

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104730.D
 Acq On : 24 Apr 2018 2:34
 Operator : JU/SJ
 Sample : J2494-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:24:57 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

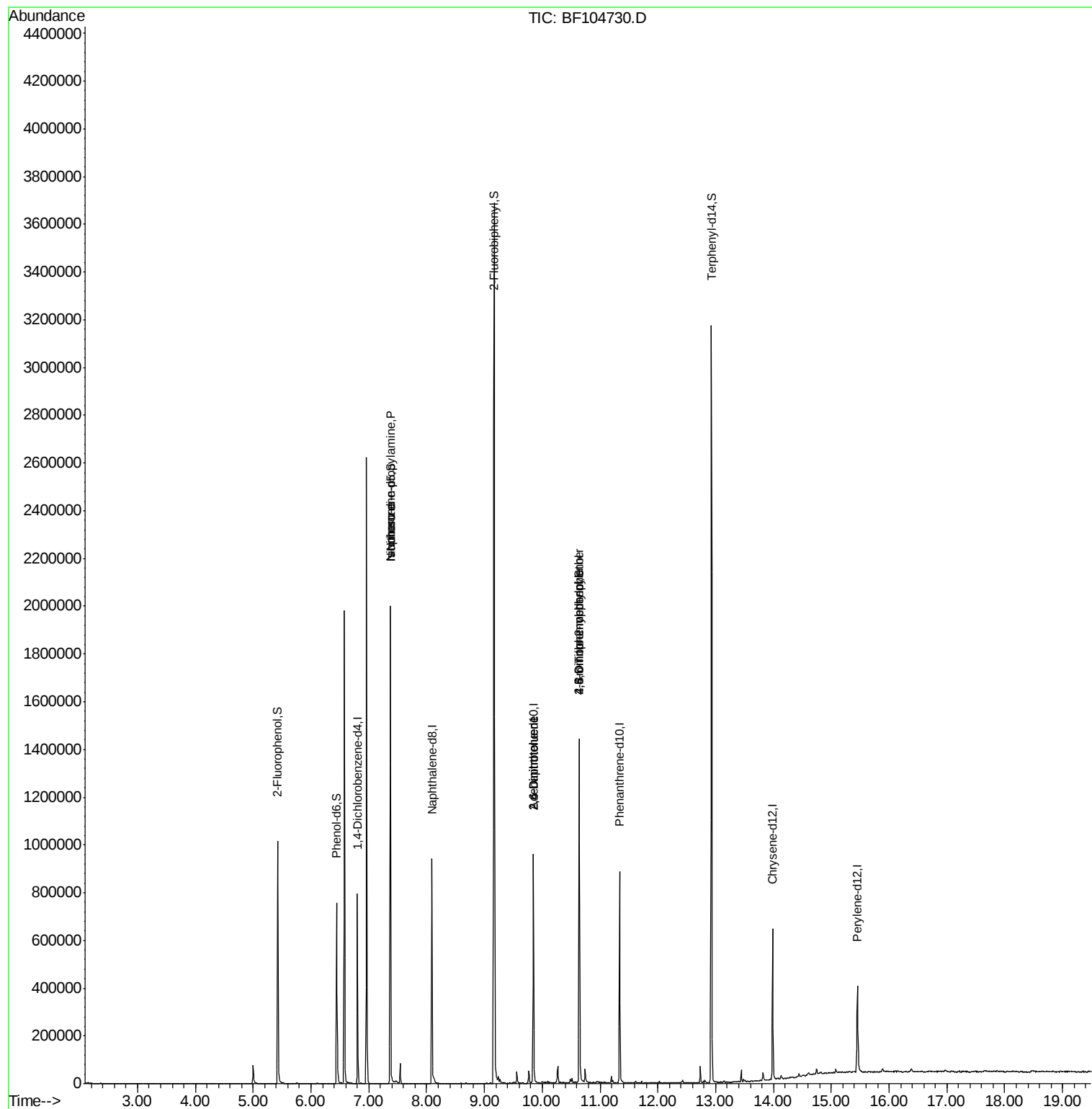
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110120	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	448324	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	193355	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	333268	20.00	ng	0.00
75) Chrysene-d12	13.99	240	233079	20.00	ng	0.00
86) Perylene-d12	15.45	264	167660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	318838	44.27	ng	0.00
7) Phenol-d6	6.45	99	241785	27.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	702589	102.33	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	185484	92.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1200468	98.08	ng	0.00
78) Terphenyl-d14	12.93	244	1187105	116.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	92267	15.957	ng	# 73
25) Isophorone	7.37	82	702578	48.391	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	24391	8.645	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	24391	6.591	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	406	7.559	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11131	3.140	ng	# 1
76) Benizidine	12.93	184	15082	Below Cal		95

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

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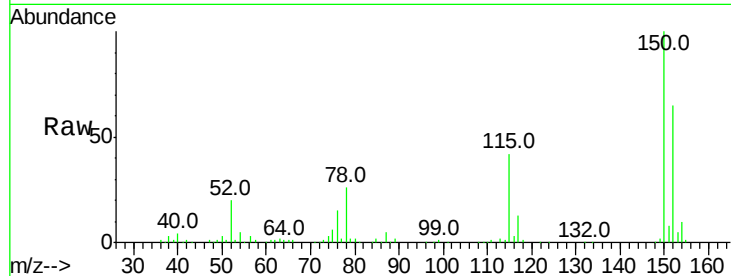


