

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112572.D
 Acq On : 14 Feb 2019 17:14
 Operator : JU/SJ
 Sample : K1458-11RE 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Feb 15 04:23:12 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

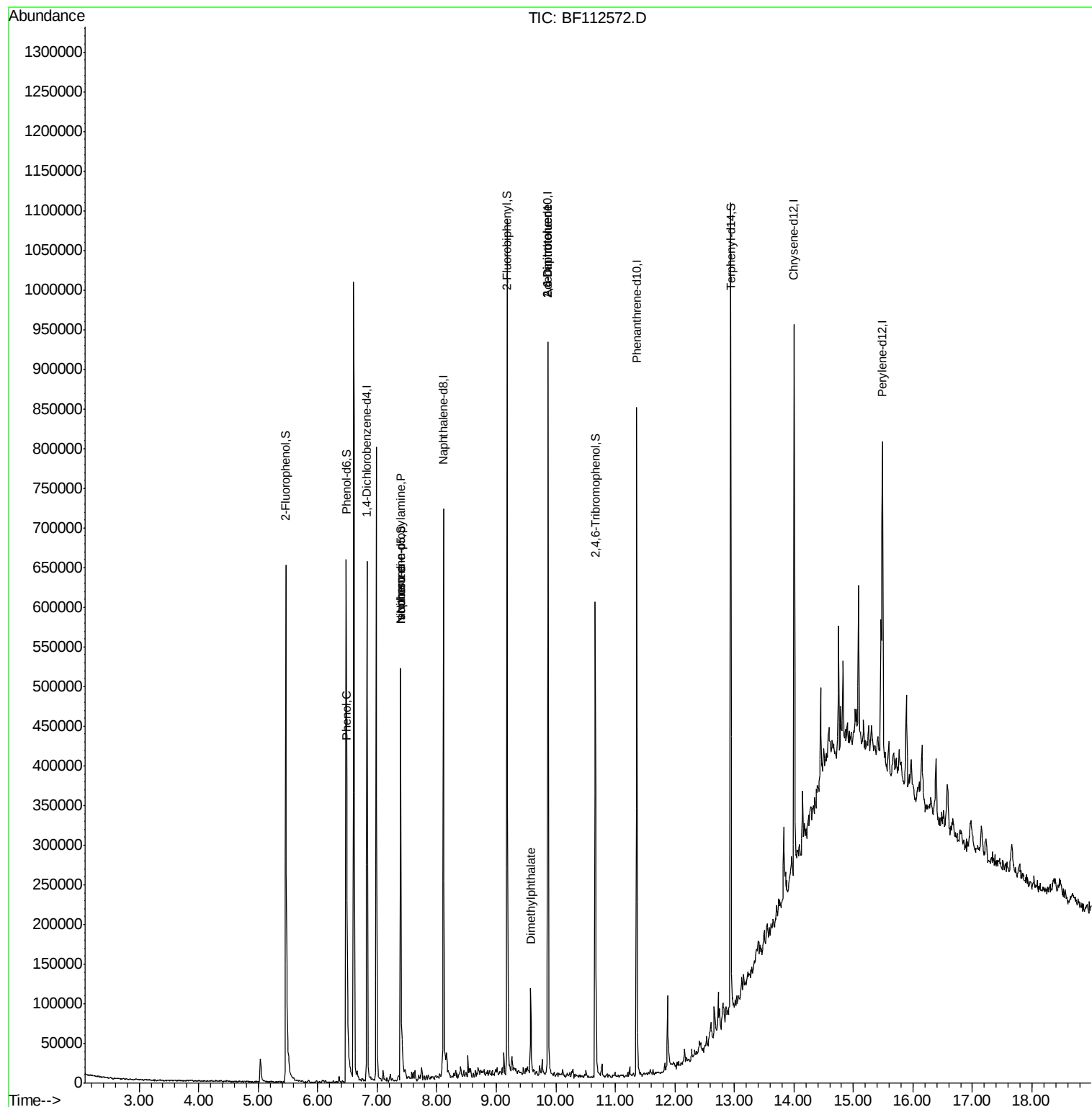
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	102259	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	389420	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	179949	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	327213	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	249396	20.00	ng	0.00
87) Perylene-d12	15.49	264	195046	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	241490	50.16	ng	-0.02
7) Phenol-d6	6.48	99	311006	46.49	ng	-0.01
23) Nitrobenzene-d5	7.39	82	188029	27.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	77925	37.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	360361	28.32	ng	-0.02
79) Terphenyl-d14	12.94	244	334523	25.26	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	16547	2.255	ng	88
19) n-Nitroso-di-n-propylamine	7.39	70	24841	5.385	ng	# 78
25) Isophorone	7.39	82	188028	17.734	ng	# 64
50) Dimethylphthalate	9.58	163	36470	2.609	ng	# 98
51) 2,6-Dinitrotoluene	9.87	165	22595	7.216	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	22595	5.668	ng	# 32

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

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Quant Time: Feb 14 18:09:50 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



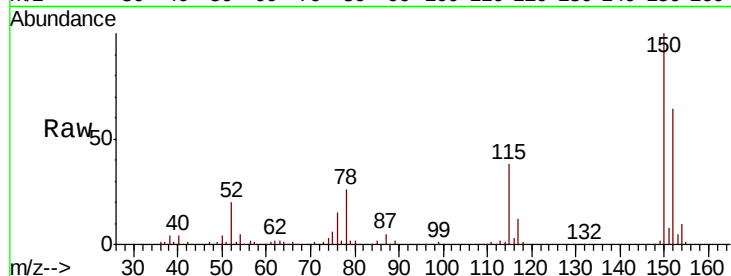


#1

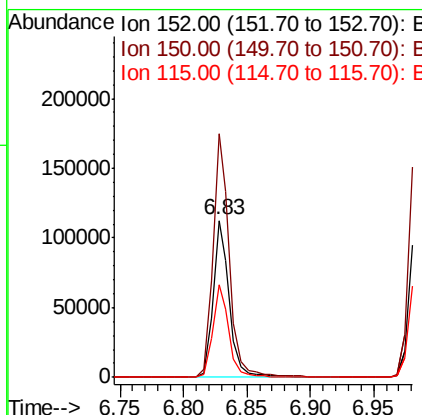
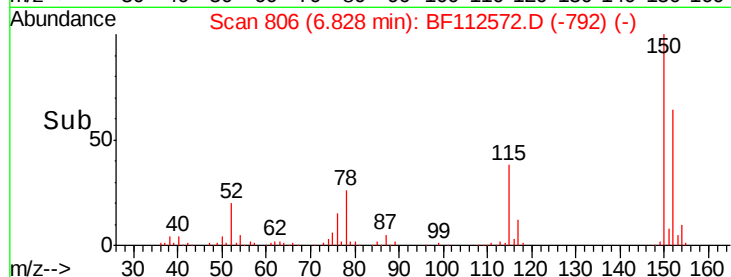
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112572.D
 Acq: 14 Feb 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 SB-7

