

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112396.D
 Acq On : 5 Feb 2019 15:27
 Operator : JU/SJ
 Sample : K1350-03 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 16:22:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

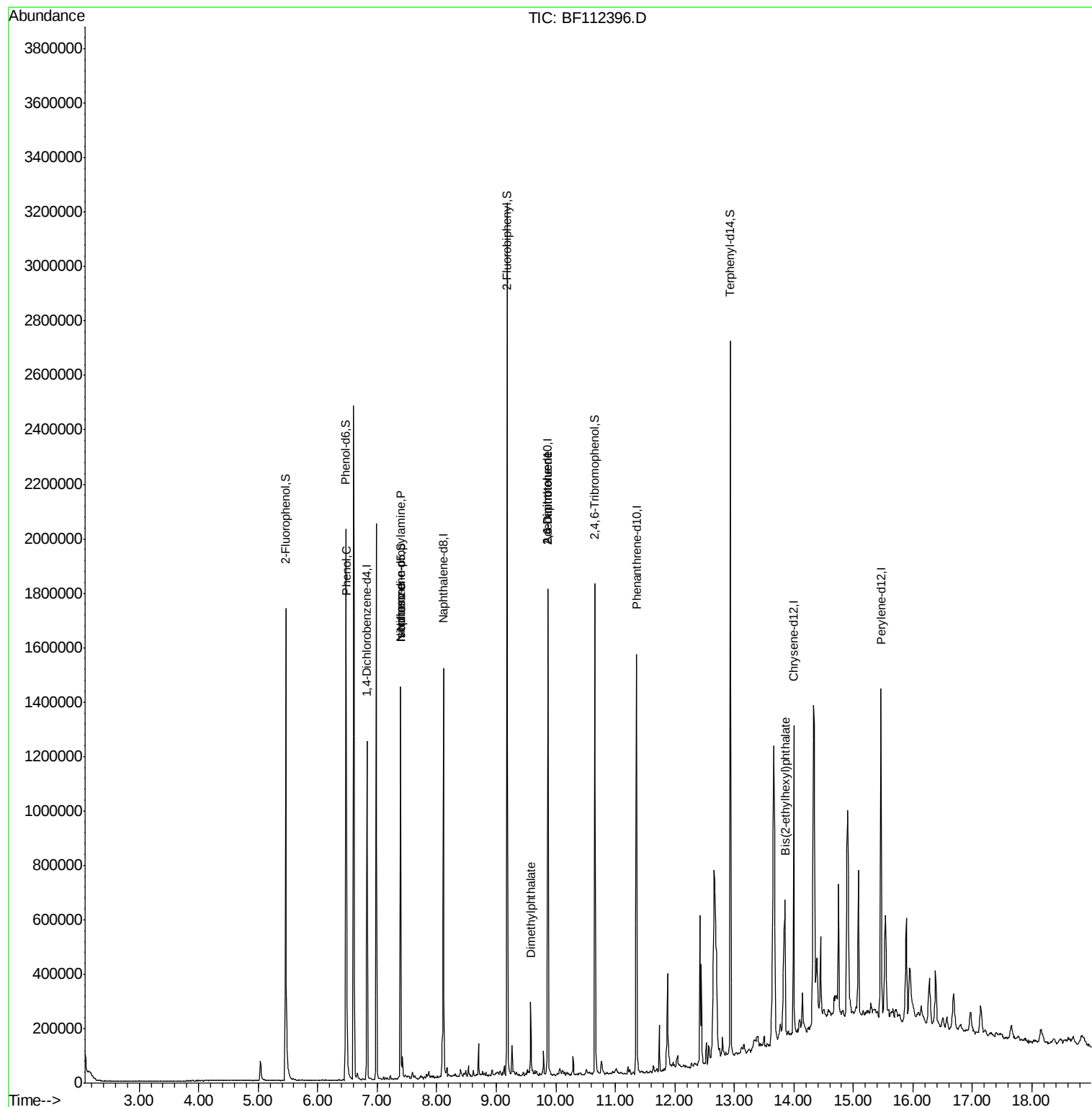
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174965	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	689223	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	334102	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	610502	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363352	20.00	ng	-0.01
87) Perylene-d12	15.46	264	342447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	560819	68.08	ng	-0.02
7) Phenol-d6	6.47	99	716740	62.62	ng	-0.02
23) Nitrobenzene-d5	7.39	82	440419	36.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	217463	55.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	936305	39.64	ng	-0.02
79) Terphenyl-d14	12.93	244	829958	43.02	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	38618	3.075	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	59224	7.504	ng	# 76
25) Isophorone	7.39	82	440419	23.470	ng	# 64
50) Dimethylphthalate	9.58	163	100387	3.867	ng	100
51) 2,6-Dinitrotoluene	9.87	165	44923	7.727	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	44923	6.070	ng	# 32
84) Bis(2-ethylhexyl)phthalate	13.85	149	200423	11.601	ng	# 53

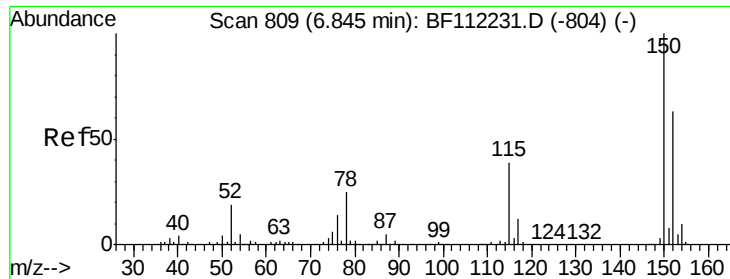
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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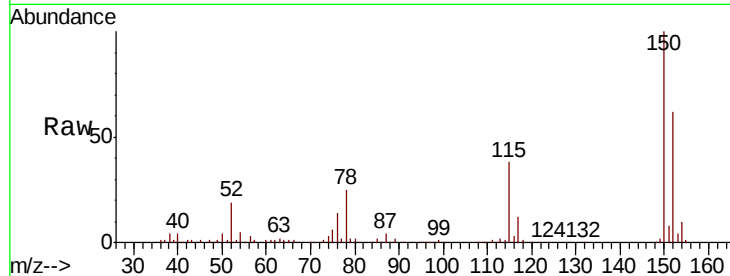