#1

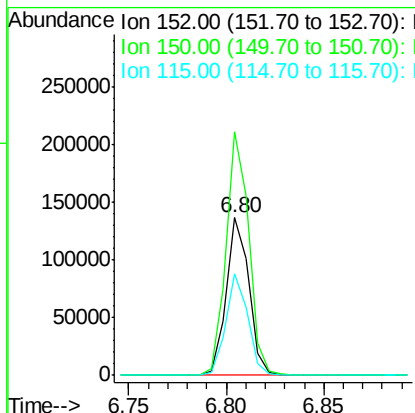
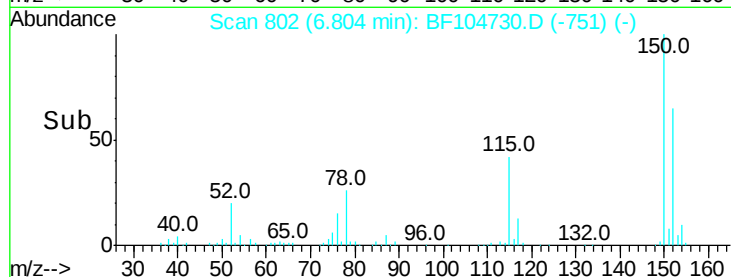
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 110120
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 64.2 50.1 75.1



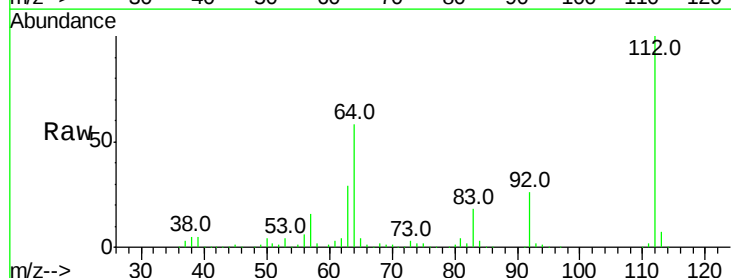
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



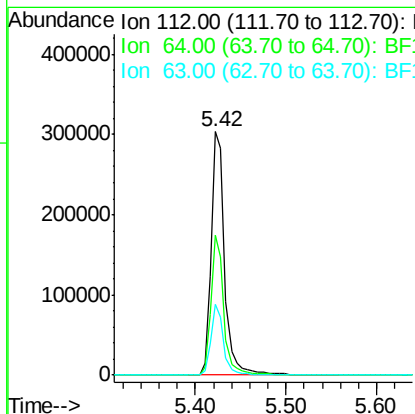
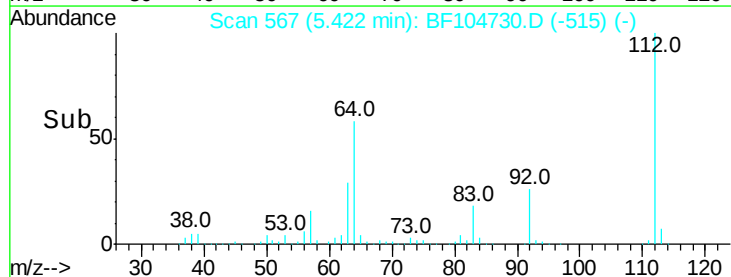
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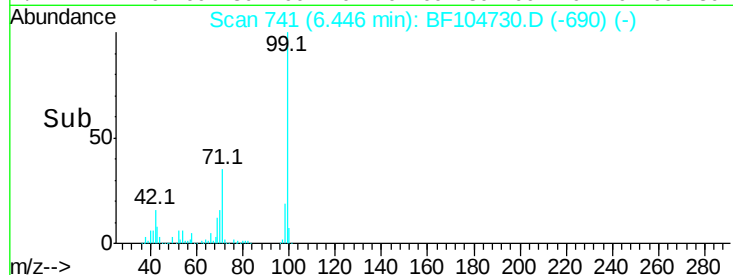
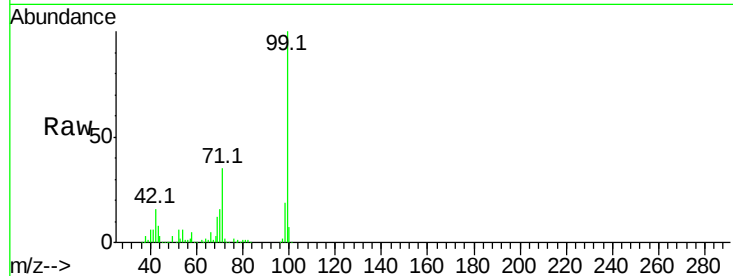
2-Fluorophenol
 Concen: 44.272 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Tgt Ion:112 Resp: 318838
 Ion Ratio Lower Upper
 112 100
 64 57.6 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: 27.324 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

Instrument :

BNA_F

ClientSampleId :

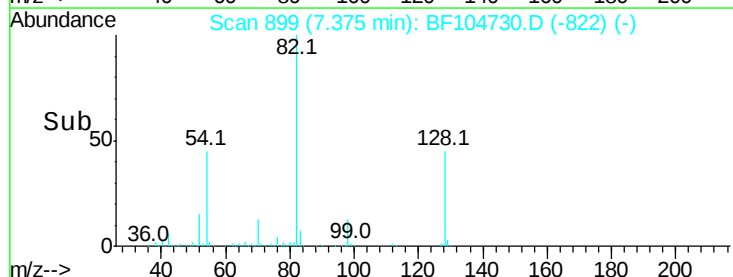
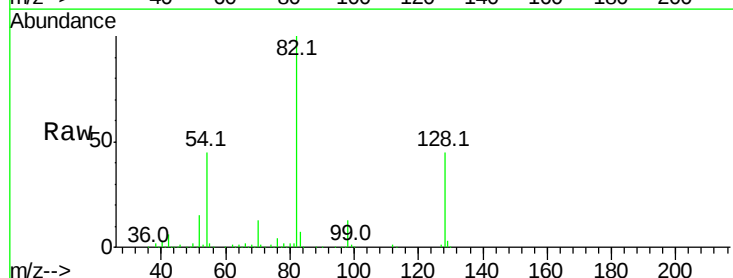
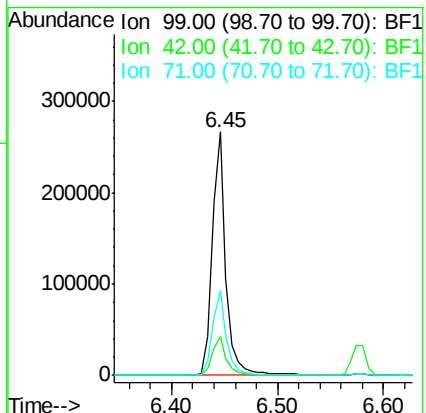
Tot Ion: 99 Resp: 241785

