

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079604.D
 Acq On : 30 May 2015 15:49
 Operator : TP/IZ
 Sample : G2416-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPL9.1(5)

Quant Time: May 31 05:45:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66024	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	268654	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	128198	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	232220	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	241727	20.00	ng	-0.06
86) Perylene-d12	17.50	264	257023	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	473333	124.35	ng	-0.02
7) Phenol-d6	6.54	99	614432	126.64	ng	-0.02
23) Nitrobenzene-d5	7.63	82	343339	73.88	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	175657	124.75	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	667967	74.34	ng	-0.02
78) Terphenyl-d14	14.50	244	696363	67.61	ng	-0.03

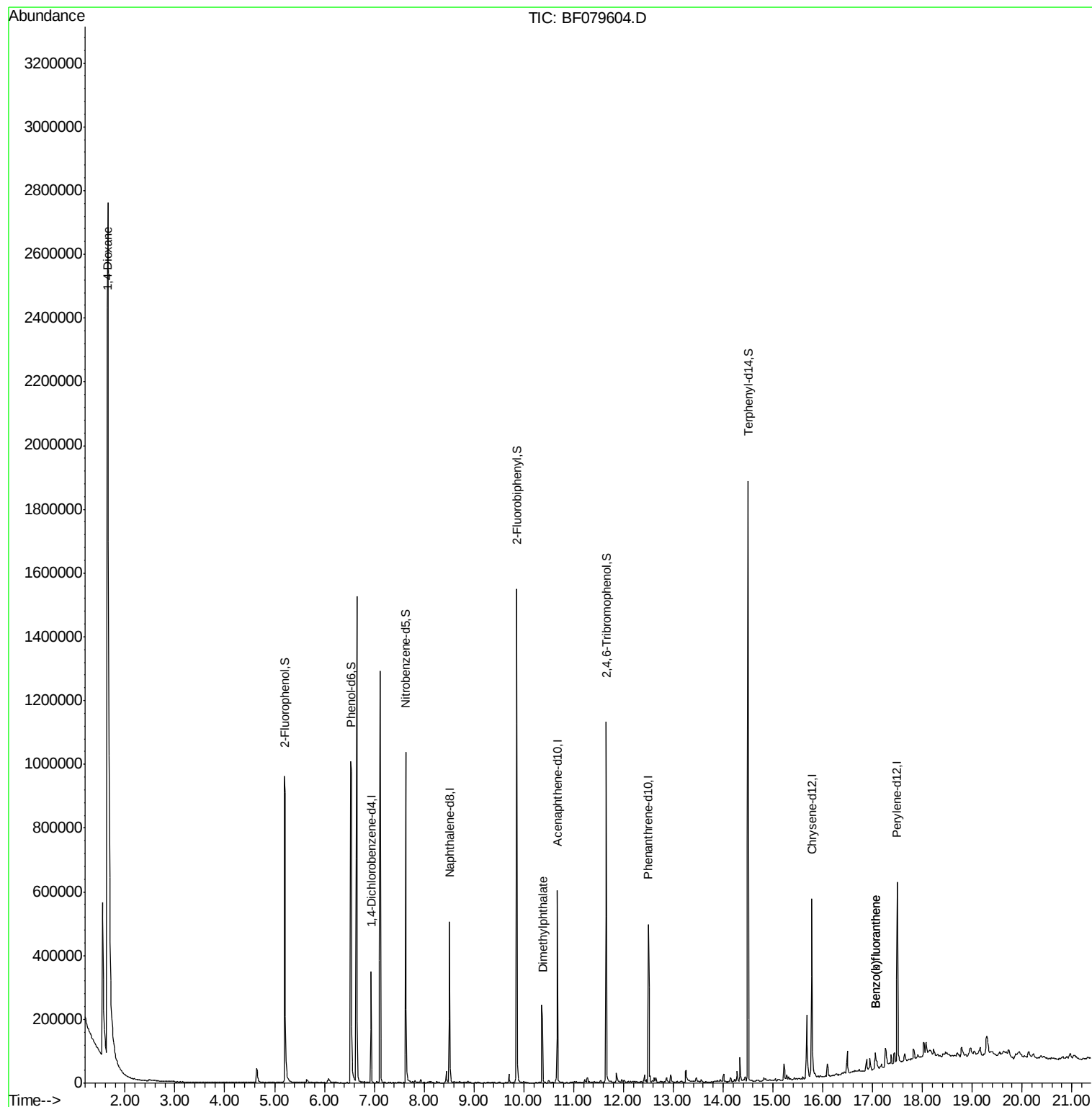
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.66	88	166723	92.07	ng	# 100
9) Benzaldehyde	6.52	77	742	Below Cal		# 1
49) Dimethylphthalate	10.38	163	150255	15.91	ng	# 99
73) Di-n-butylphthalate	13.27	149	1444	Below Cal		# 78
87) Benzo(b)fluoranthene	17.06	252	38917	2.65	ng	# 97
88) Benzo(k)fluoranthene	17.06	252	38917	2.97	ng	# 96
89) Benzo(a)pyrene	17.44	252	19695	Below Cal		# 94
90) Dibenzo(a,h)anthracene	18.87	278	1808	Below Cal		# 64
91) Benzo(g,h,i)perylene	19.15	276	22896	Below Cal		# 95

