

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101441.D
 Acq On : 15 Dec 2017 14:30
 Operator : SJ/JU
 Sample : PB104983BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 17:37:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

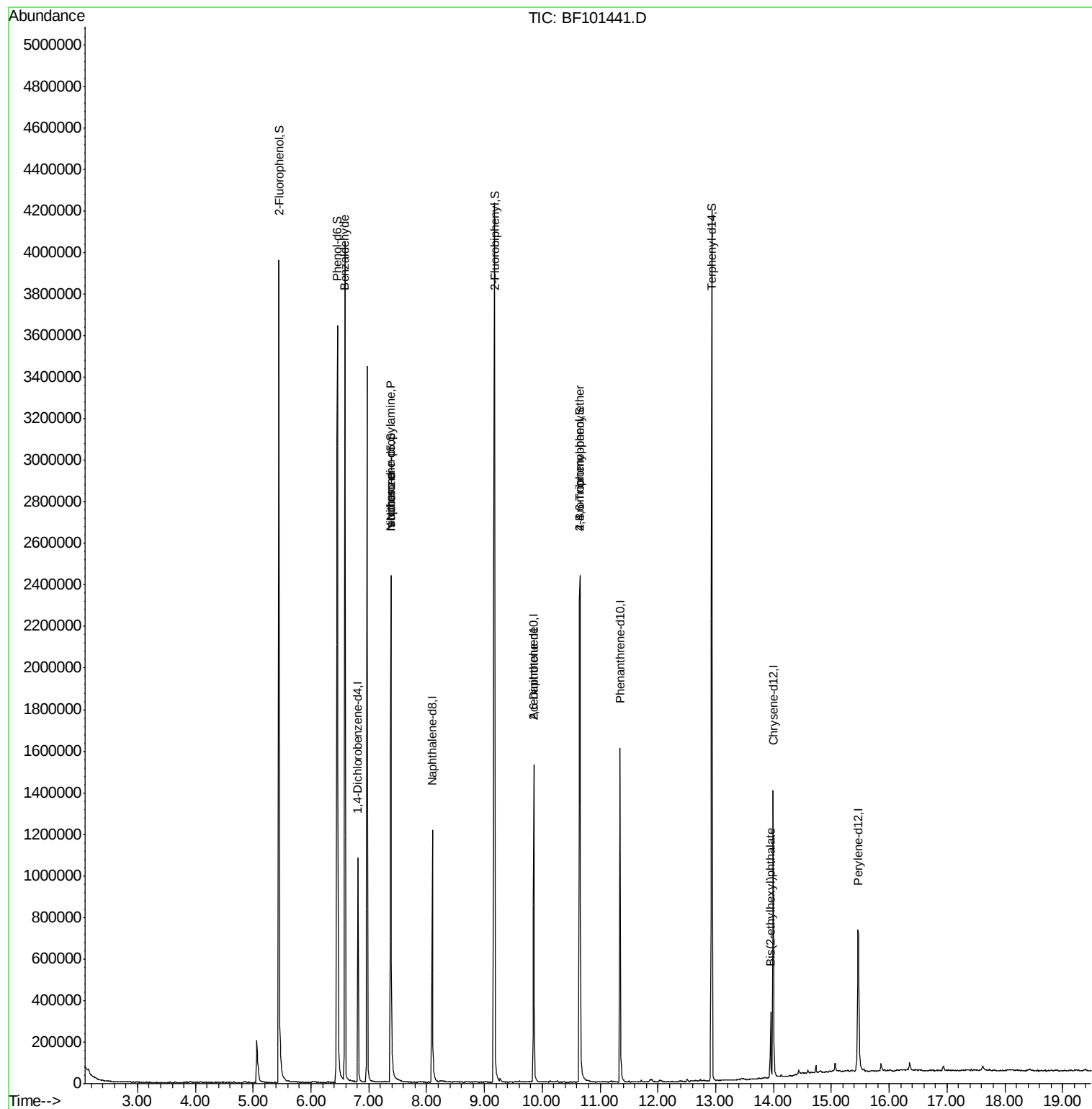
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171203	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	702157	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	323436	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	648040	20.00	ng	0.00
75) Chrysene-d12	13.99	240	548010	20.00	ng	0.00
86) Perylene-d12	15.46	264	407111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1258165	109.47	ng	0.02
7) Phenol-d6	6.46	99	1552483	108.54	ng	0.00
23) Nitrobenzene-d5	7.38	82	1027405	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	386843	124.13	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1702697	81.66	ng	0.00
78) Terphenyl-d14	12.93	244	1716220	75.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	25291	2.394	ng	83
19) n-Nitroso-di-n-propylamine	7.38	70	136696	14.552	ng	# 85
25) Isophorone	7.38	82	1027399	40.602	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	42302	8.000	ng	# 25
66) 4-Bromophenyl-phenylether	10.65	248	23171	3.182	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	101726	4.316	ng	99

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

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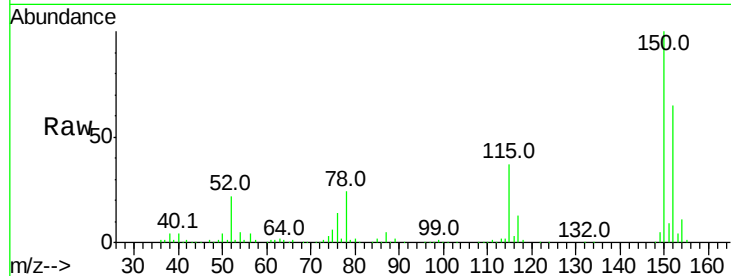


#1

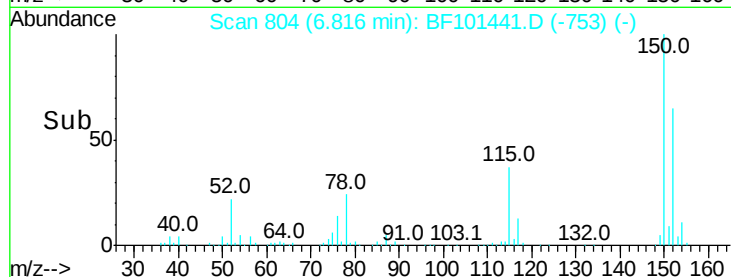
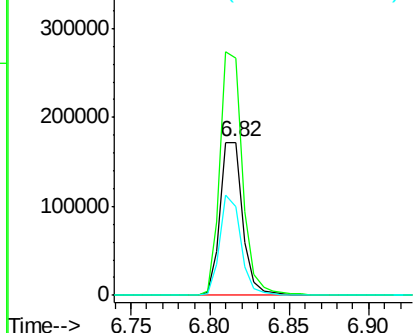
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171203
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.9 50.1 75.1



