

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101646.D
 Acq On : 22 Dec 2017 10:16
 Operator : SJ/JU
 Sample : I7008-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 11:12:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

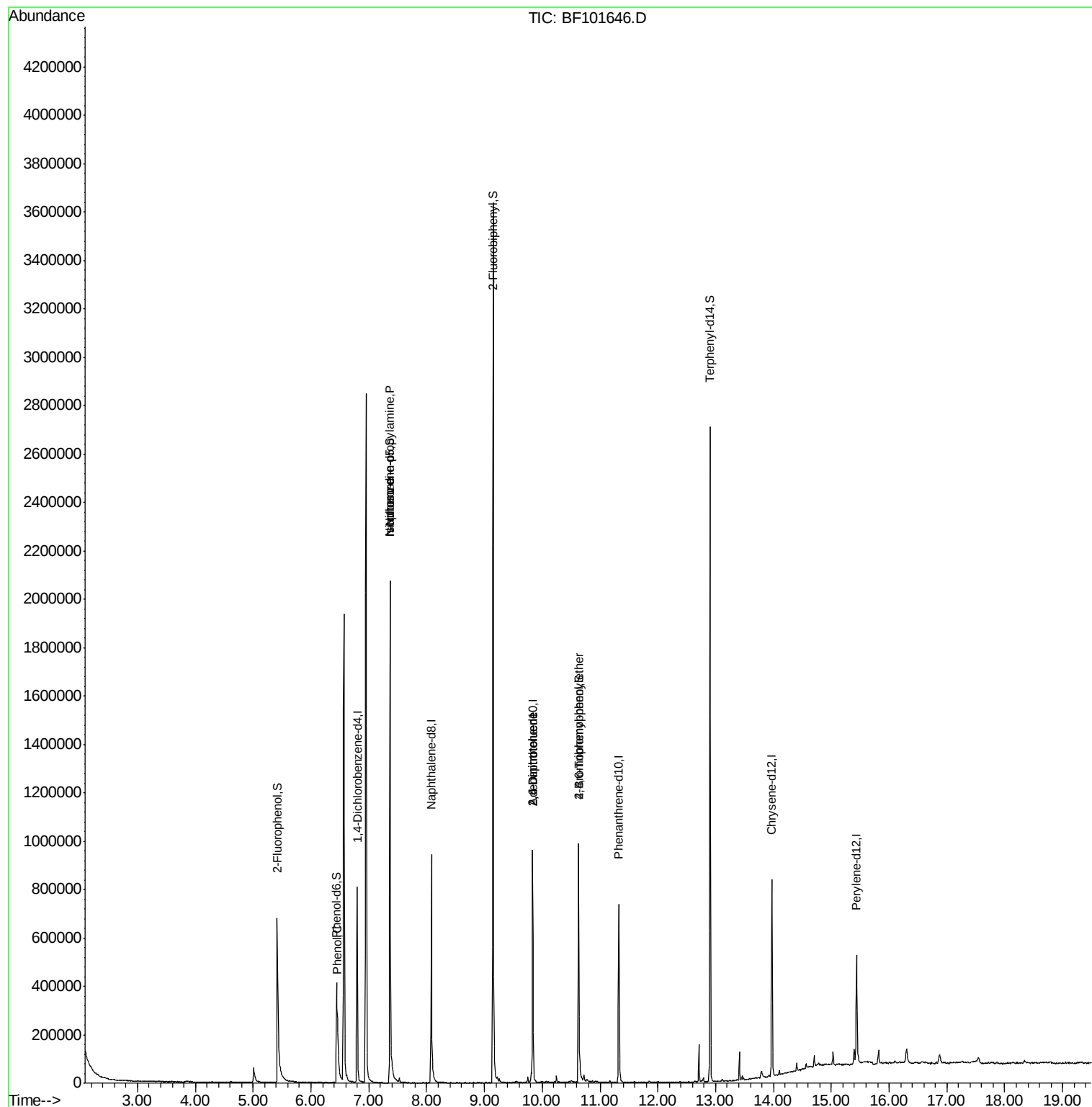
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139594	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	517122	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	194993	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	303383	20.00	ng	0.00
75) Chrysene-d12	13.97	240	303024	20.00	ng	0.00
86) Perylene-d12	15.44	264	237060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	332857	35.52	ng	0.00
7) Phenol-d6	6.44	99	252103	21.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	775103	83.44	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127964	68.11	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1224563	97.42	ng	0.00
78) Terphenyl-d14	12.90	244	902803	71.82	ng	0.00
Target Compounds						
10) Phenol	6.46	94	27953	2.103	ng	# 74
19) n-Nitroso-di-n-propylamine	7.37	70	102445	13.375	ng	# 81
25) Isophorone	7.37	82	775103	41.592	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	24450	7.670	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	24450	6.808	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	8020	2.353	ng	# 1

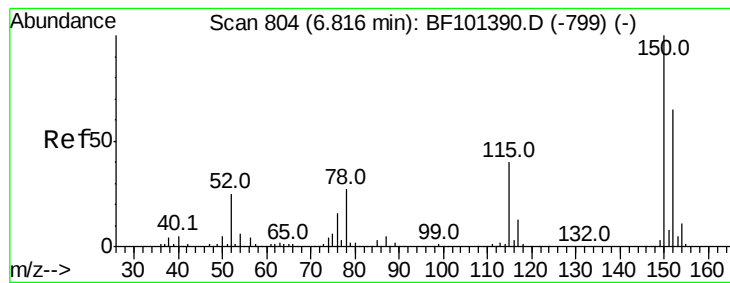
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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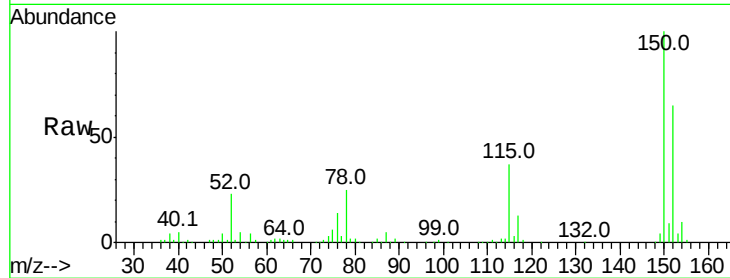


