

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104735.D
 Acq On : 24 Apr 2018 4:46
 Operator : JU/SJ
 Sample : J2494-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:26:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

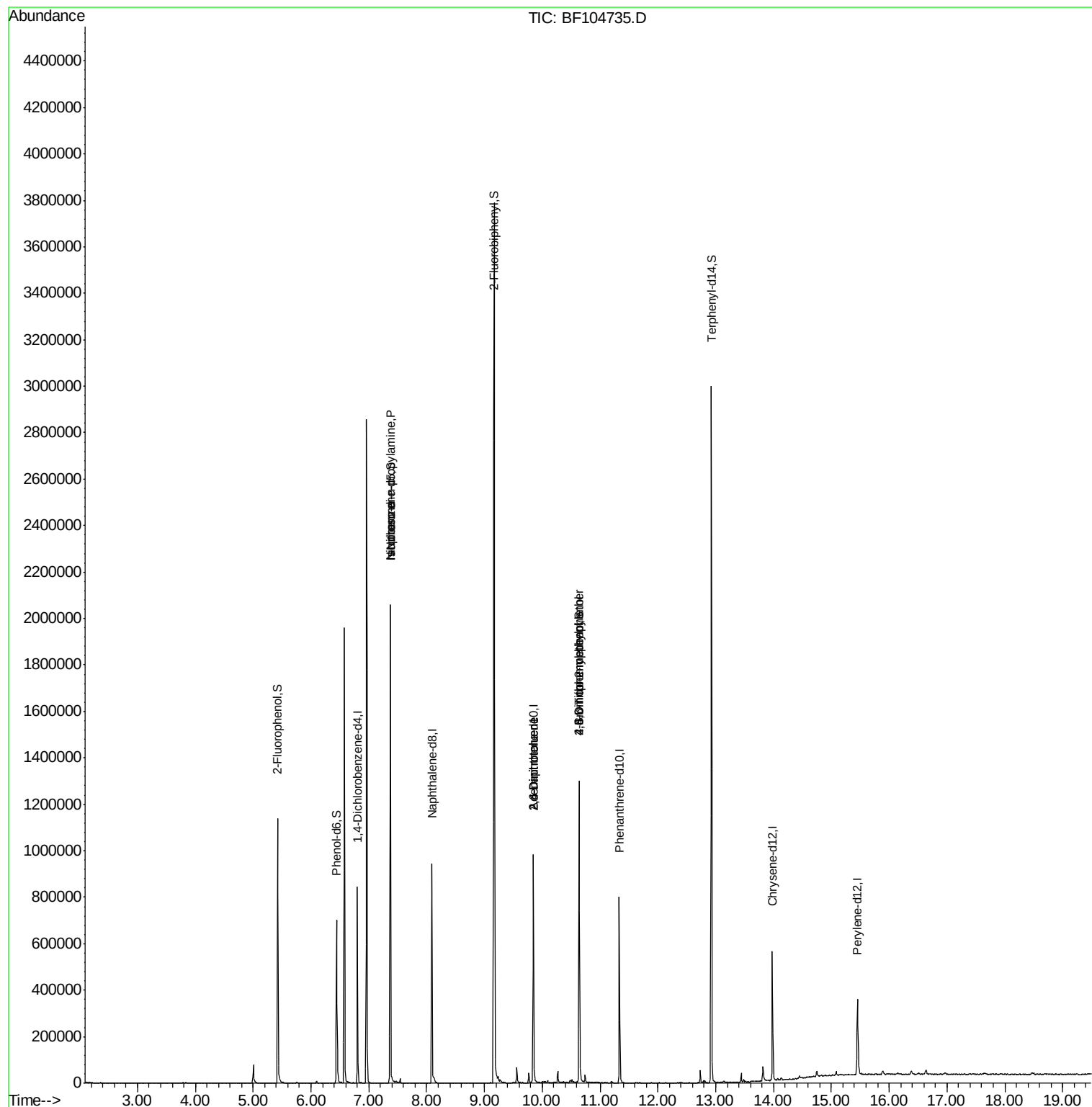
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116277	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	467861	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	197082	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	318776	20.00	ng	0.00
75) Chrysene-d12	13.98	240	210883	20.00	ng	0.00
86) Perylene-d12	15.46	264	155597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	343456	45.16	ng	0.00
7) Phenol-d6	6.44	99	258795	27.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	726431	101.39	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	168188	82.27	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1259326	100.94	ng	0.00
78) Terphenyl-d14	12.93	244	1060500	114.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	93782	15.360	ng	# 74
25) Isophorone	7.37	82	726533	47.952	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	25676	8.928	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	25676	6.807	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	283	7.501	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9895	2.918	ng	# 1
76) Benizidine	12.93	184	13915	Below Cal		# 93

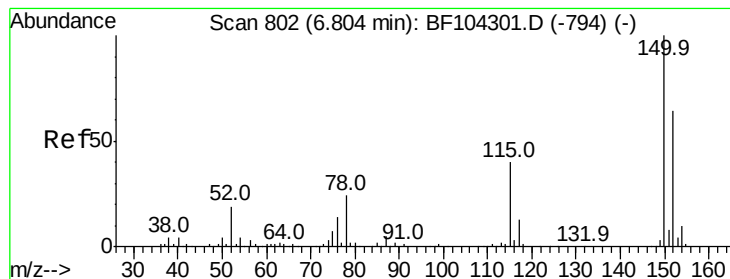
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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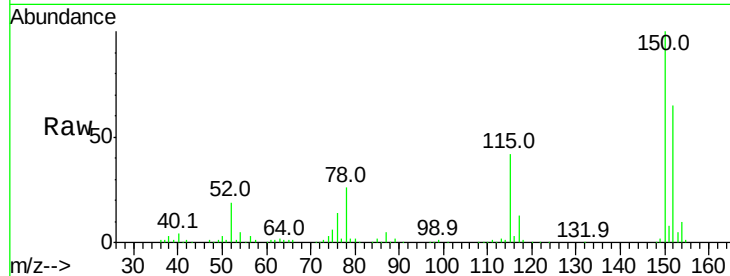


