

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096602.D
 Acq On : 10 Jul 2017 15:46
 Operator : SJ/JU
 Sample : I4075-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-MH2103-COMP

Quant Time: Jul 11 04:26:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

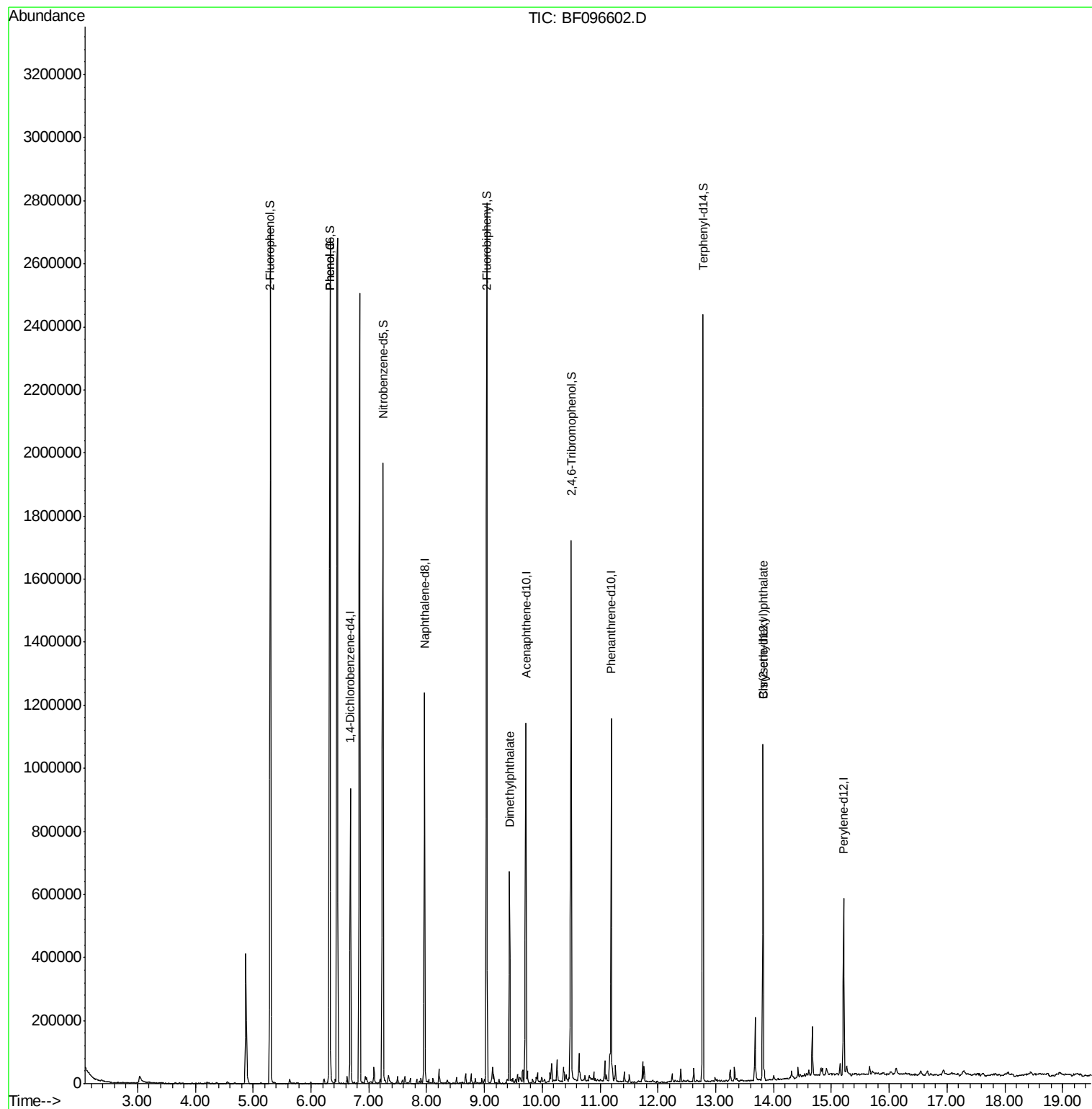
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	127114	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	559660	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	247122	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	413703	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	305099	20.00	ng	-0.02
86) Perylene-d12	15.22	264	231897	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	810651	94.13	ng	-0.01
7) Phenol-d6	6.33	99	1001622	94.60	ng	-0.02
23) Nitrobenzene-d5	7.25	82	646502	69.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	218002	112.94	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1033230	71.49	ng	-0.02
78) Terphenyl-d14	12.78	244	794460	55.64	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.33	94	38902	3.23	ng	99
49) Dimethylphthalate	9.43	163	258591	14.02	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	55954	4.04	ng	99

