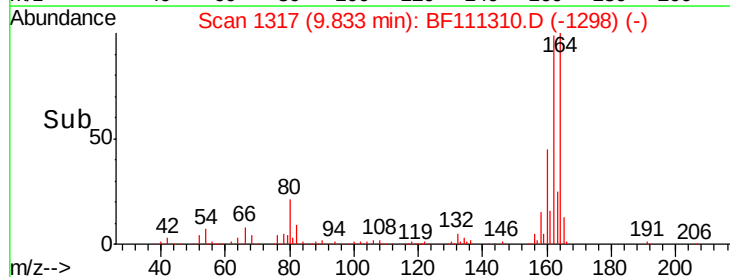
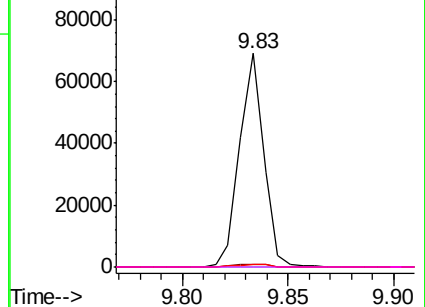


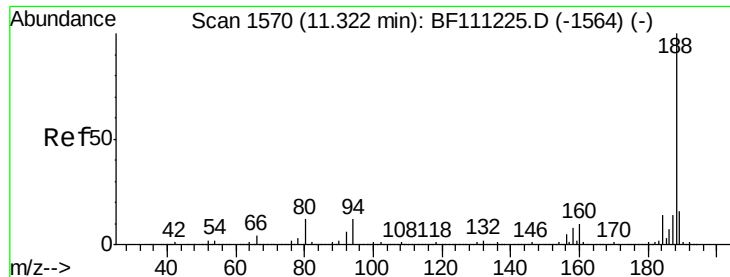
Abundance Ion 165.00 (164.70 to 165.70): E

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

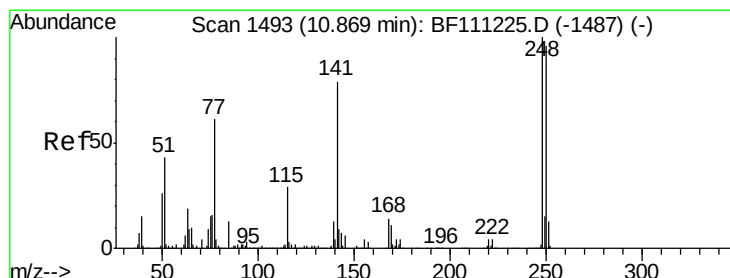
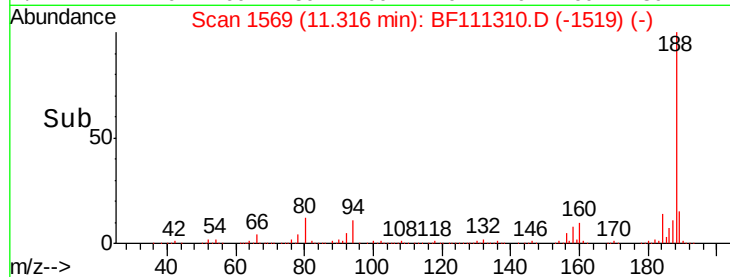
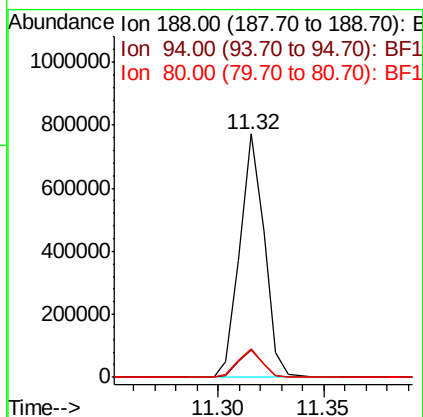
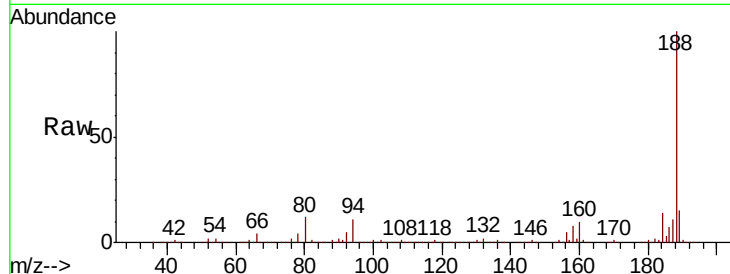




