

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112320.D
 Acq On : 30 Jan 2019 14:31
 Operator : JU/SJ
 Sample : K1250-04 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 15:36:28 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

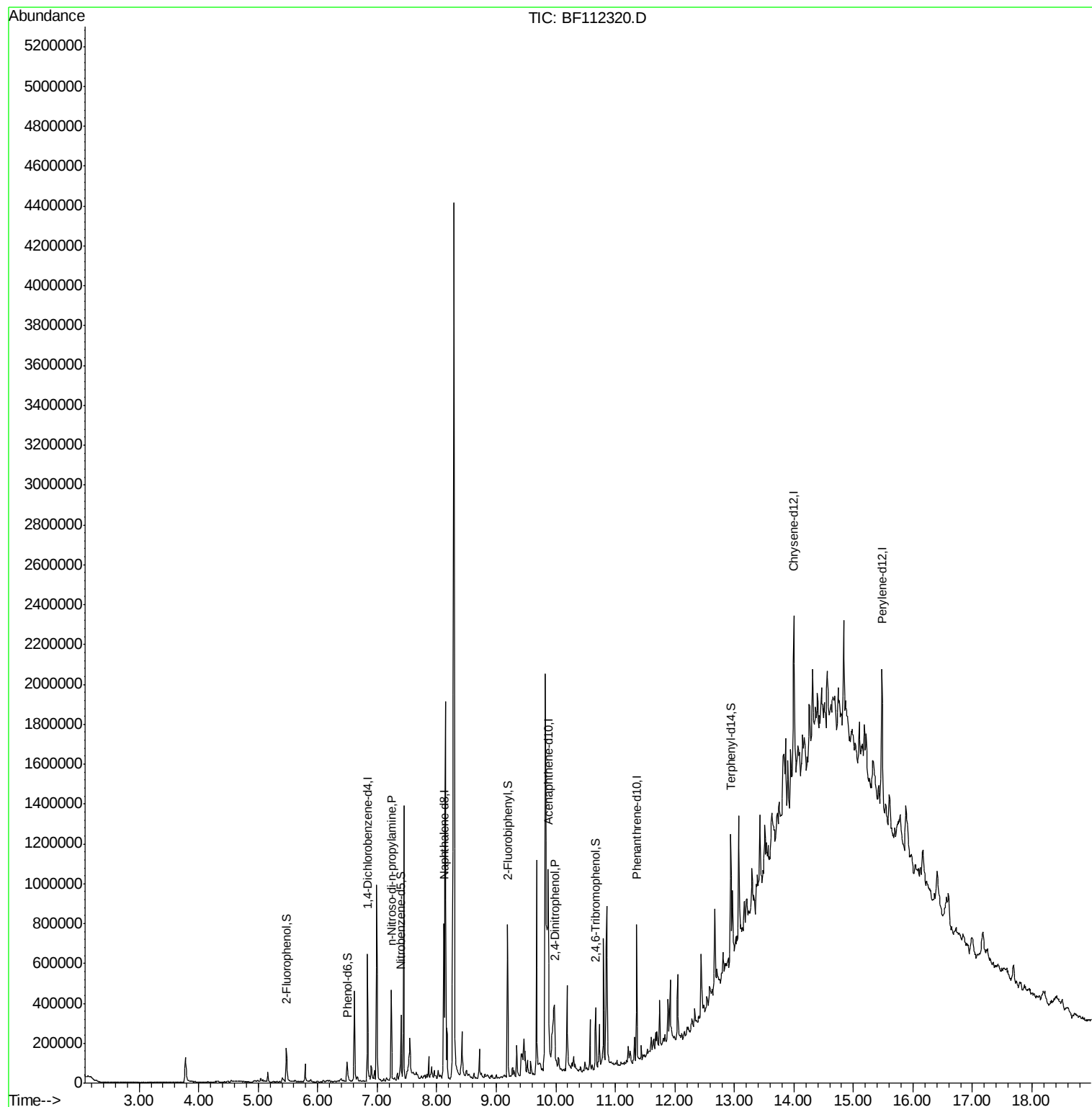
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	97792	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	363433	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	153552	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	258189	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	215206	20.00	ng	0.00
87) Perylene-d12	15.48	264	253596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	60309	13.10	ng	0.00
7) Phenol-d6	6.49	99	46735	7.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	110245	17.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	39152	21.91	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	224144	20.65	ng	-0.01
79) Terphenyl-d14	12.94	244	166750	14.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	11792	2.673	ng	# 71
54) 2,4-Dinitrophenol	9.97	184	2101	2.450	ng	# 49

