

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111172.D
 Acq On : 7 Dec 2018 7:43
 Operator : JU/SJ
 Sample : J6168-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 09:38:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	411758	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1478150	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	571882	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	882771	20.00	ng	0.00
76) Chrysene-d12	13.96	240	674844	20.00	ng	0.00
87) Perylene-d12	15.40	264	476009	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	3150368	119.39	ng	0.02
7) Phenol-d6	6.45	99	3898065	114.68	ng	0.01
23) Nitrobenzene-d5	7.37	82	2410313	96.54	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	587597	129.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3226404	108.39	ng	0.00
79) Terphenyl-d14	12.92	244	2498232	75.82	ng	0.01

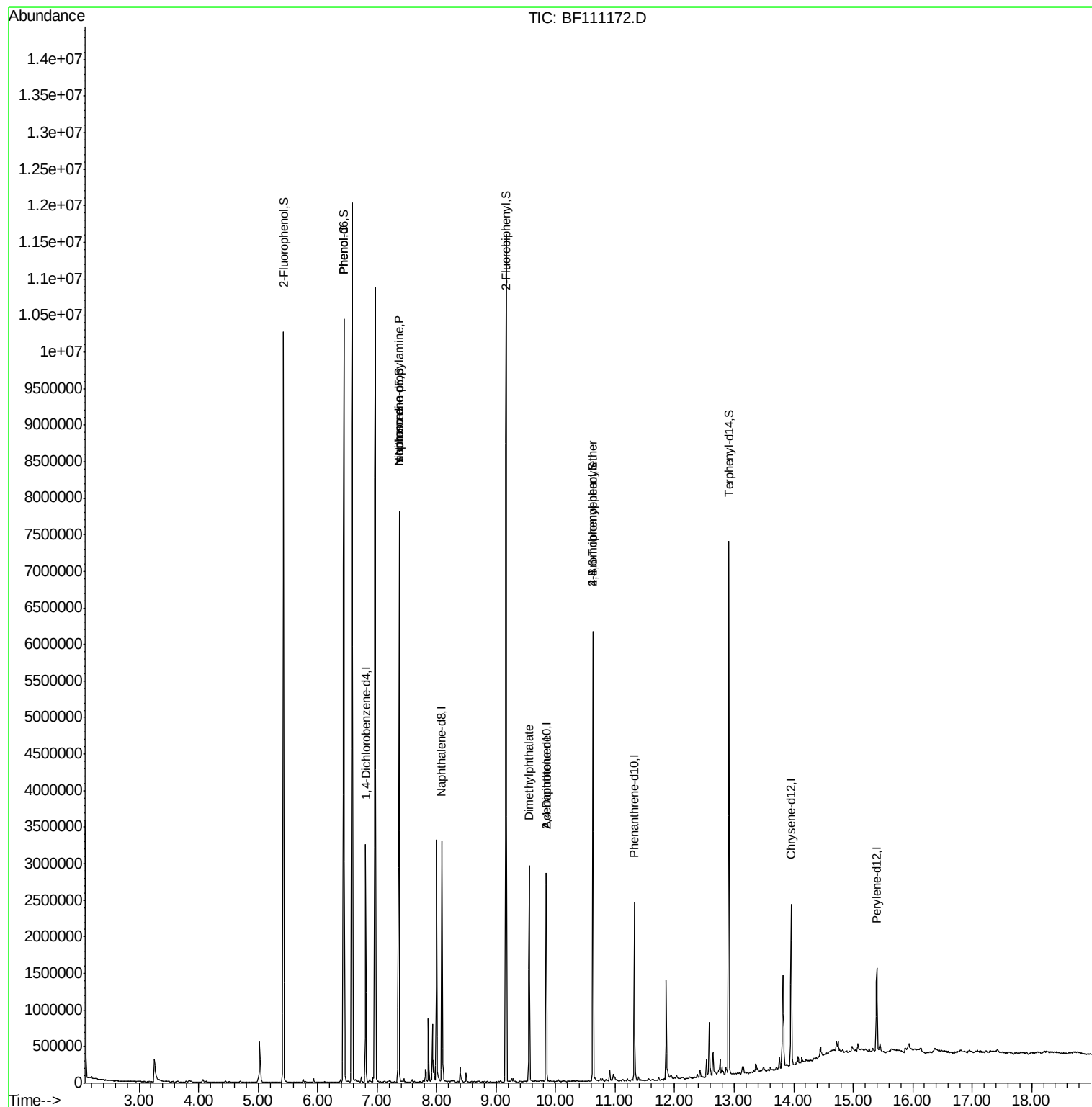
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	10093	Below Cal		# 1
10) Phenol	6.45	94	283848	7.659	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	325707	14.259	ng	# 75
25) Isophorone	7.37	82	2405341	52.495	ng	# 65
50) Dimethylphthalate	9.56	163	998920	25.098	ng	98
57) 2,4-Dinitrotoluene	9.84	165	74091	6.798	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	38975	4.171	ng	# 1