Tot Ion:152 Resp: 102259
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.4 191.0
 115 59.4 45.5 68.3



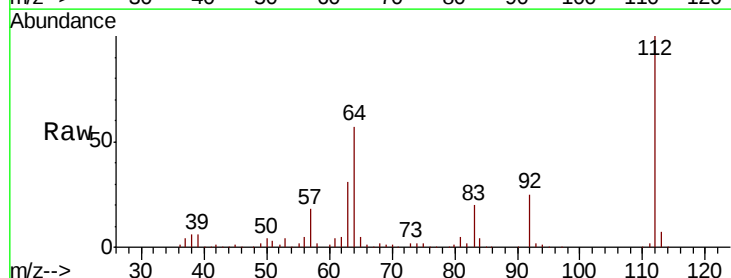
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



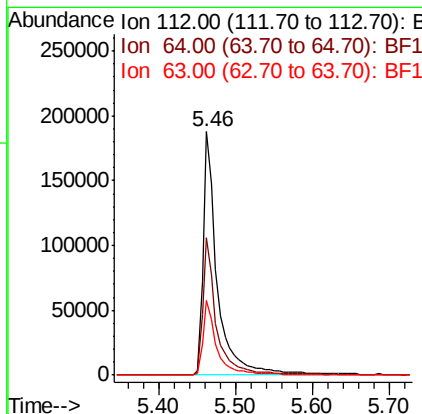
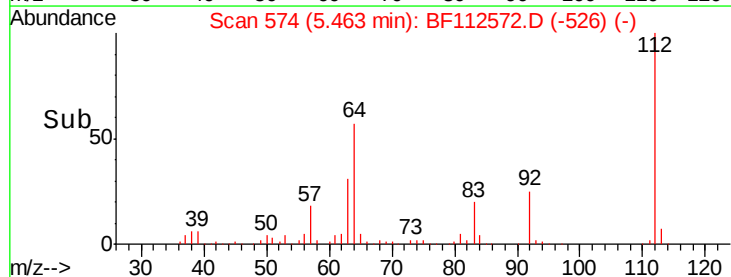
#5

2-Fluorophenol
 Concen: 50.161 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112572.D
 Acq: 14 Feb 2019 17:14

Tgt Ion:112 Resp: 241490
 Ion Ratio Lower Upper
 112 100
 64 56.6 45.7 68.5
 63 30.7 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: 46.490 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112572.D

Acq: 14 Feb 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SB-7

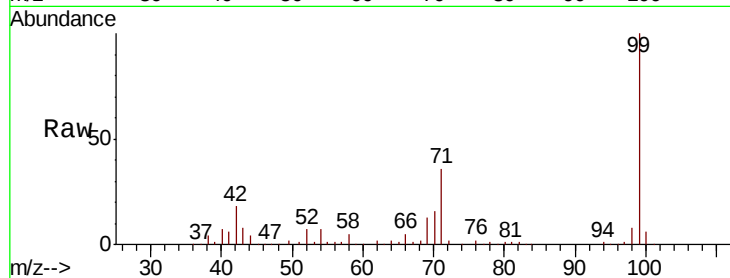
Tot Ion: 99 Resp: 311006

Ion Ratio Lower Upper

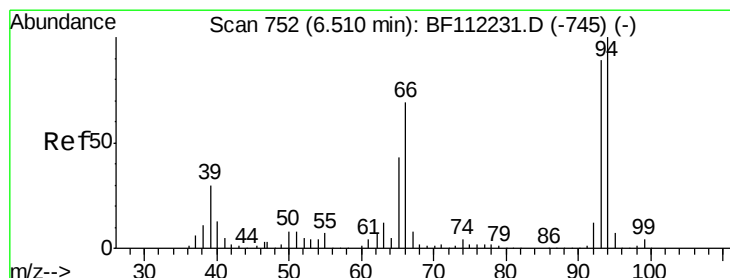
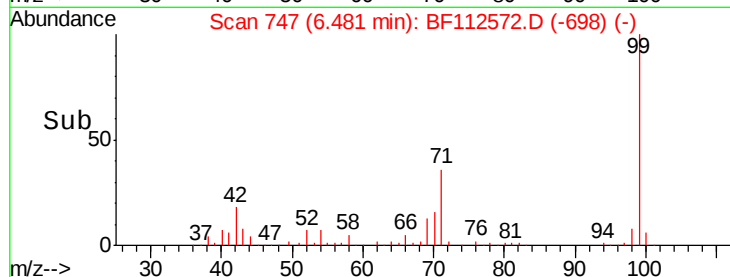
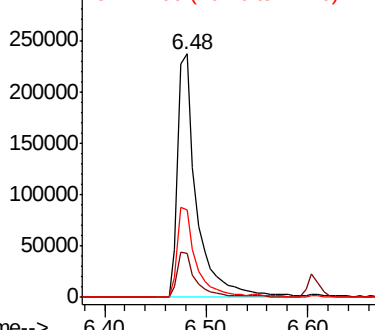
99 100

42 17.9 15.1 22.7

71 35.9 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: 2.255 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112572.D