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

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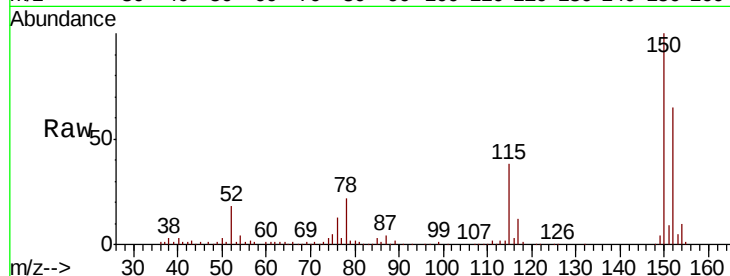


#1

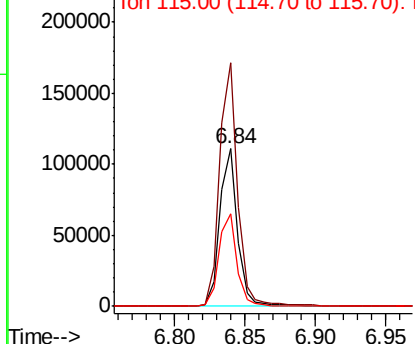
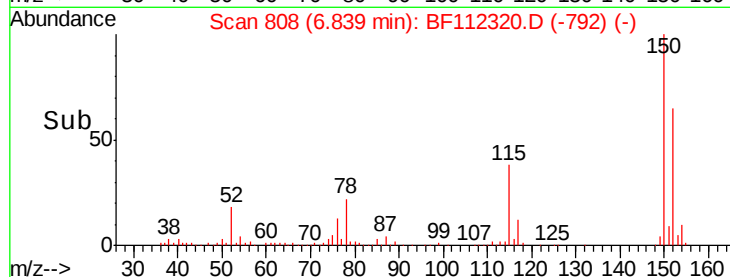
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112320.D
 Acq: 30 Jan 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 97792
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.4 191.0
 115 59.0 45.5 68.3



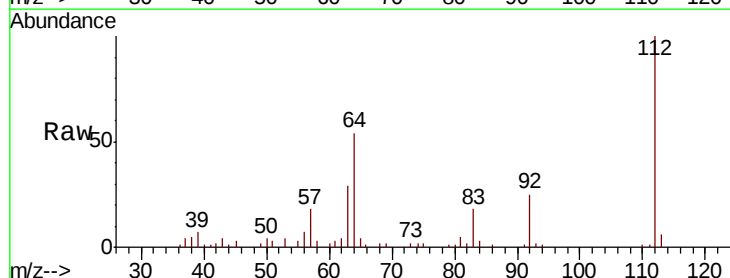
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



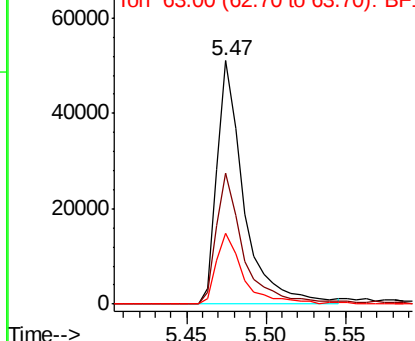
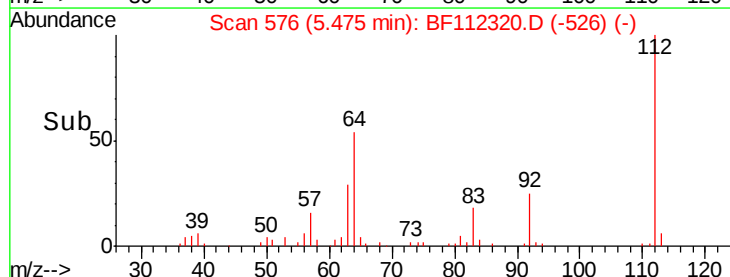
#5

2-Fluorophenol
 Concen: 13.099 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112320.D
 Acq: 30 Jan 2019 14:31

Tgt Ion:112 Resp: 60309
 Ion Ratio Lower Upper
 112 100
 64 53.6 45.7 68.5
 63 29.1 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: 7.305 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112320.D

Acq: 30 Jan 2019 14:31

Instrument :

BNA_F

ClientSampleId :