#1

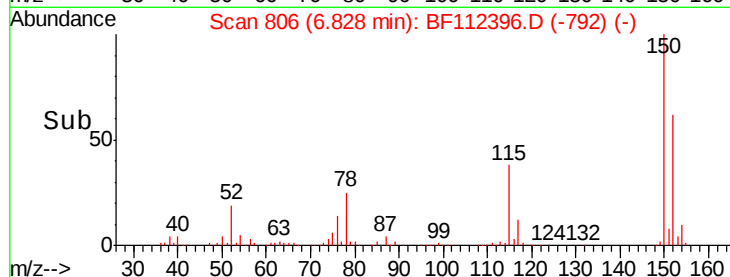
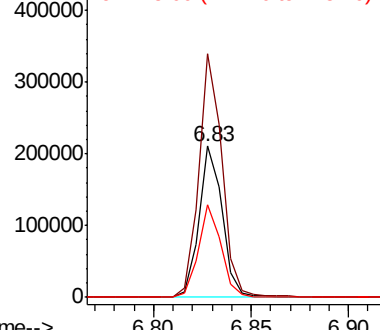
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174965
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.0
115 61.5 45.5 68.3



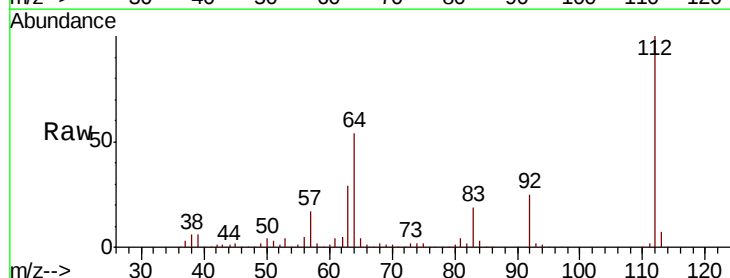
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



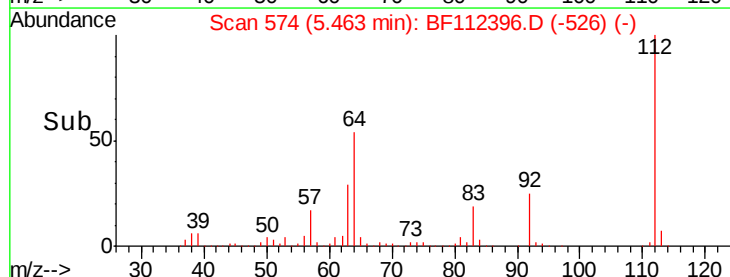
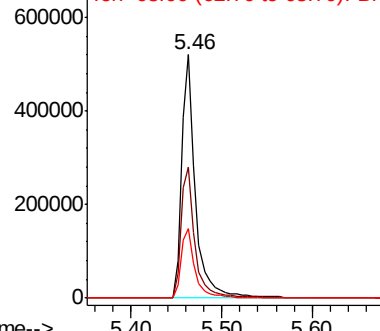
#5

2-Fluorophenol
Concen: 68.083 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion:112 Resp: 560819
Ion Ratio Lower Upper
112 100
64 54.0 45.7 68.5
63 28.5 23.6 35.4



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: 62.619 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

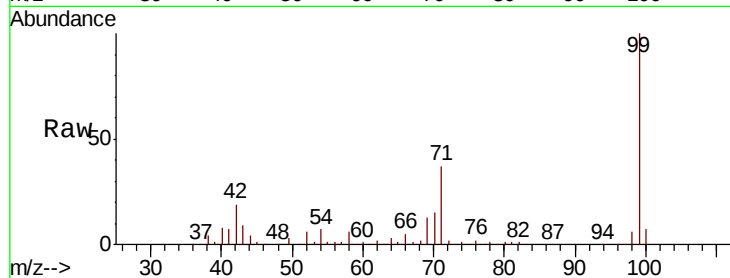
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 716740

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	36.5	26.9	40.3

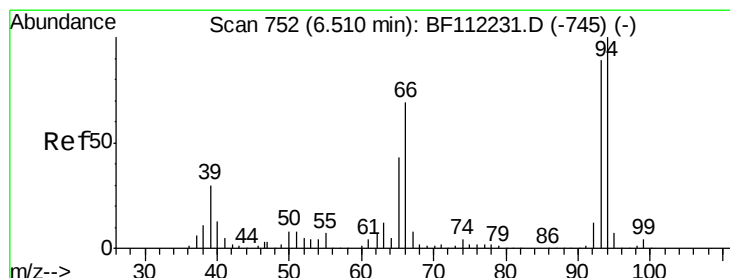
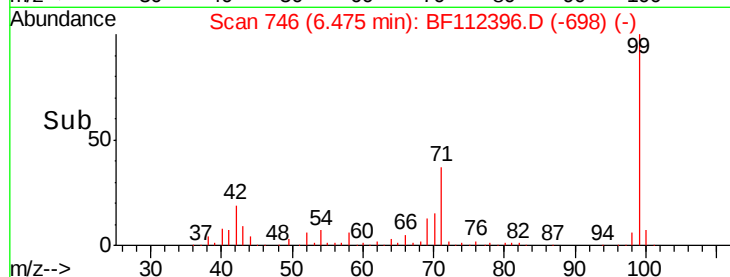
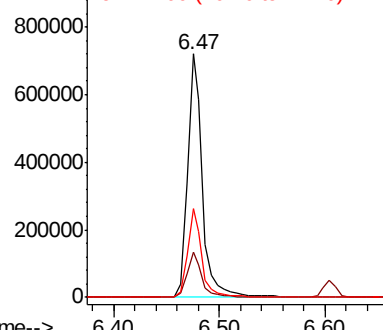


Abundance

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: 3.075 ng

RT: 6.49 min Scan# 748

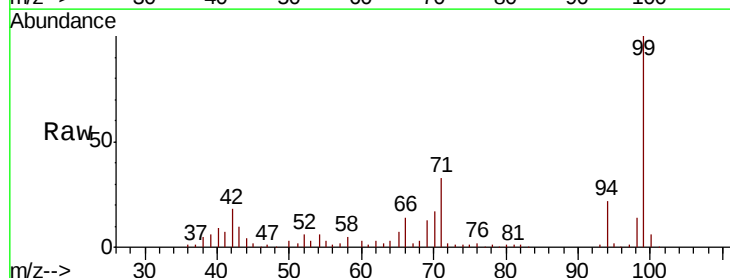
Delta R.T. -0.02 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