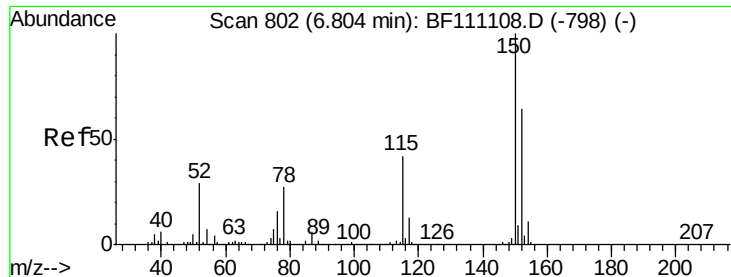
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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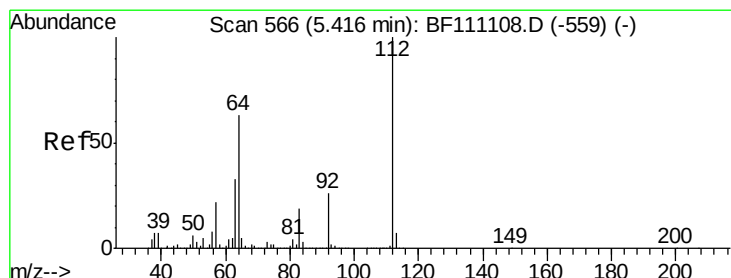
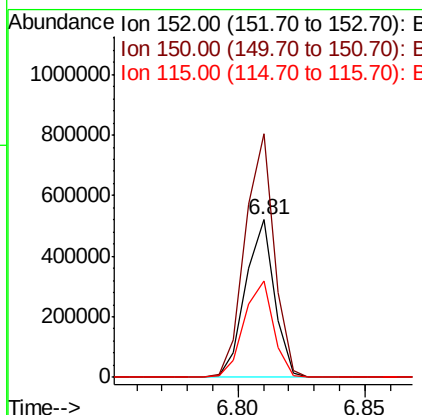
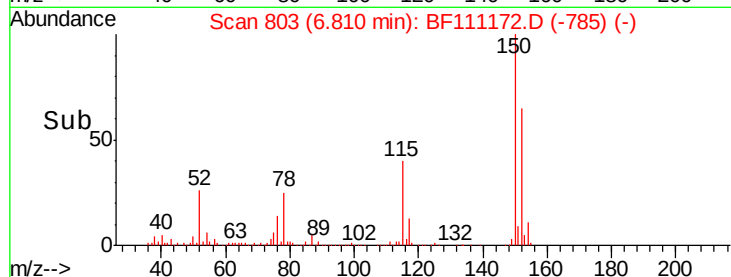
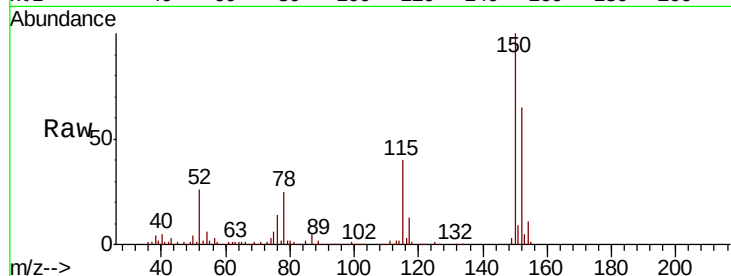


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Instrument :
BNA_F
ClientSampleId :

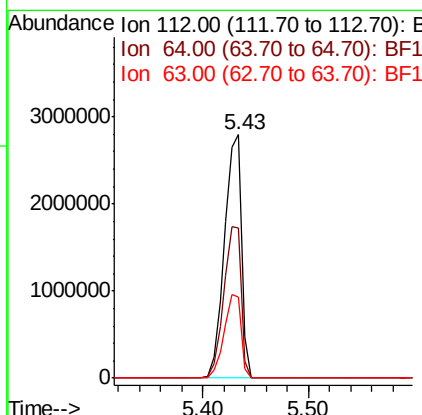
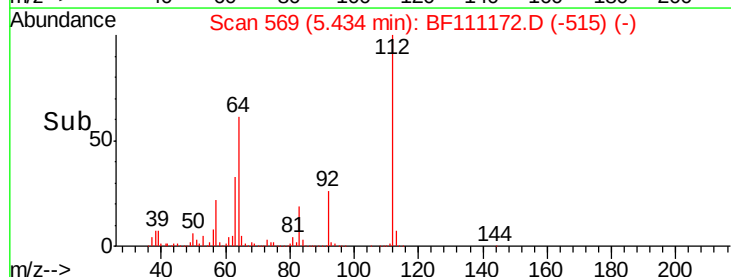
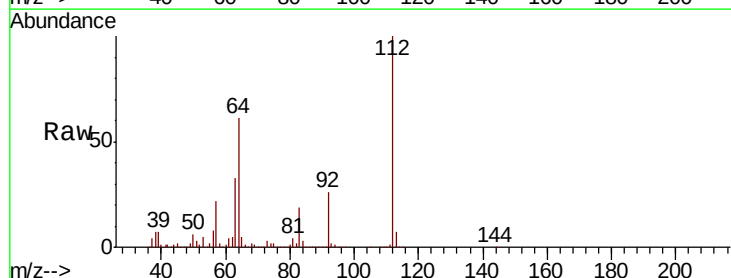
Tot Ion:152 Resp: 411758
Ion Ratio Lower Upper
152 100
150 154.8 124.6 187.0
115 61.4 52.2 78.2

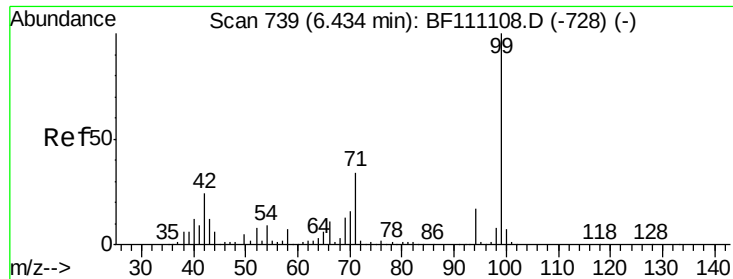


#5

2-Fluorophenol
Concen: 119.391 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Tgt Ion:112 Resp: 3150368
Ion Ratio Lower Upper
112 100
64 61.5 50.2 75.4
63 33.4 26.6 39.8





#7

Phenol-d6

Concen: 114.679 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

Instrument :

BNA_F

ClientSampleId :

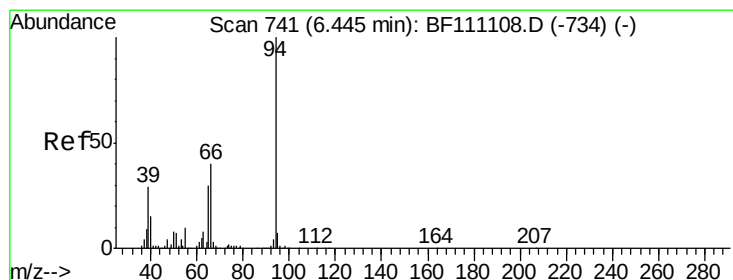
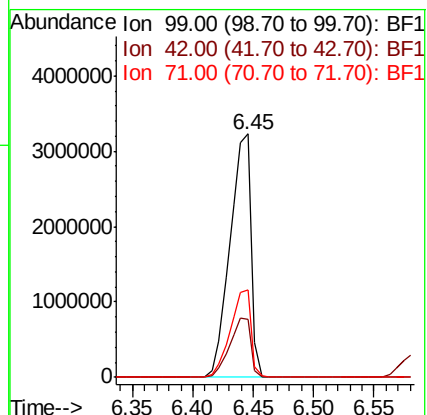
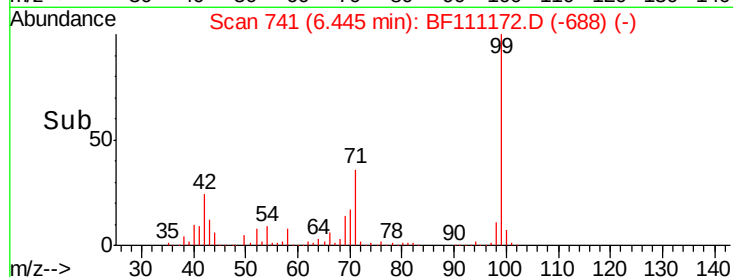
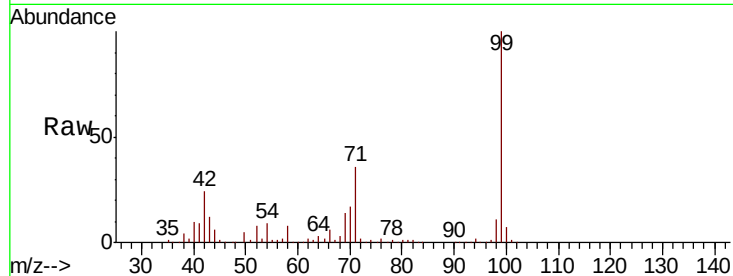
Tot Ion: 99 Resp: 3898065

