

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096748.D
 Acq On : 14 Jul 2017 00:54
 Operator : SJ/JU
 Sample : I4145-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-3-4-5-COMP

Quant Time: Jul 14 05:00:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

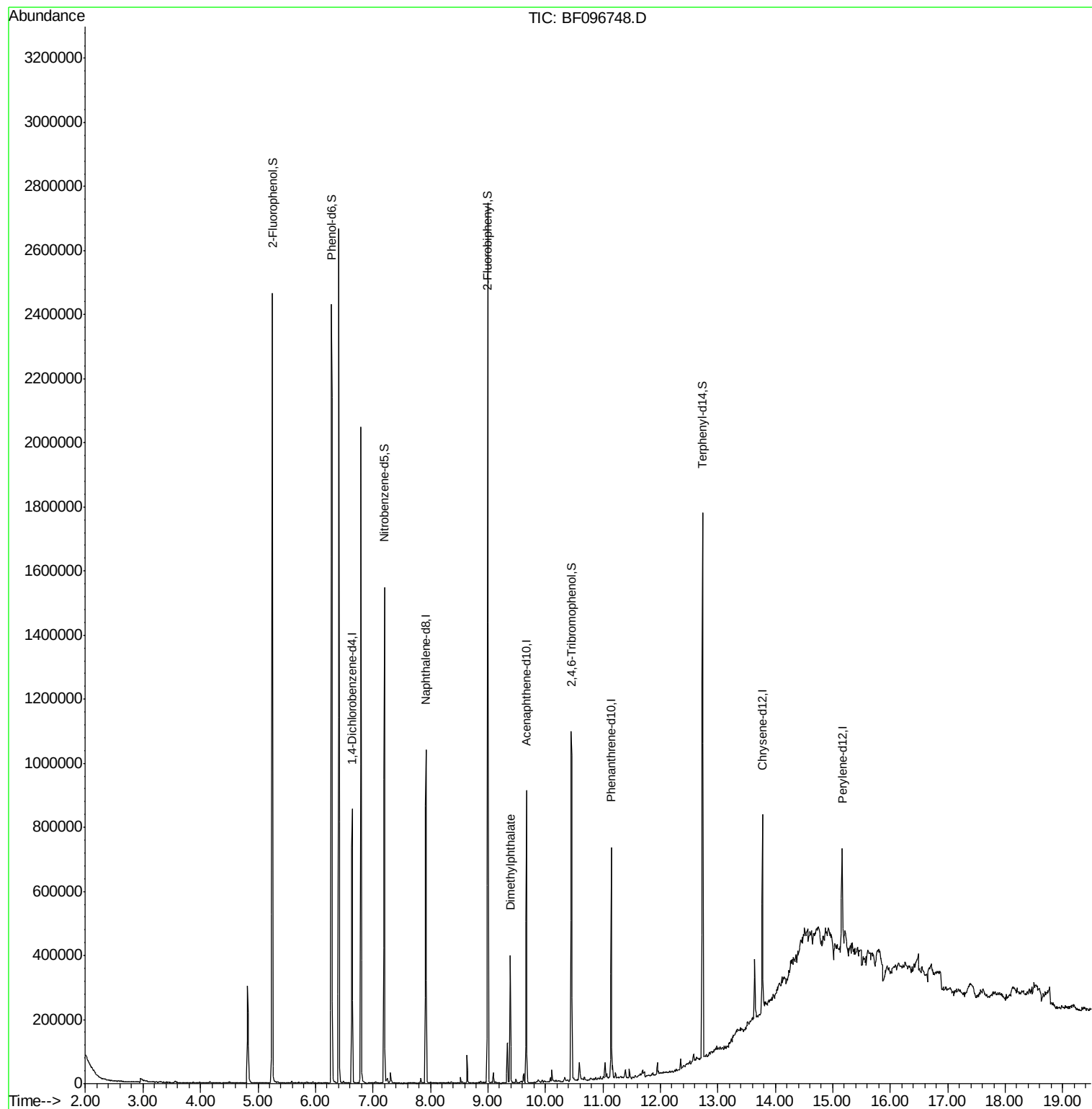
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	121468	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	451844	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	165569	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	243713	20.00	ng	0.00
75) Chrysene-d12	13.77	240	196843	20.00	ng	0.00
86) Perylene-d12	15.16	264	144421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	738496	91.41	ng	0.02
7) Phenol-d6	6.28	99	897019	92.53	ng	0.00
23) Nitrobenzene-d5	7.20	82	495525	67.93	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	121852	86.22	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	813418	77.62	ng	0.00
78) Terphenyl-d14	12.73	244	508896	44.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	149740	12.011	ng	Qvalue 98

