

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112316.D
 Acq On : 30 Jan 2019 11:39
 Operator : JU/SJ
 Sample : K1266-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 12:38:20 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

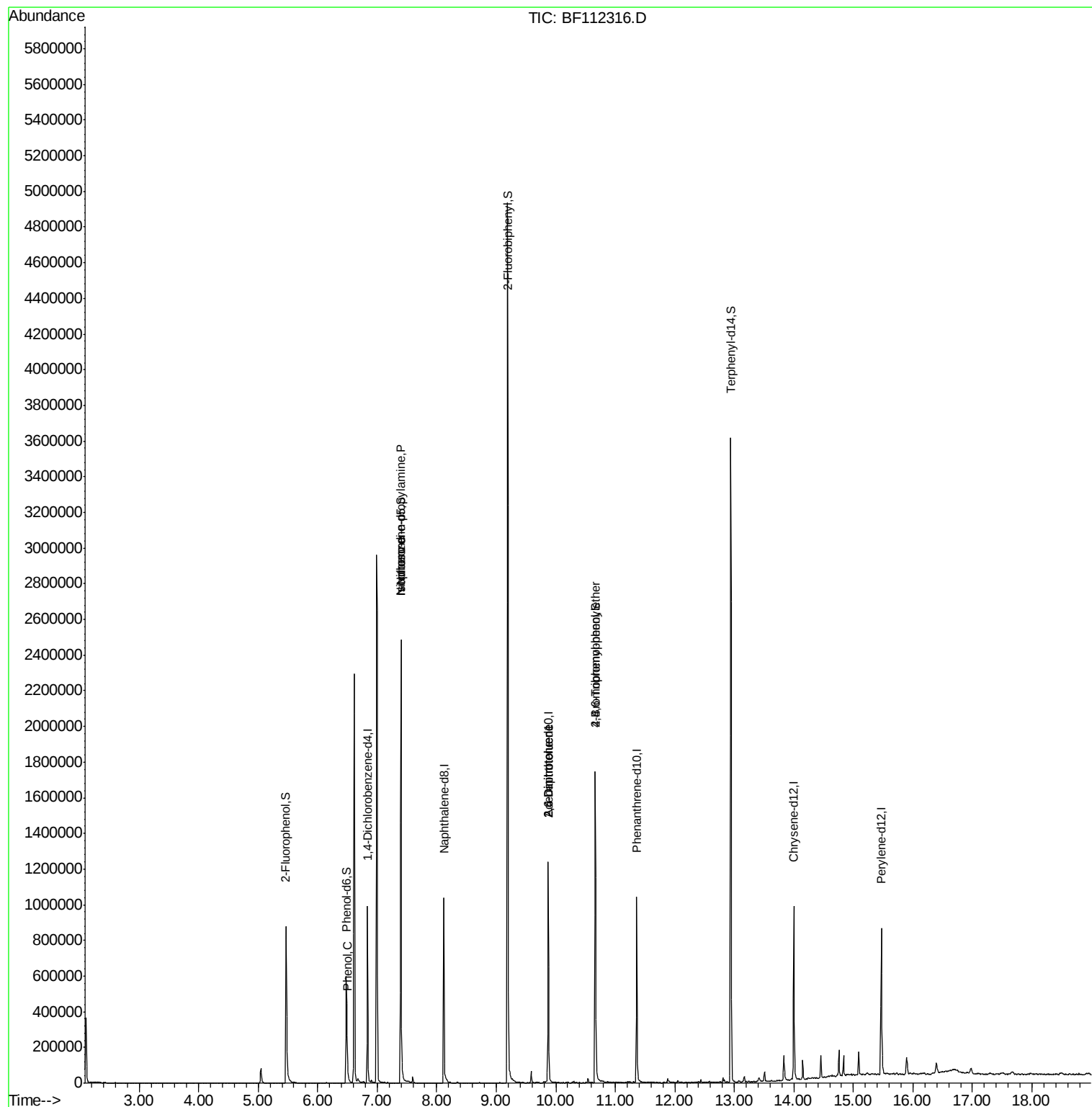
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	160916	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	580557	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	262499	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	449271	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	369650	20.00	ng	-0.01
87) Perylene-d12	15.47	264	353414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	306609	40.47	ng	-0.01
7) Phenol-d6	6.48	99	225679	21.44	ng	-0.01
23) Nitrobenzene-d5	7.40	82	835983	82.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	233491	76.42	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1592183	85.79	ng	-0.01
79) Terphenyl-d14	12.94	244	1232163	62.78	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	37656	3.260	ng	77
19) n-Nitroso-di-n-propylamine	7.40	70	113202	15.595	ng	# 77
25) Isophorone	7.40	82	831574	52.609	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	33730	7.385	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	33731	5.801	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	13461	2.547	ng	# 1

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

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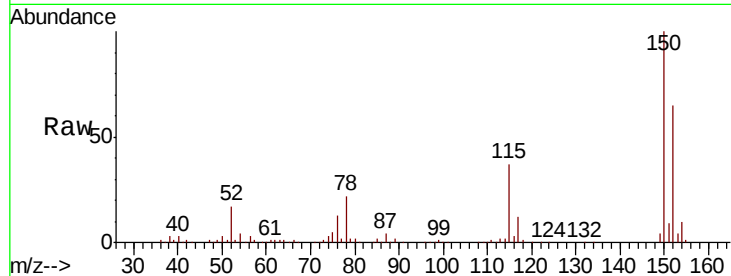