Acq: 14 Feb 2019 17:14

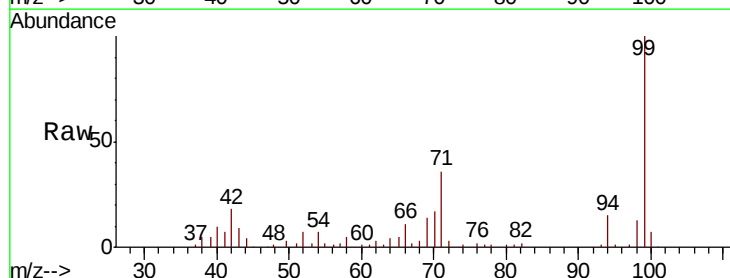
Tgt Ion: 94 Resp: 16547

Ion Ratio Lower Upper

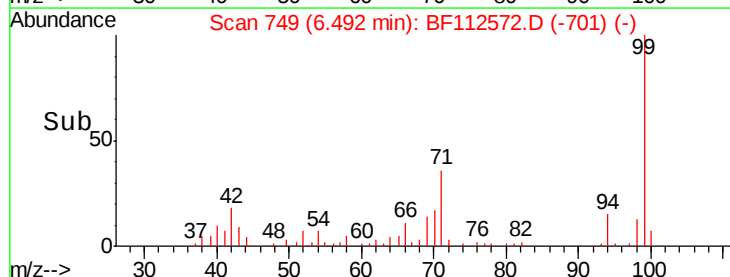
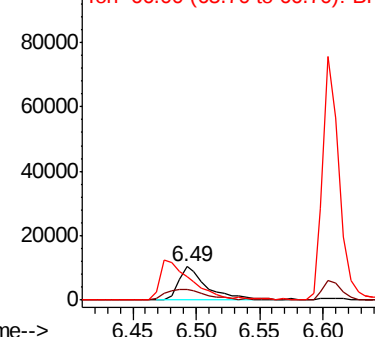
94 100

65 33.5 20.3 60.3

66 71.6 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

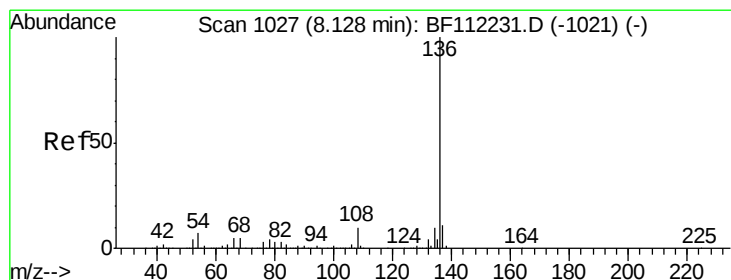
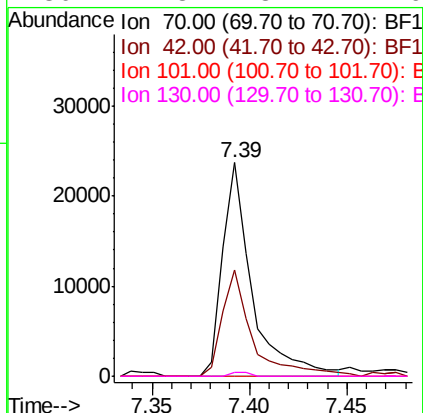
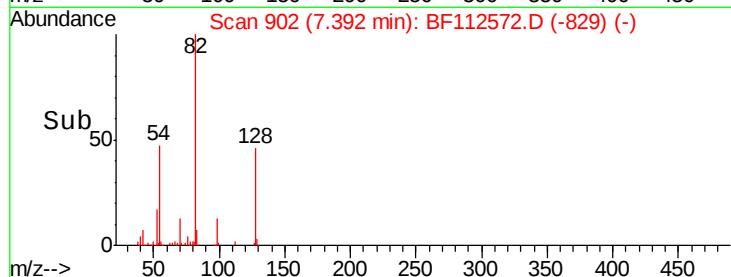
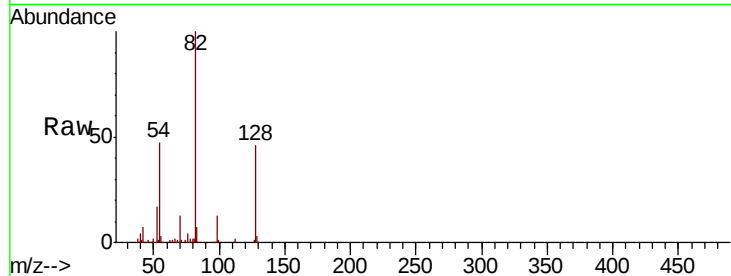




#19
n-Nitroso-di-n-propylamine
Concen: 5.385 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

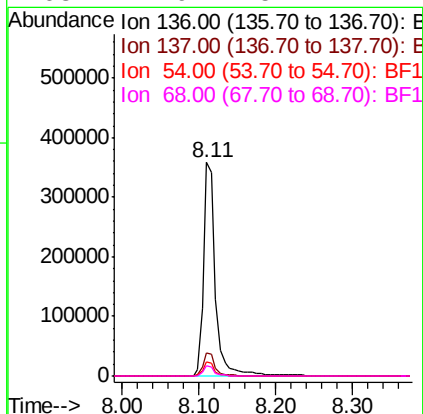
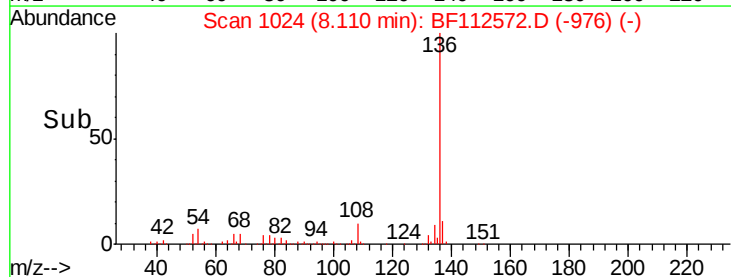
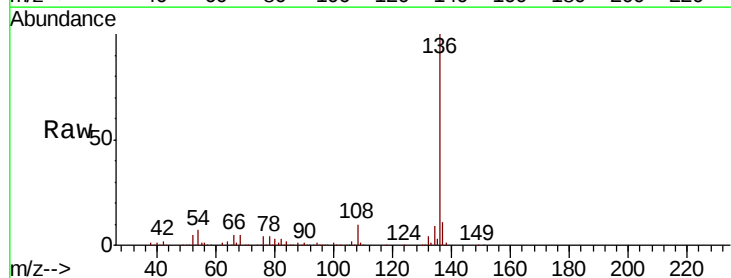
Instrument :
BNA_F
ClientSampled :
SB-7

