

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112314.D
 Acq On : 30 Jan 2019 10:43
 Operator : JU/SJ
 Sample : K1260-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 12:27:25 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

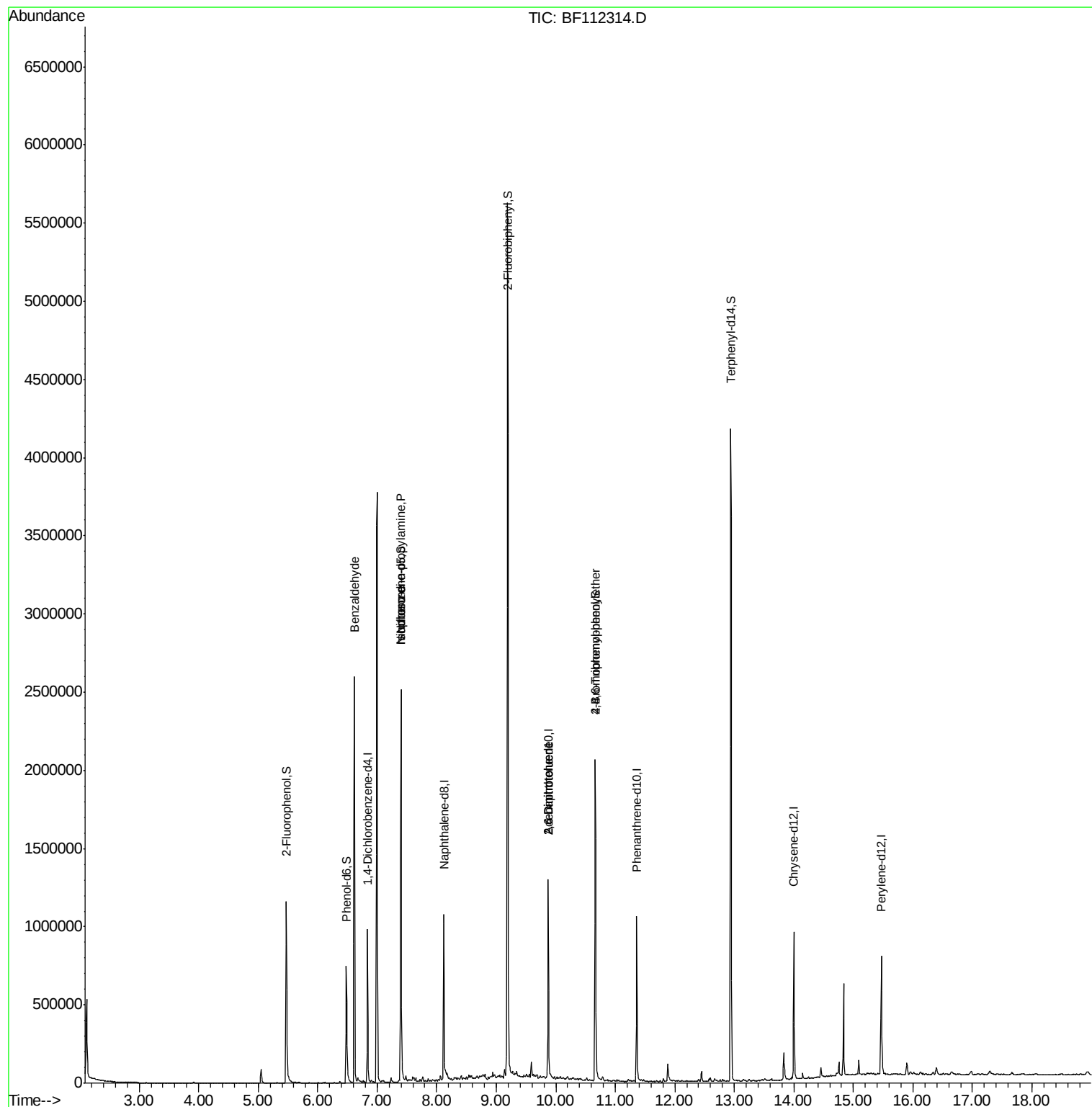
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156158	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	562965	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	253232	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	445555	20.00	ng	0.00
76) Chrysene-d12	14.00	240	348256	20.00	ng	-0.01
87) Perylene-d12	15.47	264	333412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	372597	50.68	ng	0.00
7) Phenol-d6	6.48	99	276019	27.02	ng	-0.01
23) Nitrobenzene-d5	7.40	82	956360	97.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	274719	93.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1835363	102.51	ng	-0.01
79) Terphenyl-d14	12.94	244	1456339	78.76	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	16302	3.053	ng	# 75
19) n-Nitroso-di-n-propylamine	7.40	70	128726	18.274	ng	# 77
25) Isophorone	7.40	82	946385	61.744	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	33510	7.605	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	33510	5.974	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	16813	3.208	ng	# 1

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

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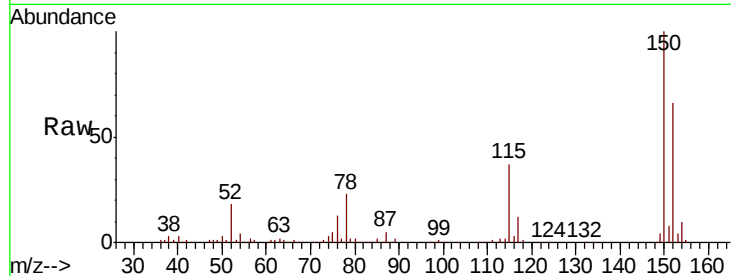


