

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096974.D
 Acq On : 22 Jul 2017 6:57
 Operator : SJ/JU
 Sample : I4313-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-9

Quant Time: Jul 24 14:11:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

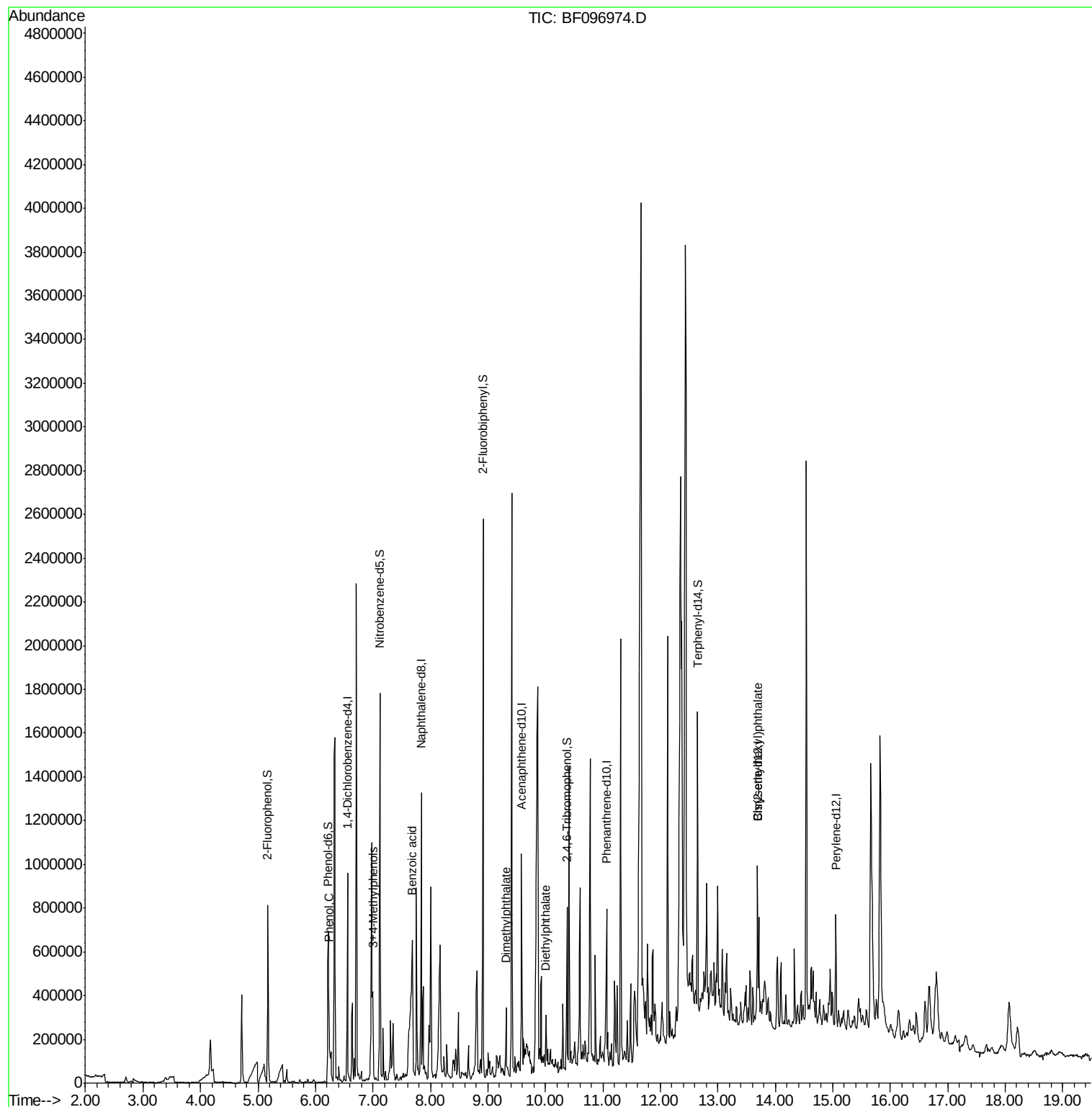
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	137741	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	564904	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	186791	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	244646	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	222839	20.00	ng	-0.05
86) Perylene-d12	15.05	264	205524	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	239665	26.16	ng	-0.03
7) Phenol-d6	6.22	99	219024	19.92	ng	-0.03
23) Nitrobenzene-d5	7.12	82	503339	55.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	77391	48.54	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	754746	63.84	ng	-0.05
78) Terphenyl-d14	12.65	244	450950	35.10	ng	-0.04
Target Compounds						
10) Phenol	6.23	94	56384	4.537	ng	94
20) 3+4-Methylphenols	7.00	107	104219	11.175	ng	# 57
32) Benzoic acid	7.69	122	180309	32.696	ng	97
49) Dimethylphthalate	9.31	163	107460	7.640	ng	98
59) Diethylphthalate	10.01	149	75176	5.490	ng	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	30153	2.577	ng	95

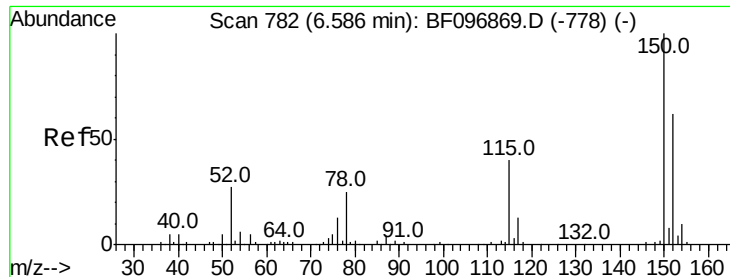
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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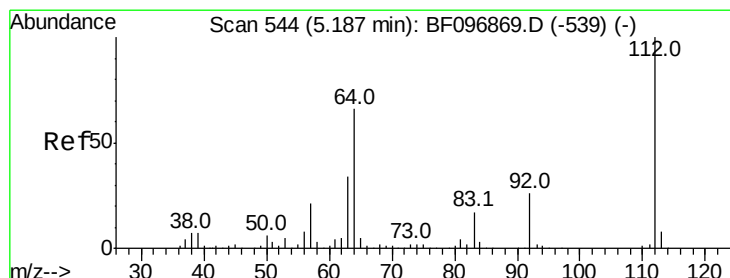
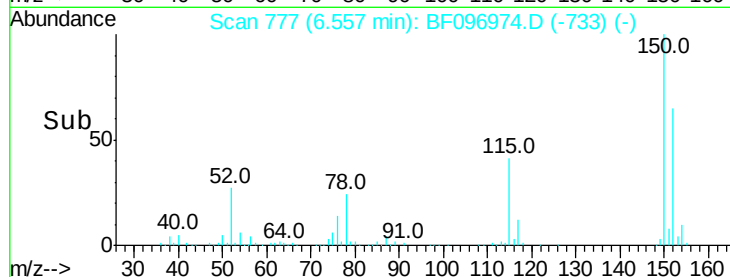
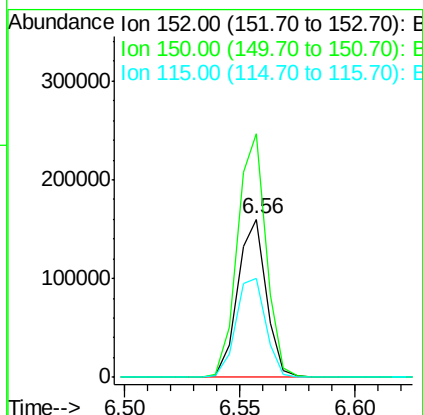
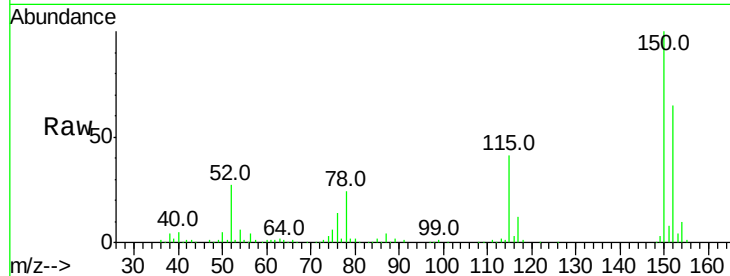