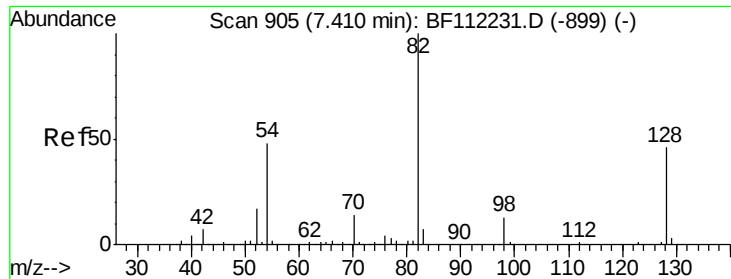
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.6	71.4
101	0.0	7.9	11.9#
130	1.8	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.7	5.9	8.9
68	4.9	5.1	7.7#

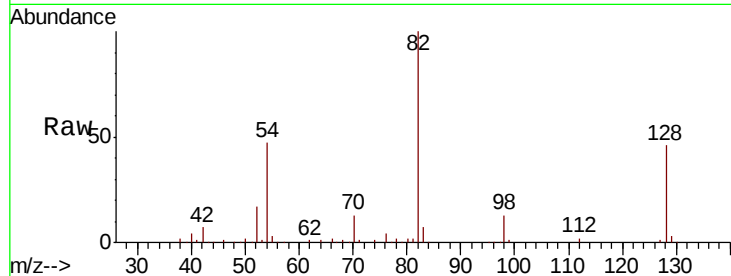




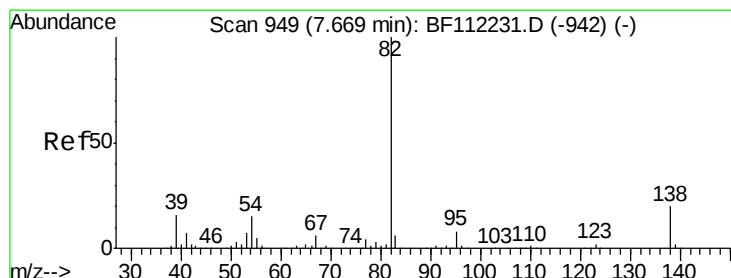
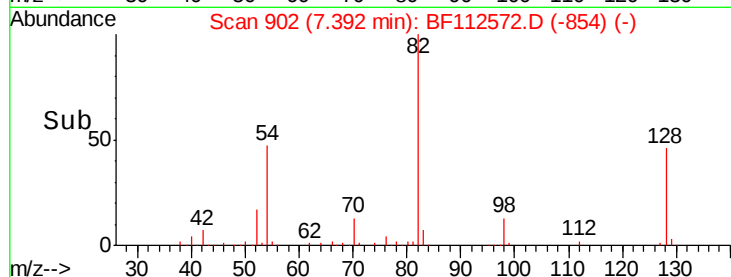
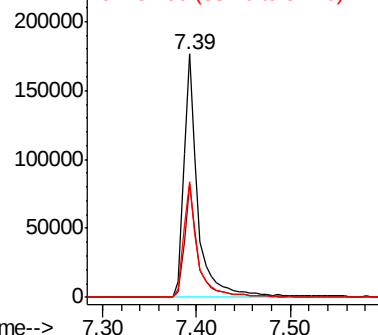
#23
Nitrobenzene-d5
Concen: 27.821 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

Instrument :
BNA_F
ClientSampled :
SB-7

Tot Ion	82	Resp	188029
Ion Ratio	100	Lower	Upper
128	46.3	37.8	56.8
54	47.3	39.7	59.5

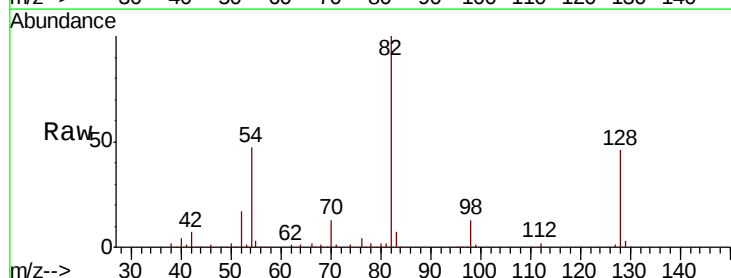


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

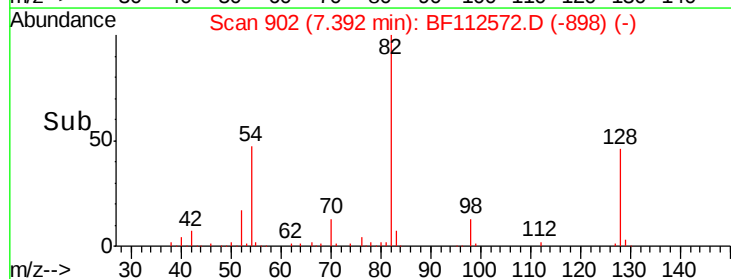
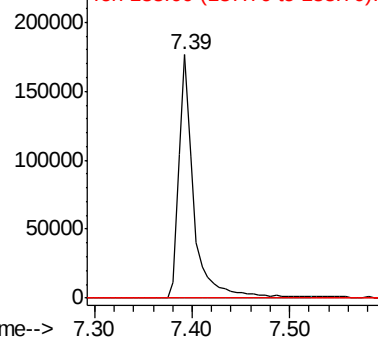


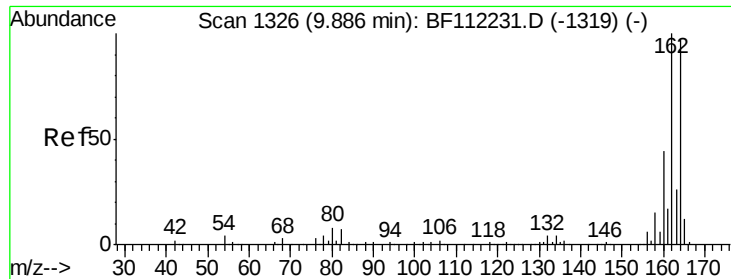
#25
Isophorone
Concen: 17.734 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

Tgt Ion	82	Resp	188028
Ion Ratio	100	Lower	Upper
95	0.2	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