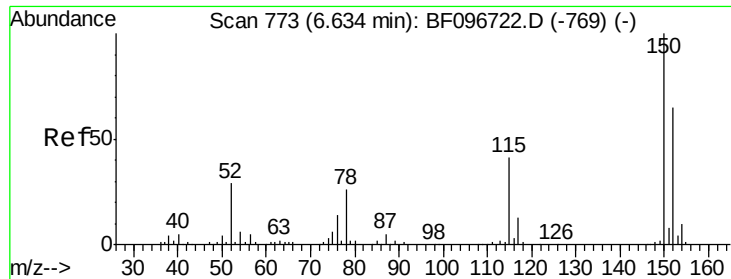
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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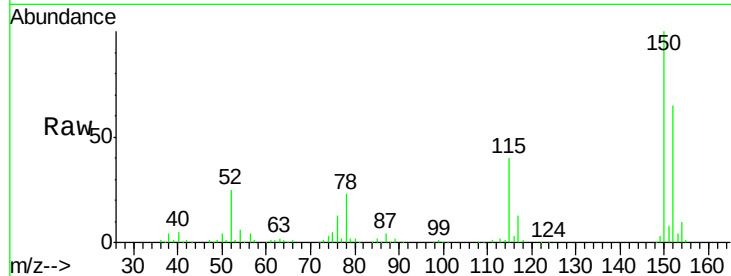




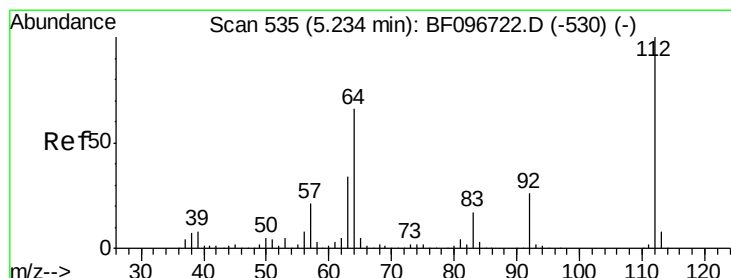
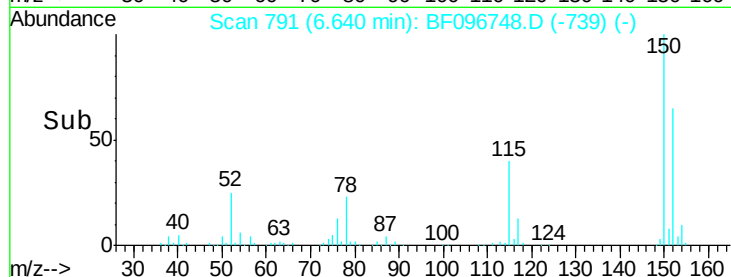
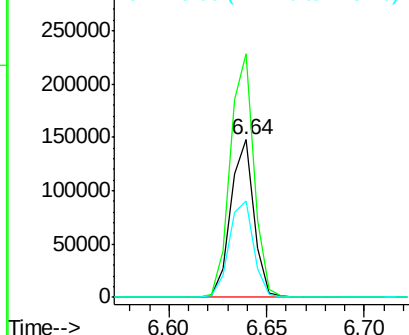
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF096748.D
 Acq: 14 Jul 2017 00:54

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-3-4-5-COMP

Tgt Ion:152 Resp: 121468
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.2
 115 61.3 52.2 78.2

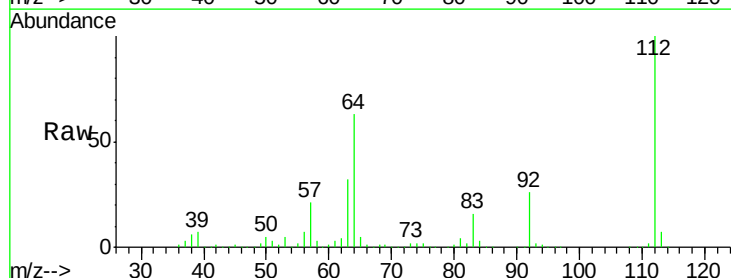


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

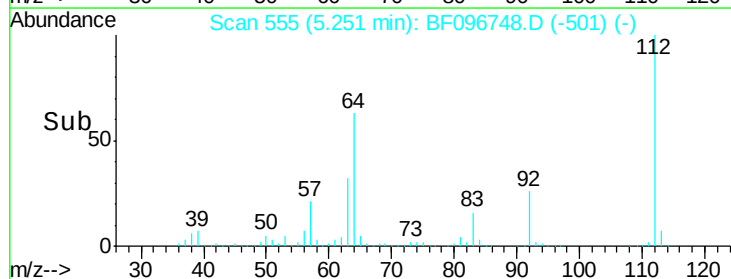
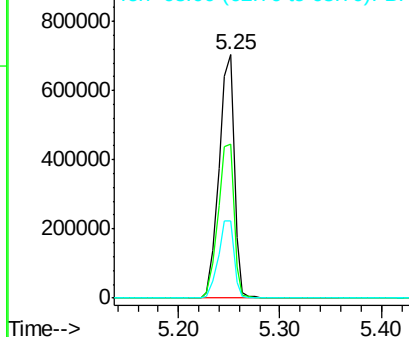