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

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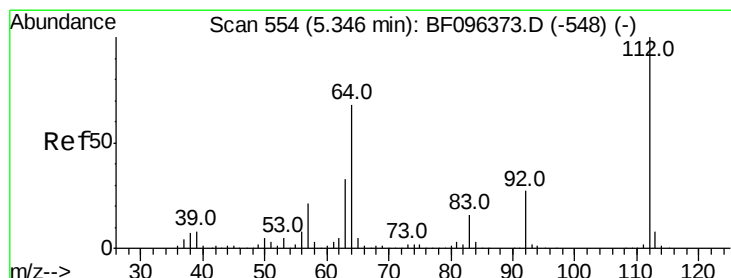
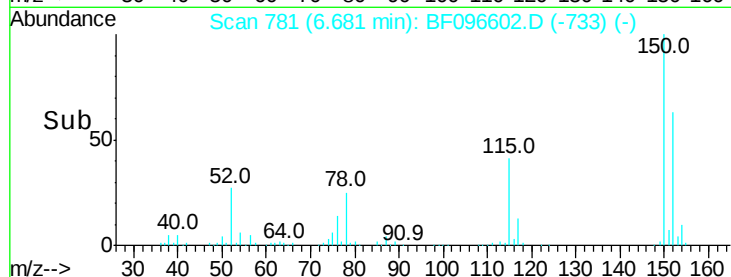
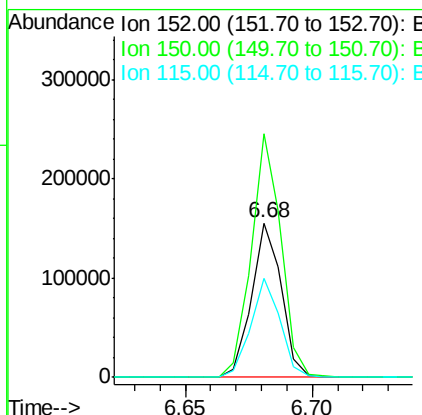
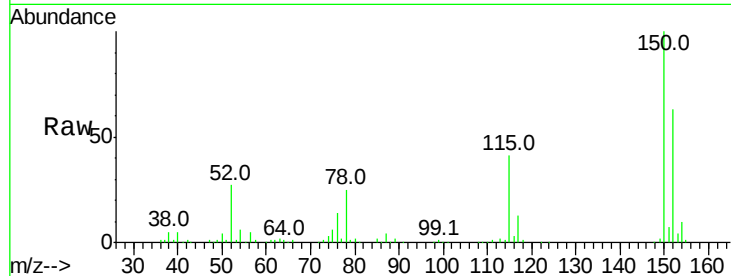


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

Instrument :
BNA_F
ClientSampleId :
TP7-MH2103-COMP

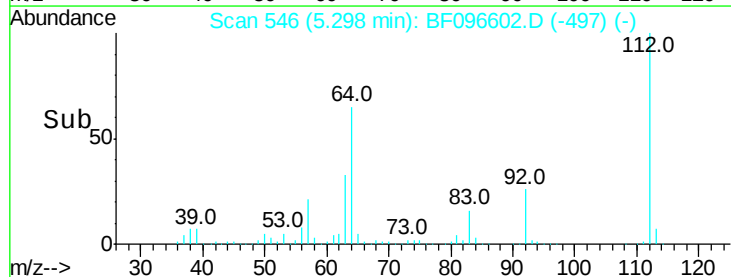
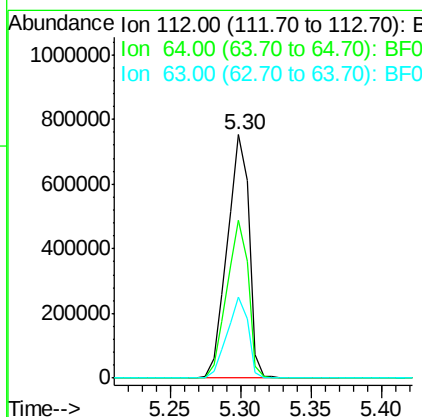
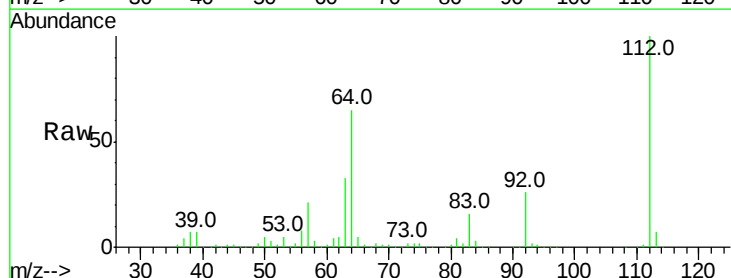
Tot Ion:152 Resp: 127114
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 64.5 52.2 78.2



#5

2-Fluorophenol
Concen: 94.13 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

Tgt Ion:112 Resp: 810651
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.2 23.4 35.0





#7

Phenol-d6

Concen: 94.60 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

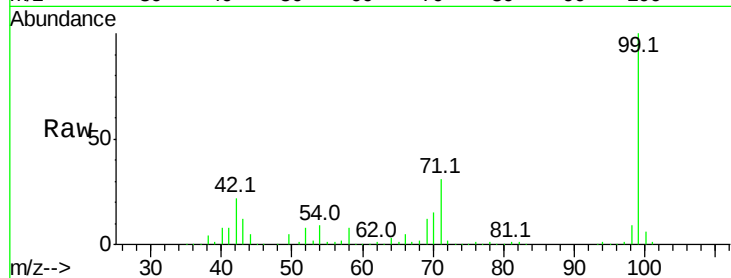
BNA_F

ClientSampleId :