#1

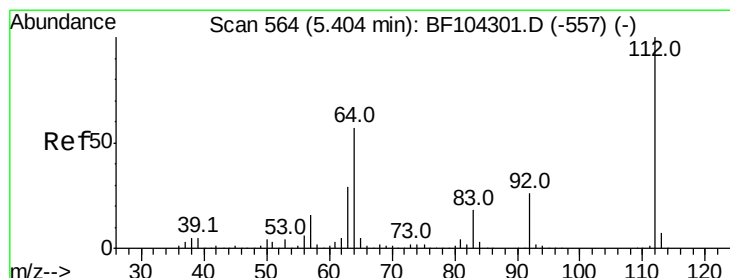
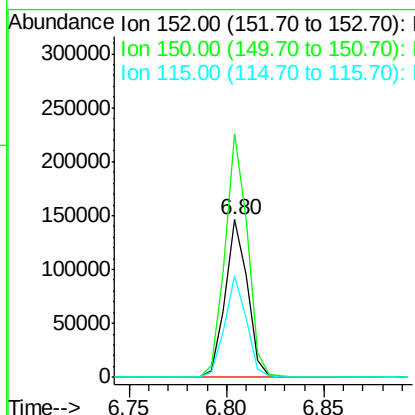
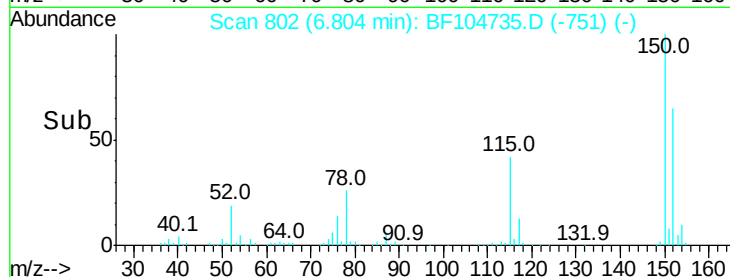
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116277
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 64.4 50.1 75.1



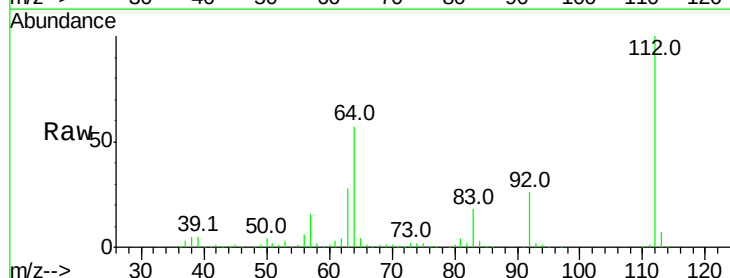
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



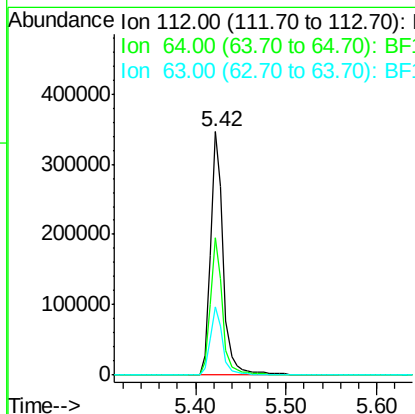
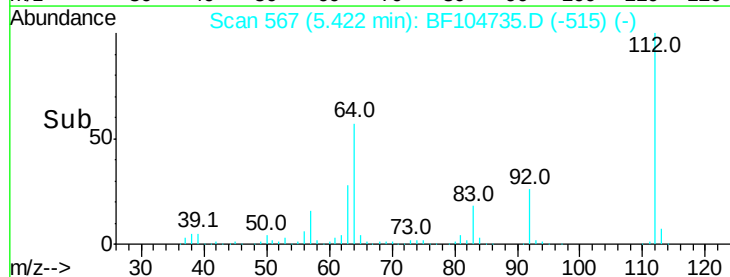
#5

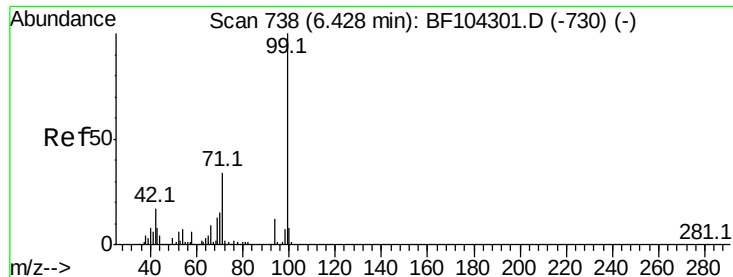
2-Fluorophenol
Concen: 45.165 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Tgt Ion:112 Resp: 343456
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.0 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: 27.698 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

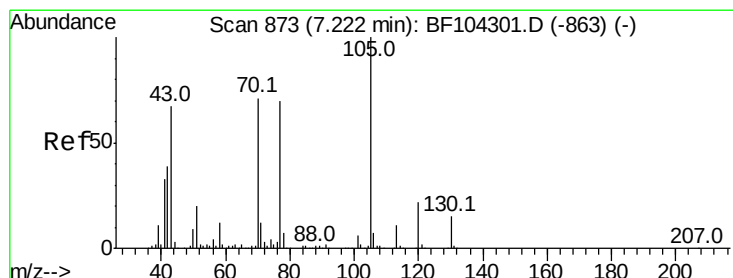
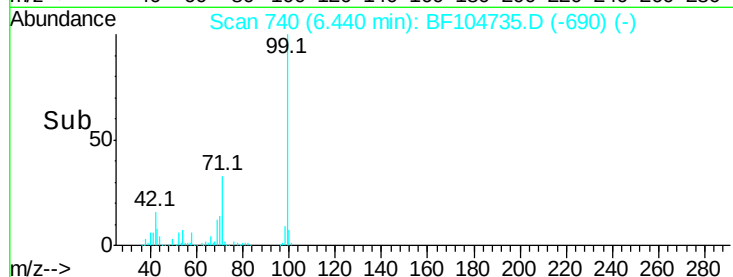
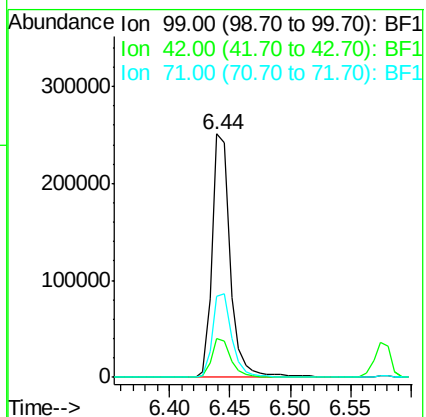
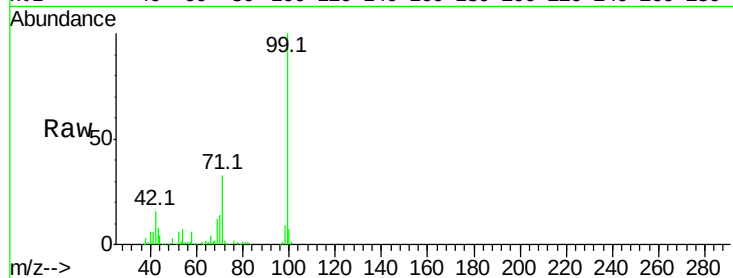
Tot Ion: 99 Resp: 258795