#1

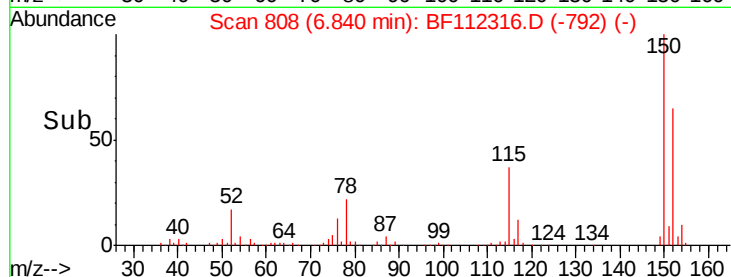
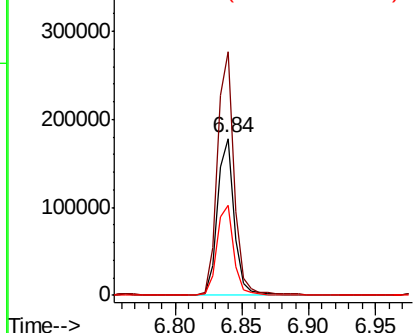
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.0
115	57.2	45.5	68.3



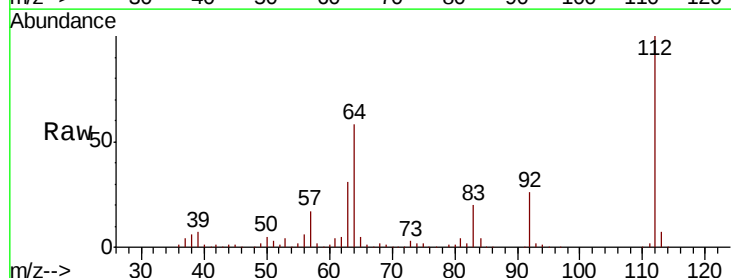
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



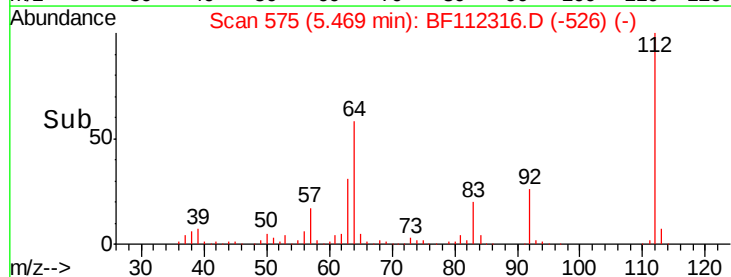
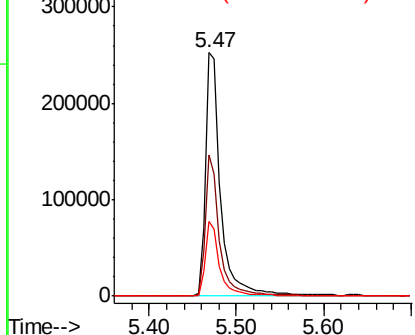
#5

2-Fluorophenol
Concen: 40.472 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.7	68.5
63	30.6	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: 21.438 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112316.D

Acq: 30 Jan 2019 11:39

Instrument :

BNA_F

ClientSampled :

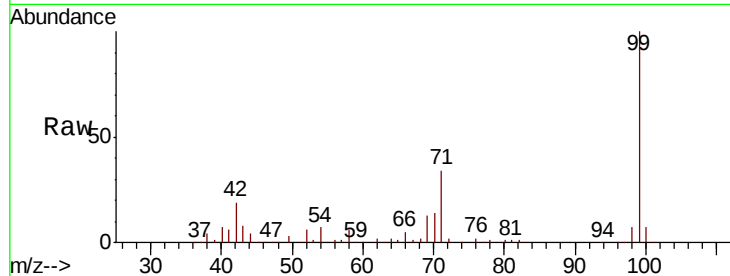
Tot Ion: 99 Resp: 225679

Ion Ratio Lower Upper

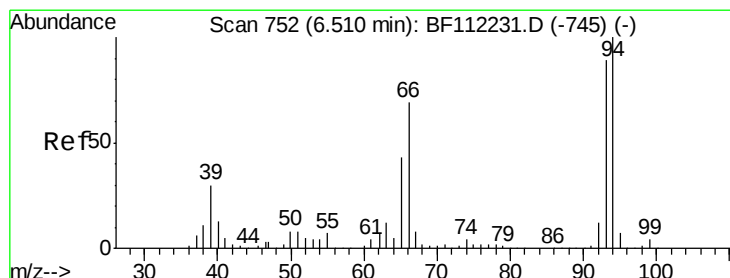
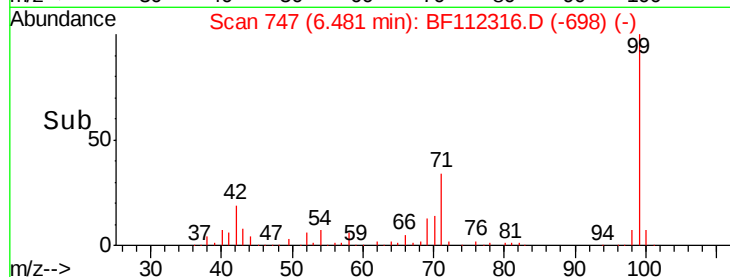
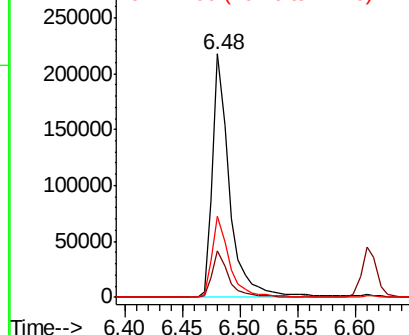
99 100

42 19.2 15.1 22.7

71 33.5 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: 3.260 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112316.D