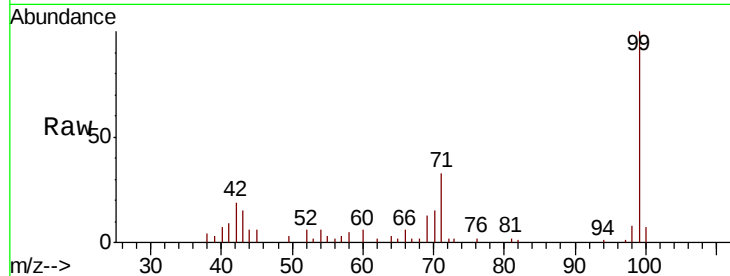
Tot Ion: 99 Resp: 46735

Ion Ratio Lower Upper

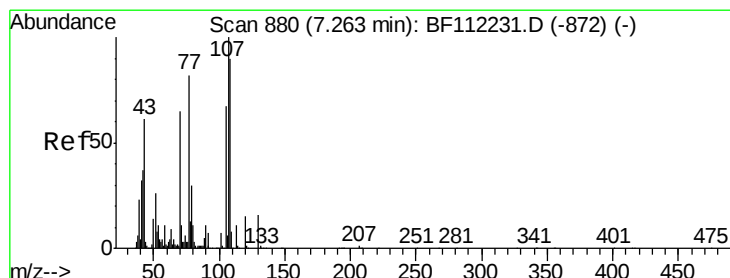
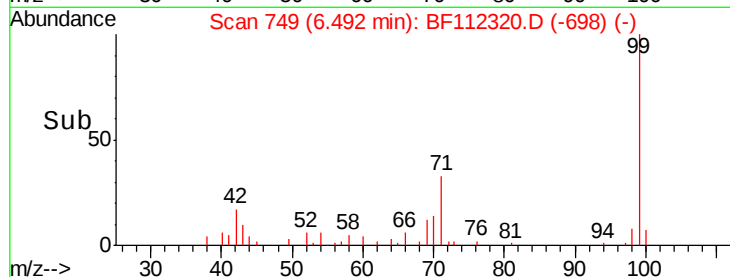
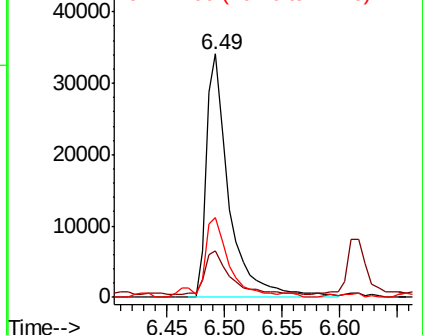
99 100

42 19.1 15.1 22.7

71 33.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.673 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112320.D

Acq: 30 Jan 2019 14:31

Tgt Ion: 70 Resp: 11792

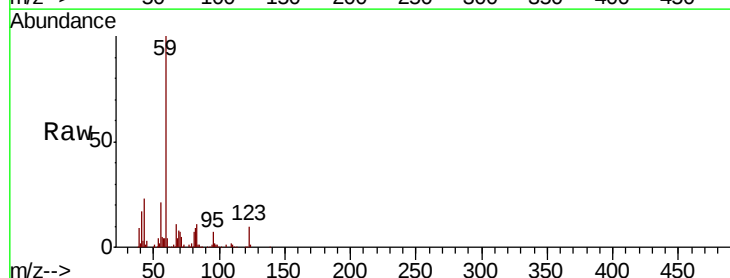
Ion Ratio Lower Upper

70 100

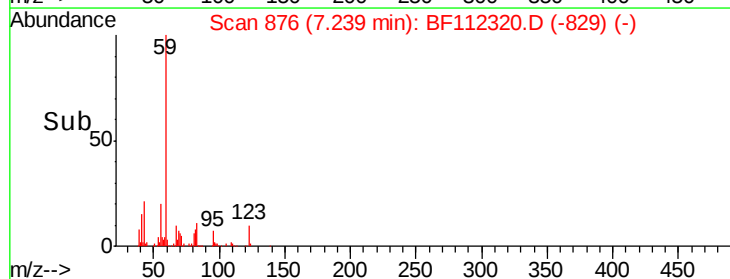
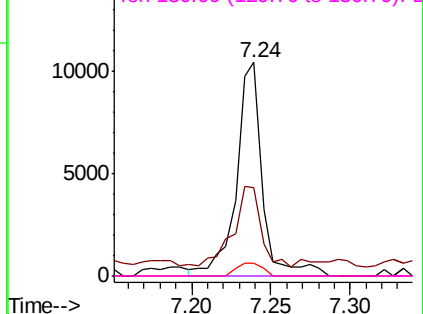
42 41.1 47.6 71.4#