TP7-MH2103-COMP

Tot Ion: 99 Resp: 1001622

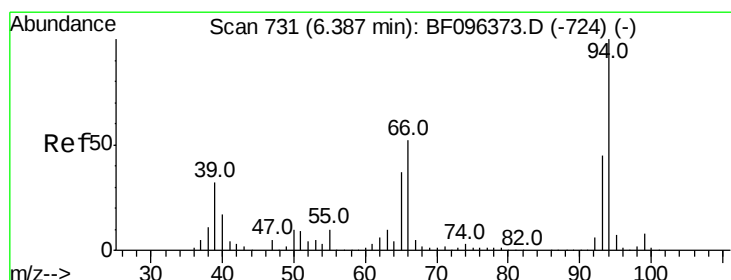
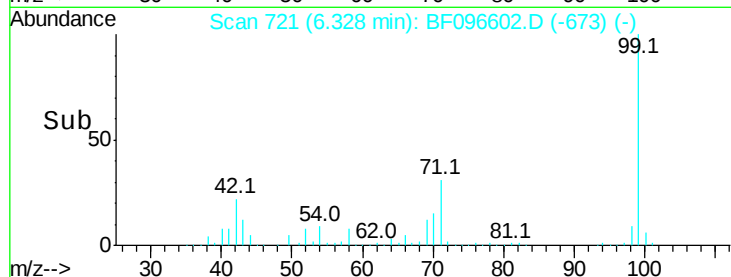
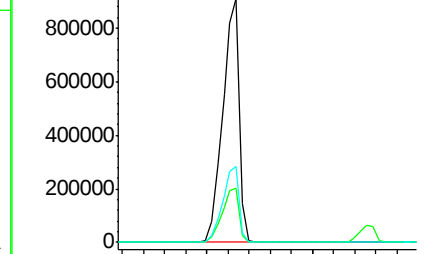
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.1	24.5	36.7



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



#10

Phenol

Concen: 3.23 ng

RT: 6.33 min Scan# 722

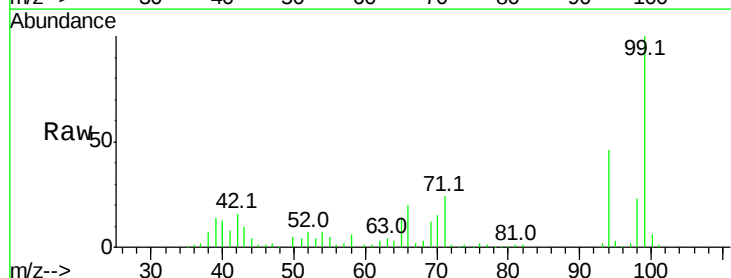
Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Tgt Ion: 94 Resp: 38902

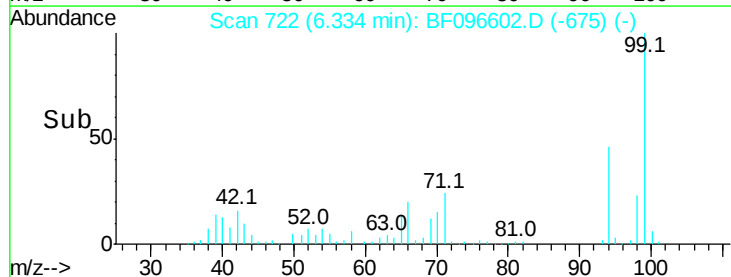
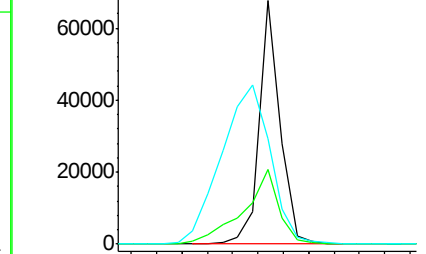
Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.9	49.9
66	43.2	23.1	63.1

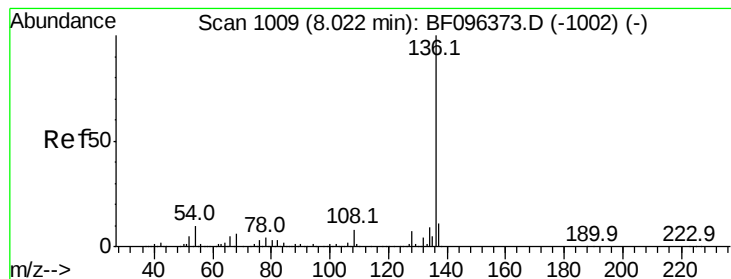


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

BNA_F

ClientSampleId :

TP7-MH2103-COMP

Tot Ion:136 Resp: 559660

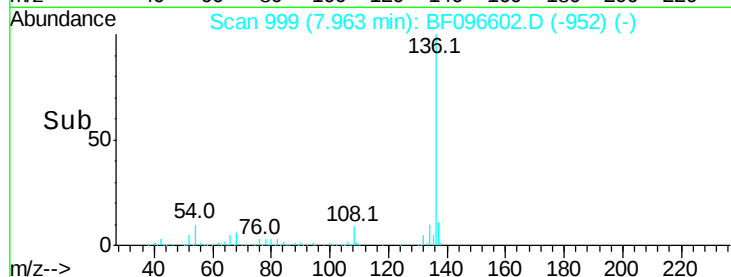
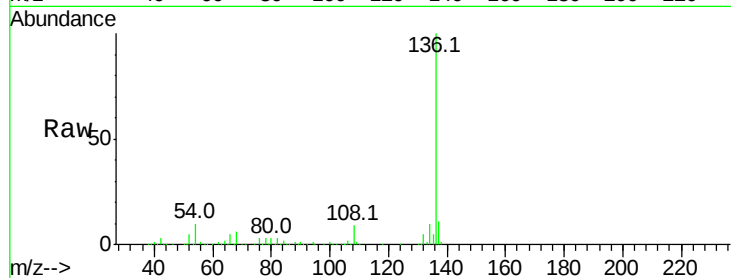
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.2 4.9 7.3#