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.360 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

Tgt Ion: 70 Resp: 93782

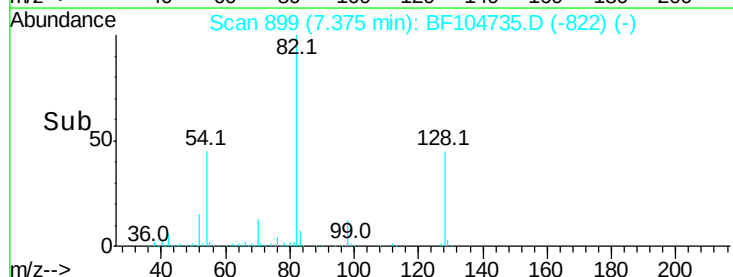
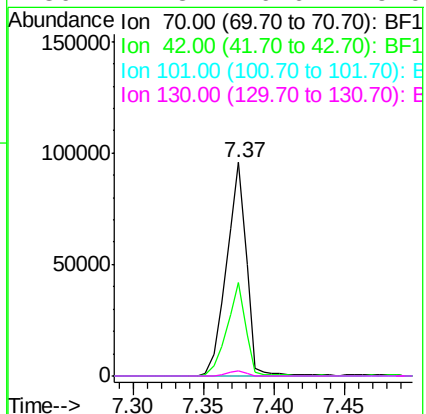
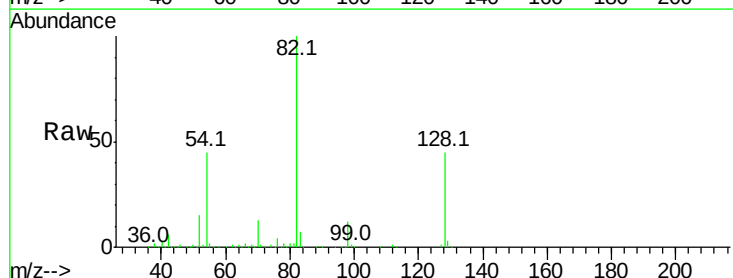
Ion Ratio Lower Upper

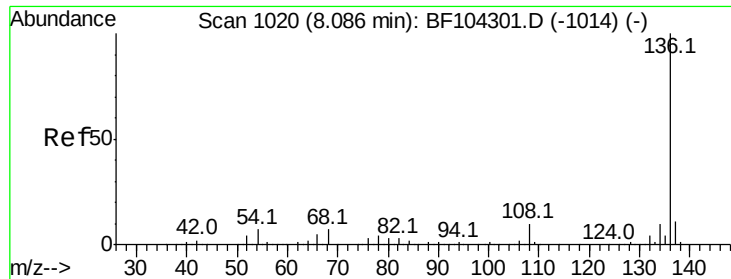
70 100

42 43.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

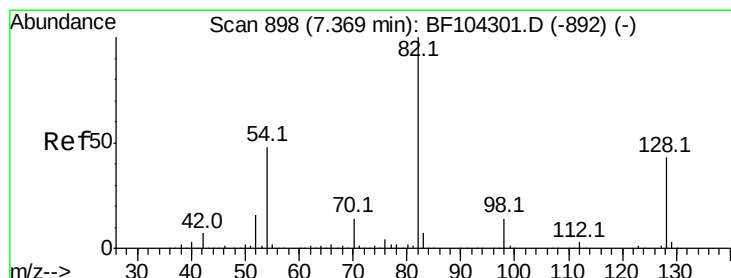
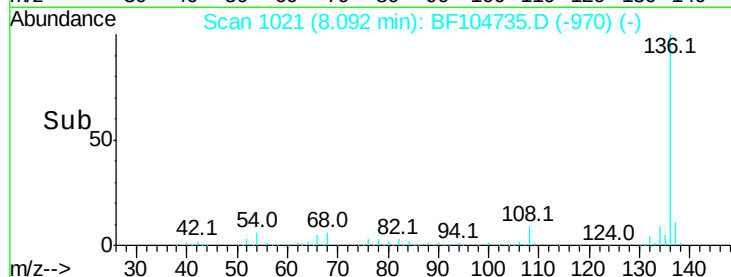
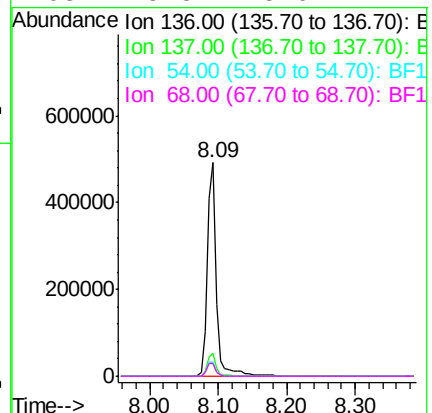
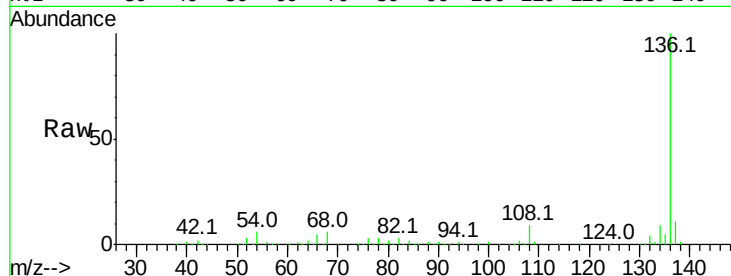