Tgt Ion: 94 Resp: 38618

Ion	Ratio	Lower	Upper
94	100		
65	33.5	20.3	60.3
66	63.8	42.4	82.4

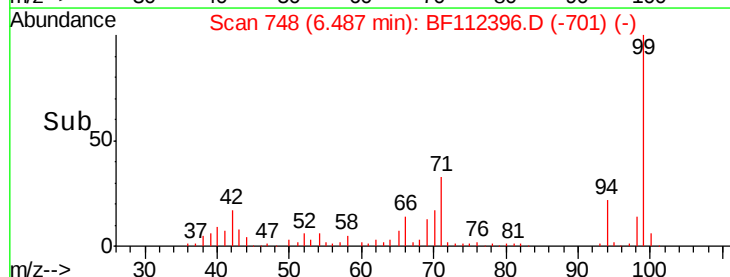
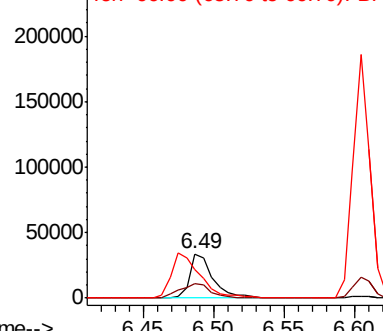


Abundance

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

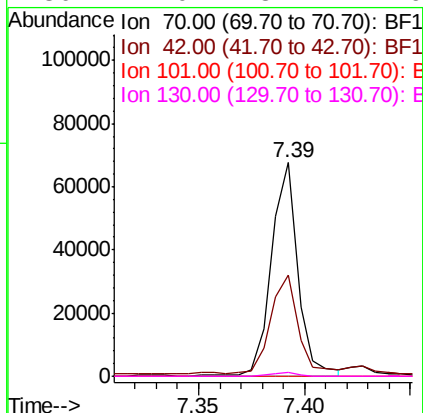
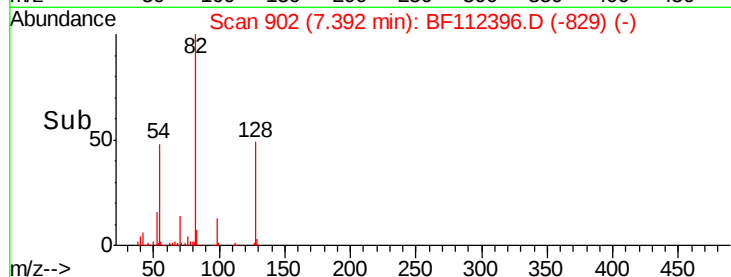
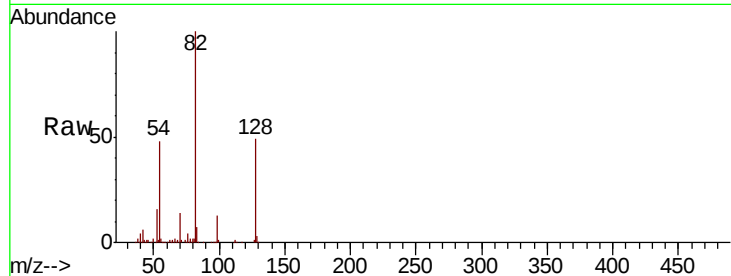




#19
n-Nitroso-di-n-propylamine
Concen: 7.504 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

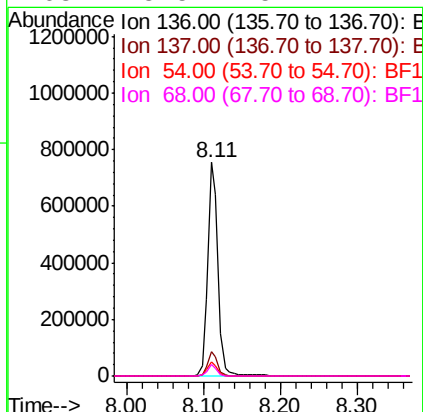
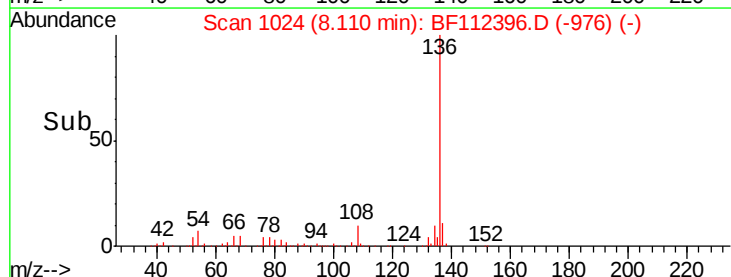
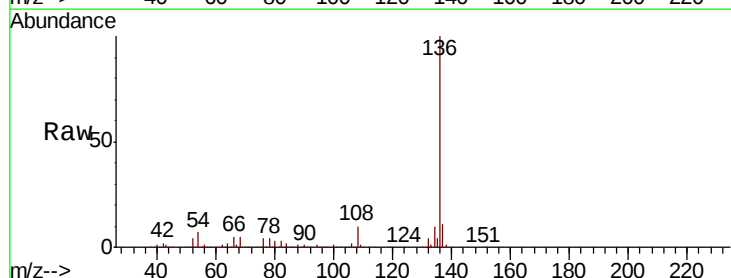
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 59224
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 7.9 11.9#
130 2.0 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion: 136 Resp: 689223
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 6.8 5.9 8.9
68 5.5 5.1 7.7