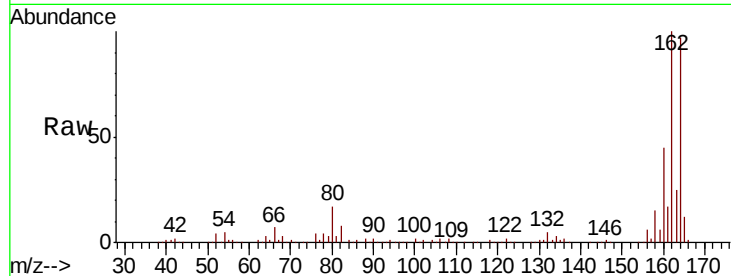




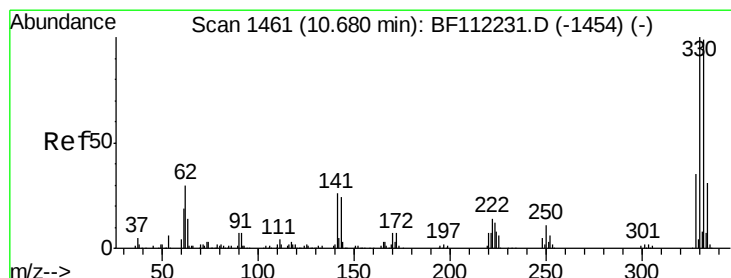
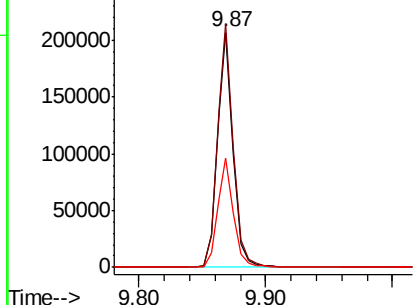
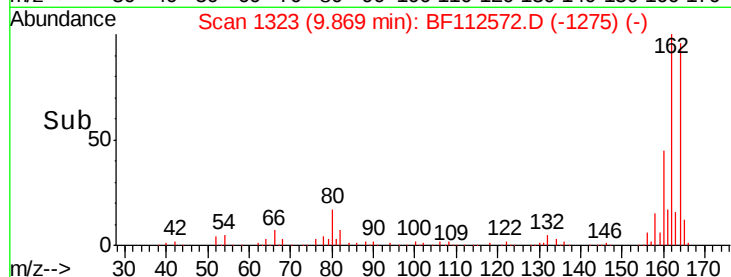
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112572.D
 Acq: 14 Feb 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tot Ion:164 Resp: 179949
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.4
 160 46.2 36.2 54.4

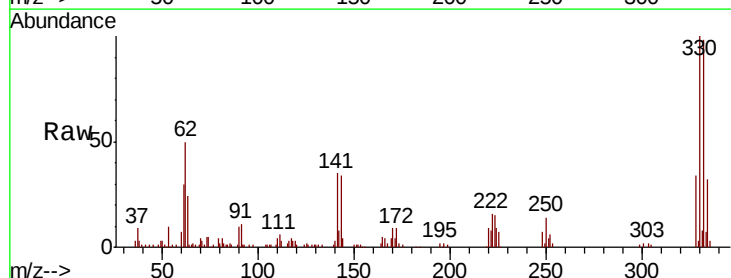


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

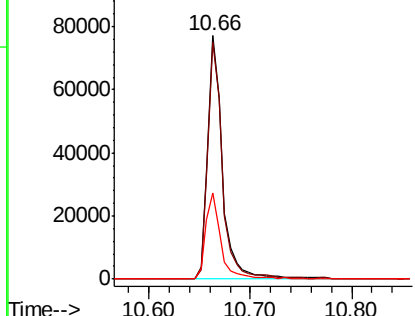
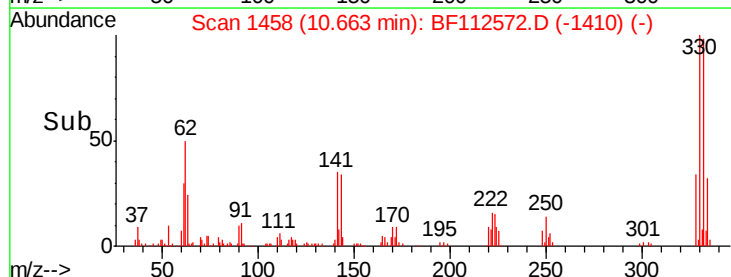


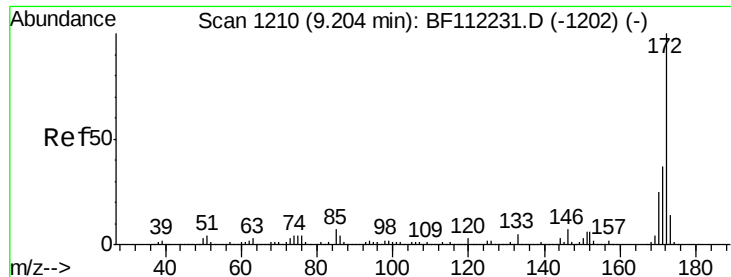
#42
 2,4,6-Tribromophenol
 Concen: 37.204 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112572.D
 Acq: 14 Feb 2019 17:14

Tgt Ion:330 Resp: 77925
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 35.8 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