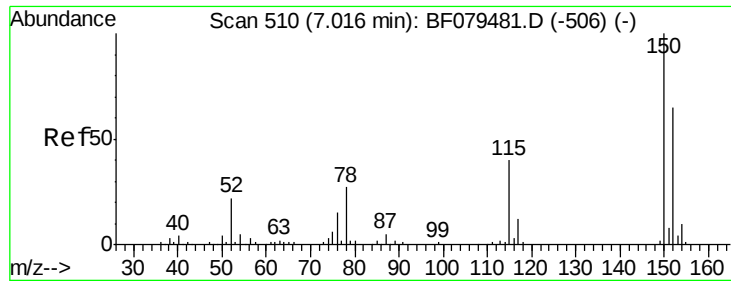
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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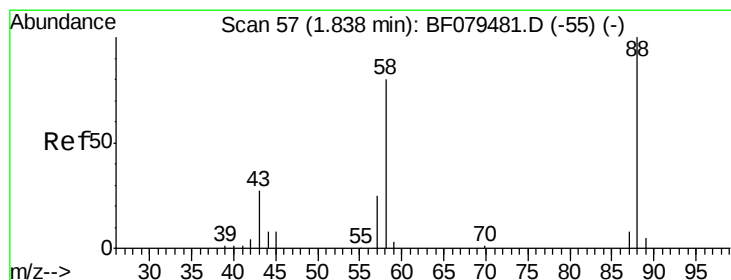
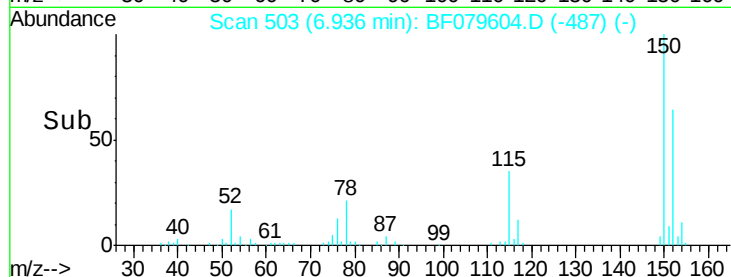
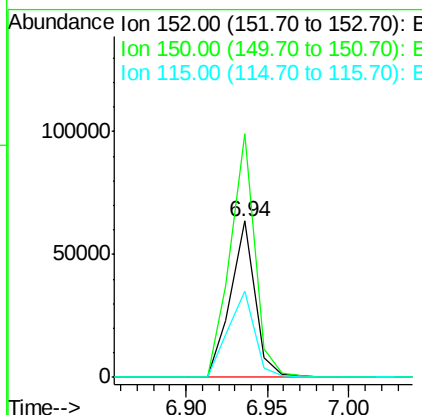
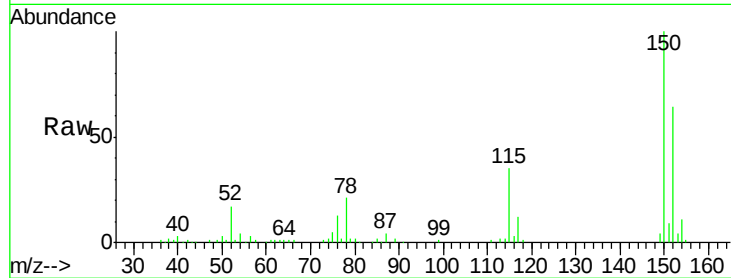




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF079604.D
 Acq: 30 May 2015 15:49

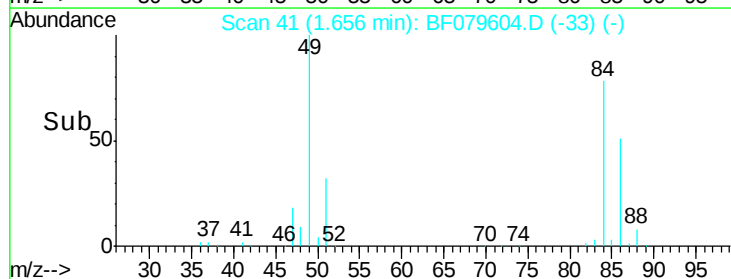
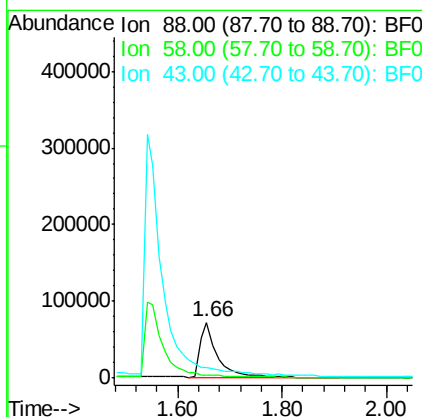
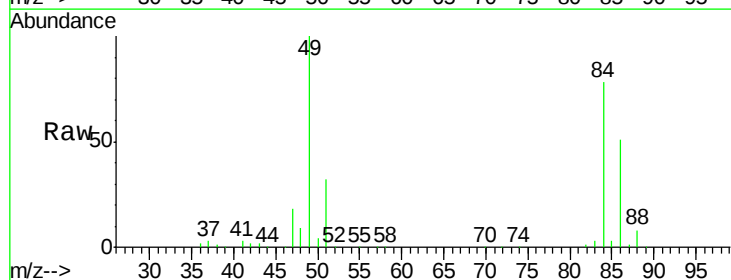
Instrument :
 BNA_F
 ClientSampled :
 RAMPL9.1(5)

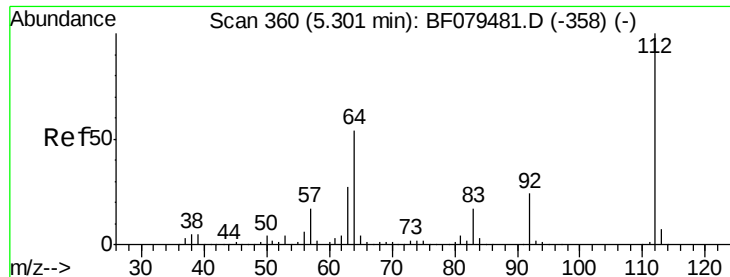
Tgt Ion:152 Resp: 66024
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.0 186.0
 115 54.9 49.6 74.4



#2
 1,4-Dioxane
 Concen: 92.07 ng
 RT: 1.66 min Scan# 41
 Delta R.T. -0.11 min
 Lab File: BF079604.D
 Acq: 30 May 2015 15:49

