

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104533.D
 Acq On : 16 Apr 2018 14:45
 Operator : JU/SJ
 Sample : J2362-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 16:00:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

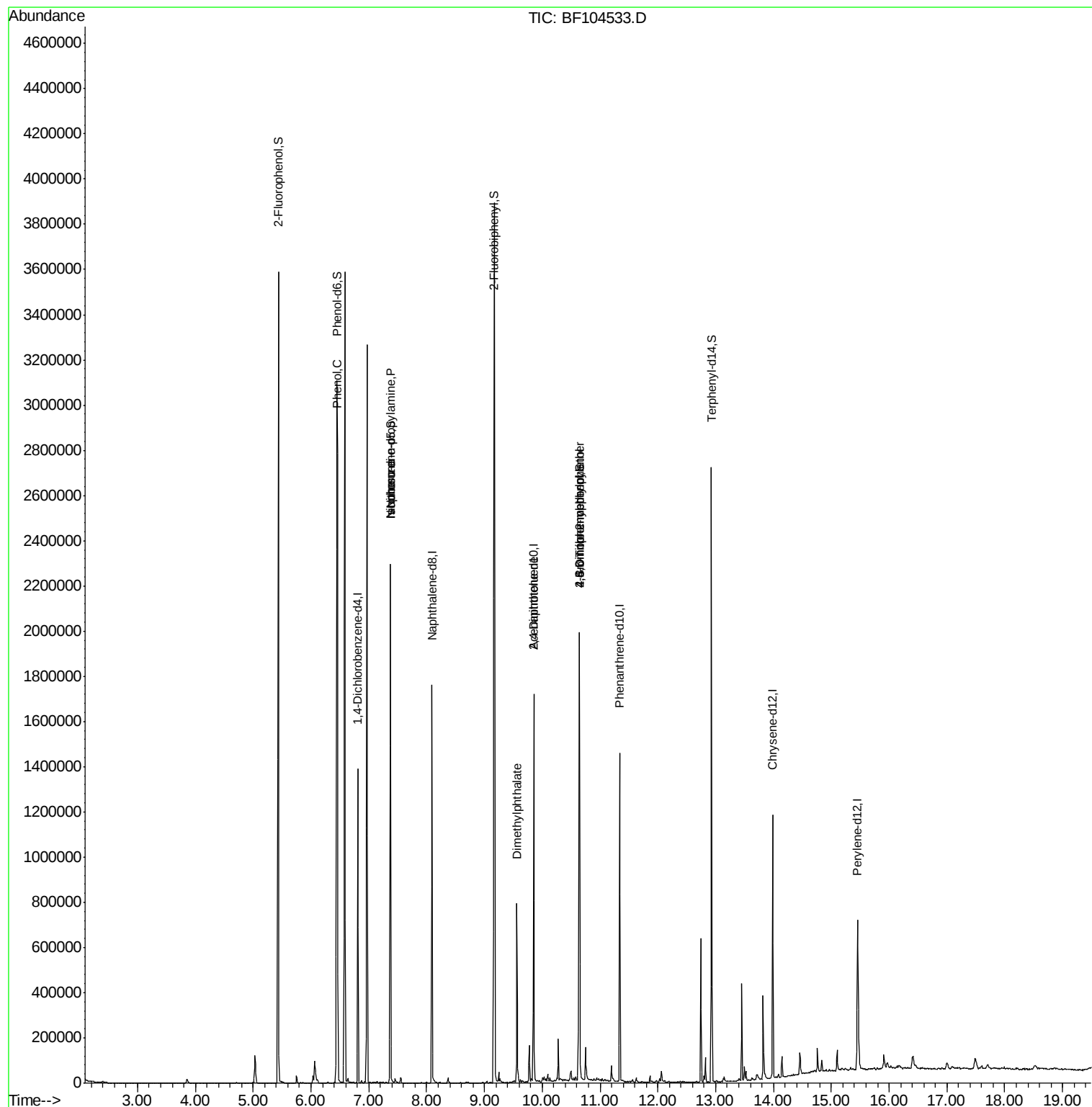
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	182304	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	731583	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	315544	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	480537	20.00	ng	0.00
75) Chrysene-d12	13.99	240	354384	20.00	ng	0.00
86) Perylene-d12	15.46	264	299668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1130799	94.84	ng	0.01
7) Phenol-d6	6.45	99	1388502	94.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	865874	77.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	272400	83.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1339107	67.04	ng	0.00
78) Terphenyl-d14	12.93	244	969438	62.37	ng	0.00
Target Compounds						
10) Phenol	6.46	94	59990	3.860	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	112003	11.700	ng	# 74
25) Isophorone	7.37	82	865868	36.547	ng	# 64
49) Dimethylphthalate	9.56	163	288167	11.581	ng	100
56) 2,4-Dinitrotoluene	9.85	165	40533	6.711	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	423	7.500	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	16428	3.214	ng	# 1
76) Benzidine	12.93	184	12384	Below Cal	#	96

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

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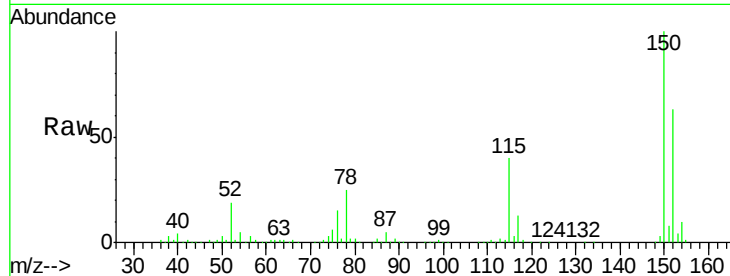


#1

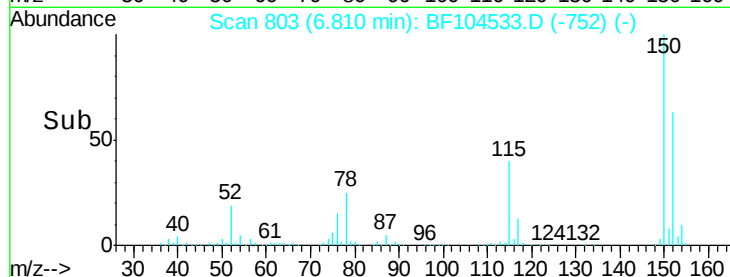
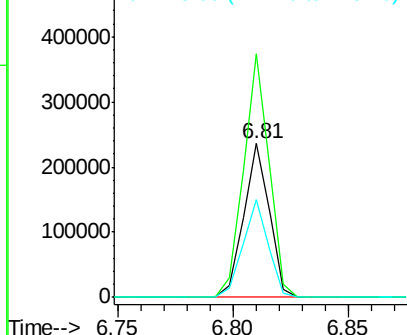
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 182304
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 63.5 50.1 75.1



