

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096582.D
 Acq On : 8 Jul 2017 2:00
 Operator : SJ/MA
 Sample : I4075-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-MH2103-COMP

Quant Time: Jul 08 04:29:01 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

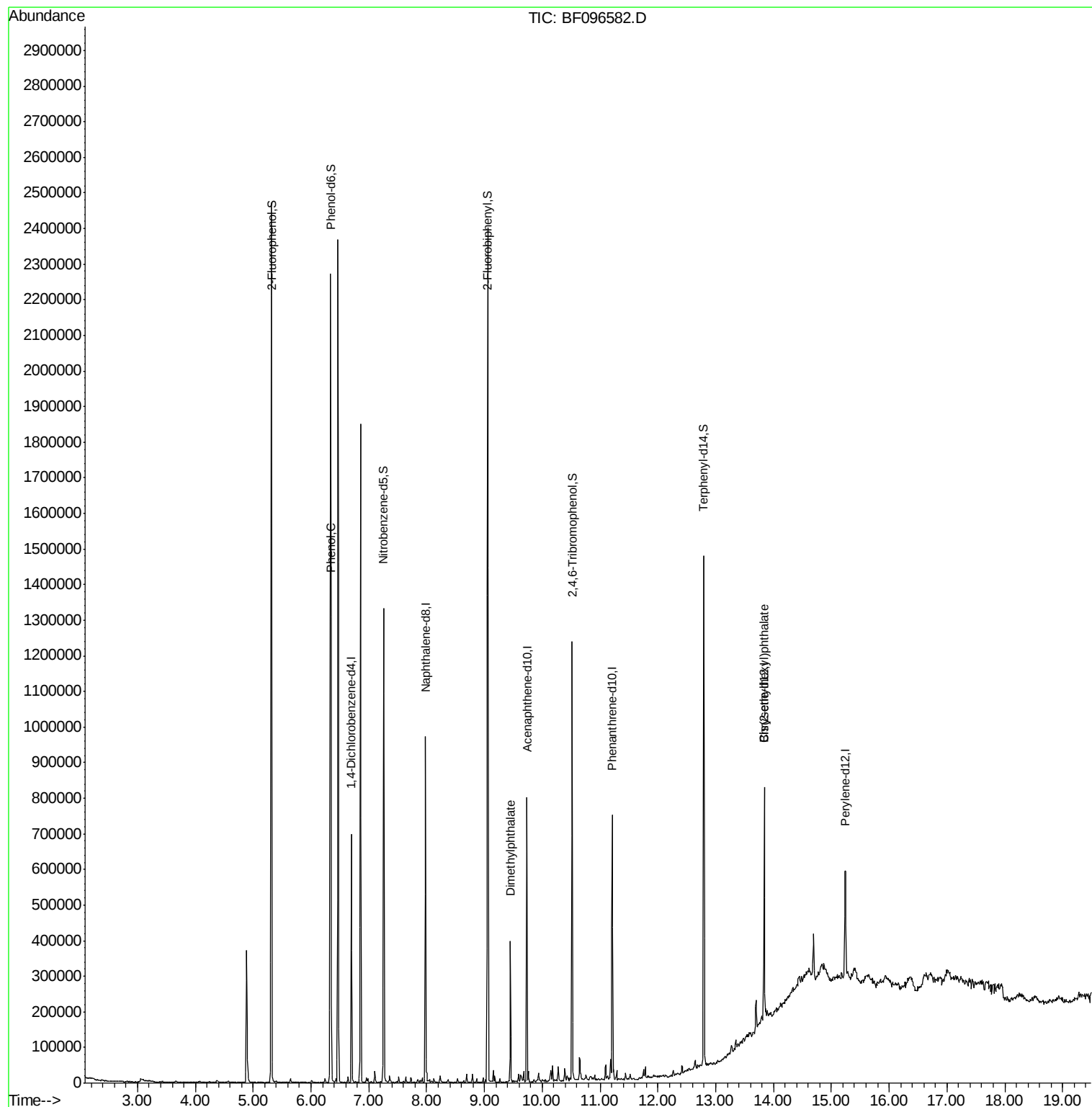
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91723	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	395313	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	152165	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	241562	20.00	ng	0.00
75) Chrysene-d12	13.84	240	175699	20.00	ng	0.00
86) Perylene-d12	15.24	264	129810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	707750	113.89	ng	0.00
7) Phenol-d6	6.34	99	756716	99.05	ng	0.00
23) Nitrobenzene-d5	7.26	82	407268	61.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	129809	109.21	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	707222	79.47	ng	0.00
78) Terphenyl-d14	12.80	244	464568	56.50	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27256	3.132	ng	97
49) Dimethylphthalate	9.45	163	148608	13.083	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	28899	3.626	ng	96

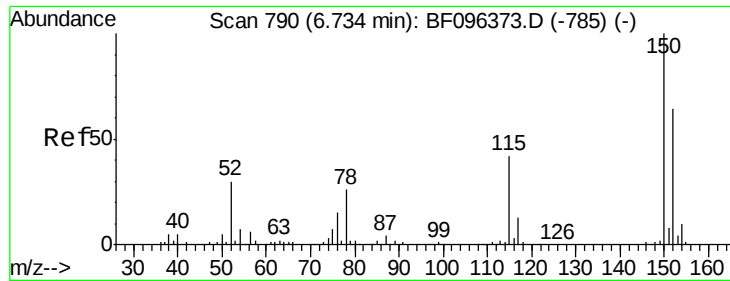
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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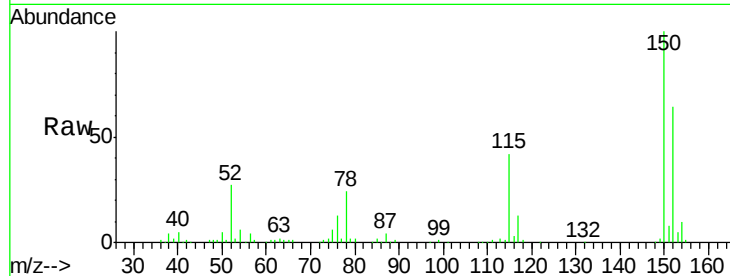