Tgt Ion: 88 Resp: 166723
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0





#5

2-Fluorophenol

Concen: 124.35 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079604.D

Acq: 30 May 2015 15:49

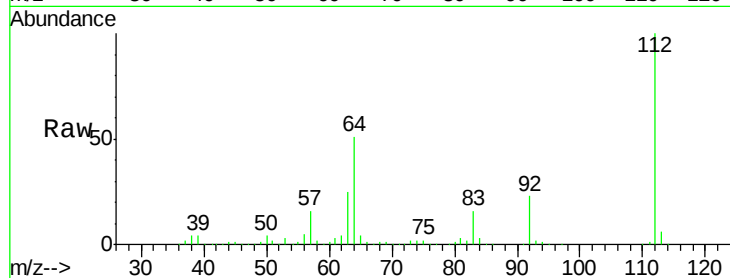
Instrument :

BNA_F

ClientSampleId :

RAMPL9.1(5)

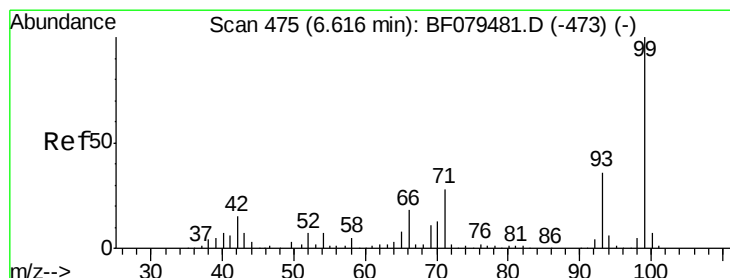
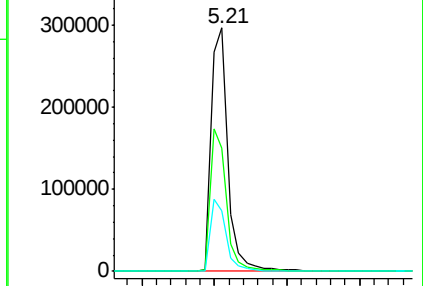
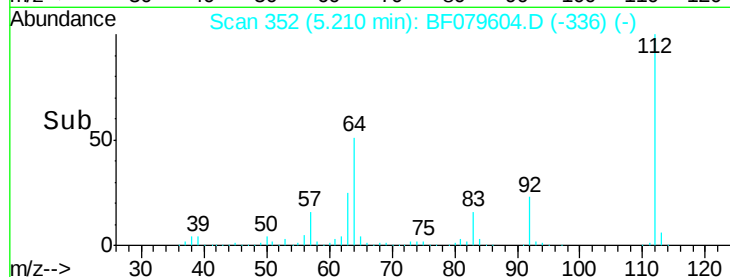
Tgt Ion:	112	Resp:	473333
Ion	Ratio	Lower	Upper
112	100		
64	50.8	43.5	65.3
63	25.0	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): BF079481.D (-358) (-)

Ion 64.00 (63.70 to 64.70): BF079481.D (-358) (-)

Ion 63.00 (62.70 to 63.70): BF079481.D (-358) (-)



#7

Phenol-d6

Concen: 126.64 ng

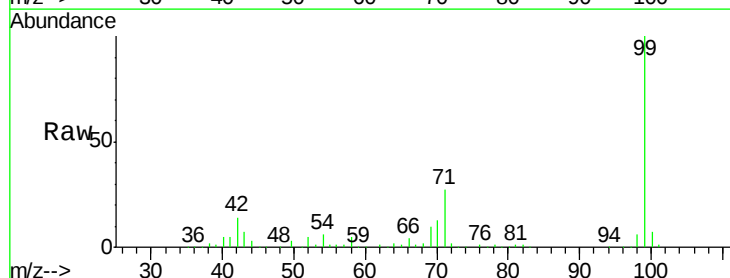
RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079604.D

Acq: 30 May 2015 15:49

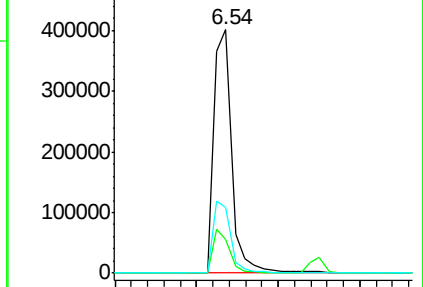
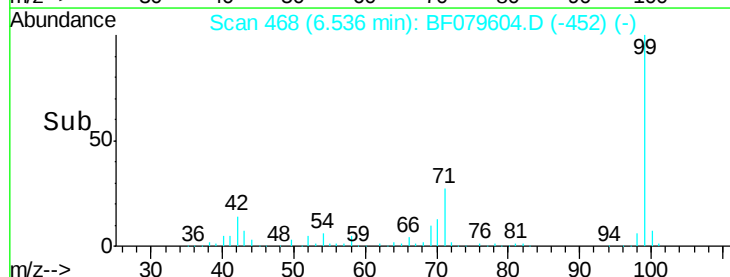
Tgt Ion:	99	Resp:	614432
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.9	17.9
71	27.0	22.1	33.1

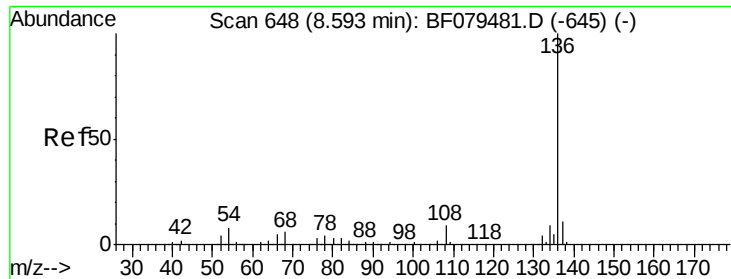


Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079481.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079481.D (-473) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF079604.D