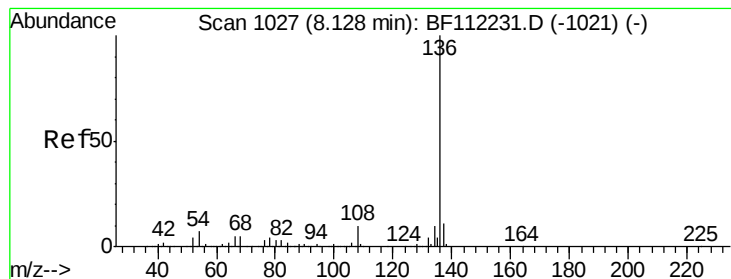
101 5.8 7.9 11.9#

130 0.0 18.4 27.6#



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112320.D

Acq: 30 Jan 2019 14:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 363433

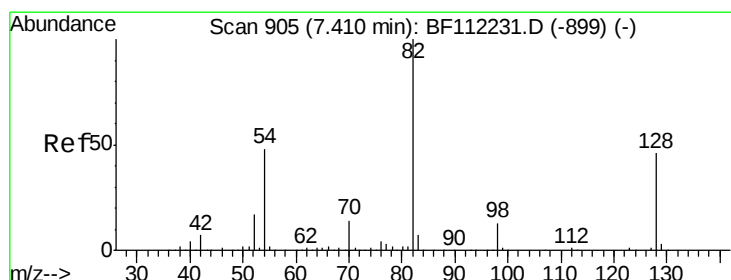
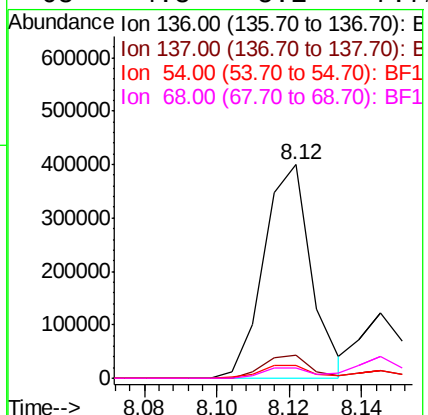
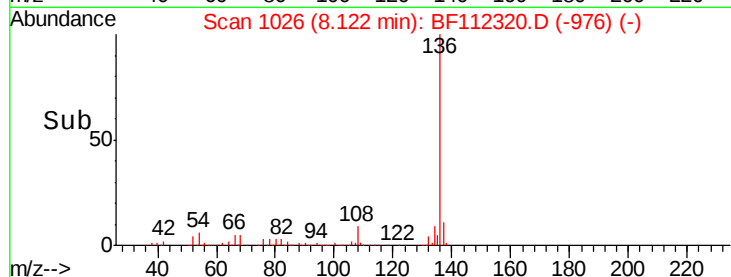
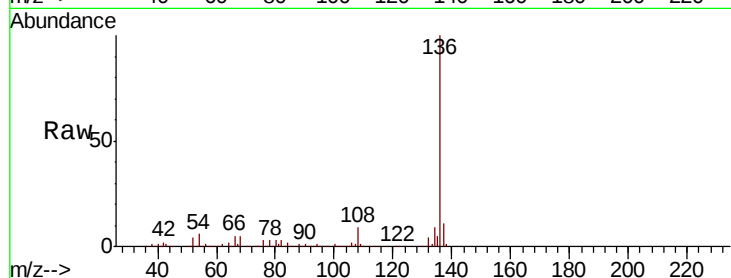
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.9 5.9 8.9#

68 4.8 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 17.479 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112320.D

Acq: 30 Jan 2019 14:31

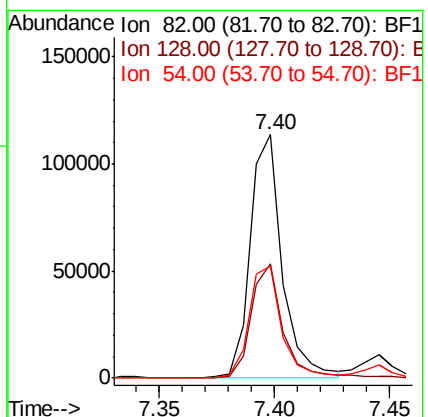
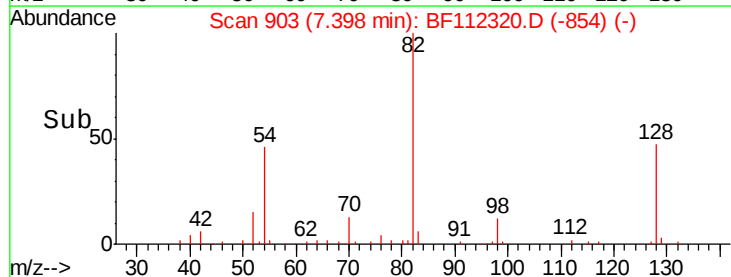
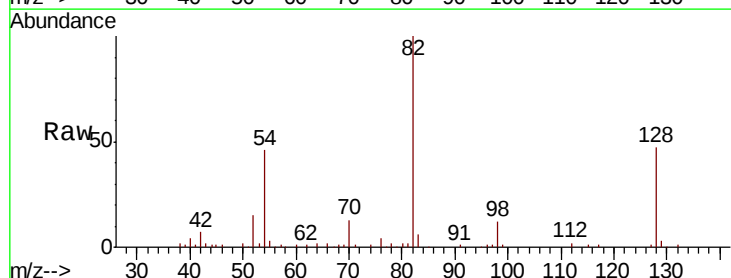
Tgt Ion: 82 Resp: 110245