#1

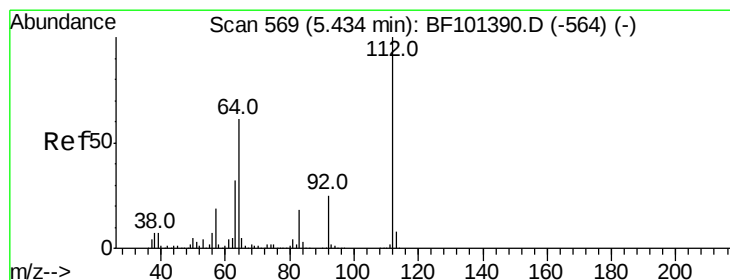
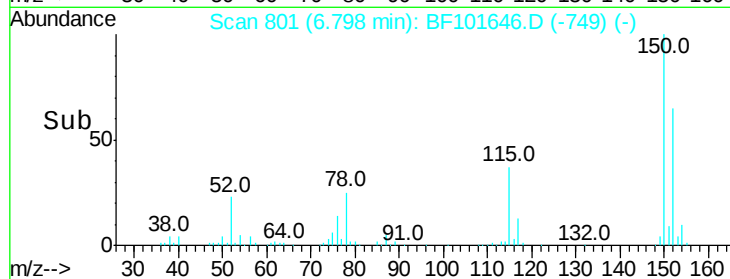
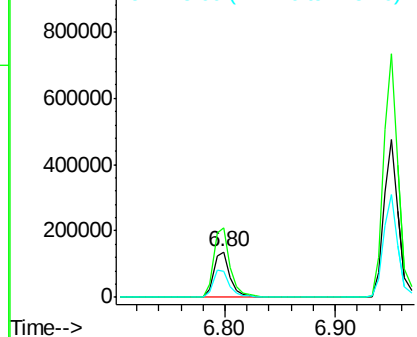
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139594
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 57.4 50.1 75.1



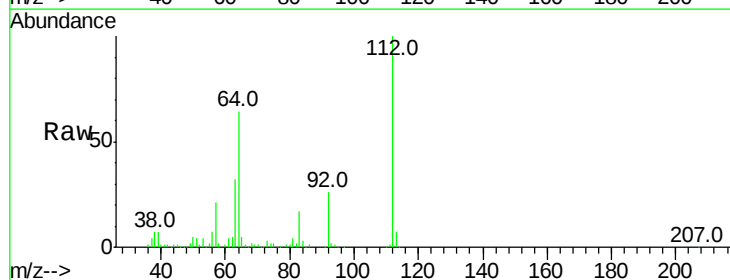
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



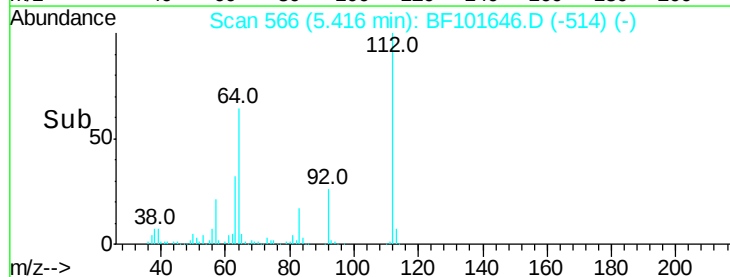
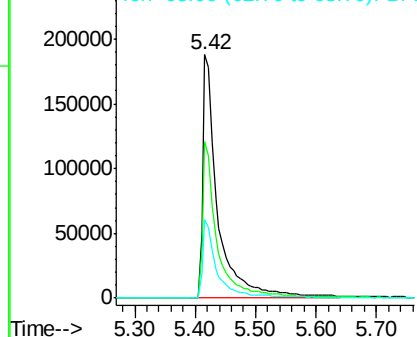
#5

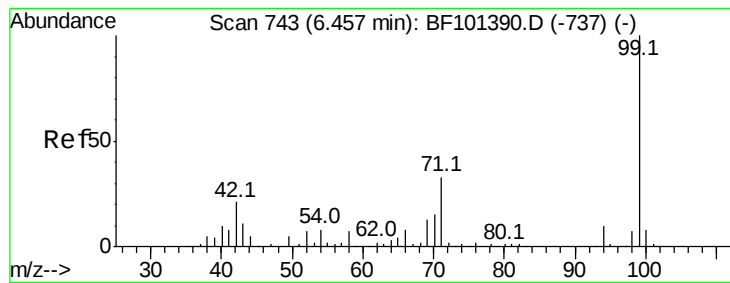
2-Fluorophenol
Concen: 35.518 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Tgt Ion:112 Resp: 332857
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 32.4 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: 21.616 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

Instrument :

BNA_F

ClientSampleId :

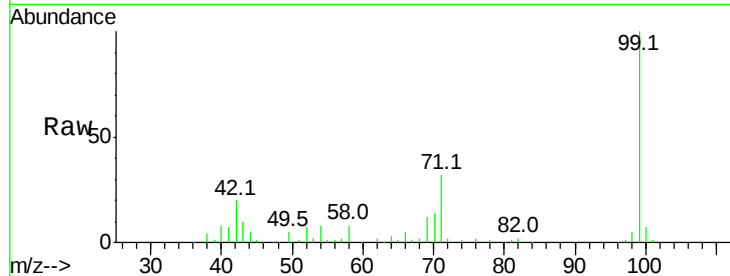
Tot Ion: 99 Resp: 252103

Ion Ratio Lower Upper

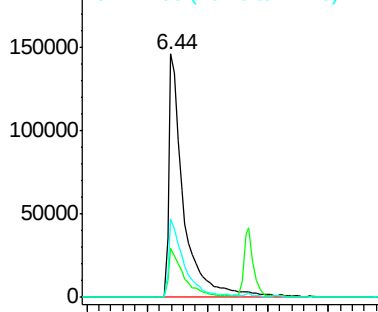
99 100

42 20.1 14.5 21.7

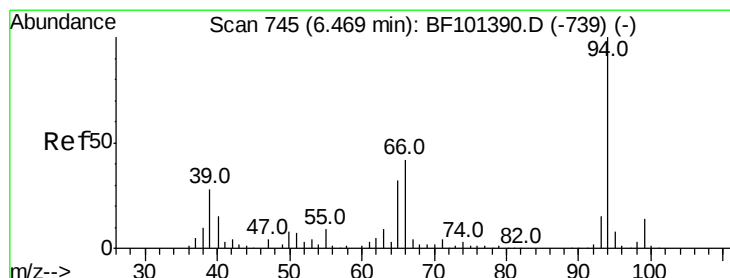
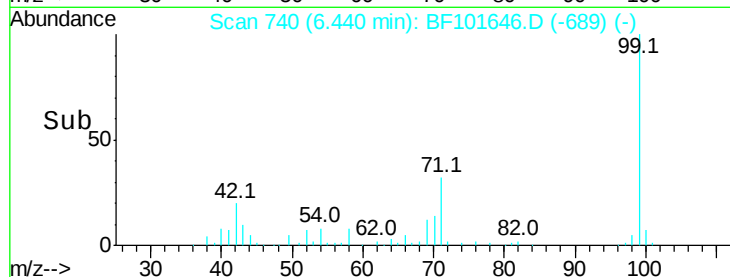
71 32.2 25.4 38.0