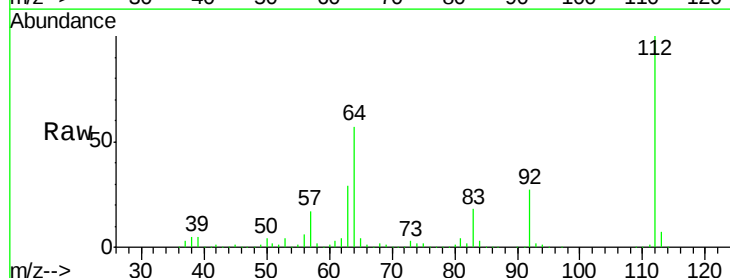
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



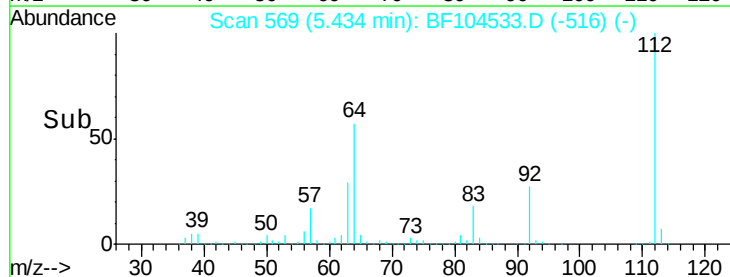
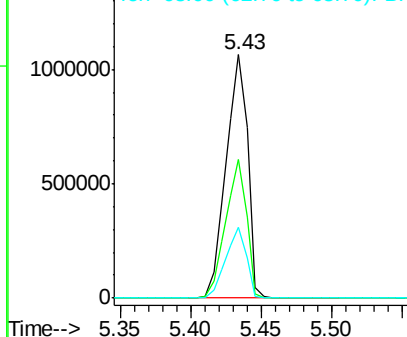
#5

2-Fluorophenol
 Concen: 94.845 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Tgt Ion:112 Resp: 1130799
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 29.0 23.7 35.5



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: 94.784 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Instrument :

BNA_F

ClientSampled :

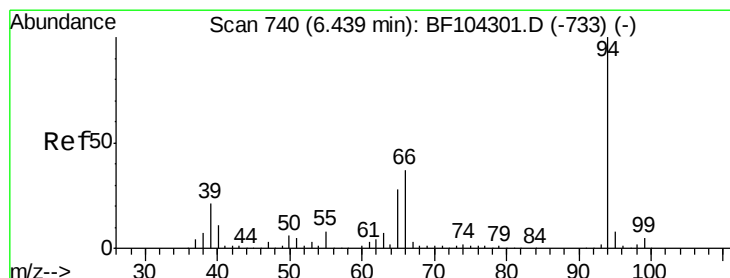
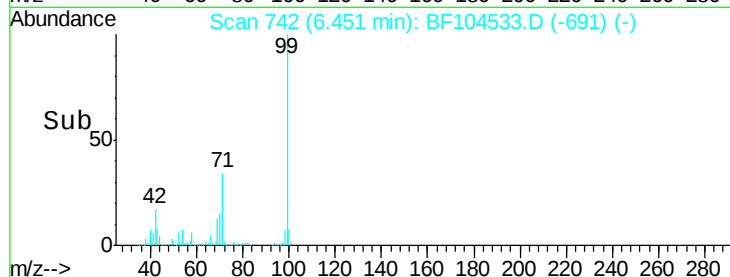
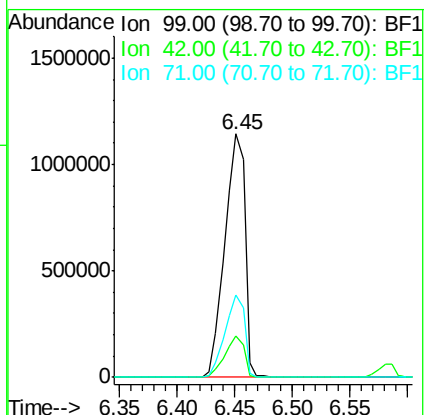
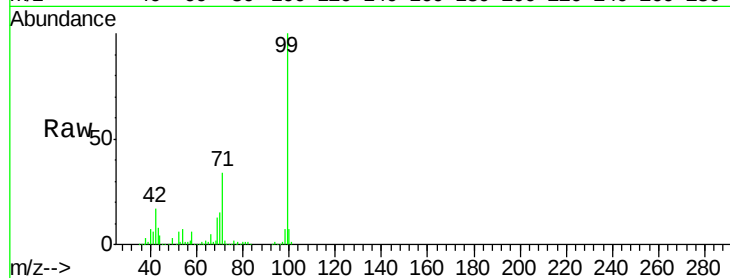
Tot Ion: 99 Resp: 1388502

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 3.860 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

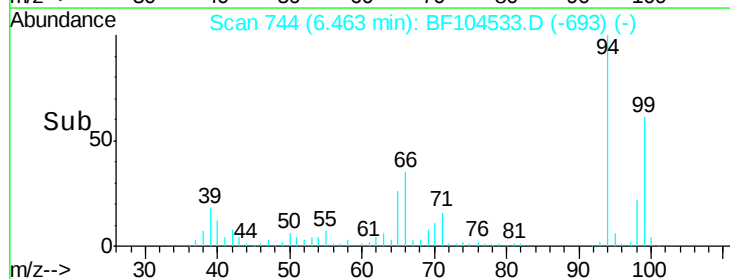
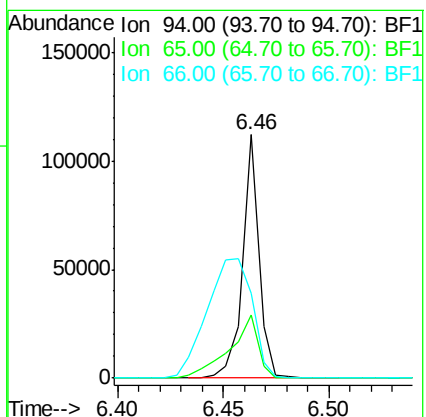
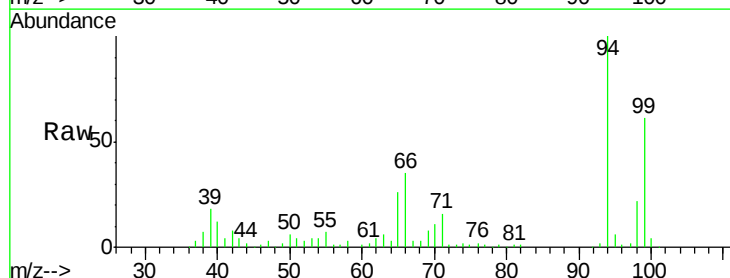
Tgt Ion: 94 Resp: 59990

