

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079642.D
 Acq On : 31 May 2015 19:36
 Operator : TP/IZ
 Sample : G2427-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL1(0-2)

Quant Time: Jun 01 04:45:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	66418	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	276741	20.00	ng	0.01
38) Acenaphthene-d10	10.65	164	135120	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	255438	20.00	ng	0.00
75) Chrysene-d12	15.77	240	269484	20.00	ng	0.02
86) Perylene-d12	17.54	264	278367	20.00	ng	0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	338209	88.32	ng	0.01
7) Phenol-d6	6.51	99	456748	93.58	ng	0.01
23) Nitrobenzene-d5	7.61	82	268374	56.06	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	137217	92.46	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	572260	60.42	ng	0.01
78) Terphenyl-d14	14.48	244	682207	59.41	ng	0.01

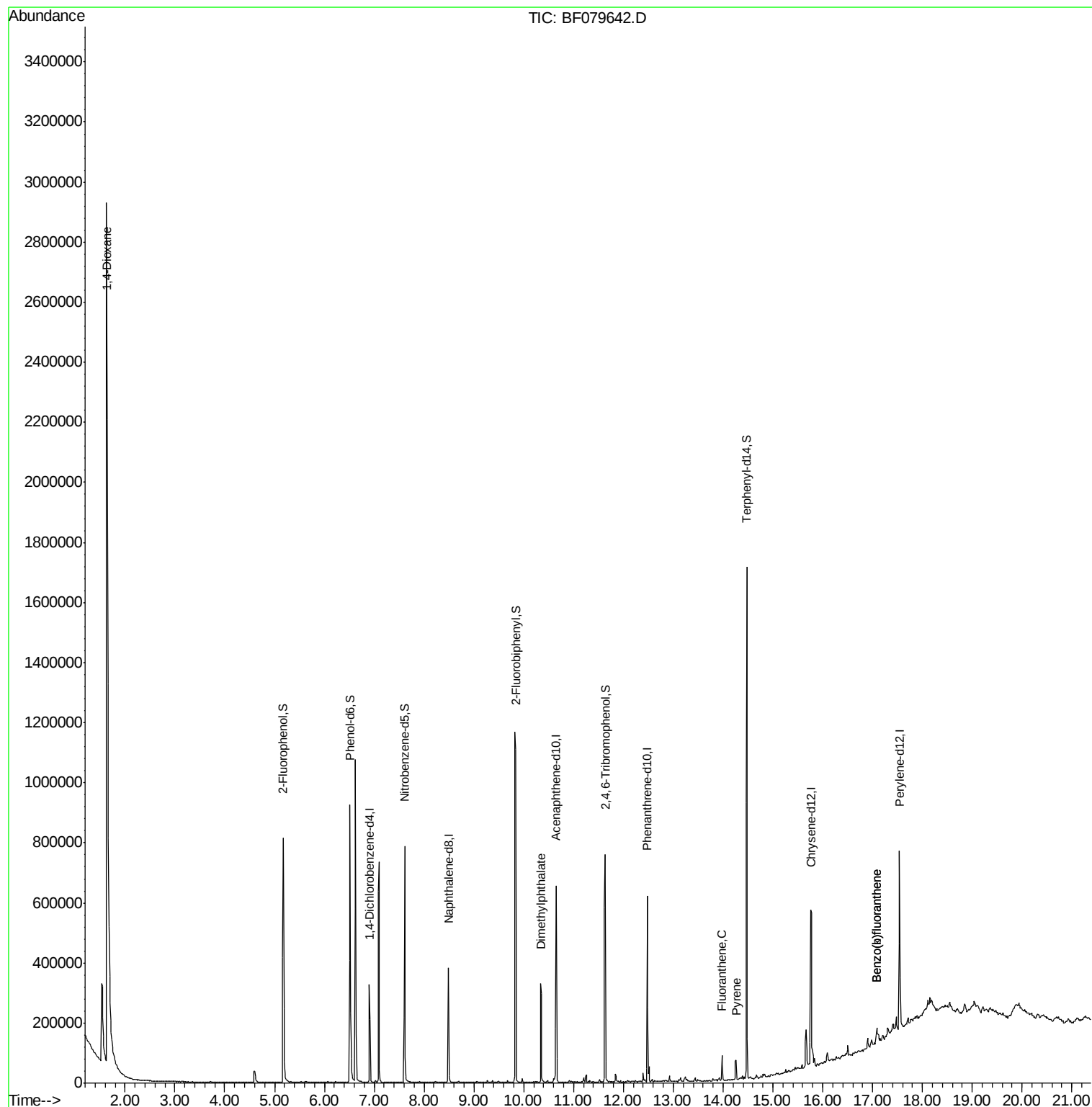
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.63	88	150225	82.47	ng	# 100
49) Dimethylphthalate	10.35	163	209558	21.05	ng	98
73) Di-n-butylphthalate	13.25	149	881	Below Cal	#	78
74) Fluoranthene	13.98	202	44391	2.95	ng	93
77) Pyrene	14.26	202	37667	2.26	ng	97
87) Benzo(b)fluoranthene	17.09	252	40033	2.52	ng	# 92
88) Benzo(k)fluoranthene	17.09	252	40033	2.82	ng	# 90
89) Benzo(a)pyrene	17.47	252	19761	Below Cal	#	86
90) Dibenzo(a,h)anthracene	18.87	278	3900	Below Cal	#	58
91) Benzo(g,h,i)perylene	19.22	276	12197	Below Cal		97