#1

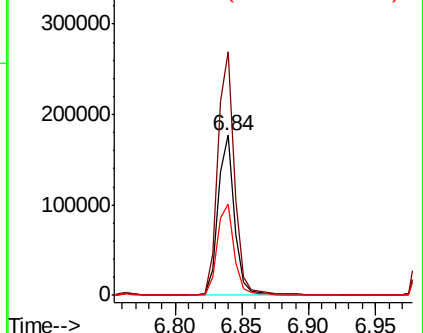
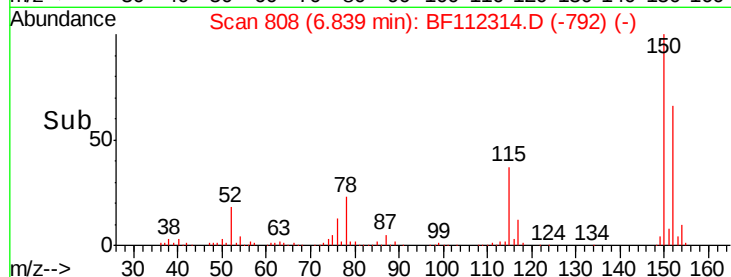
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156158
Ion Ratio Lower Upper
152 100
150 151.9 127.4 191.0
115 56.7 45.5 68.3



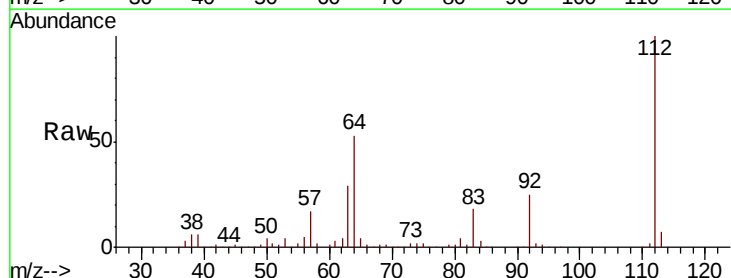
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



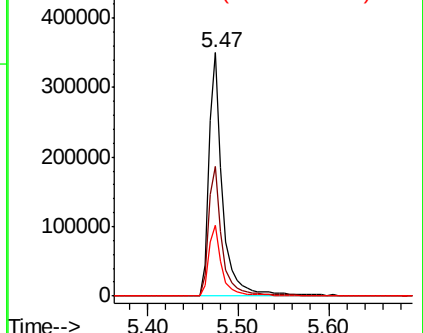
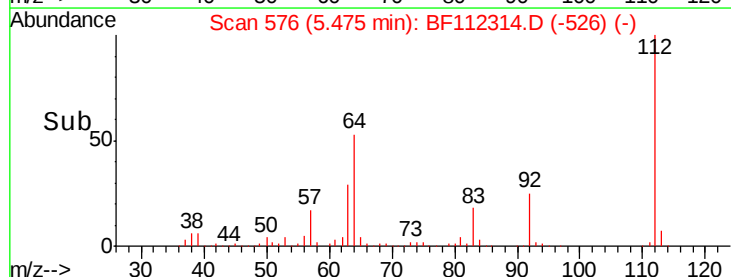
#5

2-Fluorophenol
Concen: 50.681 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:112 Resp: 372597
Ion Ratio Lower Upper
112 100
64 53.2 45.7 68.5
63 29.3 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: 27.019 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112314.D

Acq: 30 Jan 2019 10:43

Instrument :

BNA_F

ClientSampleId :

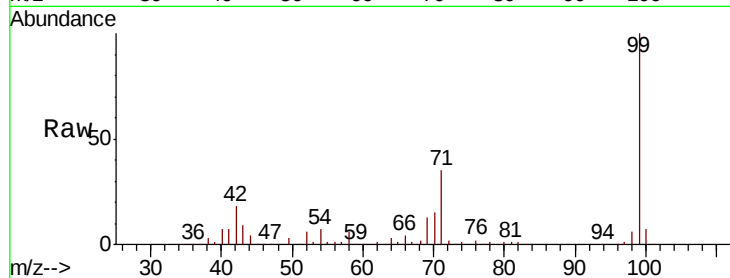
Tot Ion: 99 Resp: 276019

Ion Ratio Lower Upper

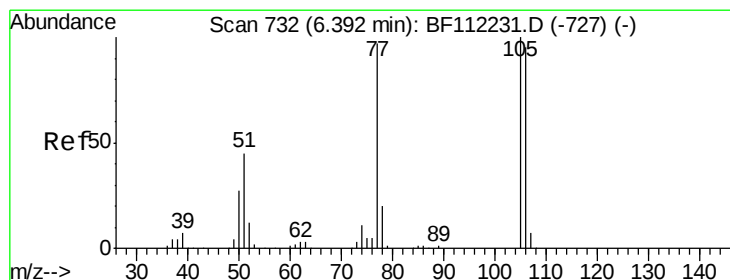
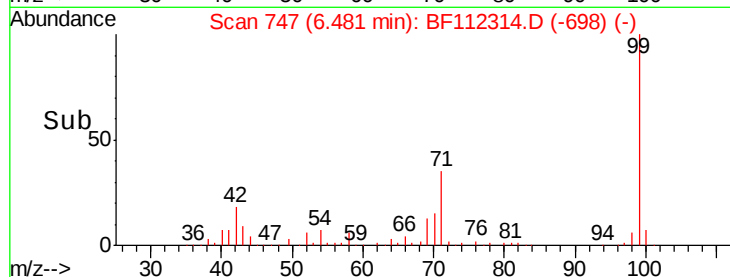
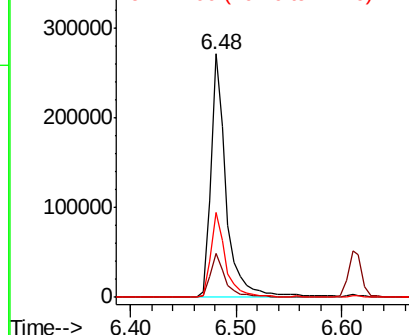
99 100