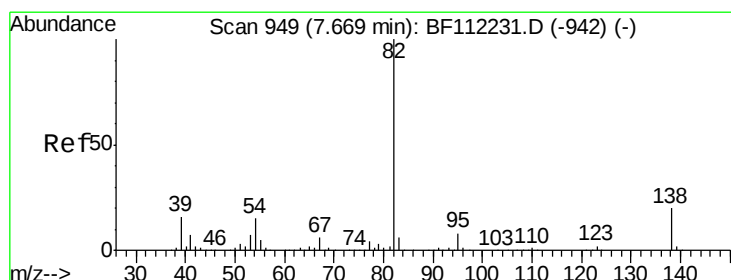
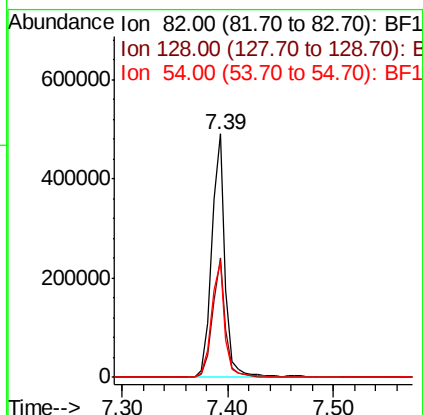
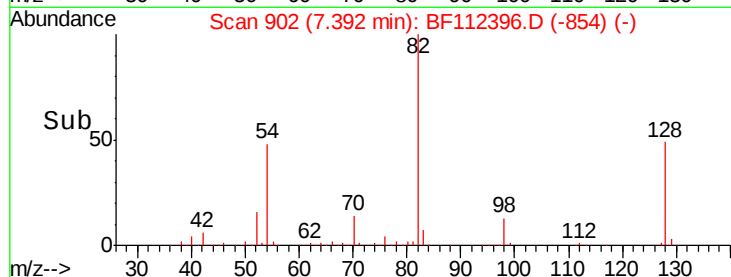
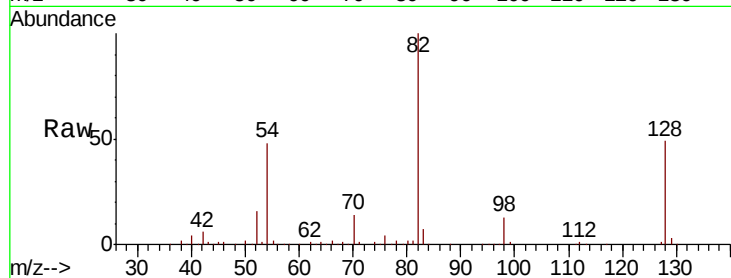




#23
Nitrobenzene-d5
Concen: 36.820 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

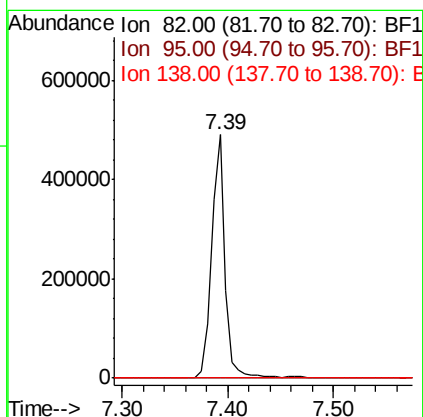
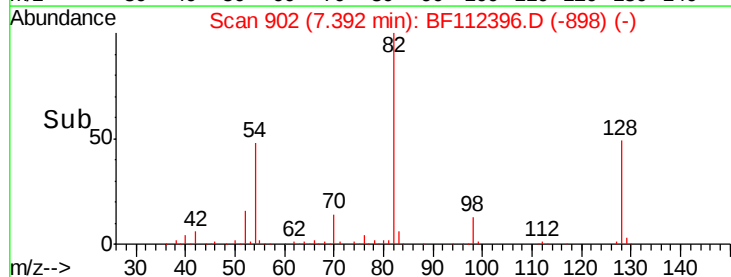
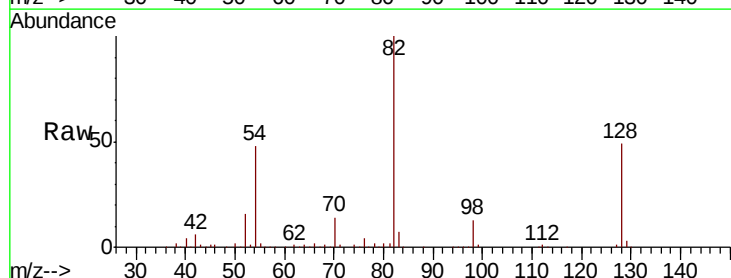
Instrument :
BNA_F
ClientSampleId :

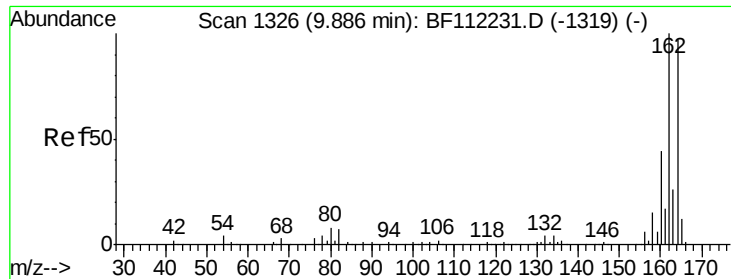
Tot Ion: 82 Resp: 440419
Ion Ratio Lower Upper
82 100
128 48.9 37.8 56.8
54 47.6 39.7 59.5



#25
Isophorone
Concen: 23.470 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion: 82 Resp: 440419
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 15.4 23.0#