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

71 35.7 27.4 41.2



#10

Phenol

Concen: 7.659 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

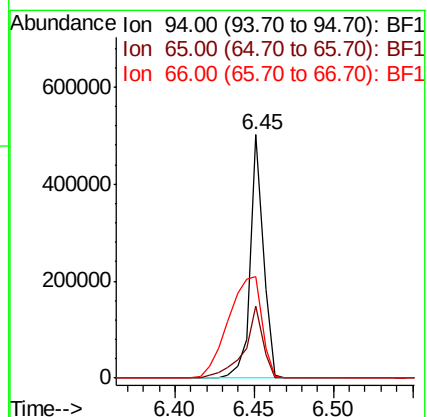
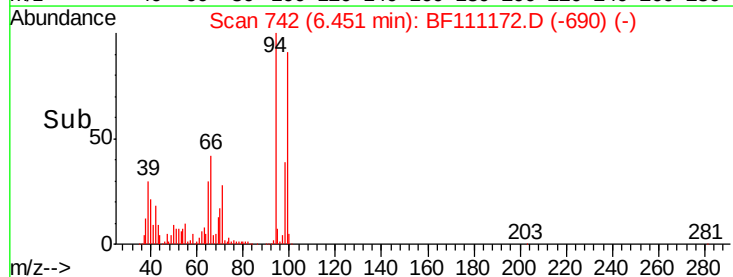
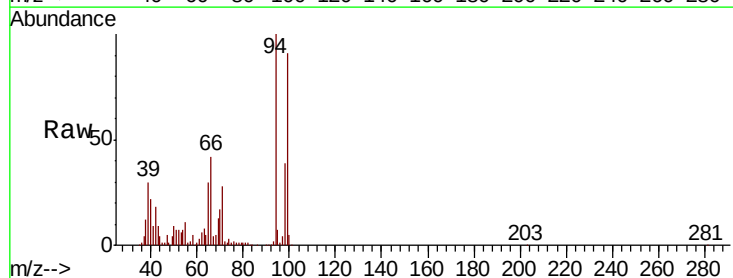
Tgt Ion: 94 Resp: 283848

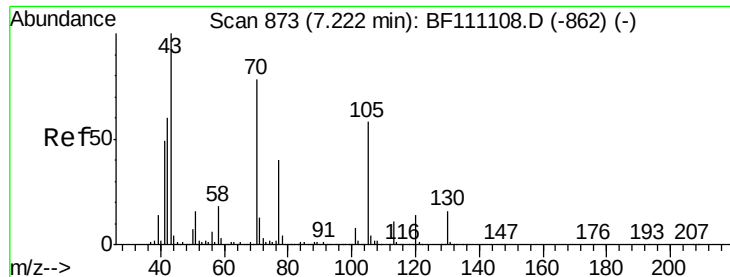
Ion Ratio Lower Upper

94 100

65 29.8 10.5 50.5

66 41.7 19.8 59.8

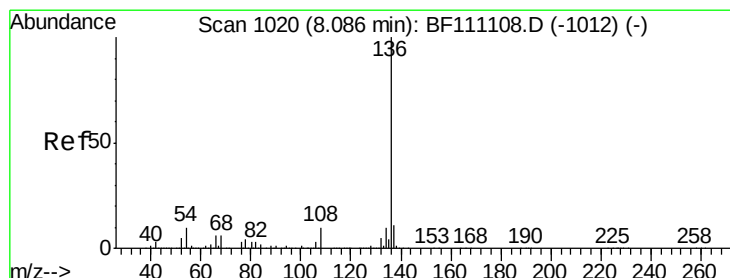
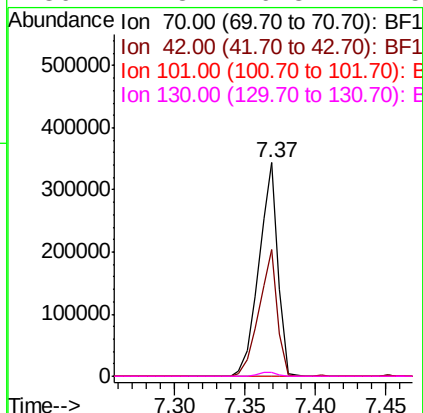
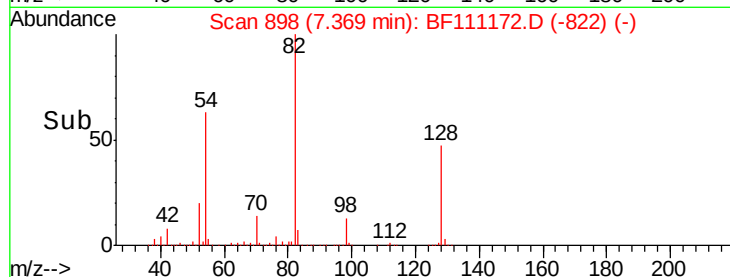
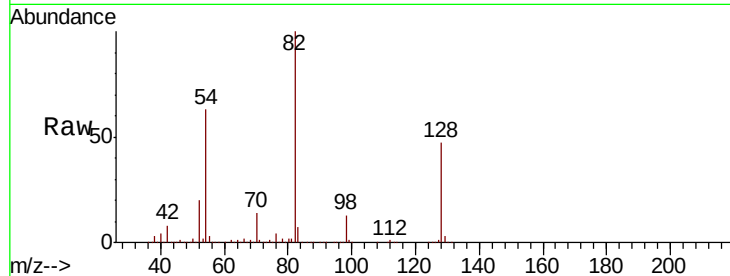




#19
n-Nitroso-di-n-propylamine
Concen: 14.259 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