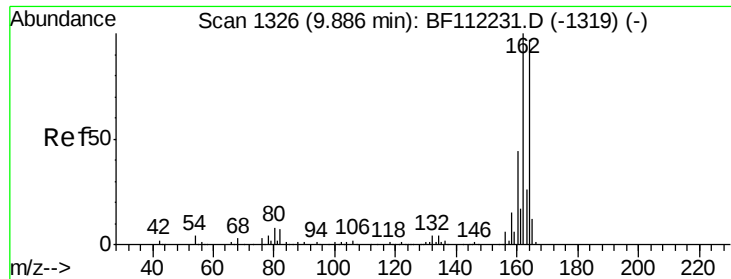
Ion Ratio Lower Upper

82 100

128 47.1 37.8 56.8

54 46.0 39.7 59.5

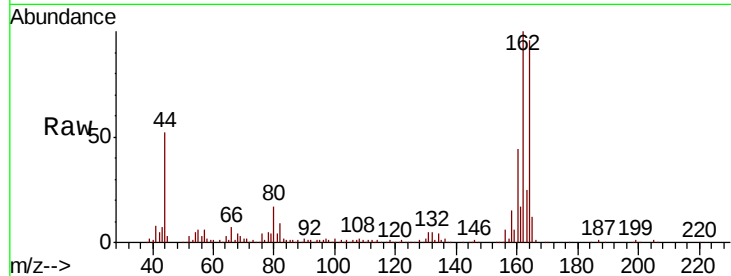




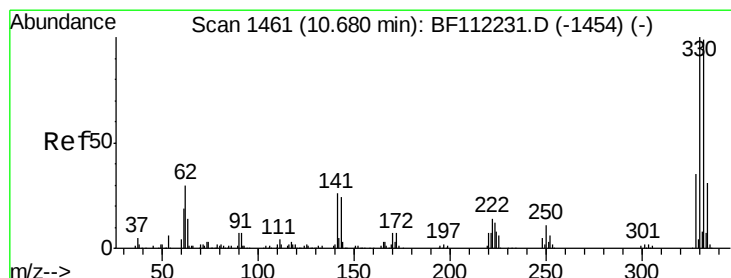
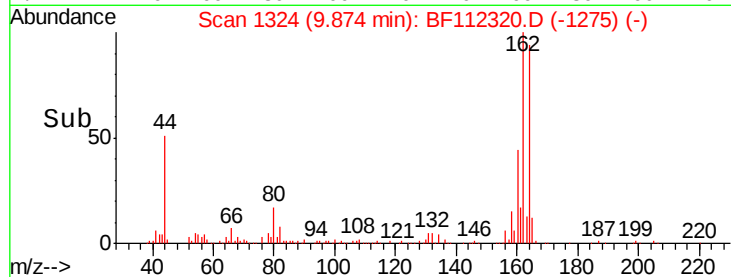
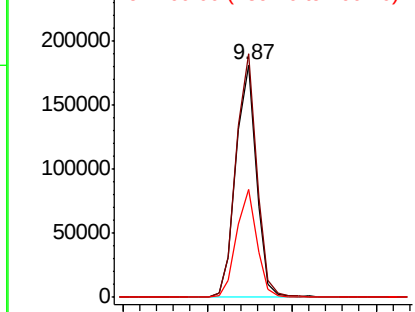
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112320.D
Acq: 30 Jan 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 153552
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.4
160 46.4 36.2 54.4

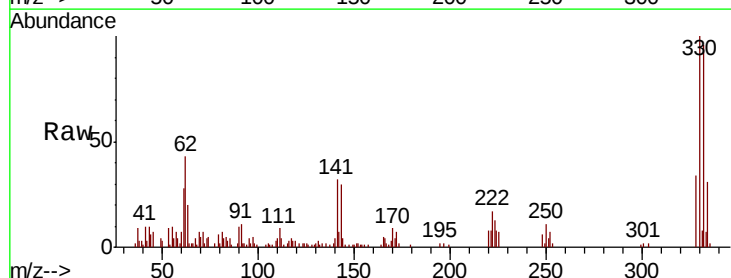


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

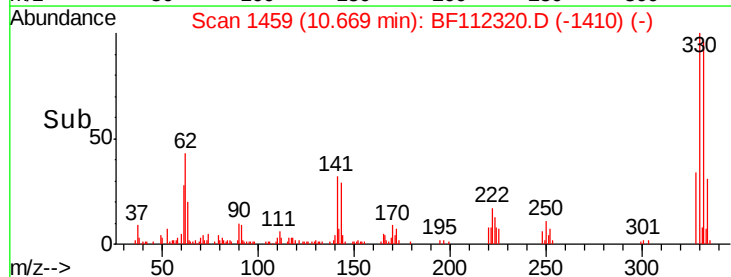
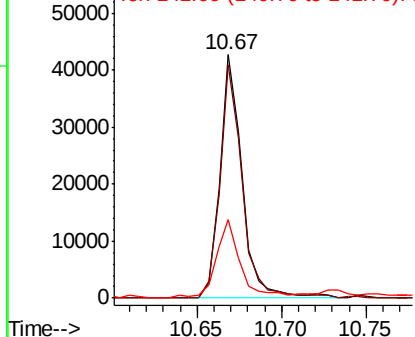