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



Time--> 6.30 6.40 6.50 6.60 6.70



#10

Phenol

Concen: 2.103 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

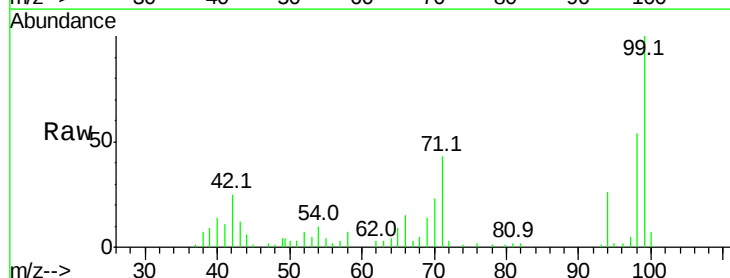
Tgt Ion: 94 Resp: 27953

Ion Ratio Lower Upper

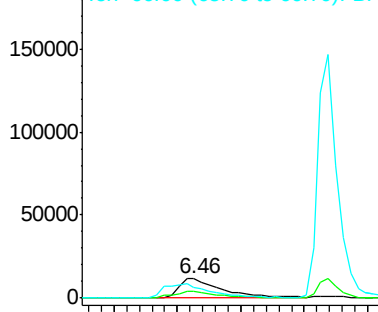
94 100

65 34.7 7.9 47.9

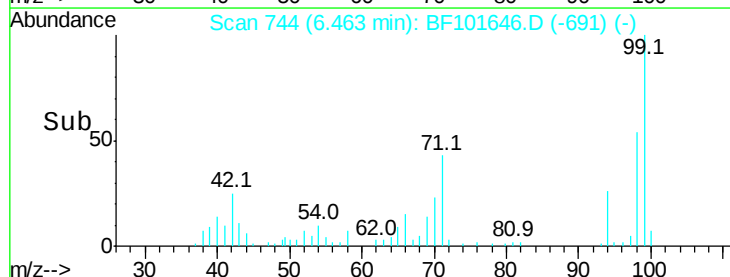
66 57.9 16.2 56.2#



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



Time--> 6.40 6.45 6.50 6.55





#19

n-Nitroso-di-n-propylamine

Concen: 13.375 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

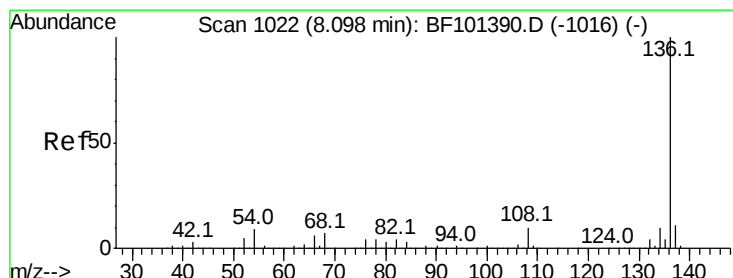
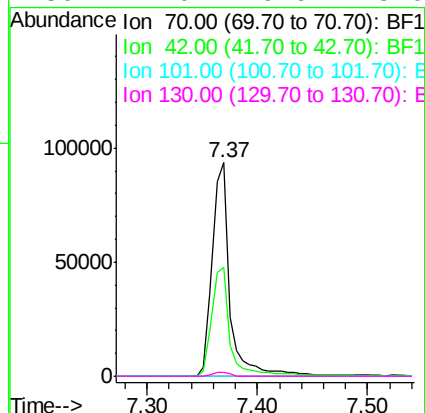
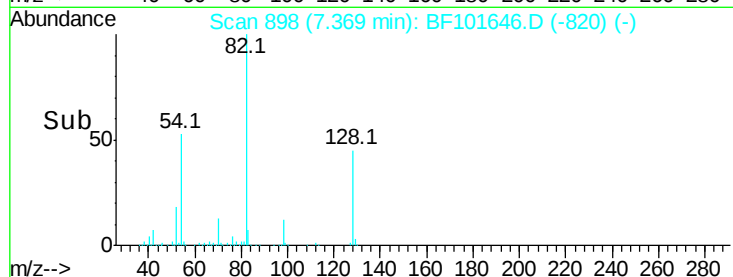
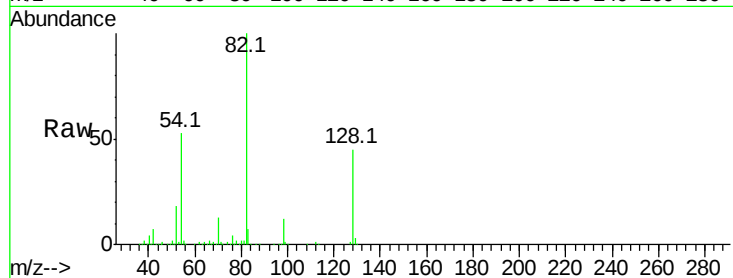
Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 102445