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Instrument :
BNA_F
ClientSampleId :
M-COMB-9

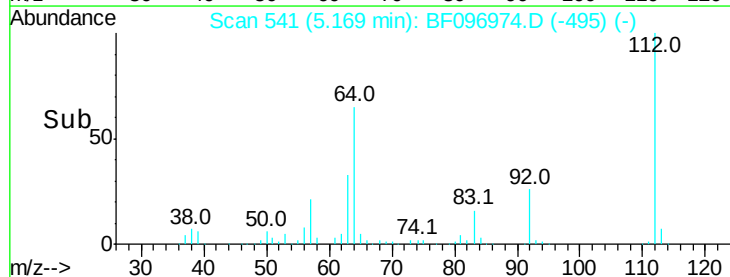
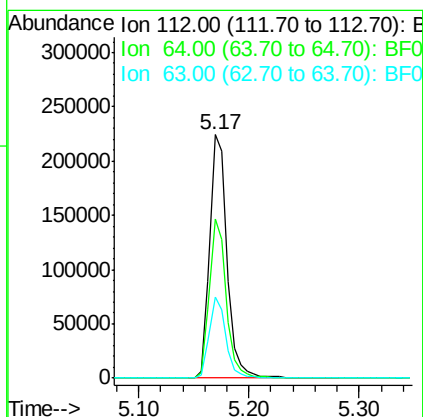
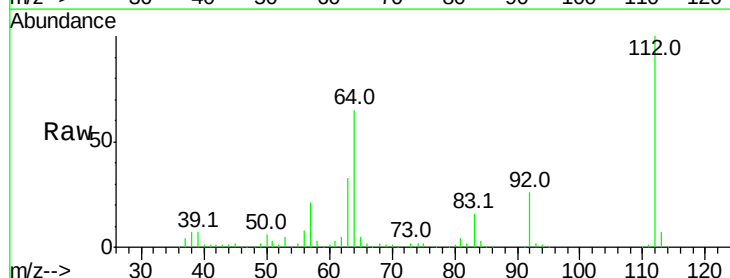
Tot Ion:152 Resp: 137741
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 62.6 52.2 78.2

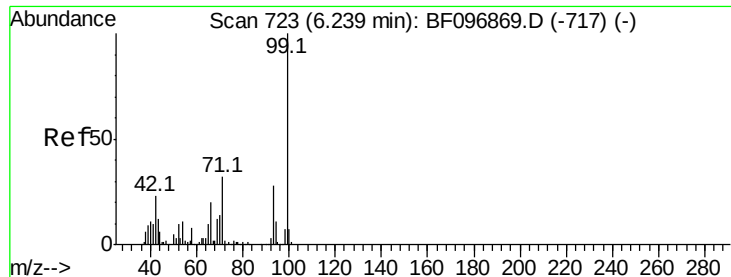


#5

2-Fluorophenol
Concen: 26.162 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Tgt Ion:112 Resp: 239665
Ion Ratio Lower Upper
112 100
64 65.4 46.0 69.0
63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 19.923 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096974.D

Acq: 22 Jul 2017 6:57

Instrument :

BNA_F

ClientSampleId :

M-COMB-9

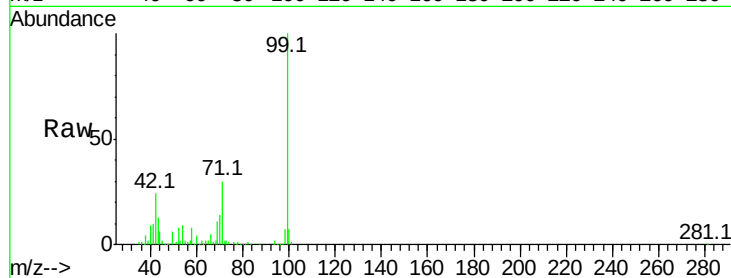
Tot Ion: 99 Resp: 219024

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

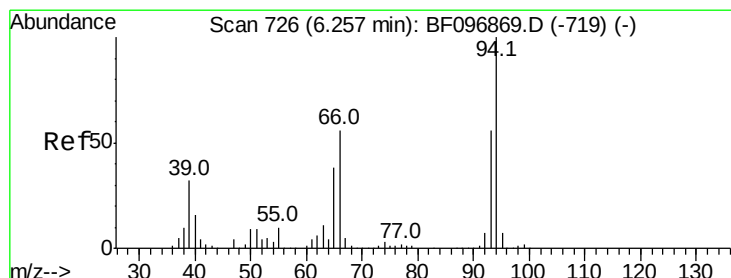
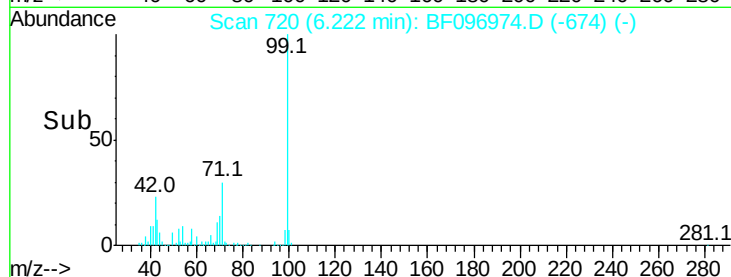
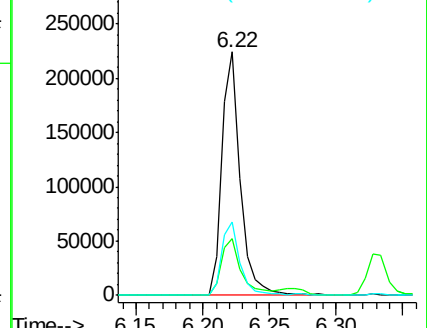
71 30.3 24.5 36.7