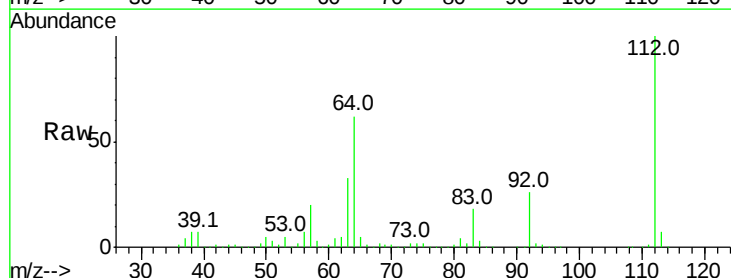
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



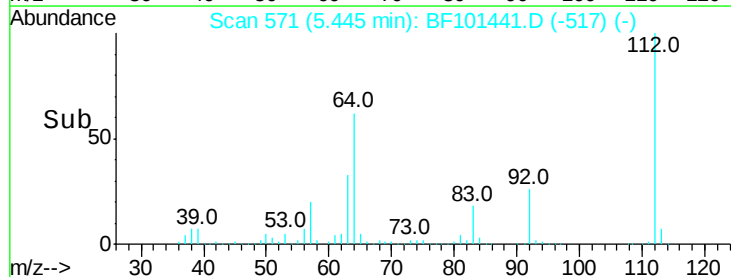
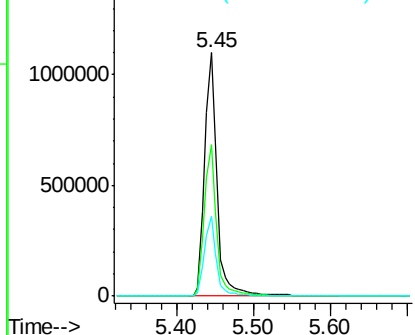
#5

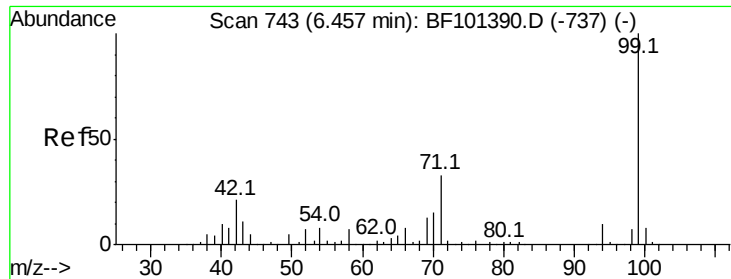
2-Fluorophenol
Concen: 109.469 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Tgt Ion:112 Resp: 1258165
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 32.7 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: 108.535 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Instrument :

BNA_F

ClientSampleId :

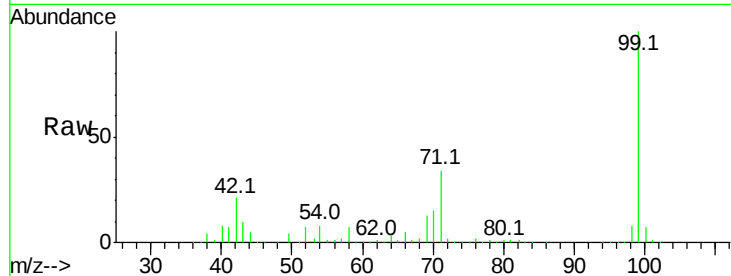
Tot Ion: 99 Resp: 1552483

Ion Ratio Lower Upper

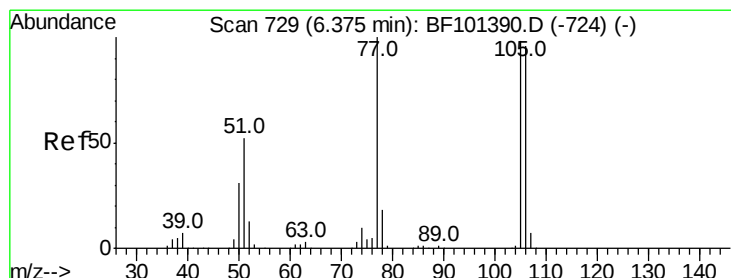
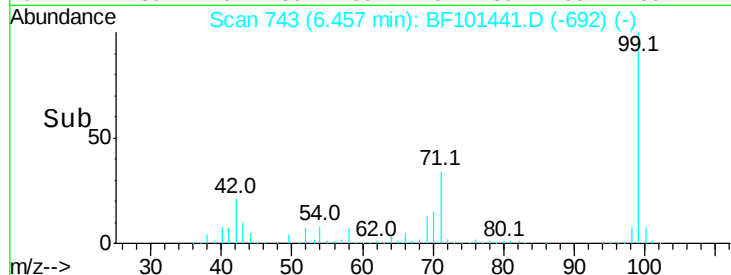
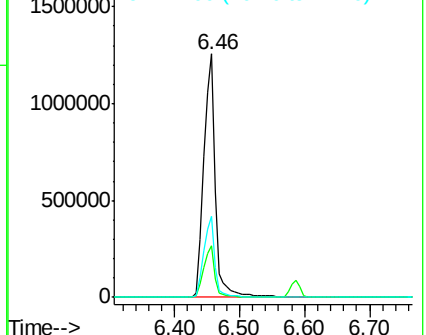
99 100