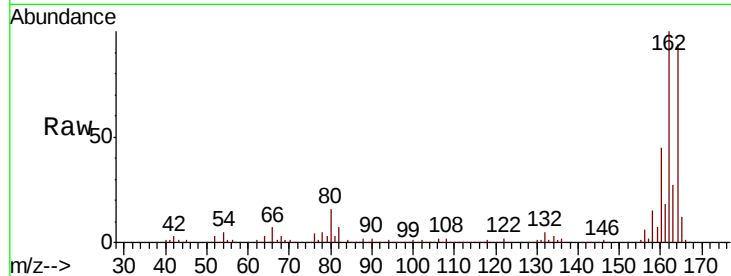




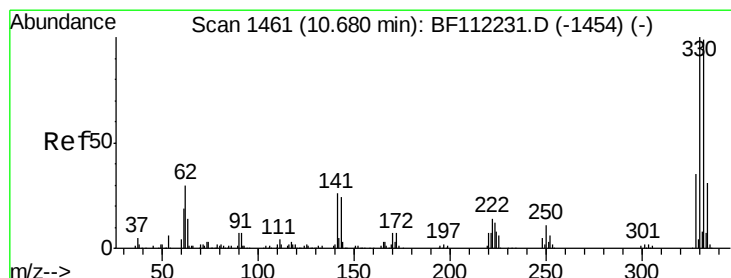
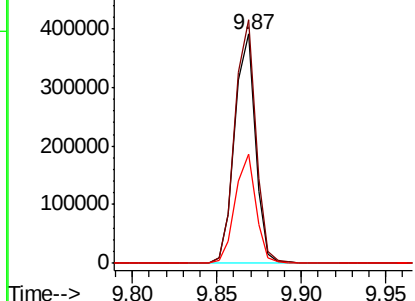
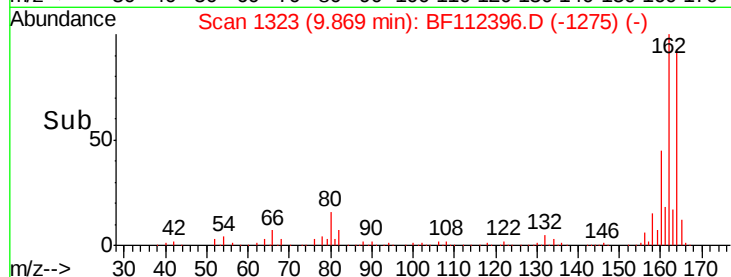
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 334102
Ion Ratio Lower Upper
164 100
162 106.3 82.2 123.4
160 47.5 36.2 54.4

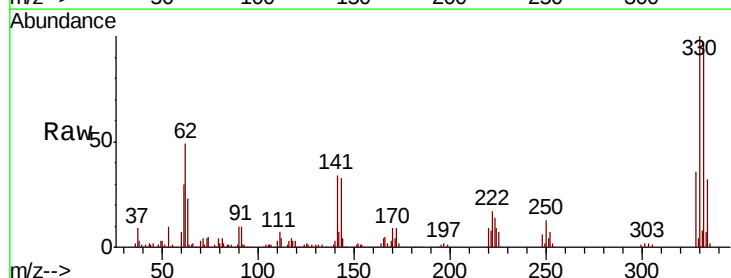


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

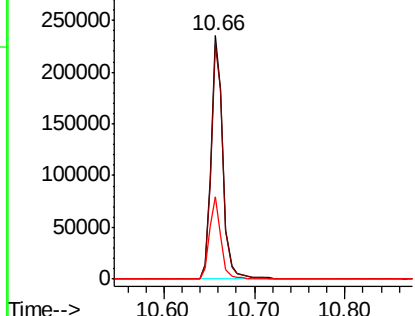
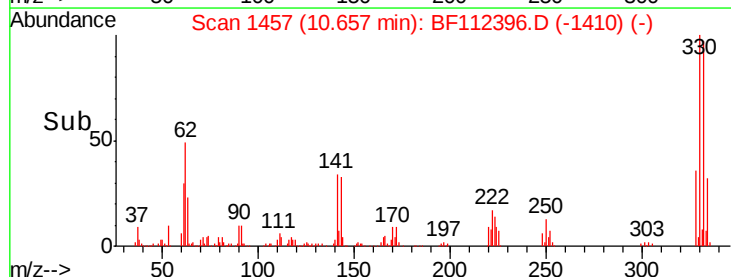


#42
2,4,6-Tribromophenol
Concen: 55.920 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion:330 Resp: 217463
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 32.5 24.3 36.5



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

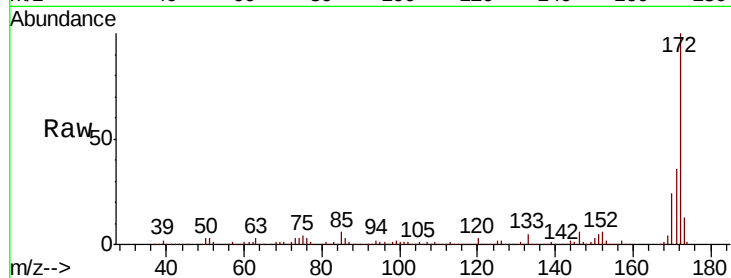




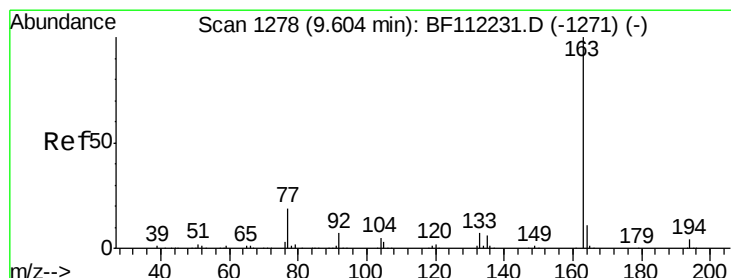
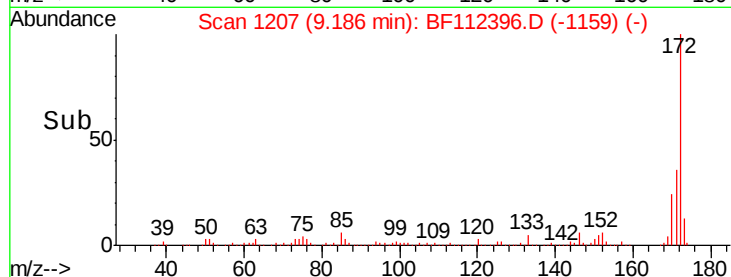
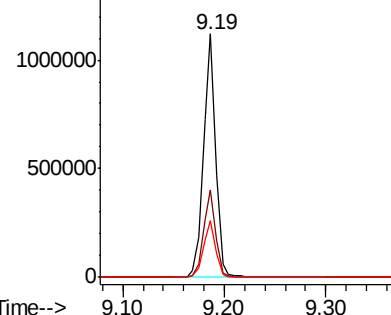
#45
2-Fluorobiphenyl
Concen: 39.636 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.5	20.2	30.4