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

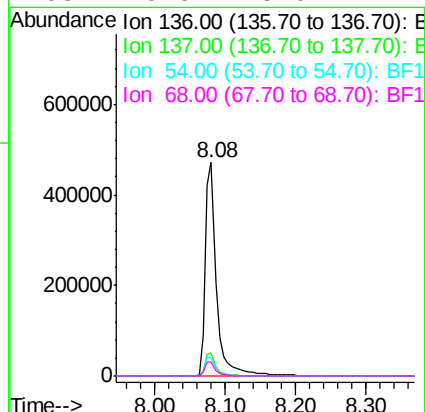
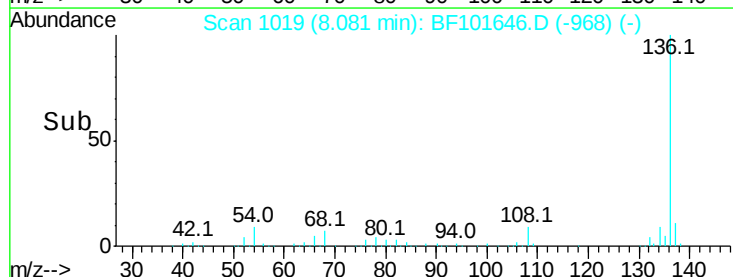
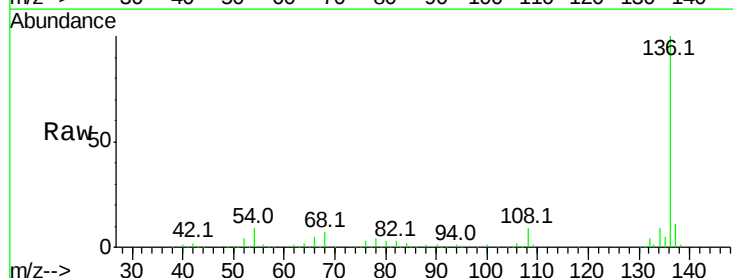
Delta R.T. 0.00 min

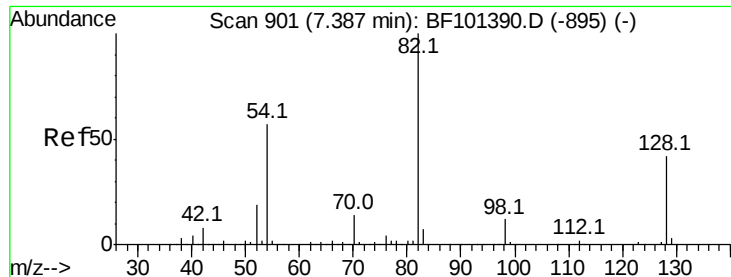
Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

Tgt Ion: 136 Resp: 517122

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.6	5.0	7.4

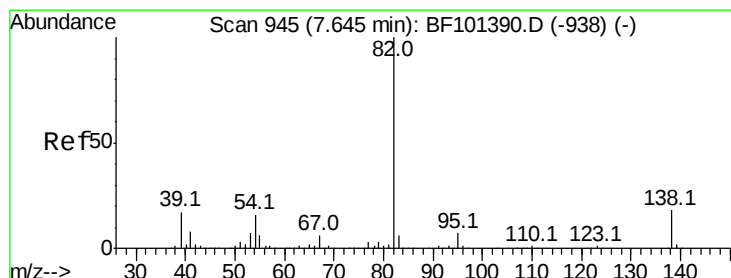
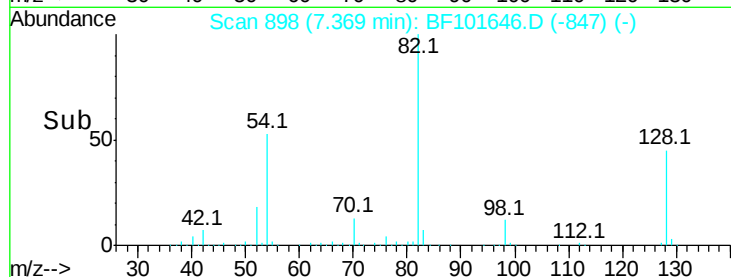
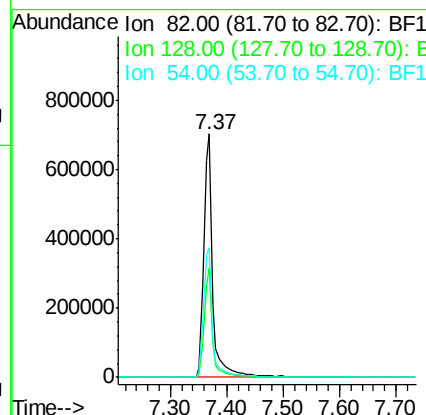
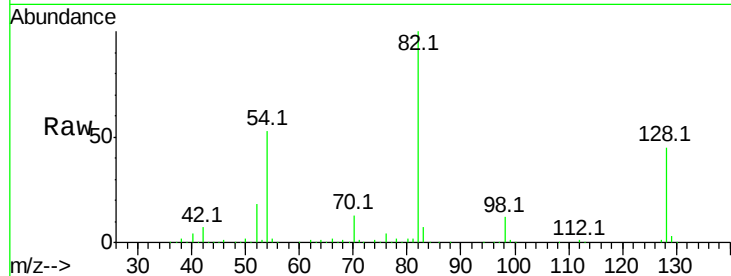




#23
Nitrobenzene-d5
Concen: 83.436 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

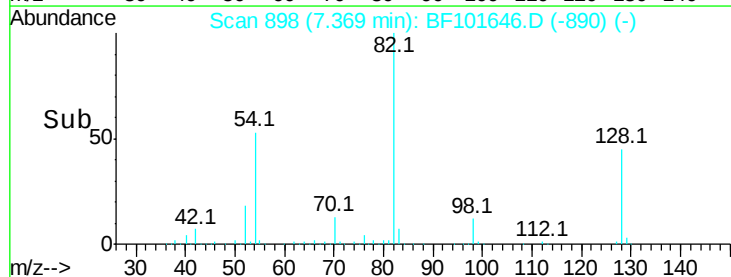
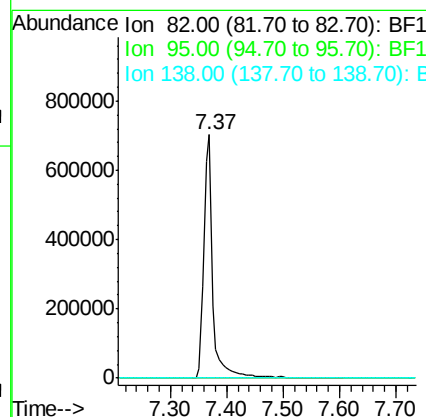
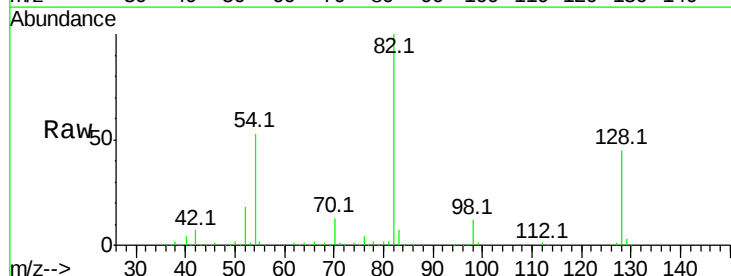
Instrument :
BNA_F
ClientSampled :