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

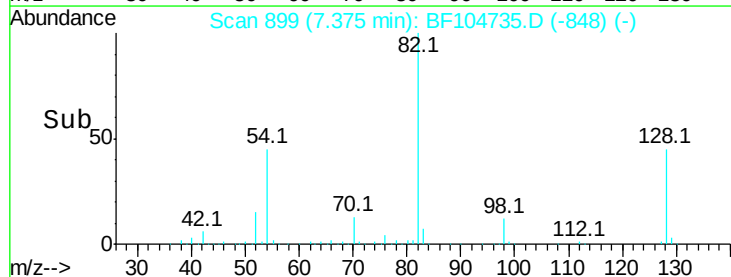
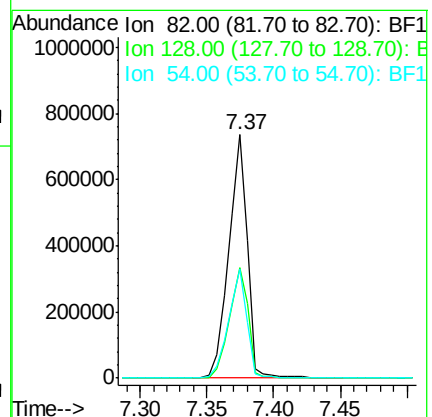
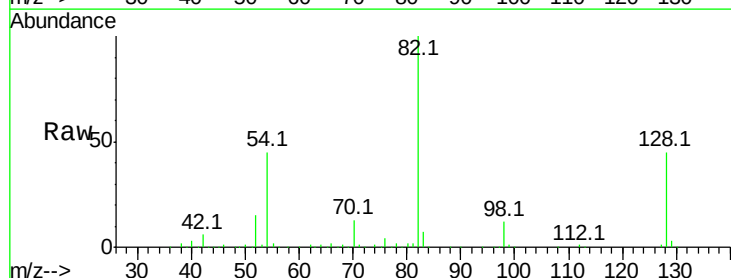
Instrument :
BNA_F
ClientSampleId :

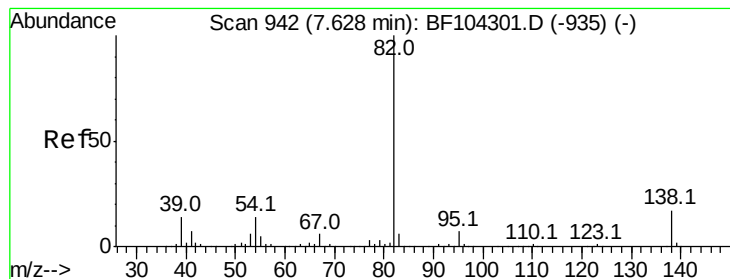
Tot Ion:	136	Resp:	467861
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 101.386 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Tgt Ion:	82	Resp:	726431
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	45.0	41.4	62.2





#25

Isophorone

Concen: 47.952 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

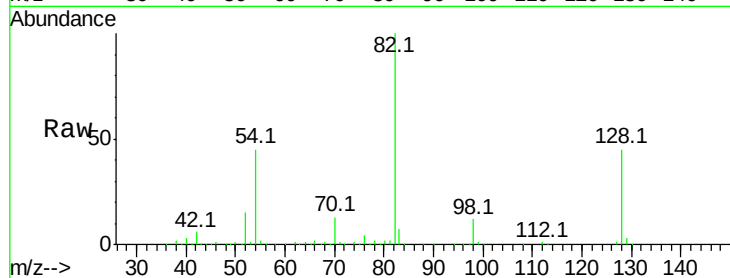
Tot Ion: 82 Resp: 726533

Ion Ratio Lower Upper

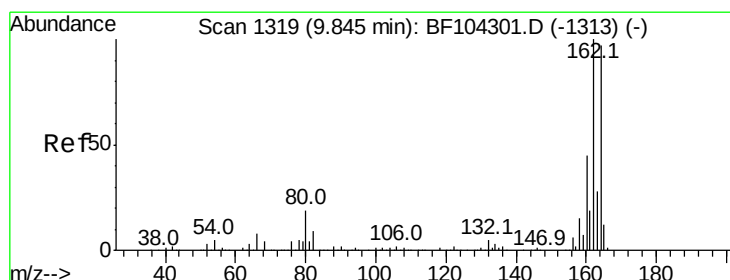
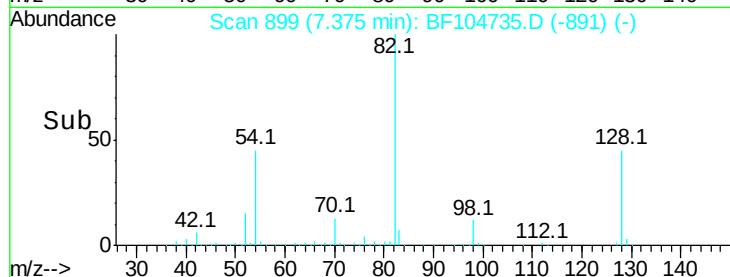
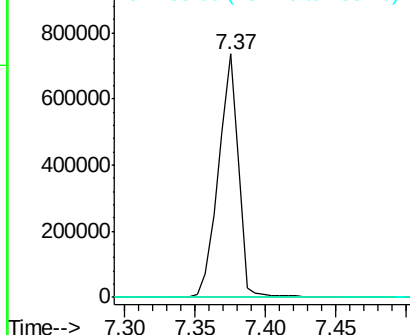
82 100

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# 1319

Delta R.T. -0.00 min

Lab File: BF104735.D

Acq: 24 Apr 2018 4:46

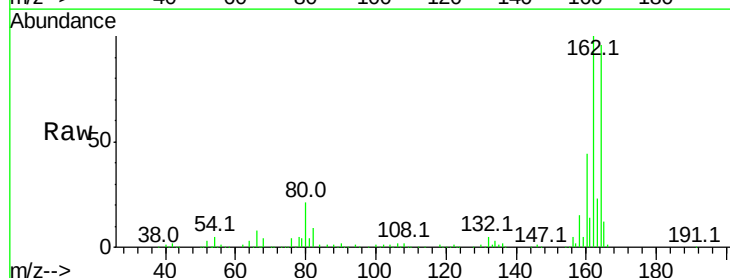
Tgt Ion:164 Resp: 197082

Ion Ratio Lower Upper

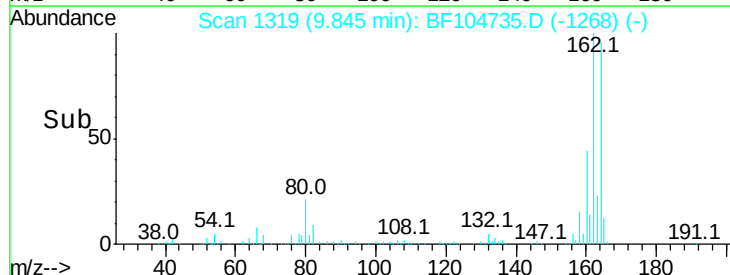
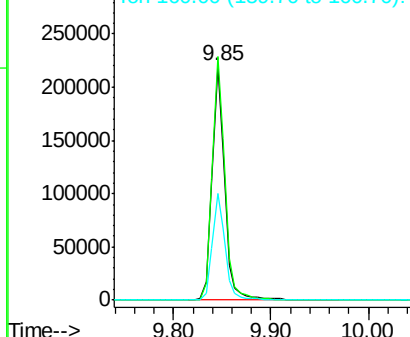
164 100