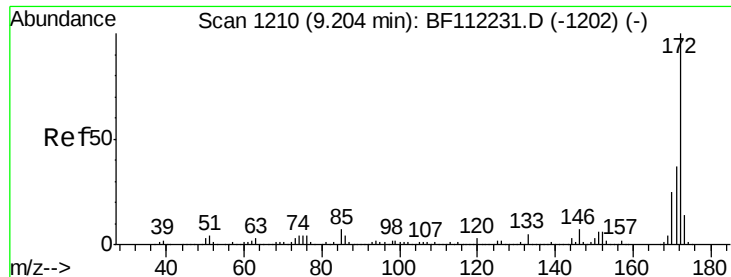
#42
2,4,6-Tribromophenol
Concen: 21.906 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112320.D
Acq: 30 Jan 2019 14:31

Tgt Ion:330 Resp: 39152
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 36.5 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

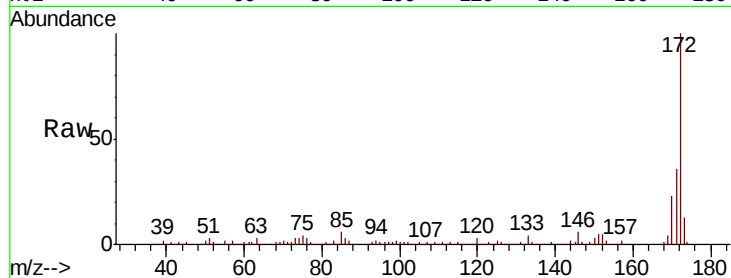




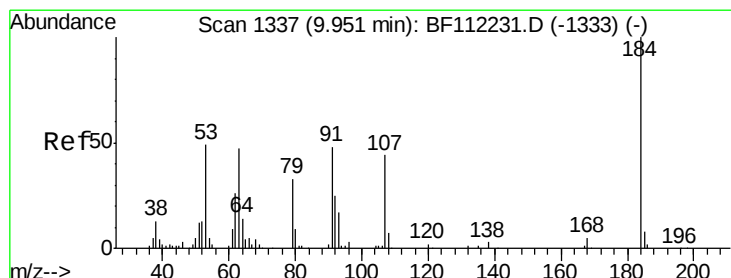
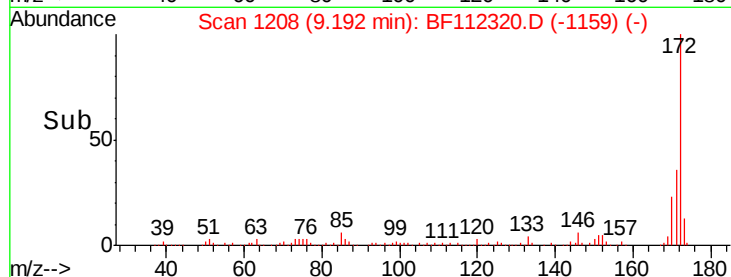
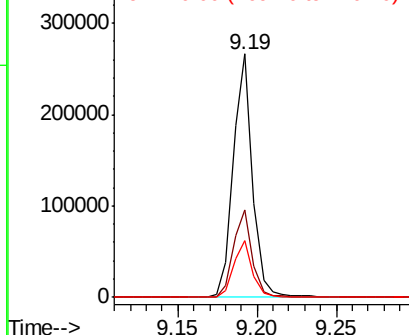
#45
 2-Fluorobiphenyl
 Concen: 20.645 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112320.D
 Acq: 30 Jan 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 224144
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.5 45.7
 170 23.5 20.2 30.4