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 34.7 16.2 56.2

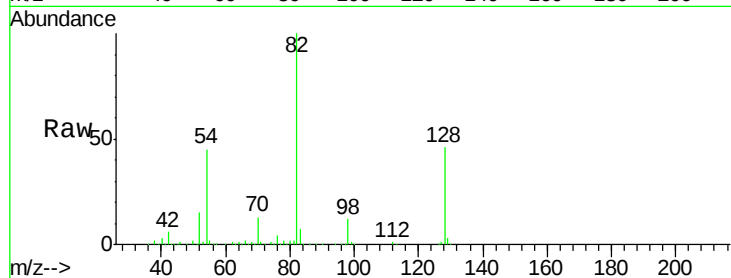




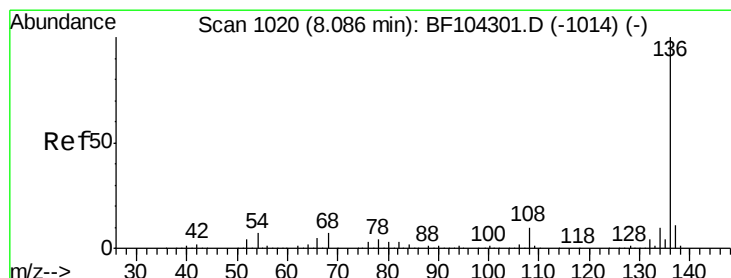
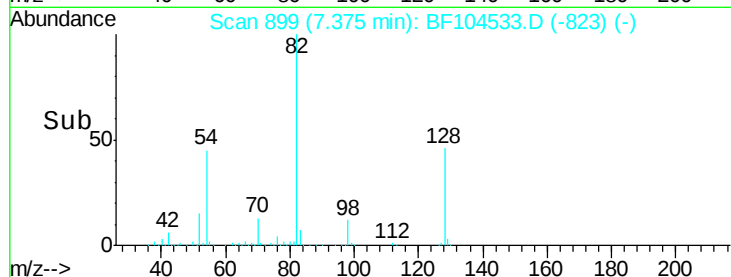
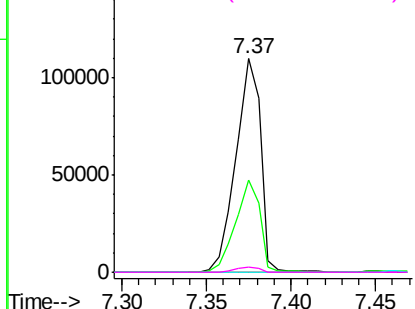
#19
n-Nitroso-di-n-propylamine
Concen: 11.700 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 112003
Ion Ratio Lower Upper
70 100
42 43.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

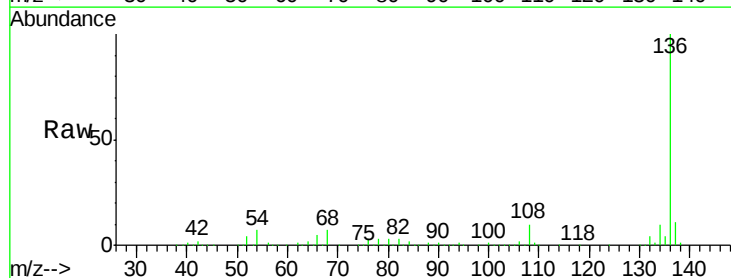


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

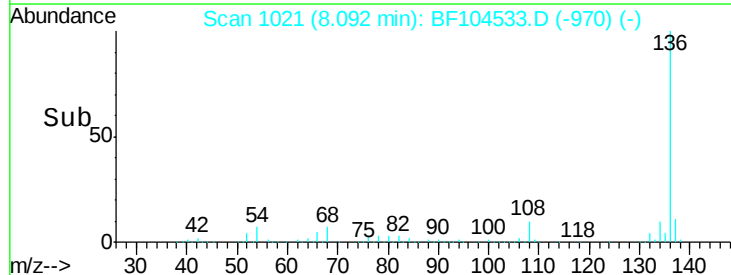
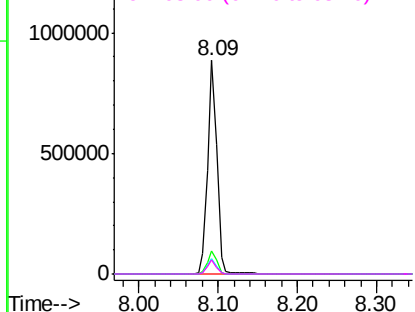


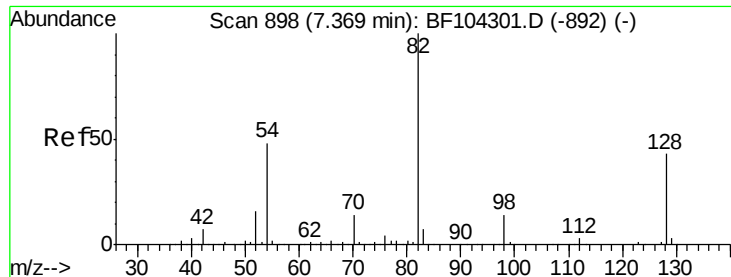
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Tgt Ion:136 Resp: 731583
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.6 9.8
68 6.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