Acq: 30 Jan 2019 11:39

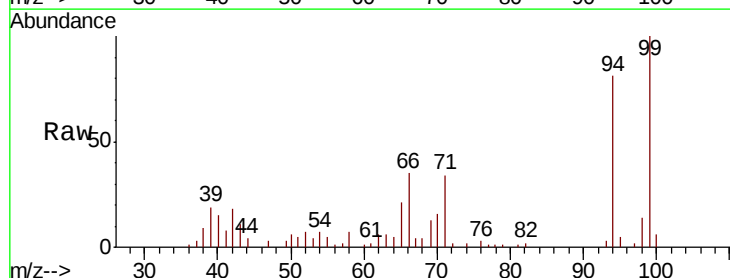
Tgt Ion: 94 Resp: 37656

Ion Ratio Lower Upper

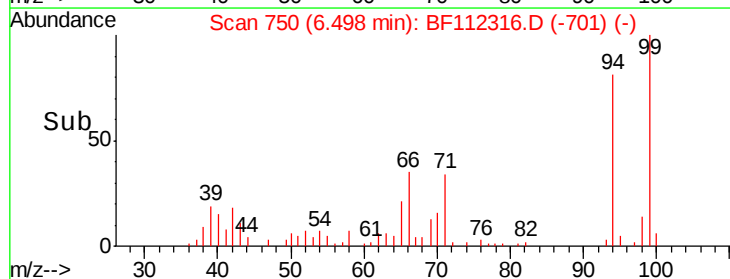
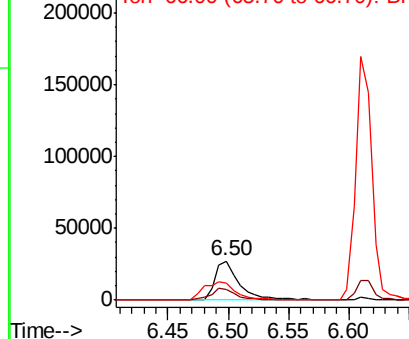
94 100

65 26.3 20.3 60.3

66 43.9 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

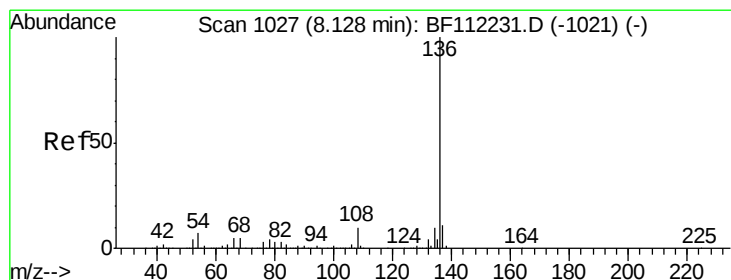
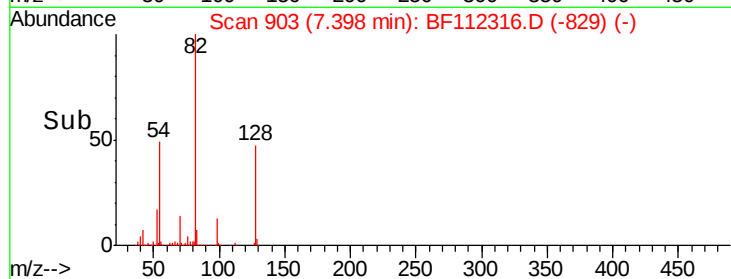
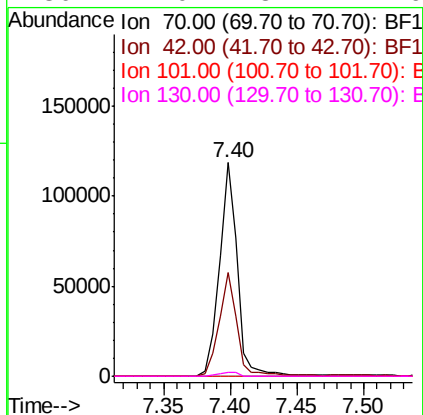
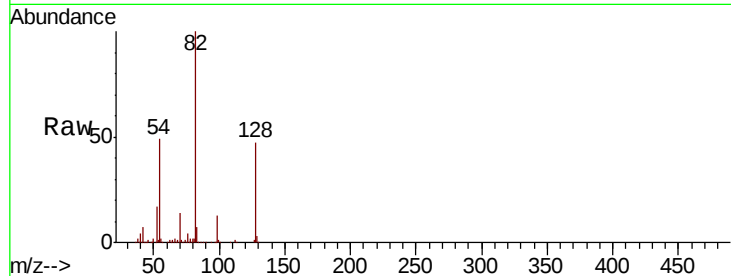




#19
n-Nitroso-di-n-propylamine
Concen: 15.595 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

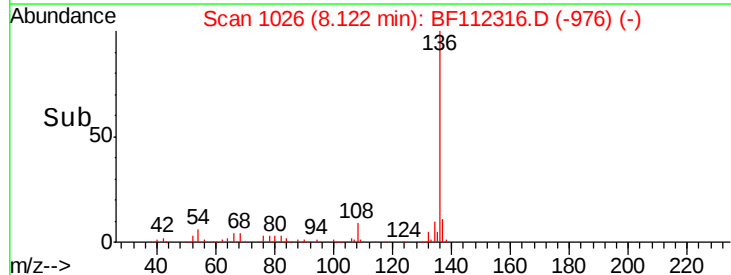
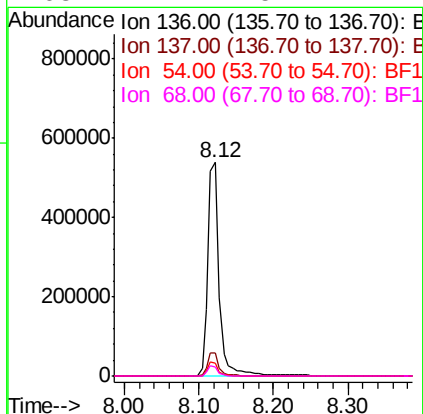
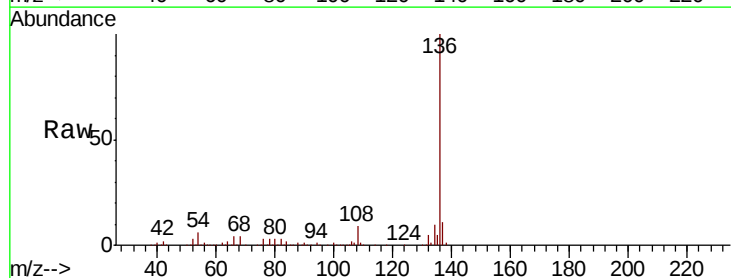
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.6	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: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.9	5.9	8.9
68	4.4	5.1	7.7#