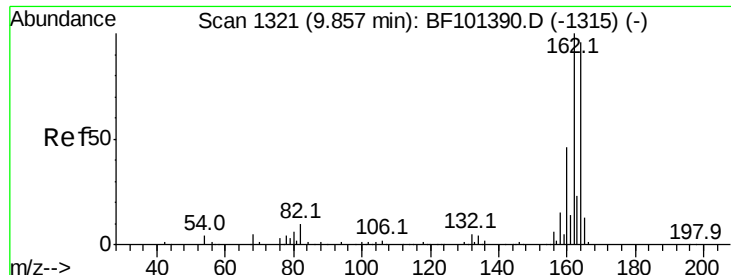
Tot Ion: 82 Resp: 775103
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 53.4 41.4 62.2



#25
Isophorone
Concen: 41.592 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Tgt Ion: 82 Resp: 775103
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

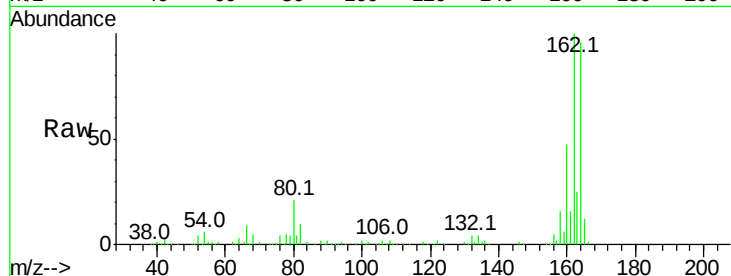




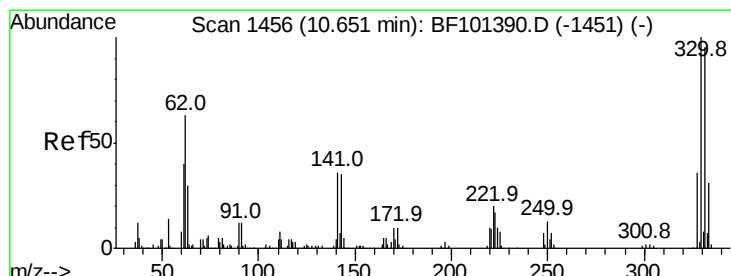
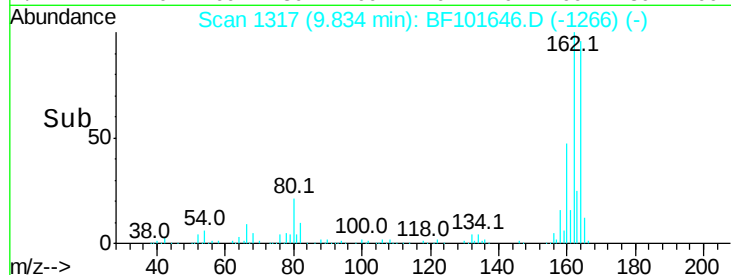
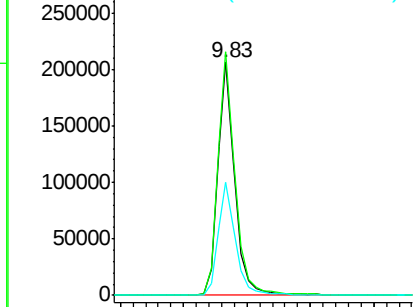
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101646.D
 Acq: 22 Dec 2017 10:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.7	38.3	57.5

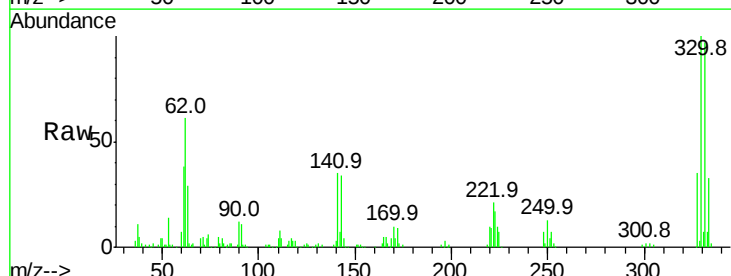


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

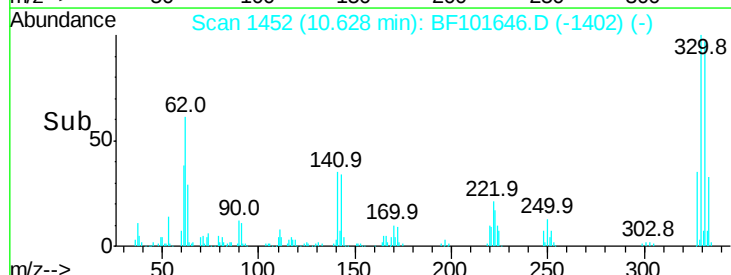
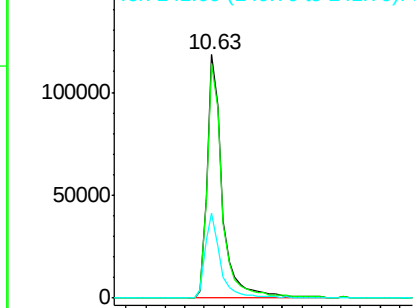


#41
 2,4,6-Tribromophenol
 Concen: 68.105 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101646.D
 Acq: 22 Dec 2017 10:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	35.3	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