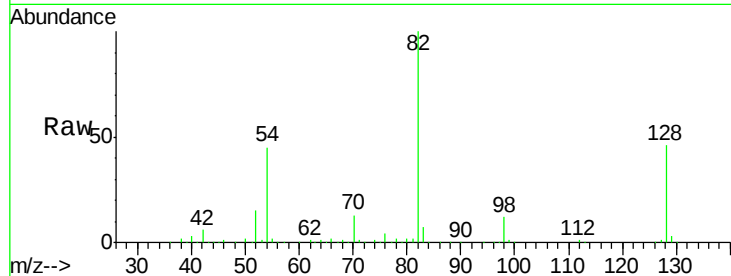




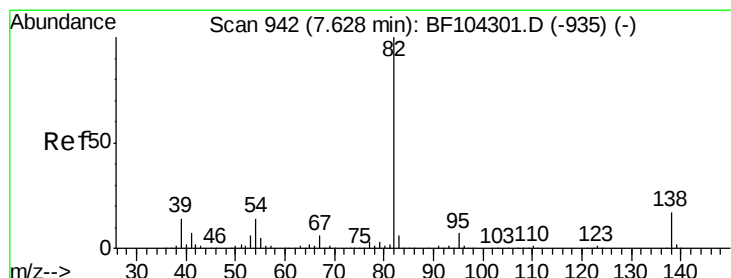
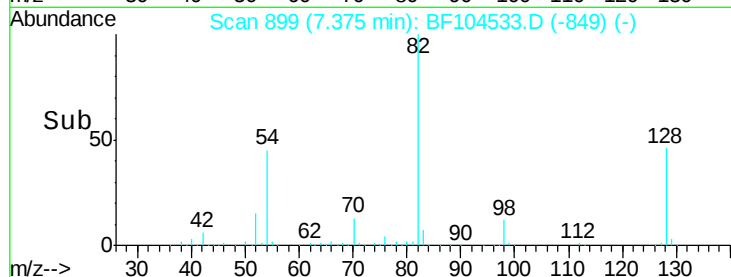
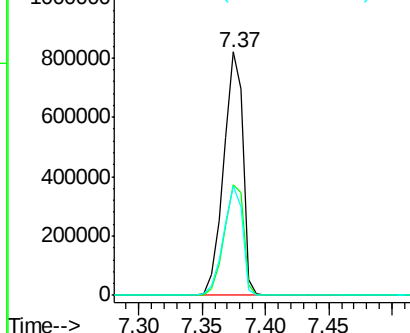
#23
 Nitrobenzene-d5
 Concen: 77.284 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 865874
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 44.8 41.4 62.2

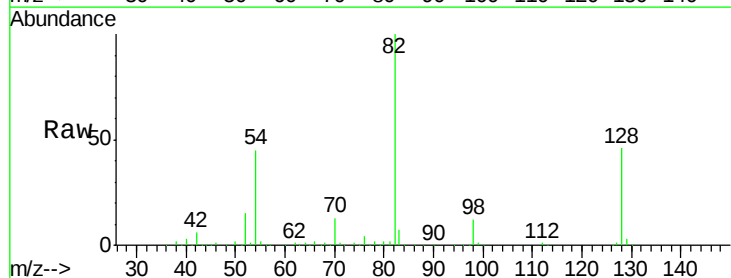


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

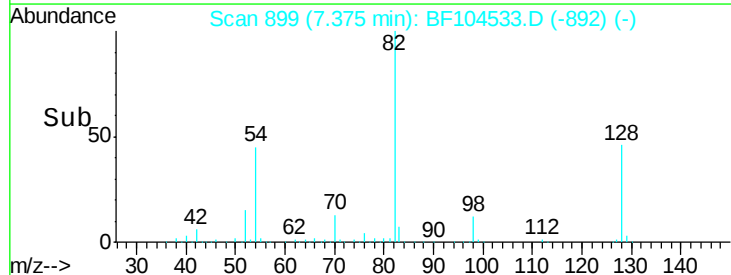
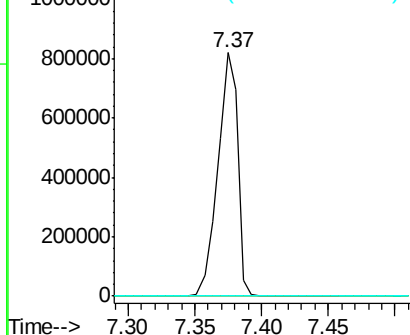


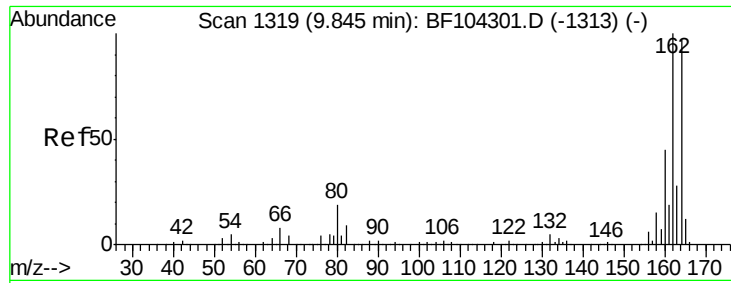
#25
 Isophorone
 Concen: 36.547 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Tgt Ion: 82 Resp: 865868
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



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

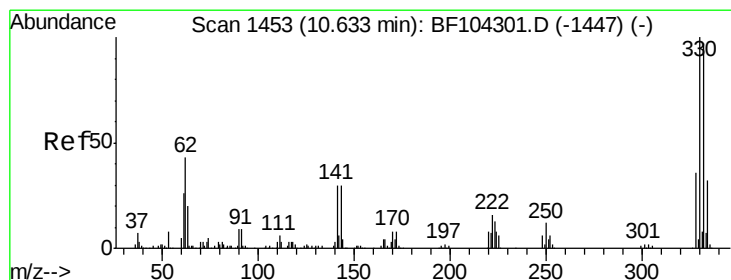
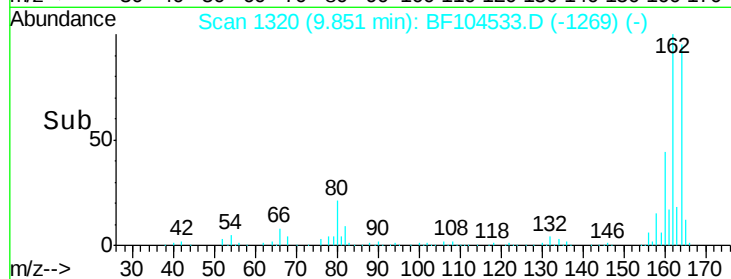
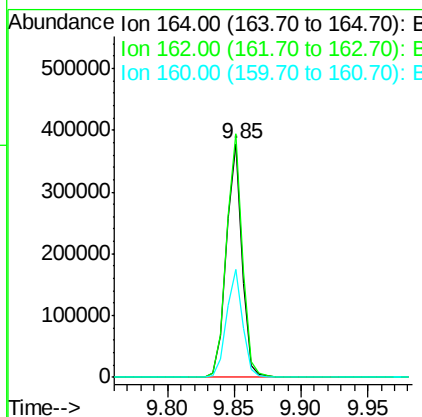
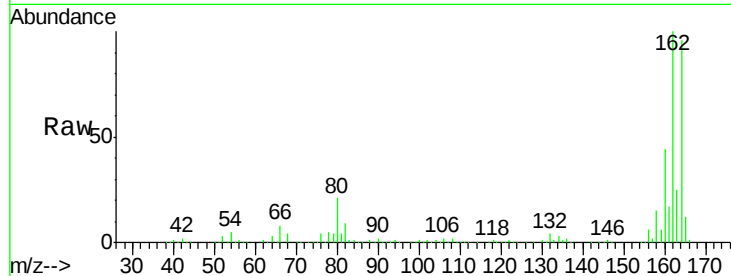