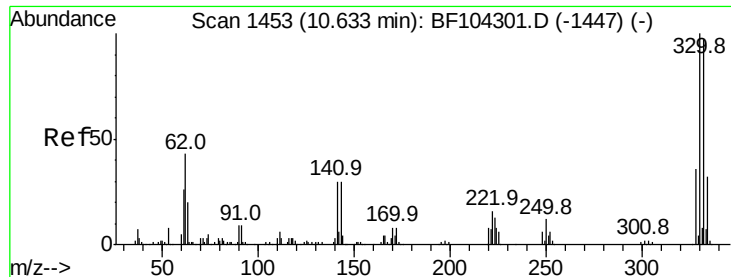
162 104.1 86.1 129.1

160 45.5 38.3 57.5



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

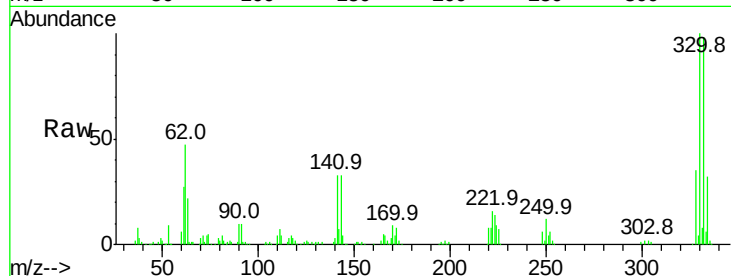




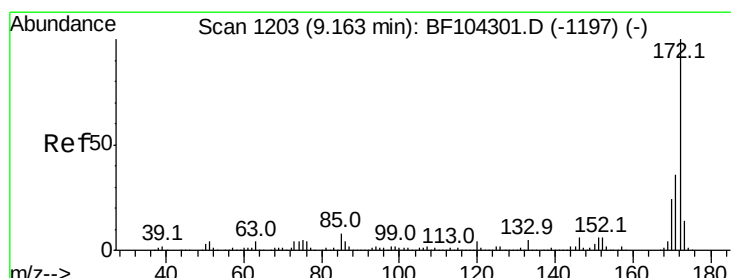
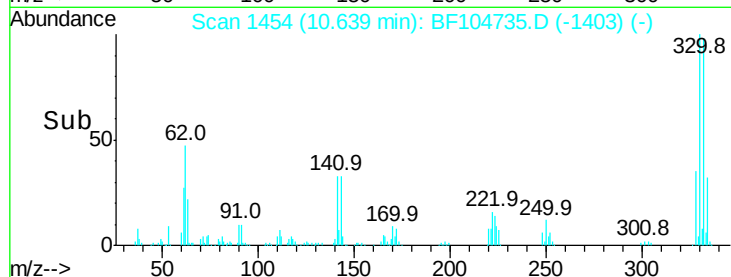
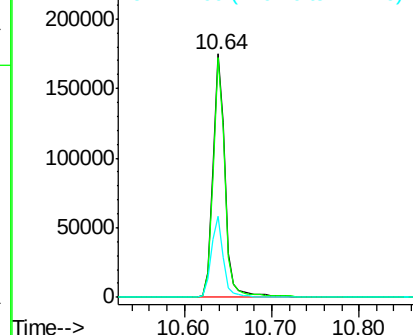
#41
 2,4,6-Tribromophenol
 Concen: 82.268 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.3	29.9	44.9

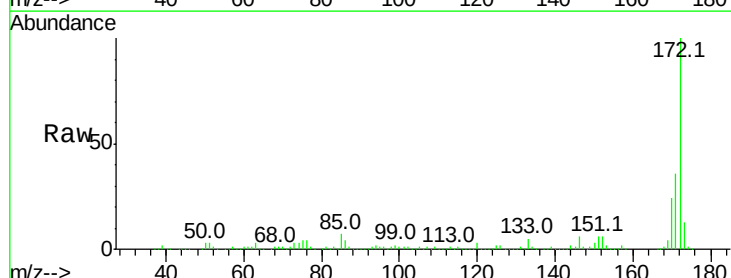


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

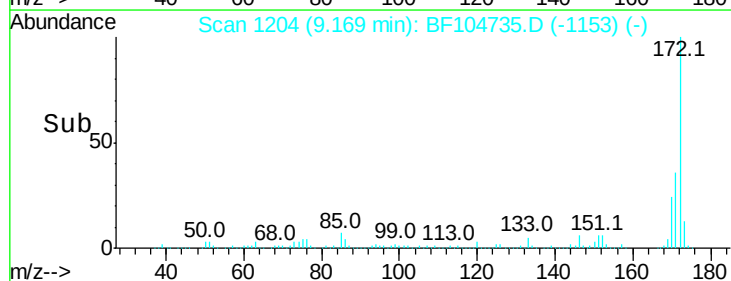
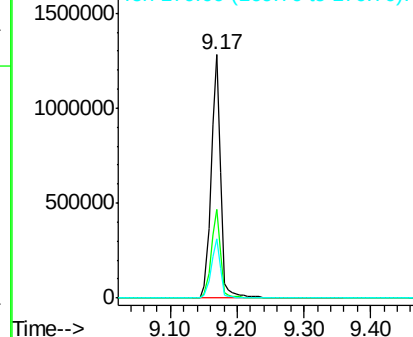


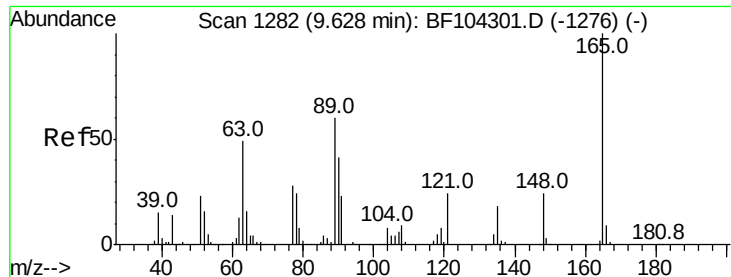
#44
 2-Fluorobiphenyl
 Concen: 100.944 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	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