42 21.1 14.5 21.7

71 33.5 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



#9

Benzaldehyde

Concen: 2.394 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

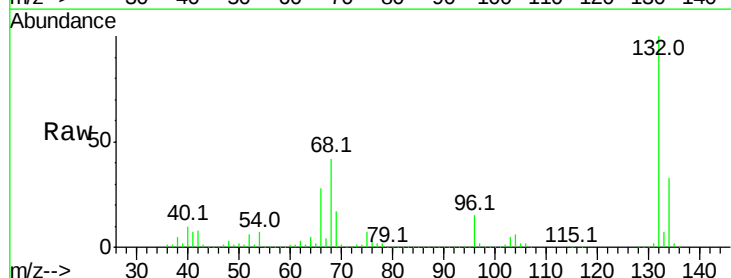
Tgt Ion: 77 Resp: 25291

Ion Ratio Lower Upper

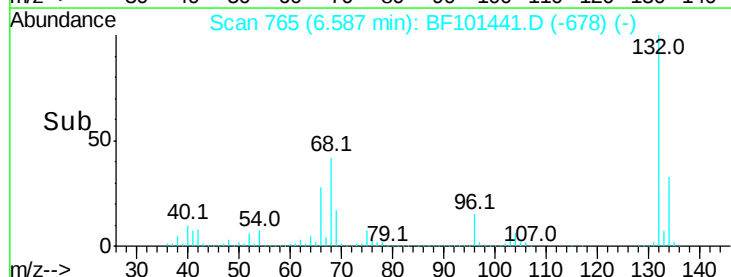
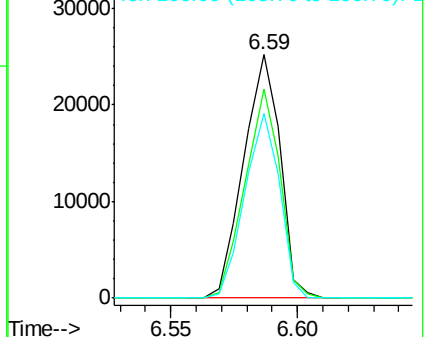
77 100

105 86.1 81.1 121.1

106 75.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

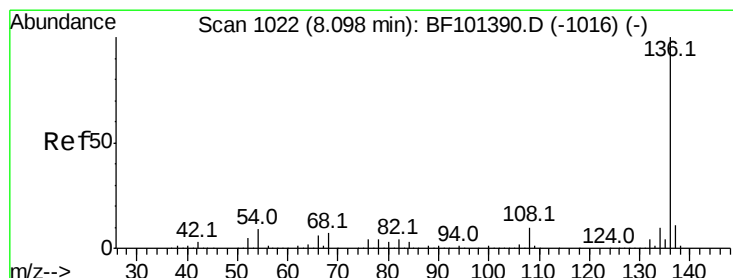
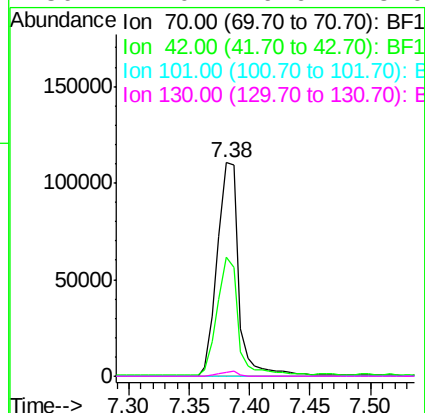
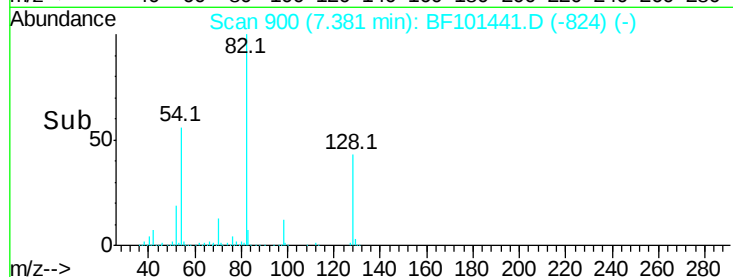
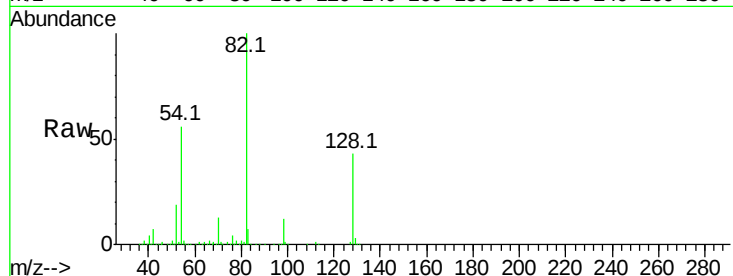




#19
n-Nitroso-di-n-propylamine
Concen: 14.552 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

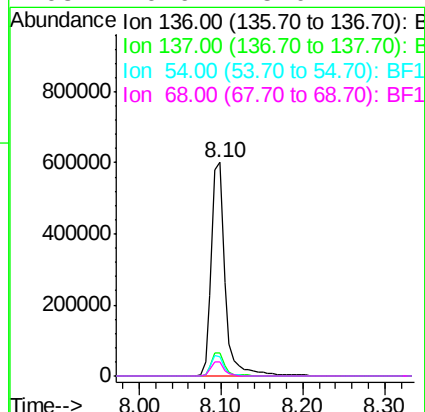
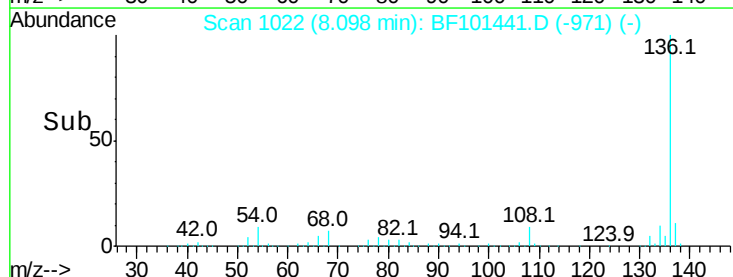
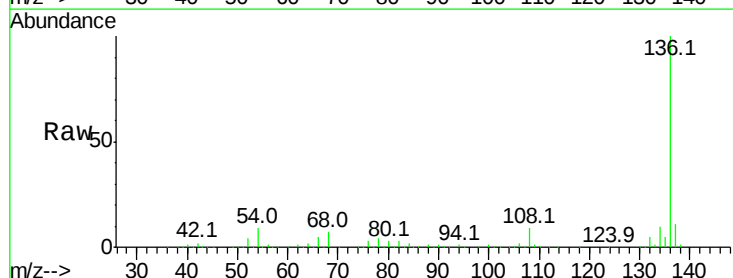
Instrument :
BNA_F
ClientSampleId :

