

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111404.D
 Acq On : 14 Dec 2018 8:01
 Operator : JU/SJ
 Sample : J6326-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 09:42:41 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	218227	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	887525	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	376510	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	723080	20.00	ng	0.00
76) Chrysene-d12	13.94	240	485072	20.00	ng	-0.01
87) Perylene-d12	15.38	264	395810	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	611528	47.39	ng	0.00
7) Phenol-d6	6.43	99	458851	26.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	1404725	89.21	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	321957	97.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2358959	100.59	ng	0.00
79) Terphenyl-d14	12.90	244	2161554	98.08	ng	0.00

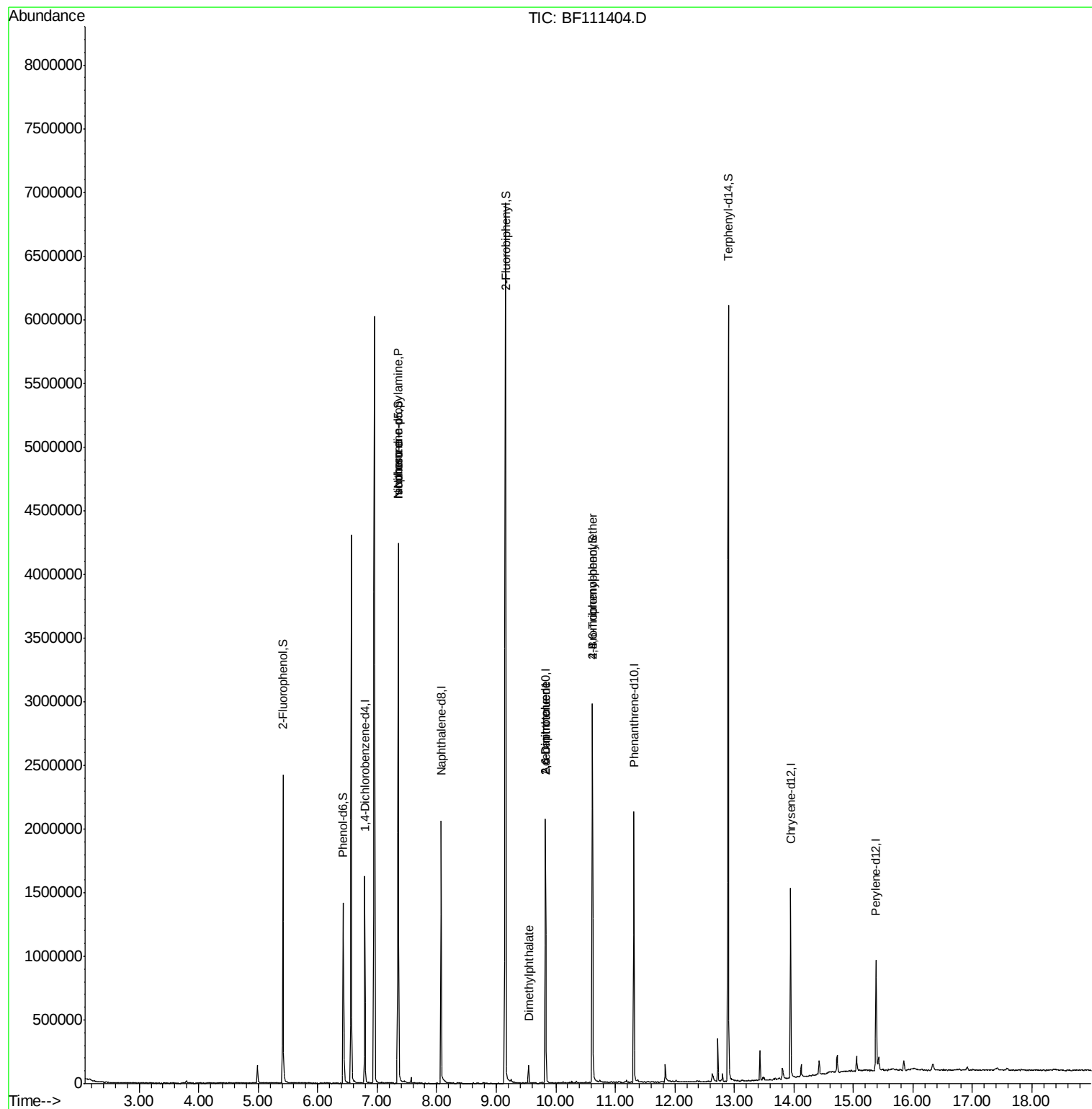
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	946	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.36	70	184326	15.942	ng	# 78
25) Isophorone	7.36	82	1379835	51.587	ng	# 64
50) Dimethylphthalate	9.55	163	62363	2.303	ng	# 97
51) 2,6-Dinitrotoluene	9.83	165	47802	7.965	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	47802	6.215	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	20972	2.605	ng	# 1

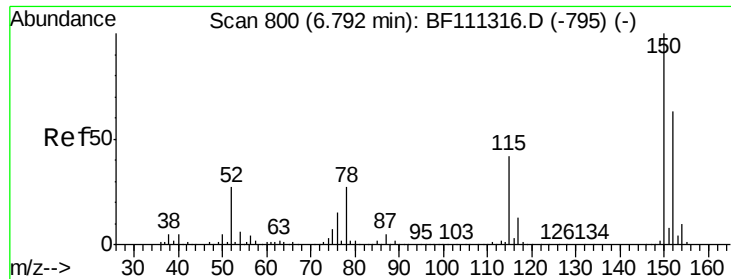
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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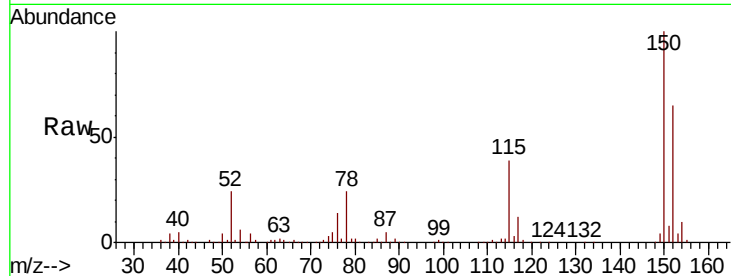