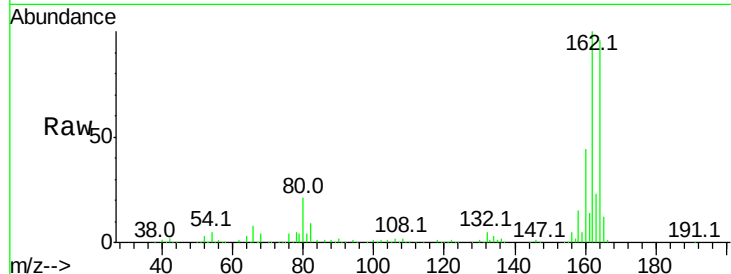




#50
2,6-Dinitrotoluene
Concen: 8.928 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

Instrument :
BNA_F
ClientSampleId :

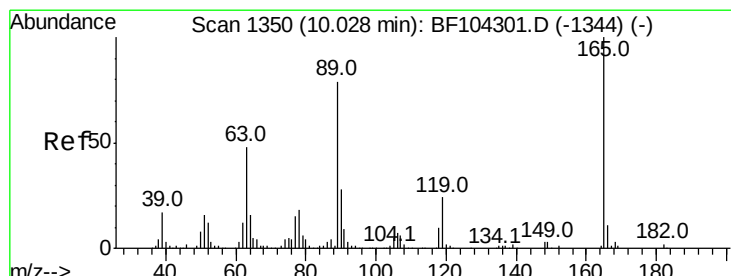
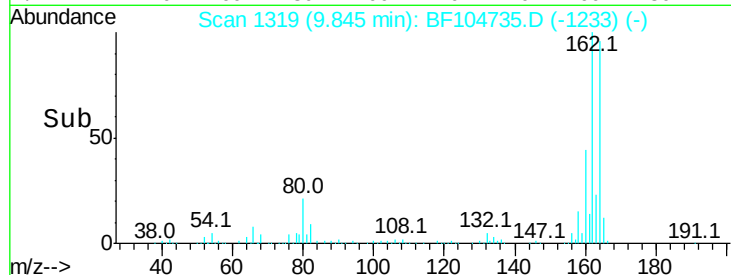
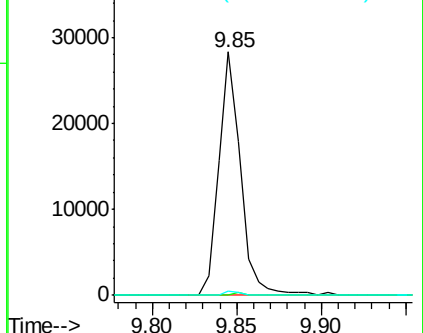
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



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



#56
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104735.D
Acq: 24 Apr 2018 4:46

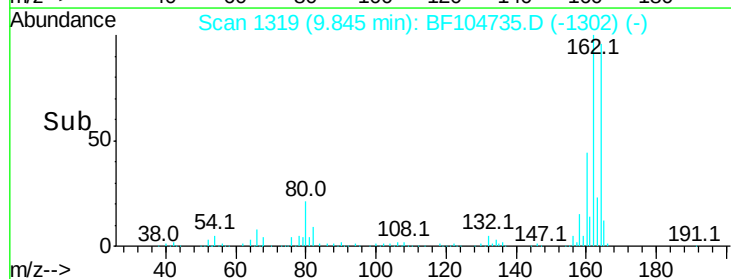
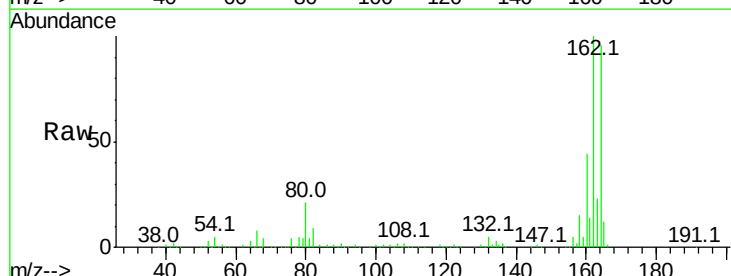
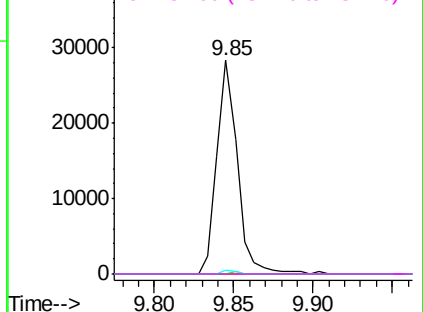
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

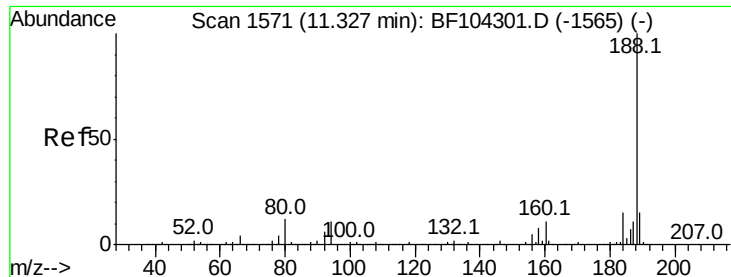
Abundance Ion 165.00 (164.70 to 165.70): E