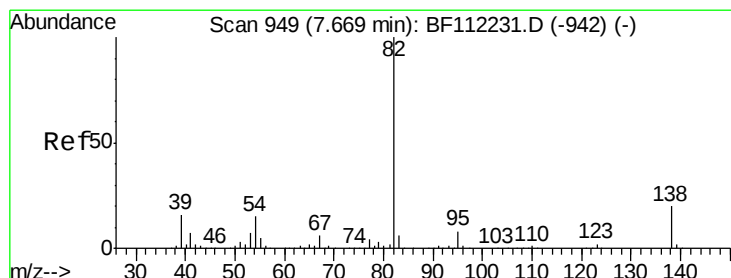
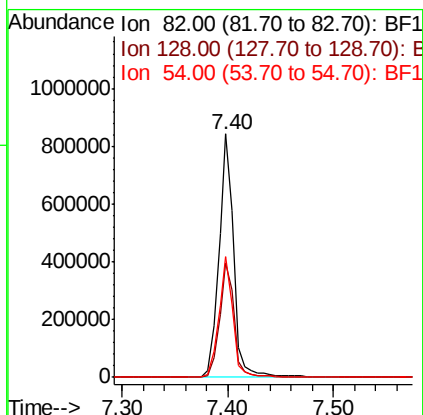
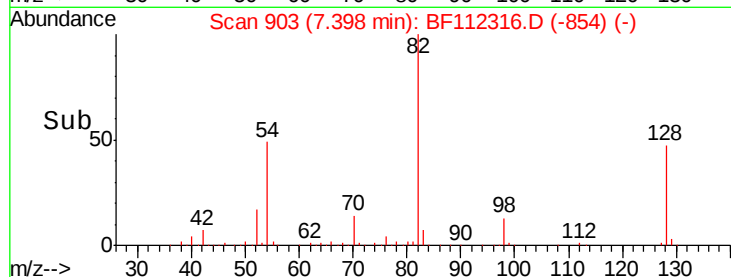
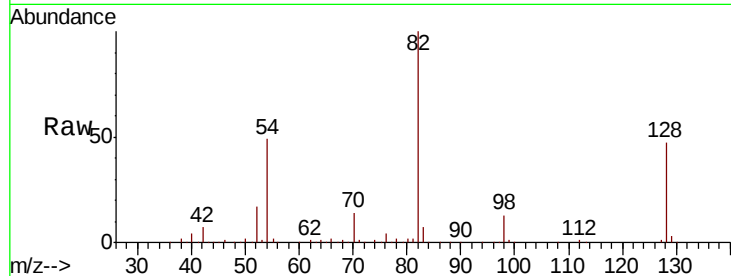




#23
Nitrobenzene-d5
Concen: 82.971 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

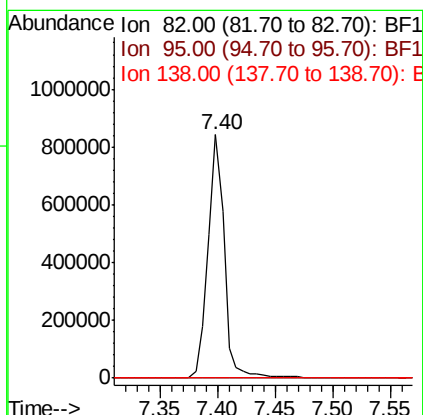
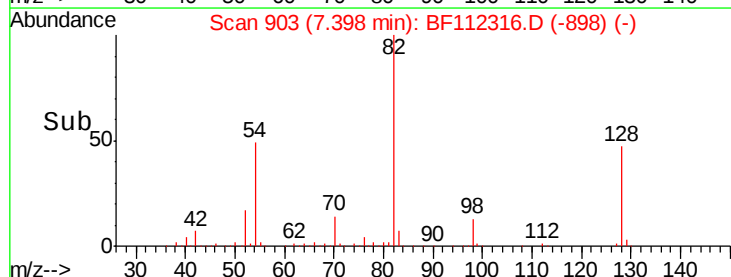
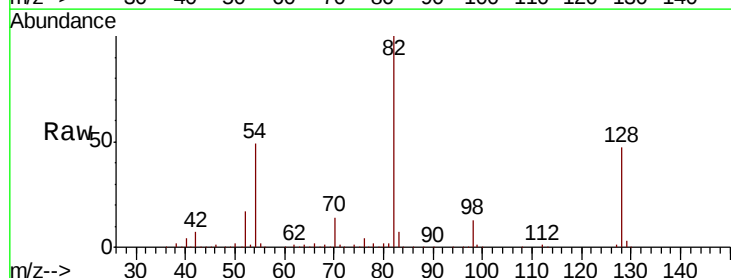
Instrument :
BNA_F
ClientSampleId :

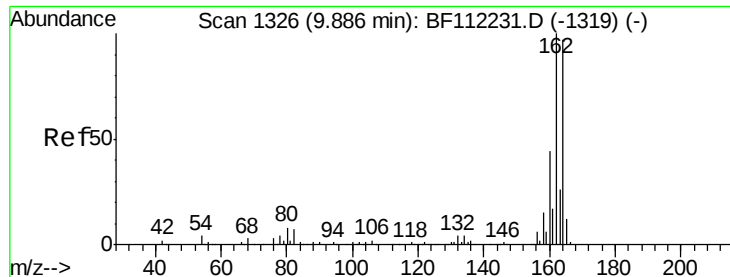
Tot Ion: 82 Resp: 835983
Ion Ratio Lower Upper
82 100
128 46.7 37.8 56.8
54 49.5 39.7 59.5



#25
Isophorone
Concen: 52.609 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Tgt Ion: 82 Resp: 831574
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