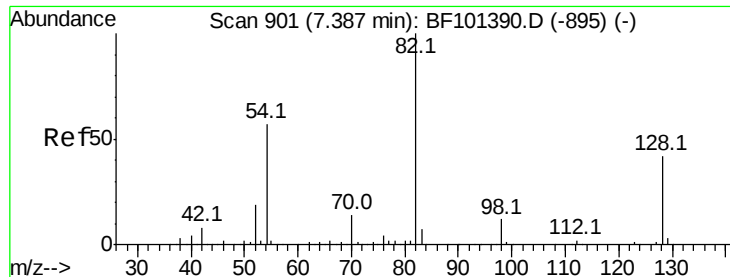
Tot Ion: 70 Resp: 136696
Ion Ratio Lower Upper
70 100
42 55.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Tgt Ion: 136 Resp: 702157
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.7 6.6 9.8
68 6.6 5.0 7.4

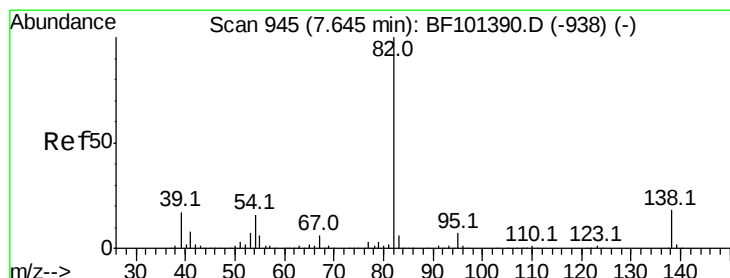
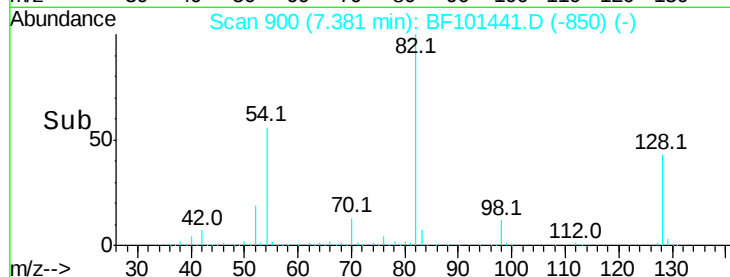
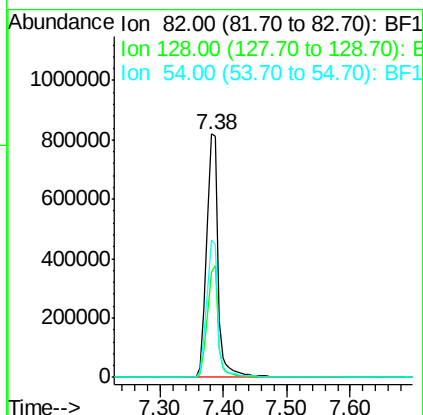
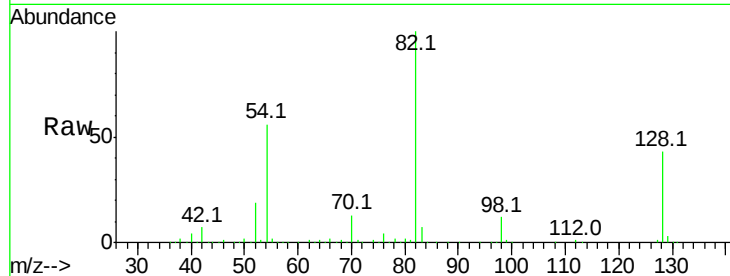




#23
Nitrobenzene-d5
Concen: 81.451 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

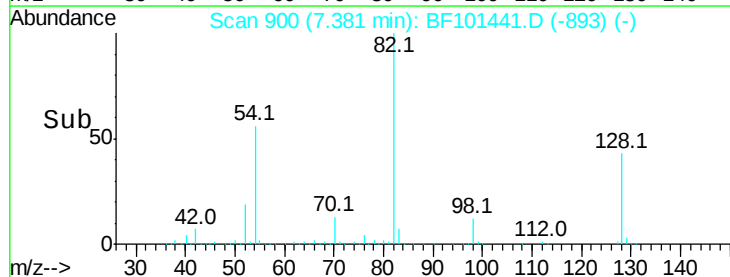
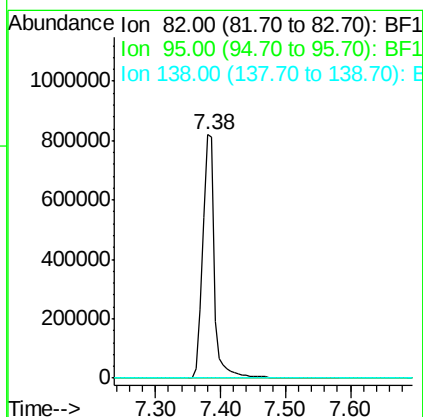
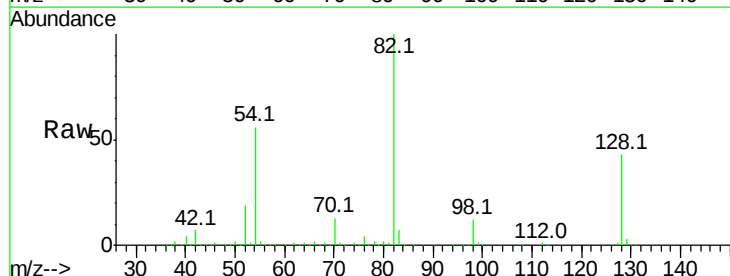
Instrument :
BNA_F
ClientSampleId :

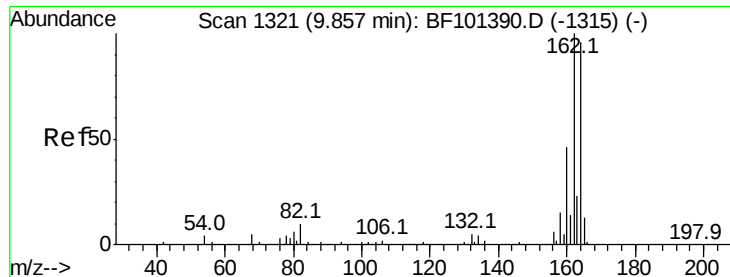
Tot Ion: 82 Resp: 1027405
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 56.4 41.4 62.2