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

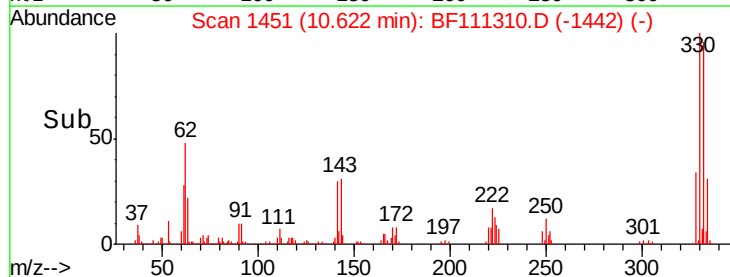
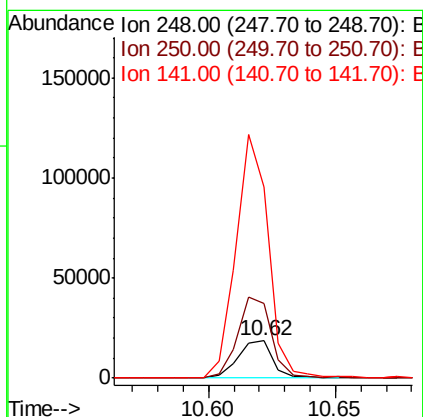
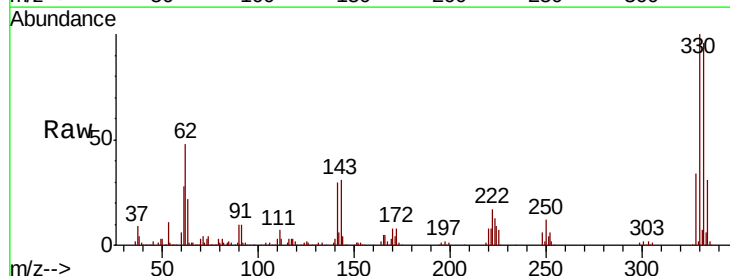
Instrument :
BNA_F
ClientSampleId :

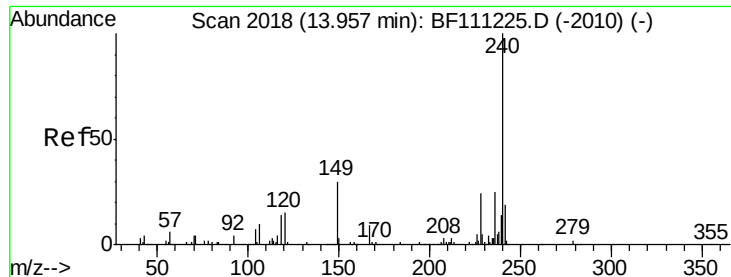
Tot Ion:188 Resp: 620650
Ion Ratio Lower Upper
188 100
94 11.1 9.6 14.4
80 11.5 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 2.592 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Tgt Ion:248 Resp: 17622
Ion Ratio Lower Upper
248 100
250 199.8 77.0 115.4#
141 514.7 63.0 94.6#