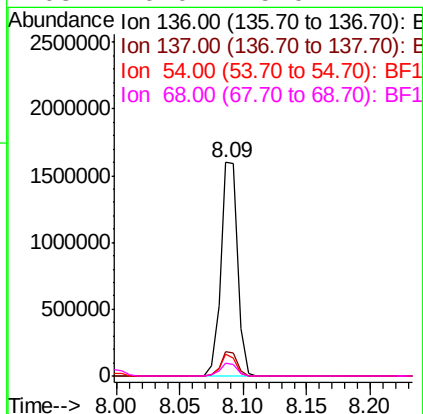
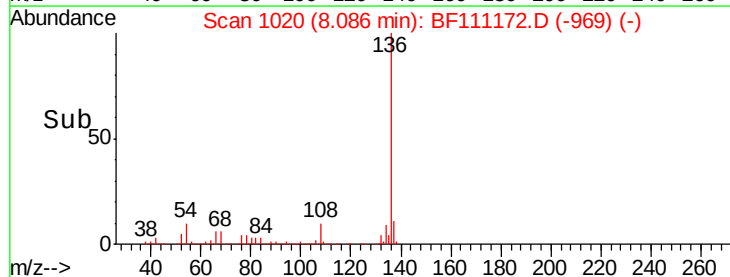
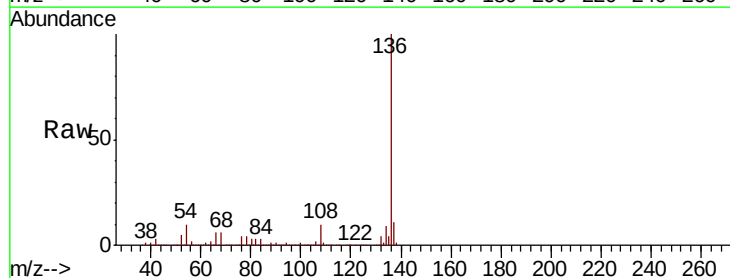
Instrument :
BNA_F
ClientSampleId :

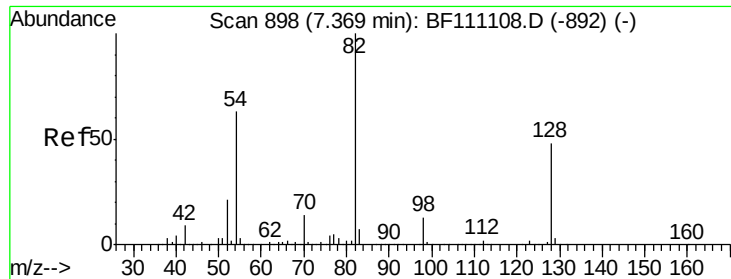
Tot Ion: 70 Resp: 325707
Ion Ratio Lower Upper
70 100
42 59.1 61.3 91.9#
101 0.0 7.7 11.5#
130 1.8 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Tgt Ion: 136 Resp: 1478150
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.3 8.4 12.6
68 6.0 5.0 7.4

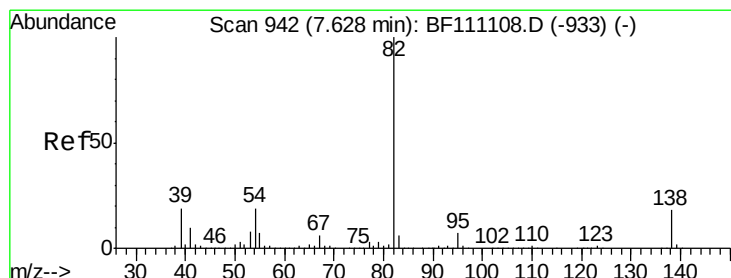
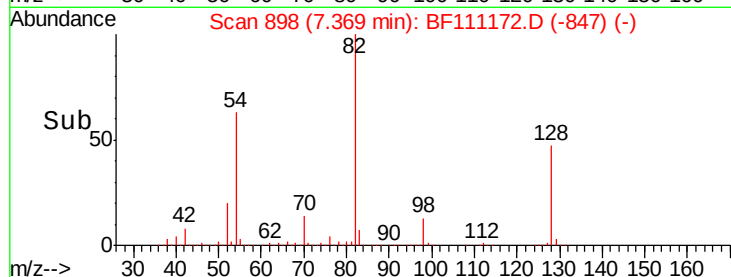
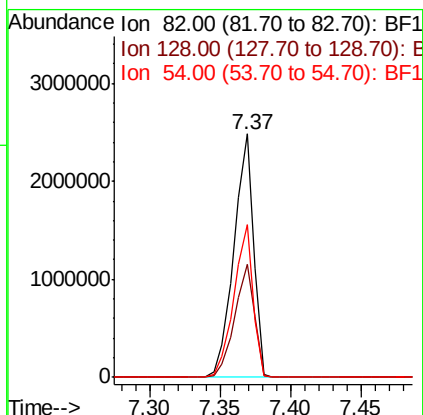
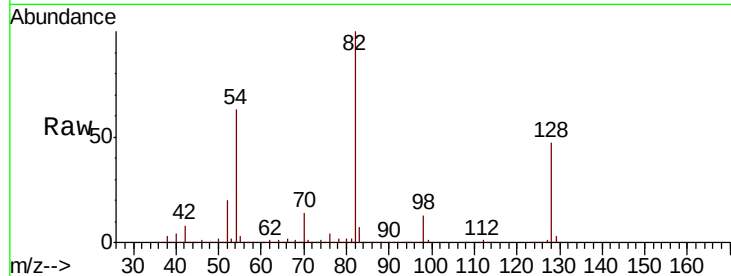




#23
 Nitrobenzene-d5
 Concen: 96.539 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