Acq: 30 May 2015 15:49

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 268654

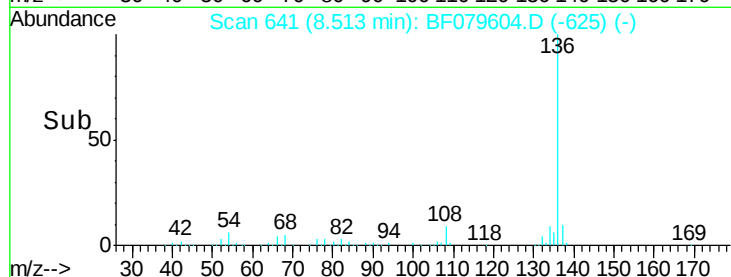
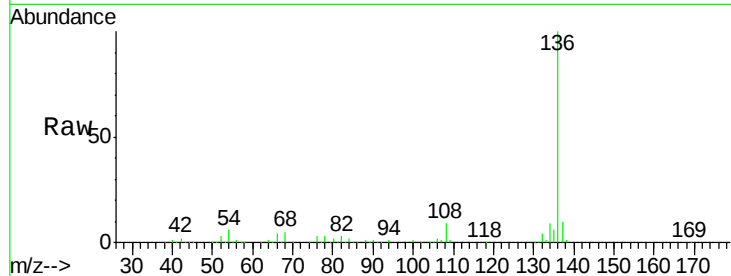
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 6.6 9.8#

68 5.2 4.7 7.1

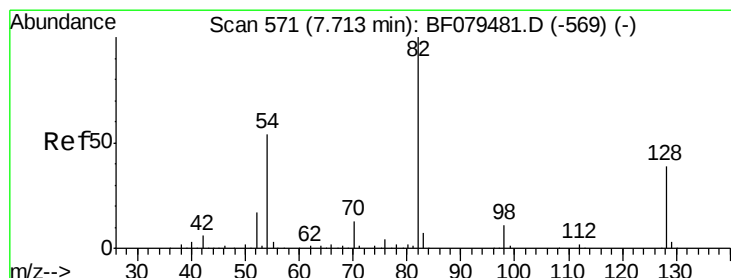
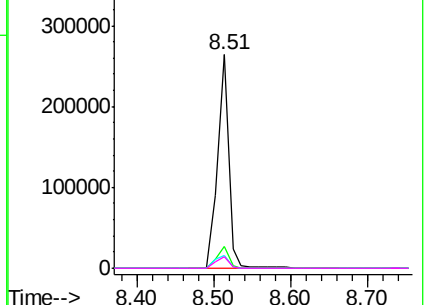


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.88 ng

RT: 7.63 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF079604.D

Acq: 30 May 2015 15:49

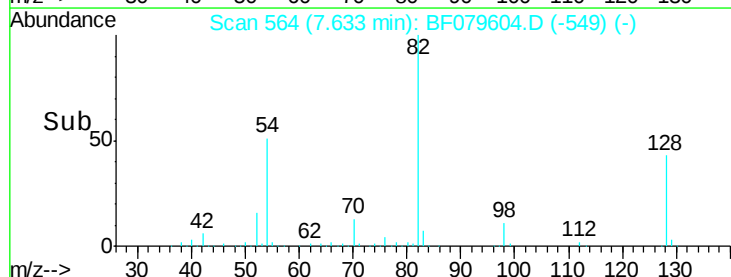
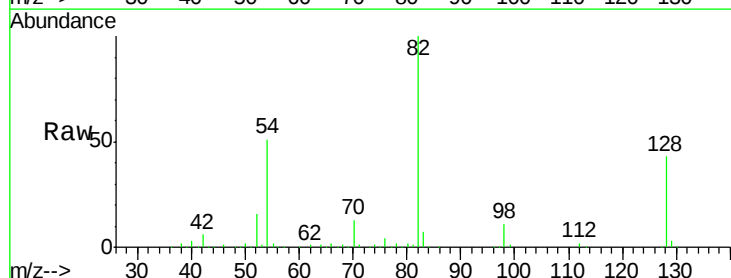
Tgt Ion: 82 Resp: 343339

Ion Ratio Lower Upper

82 100

128 42.7 30.8 46.2

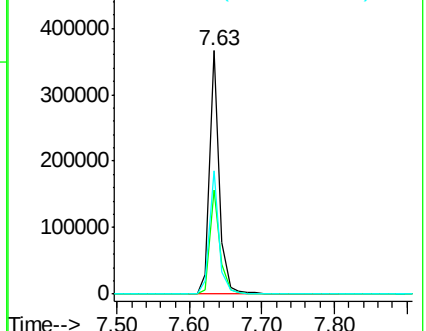
54 50.6 42.8 64.2

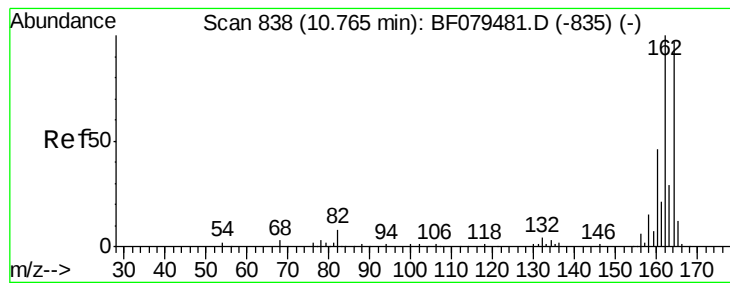


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.67 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF079604.D

Acq: 30 May 2015 15:49

Instrument :

BNA_F

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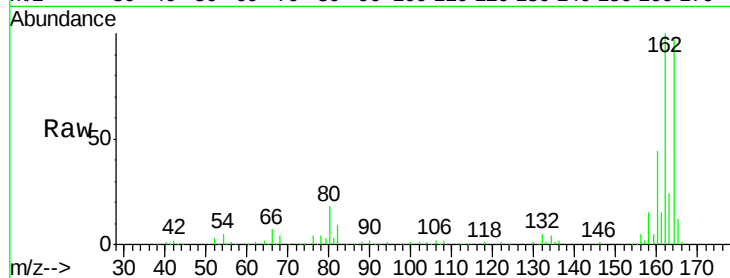
Tgt Ion:164 Resp: 128198