68 5.8 4.1 6.1

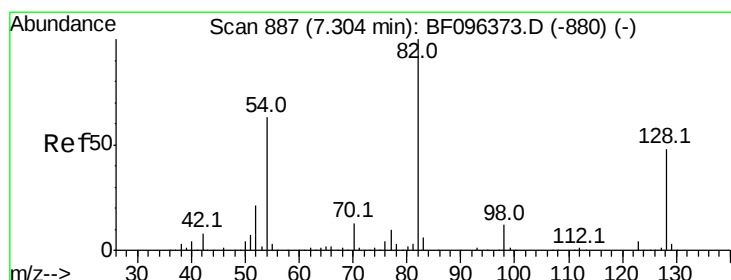
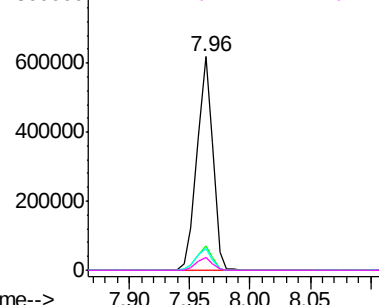


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.42 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

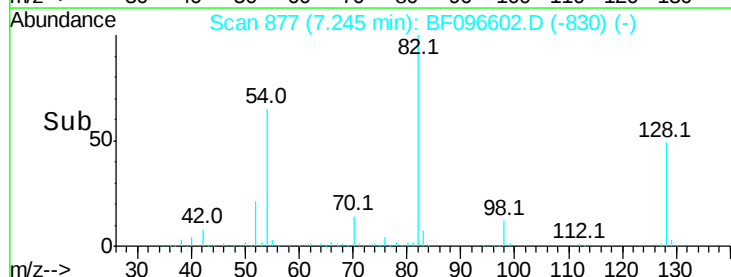
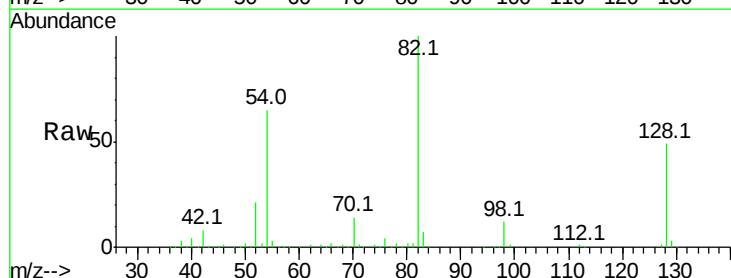
Tgt Ion: 82 Resp: 646502