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

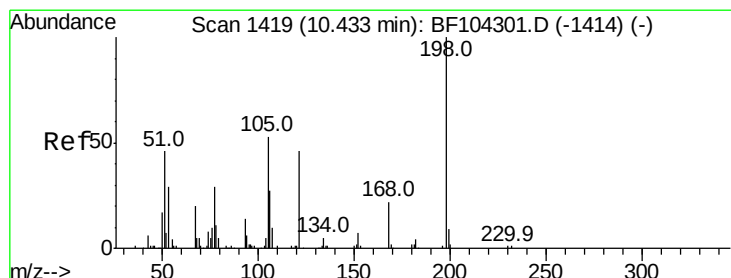
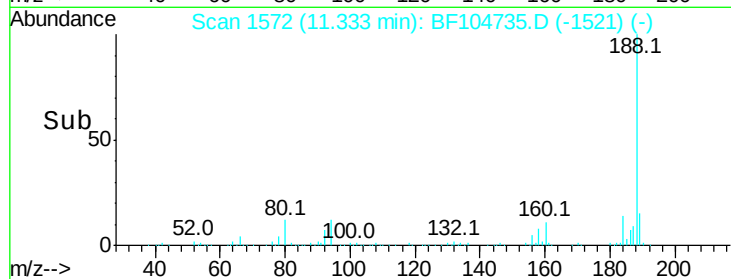
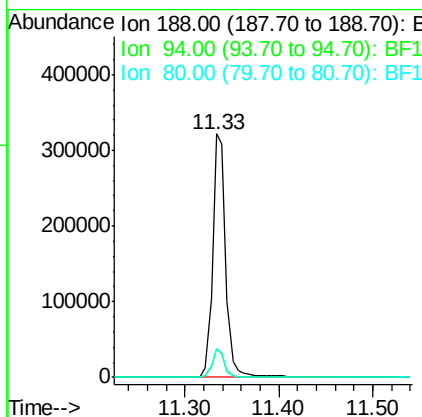
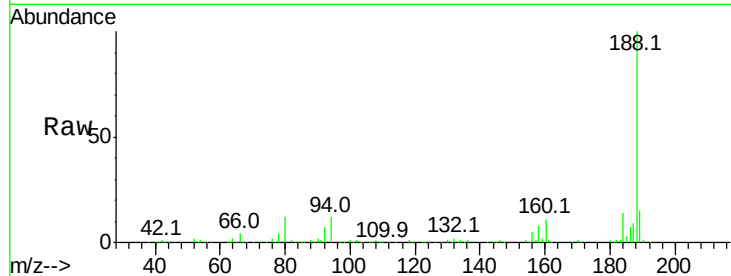




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

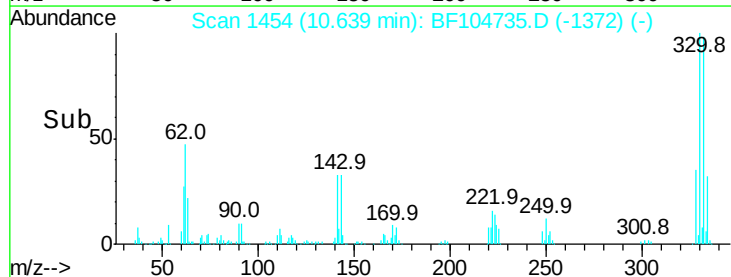
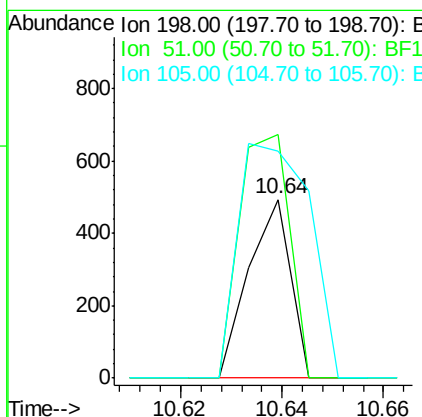
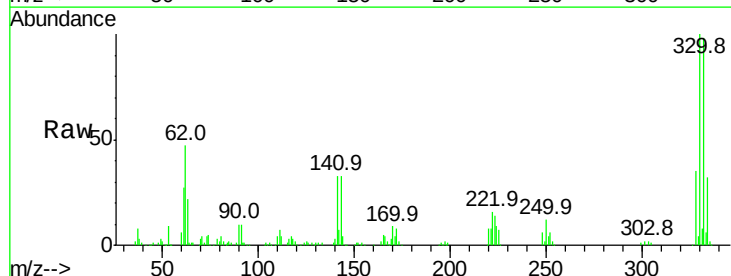
Instrument :
 BNA_F
 ClientSampleId :

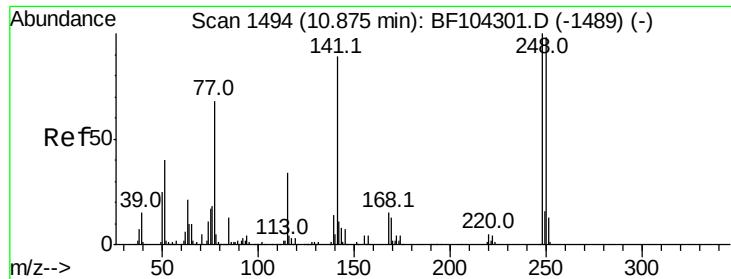
Tot Ion:188 Resp: 318776
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 11.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.501 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.18 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Tgt Ion:198 Resp: 283
 Ion Ratio Lower Upper
 198 100
 51 136.2 37.7 77.7#
 105 127.3 36.3 76.3#

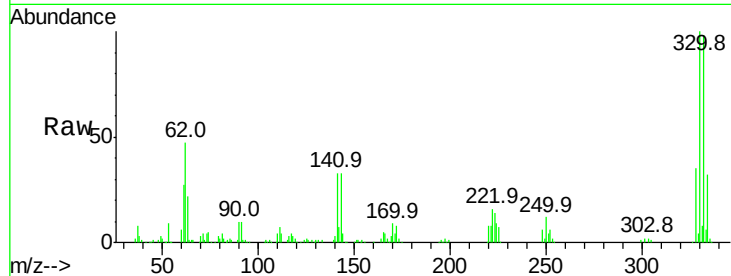




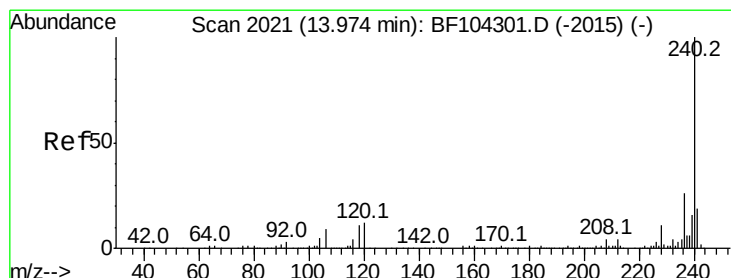
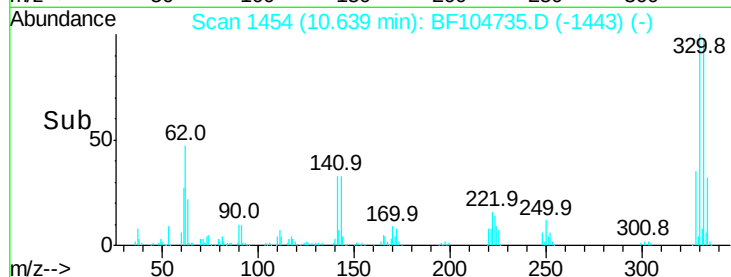
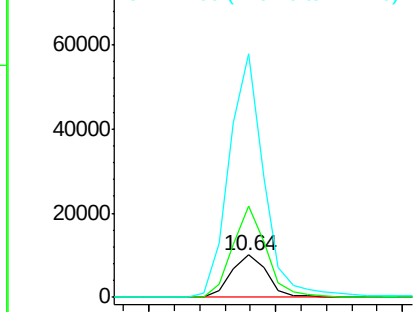
#66
 4-Bromophenyl-phenylether
 Concen: 2.918 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9895
 Ion Ratio Lower Upper
 248 100
 250 216.2 76.9 115.3#
 141 573.2 74.4 111.6#