42 18.2 15.1 22.7

71 35.1 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



#9

Benzaldehyde

Concen: 3.053 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112314.D

Acq: 30 Jan 2019 10:43

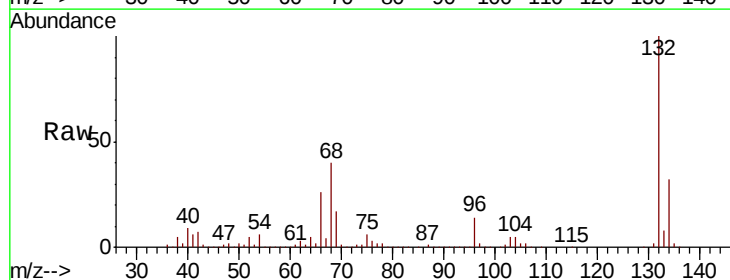
Tgt Ion: 77 Resp: 16302

Ion Ratio Lower Upper

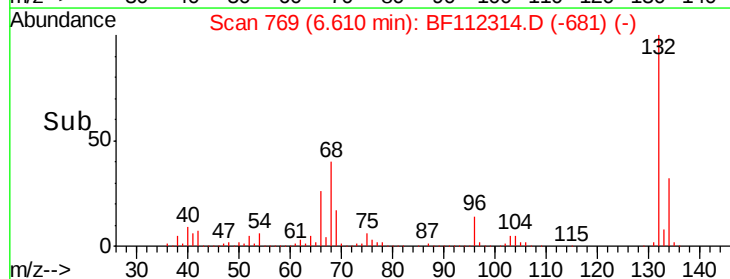
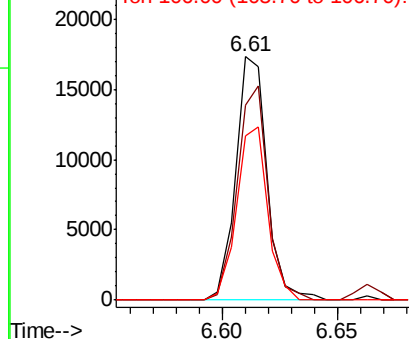
77 100

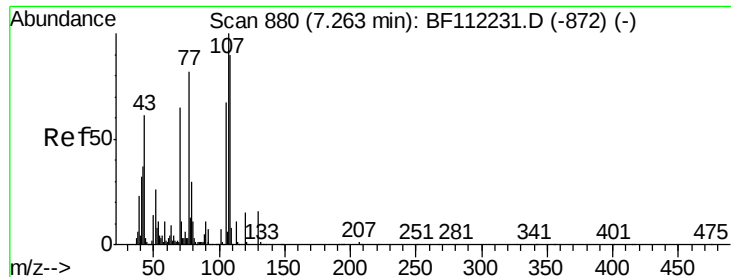
105 80.3 80.8 120.8#

106 67.6 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

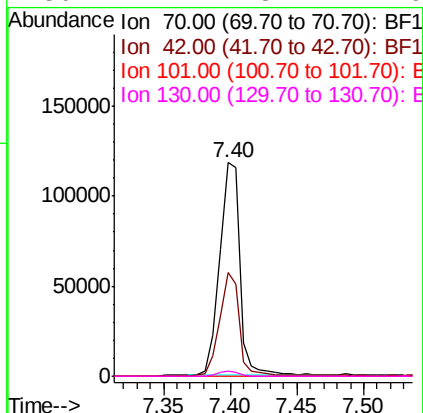
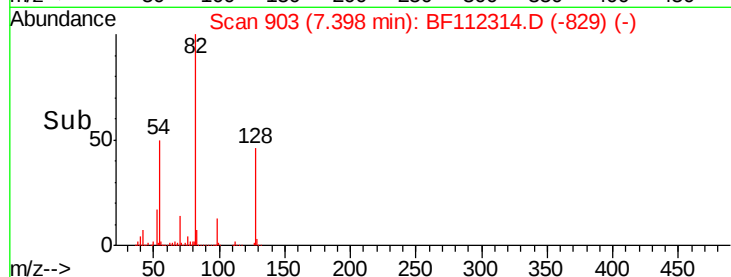
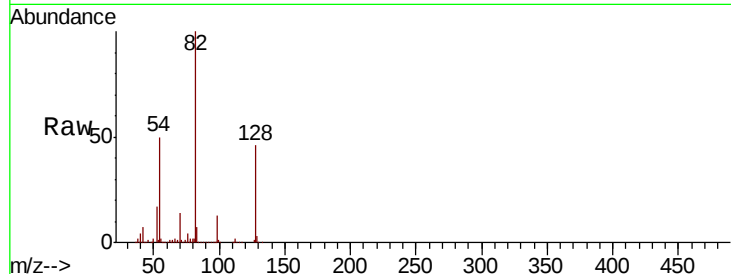




#19
n-Nitroso-di-n-propylamine
Concen: 18.274 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

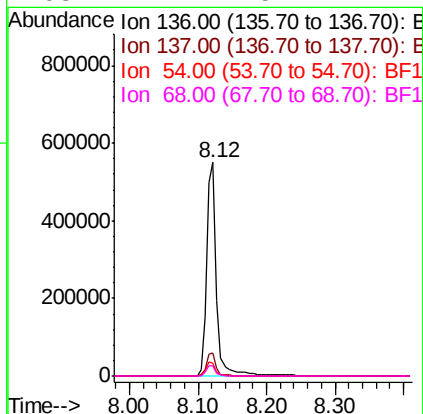
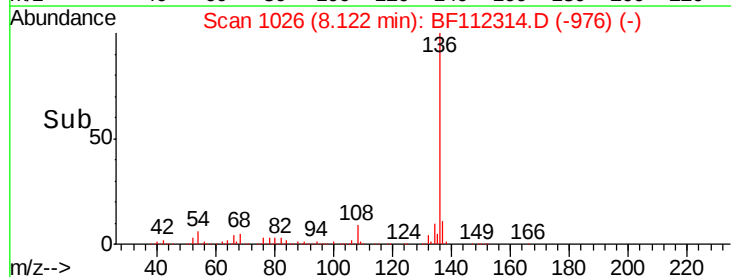
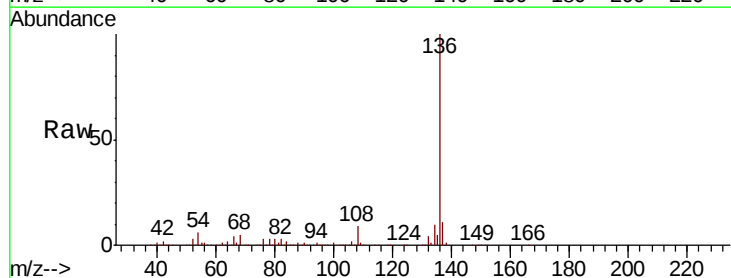
Instrument :
BNA_F
ClientSampleId :