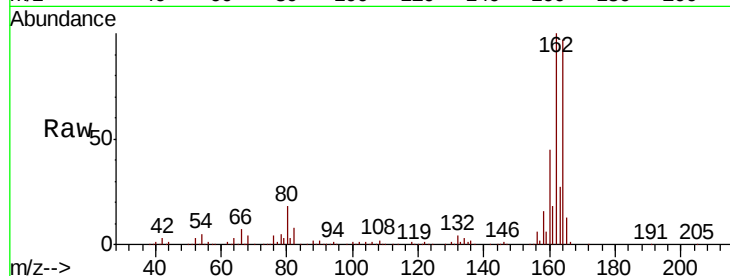




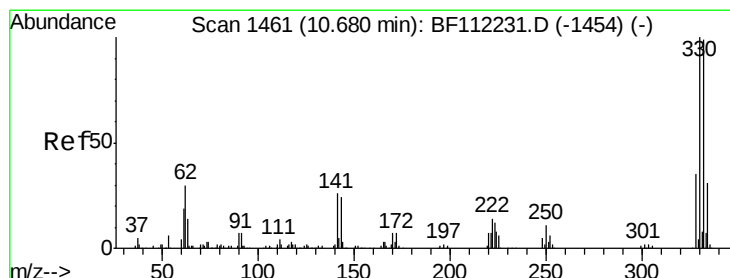
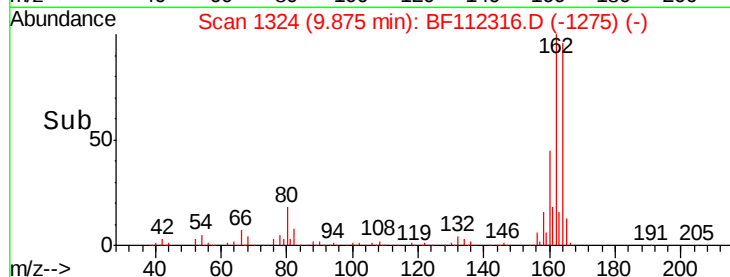
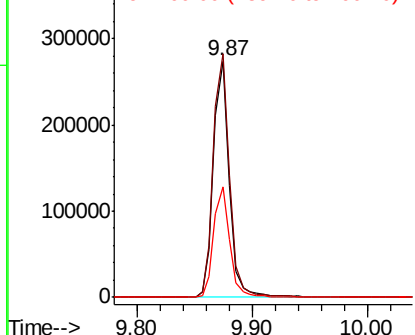
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 262499
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.4
160 46.9 36.2 54.4

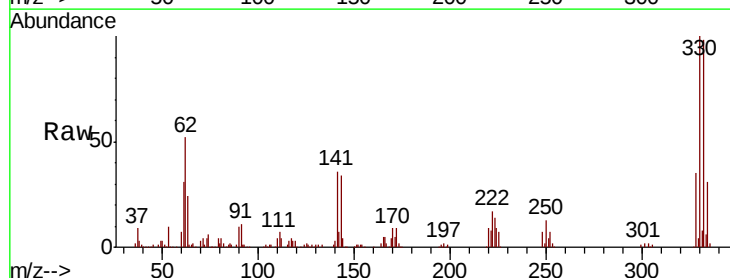


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

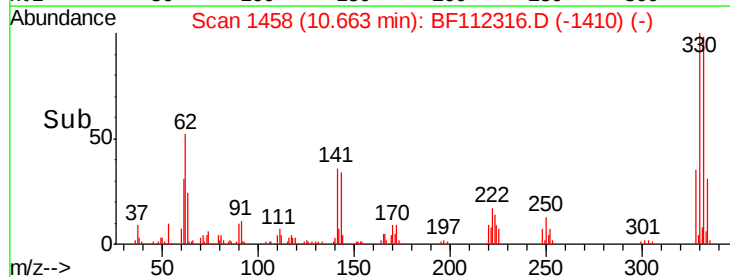
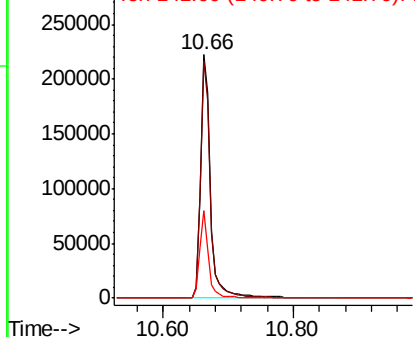


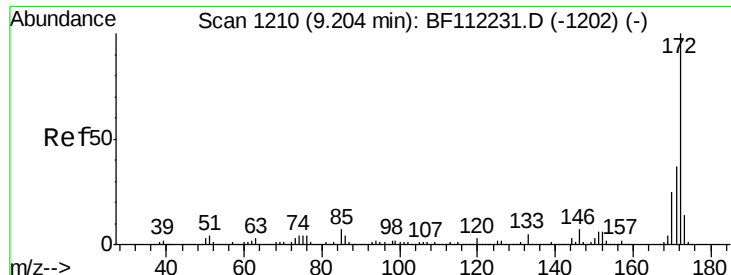
#42
2,4,6-Tribromophenol
Concen: 76.419 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Tgt Ion:330 Resp: 233491
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 32.1 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