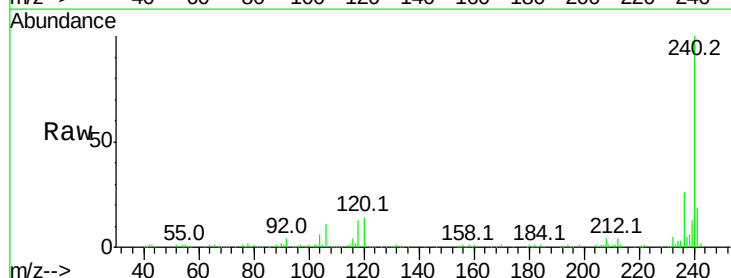


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

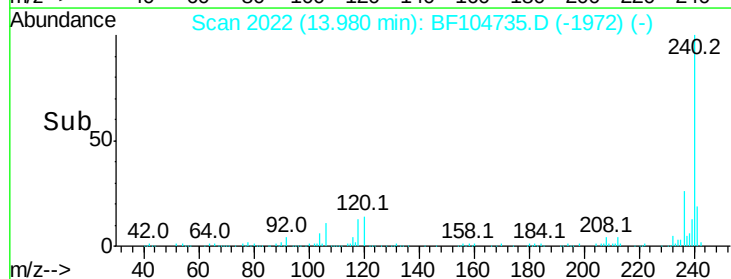
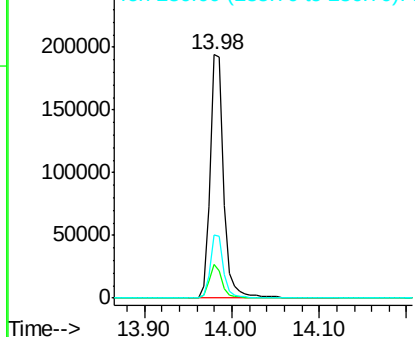


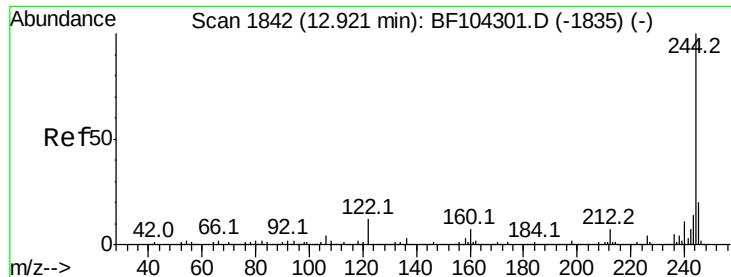
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Tgt Ion:240 Resp: 210883
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 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

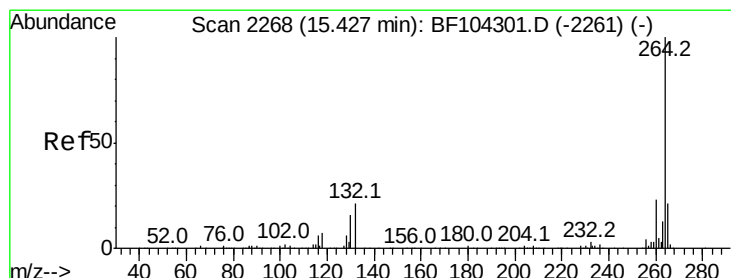
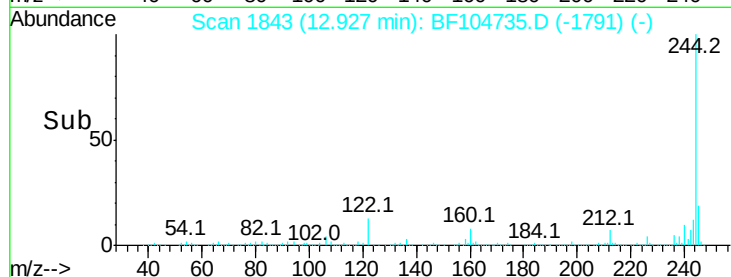
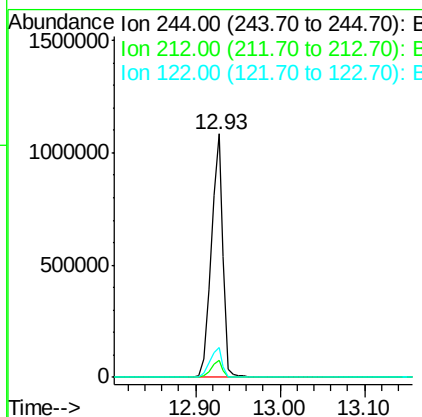
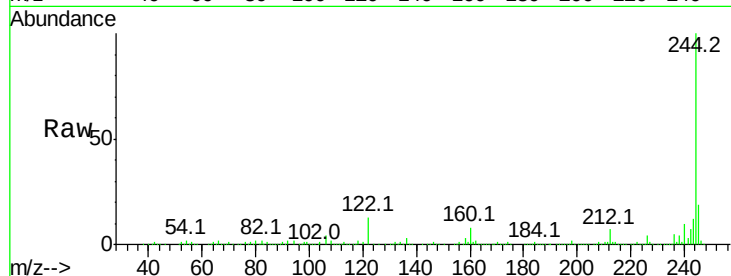




#78
 Terphenyl-d14
 Concen: 114.649 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1060500
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104735.D
 Acq: 24 Apr 2018 4:46

Tgt Ion:264 Resp: 155597
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.9 17.5 26.3