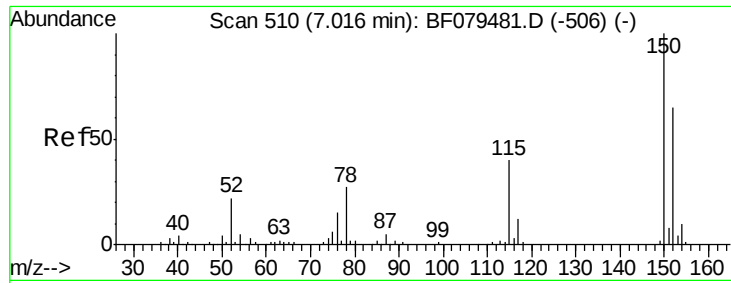
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079642.D

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Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL1(0-2)

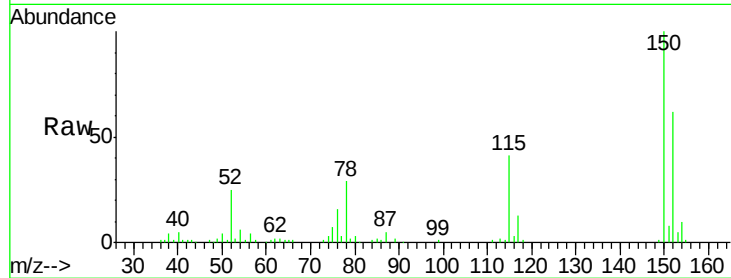
Tgt Ion:152 Resp: 66418

Ion Ratio Lower Upper

152 100

150 162.3 124.0 186.0

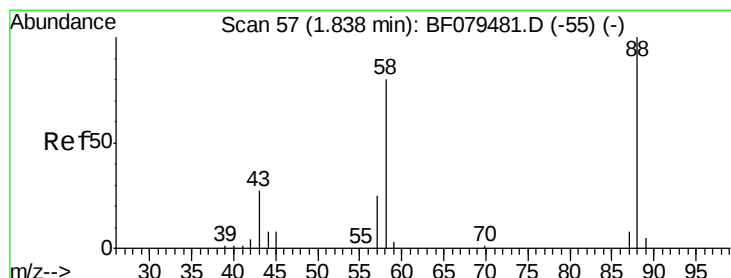
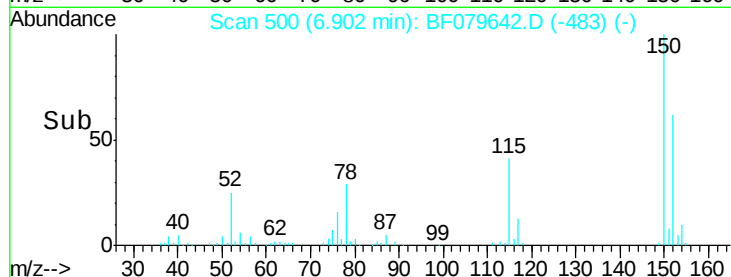
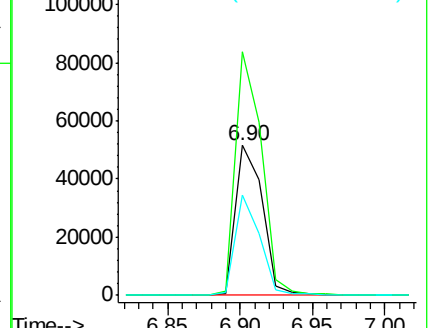
115 67.1 49.6 74.4