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



#10

Phenol

Concen: 4.537 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF096974.D

Acq: 22 Jul 2017 6:57

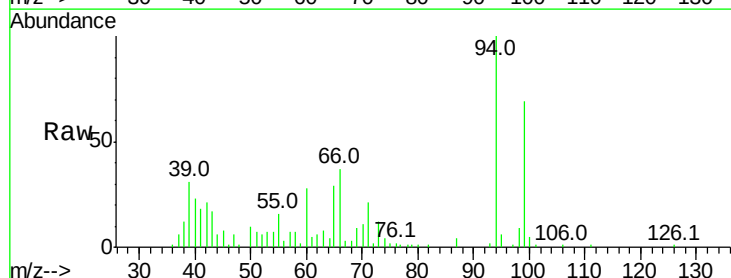
Tgt Ion: 94 Resp: 56384

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

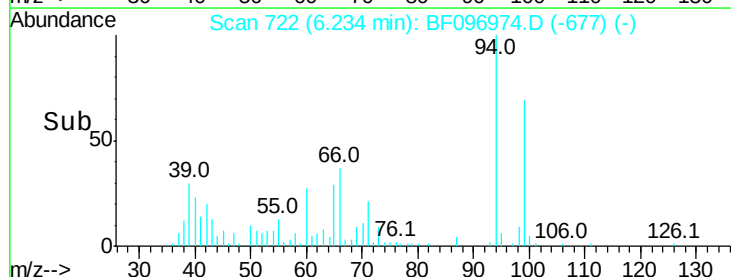
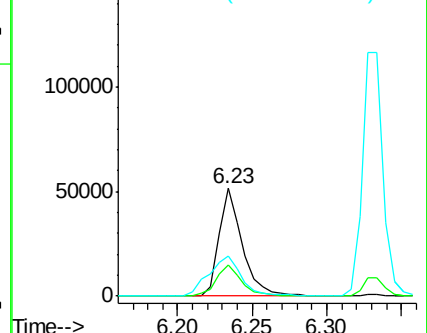
66 37.1 23.1 63.1

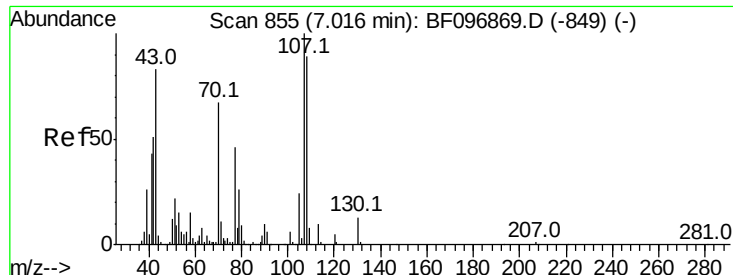


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

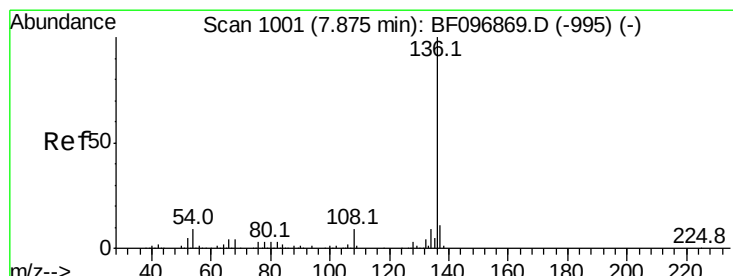
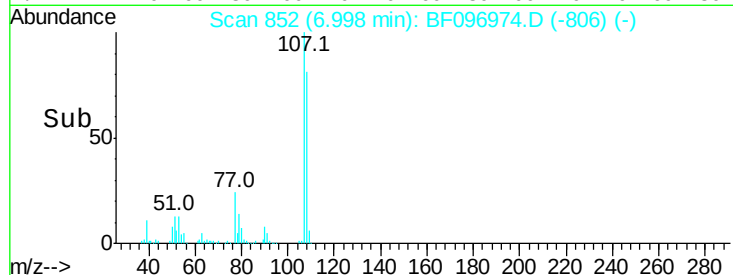
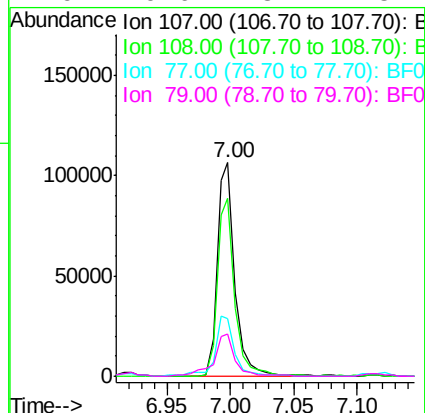
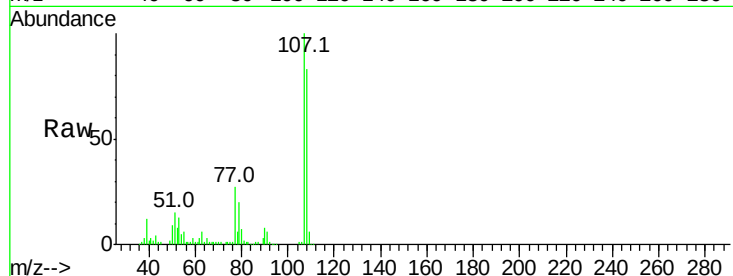




#20
3+4-Methylphenols
Concen: 11.175 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