#25
Isophorone
Concen: 40.602 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF101441.D
Acq: 15 Dec 2017 14:30

Tgt Ion: 82 Resp: 1027399
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# 1320

Delta R.T. -0.01 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Instrument :

BNA_F

ClientSampleId :

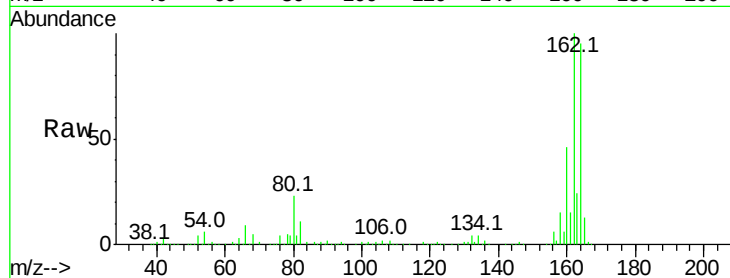
Tot Ion:164 Resp: 323436

Ion Ratio Lower Upper

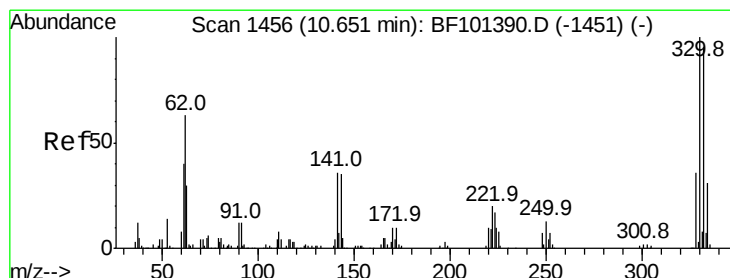
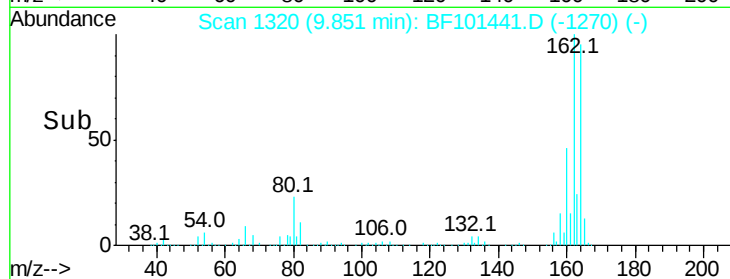
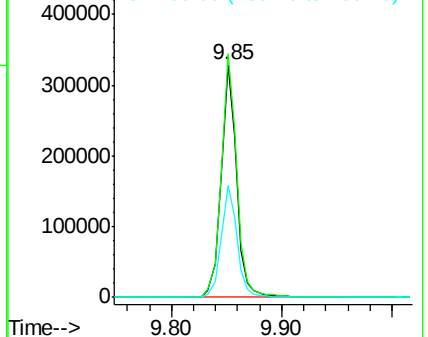
164 100

162 104.9 86.1 129.1

160 48.0 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: 124.125 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

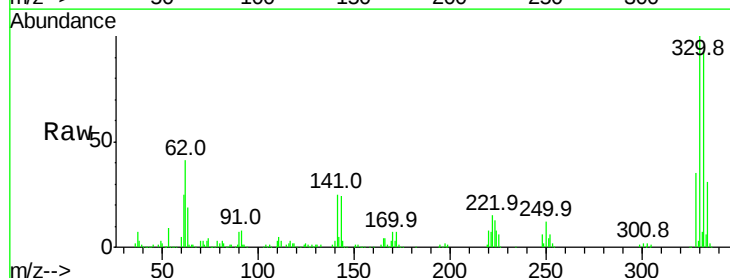
Tgt Ion:330 Resp: 386843

Ion Ratio Lower Upper

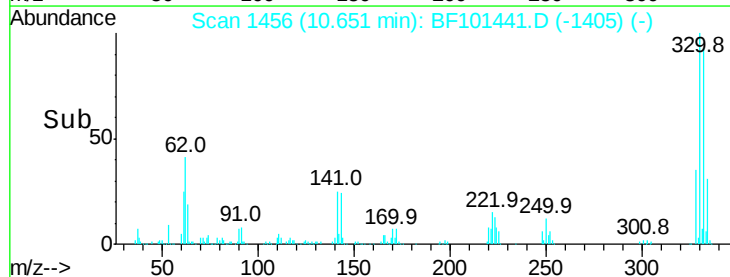
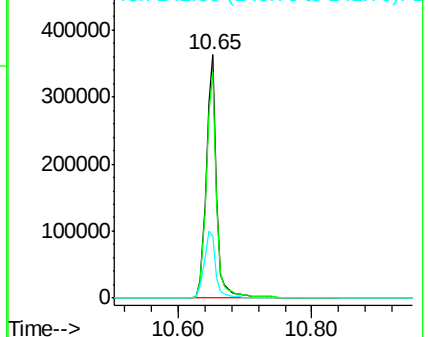
330 100