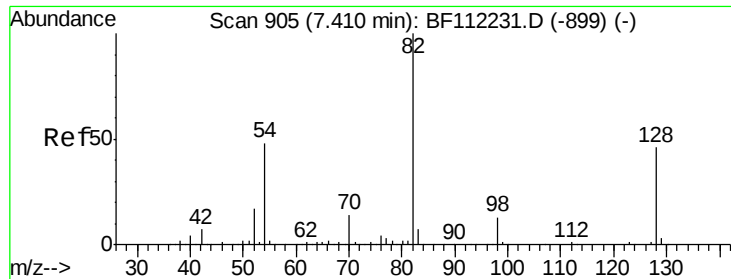
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	5.9	8.9#
68	4.7	5.1	7.7#

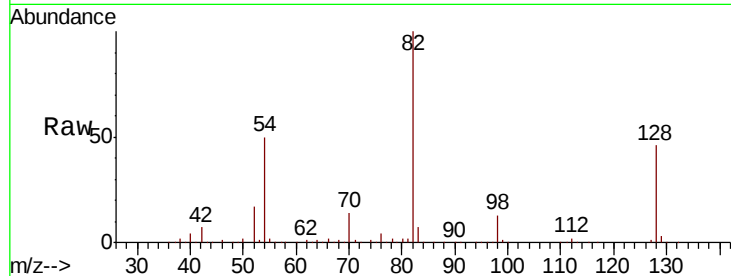




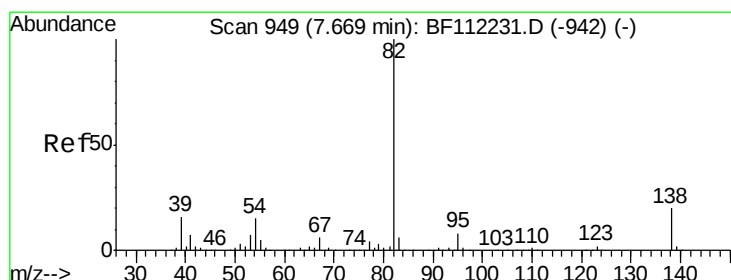
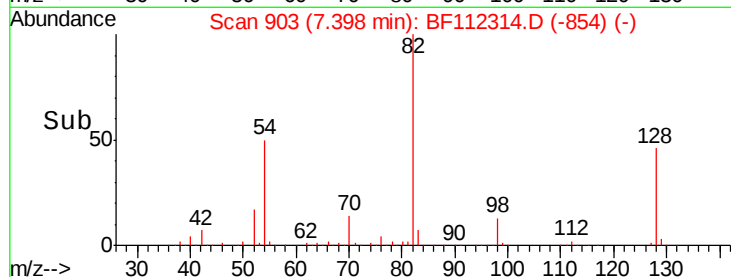
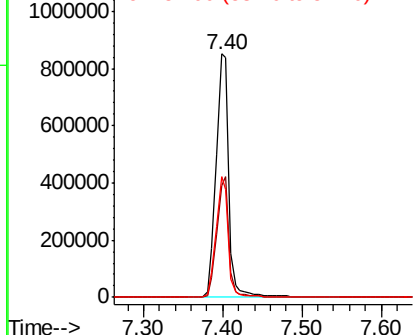
#23
Nitrobenzene-d5
Concen: 97.884 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 956360
Ion Ratio Lower Upper
82 100
128 45.9 37.8 56.8
54 49.5 39.7 59.5

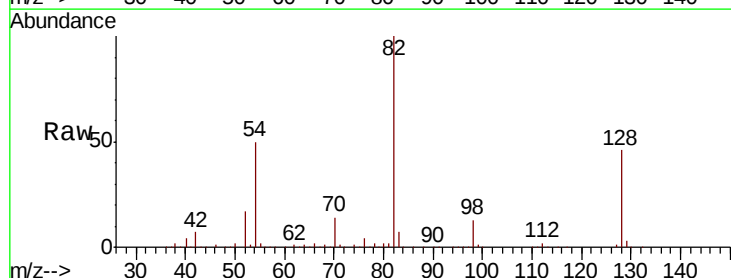


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

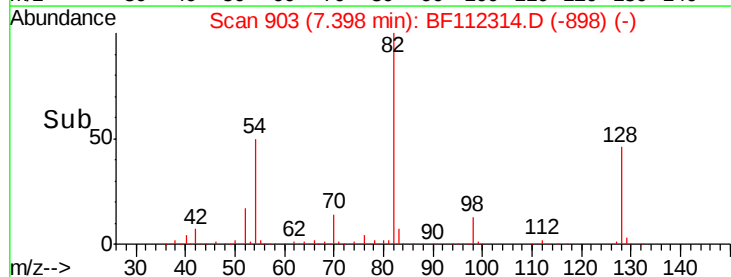
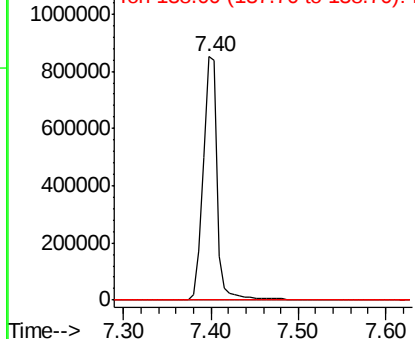


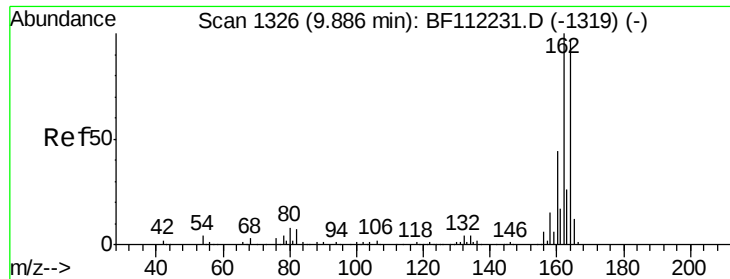
#25
Isophorone
Concen: 61.744 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion: 82 Resp: 946385
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 15.4 23.0#