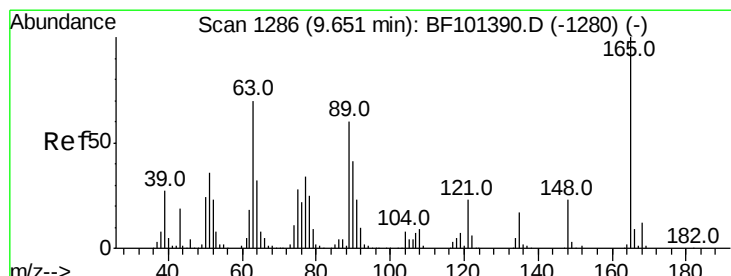
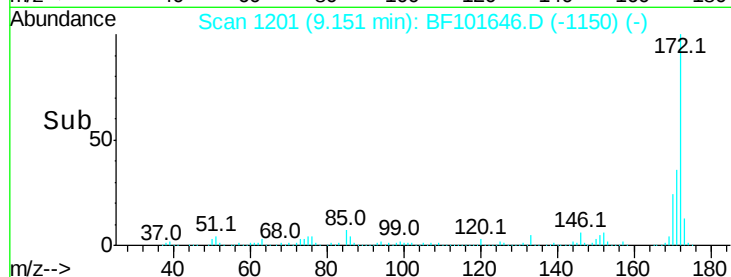
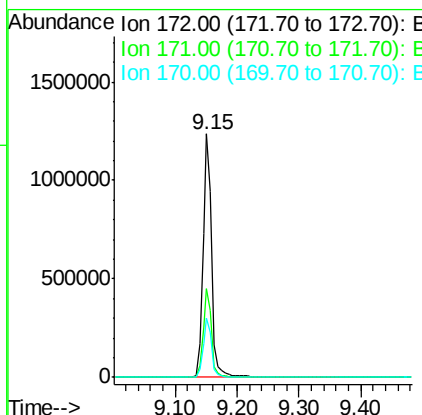
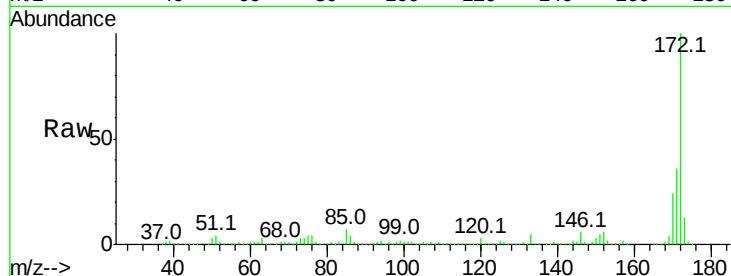


#44
 2-Fluorobiphenyl
 Concen: 97.419 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101646.D
 Acq: 22 Dec 2017 10:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1224563

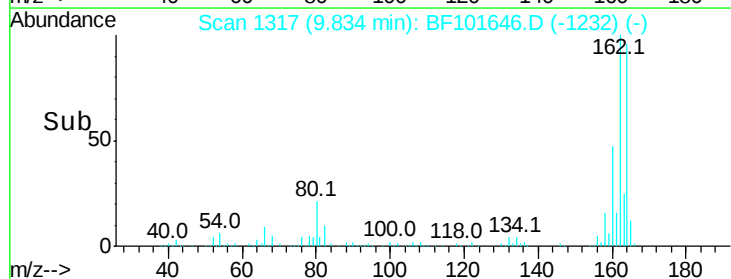
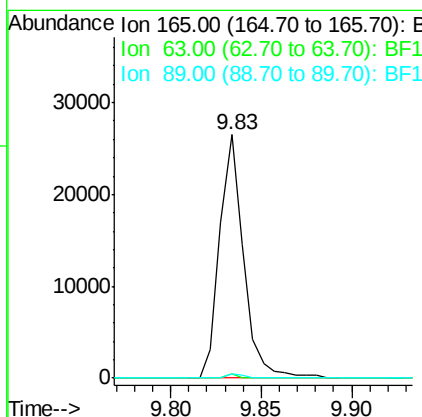
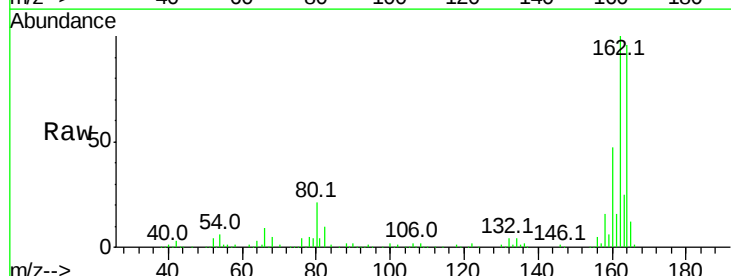
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

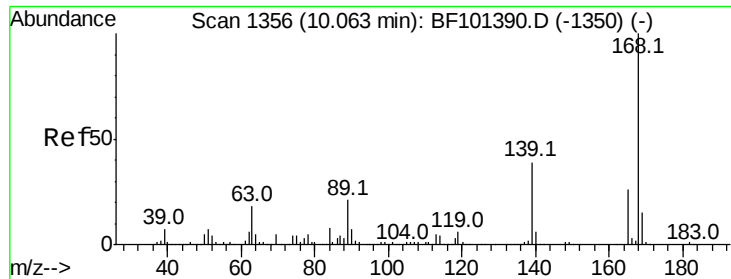


#50
 2,6-Dinitrotoluene
 Concen: 7.670 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101646.D
 Acq: 22 Dec 2017 10:16