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 35.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.957 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

Tgt Ion: 70 Resp: 92267

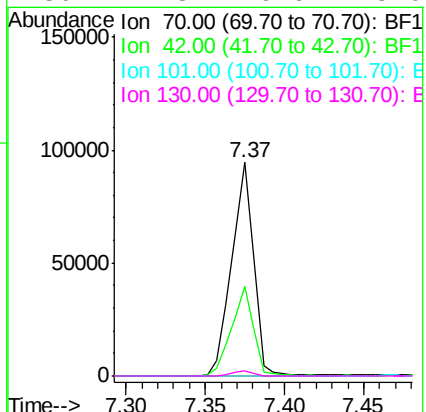
Ion Ratio Lower Upper

70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

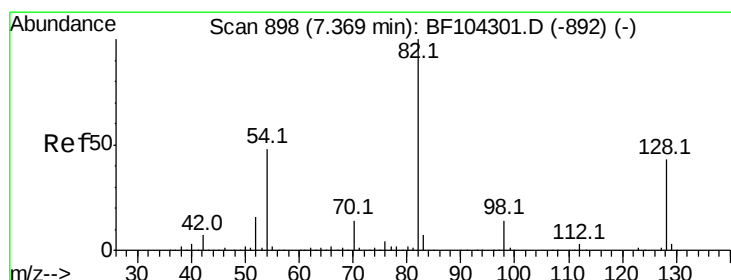
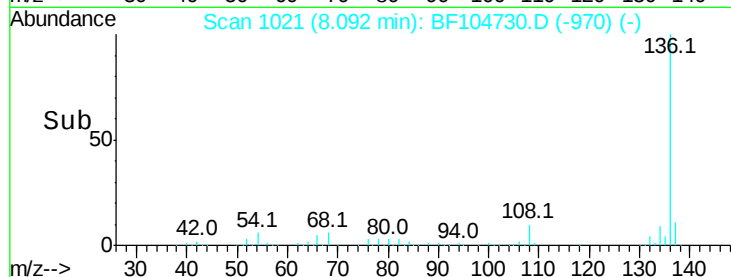
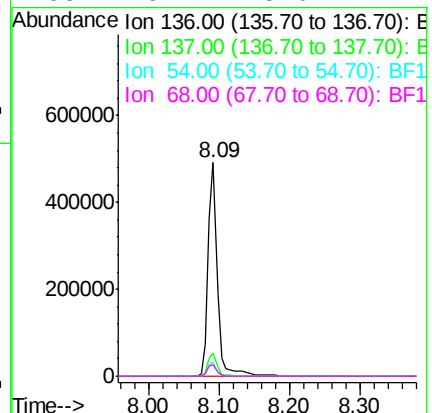
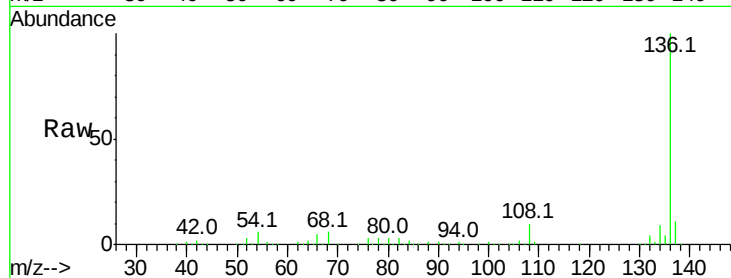




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

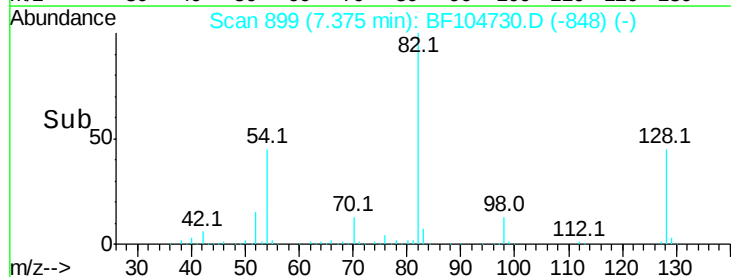
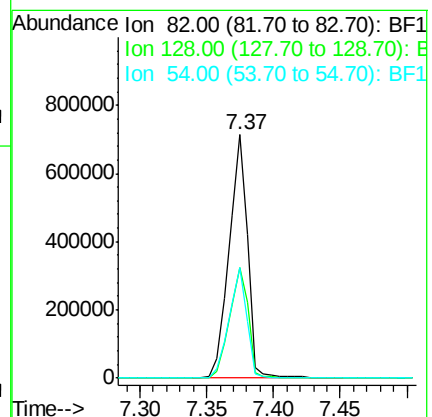
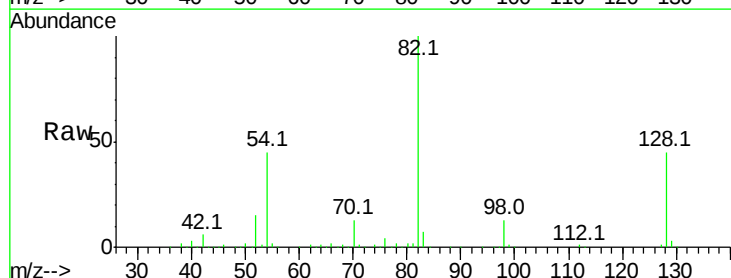
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	448324
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 102.332 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