332 94.2 77.0 115.6

141 31.0 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



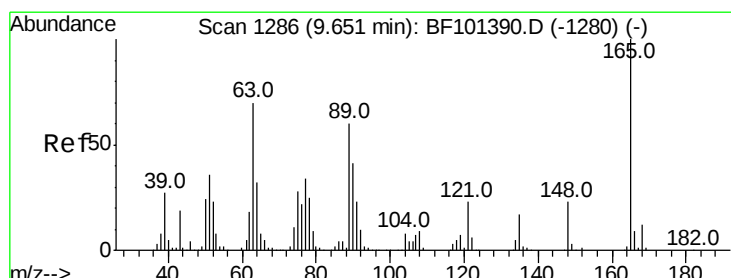
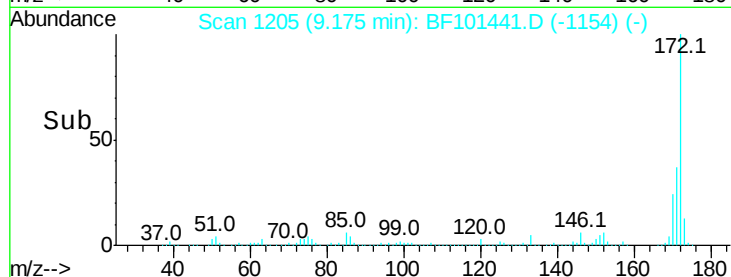
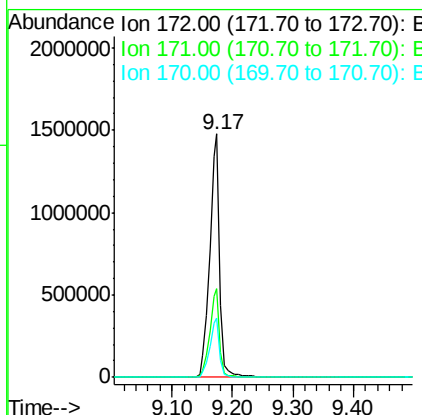
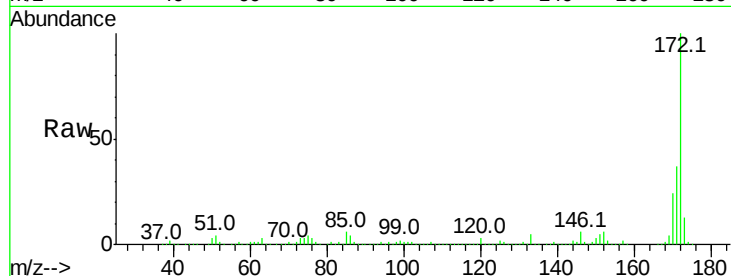


#44
 2-Fluorobiphenyl
 Concen: 81.664 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1702697

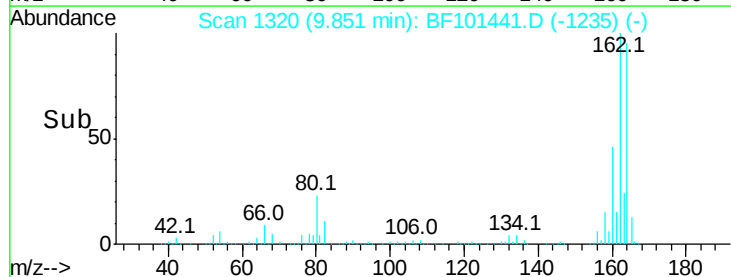
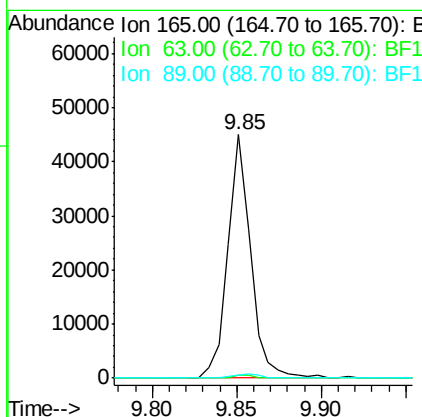
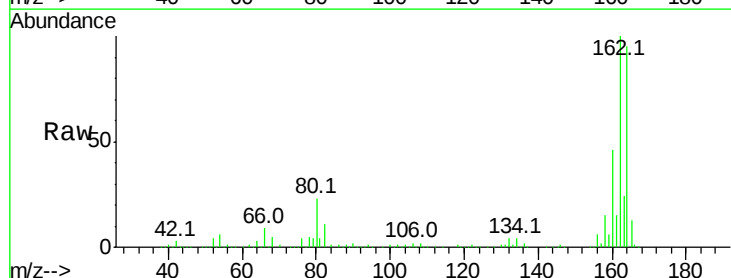
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

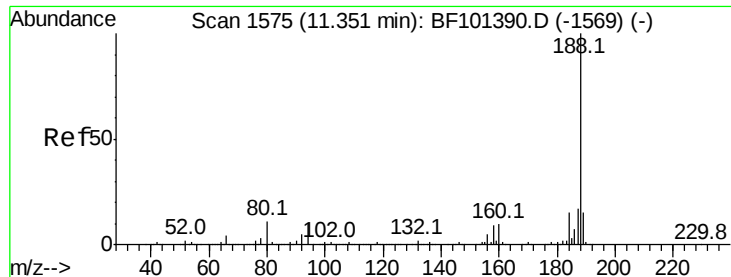


#50
 2,6-Dinitrotoluene
 Concen: 8.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.20 min
 Lab File: BF101441.D
 Acq: 15 Dec 2017 14:30

Tgt Ion:165 Resp: 42302

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Instrument :

BNA_F

ClientSampleId :

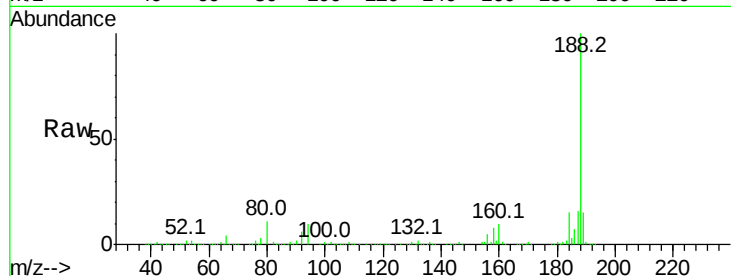
Tot Ion:188 Resp: 648040

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

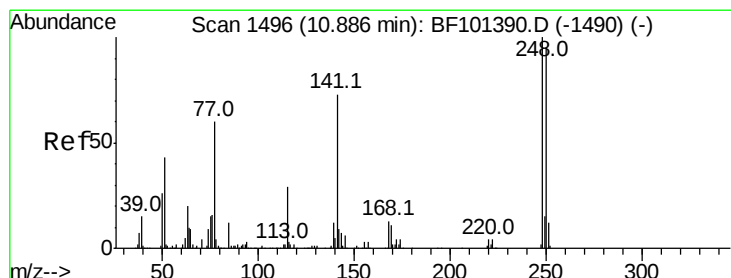
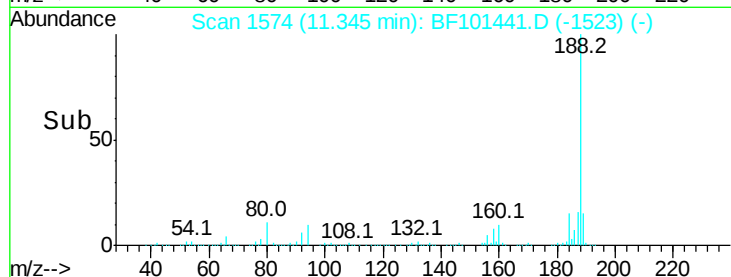
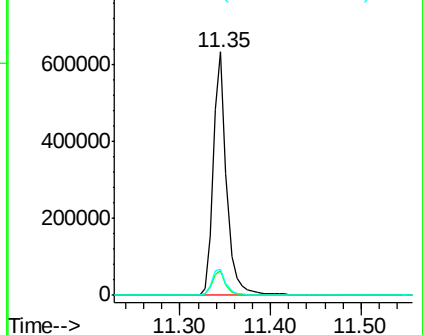
80 10.9 9.2 13.8