Ion Ratio Lower Upper

82 100

128 49.2 34.0 51.0

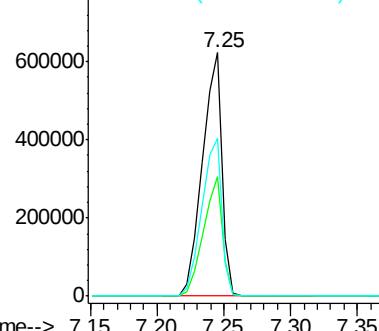
54 65.1 42.2 63.2#

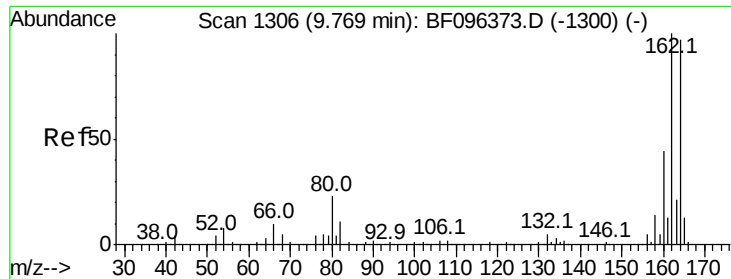


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

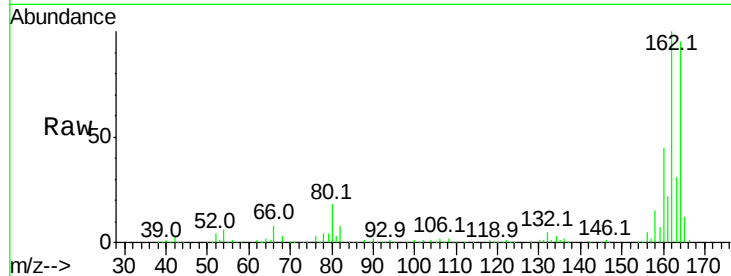




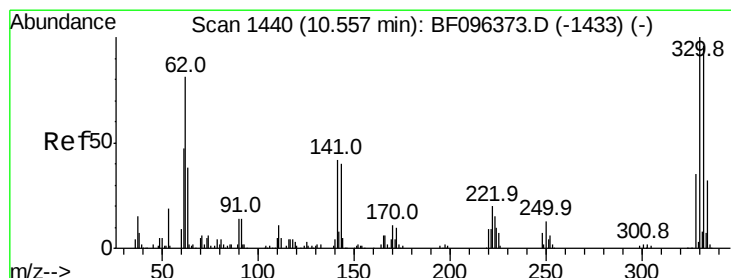
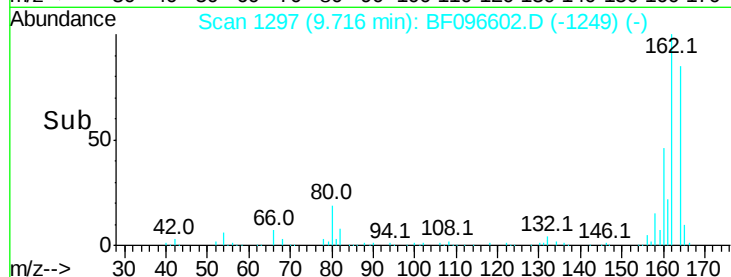
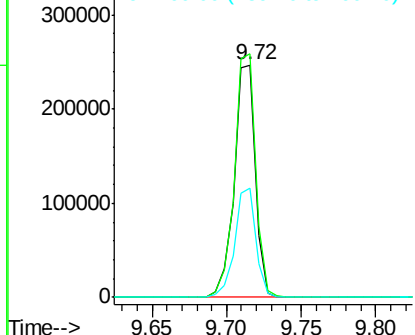
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096602.D
 Acq: 10 Jul 2017 15:46

Instrument :
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 ClientSampleId :
 TP7-MH2103-COMP

Tot Ion:164 Resp: 247122
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 47.1 36.2 54.2

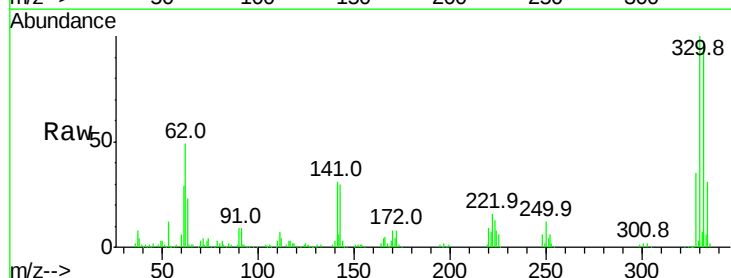


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

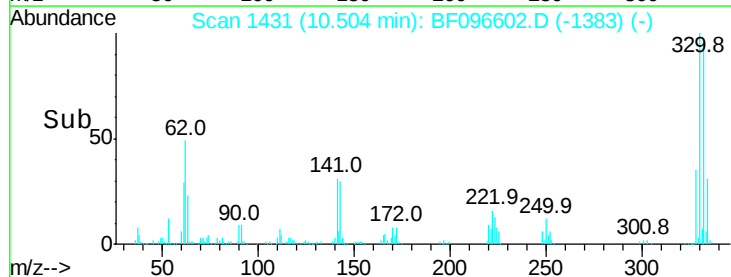
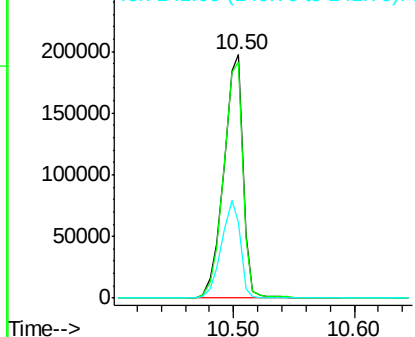


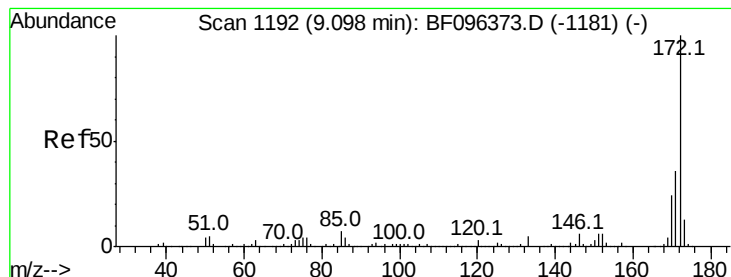
#41
 2,4,6-Tribromophenol
 Concen: 112.94 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096602.D
 Acq: 10 Jul 2017 15:46

Tgt Ion:330 Resp: 218002
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.2 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: 71.49 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

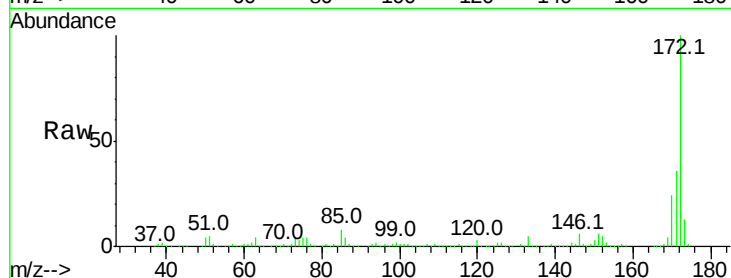
BNA_F

ClientSampleId :