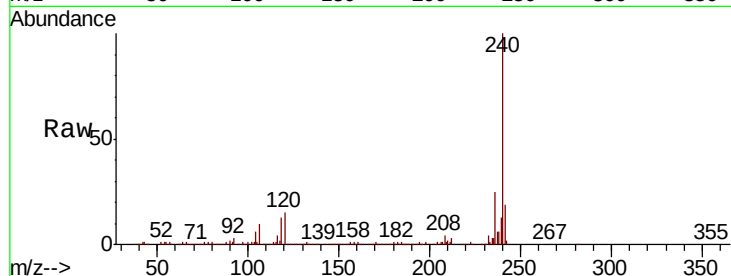




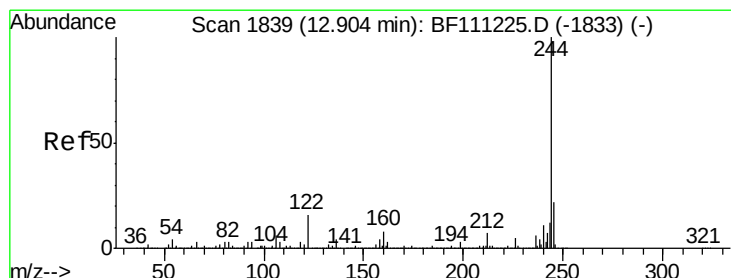
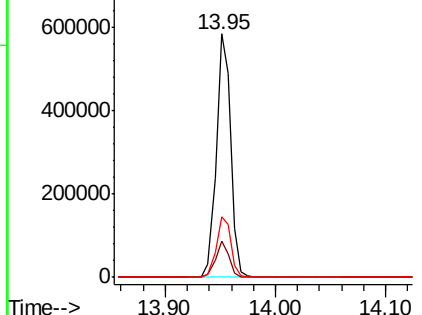
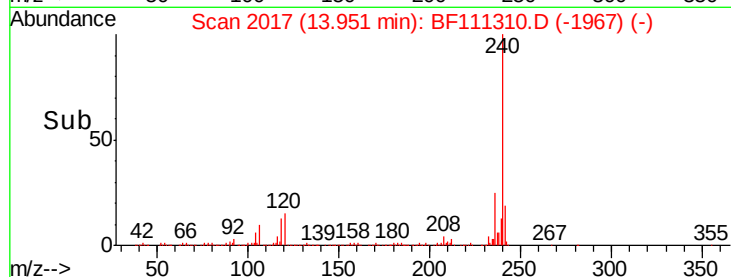
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111310.D
 Acq: 12 Dec 2018 7:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.2	18.2
236	24.9	20.2	30.2

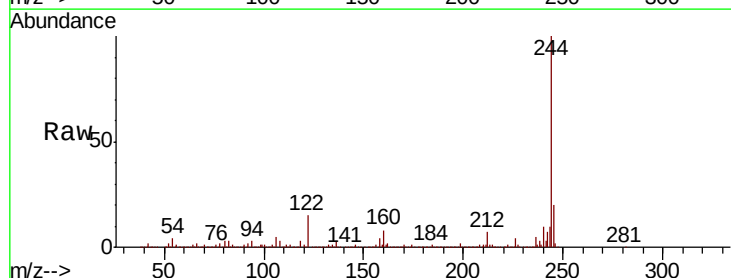


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

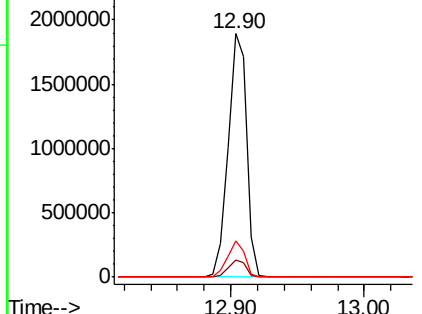
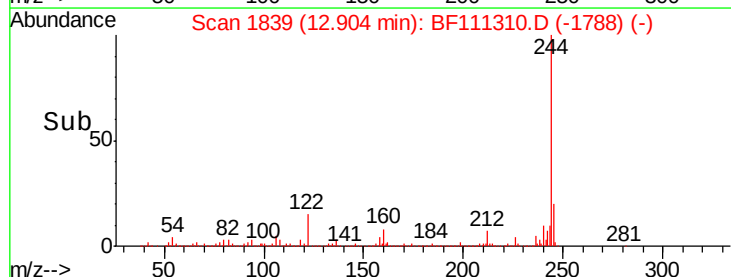


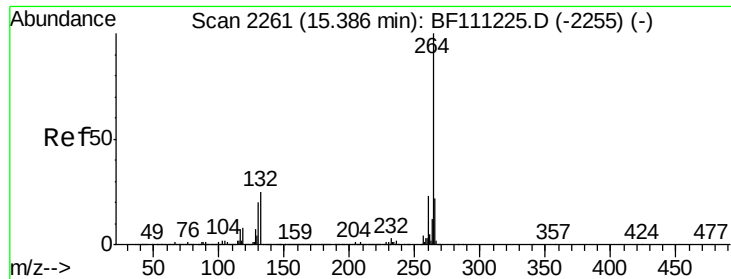
#79
 Terphenyl-d14
 Concen: 84.499 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111310.D
 Acq: 12 Dec 2018 7:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	14.8	13.1	19.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111310.D
Acq: 12 Dec 2018 7:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.7	17.7	26.5