#1

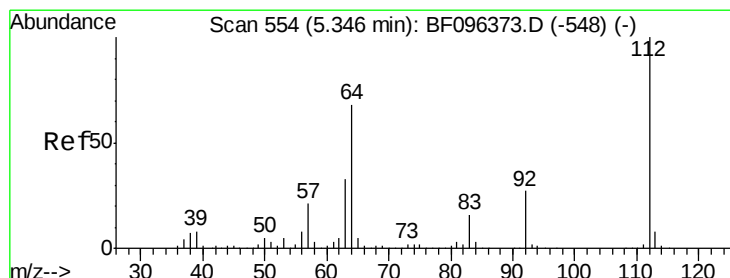
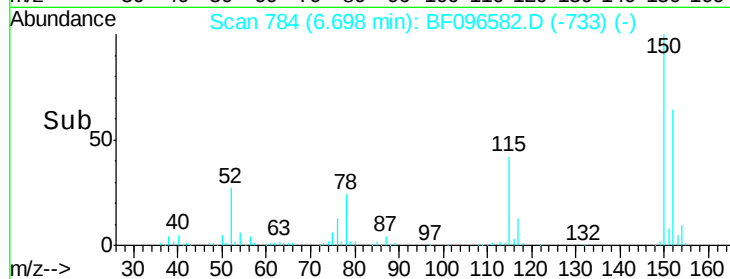
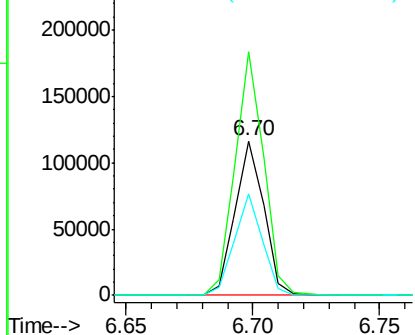
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Instrument :
BNA_F
ClientSampleId :
TP7-MH2103-COMP

Tgt Ion:152 Resp: 91723
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 65.5 52.2 78.2



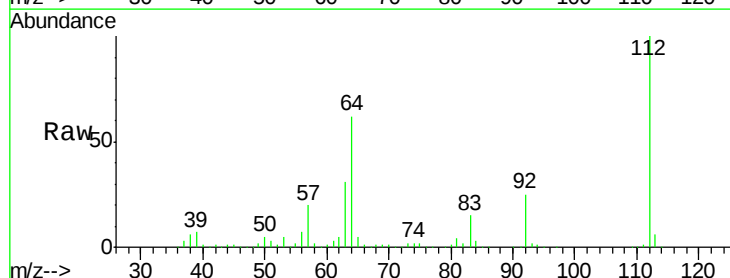
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



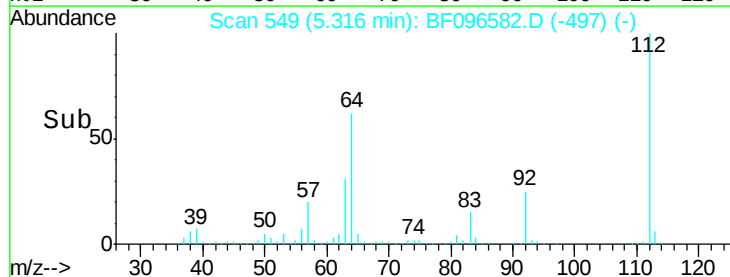
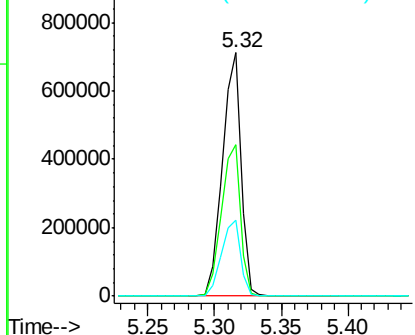
#5

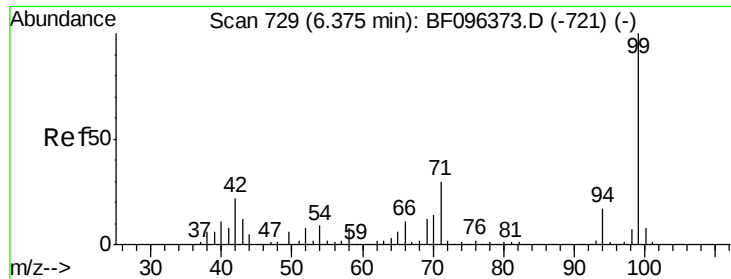
2-Fluorophenol
Concen: 113.888 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Tgt Ion:112 Resp: 707750
Ion Ratio Lower Upper
112 100
64 62.2 46.0 69.0
63 31.2 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: 99.049 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

Instrument :

BNA_F

ClientSampleId :