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

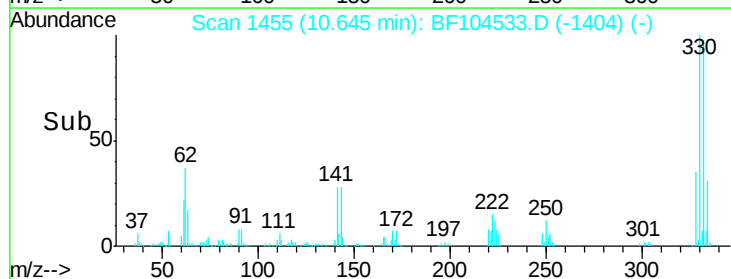
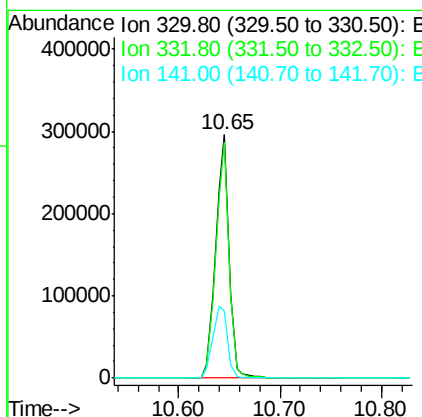
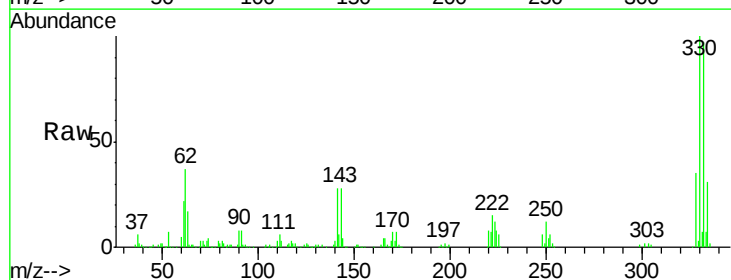
Instrument :
 BNA_F
 ClientSampleId :

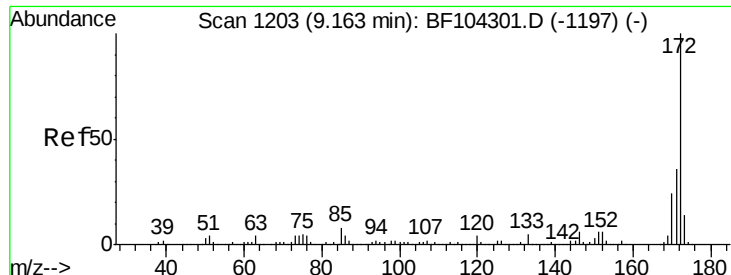
Tot Ion:164 Resp: 315544
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.221 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Tgt Ion:330 Resp: 272400
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.1 29.9 44.9

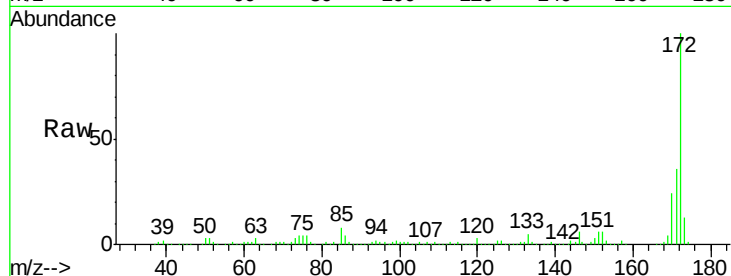




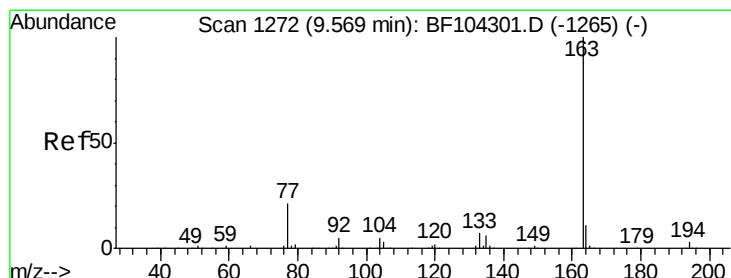
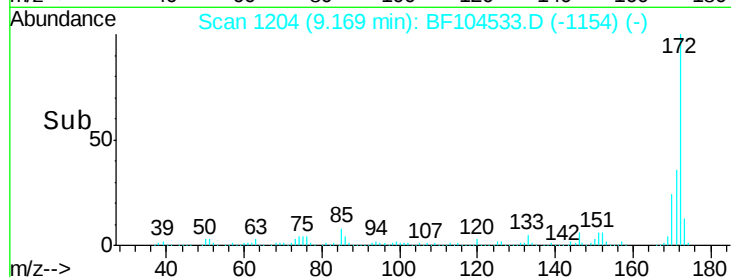
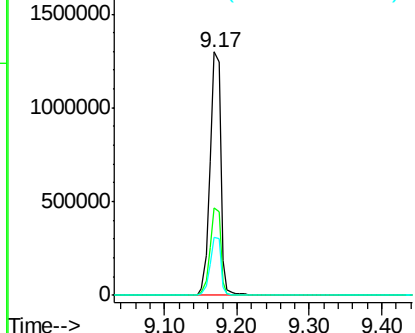
#44
2-Fluorobiphenyl
Concen: 67.042 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1339107
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4