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): BF1

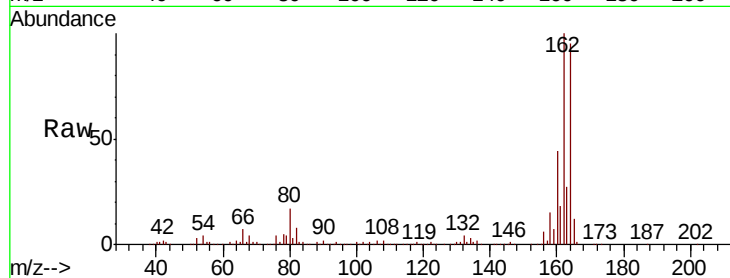




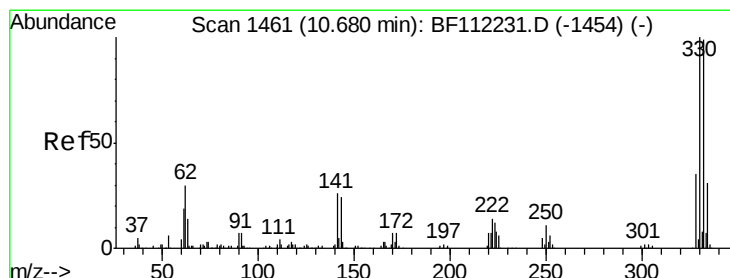
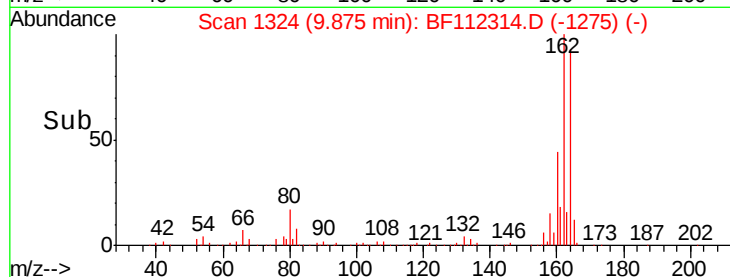
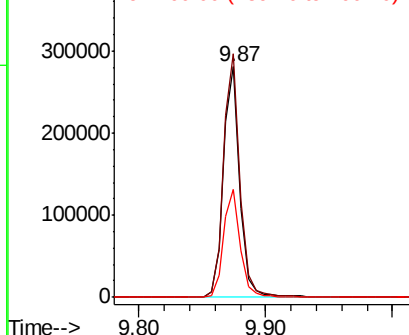
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112314.D
 Acq: 30 Jan 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	46.8	36.2	54.4

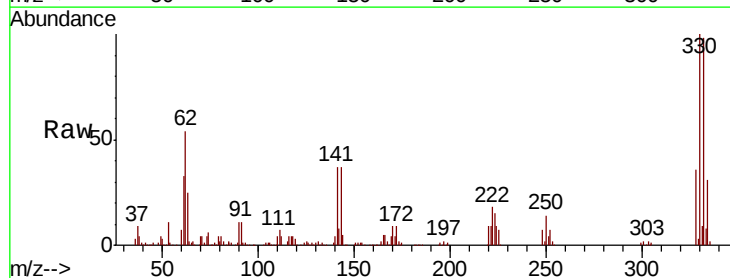


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

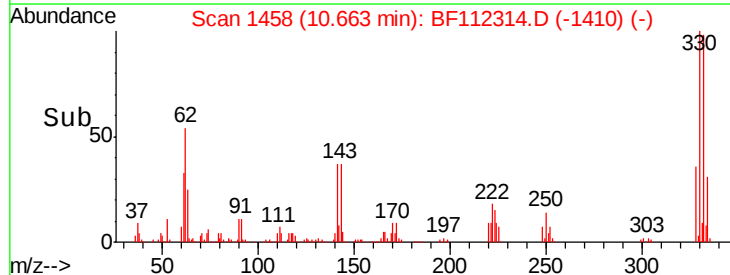
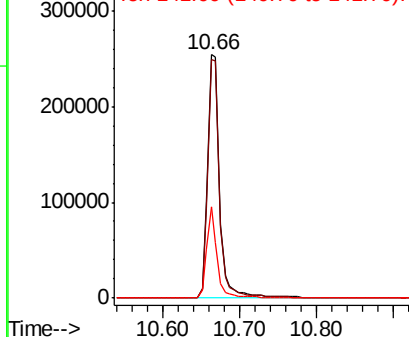


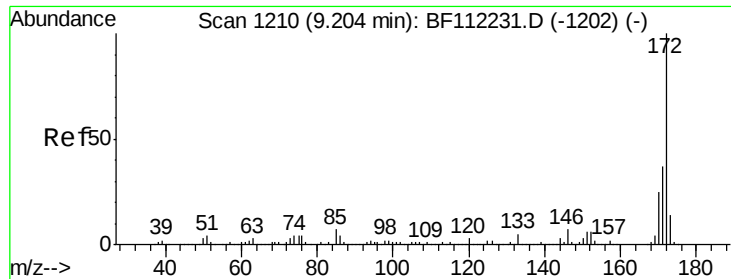
#42
 2,4,6-Tribromophenol
 Concen: 93.202 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112314.D
 Acq: 30 Jan 2019 10:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.3	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