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



#2

1,4-Dioxane

Concen: 82.47 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

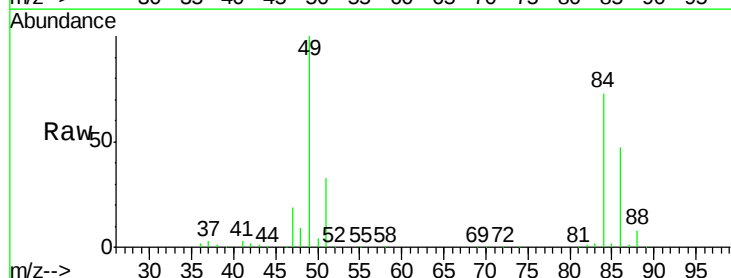
Tgt Ion: 88 Resp: 150225

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

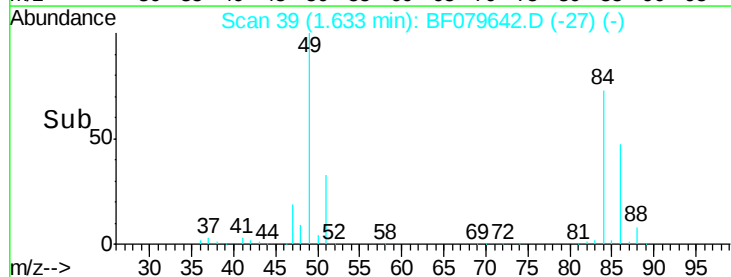
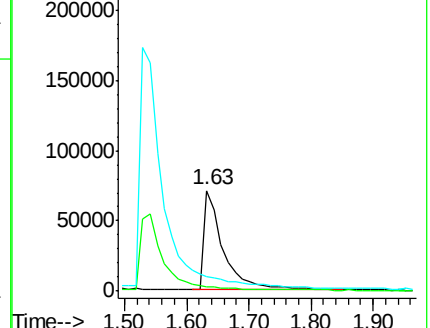
43 0.0 0.0 0.0

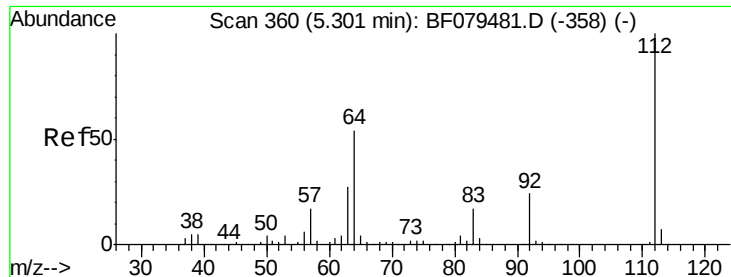


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 88.32 ng

RT: 5.18 min Scan# 349

Delta R.T. 0.01 min

Lab File: BF079642.D

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Instrument :

BNA_F

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HB-9A-DEL1(0-2)

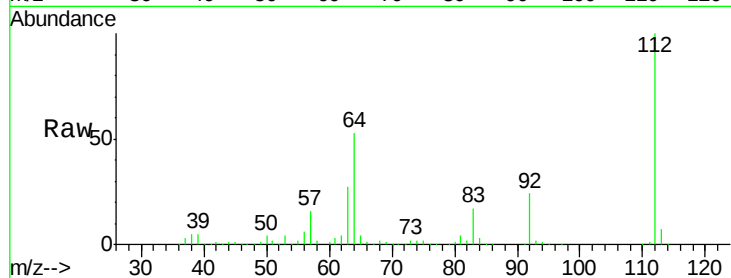
Tgt Ion: 112 Resp: 338209

Ion Ratio Lower Upper

112 100

64 52.7 43.5 65.3

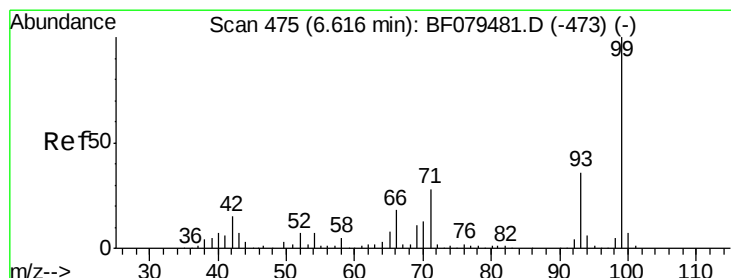
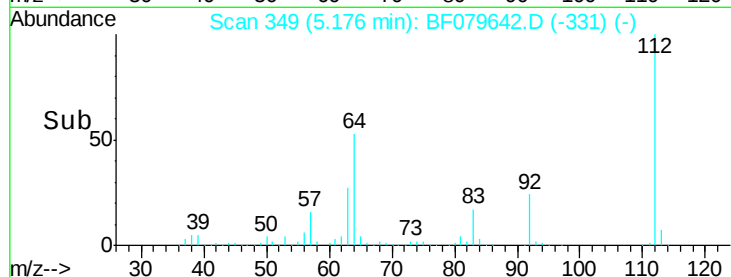
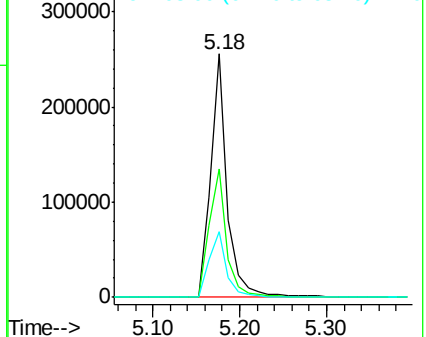
63 27.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 93.58 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