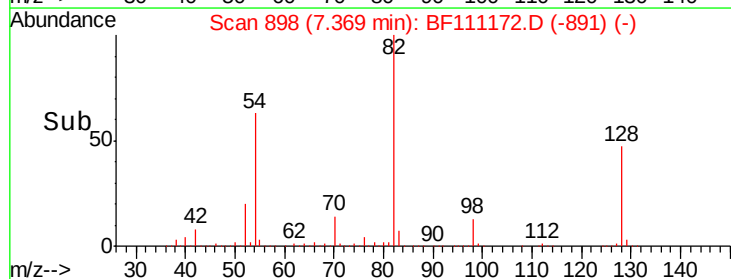
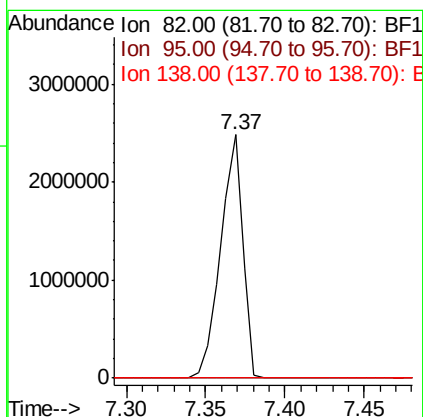
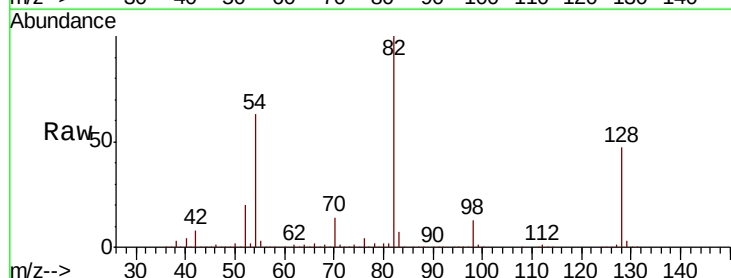
Instrument :
 BNA_F
 ClientSampleId :

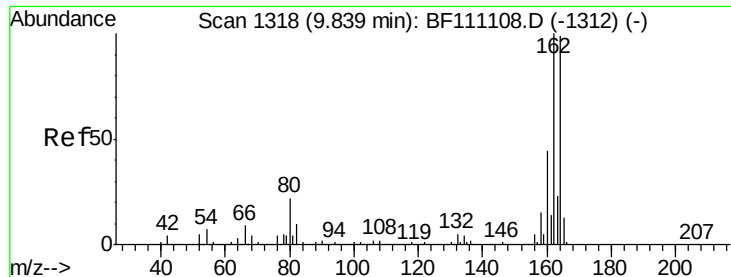
Tot Ion: 82 Resp: 2410313
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.1 57.1
 54 62.7 50.3 75.5



#25
 Isophorone
 Concen: 52.495 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Tgt Ion: 82 Resp: 2405341
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

Instrument :

BNA_F

ClientSampleId :

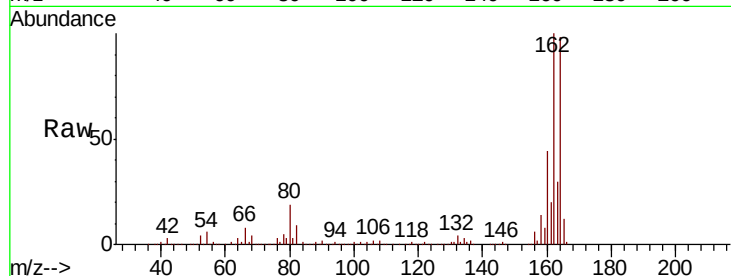
Tot Ion:164 Resp: 571882

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

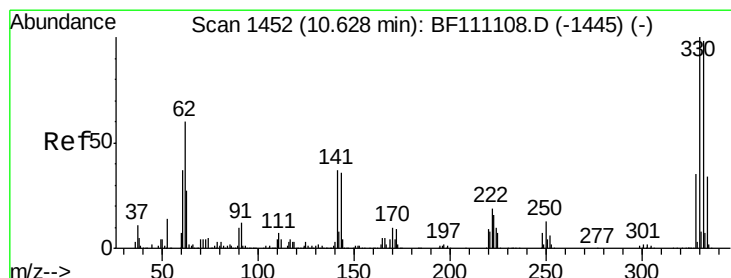
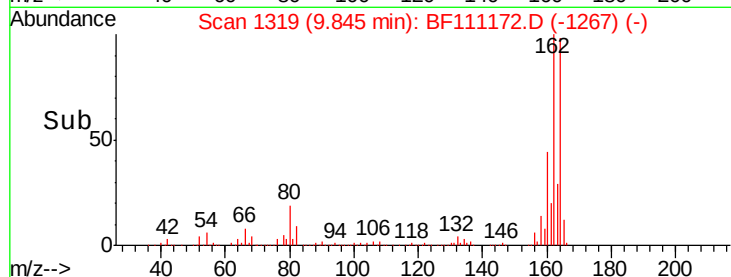
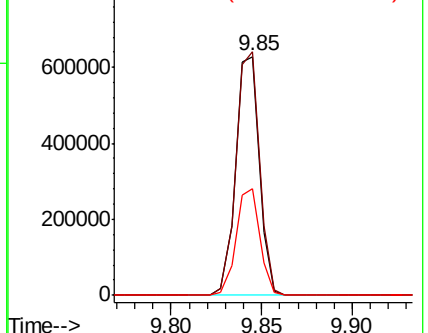
160 44.9 35.5 53.3



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: 129.261 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111172.D

Acq: 7 Dec 2018 7:43

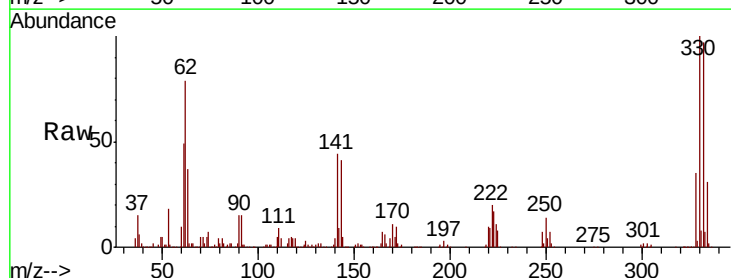
Tgt Ion:330 Resp: 587597

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

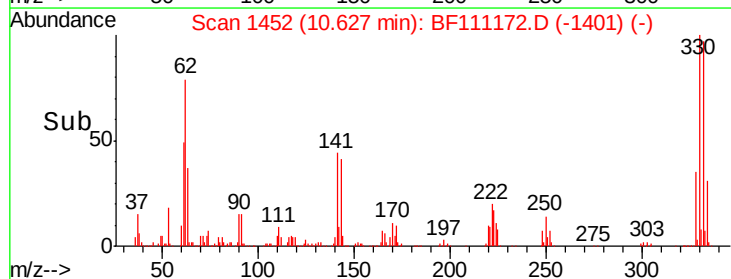
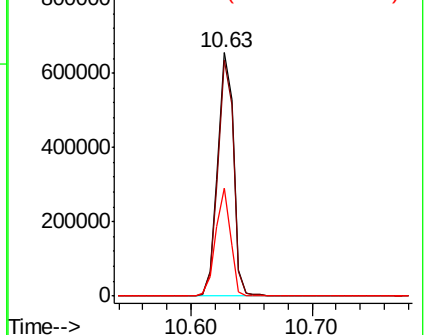
141 41.4 36.1 54.1