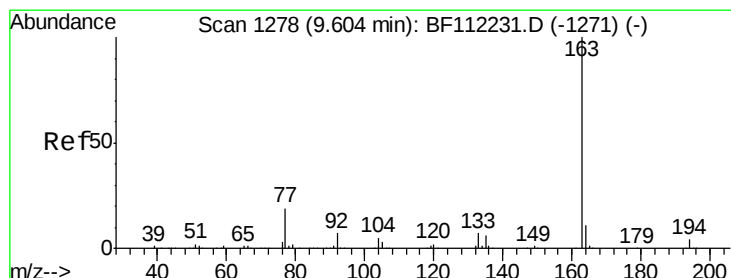
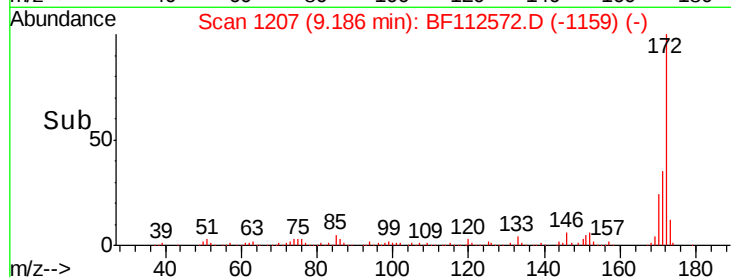
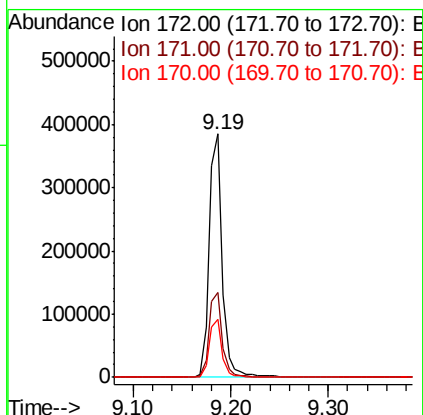
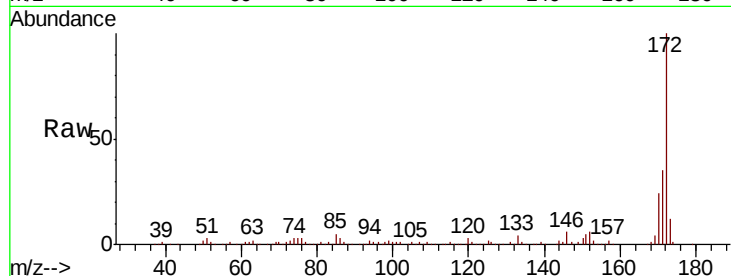




#45
2-Fluorobiphenyl
Concen: 28.323 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

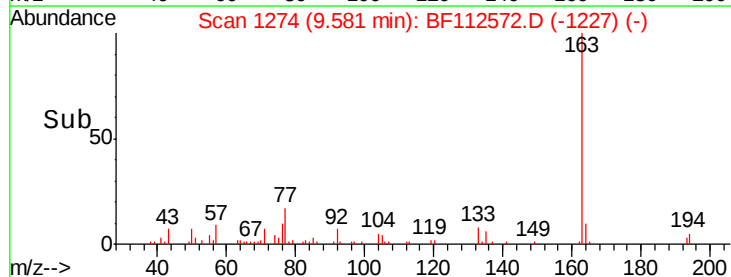
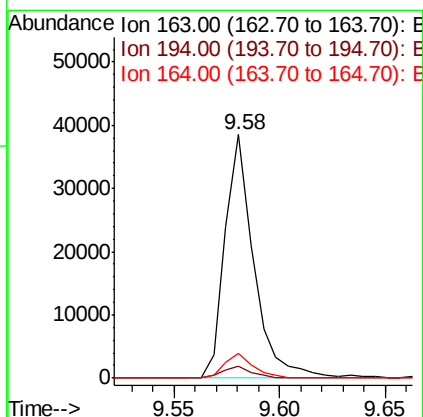
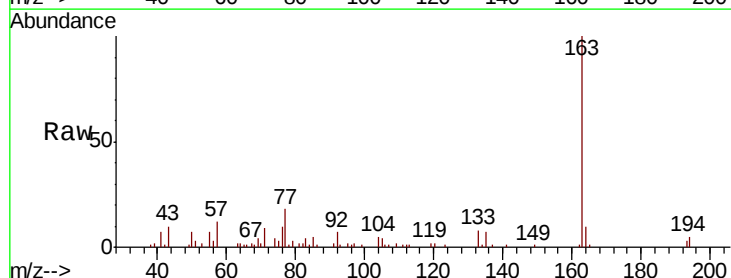
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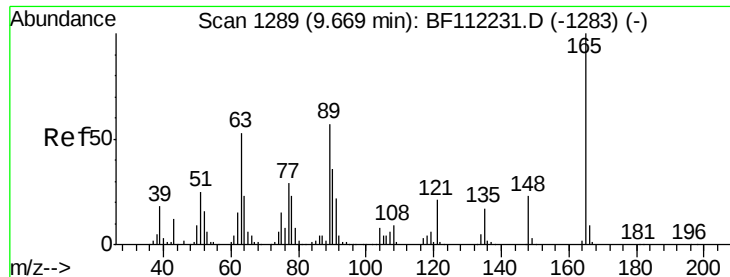
Tot Ion:172 Resp: 360361
Ion Ratio Lower Upper
172 100
171 35.1 30.5 45.7
170 24.0 20.2 30.4



#50
Dimethylphthalate
Concen: 2.609 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

Tgt Ion:163 Resp: 36470
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9#
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 7.216 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112572.D

Acq: 14 Feb 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SB-7

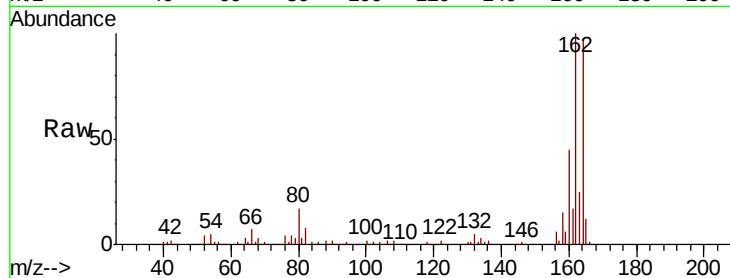
Tot Ion:165 Resp: 22595

Ion Ratio Lower Upper

165 100

63 2.1 33.8 50.8#

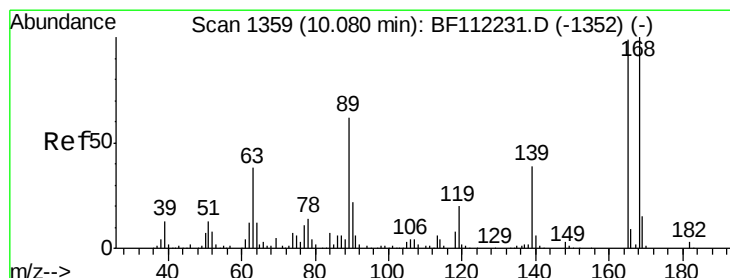
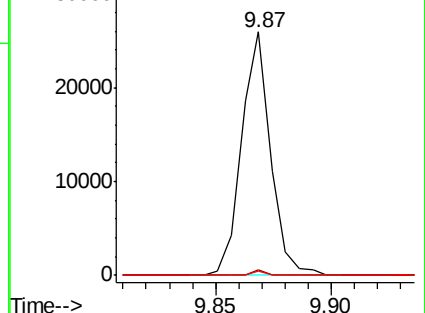
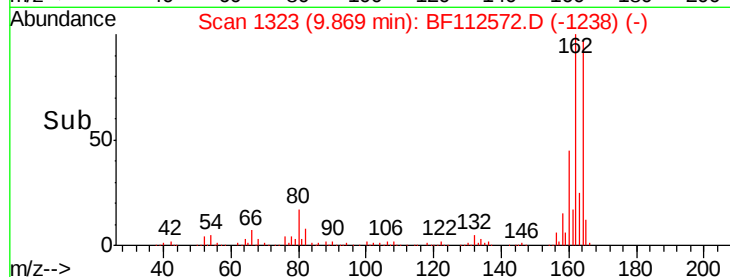
89 2.0 36.9 55.3#