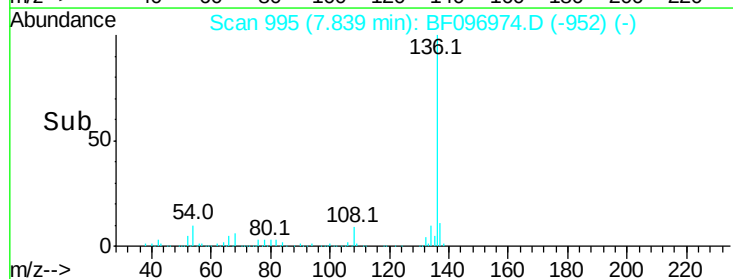
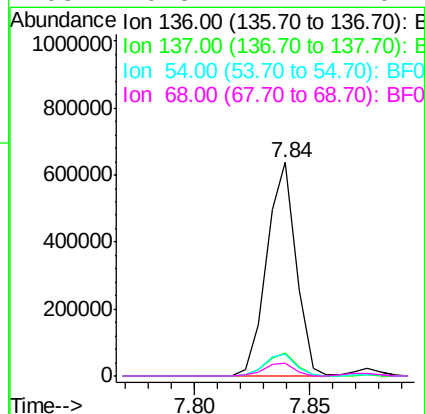
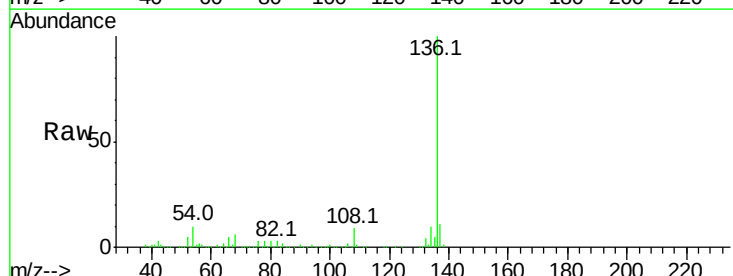
Instrument :
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M-COMB-9

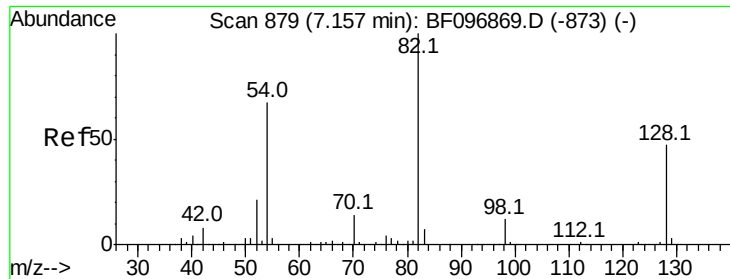
Tot Ion:	107	Resp:	104219
Ion	Ratio	Lower	Upper
107	100		
108	83.2	71.0	111.0
77	27.0	90.5	130.5#
79	19.6	8.4	48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Tgt Ion:	136	Resp:	564904
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.4	4.9	7.3#
68	6.3	4.1	6.1#

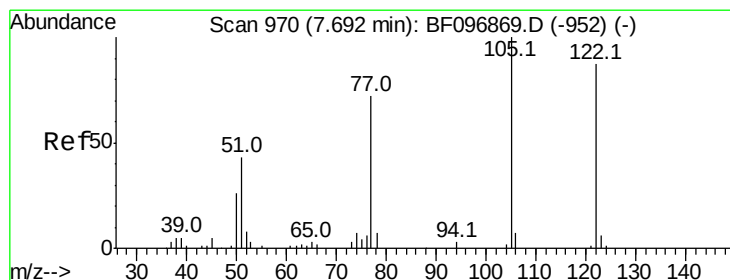
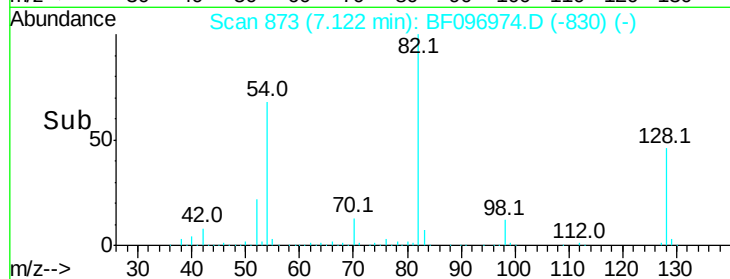
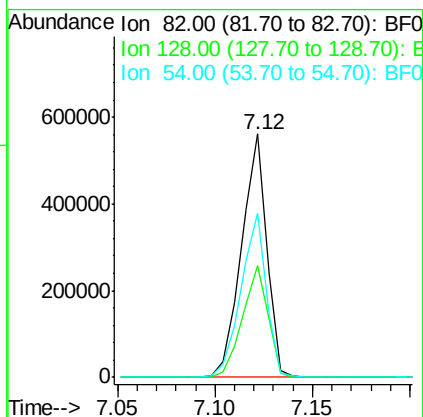
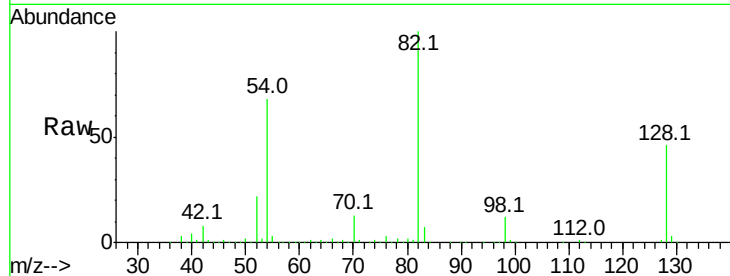




#23
Nitrobenzene-d5
Concen: 55.190 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

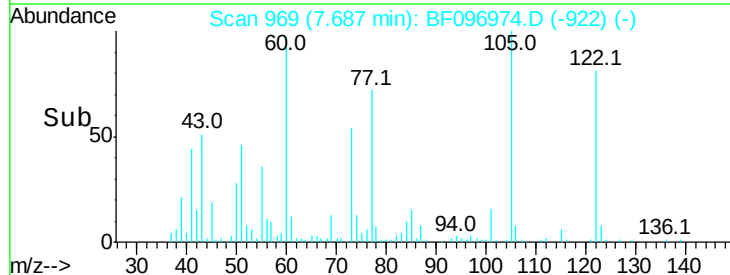
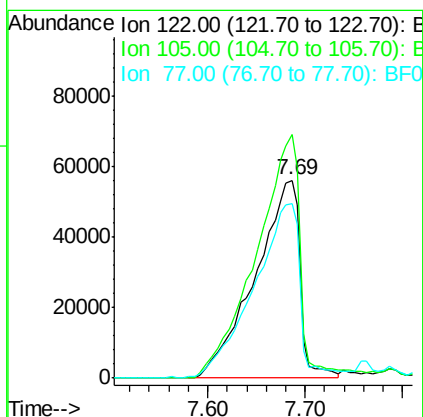
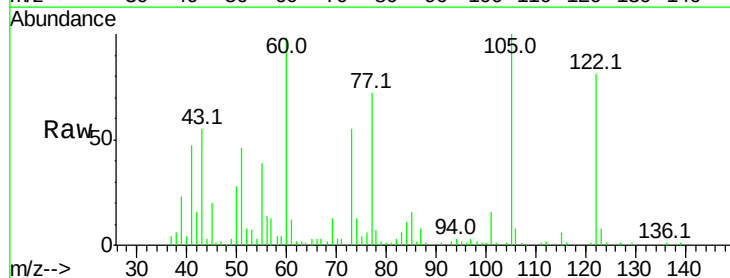
Instrument :
BNA_F
ClientSampleId :
M-COMB-9