TP7-MH2103-COMP

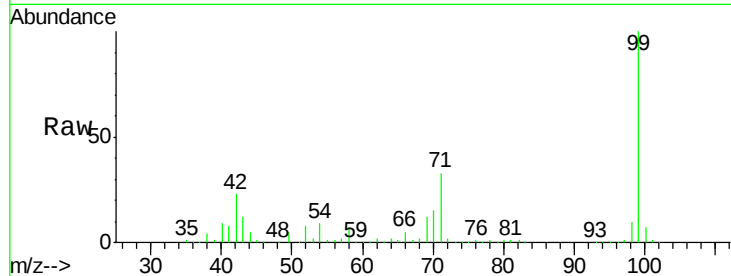
Tgt Ion: 99 Resp: 756716

Ion Ratio Lower Upper

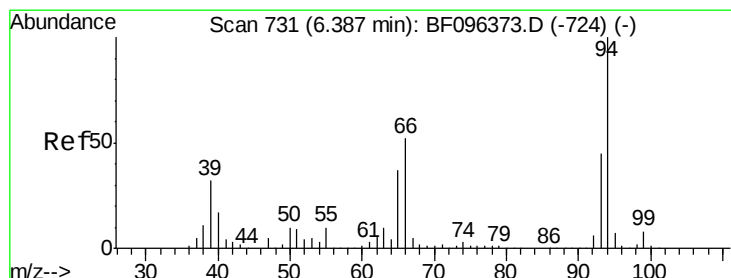
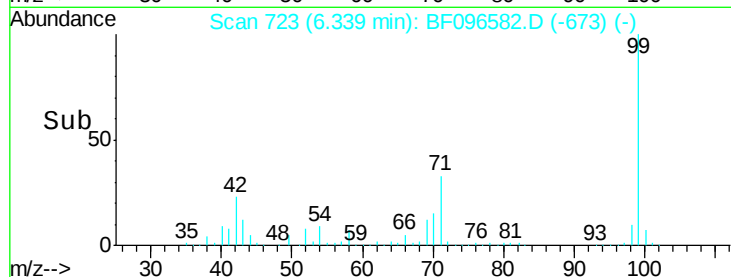
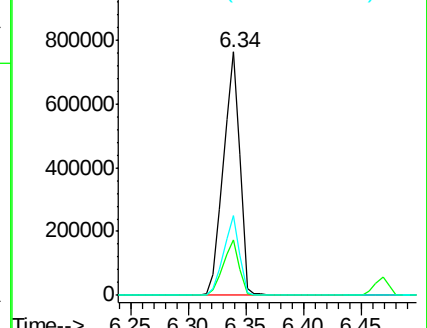
99 100

42 22.6 13.5 20.3#

71 32.7 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: 3.132 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

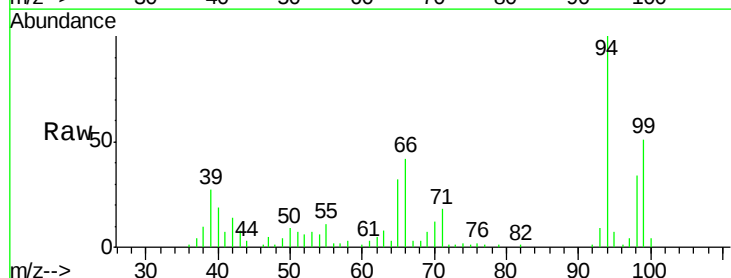
Tgt Ion: 94 Resp: 27256

Ion Ratio Lower Upper

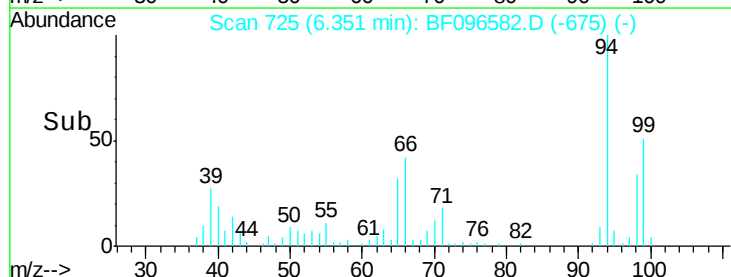
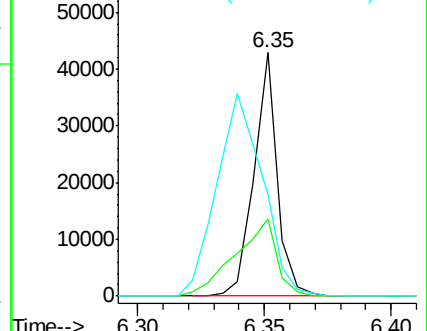
94 100