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: 5.668 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112572.D

Acq: 14 Feb 2019 17:14

Tgt Ion:165 Resp: 22595

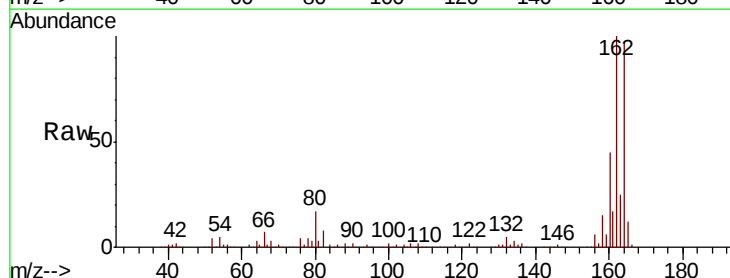
Ion Ratio Lower Upper

165 100

63 2.1 27.9 41.9#

89 2.0 47.9 71.9#

182 0.0 2.2 3.4#

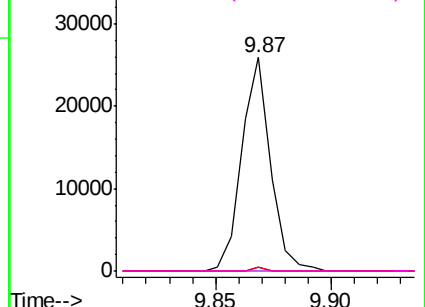
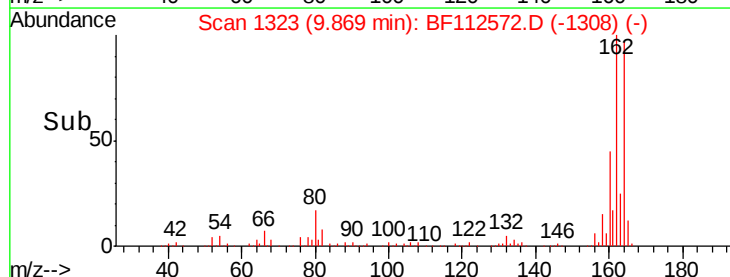


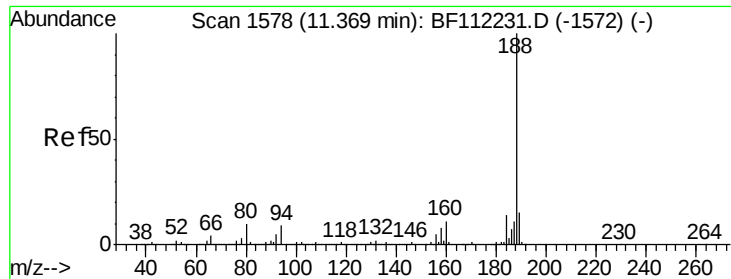
Abundance Ion 165.00 (164.70 to 165.70): E

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

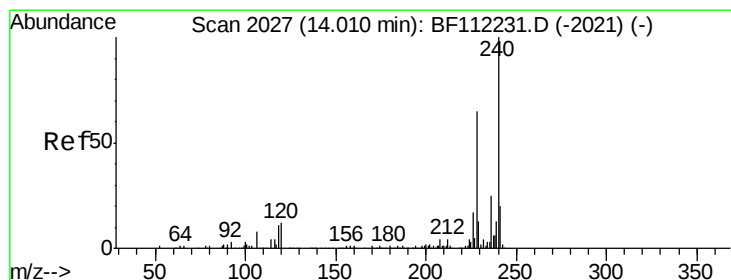
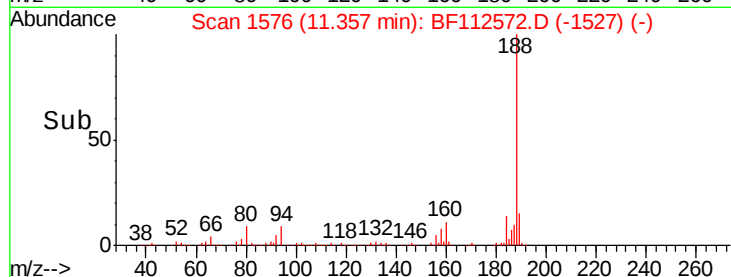
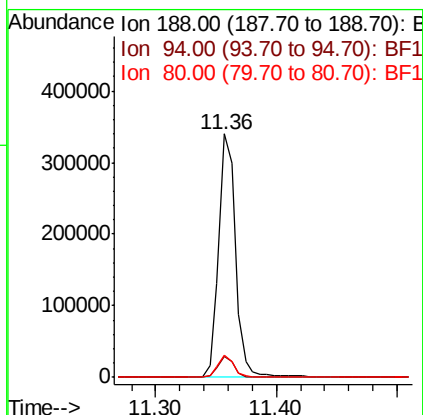
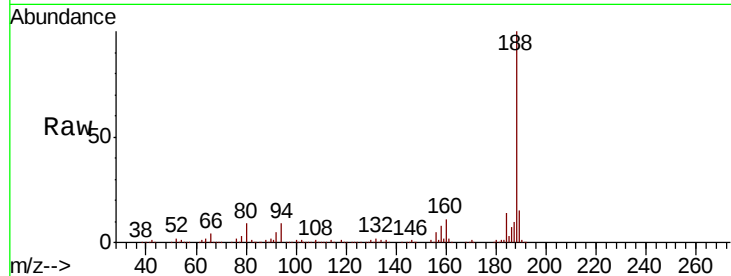