Ion Ratio Lower Upper

164 100

162 102.7 82.6 124.0

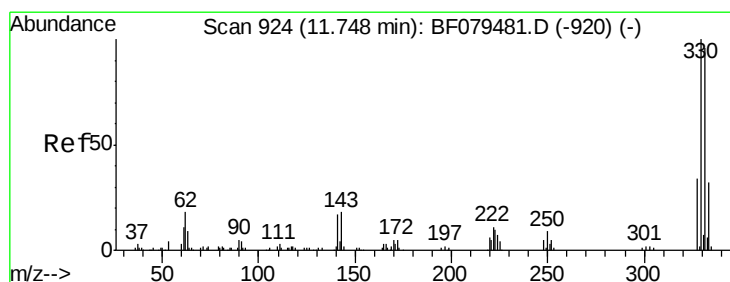
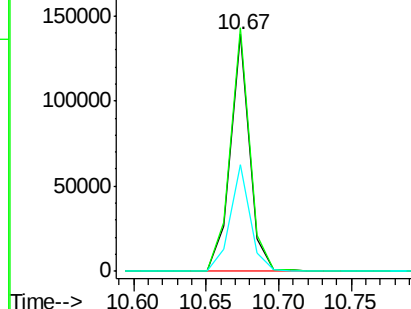
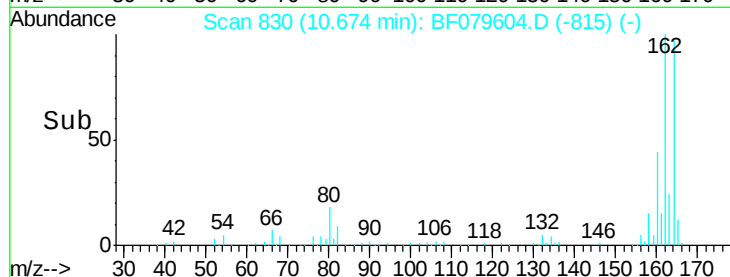
160 45.1 37.7 56.5



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: 124.75 ng

RT: 11.66 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF079604.D

Acq: 30 May 2015 15:49

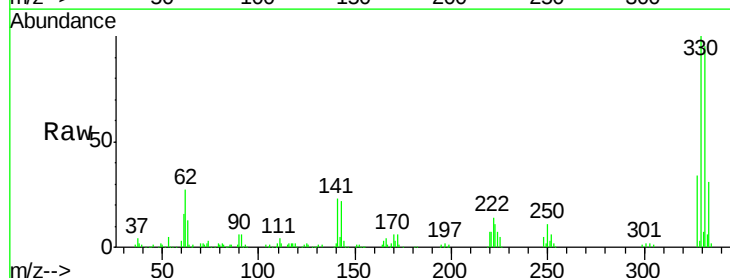
Tgt Ion:330 Resp: 175657

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

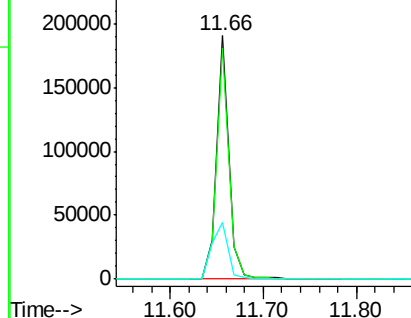
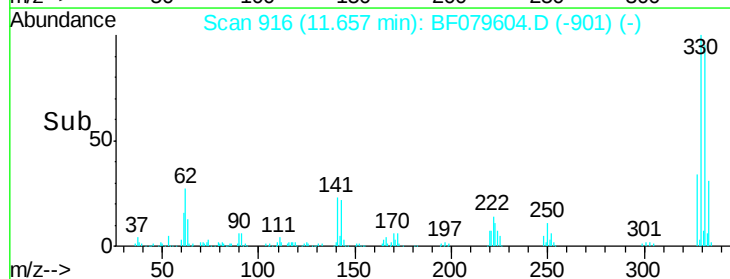
141 31.1 0.0 0.0#

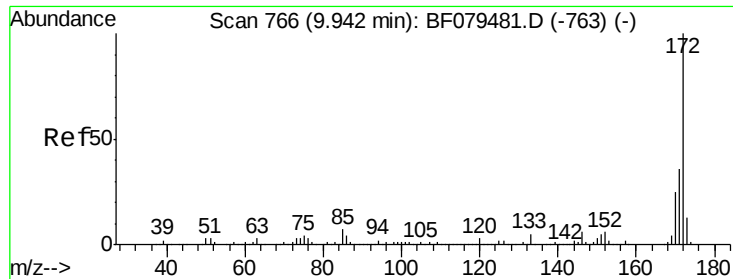


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

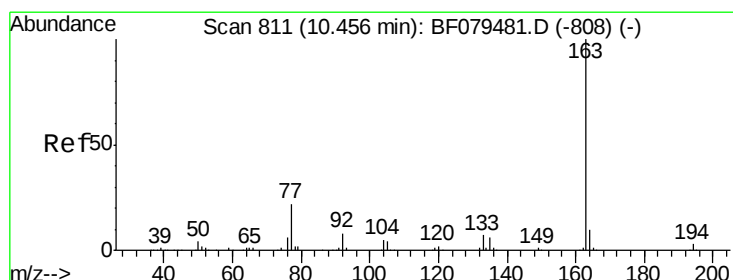
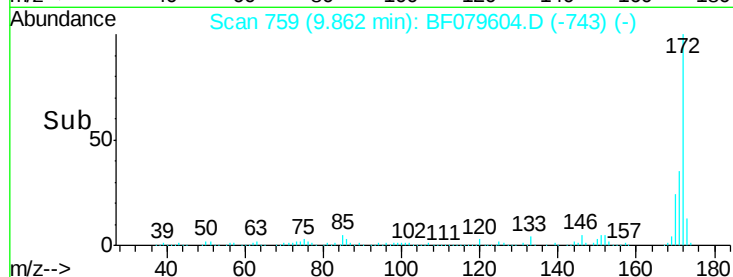
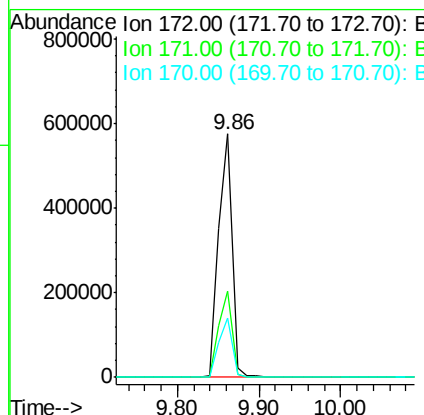
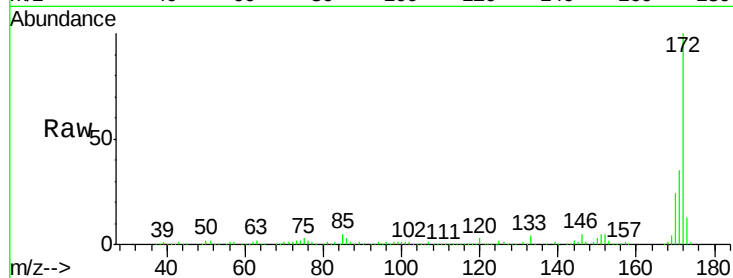