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: 3.182 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.24 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

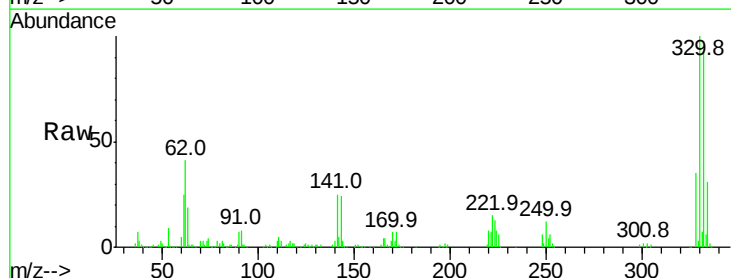
Tgt Ion:248 Resp: 23171

Ion Ratio Lower Upper

248 100

250 201.1 76.9 115.3#

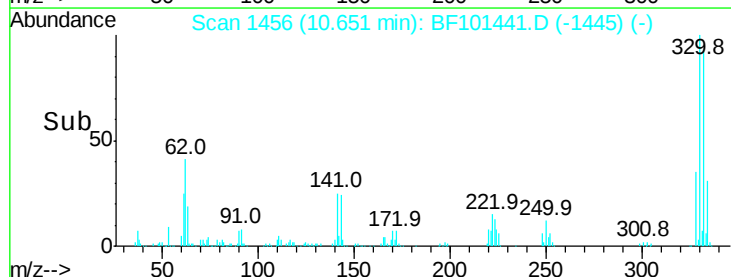
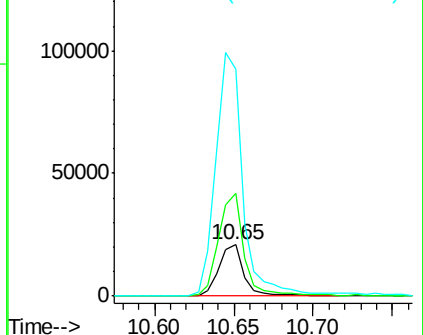
141 443.0 74.4 111.6#

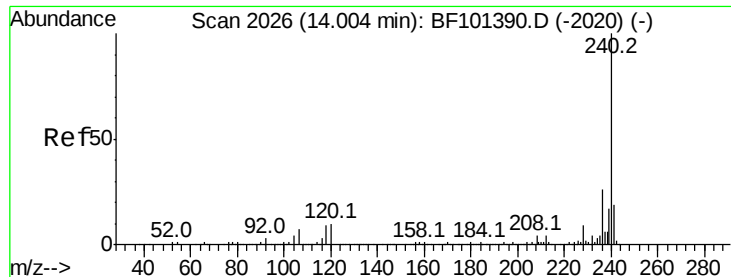


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2024

Delta R.T. -0.01 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Instrument :

BNA_F

ClientSampleId :

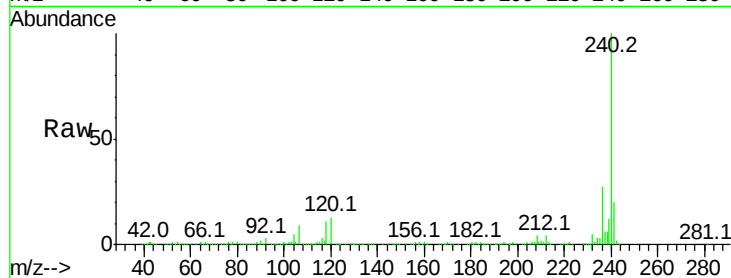
Tot Ion:240 Resp: 548010

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

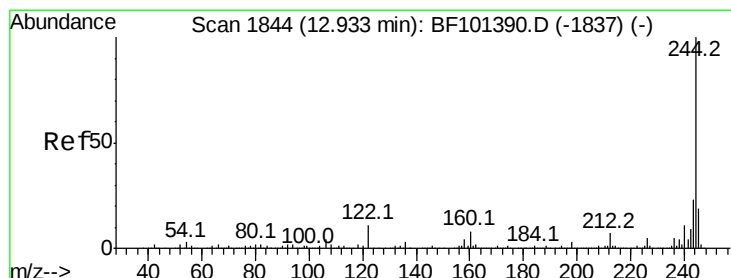
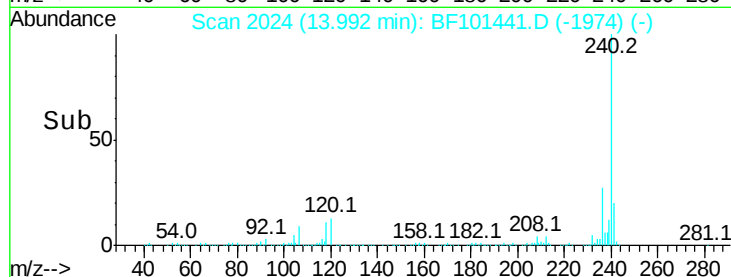
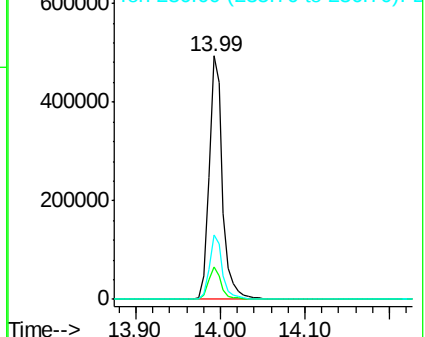
236 26.6 20.7 31.1