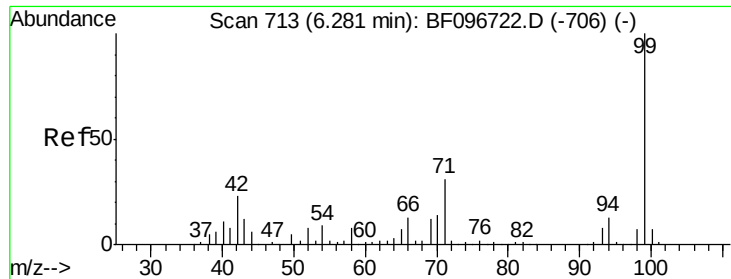
#5
 2-Fluorophenol
 Concen: 91.414 ng
 RT: 5.25 min Scan# 555
 Delta R.T. 0.02 min
 Lab File: BF096748.D
 Acq: 14 Jul 2017 00:54

Tgt Ion:112 Resp: 738496
 Ion Ratio Lower Upper
 112 100
 64 63.0 46.0 69.0
 63 31.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.529 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096748.D

Acq: 14 Jul 2017 00:54

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-3-4-5-COMP

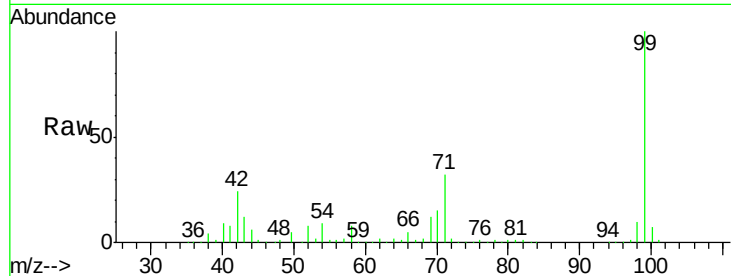
Tgt Ion: 99 Resp: 897019

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

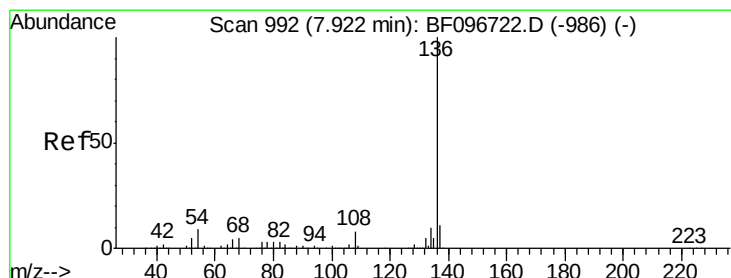
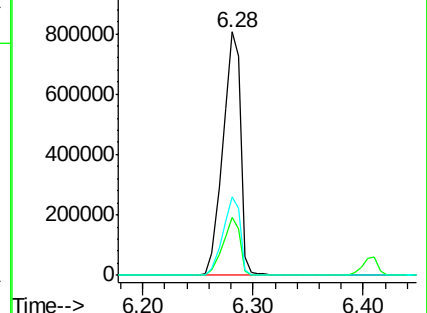
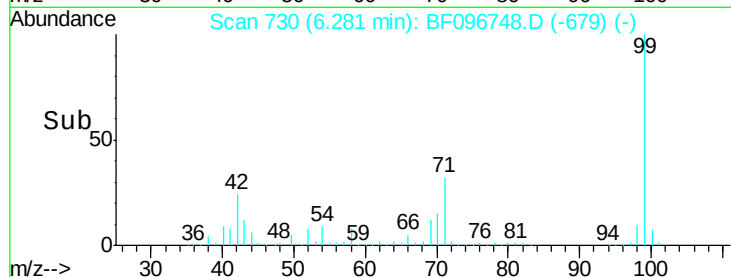
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096748.D

Acq: 14 Jul 2017 00:54

Tgt Ion: 136 Resp: 451844

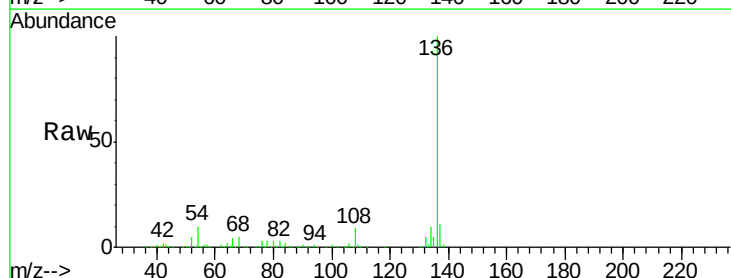
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.9 4.9 7.3#