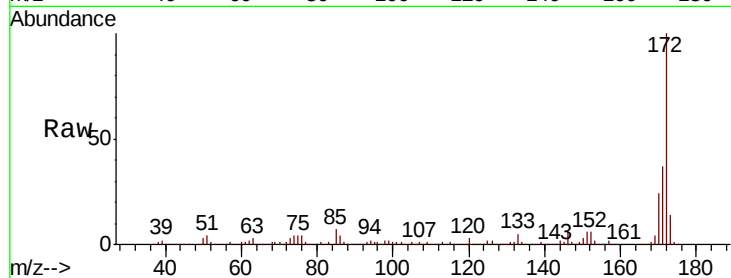




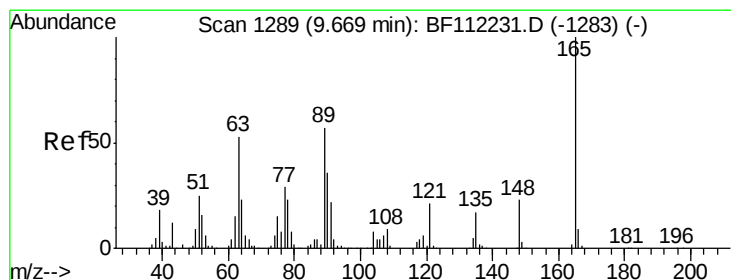
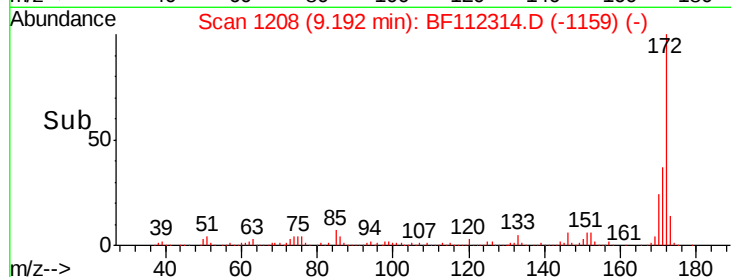
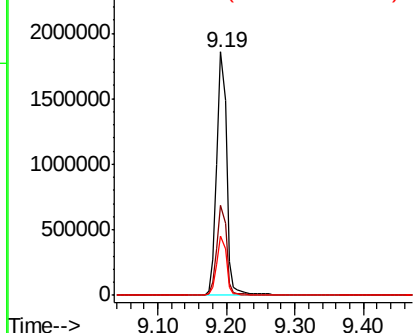
#45
2-Fluorobiphenyl
Concen: 102.508 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1835363
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.5 20.2 30.4

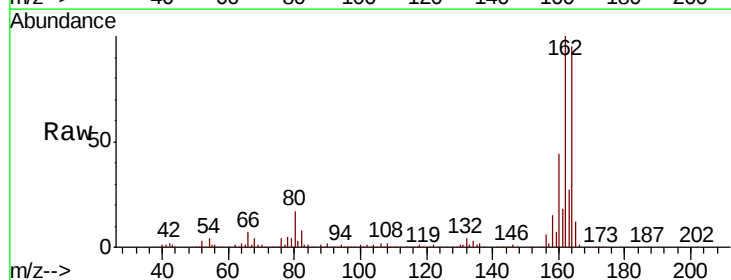


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

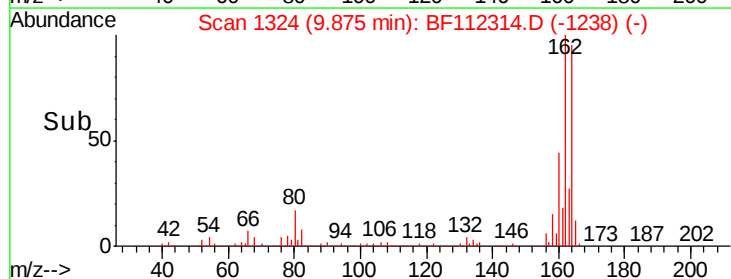
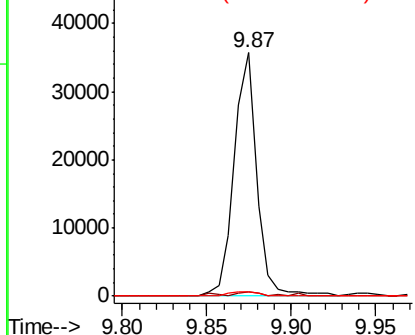


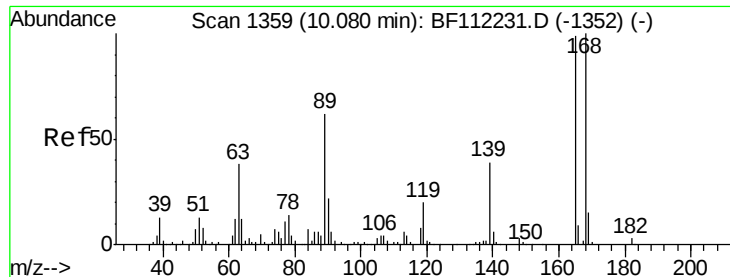
#51
2,6-Dinitrotoluene
Concen: 7.605 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:165 Resp: 33510
Ion Ratio Lower Upper
165 100
63 1.7 33.8 50.8#
89 1.8 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E
50000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

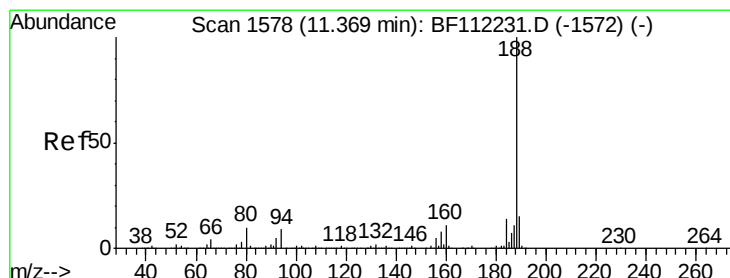
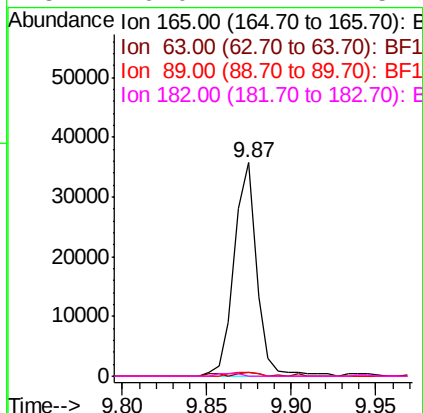
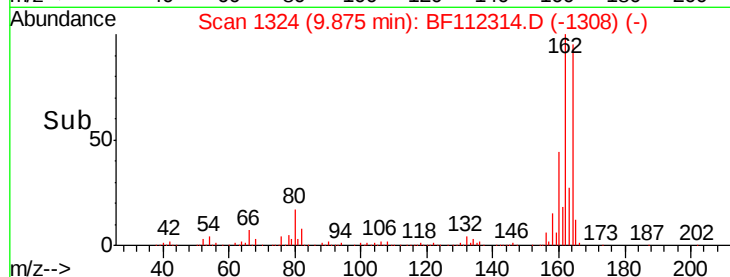
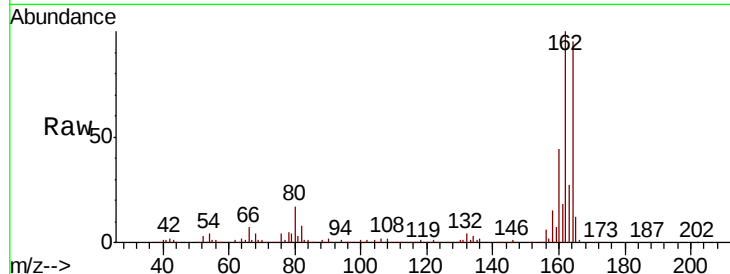