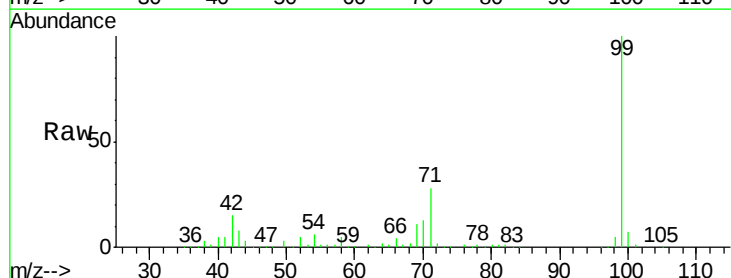
Tgt Ion: 99 Resp: 456748

Ion Ratio Lower Upper

99 100

42 14.9 11.9 17.9

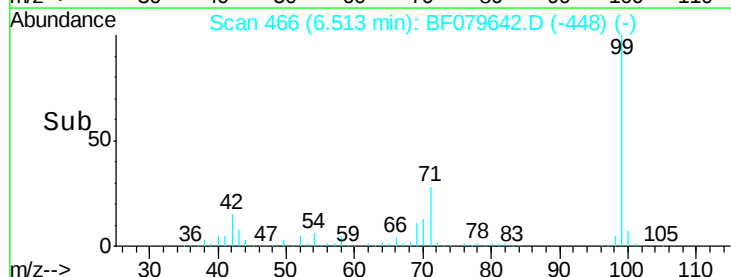
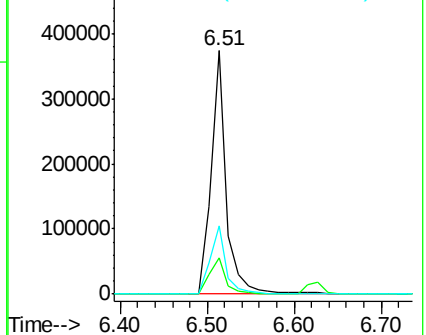
71 28.1 22.1 33.1