68 5.2 4.1 6.1

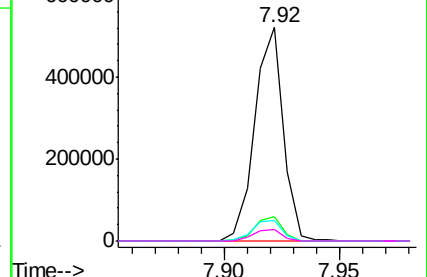
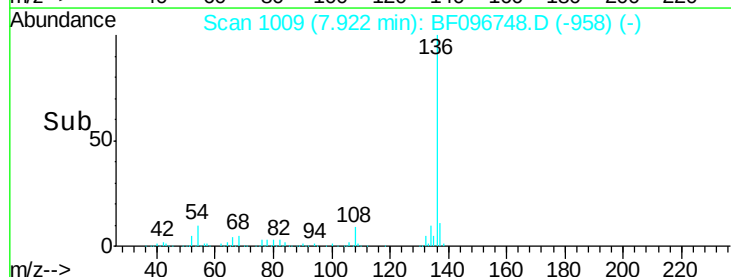


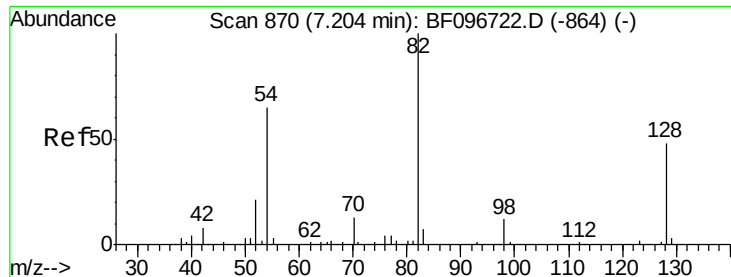
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

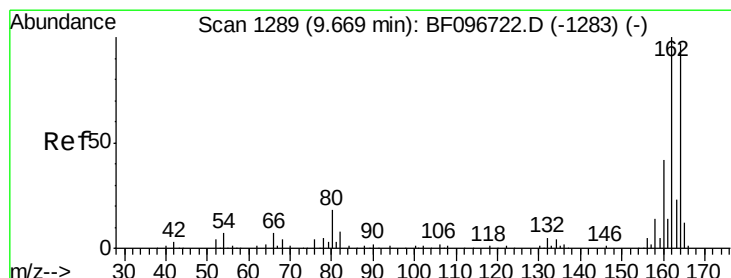
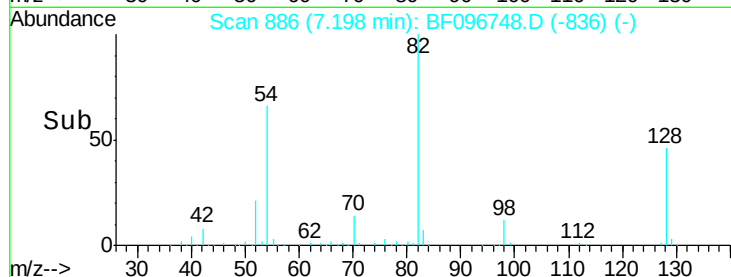
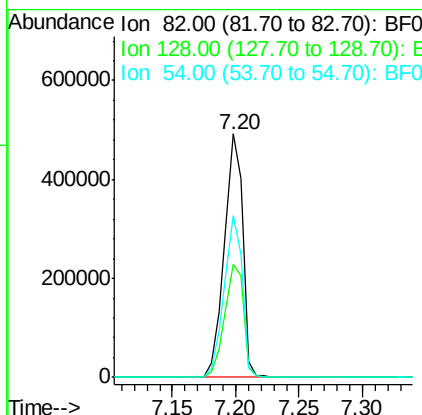
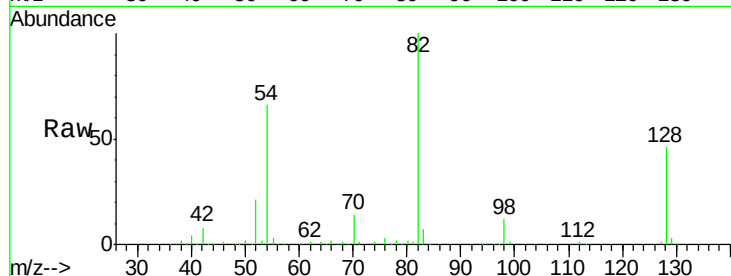




#23
 Nitrobenzene-d5
 Concen: 67.929 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096748.D
 Acq: 14 Jul 2017 00:54