#44
 2-Fluorobiphenyl
 Concen: 74.34 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079604.D
 Acq: 30 May 2015 15:49

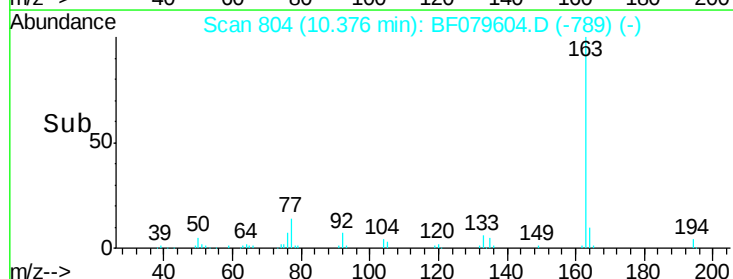
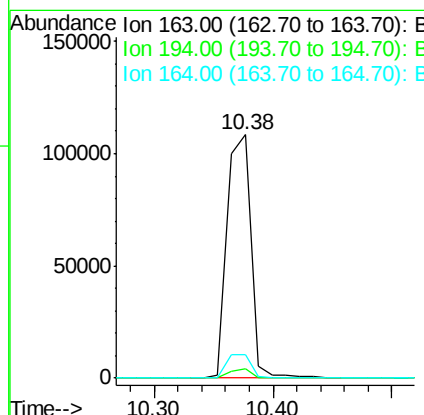
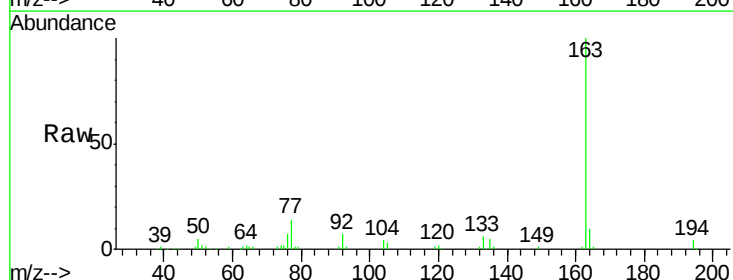
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 RAMPL9.1(5)

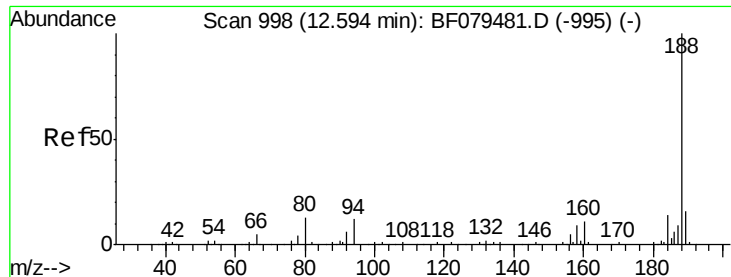
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.1	19.7	29.5



#49
 Dimethylphthalate
 Concen: 15.91 ng
 RT: 10.38 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF079604.D
 Acq: 30 May 2015 15:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.4	3.6#
164	9.9	8.2	12.4

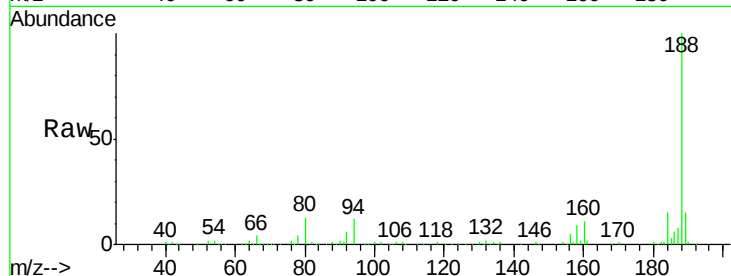




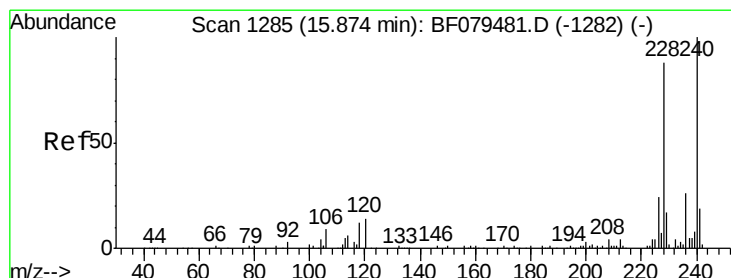
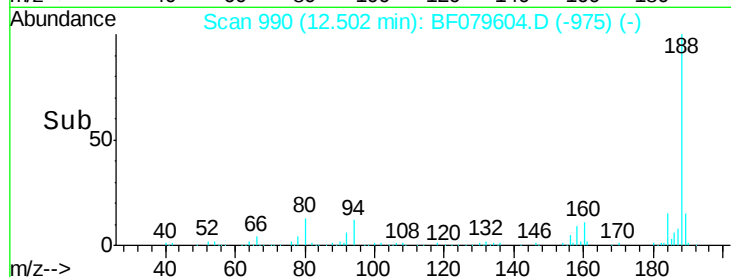
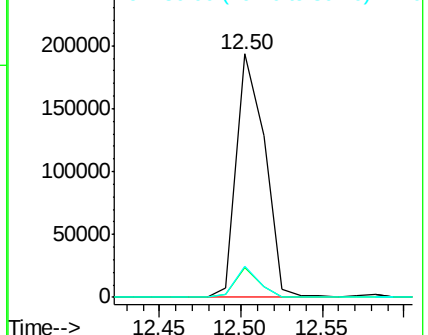
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF079604.D
Acq: 30 May 2015 15:49