TP7-MH2103-COMP

Tot Ion:172 Resp: 1033230

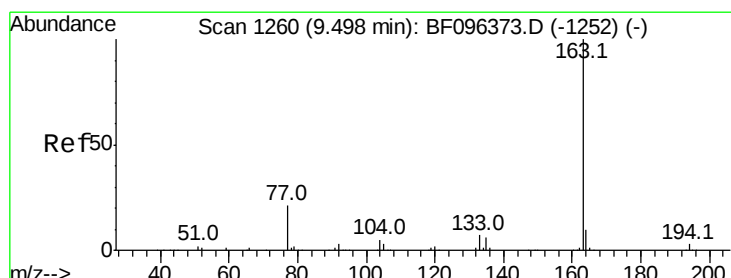
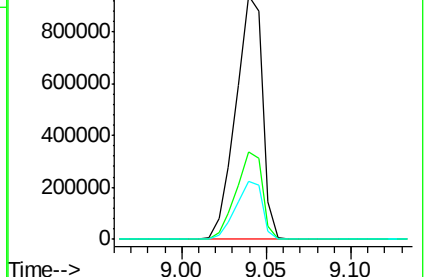
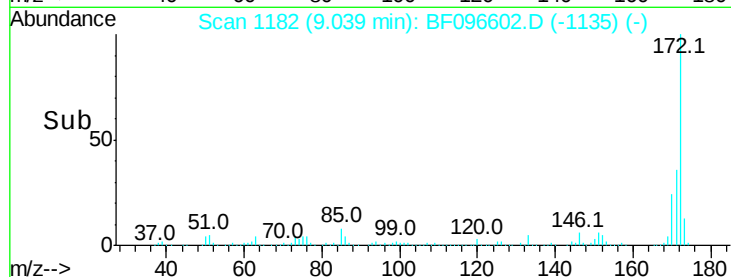
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8



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: 14.02 ng

RT: 9.43 min Scan# 1249

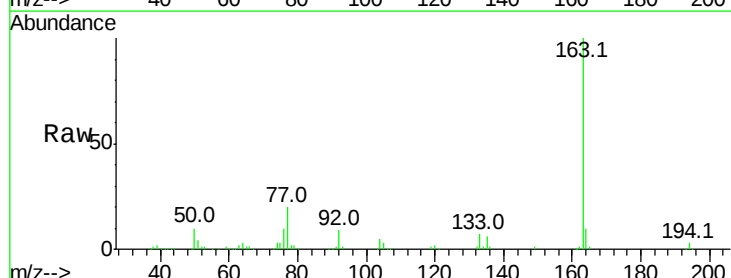
Delta R.T. -0.04 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Tgt Ion:163 Resp: 258591

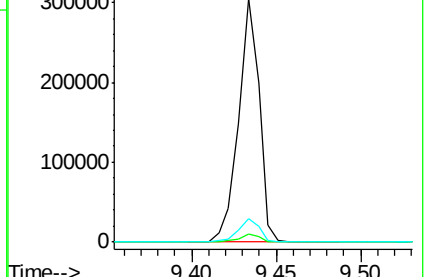
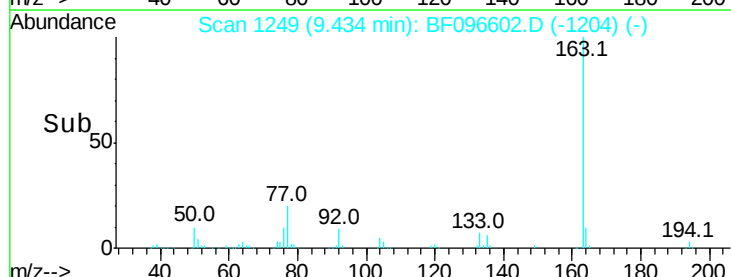
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.8	8.4	12.6