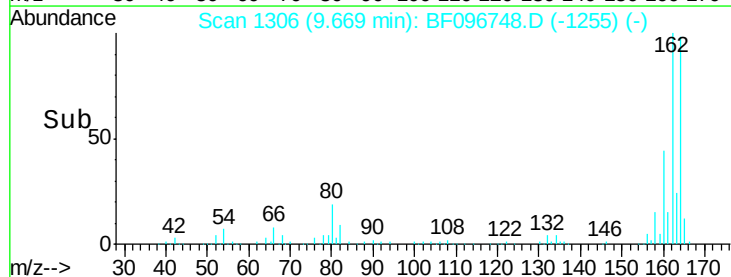
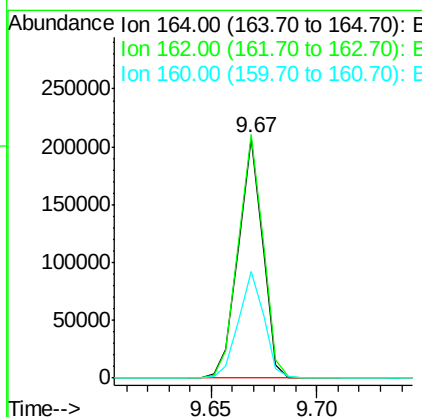
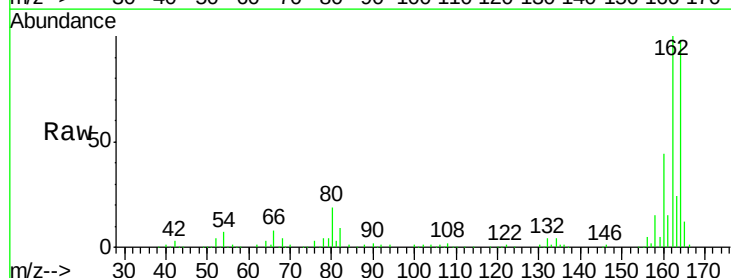
Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-3-4-5-COMP

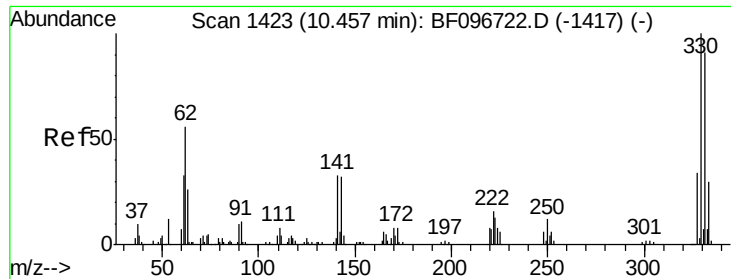
Tgt Ion: 82 Resp: 495525
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 66.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096748.D
 Acq: 14 Jul 2017 00:54

Tgt Ion: 164 Resp: 165569
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 44.6 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 86.220 ng

RT: 10.46 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF096748.D

Acq: 14 Jul 2017 00:54

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-3-4-5-COMP

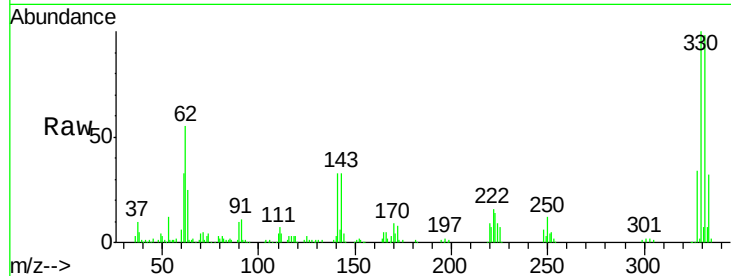
Tgt Ion:330 Resp: 121852

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

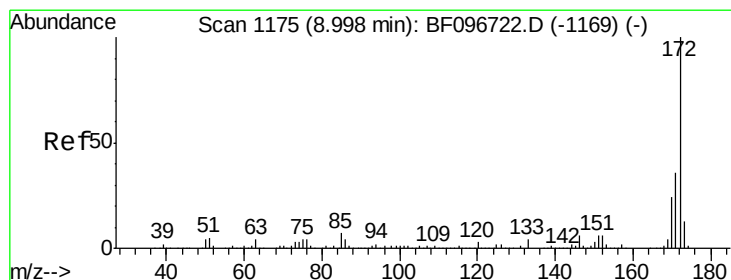
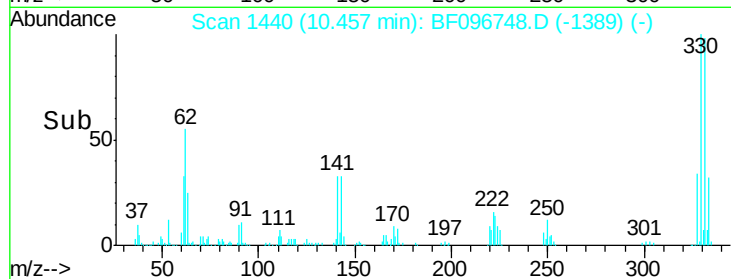
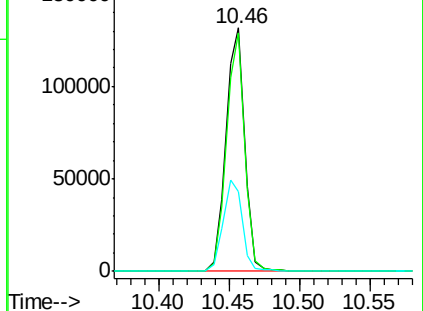
141 37.9 31.4 47.2