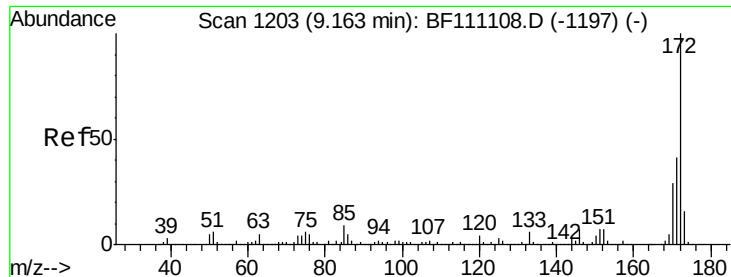


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

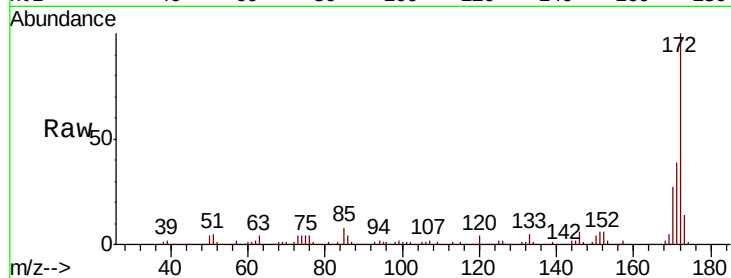




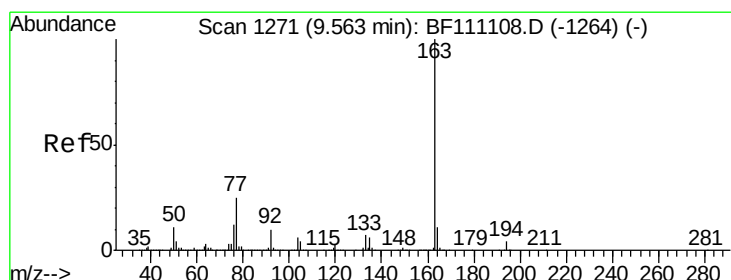
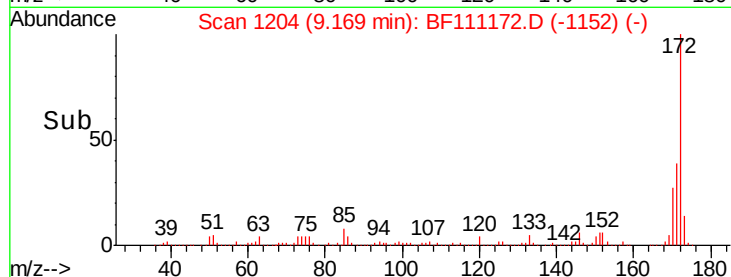
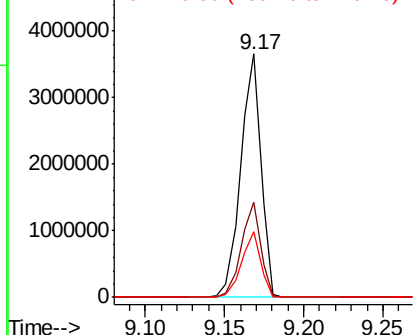
#45
2-Fluorobiphenyl
Concen: 108.387 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3226404
Ion Ratio Lower Upper
172 100
171 39.3 33.2 49.8
170 26.9 22.9 34.3

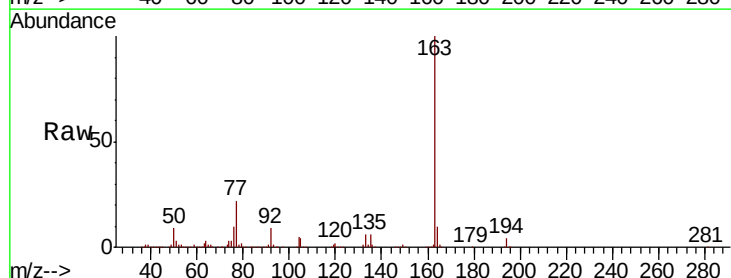


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

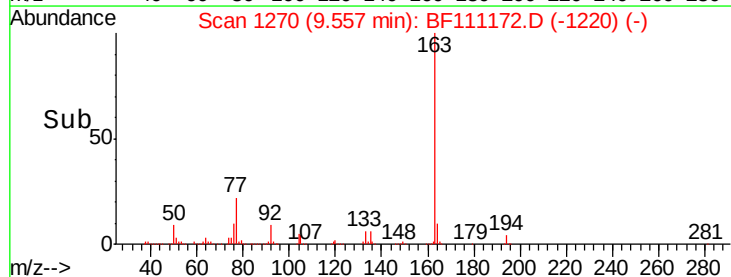
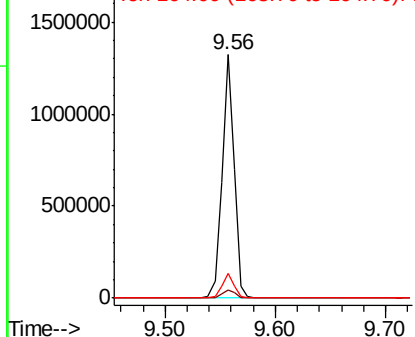


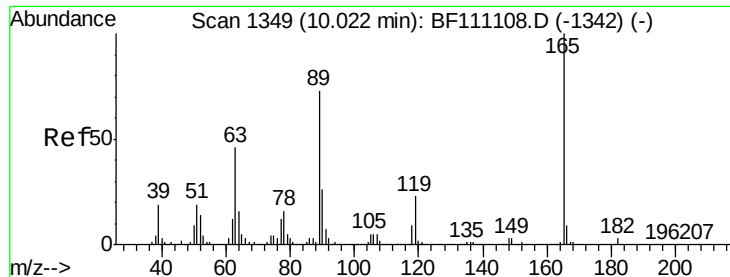
#50
Dimethylphthalate
Concen: 25.098 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111172.D
Acq: 7 Dec 2018 7:43

Tgt Ion:163 Resp: 998920
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.9 13.3