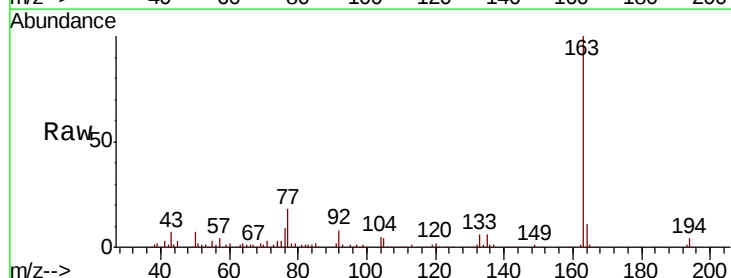


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

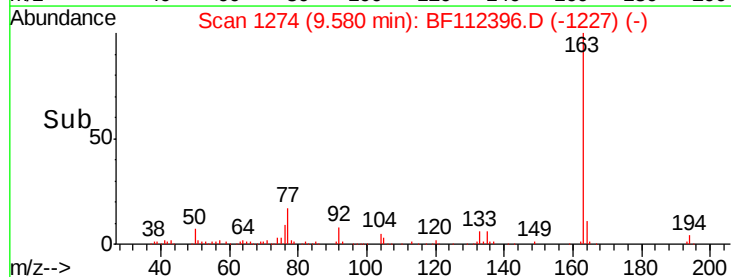
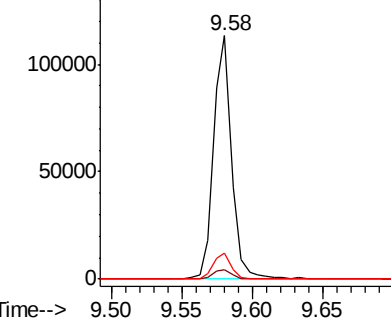


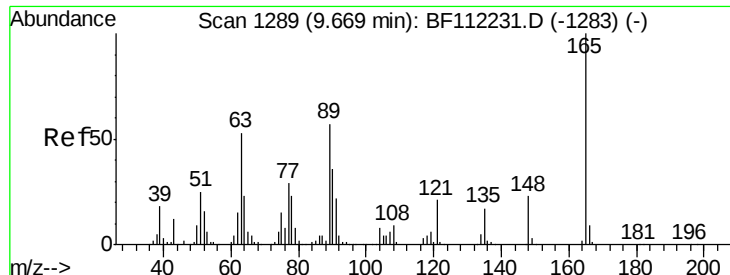
#50
Dimethylphthalate
Concen: 3.867 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.7	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

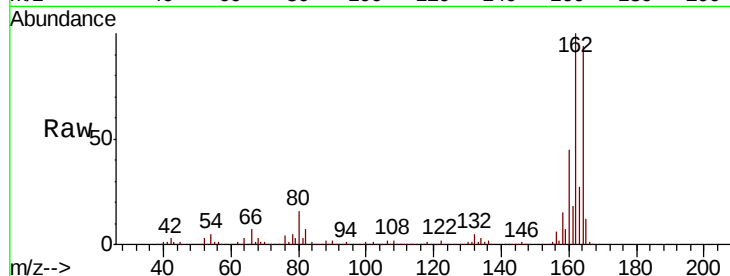




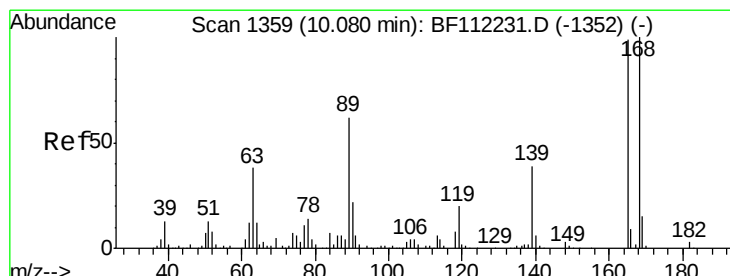
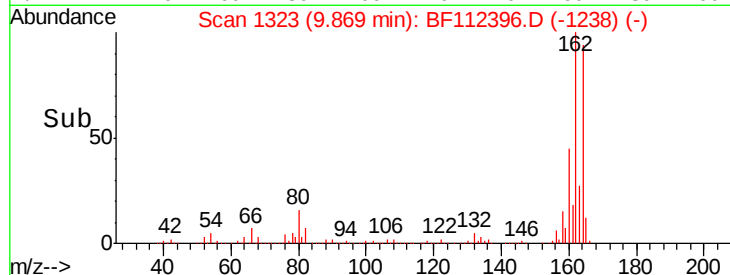
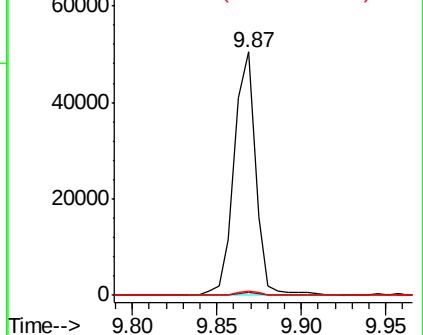
#51
 2,6-Dinitrotoluene
 Concen: 7.727 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 44923
 Ion Ratio Lower Upper
 165 100
 63 1.4 33.8 50.8#
 89 1.7 36.9 55.3#

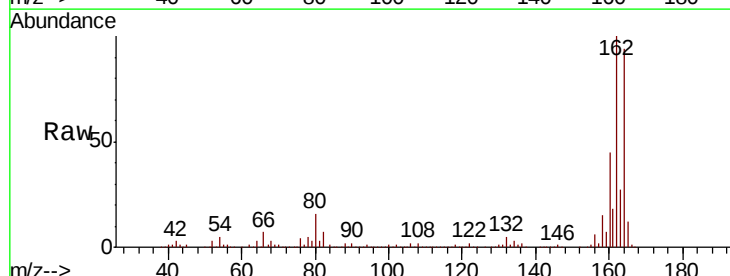


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

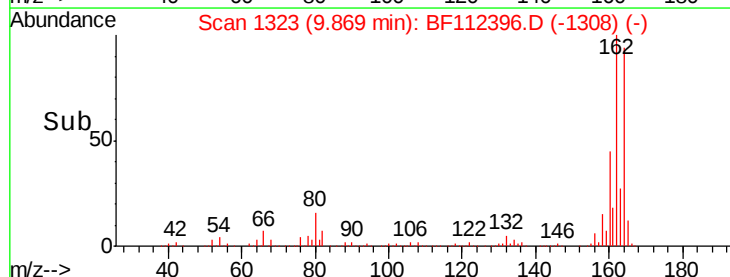
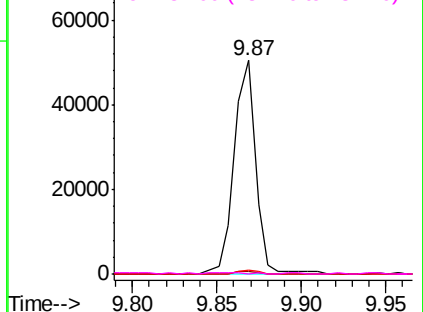