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: 77.619 ng

RT: 9.00 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF096748.D

Acq: 14 Jul 2017 00:54

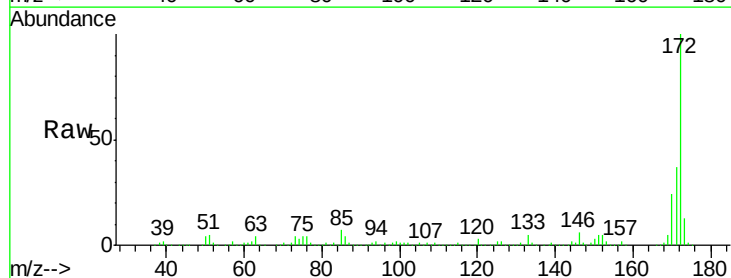
Tgt Ion:172 Resp: 813418

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

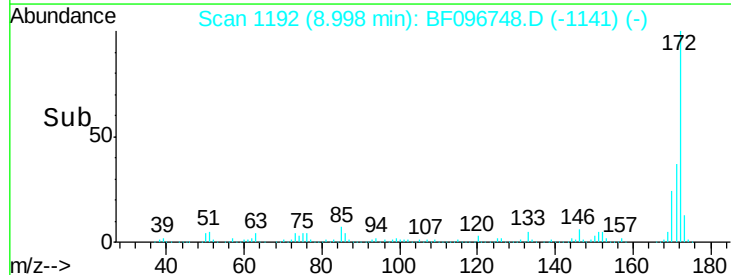
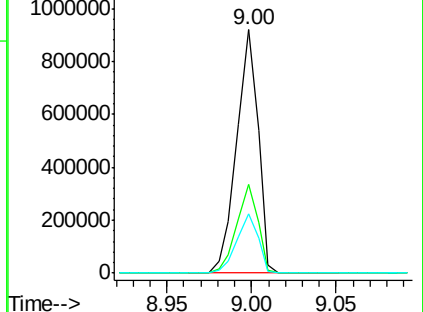
170 24.4 19.8 29.8

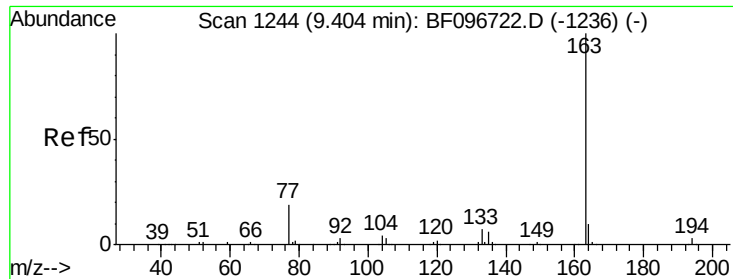


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

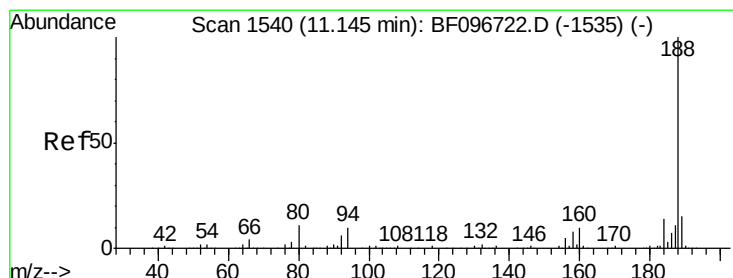
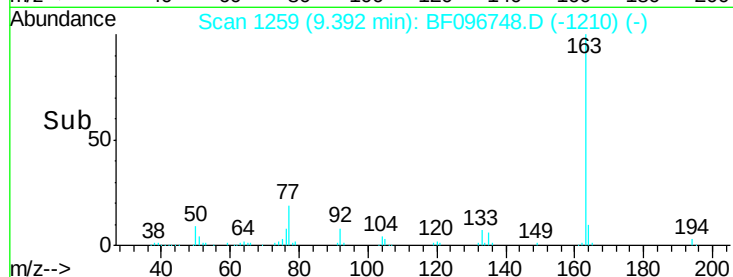
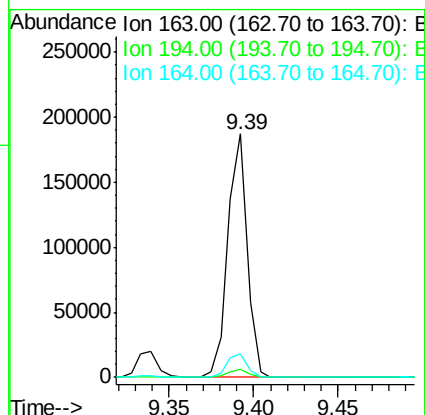
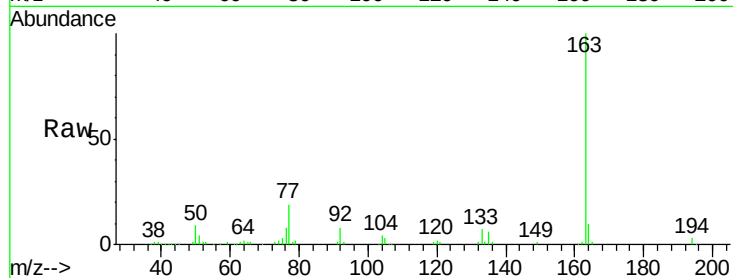