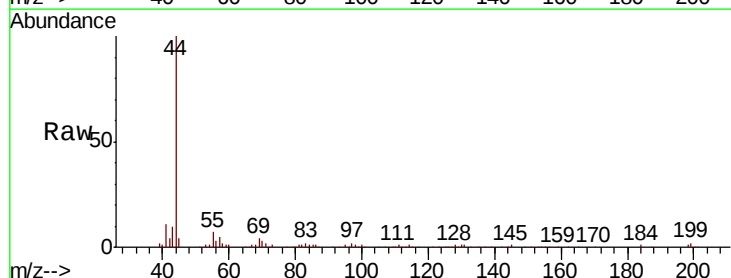


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

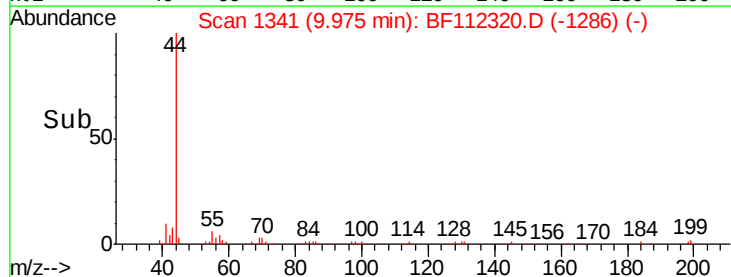
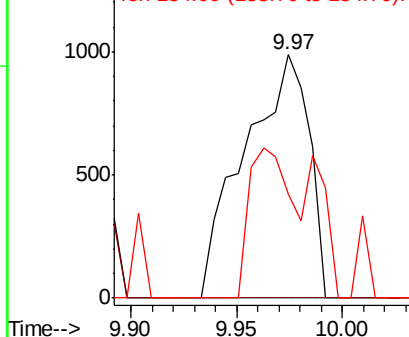


#54
 2,4-Dinitrophenol
 Concen: 2.450 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.02 min
 Lab File: BF112320.D
 Acq: 30 Jan 2019 14:31

Tgt Ion:184 Resp: 2101
 Ion Ratio Lower Upper
 184 100
 63 0.0 47.1 70.7#
 154 42.7 48.9 73.3#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

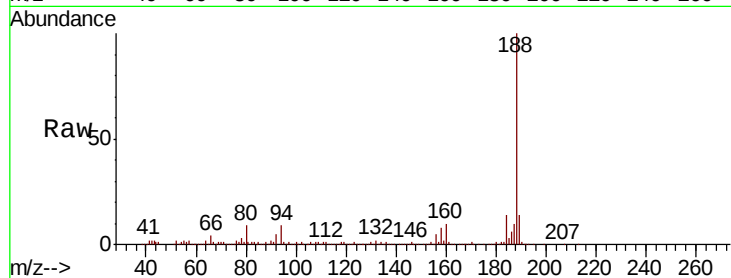




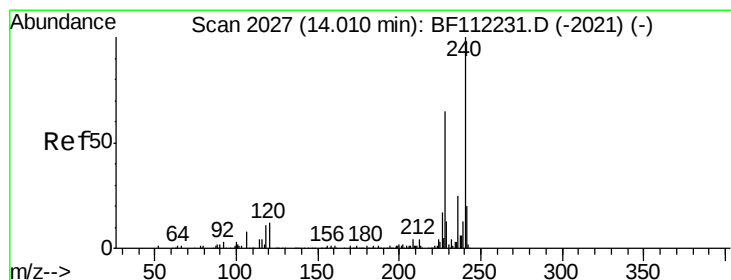
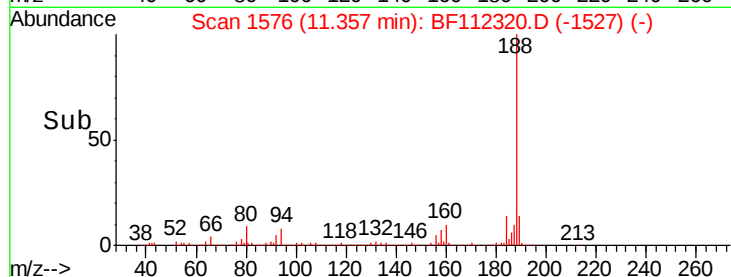
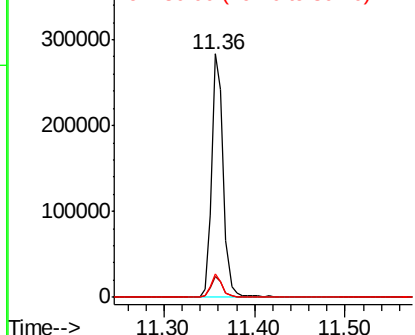
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112320.D
Acq: 30 Jan 2019 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 258189
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.4 8.9 13.3