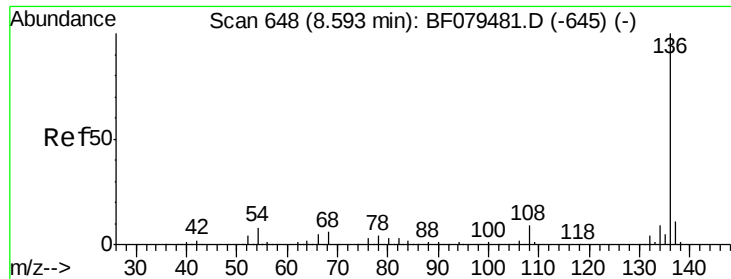


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

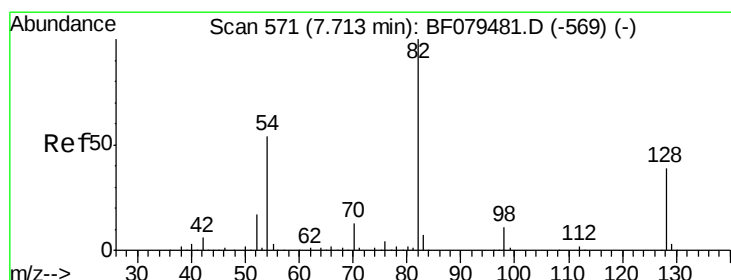
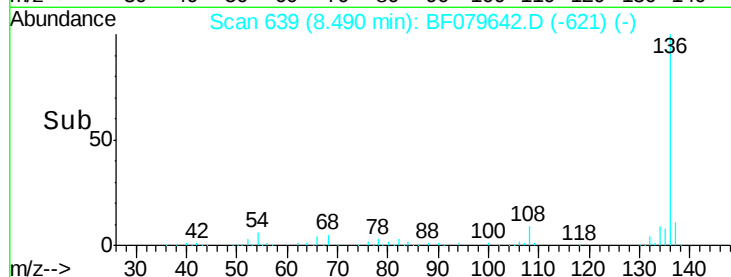
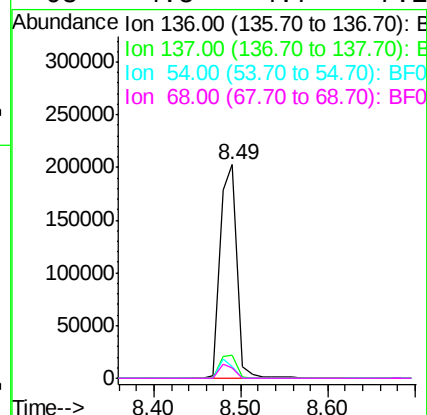
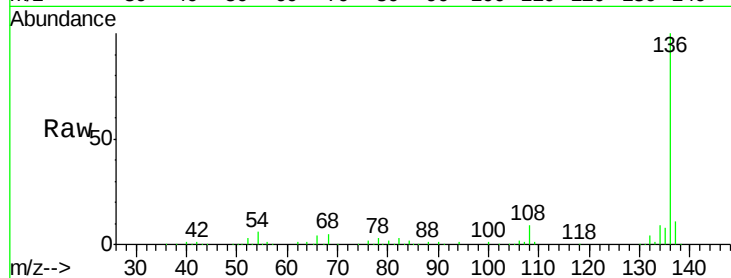




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.49 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

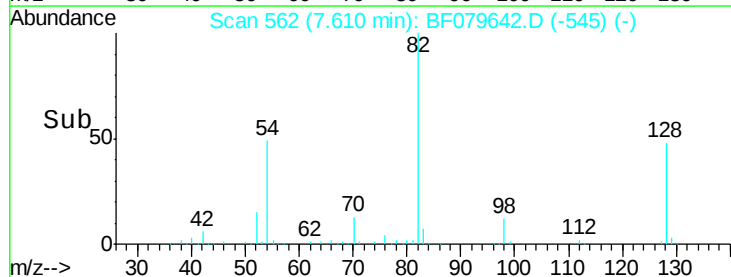
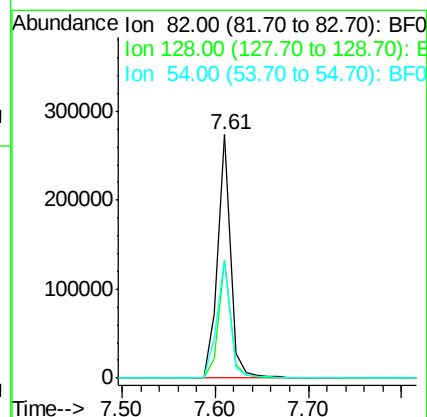
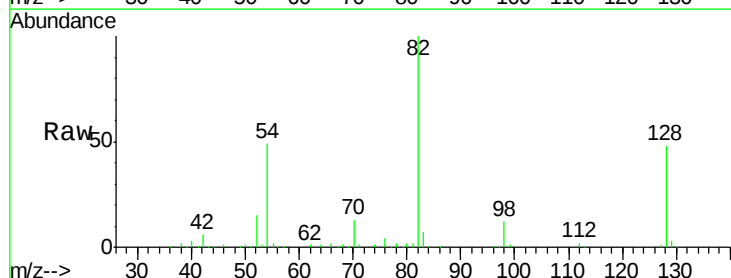
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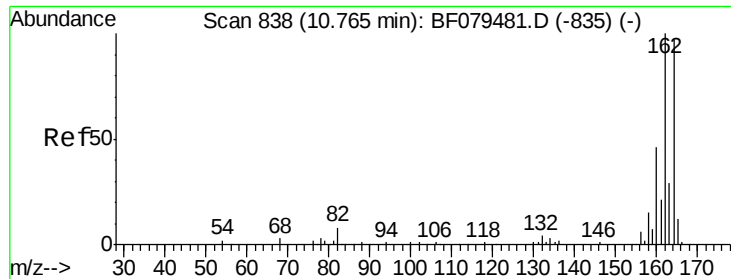
Tgt Ion:	136	Resp:	276741
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.5	6.6	9.8#
68	4.5	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 56.06 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079642.D
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Tgt Ion:	82	Resp:	268374
Ion	Ratio	Lower	Upper
82	100		
128	48.5	30.8	46.2#
54	48.8	42.8	64.2