Tgt Ion:	82	Resp:	702589
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.4	41.4	62.2

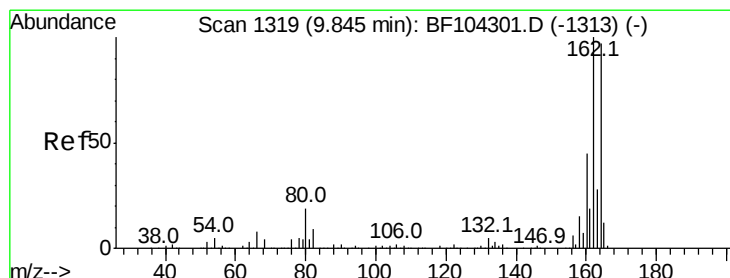
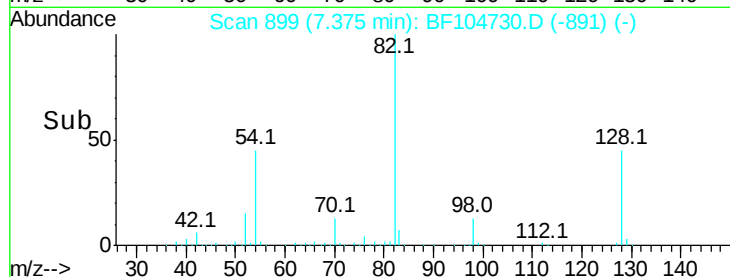
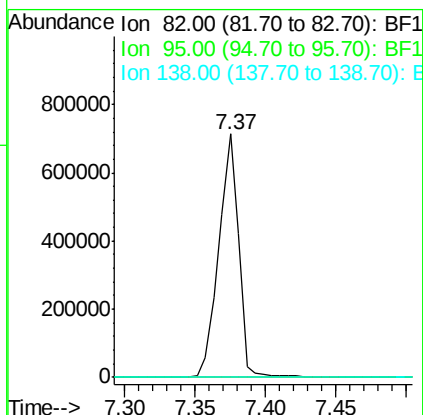
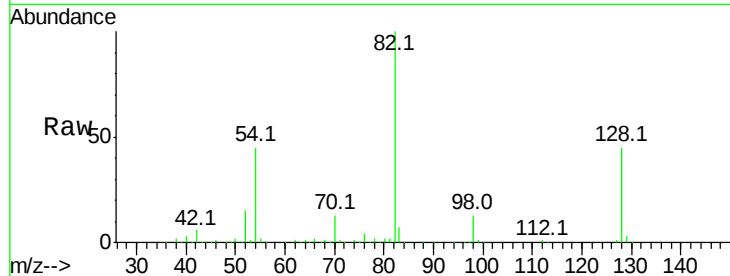




#25
Isophorone
Concen: 48.391 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

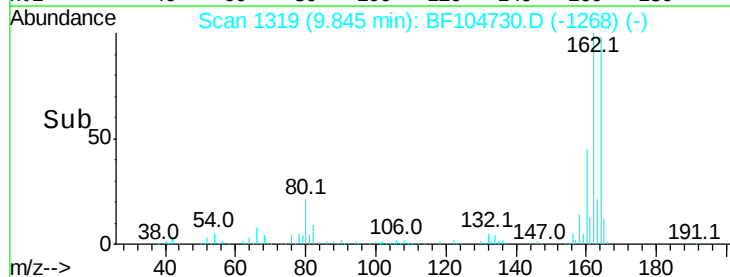
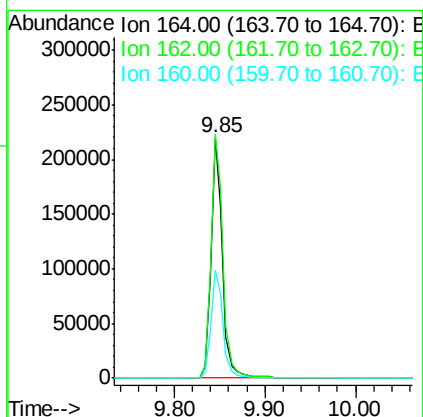
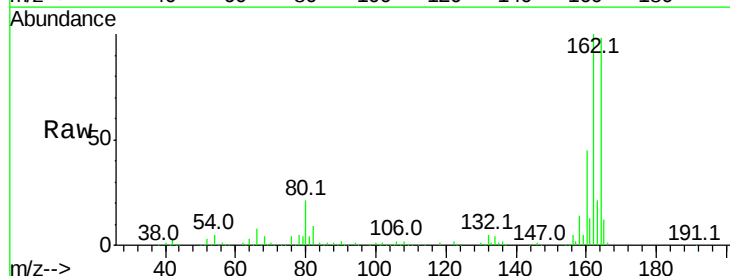
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 702578
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

Tgt Ion:164 Resp: 193355
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 45.3 38.3 57.5