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

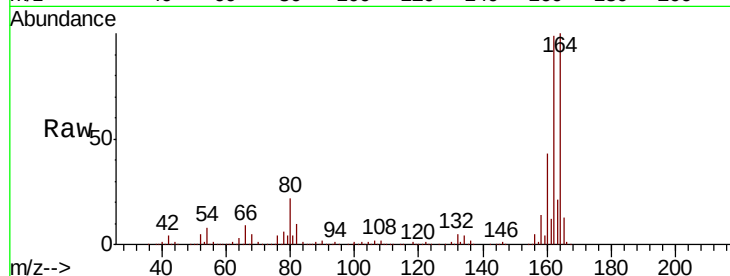




#57
 2,4-Dinitrotoluene
 Concen: 6.798 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	0.9	58.4	87.6#
182	0.0	2.1	3.1#



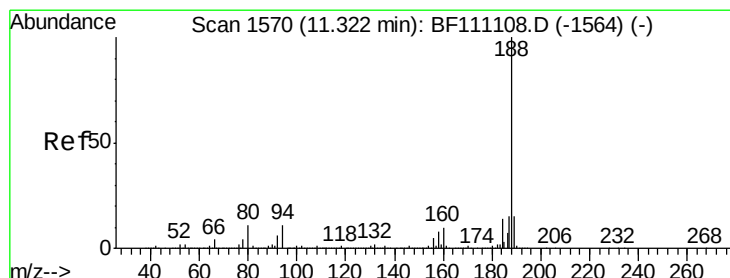
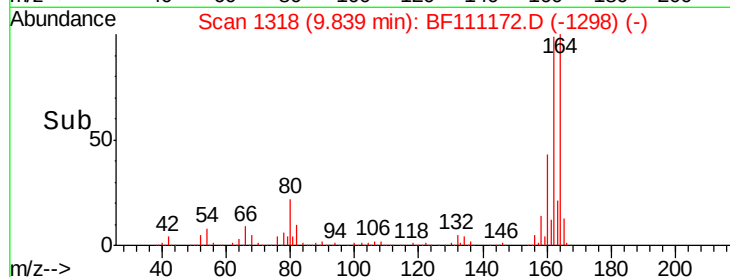
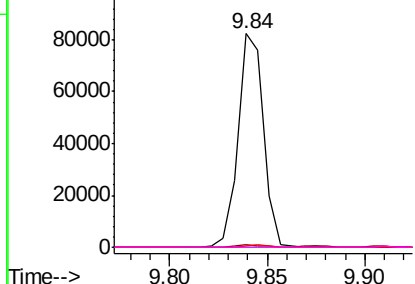
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

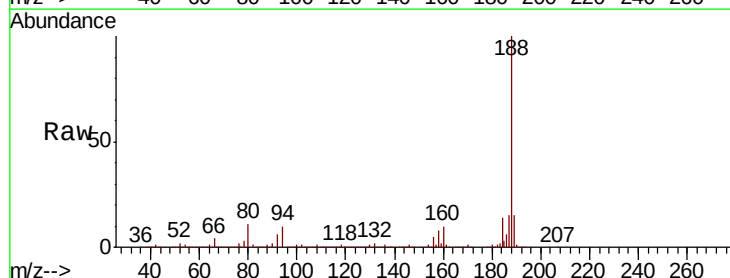
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.0	13.6

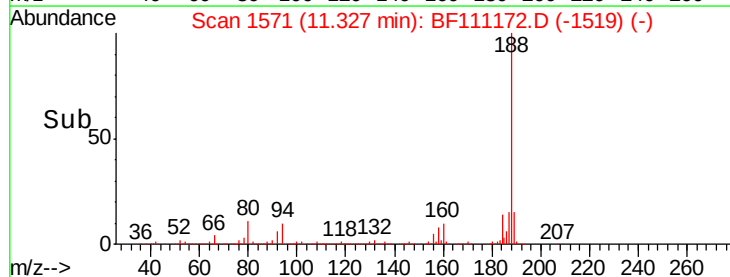
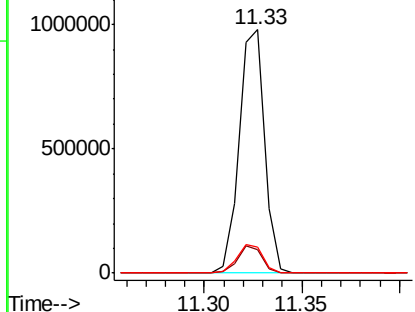


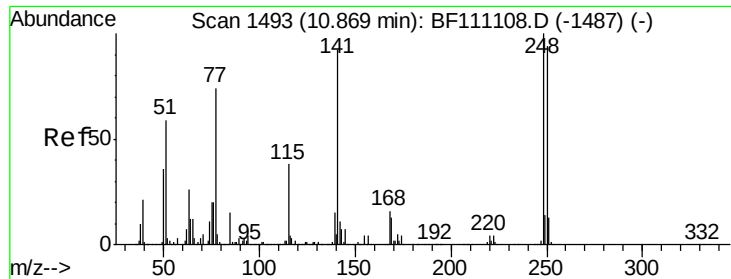
Abundance

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

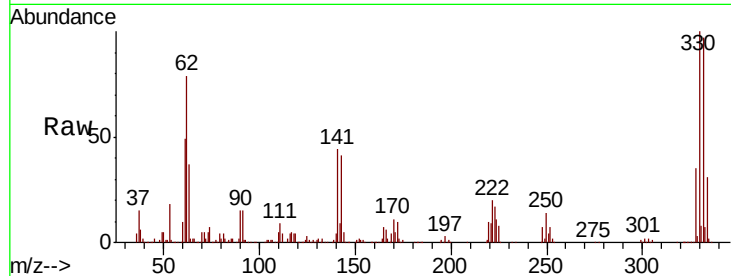




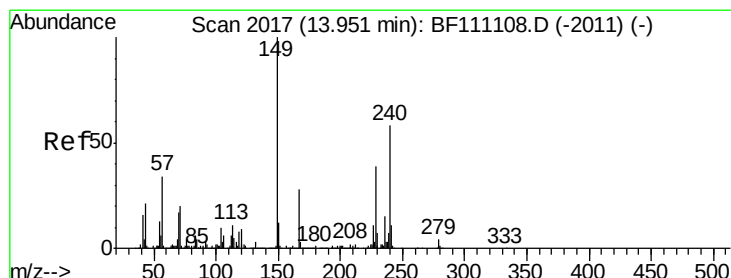
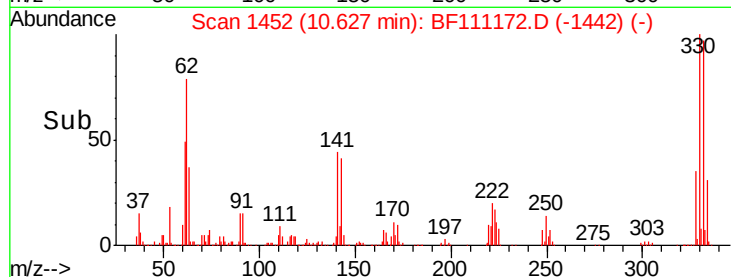
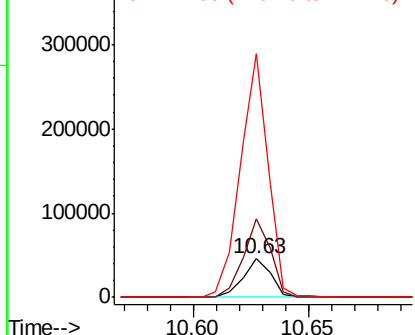
#67
 4-Bromophenyl-phenylether
 Concen: 4.171 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 38975
 Ion Ratio Lower Upper
 248 100
 250 203.9 75.4 113.0#
 141 629.2 73.8 110.6#