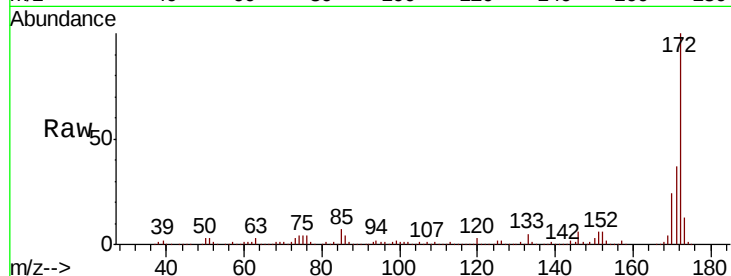




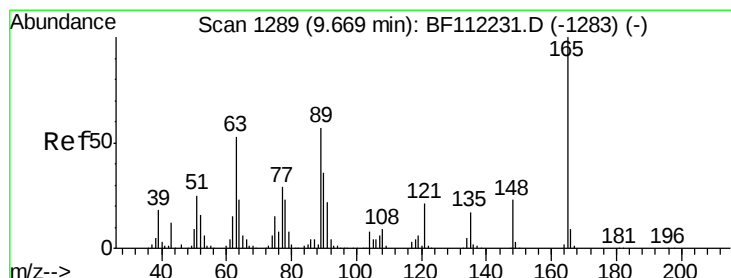
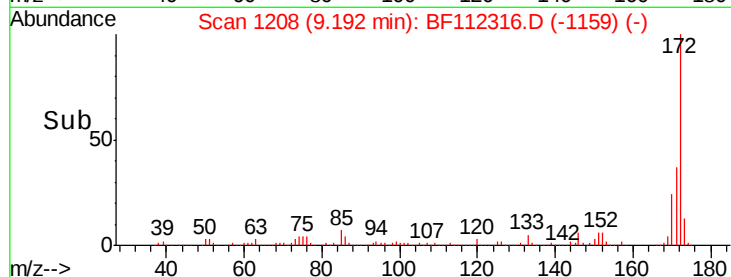
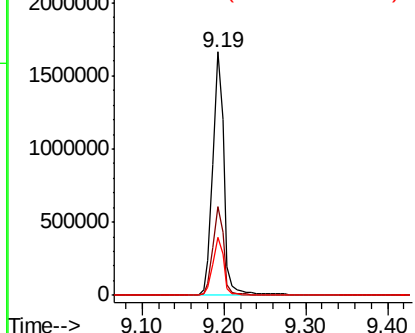
#45
2-Fluorobiphenyl
Concen: 85.786 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1592183
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.8 20.2 30.4

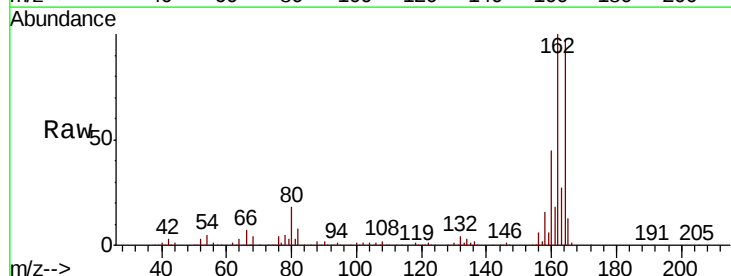


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

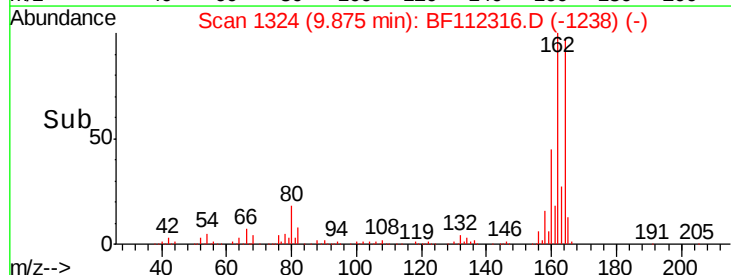
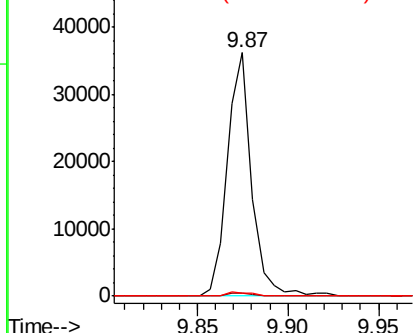


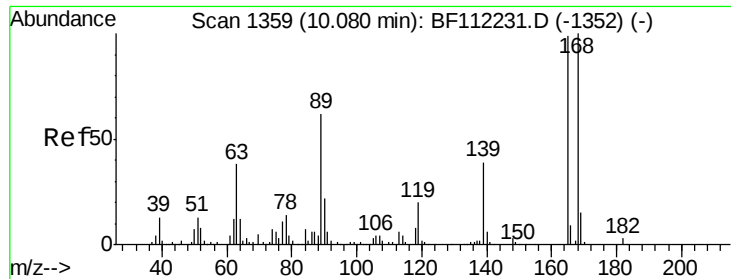
#51
2,6-Dinitrotoluene
Concen: 7.385 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Tgt Ion:165 Resp: 33730
Ion Ratio Lower Upper
165 100
63 1.3 33.8 50.8#
89 1.4 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