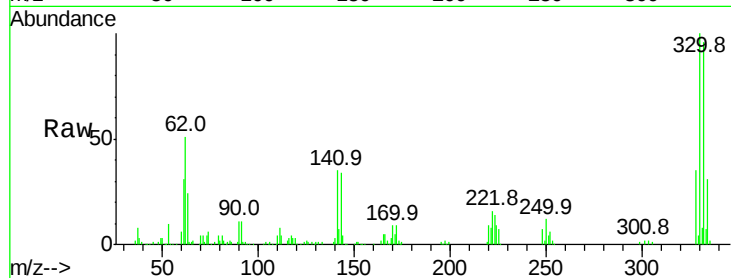




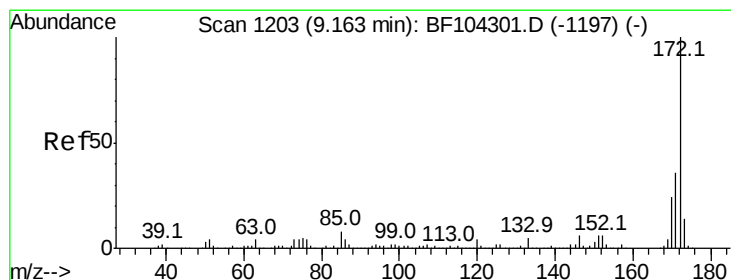
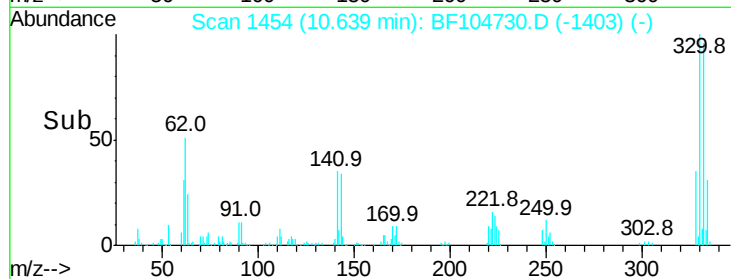
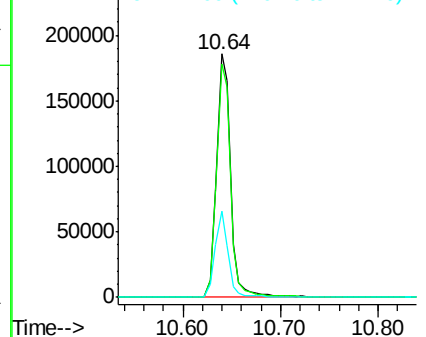
#41
 2,4,6-Tribromophenol
 Concen: 92.477 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.3	29.9	44.9

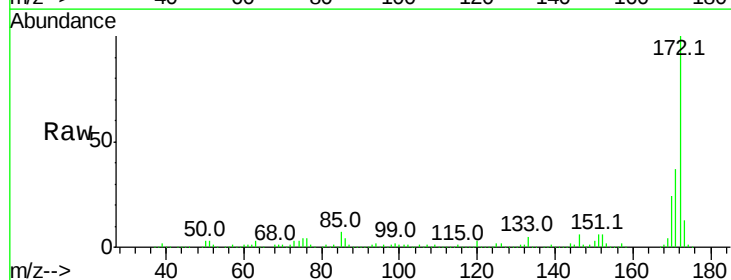


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

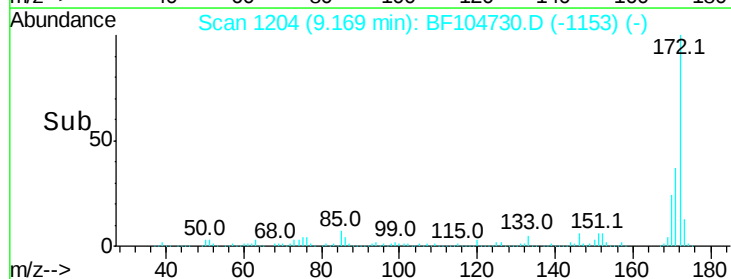
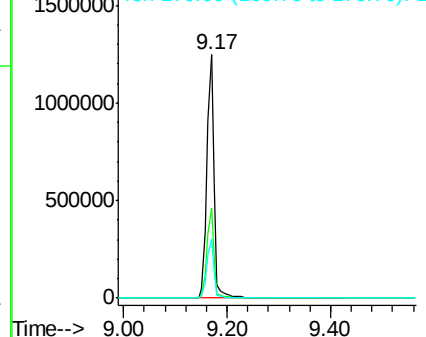


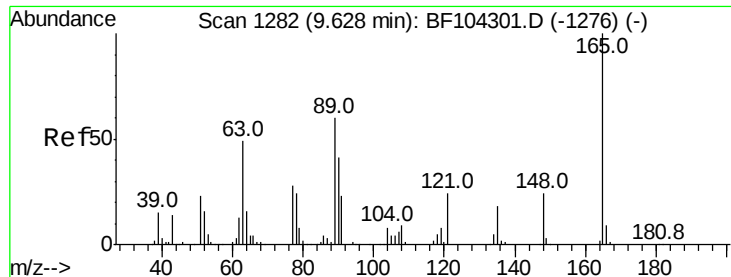
#44
 2-Fluorobiphenyl
 Concen: 98.081 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

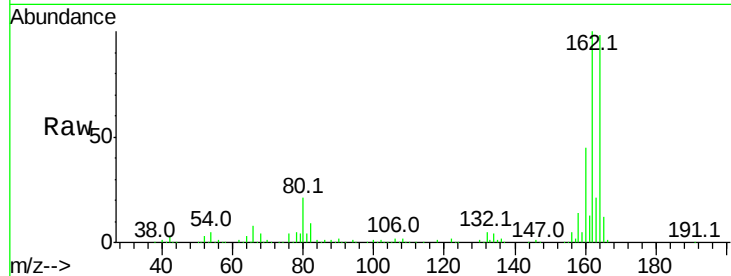




#50
 2,6-Dinitrotoluene
 Concen: 8.645 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Instrument :
 BNA_F
 ClientSampleId :