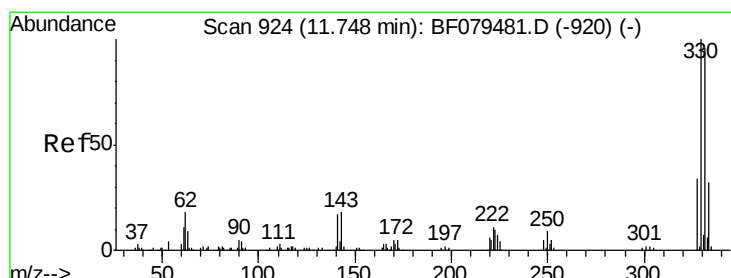
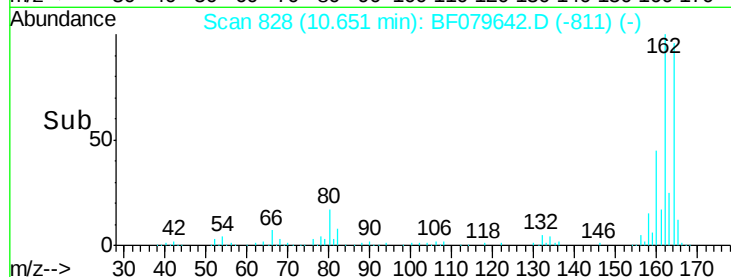
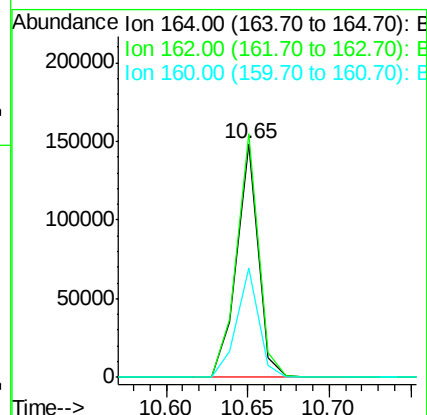
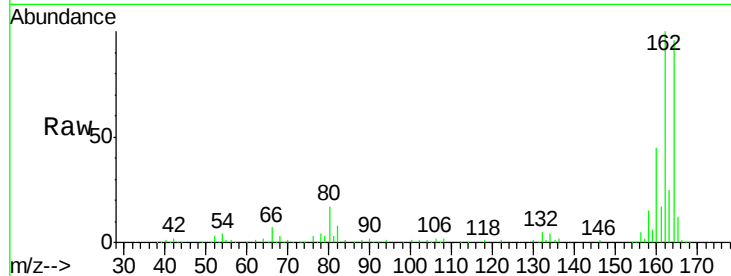




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

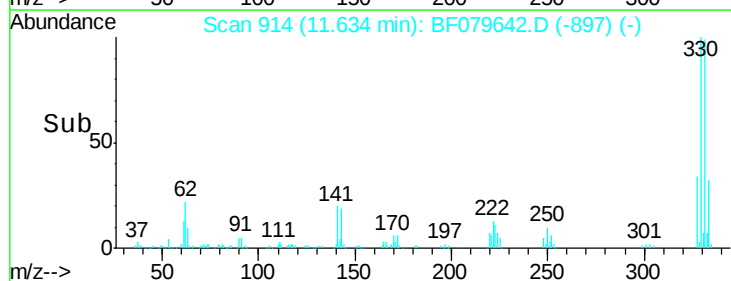
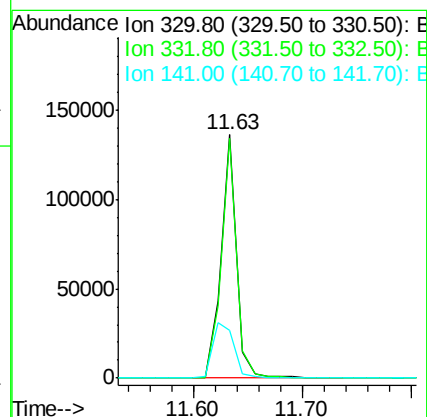
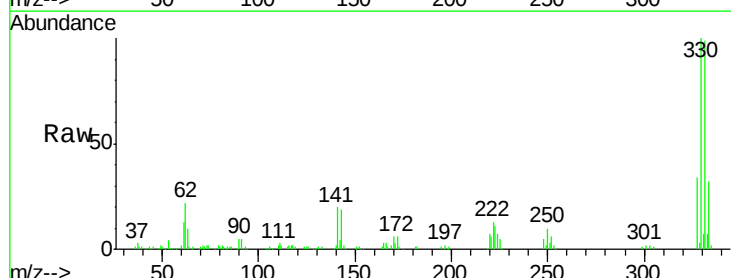
Instrument :
BNA_F
ClientSampleId :
HB-9A-DEL1(0-2)