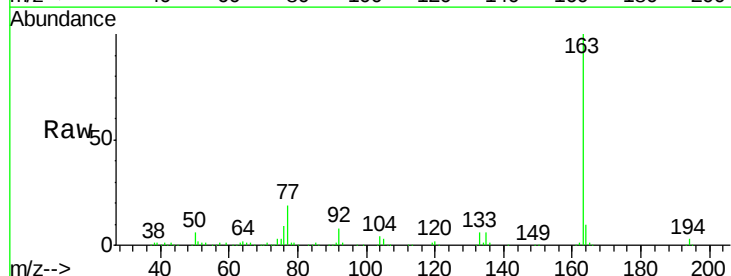


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

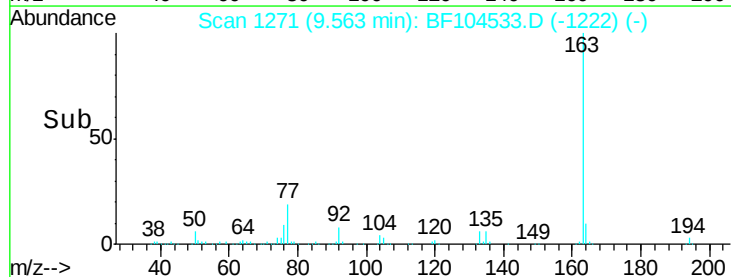
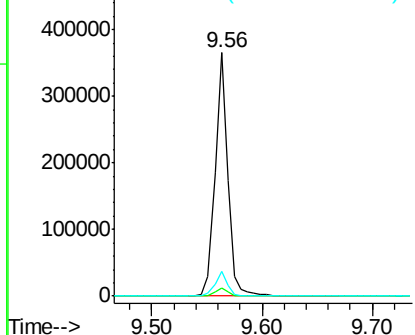


#49
Dimethylphthalate
Concen: 11.581 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104533.D
Acq: 16 Apr 2018 14:45

Tgt Ion:163 Resp: 288167
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2



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

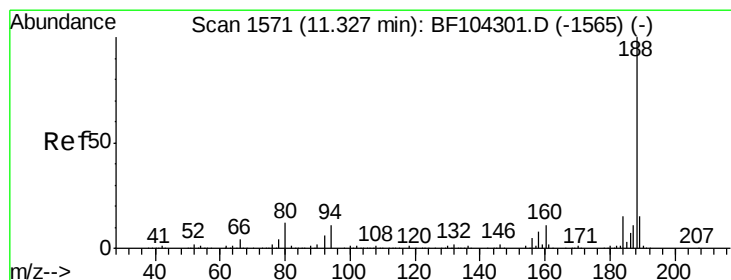
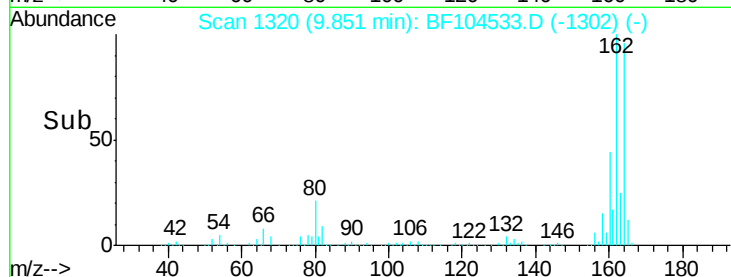
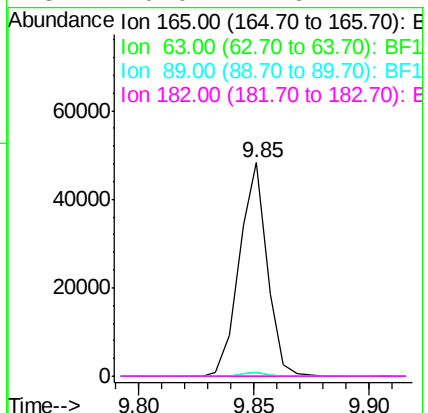
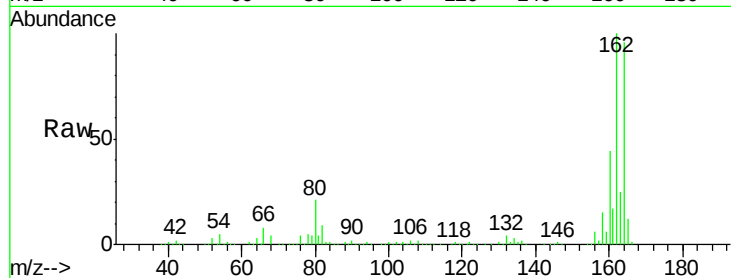




#56
 2,4-Dinitrotoluene
 Concen: 6.711 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

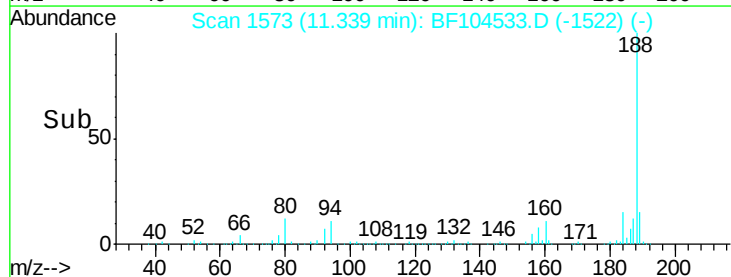
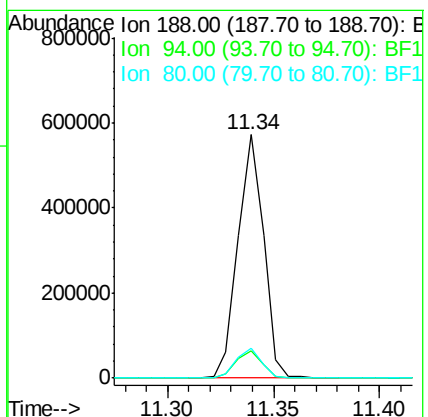
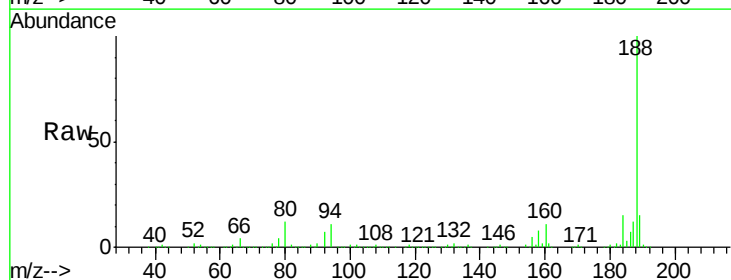
Instrument :
 BNA_F
 ClientSampleId :