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

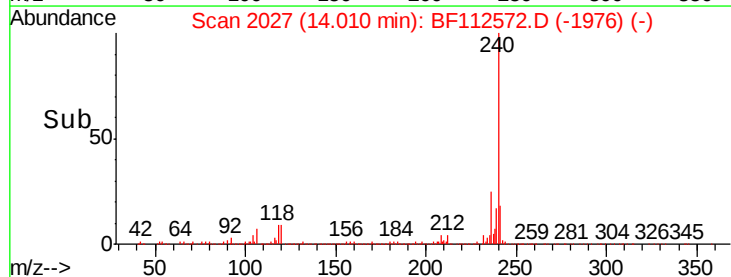
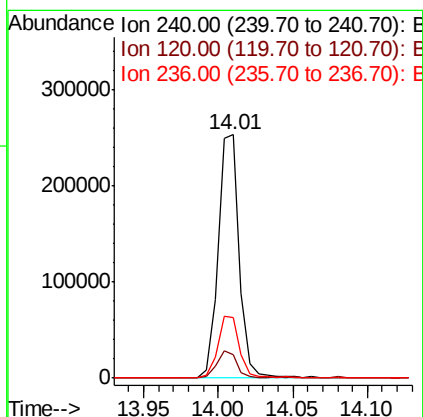
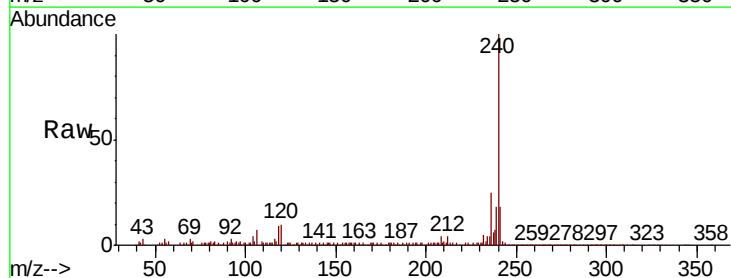
Instrument :
BNA_F
ClientSampleId :
SB-7

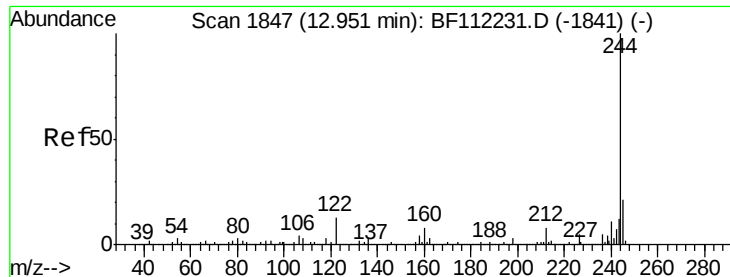
Tot Ion:188 Resp: 327213
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112572.D
Acq: 14 Feb 2019 17:14

Tgt Ion:240 Resp: 249396
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 25.263 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112572.D

Acq: 14 Feb 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SB-7

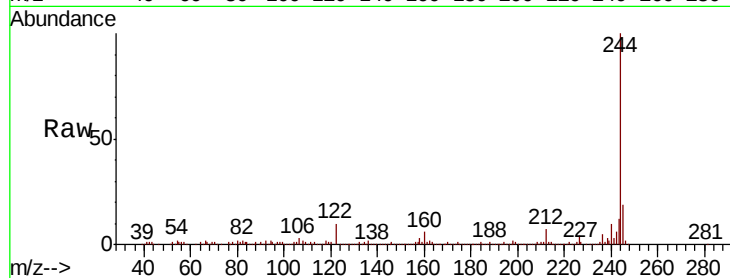
Tot Ion:244 Resp: 334523

Ion Ratio Lower Upper

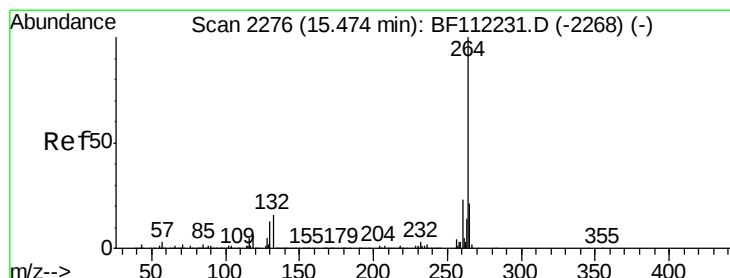
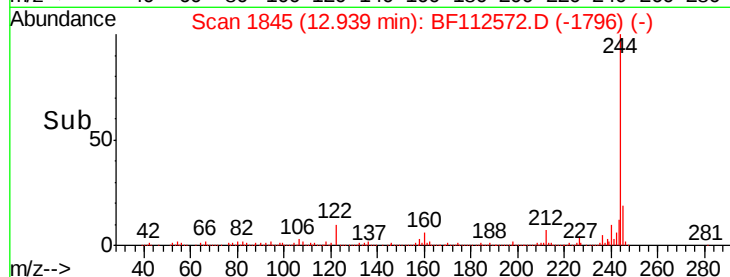
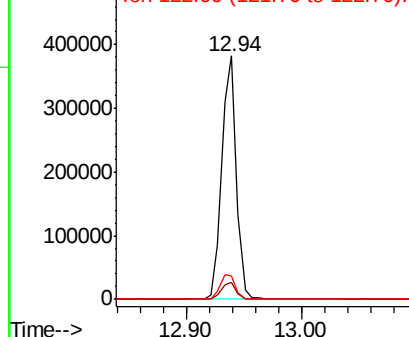
244 100

212 6.9 5.9 8.9

122 9.5 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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112572.D

Acq: 14 Feb 2019 17:14

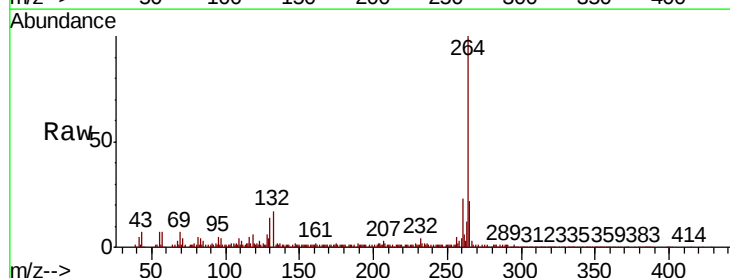
Tgt Ion:264 Resp: 195046

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.7 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