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.6	189.8
115	60.3	50.7	76.1

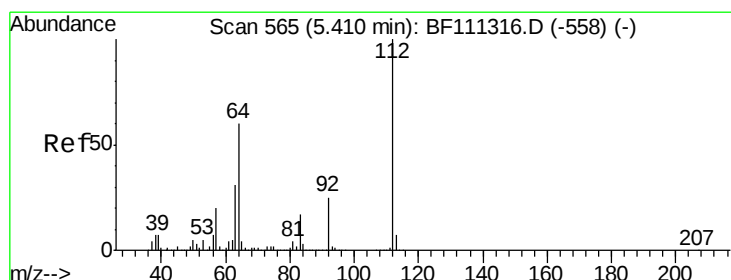
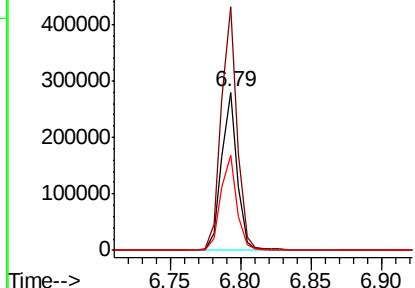
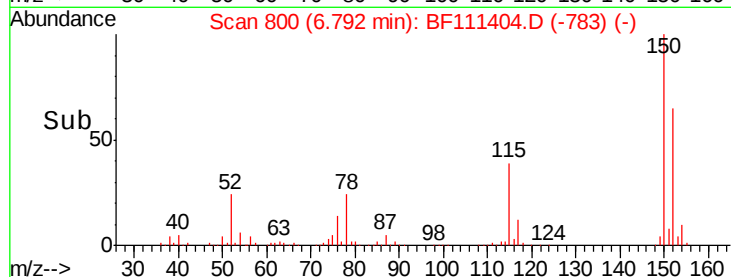


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

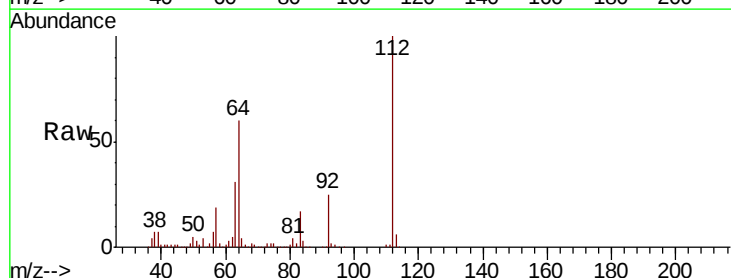
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.387 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.8	77.6
63	30.7	26.8	40.2

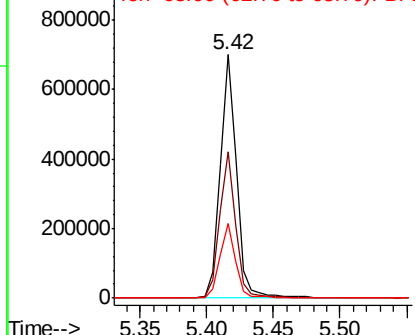
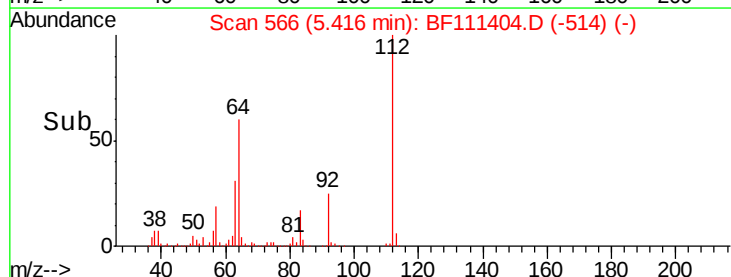


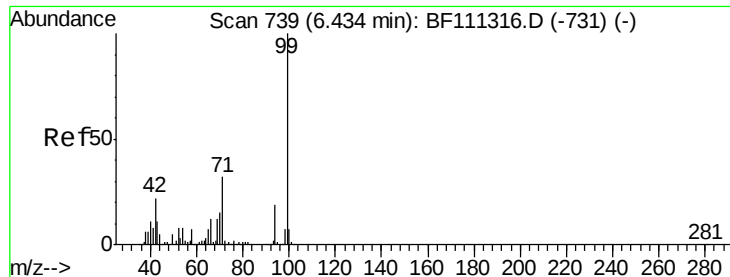
Abundance

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: 26.372 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

Instrument :

BNA_F

ClientSampled :

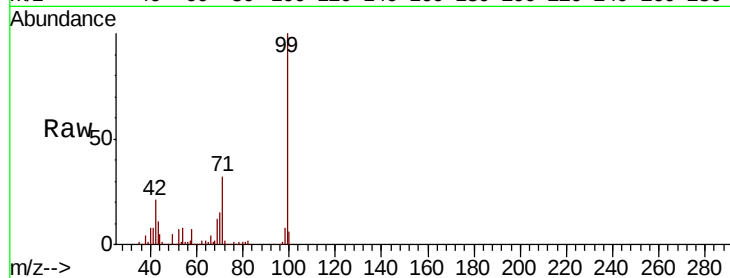
Tot Ion: 99 Resp: 458851

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

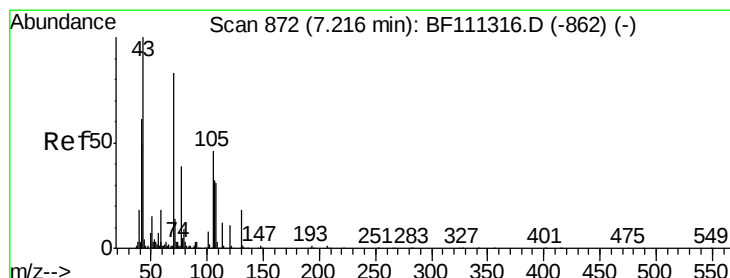
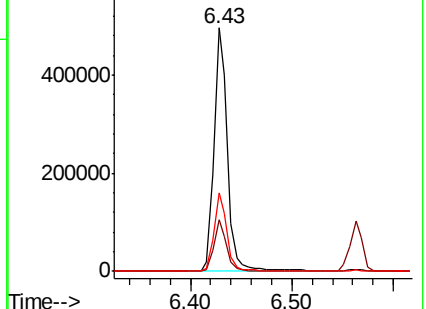
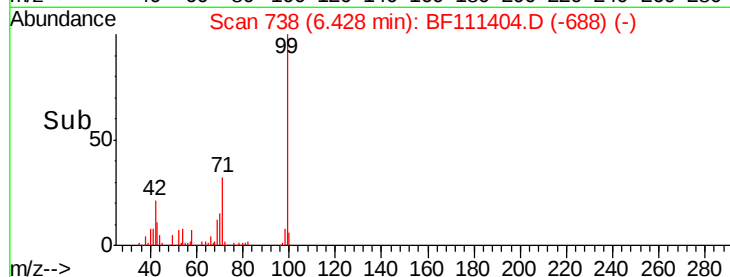
71 32.1 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.942 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