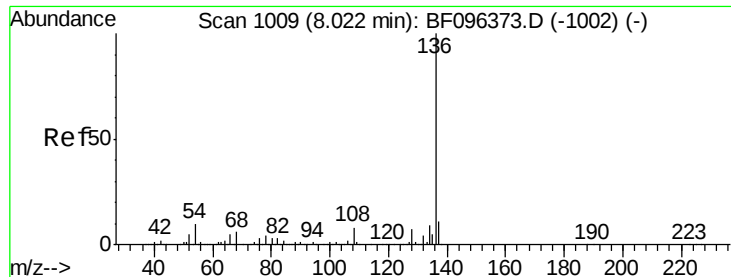
65 31.8 9.9 49.9

66 41.5 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

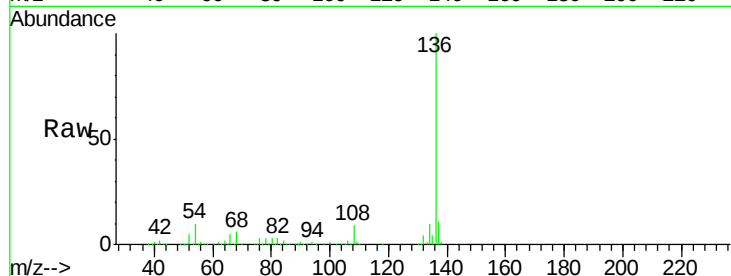




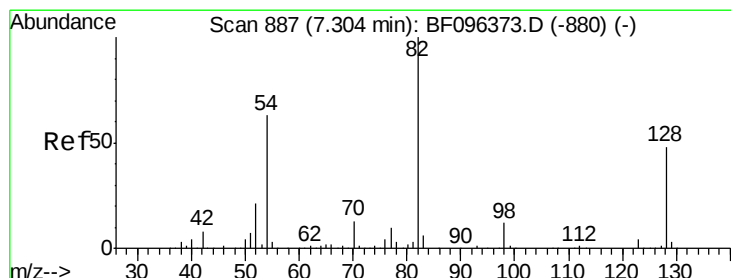
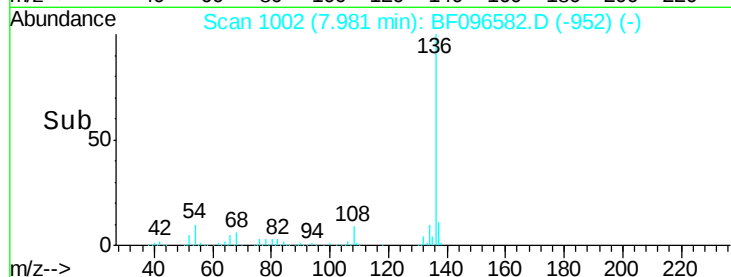
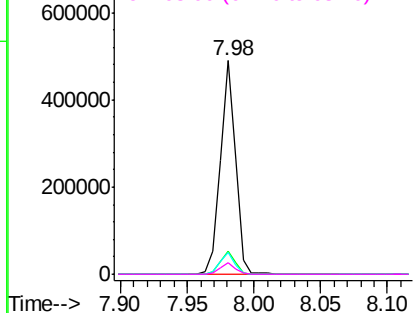
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Instrument :
BNA_F
ClientSampleId :
TP7-MH2103-COMP

Tgt Ion: 136 Resp: 395313
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.0 4.9 7.3#
68 5.6 4.1 6.1

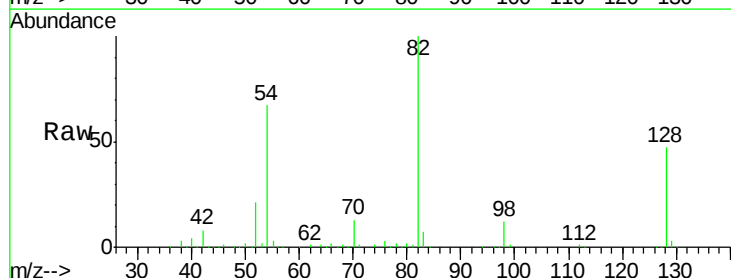


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

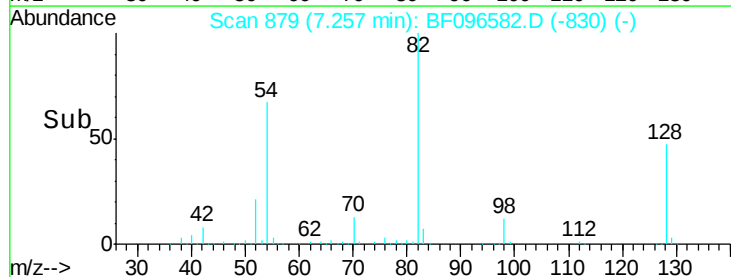
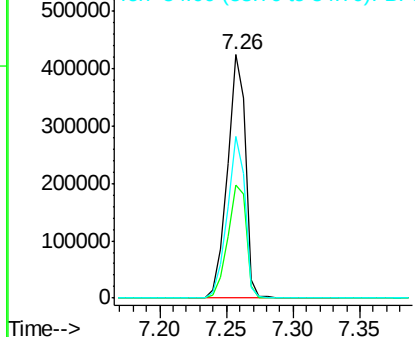


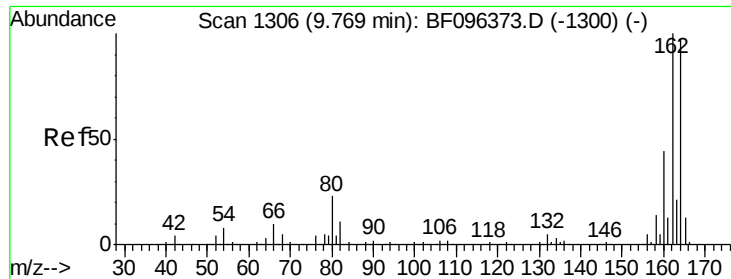
#23
Nitrobenzene-d5
Concen: 61.908 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Tgt Ion: 82 Resp: 407268
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 66.6 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: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

Instrument :

BNA_F

ClientSampleId :