Tgt Ion:165 Resp: 24450

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#

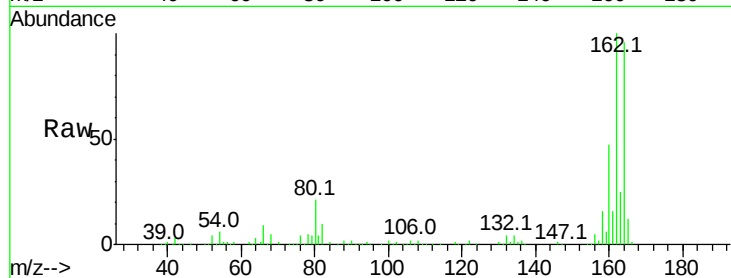




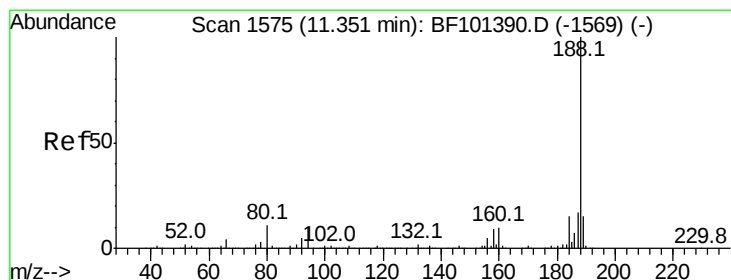
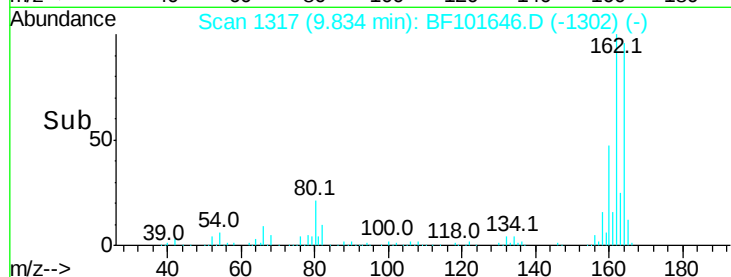
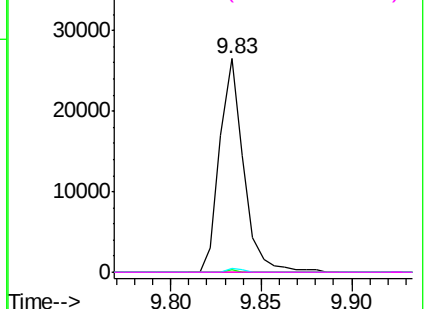
#56
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 24450
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 2.0 57.8 86.6#
182 0.0 1.6 2.4#

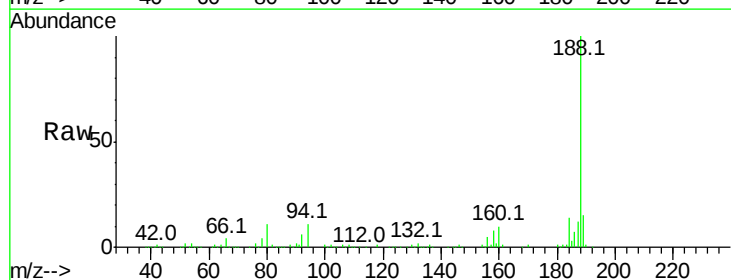


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

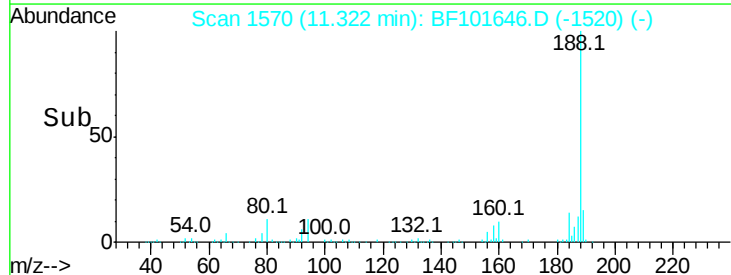
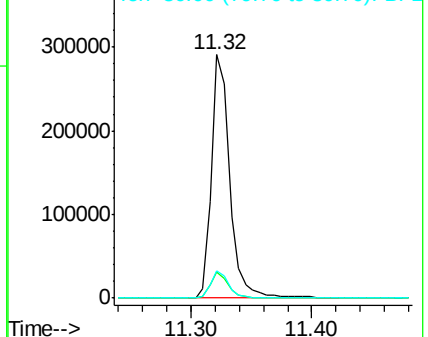


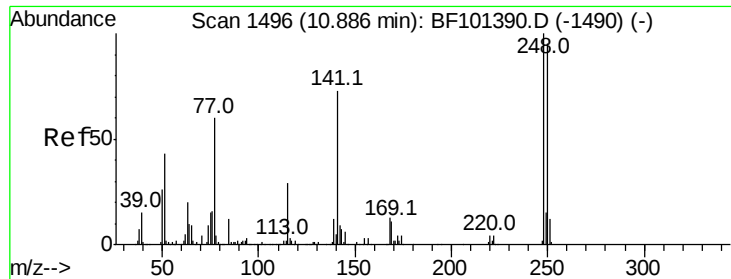
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101646.D
Acq: 22 Dec 2017 10:16

Tgt Ion:188 Resp: 303383
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.4 9.2 13.8



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

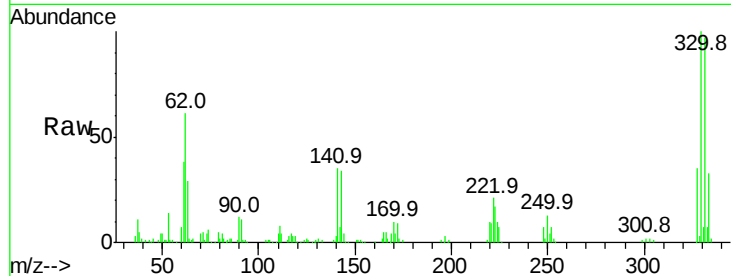




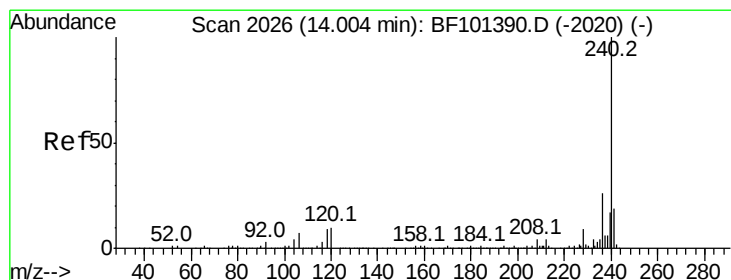
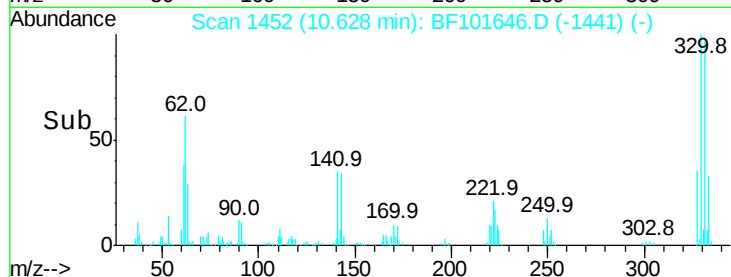
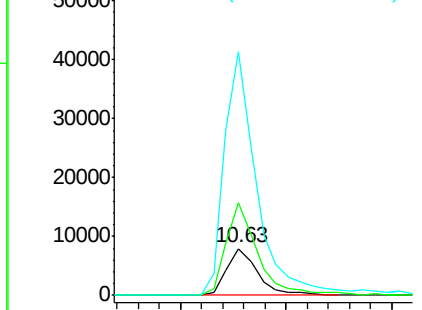
#66
 4-Bromophenyl-phenylether
 Concen: 2.353 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101646.D
 Acq: 22 Dec 2017 10:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8020
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.9 115.3#
 141 522.9 74.4 111.6#