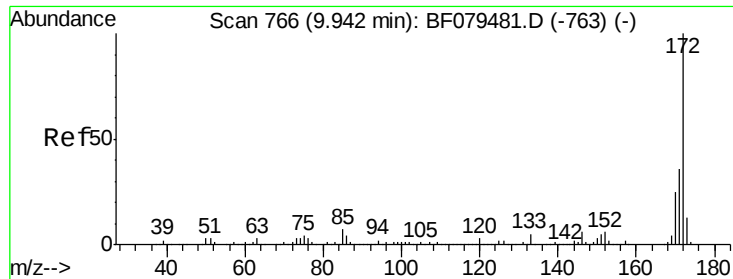
Tgt Ion:164 Resp: 135120
Ion Ratio Lower Upper
164 100
162 104.2 82.6 124.0
160 47.0 37.7 56.5



#41
2,4,6-Tribromophenol
Concen: 92.46 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

Tgt Ion:330 Resp: 137217
Ion Ratio Lower Upper
330 100
332 97.8 0.0 0.0#
141 31.2 0.0 0.0#

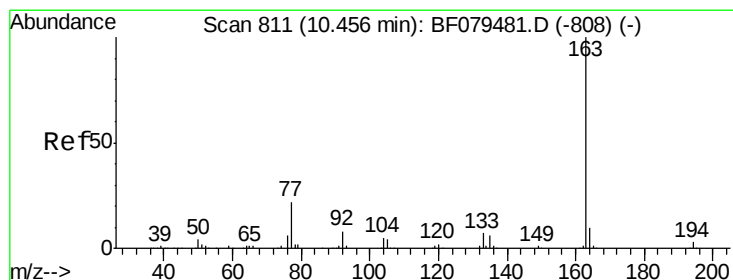
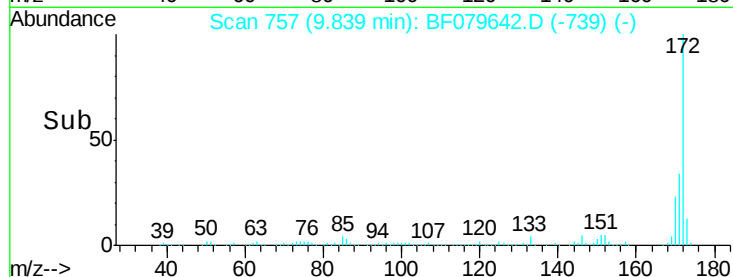
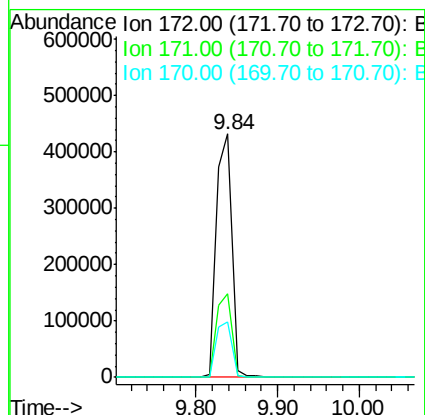
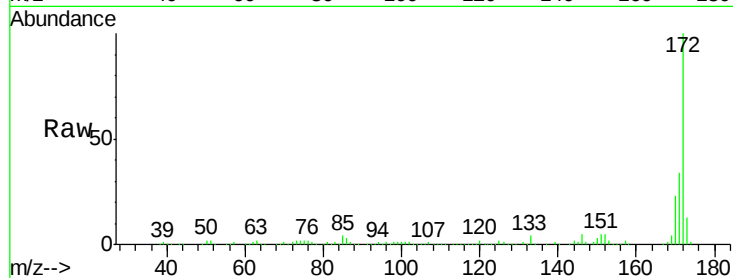




#44
 2-Fluorobiphenyl
 Concen: 60.42 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