Tgt Ion: 70 Resp: 184326

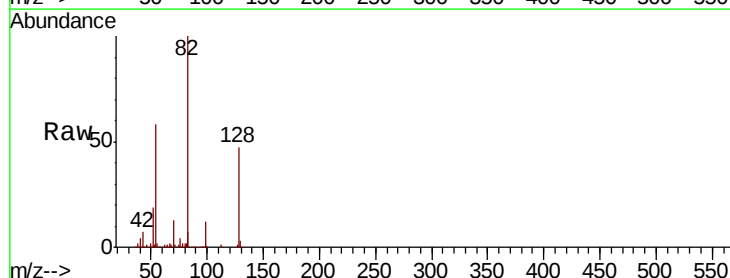
Ion Ratio Lower Upper

70 100

42 55.8 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#

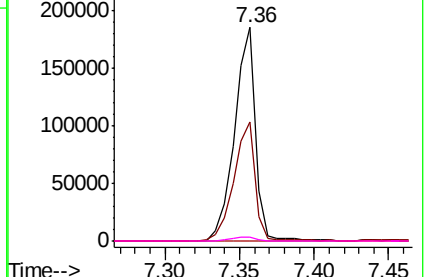
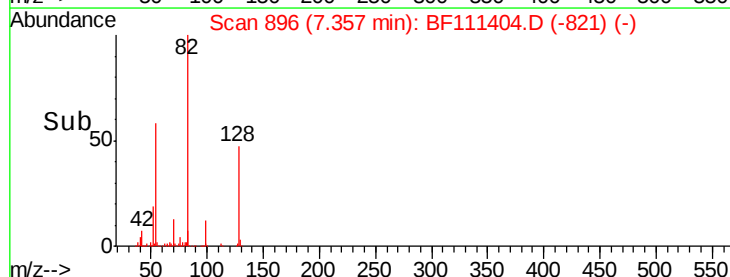


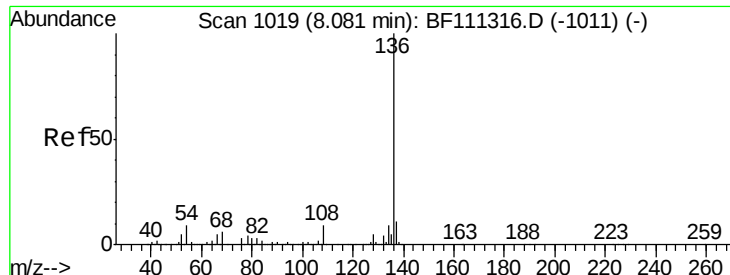
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

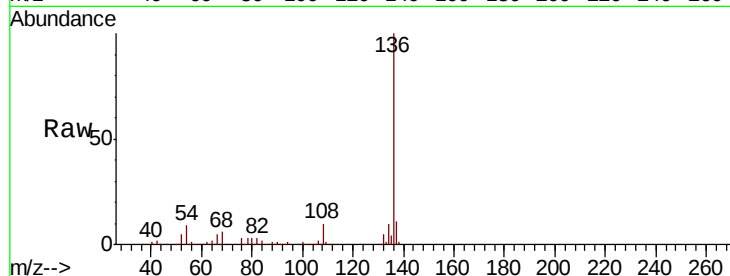




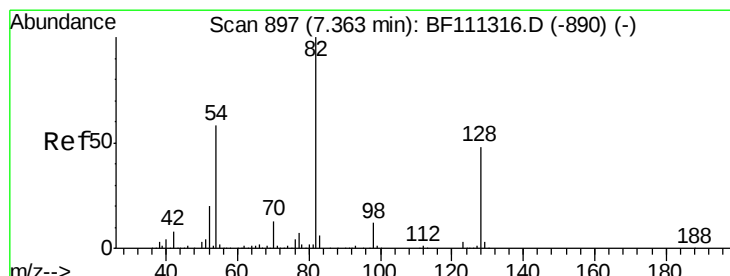
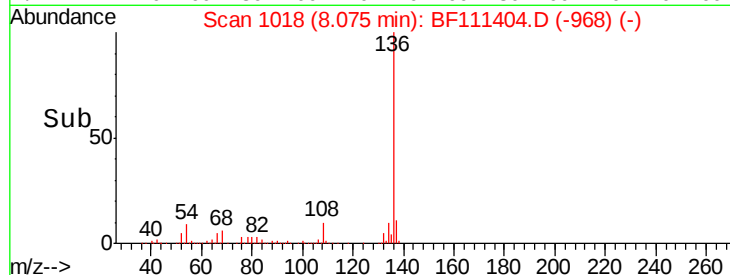
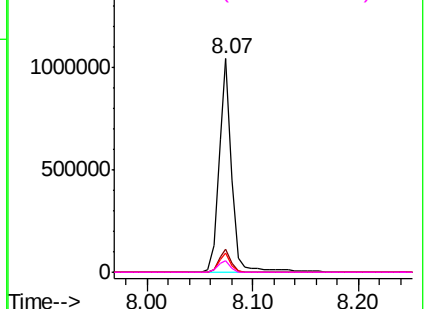
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	887525	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.1	13.7	
54 8.9	7.7	11.5	
68 5.5	4.9	7.3	