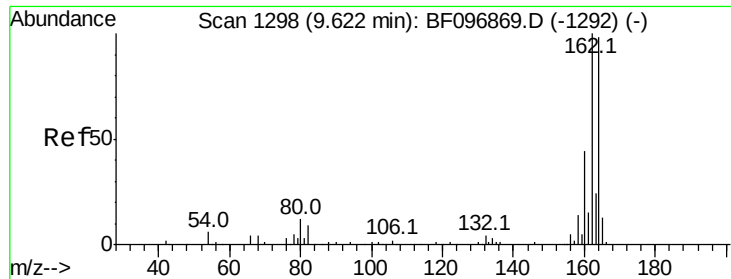
Tot Ion: 82 Resp: 503339
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 67.6 42.2 63.2#



#32
Benzoic acid
Concen: 32.696 ng
RT: 7.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Tgt Ion:122 Resp: 180309
Ion Ratio Lower Upper
122 100
105 122.9 103.3 143.3
77 88.3 73.7 113.7

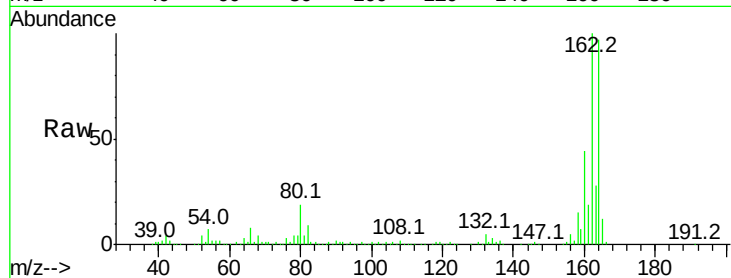




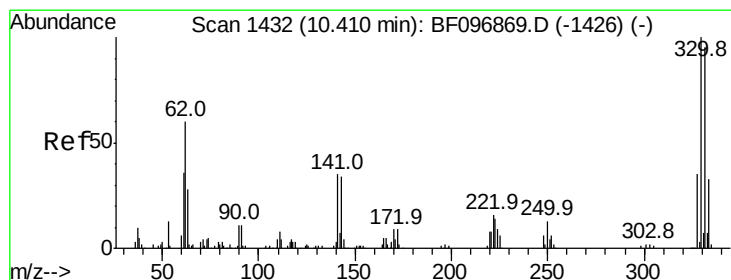
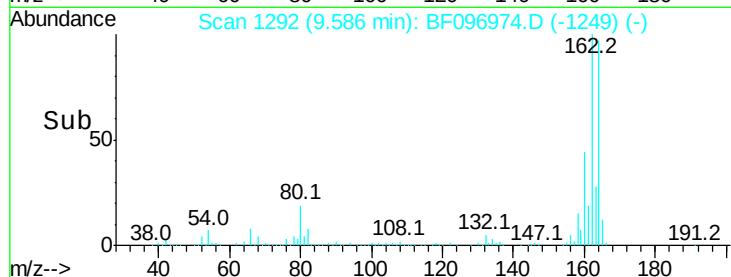
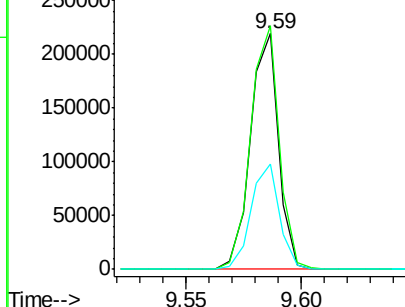
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096974.D
 Acq: 22 Jul 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-9

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.0	36.2	54.2

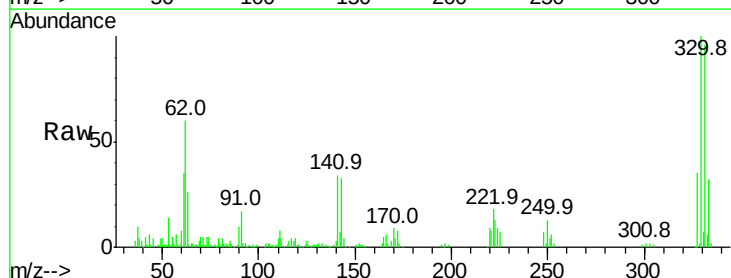


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

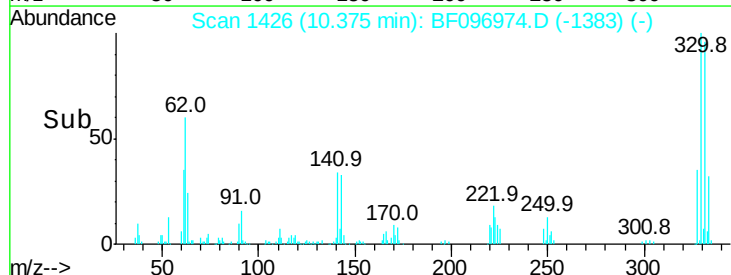
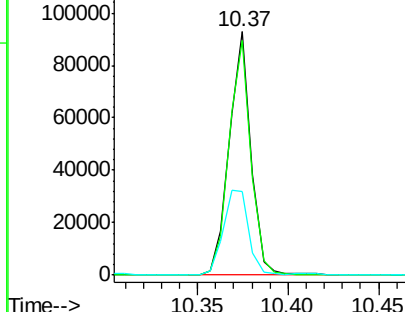


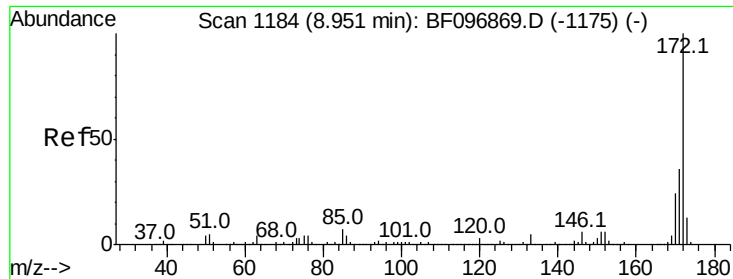
#41
 2,4,6-Tribromophenol
 Concen: 48.539 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096974.D
 Acq: 22 Jul 2017 6:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	40.7	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