Instrument :
BNA_F
ClientSampleId :
RAMPL9.1(5)

Tgt Ion:188 Resp: 232220
Ion Ratio Lower Upper
188 100
94 12.4 9.8 14.6
80 12.7 10.5 15.7

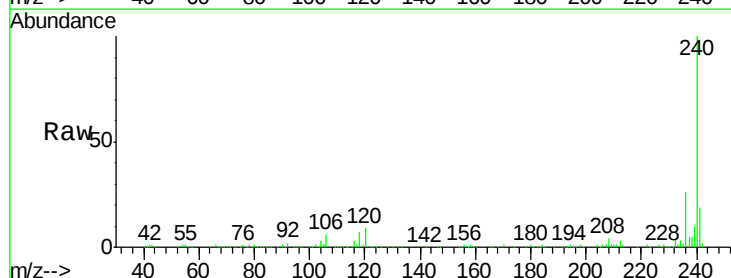


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

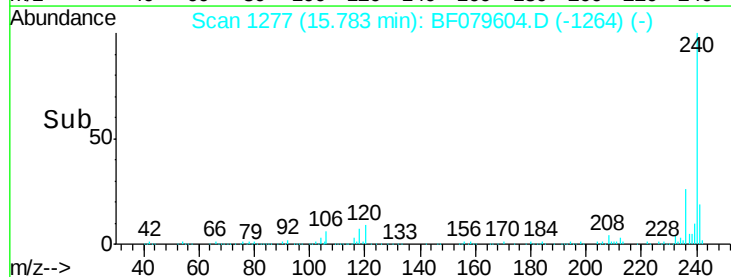
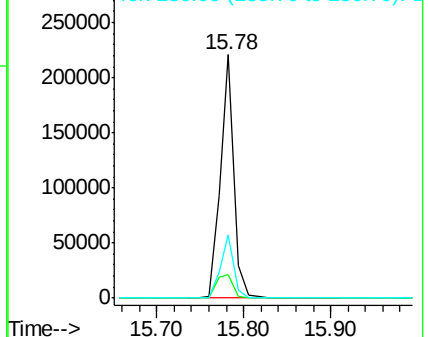


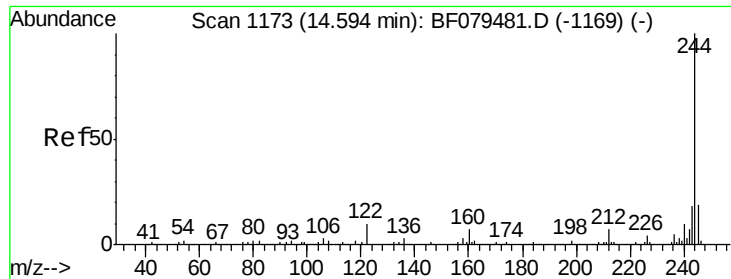
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF079604.D
Acq: 30 May 2015 15:49

Tgt Ion:240 Resp: 241727
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.9 21.0 31.6



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

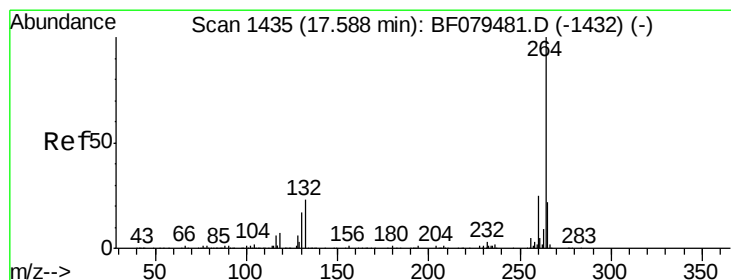
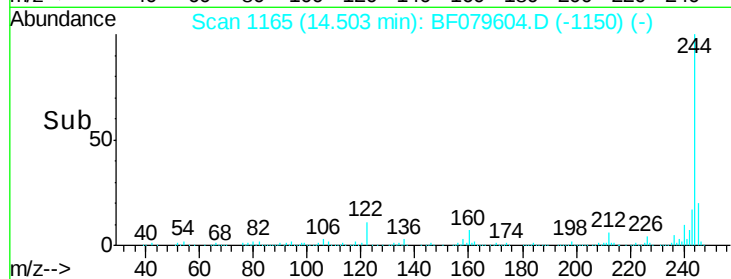
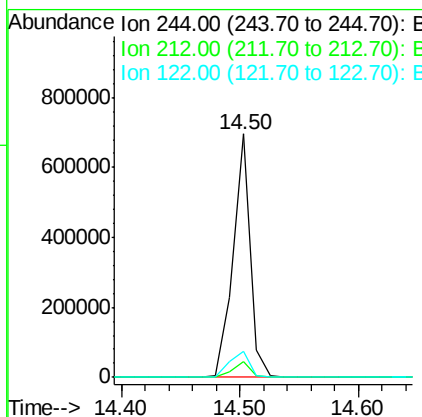
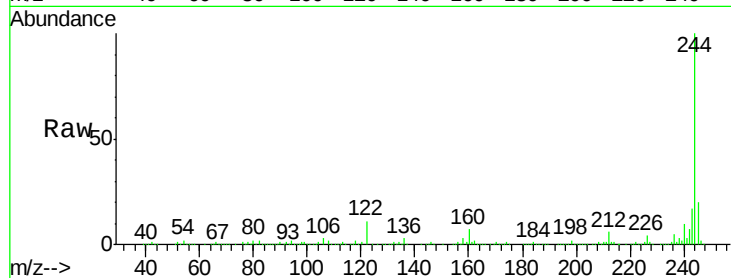




#78
 Terphenyl-d14
 Concen: 67.61 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079604.D
 Acq: 30 May 2015 15:49