#57
 2,4-Dinitrotoluene
 Concen: 5.974 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112314.D
 Acq: 30 Jan 2019 10:43

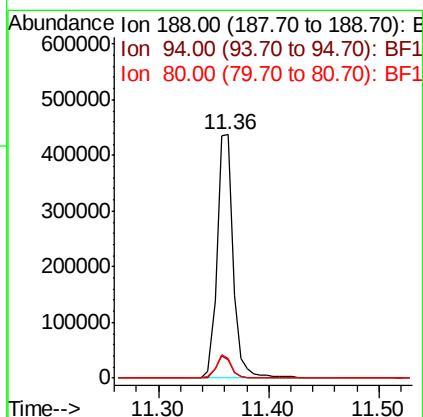
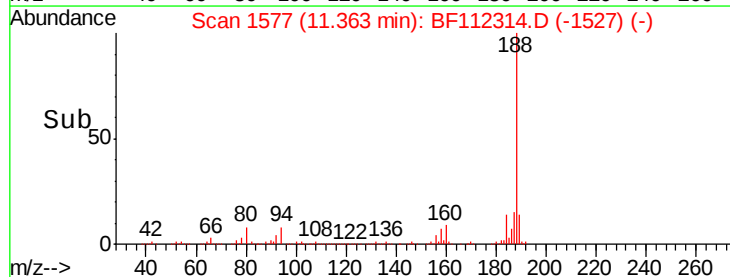
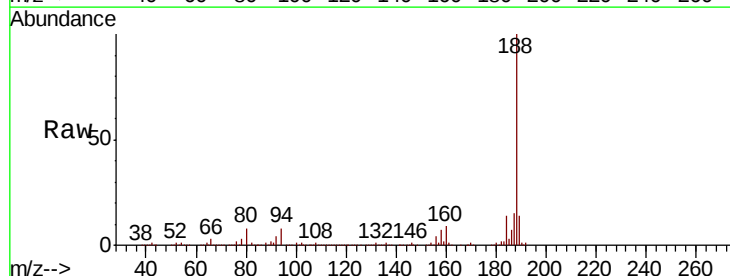
Instrument :
 BNA_F
 ClientSampleId :

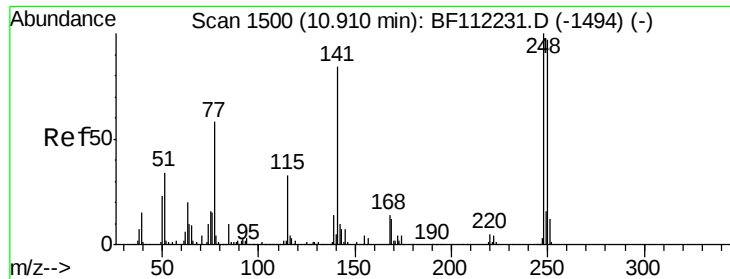
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112314.D
 Acq: 30 Jan 2019 10:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.1	8.9	13.3#

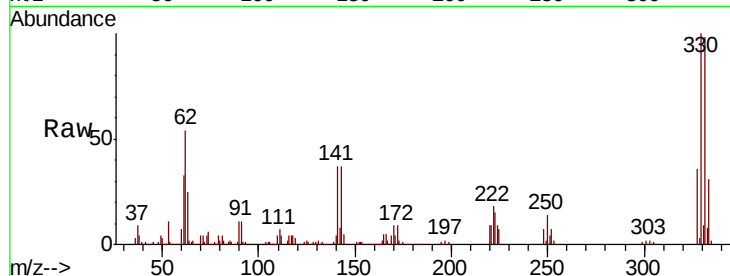




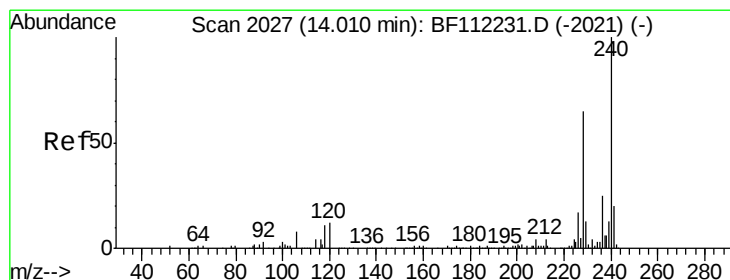
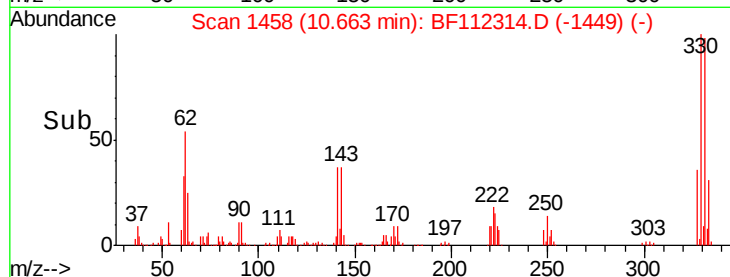
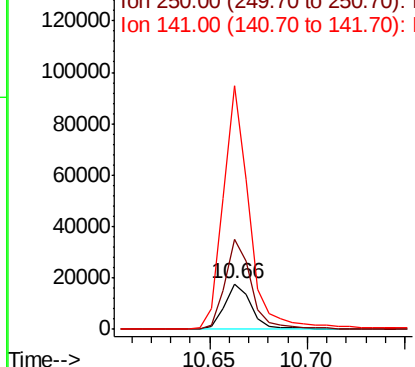
#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16813
Ion Ratio Lower Upper
248 100
250 199.6 79.7 119.5#
141 536.7 60.3 90.5#