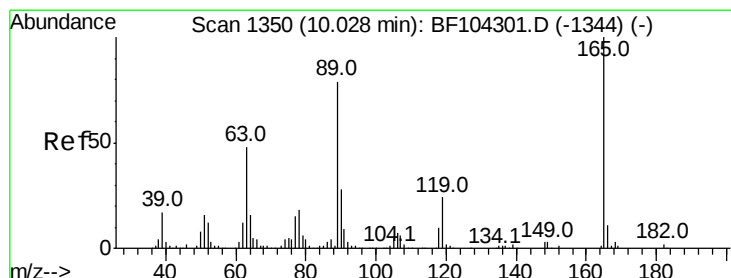
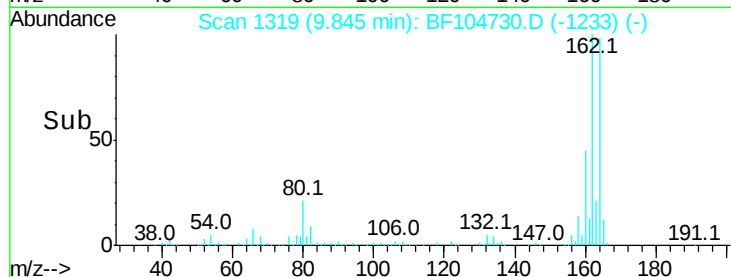
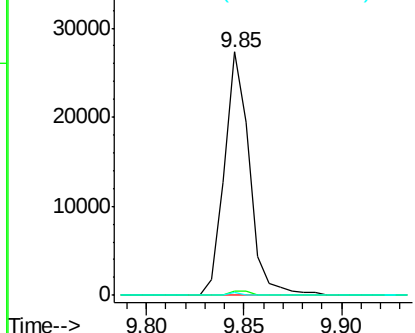
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.4	44.0	66.0#



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: 6.591 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

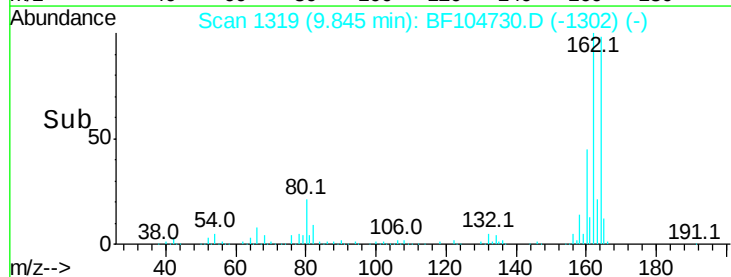
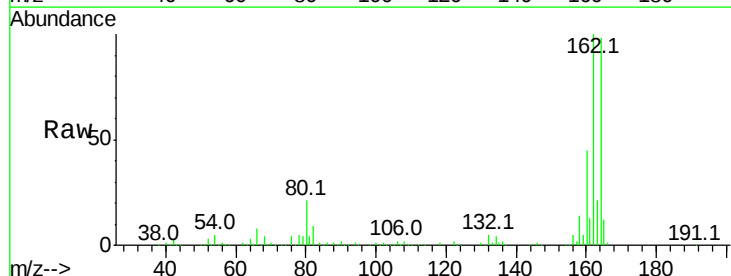
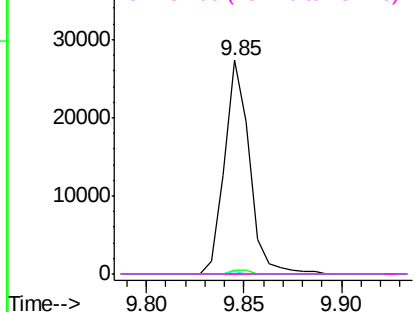
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

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

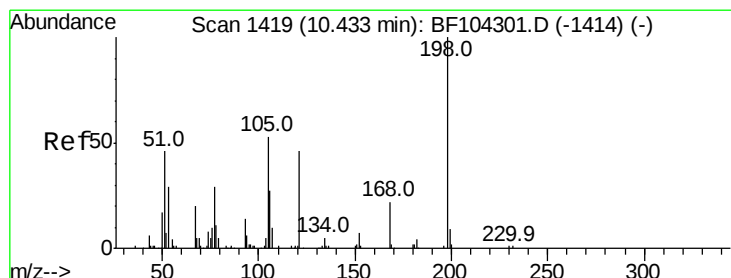
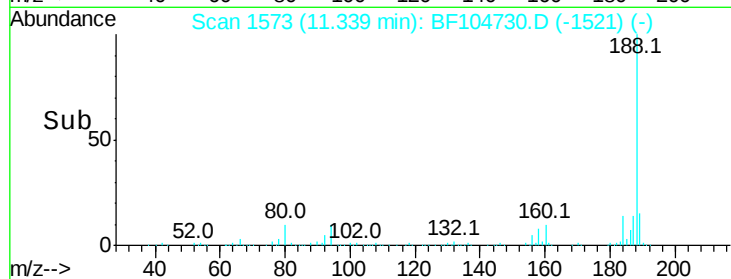
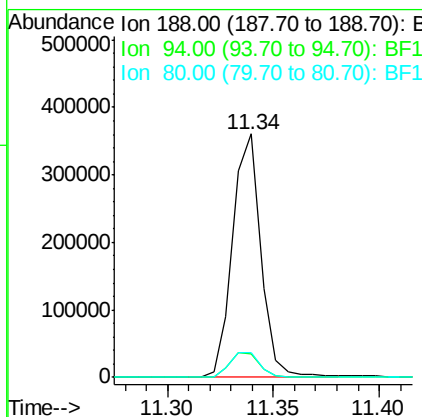
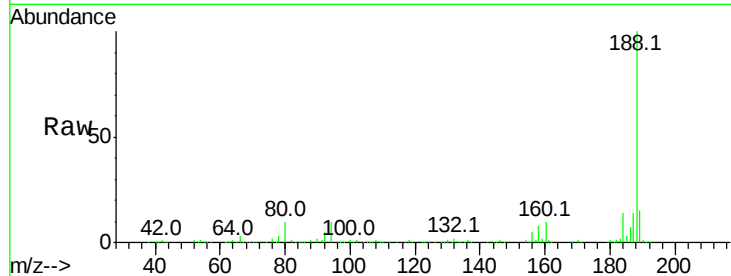