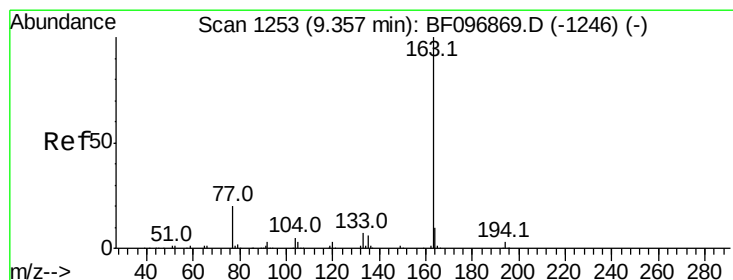
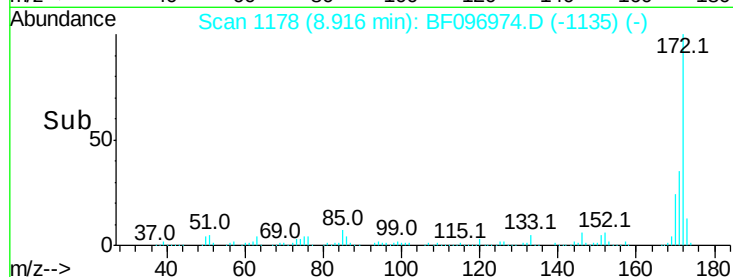
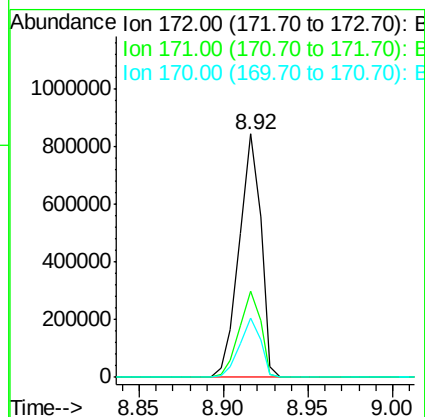
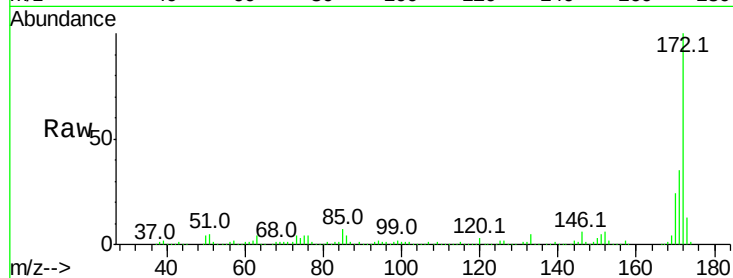




#44
2-Fluorobiphenyl
Concen: 63.838 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

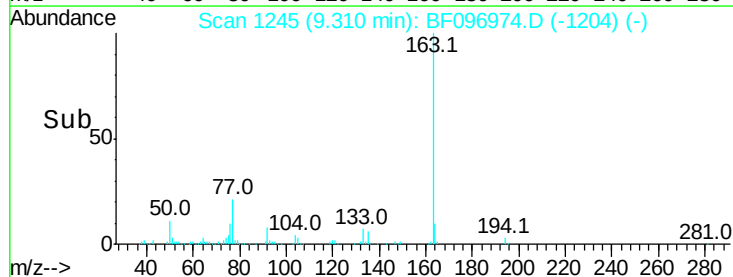
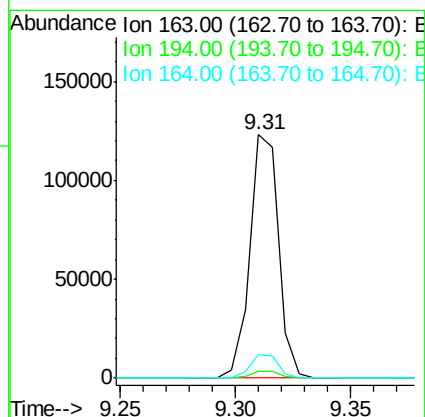
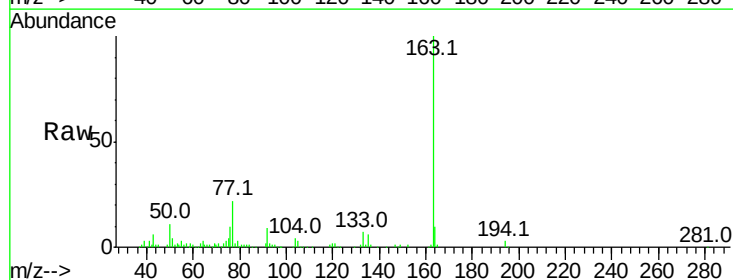
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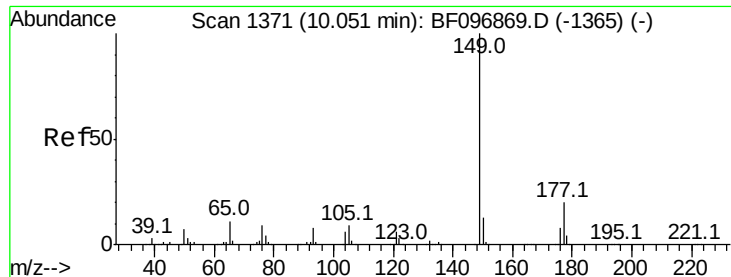
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.3	19.8	29.8



#49
Dimethylphthalate
Concen: 7.640 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.6	8.4	12.6