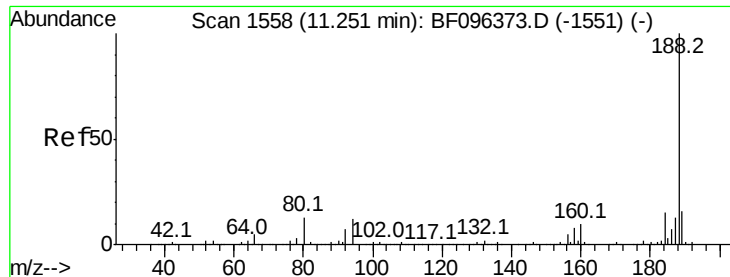


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

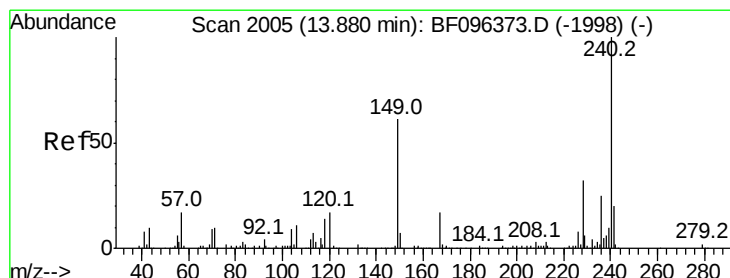
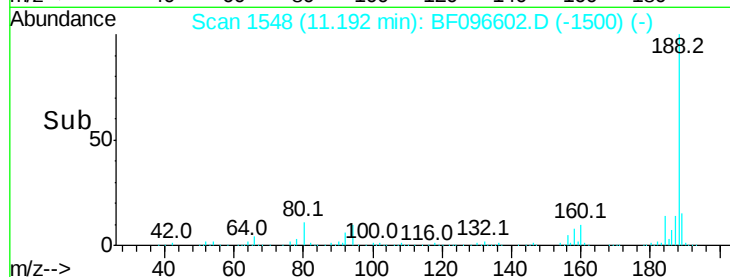
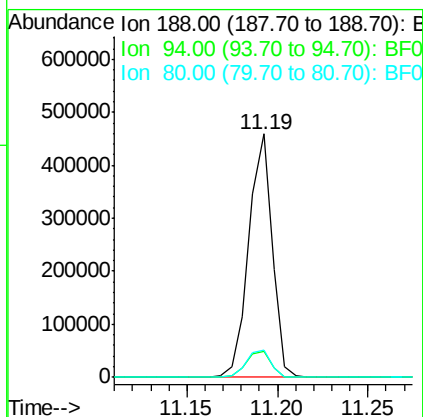
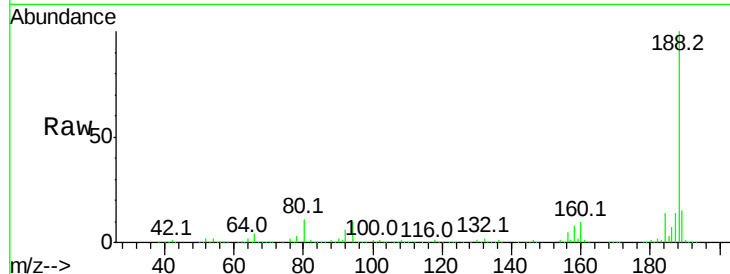




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

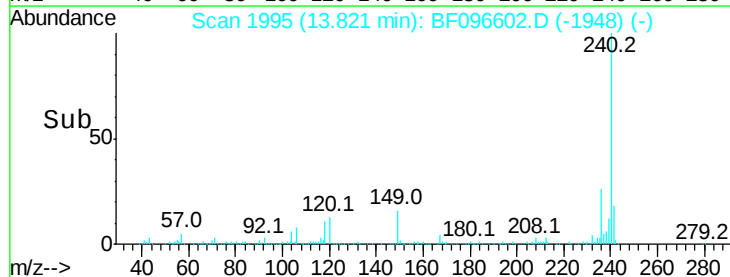
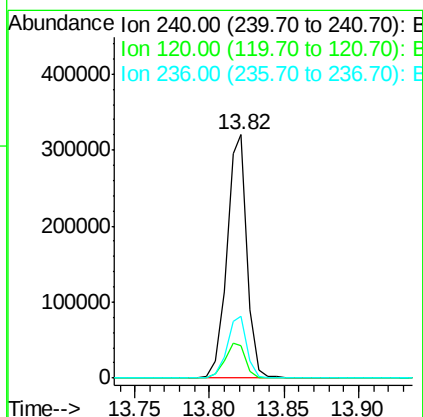
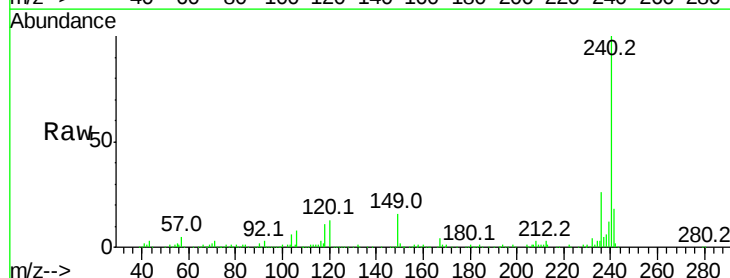
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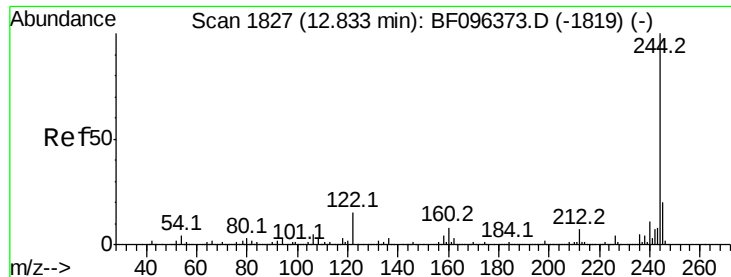
Tot Ion:188 Resp: 413703
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

Tgt Ion:240 Resp: 305099
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 25.7 20.5 30.7