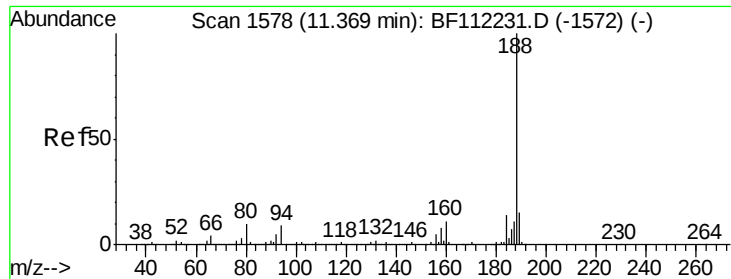
#57
 2,4-Dinitrotoluene
 Concen: 6.070 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Tgt Ion:165 Resp: 44923
 Ion Ratio Lower Upper
 165 100
 63 1.4 27.9 41.9#
 89 1.7 47.9 71.9#
 182 0.0 2.2 3.4#



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

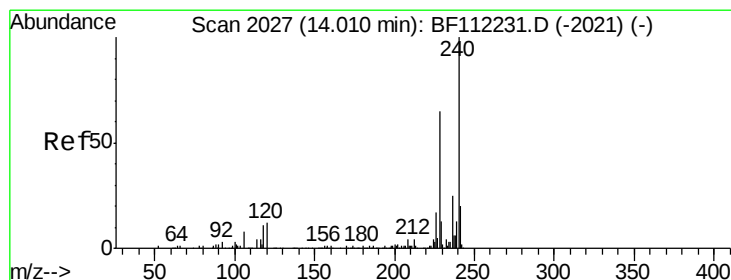
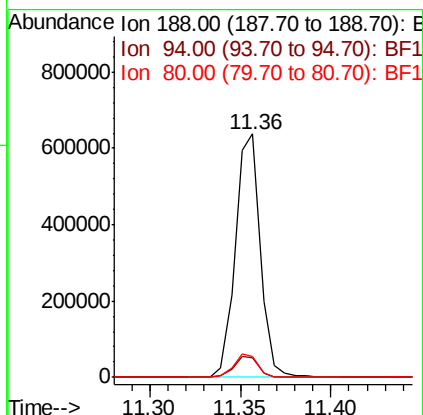
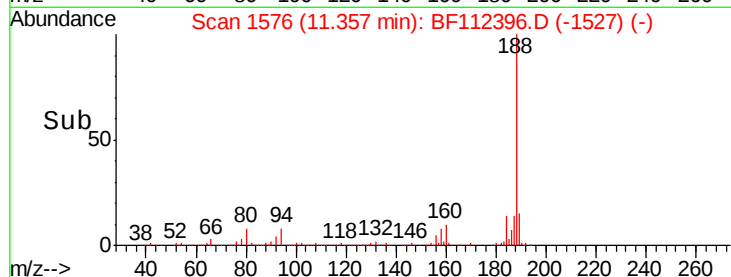
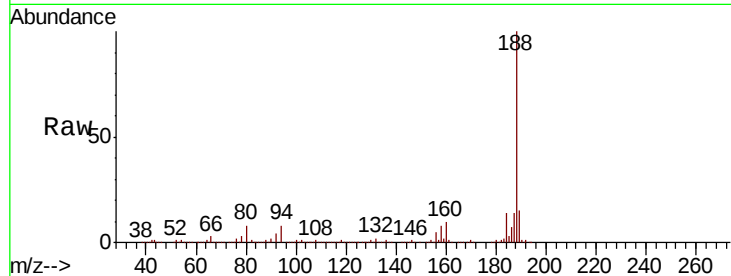




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

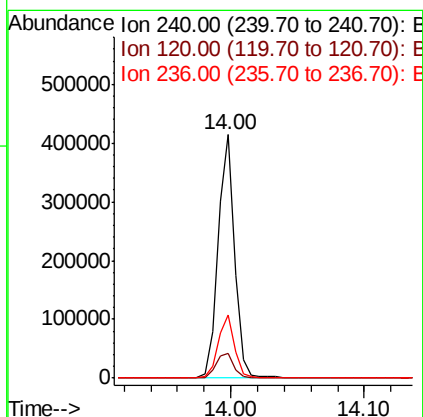
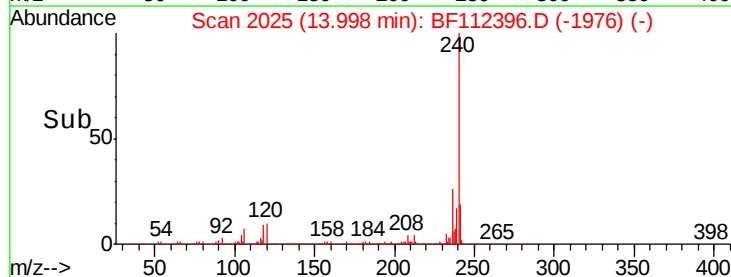
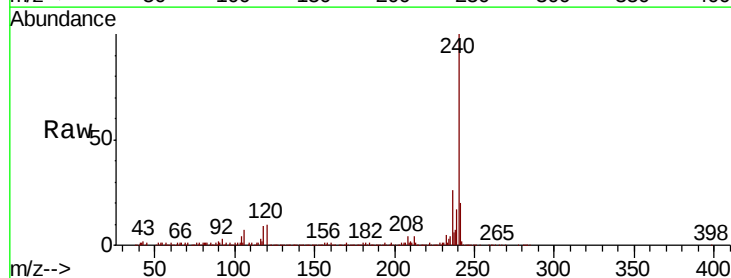
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 610502
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.4 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion:240 Resp: 363352
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 26.0 20.7 31.1