TP7-MH2103-COMP

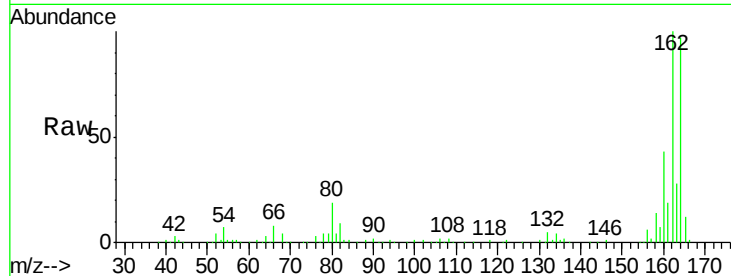
Tgt Ion:164 Resp: 152165

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

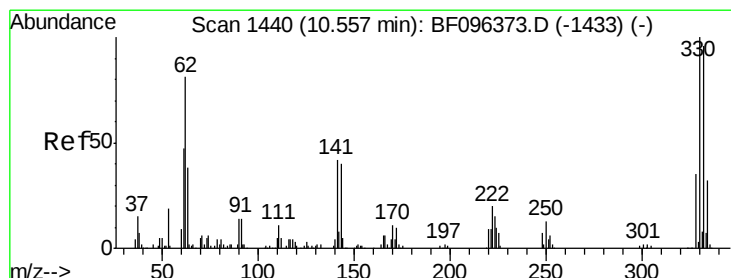
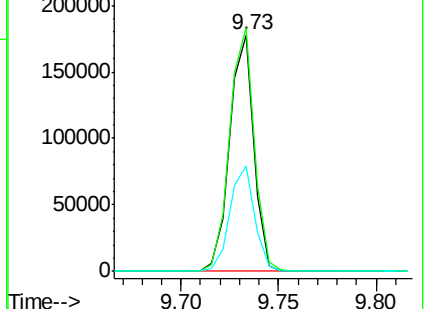
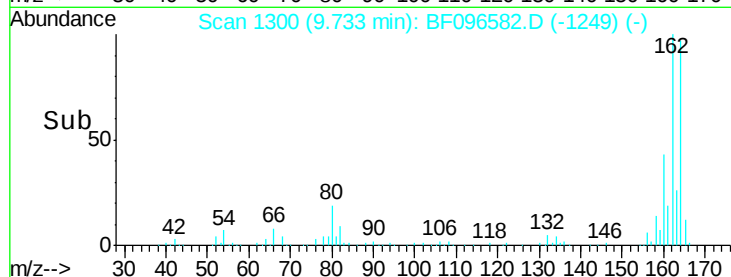
160 44.6 36.2 54.2



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: 109.212 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

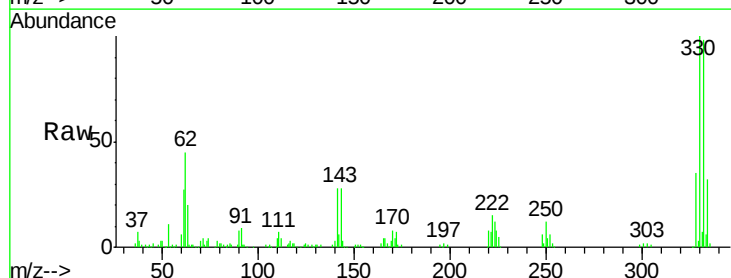
Tgt Ion:330 Resp: 129809

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

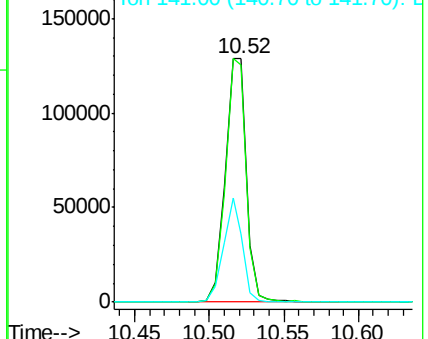
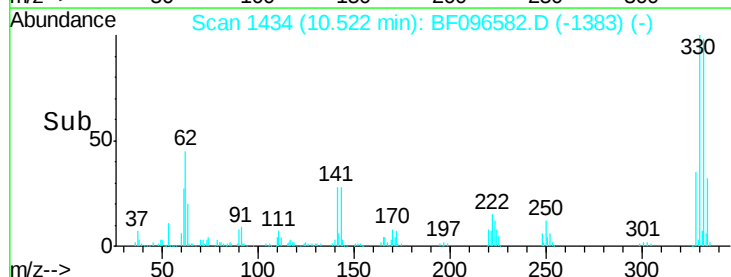
141 38.0 31.4 47.2