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

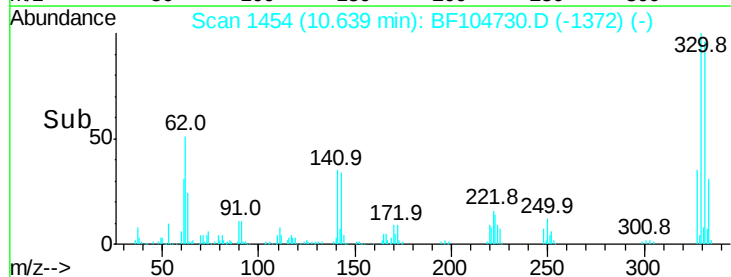
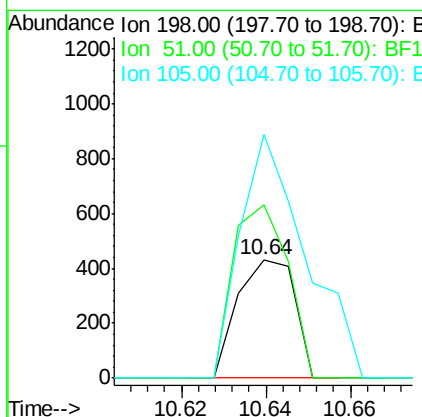
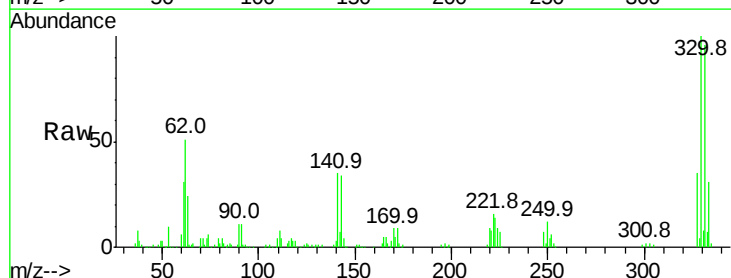
Instrument :
BNA_F
ClientSampled :

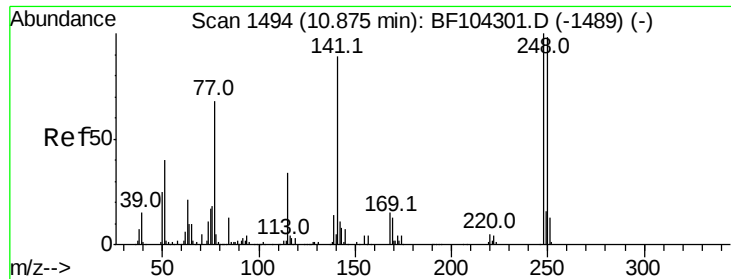
Tot Ion:188 Resp: 333268
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.559 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104730.D
Acq: 24 Apr 2018 2:34

Tgt Ion:198 Resp: 406
Ion Ratio Lower Upper
198 100
51 146.2 37.7 77.7#
105 206.0 36.3 76.3#

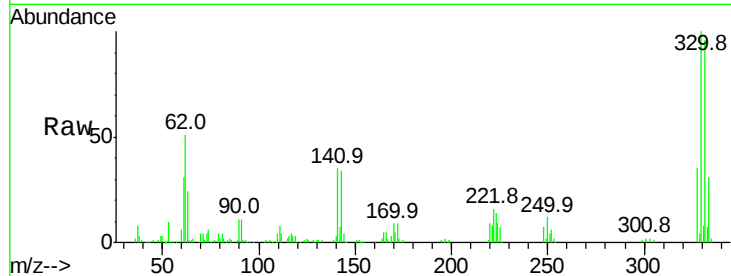




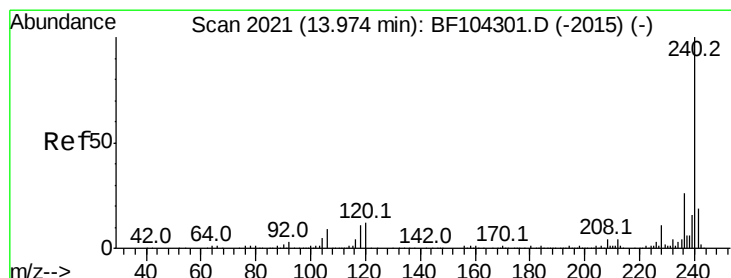
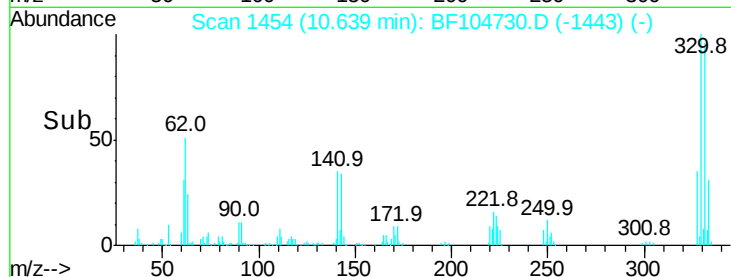
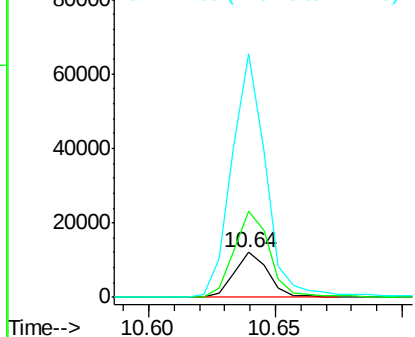
#66
 4-Bromophenyl-phenylether
 Concen: 3.140 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11131
 Ion Ratio Lower Upper
 248 100
 250 189.7 76.9 115.3#
 141 539.7 74.4 111.6#