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: 75.499 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

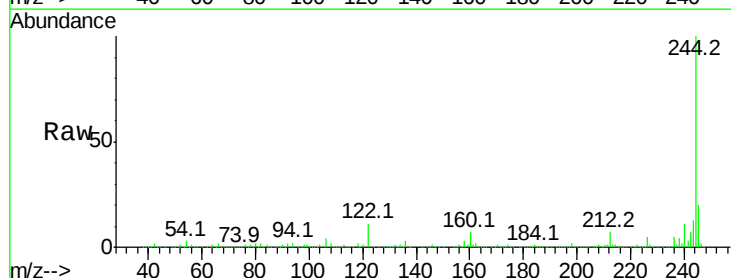
Tgt Ion:244 Resp: 1716220

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

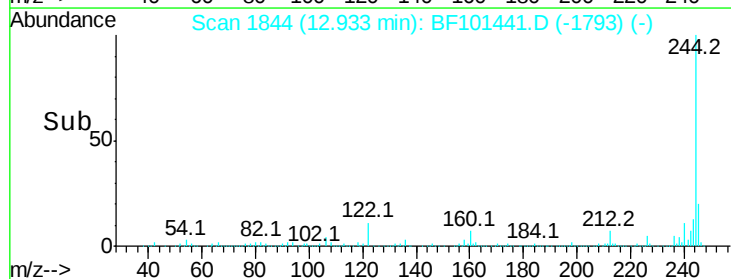
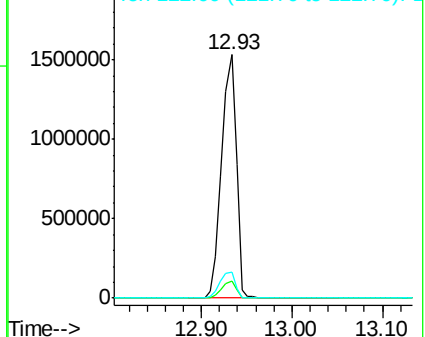
122 10.8 11.0 16.4#

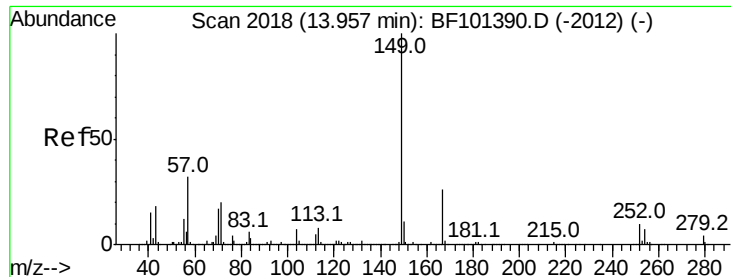


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.316 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

Instrument :

BNA_F

ClientSampleId :

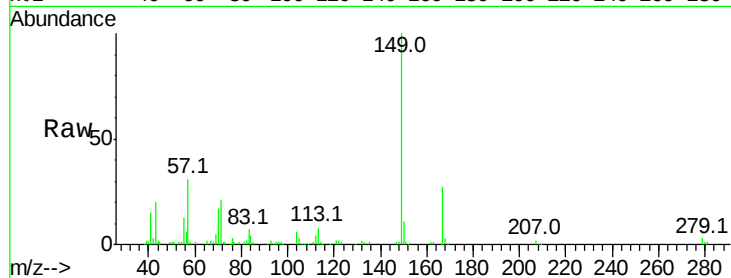
Tot Ion:149 Resp: 101726

Ion Ratio Lower Upper

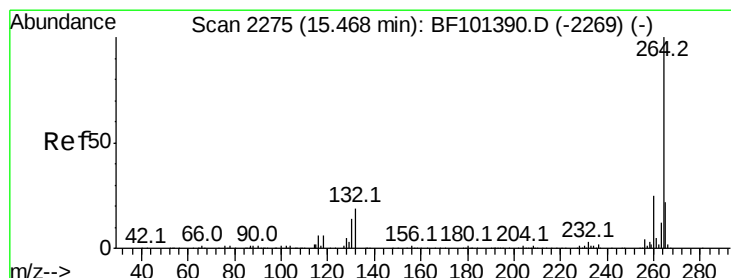
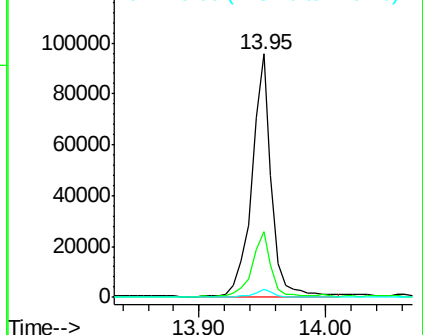
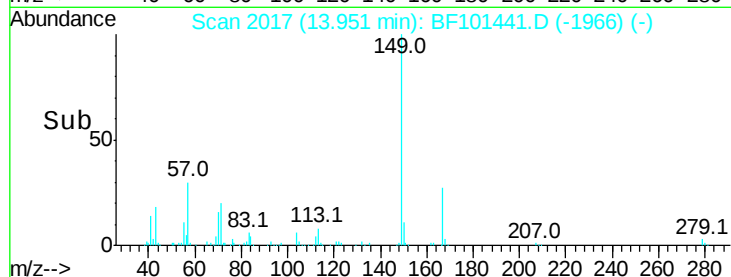
149 100

167 27.1 21.3 31.9

279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF101441.D

Acq: 15 Dec 2017 14:30

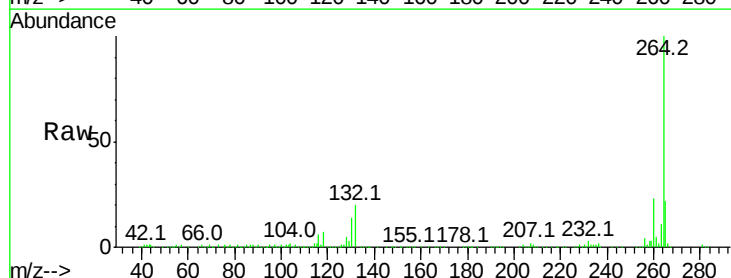
Tgt Ion:264 Resp: 407111

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 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