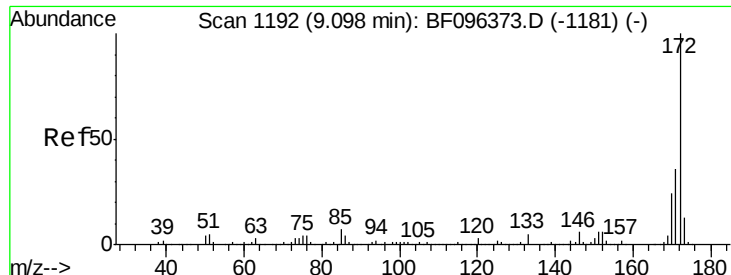


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

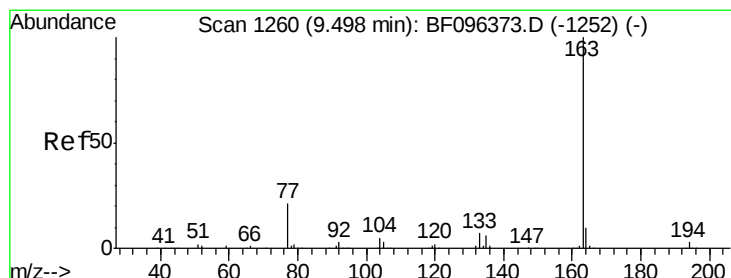
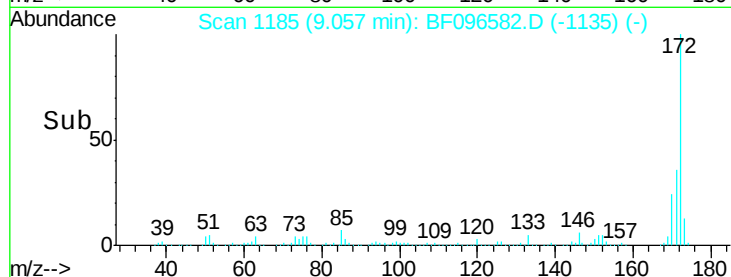
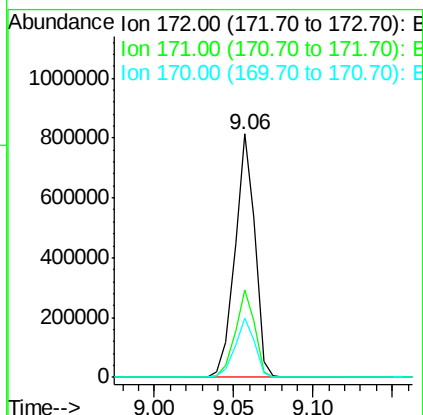
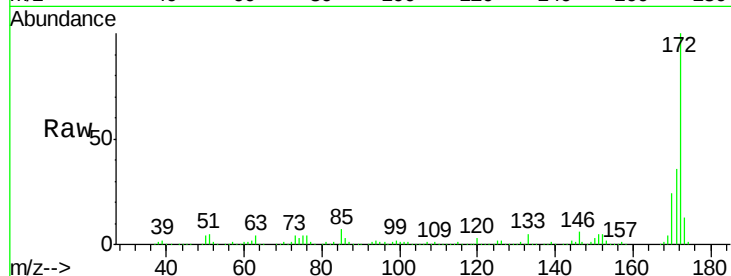




#44
 2-Fluorobiphenyl
 Concen: 79.466 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

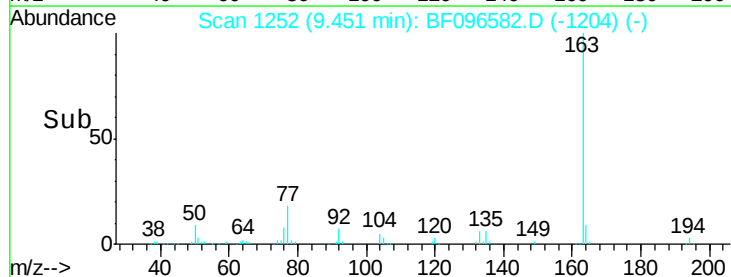
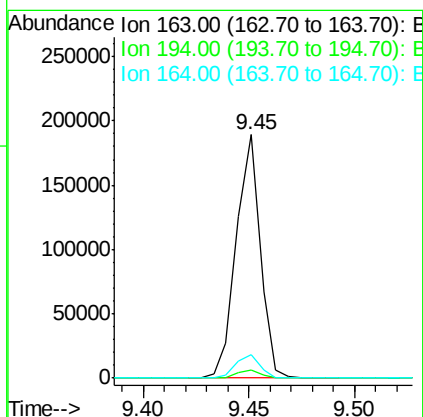
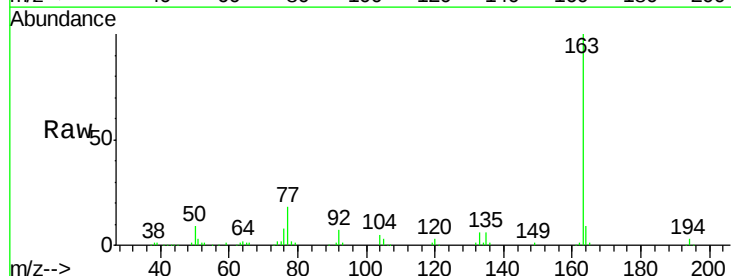
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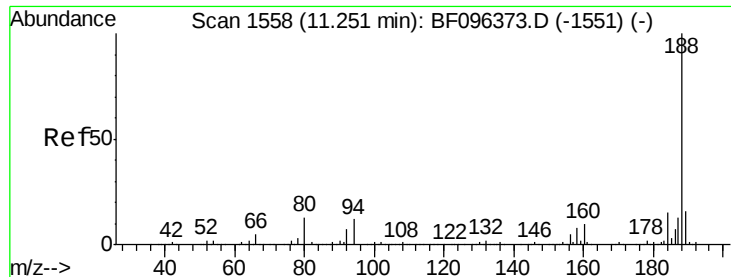
Tgt Ion:172 Resp: 707222
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 13.083 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

Tgt Ion:163 Resp: 148608
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.4 8.4 12.6