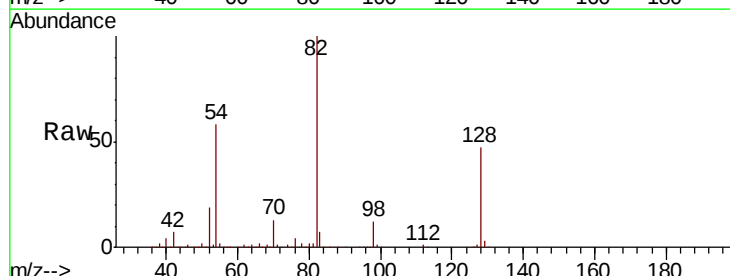


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

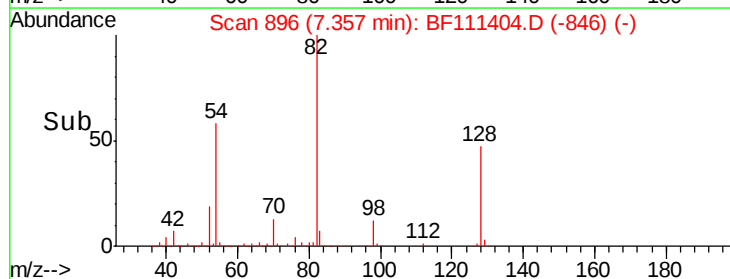
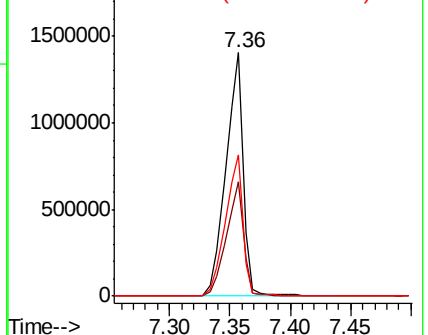


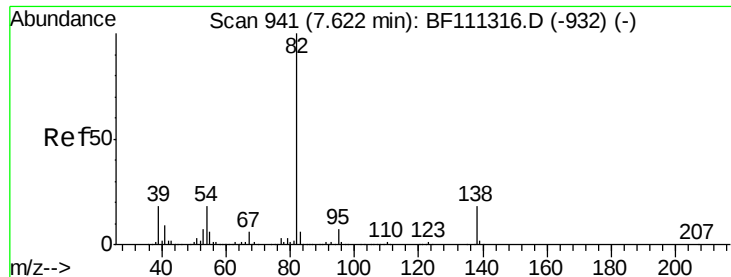
#23
Nitrobenzene-d5
Concen: 89.209 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Tgt Ion: 82	Resp: 1404725
Ion Ratio	Lower Upper
82 100	
128 47.0	37.4 56.2
54 57.8	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: 51.587 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

Instrument :

BNA_F

ClientSampled :

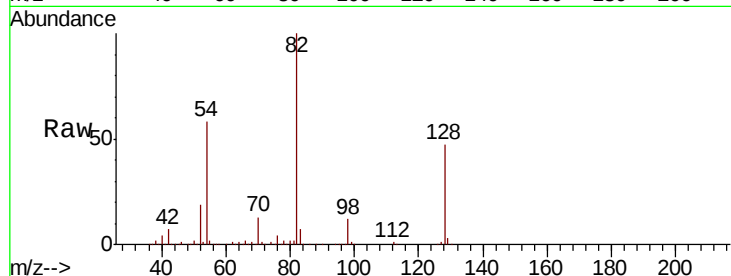
Tot Ion: 82 Resp: 1379835

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

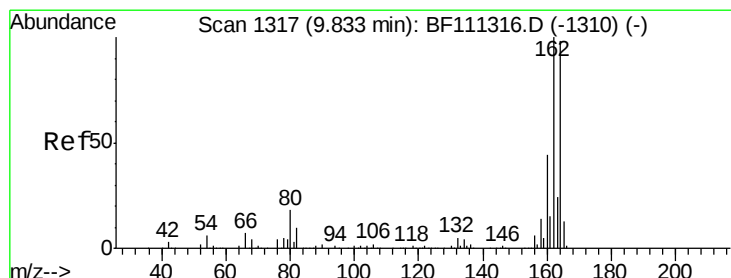
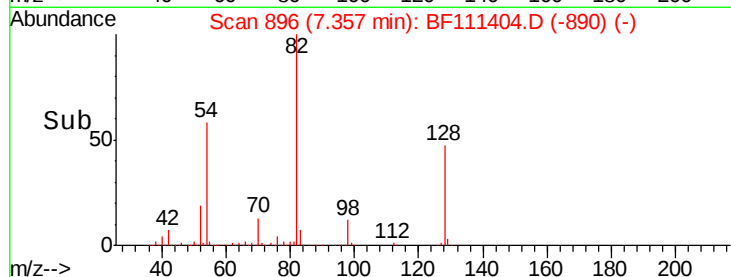
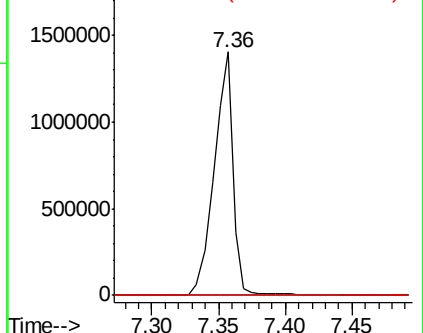
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

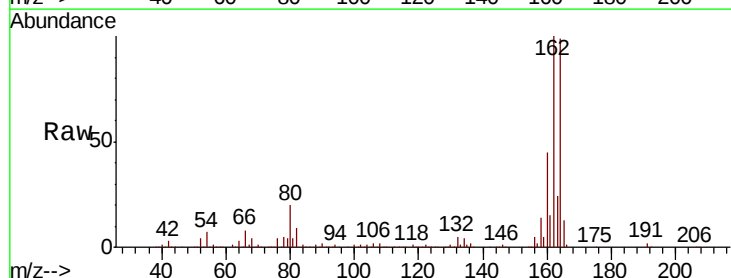
Tgt Ion:164 Resp: 376510

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

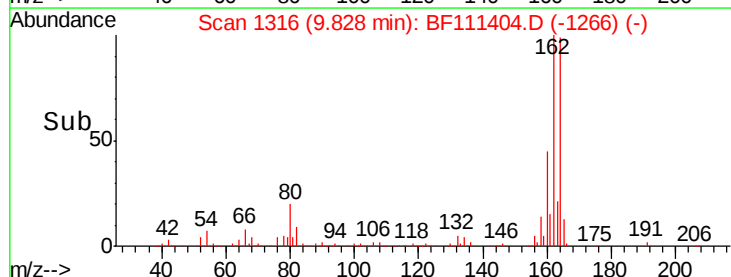
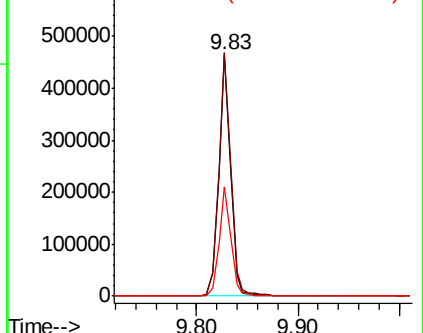
160 45.0 35.7 53.5