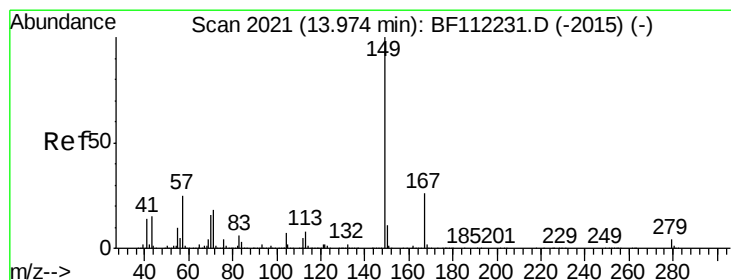
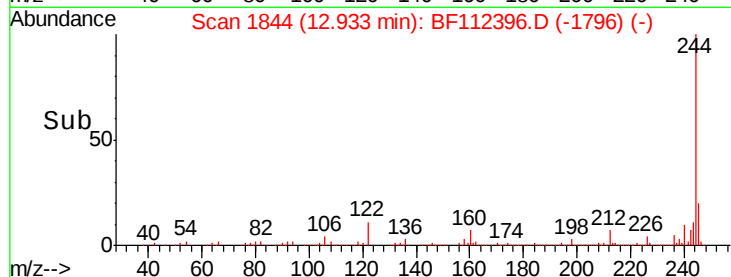
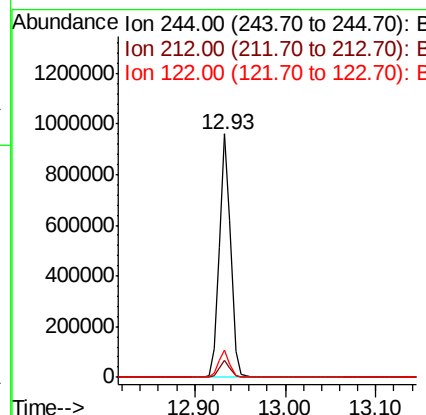
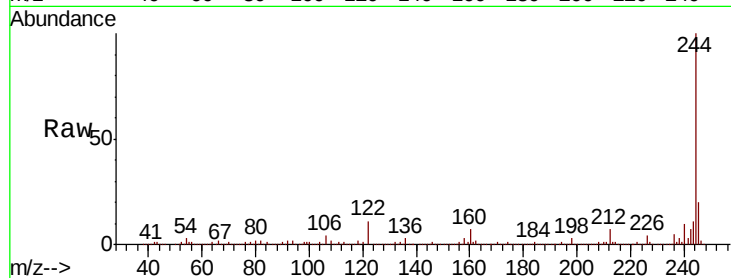




#79
 Terphenyl-d14
 Concen: 43.021 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

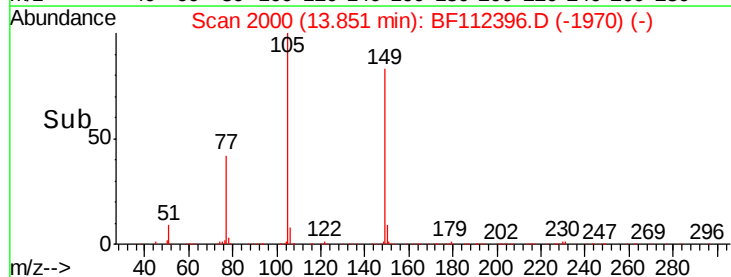
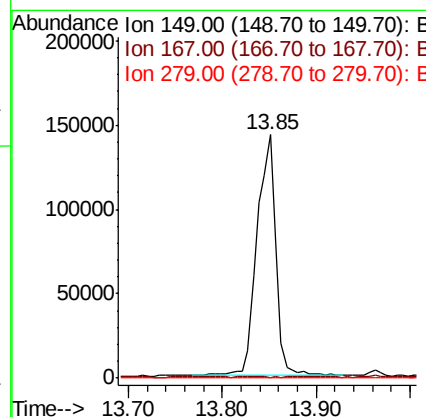
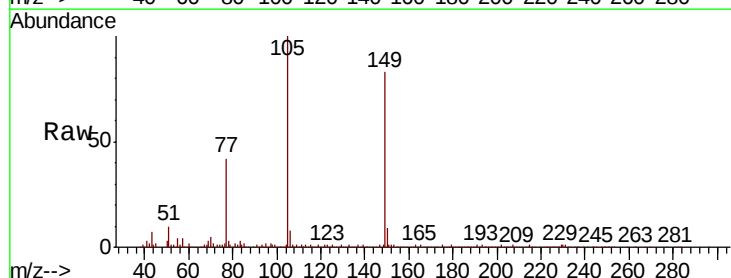
Instrument :
 BNA_F
 ClientSampleId :

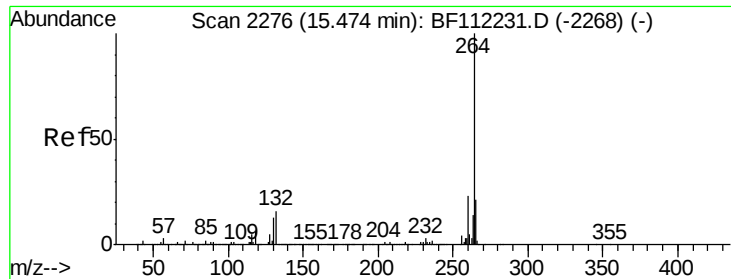
Tot Ion:244 Resp: 829958
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.4 9.8 14.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.601 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.12 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Tgt Ion:149 Resp: 200423
 Ion Ratio Lower Upper
 149 100
 167 0.4 22.5 33.7#
 279 0.0 3.8 5.6#

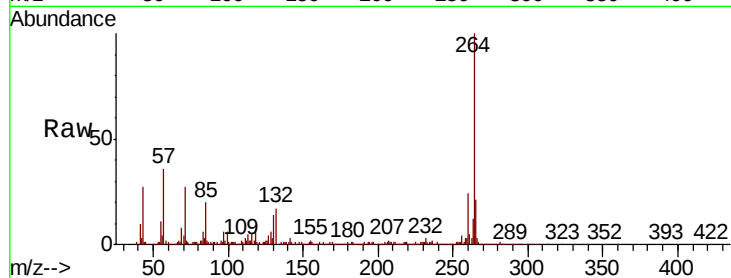




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	20.8	17.0	25.4



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