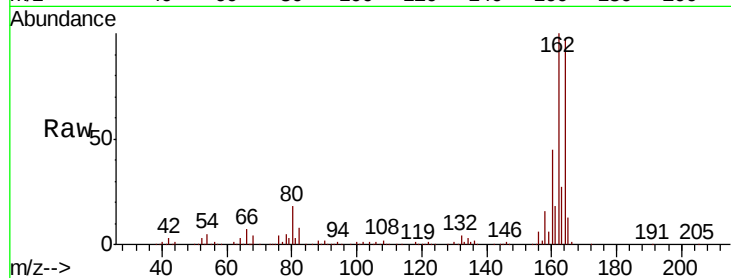




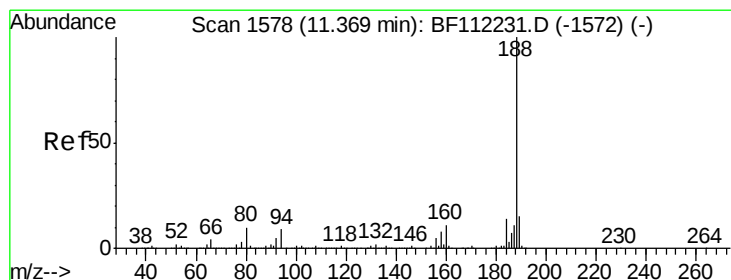
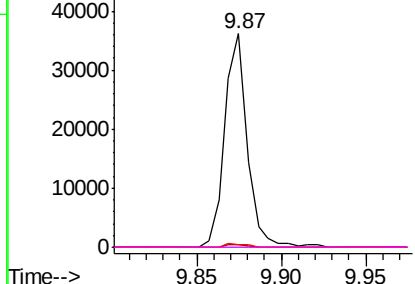
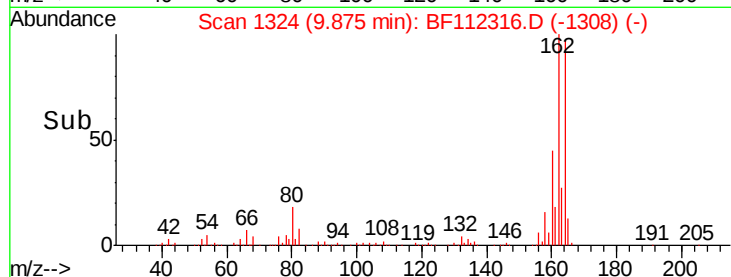
#57
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112316.D
 Acq: 30 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 33731
 Ion Ratio Lower Upper
 165 100
 63 1.3 27.9 41.9#
 89 1.4 47.9 71.9#
 182 0.0 2.2 3.4#

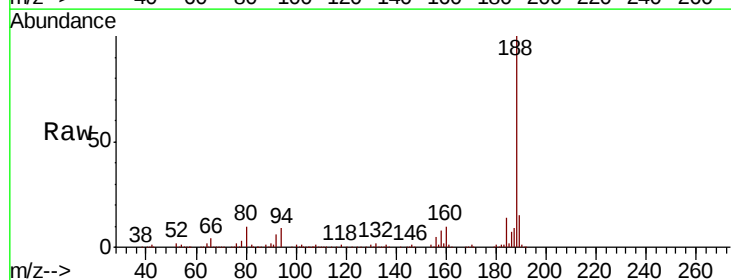


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

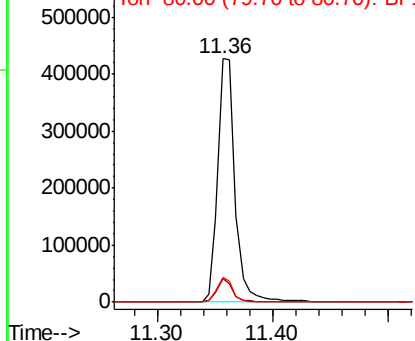
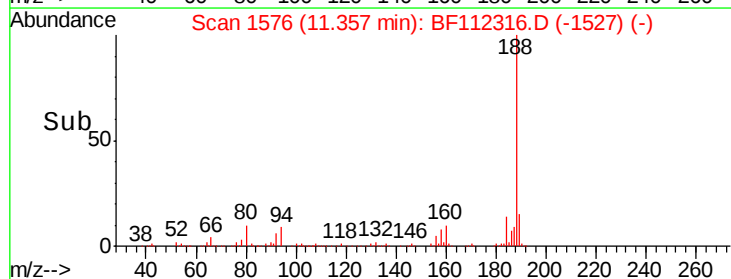


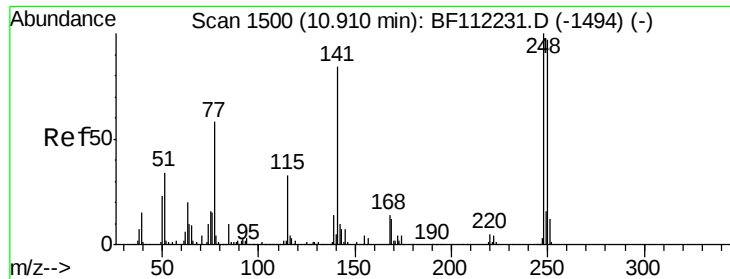
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112316.D
 Acq: 30 Jan 2019 11:39

Tgt Ion:188 Resp: 449271
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.2 12.2
 80 10.2 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

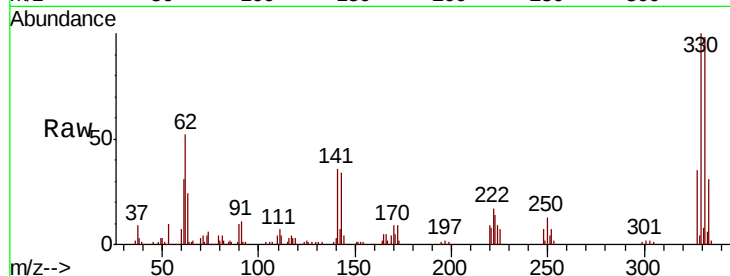




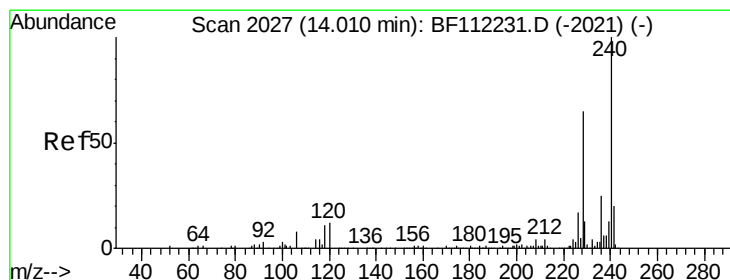
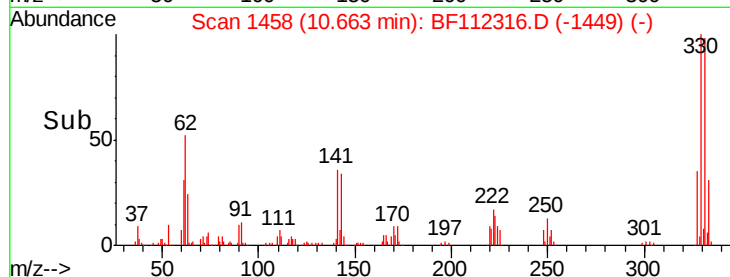
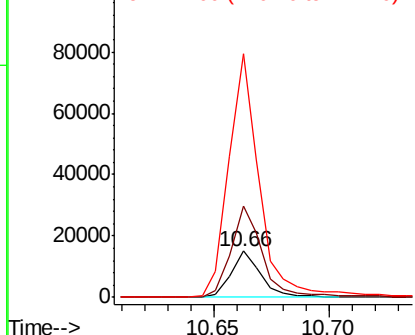
#67
4-Bromophenyl-phenylether
Concen: 2.547 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13461
Ion Ratio Lower Upper
248 100
250 197.8 79.7 119.5#
141 529.2 60.3 90.5#