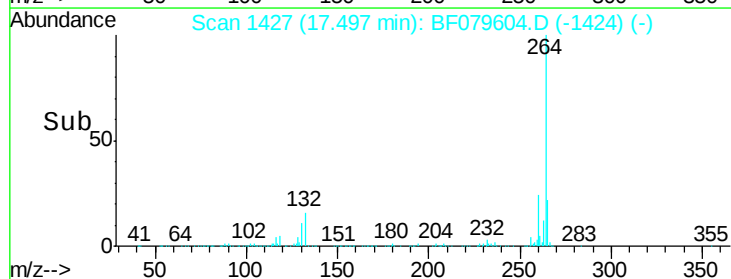
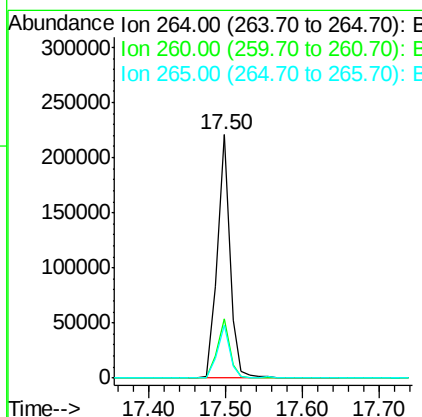
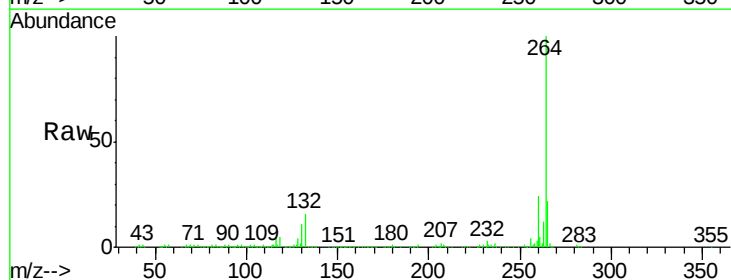
Instrument :
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 ClientSampleId :
 RAMPL9.1(5)

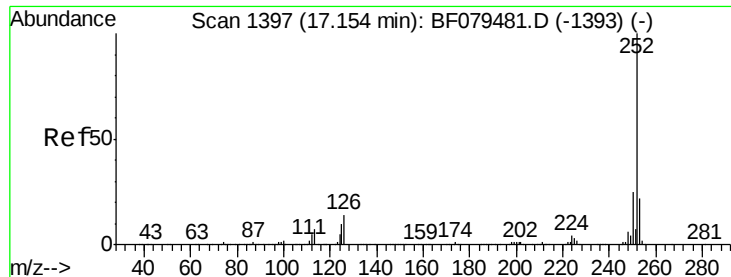
Tgt Ion: 244 Resp: 696363
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.50 min Scan# 1427
 Delta R.T. -0.17 min
 Lab File: BF079604.D
 Acq: 30 May 2015 15:49

Tgt Ion: 264 Resp: 257023
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 21.7 17.8 26.6

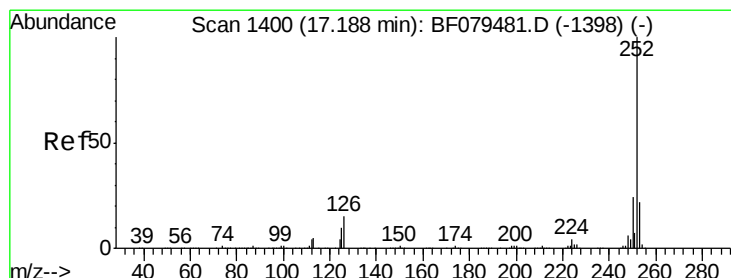
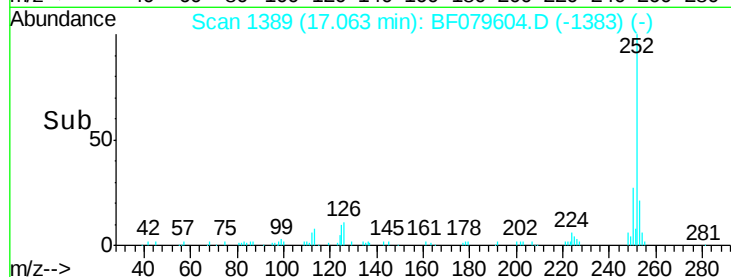
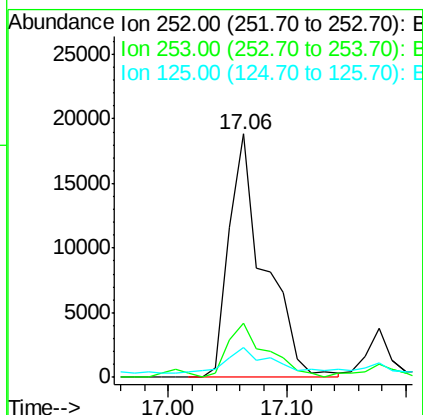
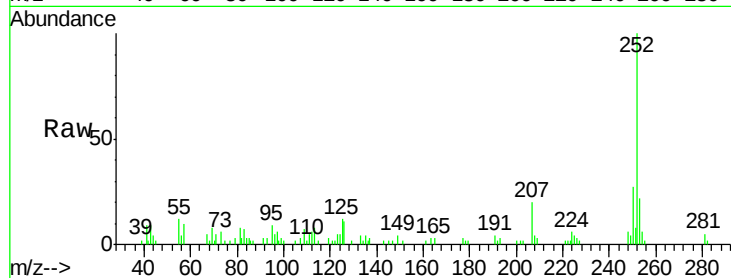




#87
Benzo(b)fluoranthene
Concen: 2.65 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.14 min
Lab File: BF079604.D
Acq: 30 May 2015 15:49

Instrument :
BNA_F
ClientSampleId :
RAMPL9.1(5)

Tgt Ion:252 Resp: 38917
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 12.1 7.8 11.6#



#88
Benzo(k)fluoranthene
Concen: 2.97 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.17 min
Lab File: BF079604.D
Acq: 30 May 2015 15:49

Tgt Ion:252 Resp: 38917
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 12.1 6.8 10.2#