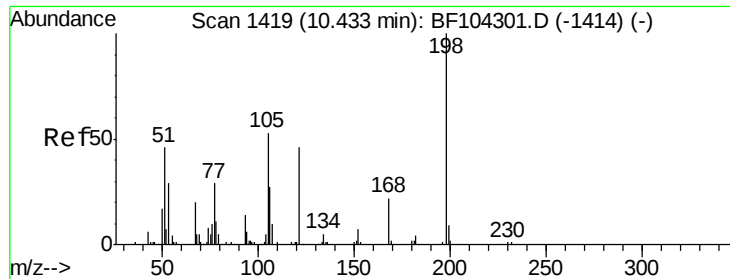
Tot Ion:165	Resp:	40533
Ion Ratio	Lower	Upper
165	100	
63	1.5	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Tgt Ion:188	Resp:	480537
Ion Ratio	Lower	Upper
188	100	
94	11.1	8.5 12.7
80	12.2	9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.500 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

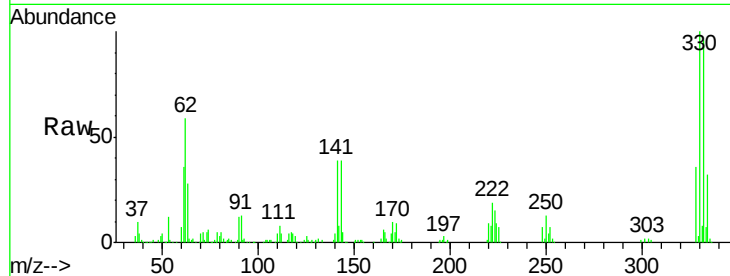
Tot Ion:198 Resp: 423

Ion Ratio Lower Upper

198 100

51 154.8 37.7 77.7#

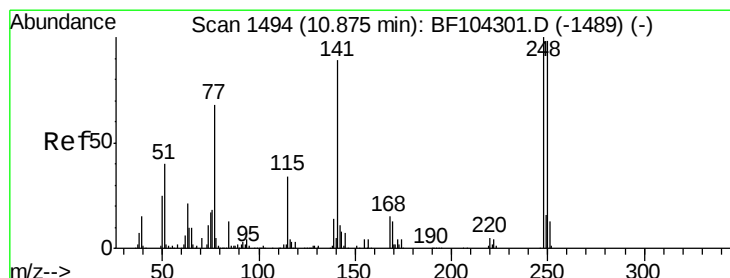
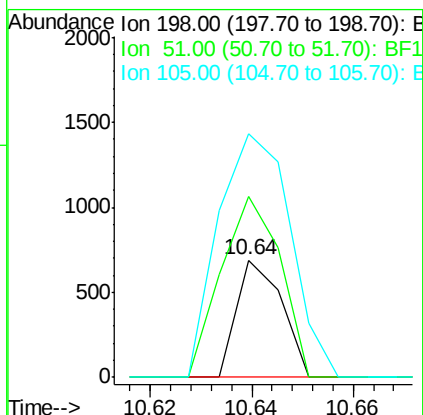
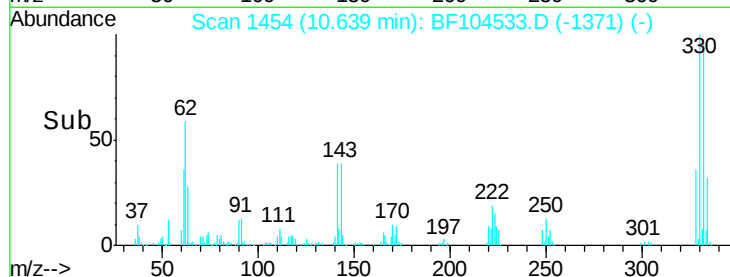
105 208.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.214 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.24 min

Lab File: BF104533.D

Acq: 16 Apr 2018 14:45

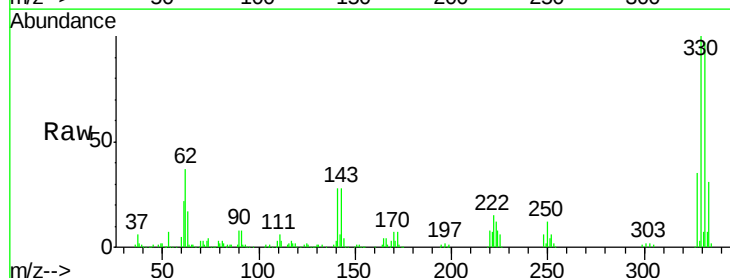
Tgt Ion:248 Resp: 16428

Ion Ratio Lower Upper

248 100

250 196.1 76.9 115.3#

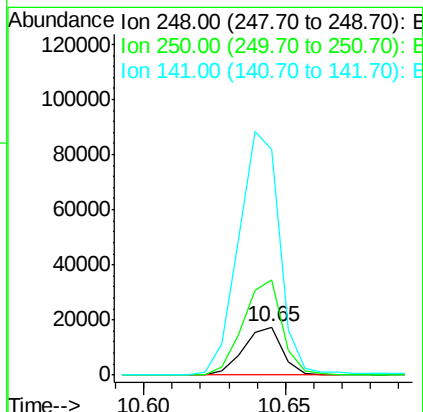
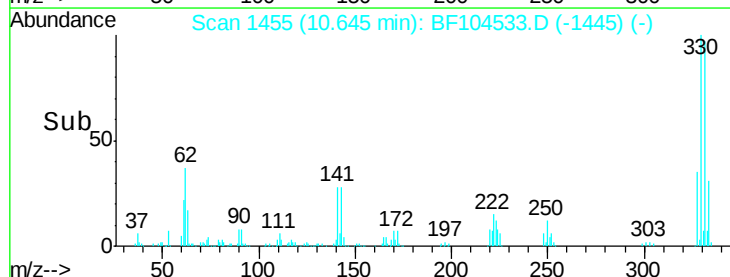
141 467.2 74.4 111.6#