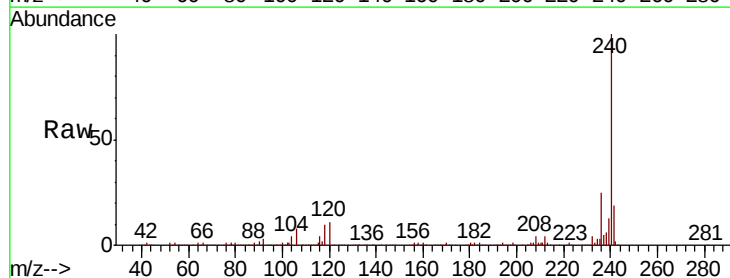


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

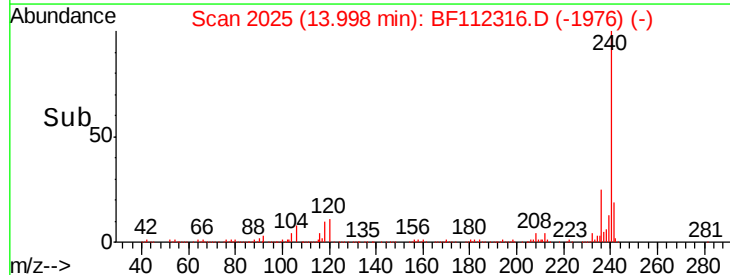
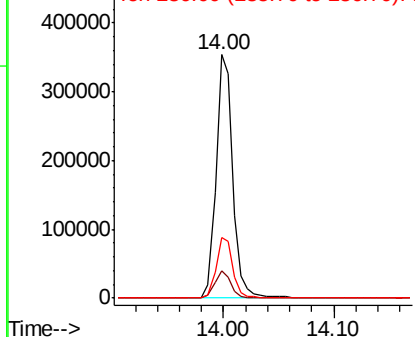


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112316.D
Acq: 30 Jan 2019 11:39

Tgt Ion:240 Resp: 369650
Ion Ratio Lower Upper
240 100
120 11.0 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

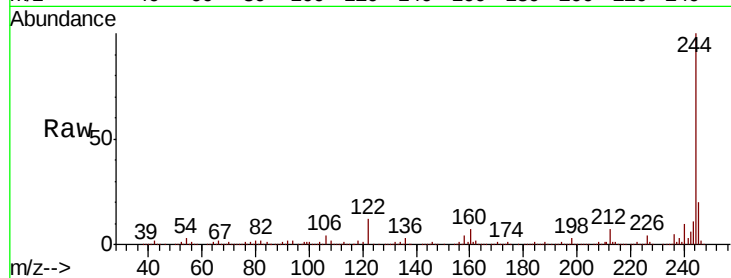




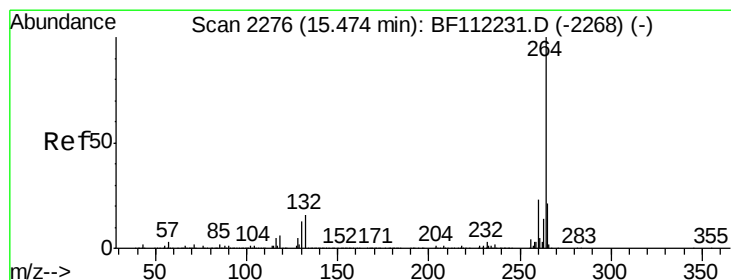
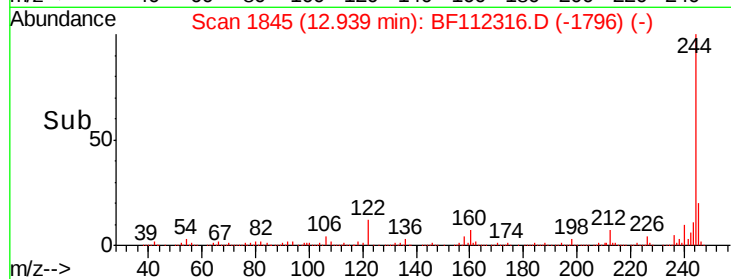
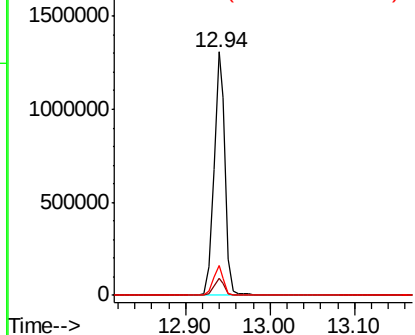
#79
 Terphenyl-d14
 Concen: 62.781 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112316.D
 Acq: 30 Jan 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1232163
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 12.2 9.8 14.6

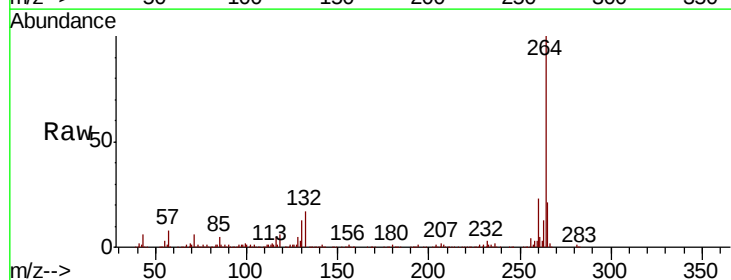


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112316.D
 Acq: 30 Jan 2019 11:39

Tgt Ion:264 Resp: 353414
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 20.9 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