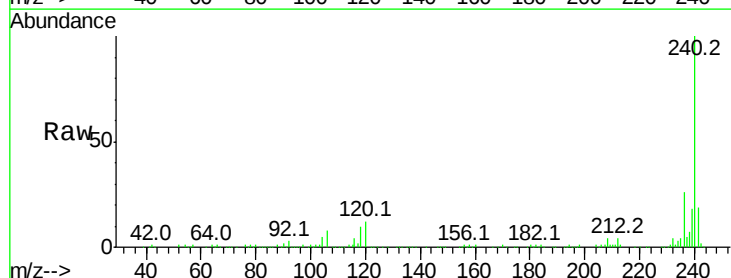


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

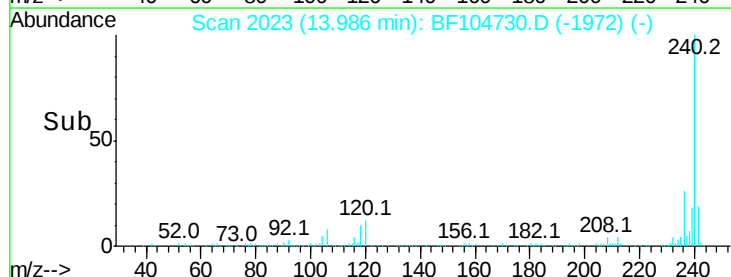
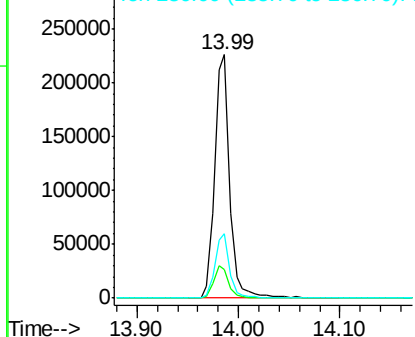


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104730.D
 Acq: 24 Apr 2018 2:34

Tgt Ion:240 Resp: 233079
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 26.3 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: 116.115 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

Instrument :

BNA_F

ClientSampled :

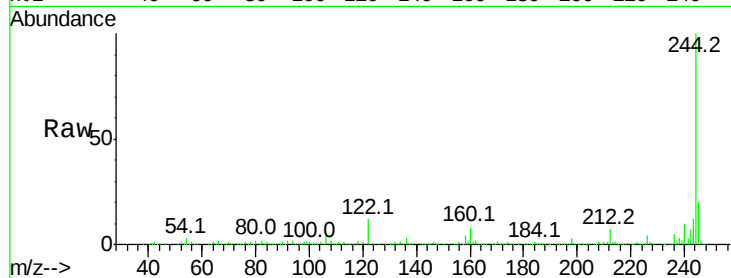
Tot Ion:244 Resp: 1187105

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

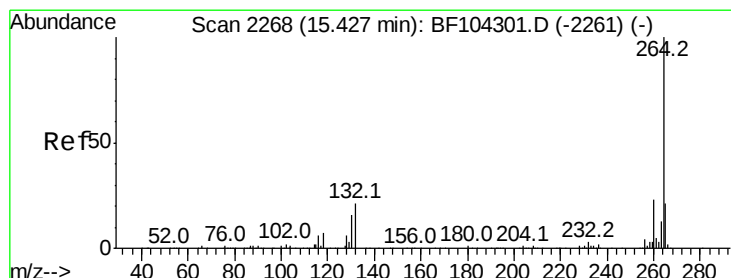
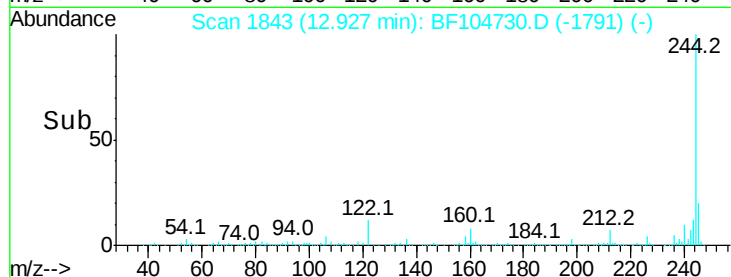
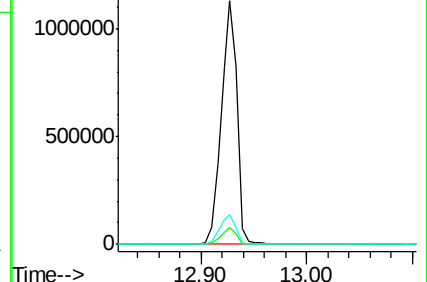
122 12.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF104730.D

Acq: 24 Apr 2018 2:34

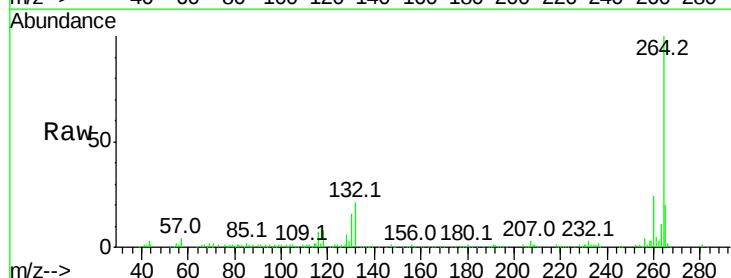
Tgt Ion:264 Resp: 167660

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.2 17.5 26.3



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