#49
Dimethylphthalate
Concen: 12.011 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096748.D
Acq: 14 Jul 2017 00:54

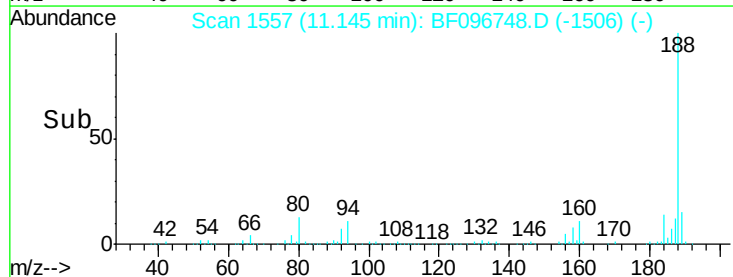
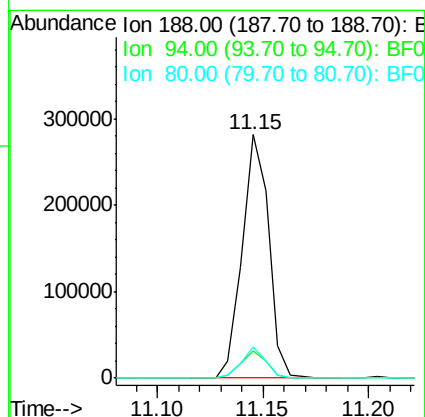
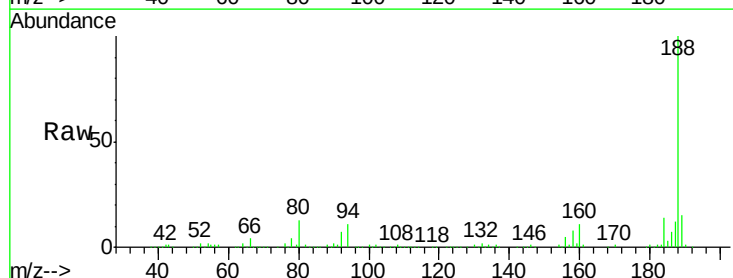
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BNA_F
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TRANSFORMER-3-4-5-COMP

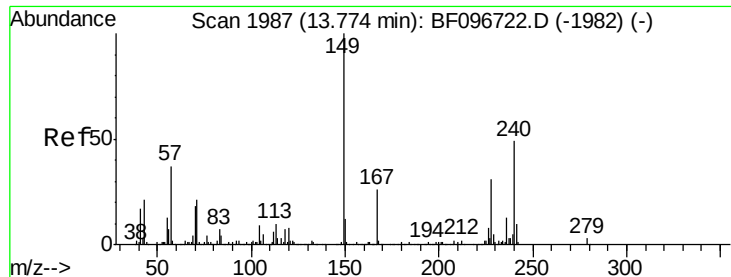
Tgt Ion:163 Resp: 149740
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096748.D
Acq: 14 Jul 2017 00:54

Tgt Ion:188 Resp: 243713
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096748.D