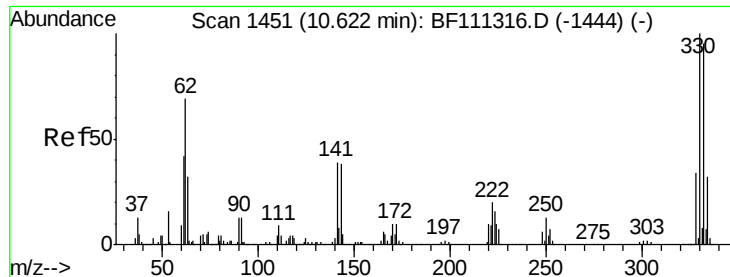


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 97.005 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

Instrument :

BNA_F

ClientSampleId :

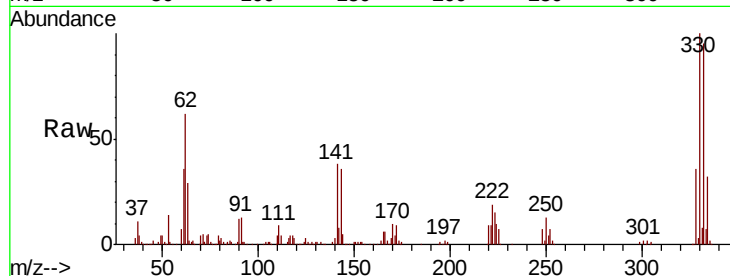
Tot Ion:330 Resp: 321957

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

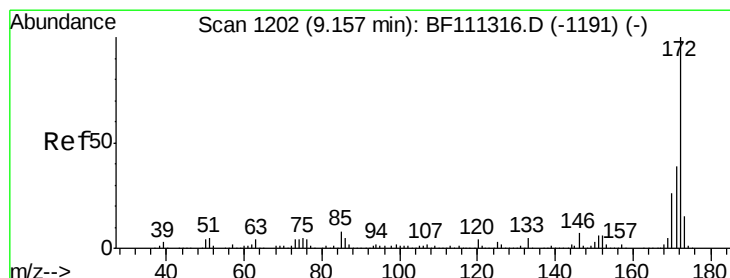
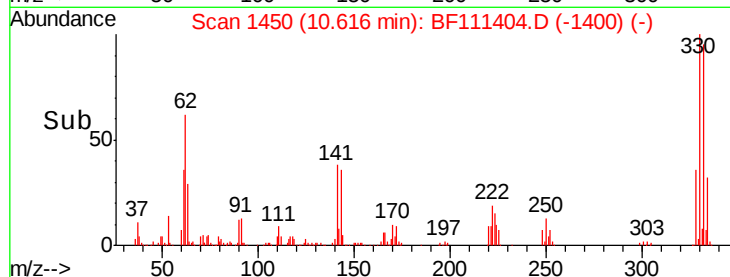
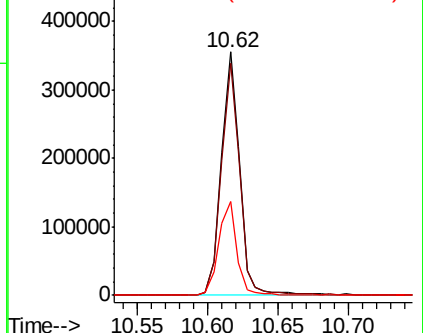
141 38.7 31.0 46.6



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: 100.589 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

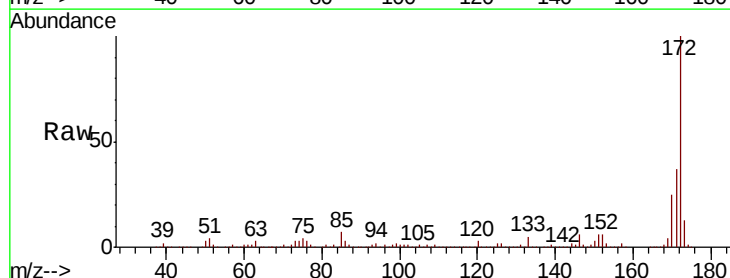
Tgt Ion:172 Resp: 2358959

Ion Ratio Lower Upper

172 100

171 37.2 33.0 49.4

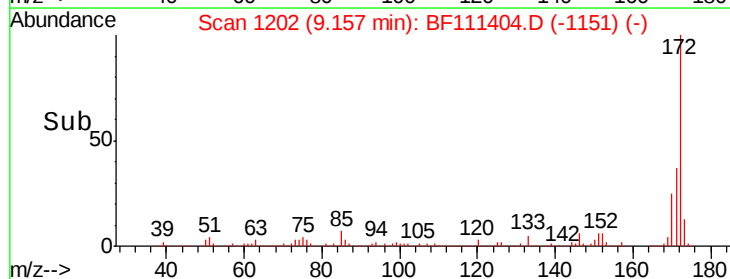
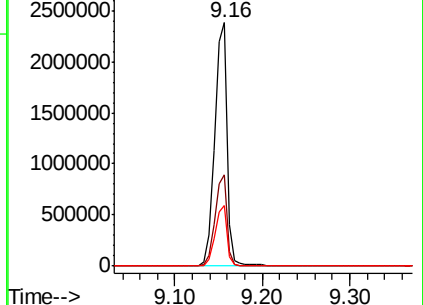
170 24.8 22.3 33.5