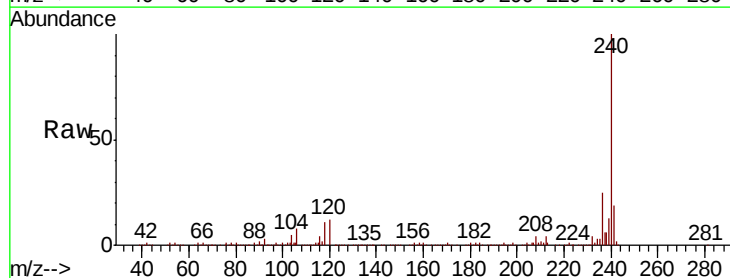


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

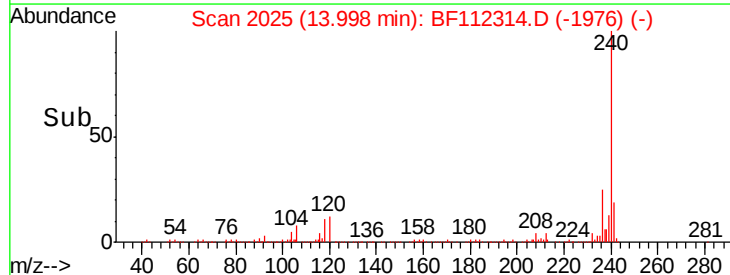
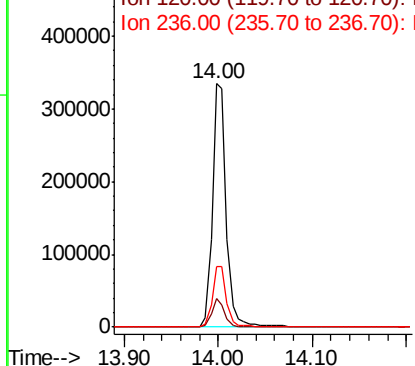


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:240 Resp: 348256
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 25.1 20.7 31.1



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

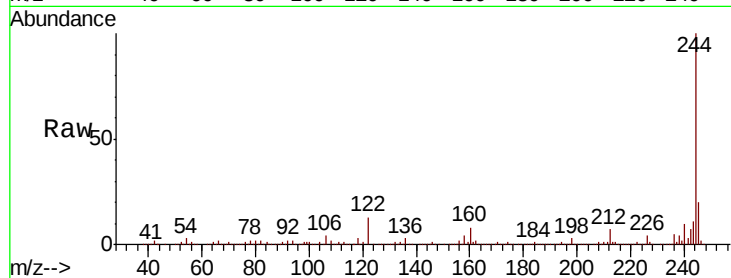




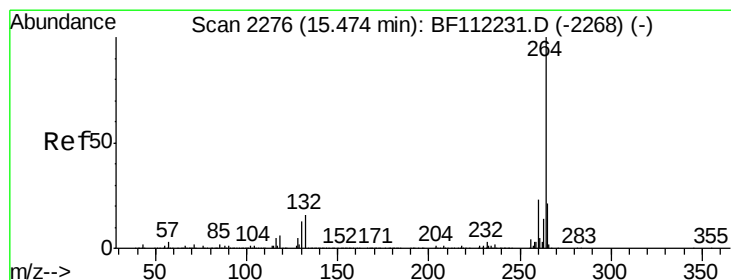
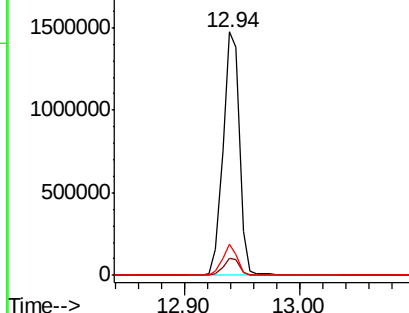
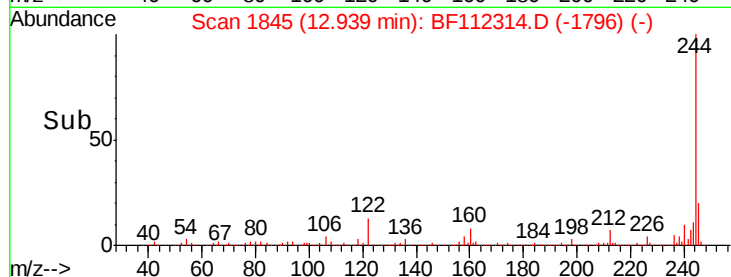
#79
 Terphenyl-d14
 Concen: 78.762 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112314.D
 Acq: 30 Jan 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1456339
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.6 9.8 14.6

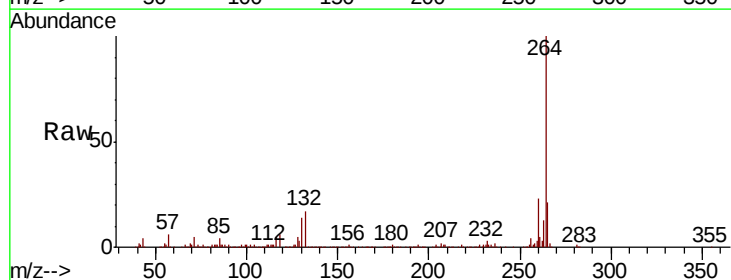


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112314.D
 Acq: 30 Jan 2019 10:43

Tgt Ion:264 Resp: 333412
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 21.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