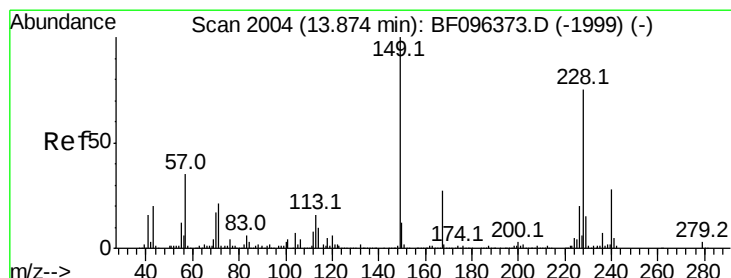
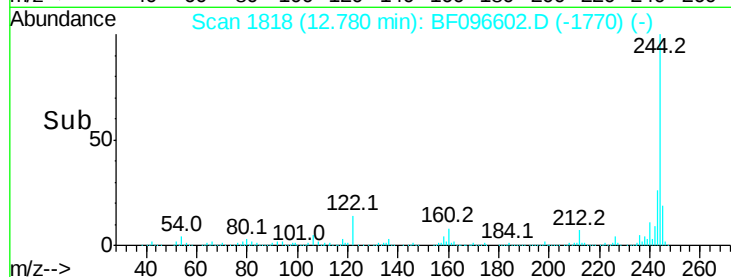
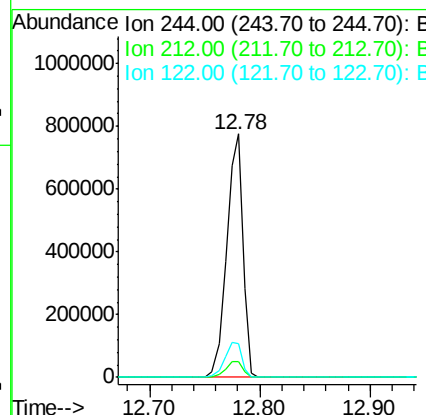
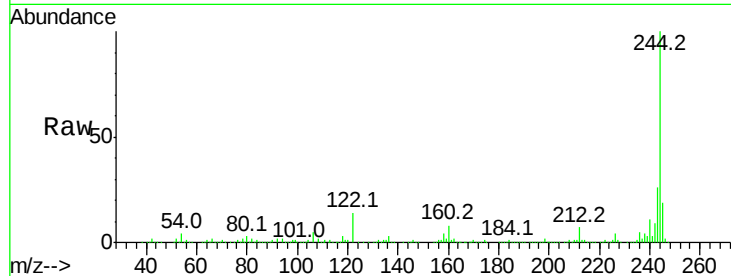




#78
 Terphenyl-d14
 Concen: 55.64 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096602.D
 Acq: 10 Jul 2017 15:46

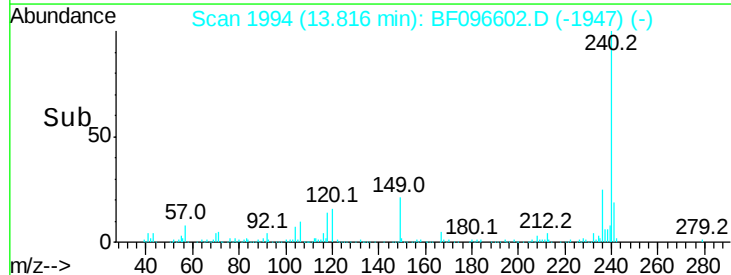
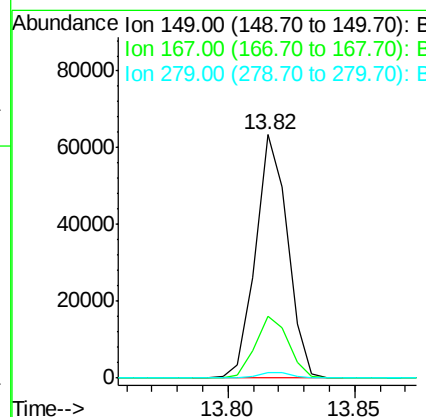
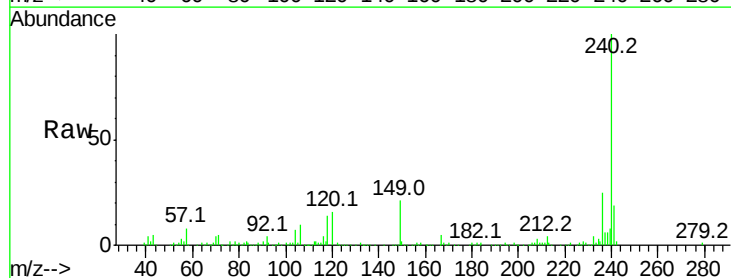
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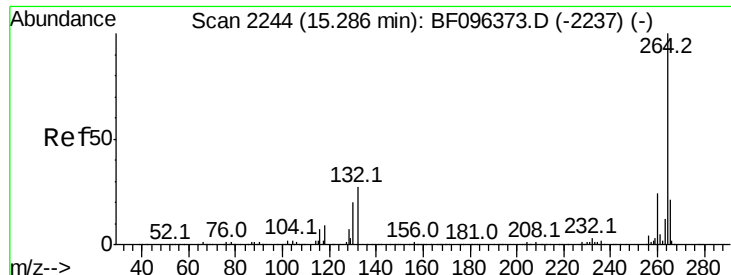
Tot Ion:244 Resp: 794460
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.1 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.04 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096602.D
 Acq: 10 Jul 2017 15:46

Tgt Ion:149 Resp: 55954
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 2.5 1.9 2.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

Instrument :
BNA_F
ClientSampleId :
TP7-MH2103-COMP

Tot Ion:264 Resp: 231897
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.8 17.2 25.8