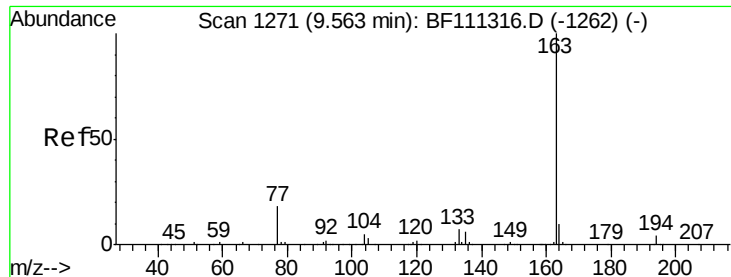


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

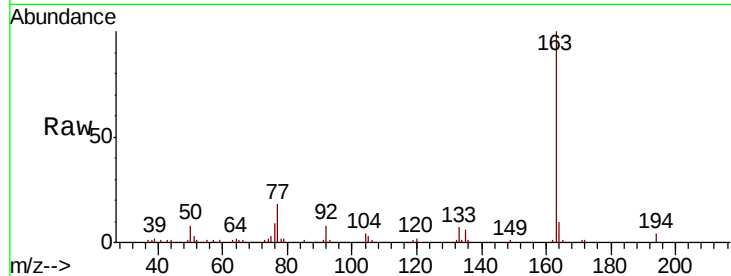




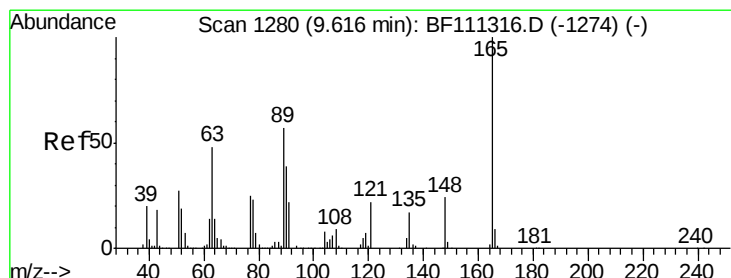
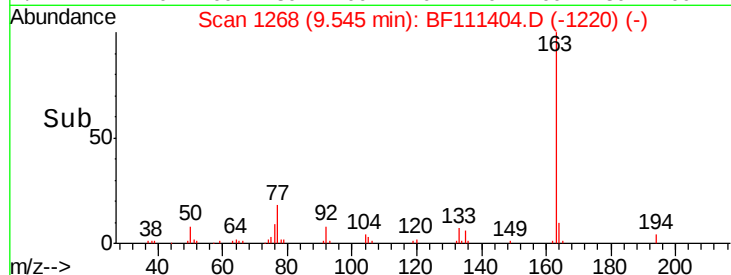
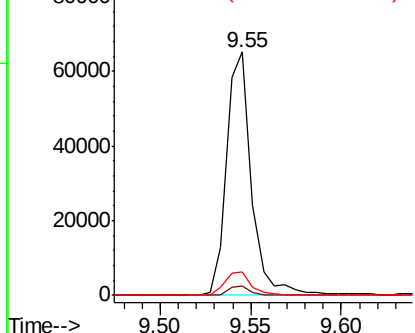
#50
Dimethylphthalate
Concen: 2.303 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.8	8.9	13.3

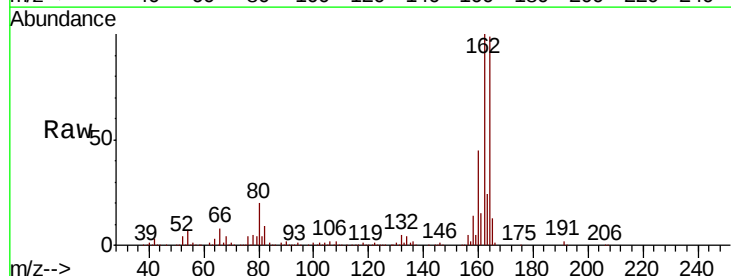


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

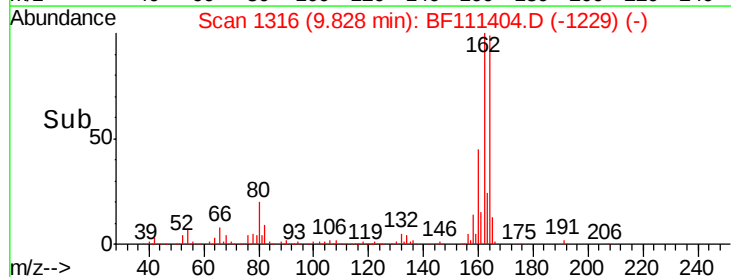
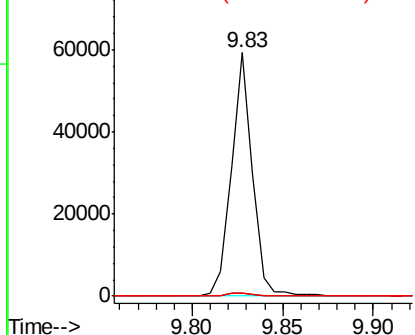


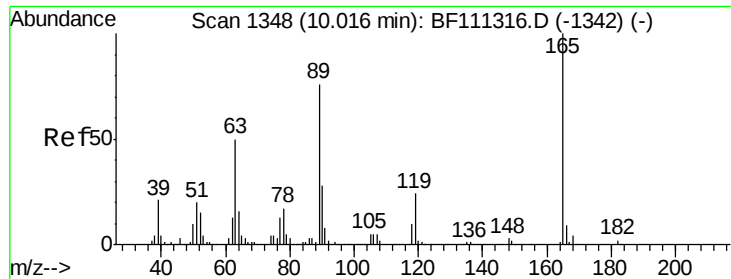
#51
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.2	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

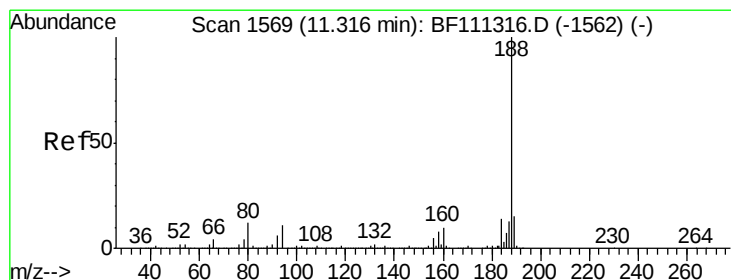
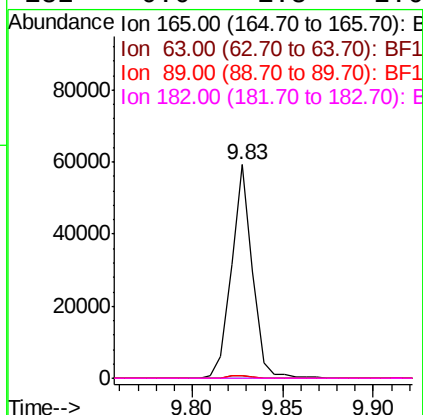
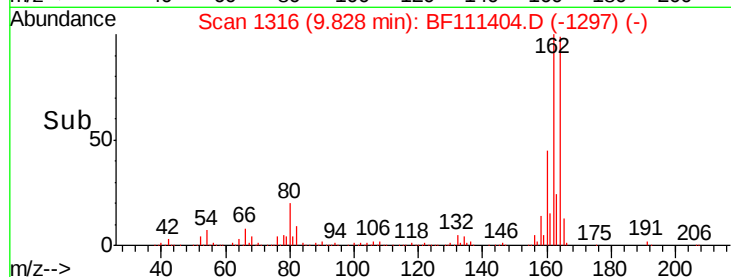
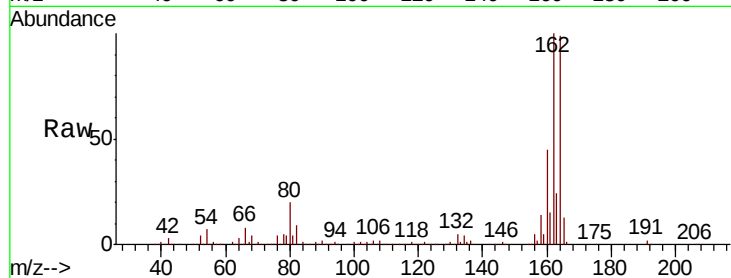