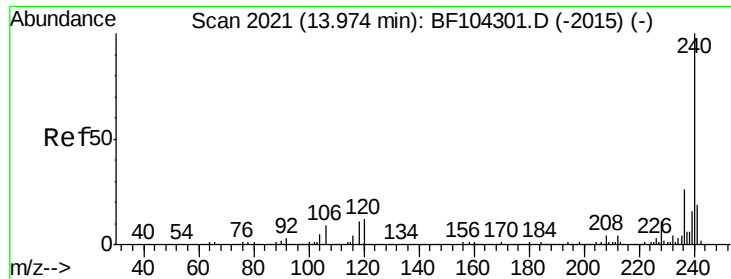


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

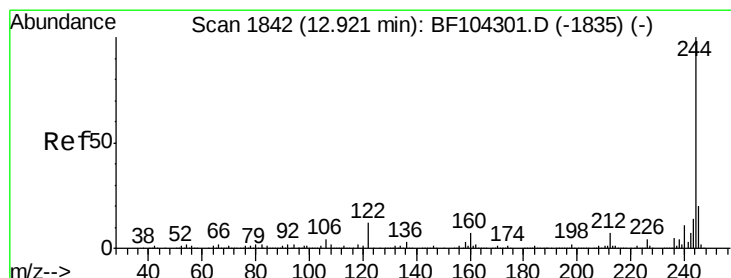
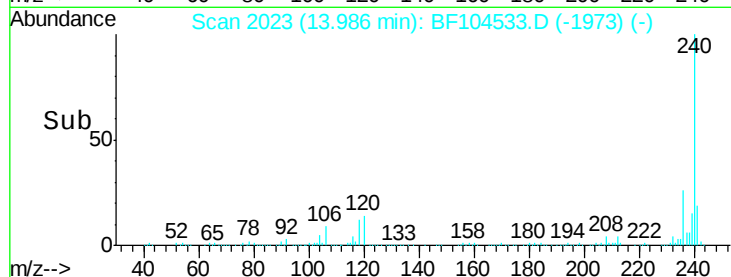
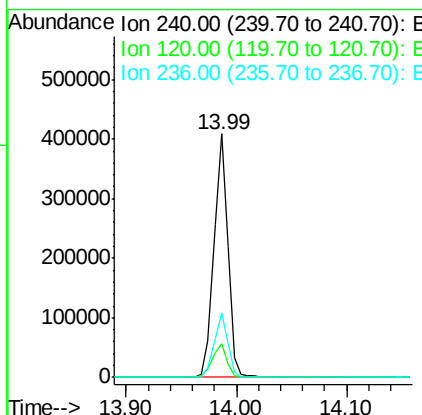
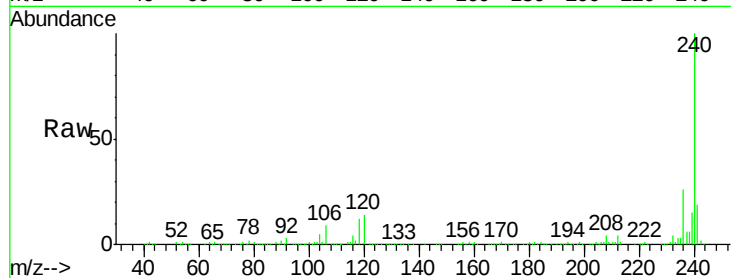




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

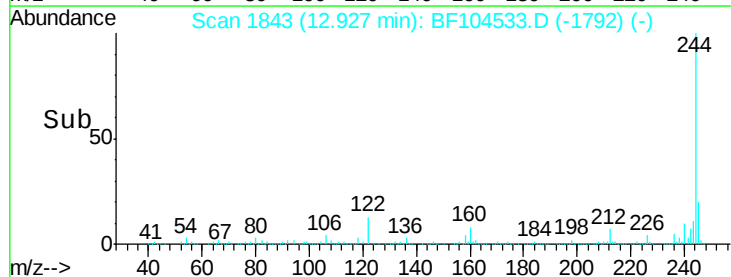
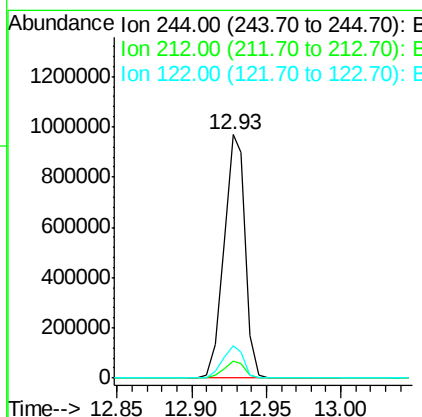
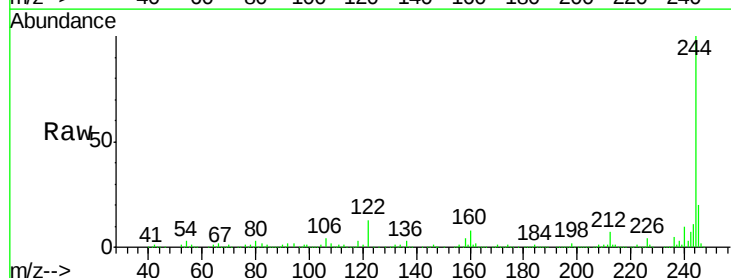
Instrument :
 BNA_F
 ClientSampled :

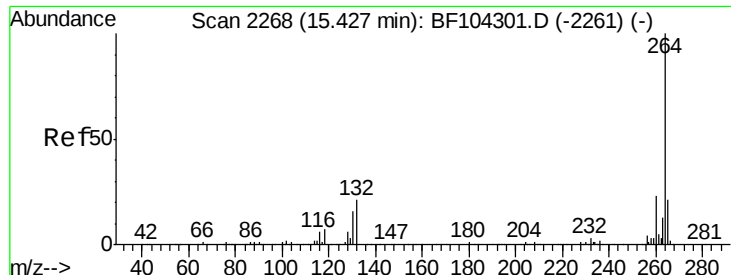
Tot Ion:240 Resp: 354384
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 26.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 62.366 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Tgt Ion:244 Resp: 969438
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF104533.D
 Acq: 16 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