Acq: 14 Jul 2017 00:54

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-3-4-5-COMP

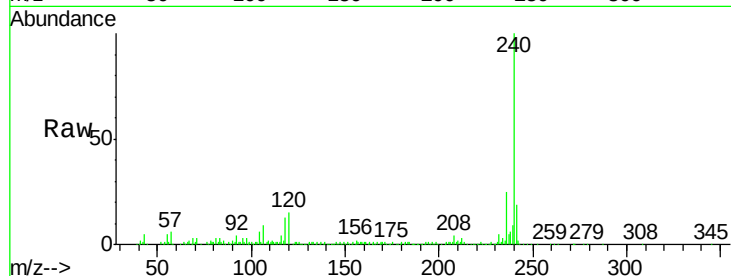
Tgt Ion:240 Resp: 196843

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

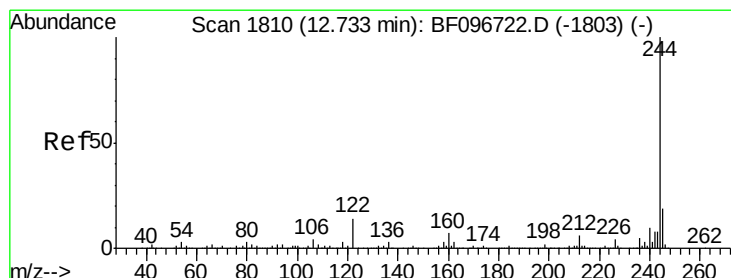
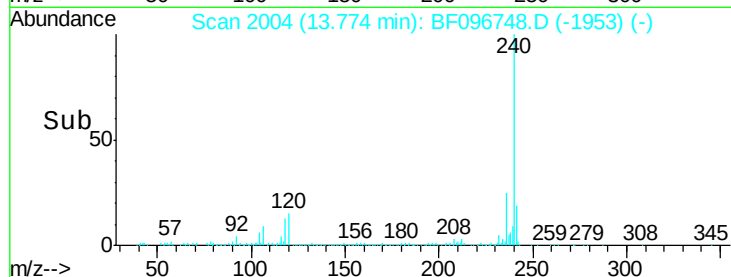
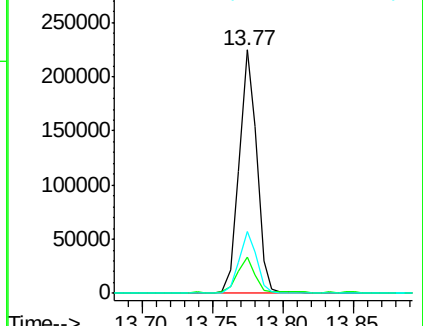
236 25.5 20.5 30.7



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: 44.836 ng

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096748.D

Acq: 14 Jul 2017 00:54

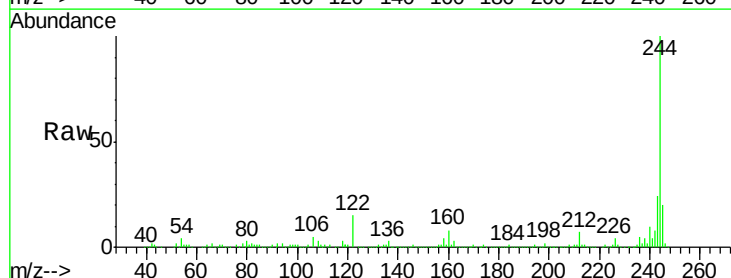
Tgt Ion:244 Resp: 508896

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

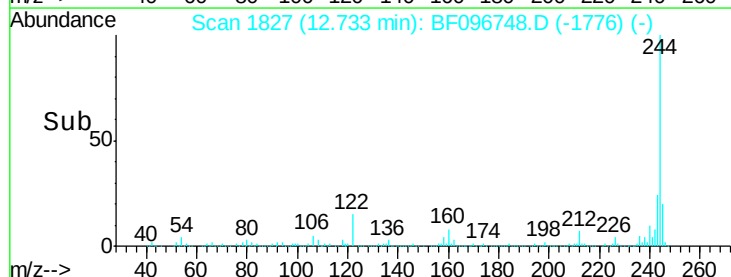
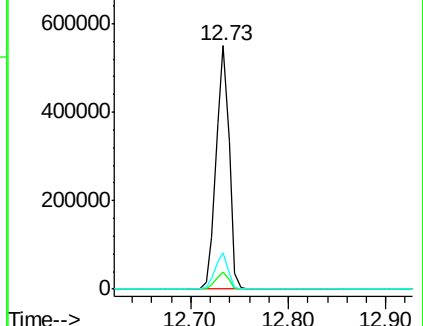
122 14.7 10.3 15.5

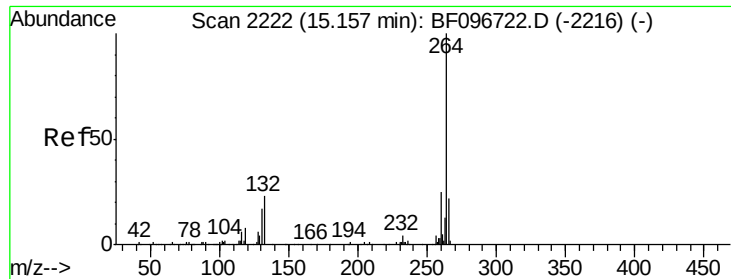


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

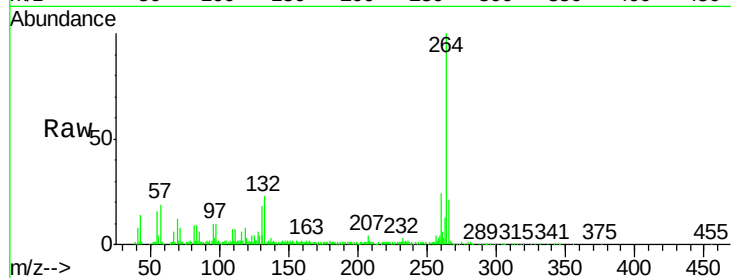




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096748.D
Acq: 14 Jul 2017 00:54

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-3-4-5-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	17.2	25.8



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