#57
 2,4-Dinitrotoluene
 Concen: 6.215 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111404.D
 Acq: 14 Dec 2018 8:01

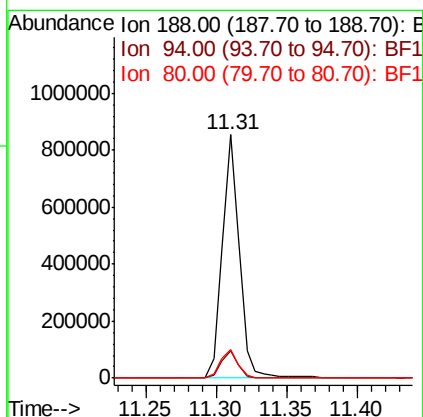
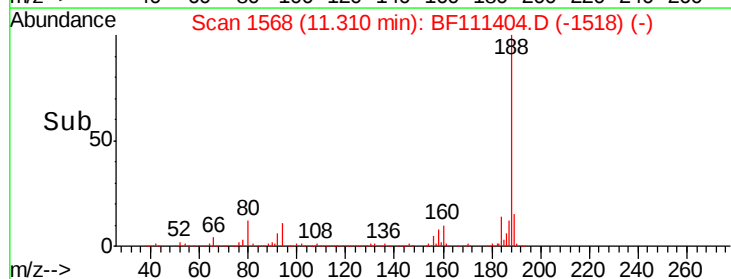
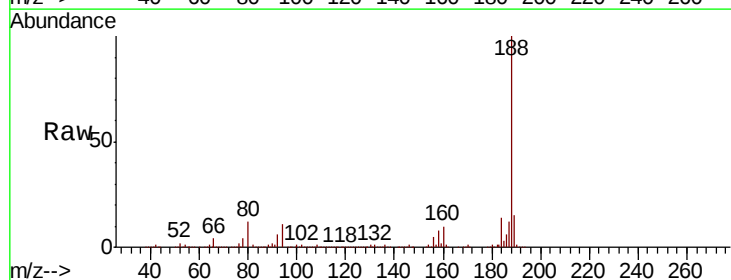
Instrument :
 BNA_F
 ClientSampleId :

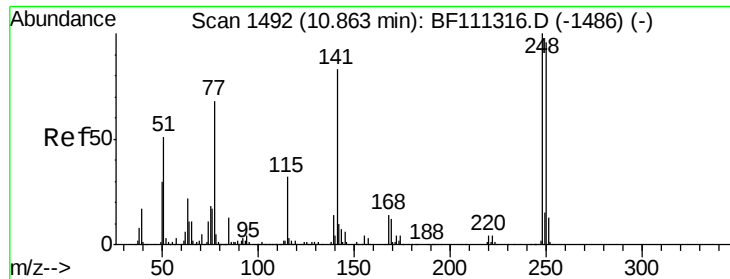
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111404.D
 Acq: 14 Dec 2018 8:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	11.9	9.8	14.6

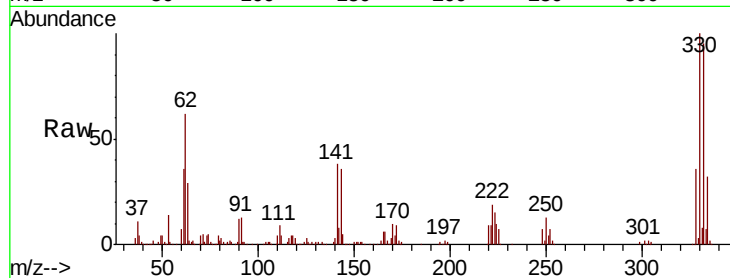




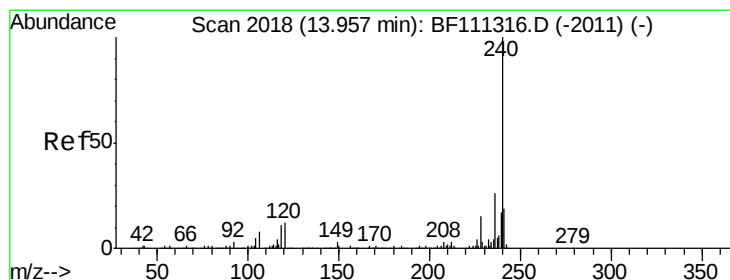
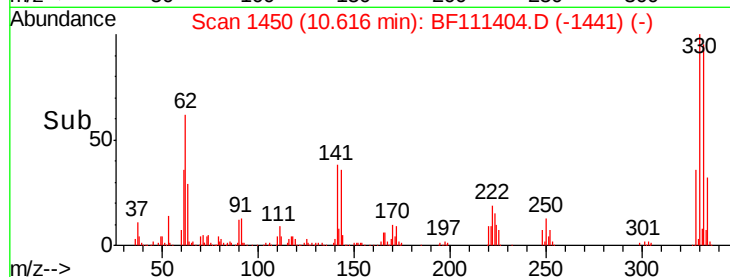
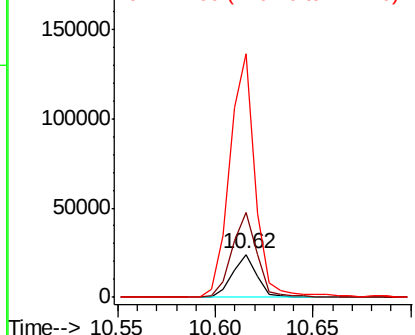
#67
4-Bromophenyl-phenylether
Concen: 2.605 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20972
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.4#
141 562.8 63.0 94.6#