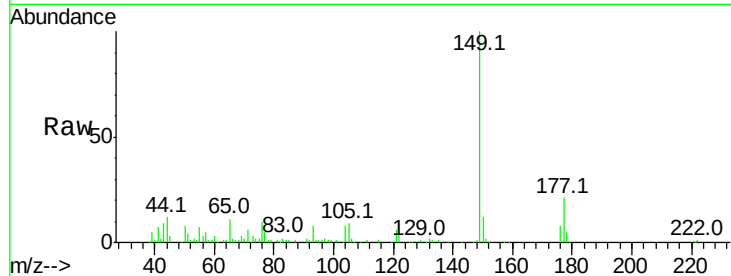




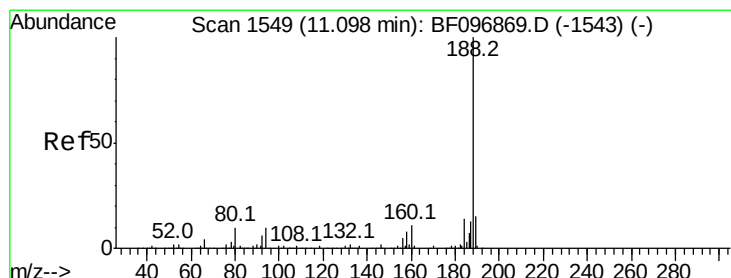
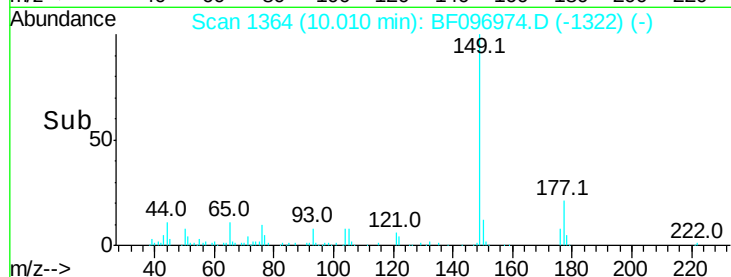
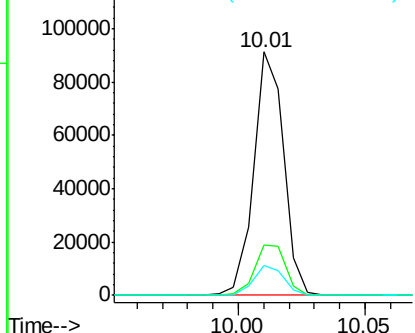
#59
Diethylphthalate
Concen: 5.490 ng
RT: 10.01 min Scan# 1364
Delta R.T. -0.05 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Instrument :
BNA_F
ClientSampleId :
M-COMB-9

Tot Ion:149 Resp: 75176
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.5 10.2 15.2

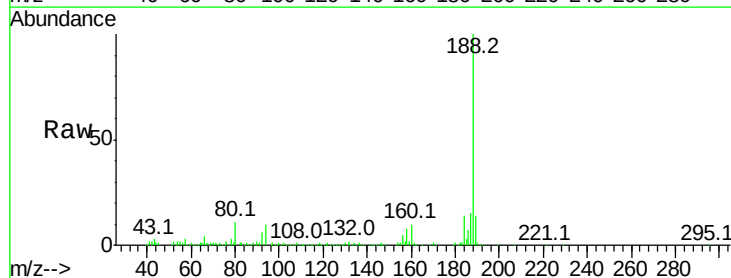


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

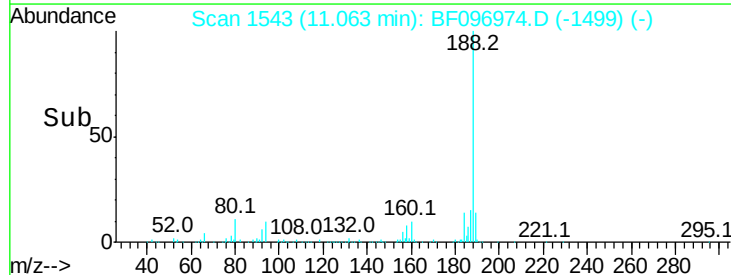
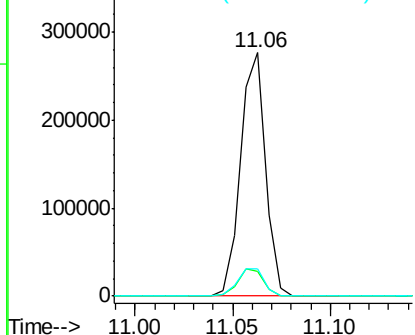


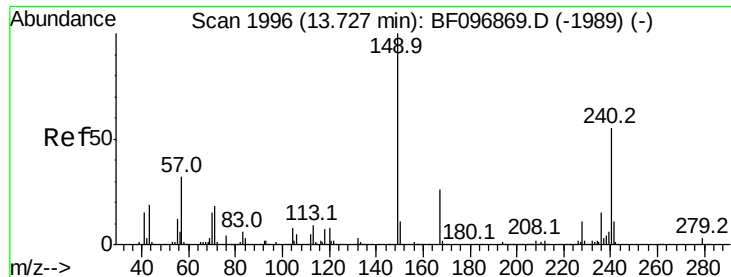
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096974.D
Acq: 22 Jul 2017 6:57

Tgt Ion:188 Resp: 244646
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 11.3 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: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096974.D

Acq: 22 Jul 2017 6:57

Instrument :

BNA_F

ClientSampleId :

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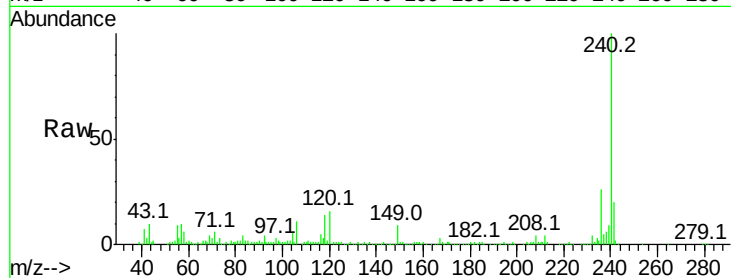
Tot Ion:240 Resp: 222839

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

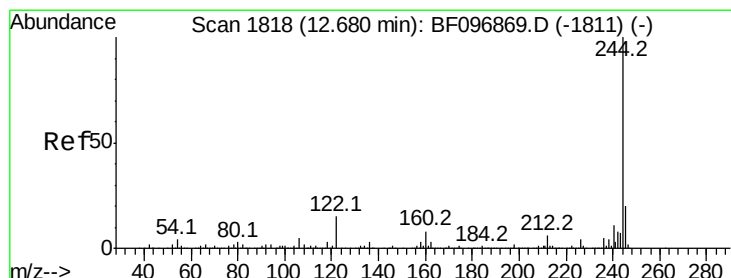
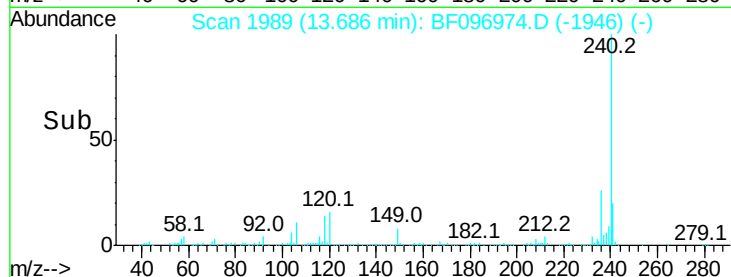
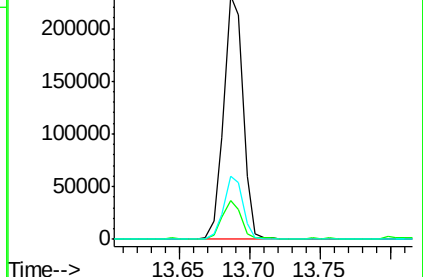
236 25.7 20.5 30.7