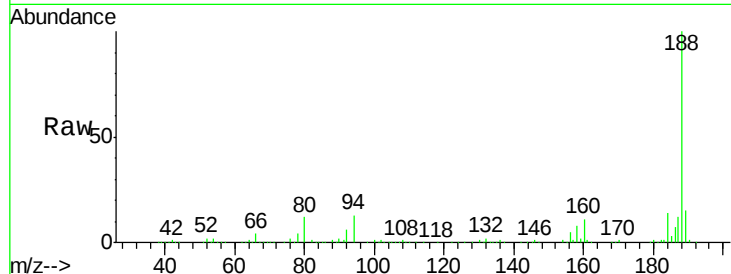




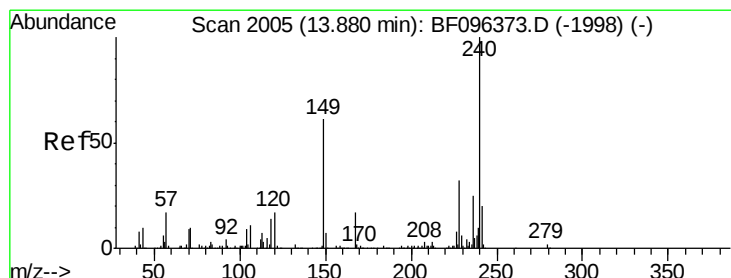
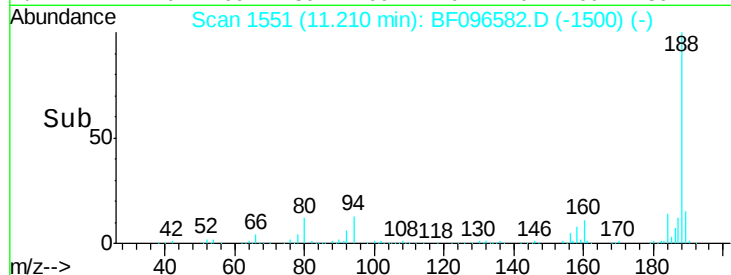
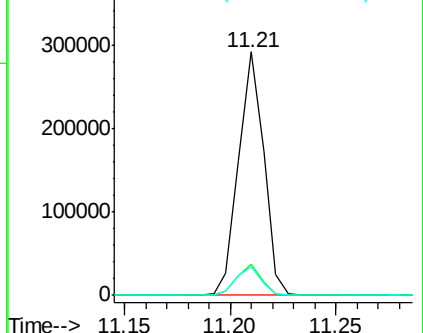
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Instrument :
BNA_F
ClientSampleId :
TP7-MH2103-COMP

Tgt Ion:188 Resp: 241562
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 11.9 10.2 15.2

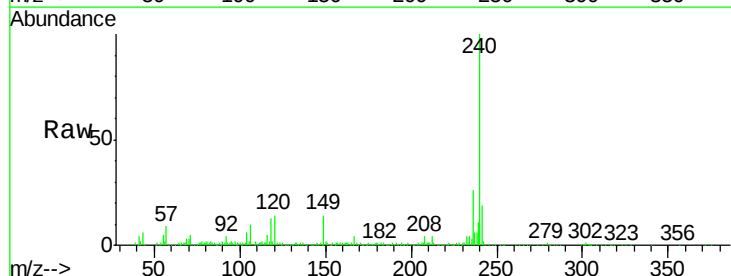


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

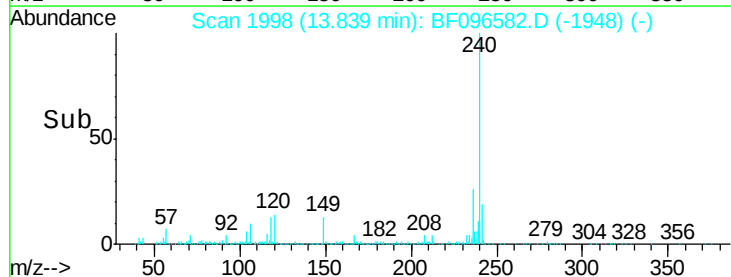
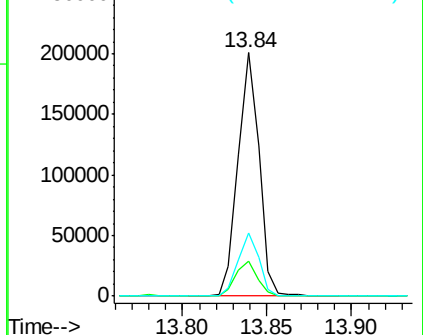


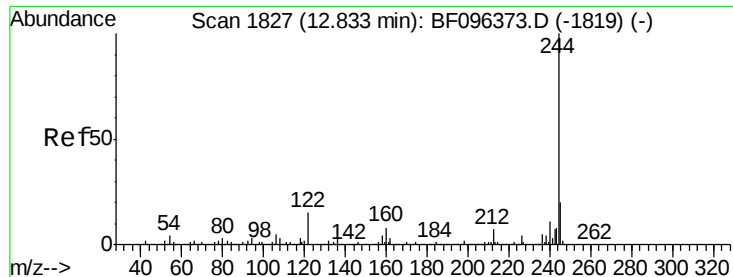
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Tgt Ion:240 Resp: 175699
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 26.0 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