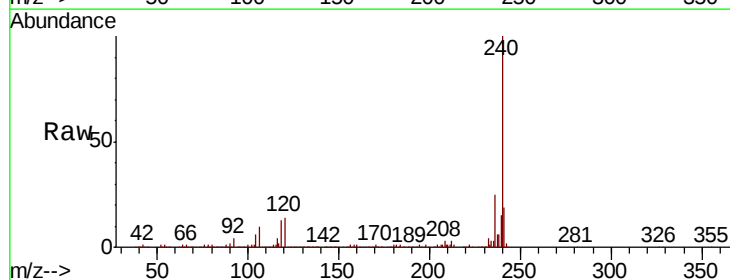


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

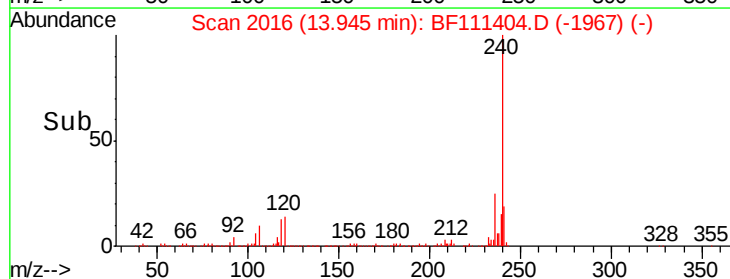
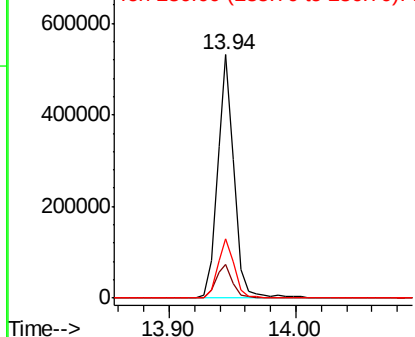


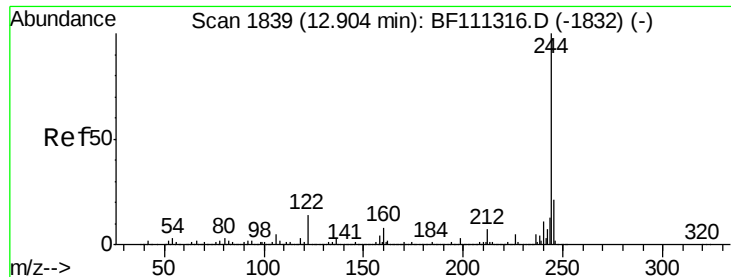
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111404.D
Acq: 14 Dec 2018 8:01

Tgt Ion:240 Resp: 485072
Ion Ratio Lower Upper
240 100
120 14.1 12.2 18.2
236 24.6 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: 98.077 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

Instrument :

BNA_F

ClientSampled :

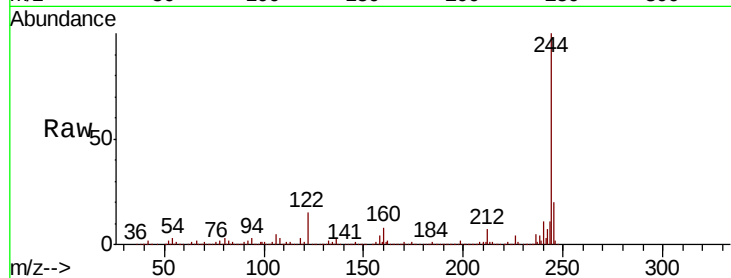
Tot Ion:244 Resp: 2161554

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

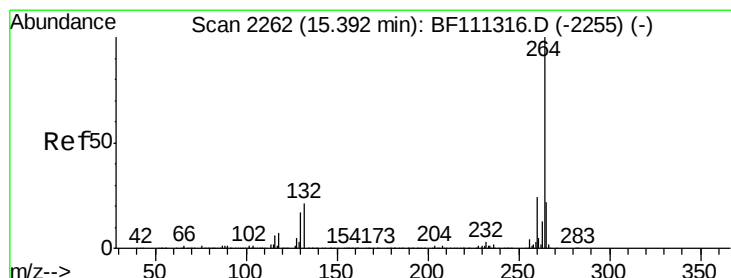
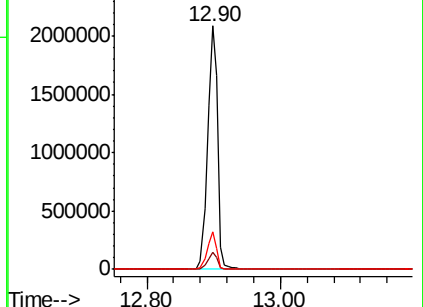
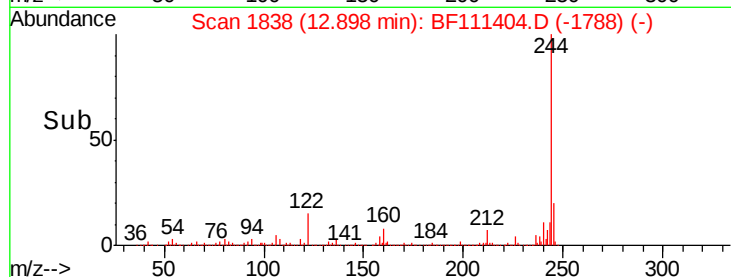
122 15.3 13.1 19.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111404.D

Acq: 14 Dec 2018 8:01

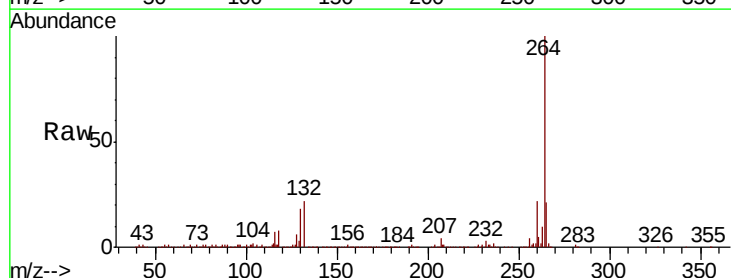
Tgt Ion:264 Resp: 395810

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 21.3 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