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: 35.096 ng

RT: 12.65 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF096974.D

Acq: 22 Jul 2017 6:57

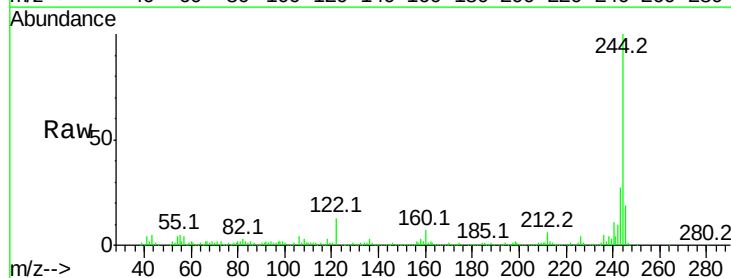
Tgt Ion:244 Resp: 450950

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

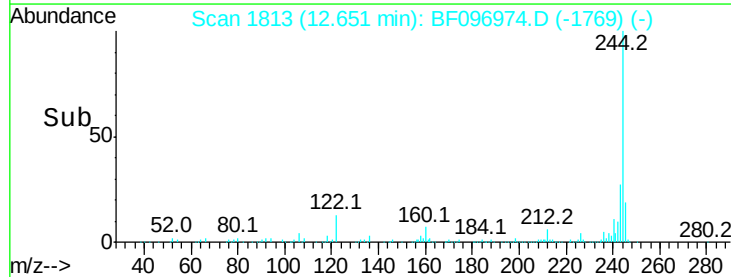
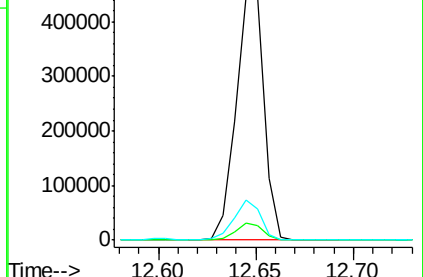
122 12.8 10.3 15.5

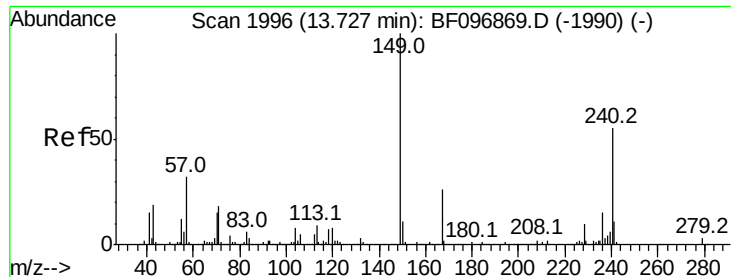


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.577 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096974.D

Acq: 22 Jul 2017 6:57

Instrument :

BNA_F

ClientSampleId :

M-COMB-9

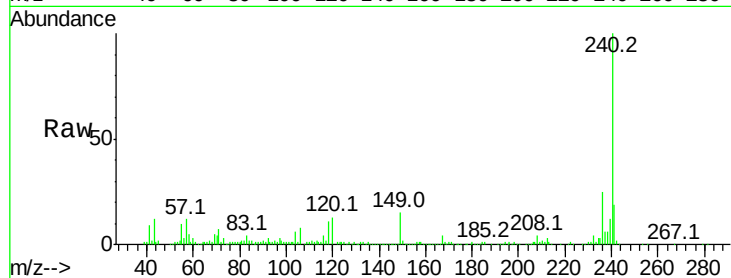
Tot Ion:149 Resp: 30153

Ion Ratio Lower Upper

149 100

167 28.7 21.0 31.4

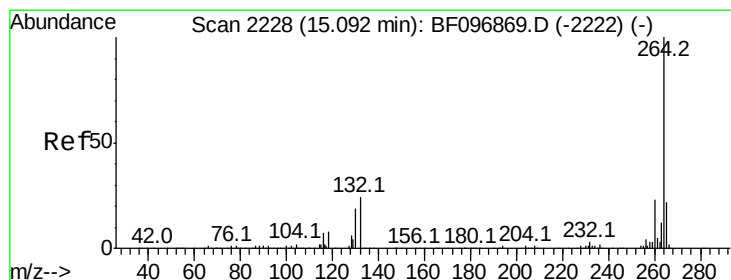
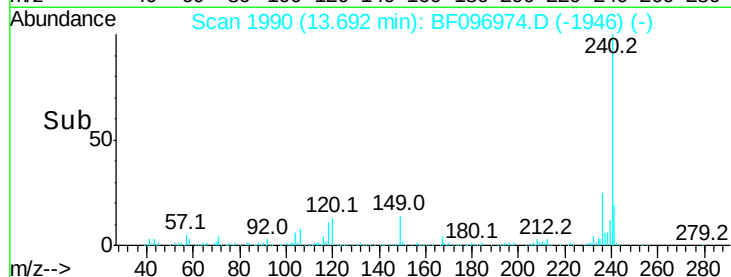
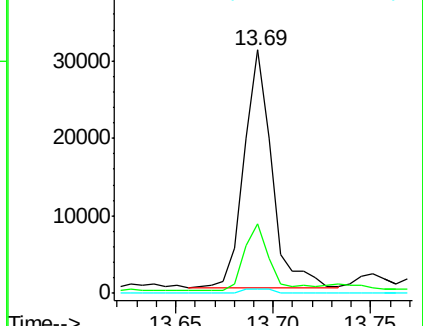
279 1.9 1.9 2.9



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: 15.05 min Scan# 2221

Delta R.T. -0.05 min

Lab File: BF096974.D

Acq: 22 Jul 2017 6:57

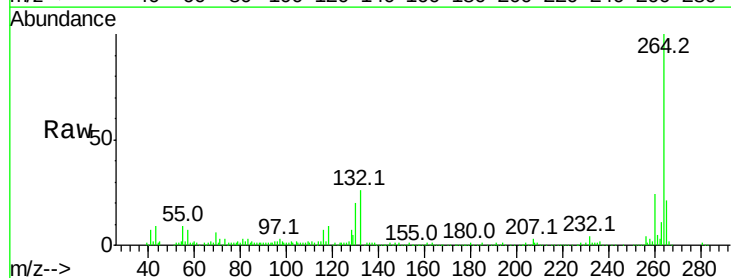
Tgt Ion:264 Resp: 205524

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.9 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