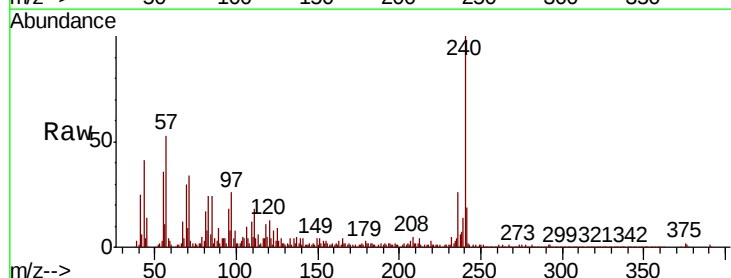


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

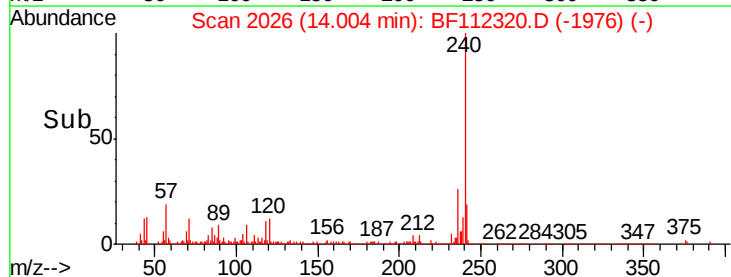
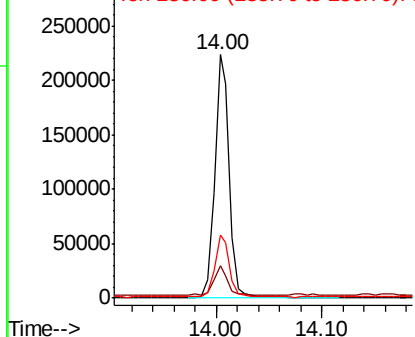


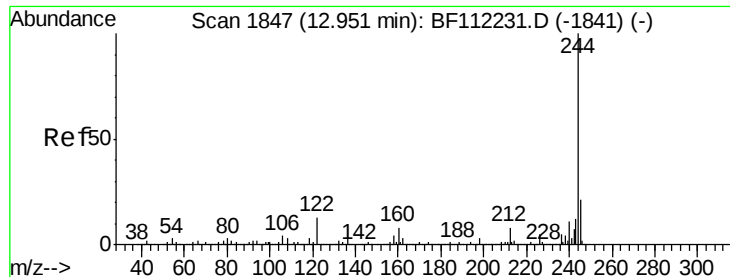
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112320.D
Acq: 30 Jan 2019 14:31

Tgt Ion:240 Resp: 215206
Ion Ratio Lower Upper
240 100
120 13.4 9.0 13.6
236 25.9 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

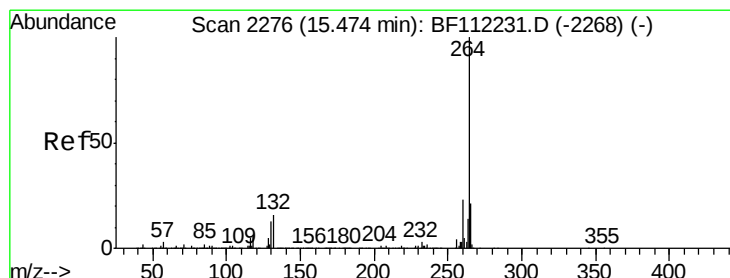
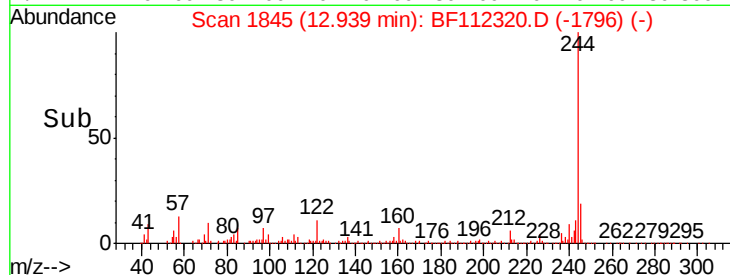
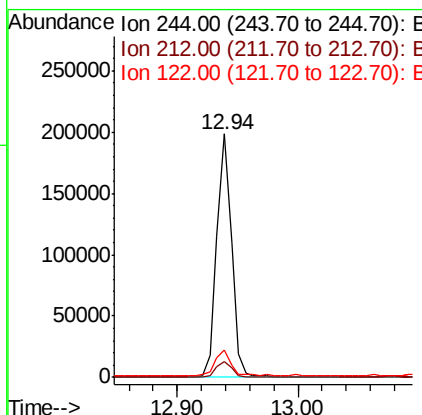
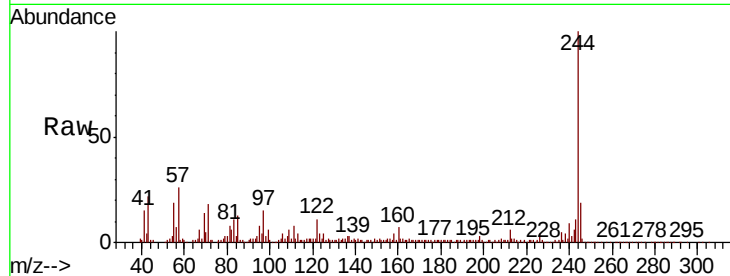




#79
 Terphenyl-d14
 Concen: 14.594 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112320.D
 Acq: 30 Jan 2019 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 166750
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 11.1 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF112320.D
 Acq: 30 Jan 2019 14:31

Tgt Ion:264 Resp: 253596
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.6 17.0 25.4