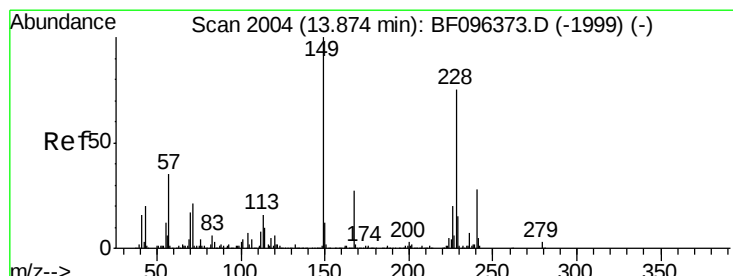
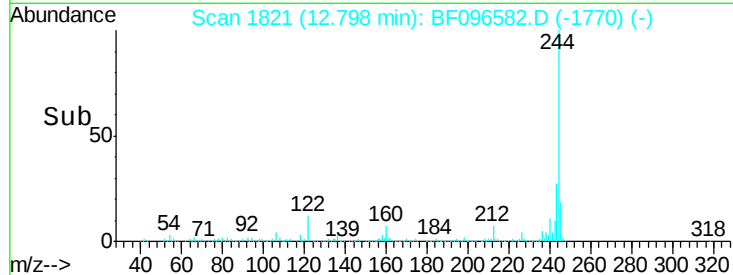
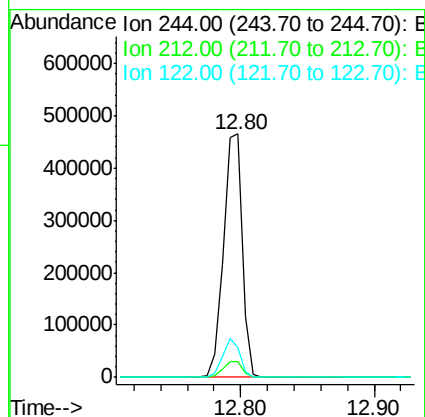
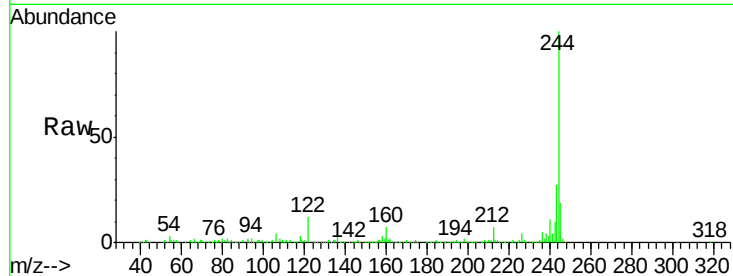




#78
 Terphenyl-d14
 Concen: 56.500 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

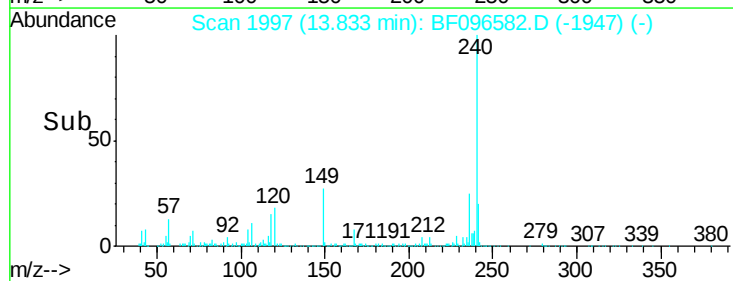
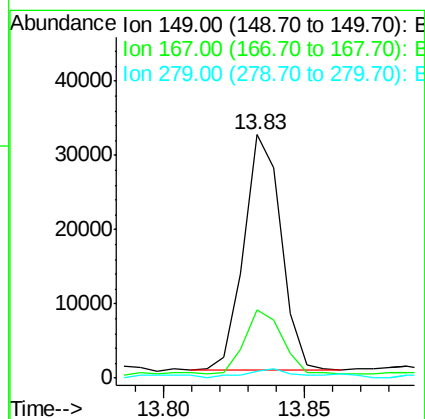
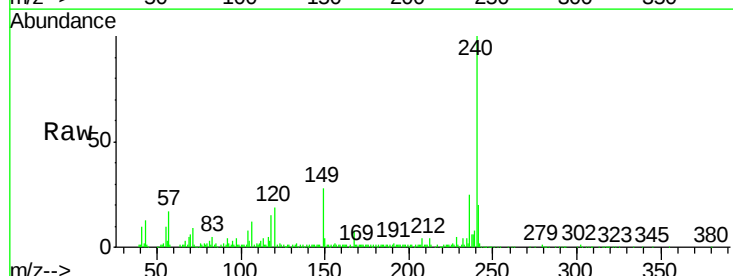
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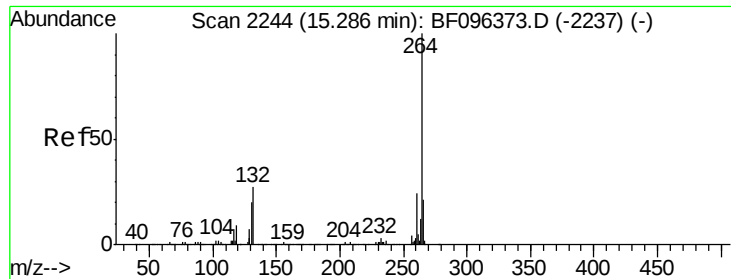
Tgt Ion:244 Resp: 464568
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 12.4 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.626 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

Tgt Ion:149 Resp: 28899
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.0 31.4
 279 2.8 1.9 2.9

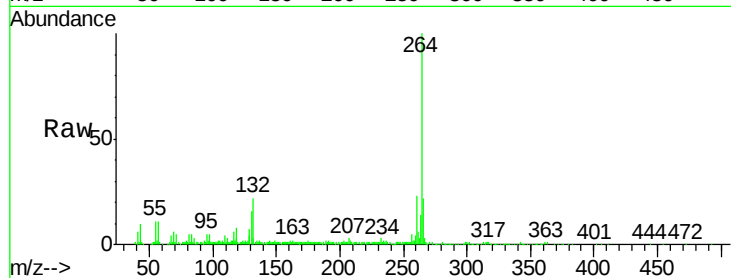




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Instrument :
BNA_F
ClientSampleId :
TP7-MH2103-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.0	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