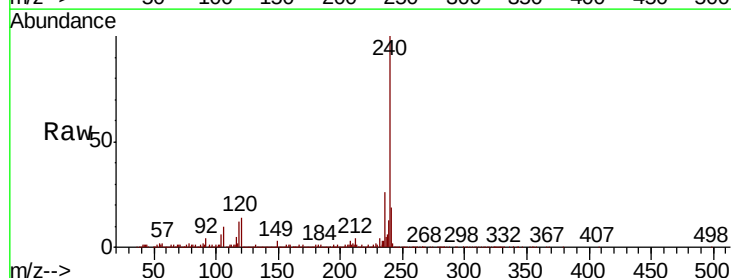


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

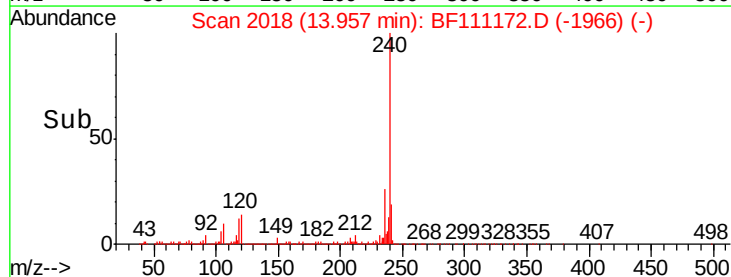
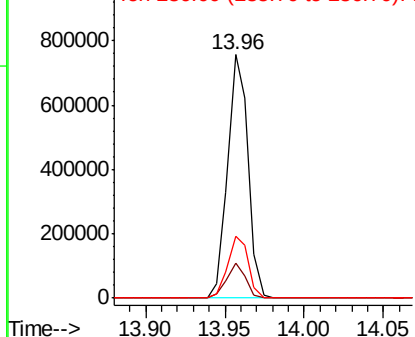


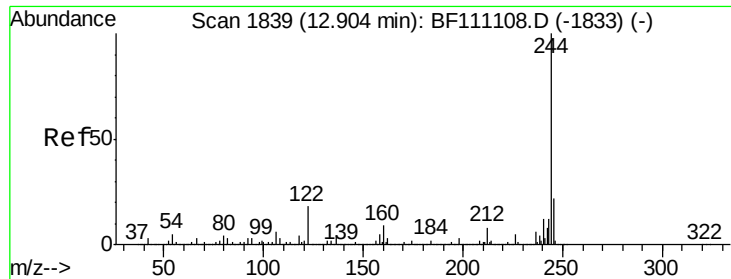
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Tgt Ion:240 Resp: 674844
 Ion Ratio Lower Upper
 240 100
 120 14.3 12.8 19.2
 236 25.7 21.1 31.7



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

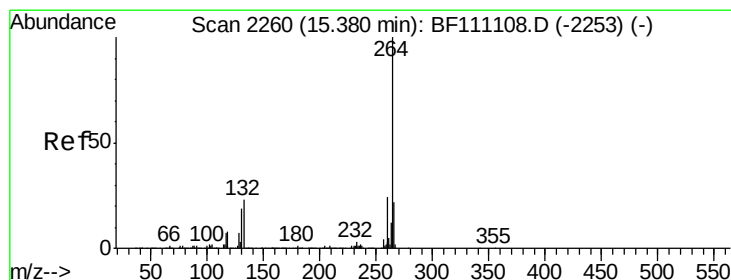
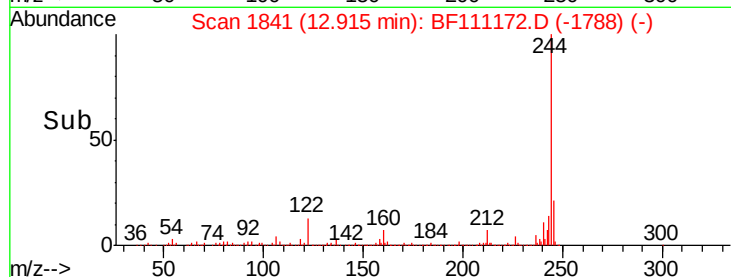
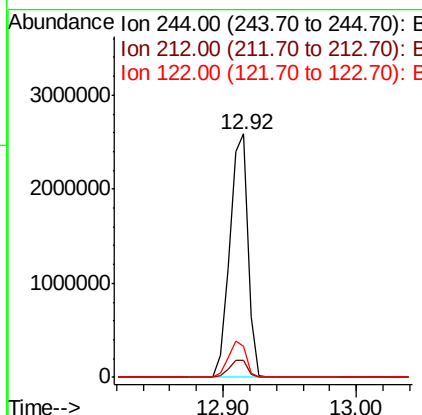
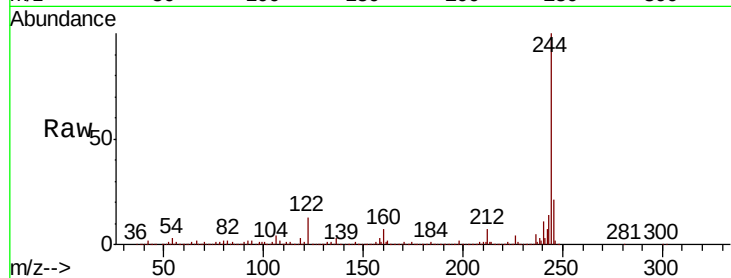




#79
 Terphenyl-d14
 Concen: 75.815 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2498232
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 9.8
 122 12.7 14.2 21.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111172.D
 Acq: 7 Dec 2018 7:43

Tgt Ion:264 Resp: 476009
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 22.3 17.4 26.0