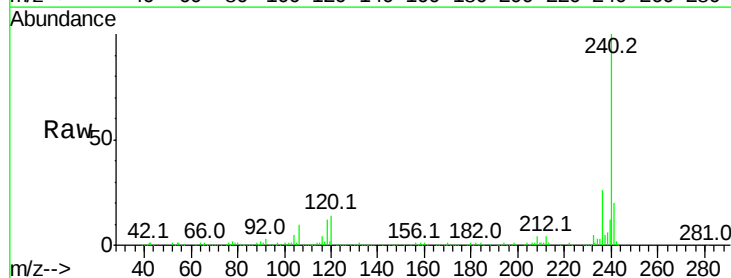


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

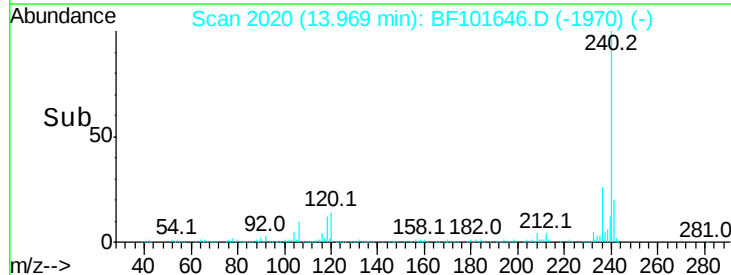
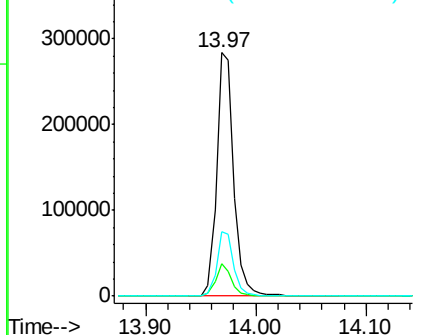


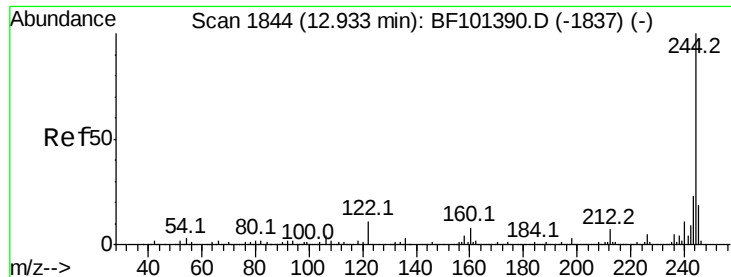
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101646.D
 Acq: 22 Dec 2017 10:16

Tgt Ion:240 Resp: 303024
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 26.4 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: 71.824 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

Instrument :

BNA_F

ClientSampled :

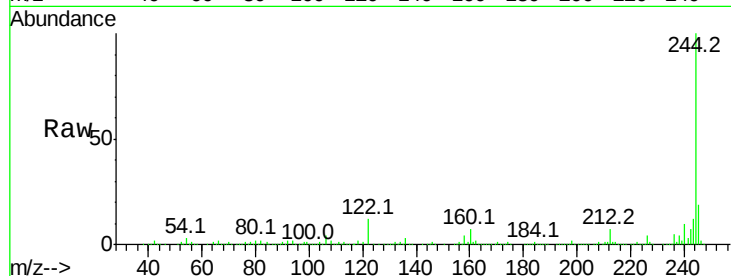
Tot Ion:244 Resp: 902803

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

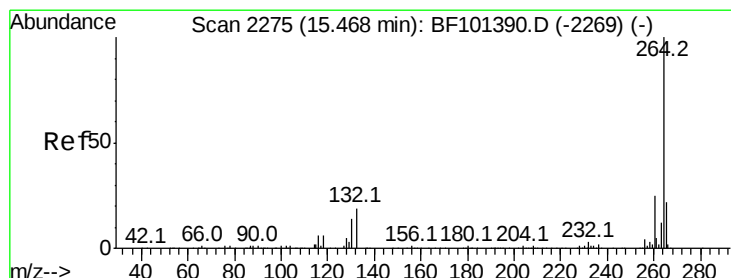
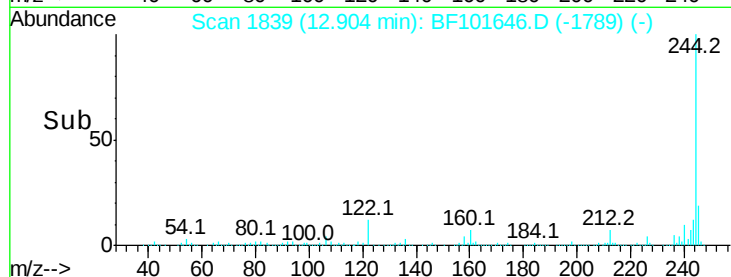
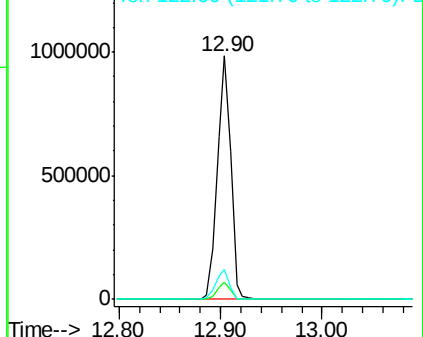
122 12.1 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101646.D

Acq: 22 Dec 2017 10:16

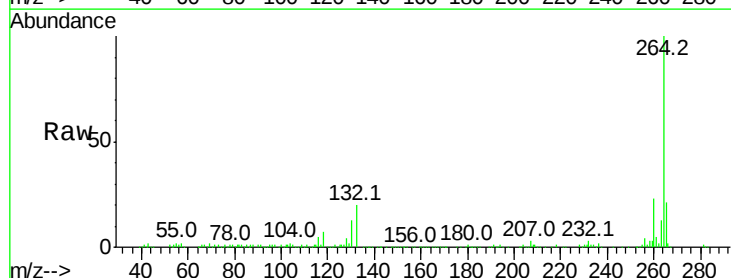
Tgt Ion:264 Resp: 237060

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