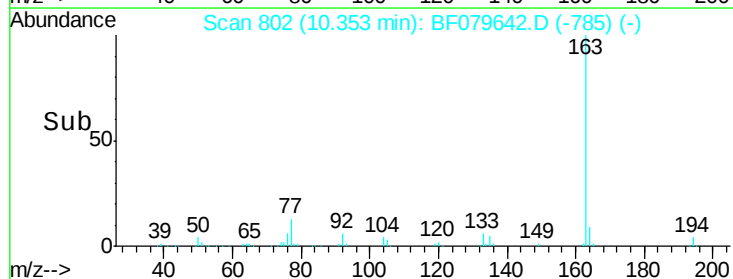
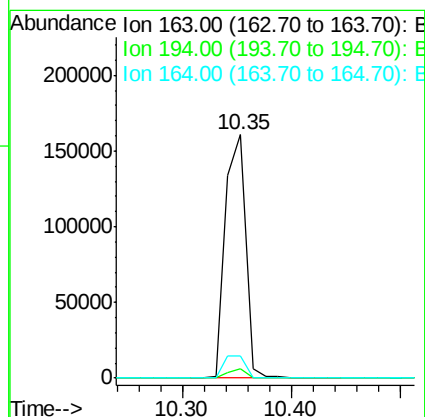
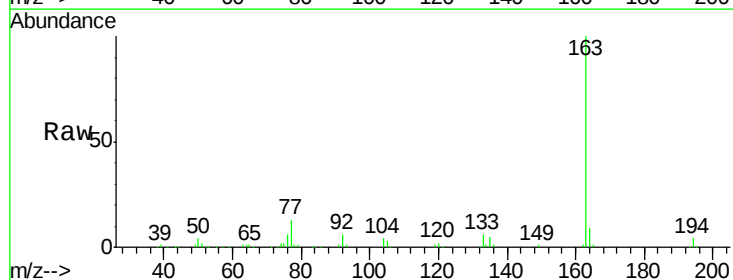
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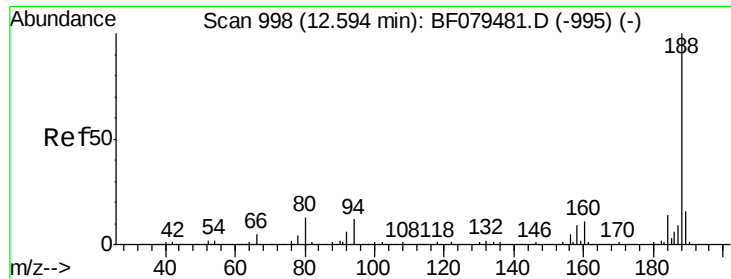
Tgt Ion:172 Resp: 572260
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 22.7 19.7 29.5



#49
 Dimethylphthalate
 Concen: 21.05 ng
 RT: 10.35 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Tgt Ion:163 Resp: 209558
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.4 3.6
 164 9.3 8.2 12.4

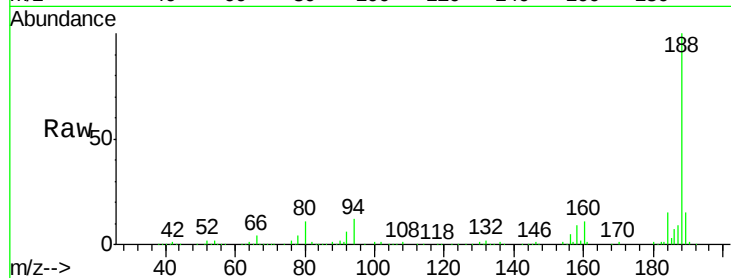




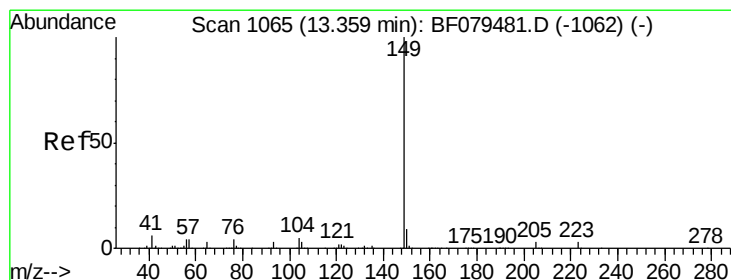
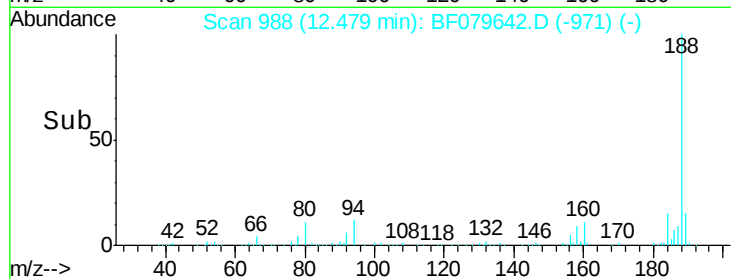
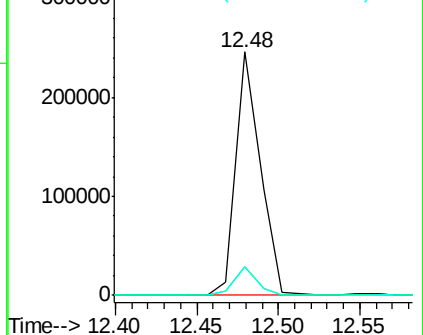
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL1(0-2)

Tgt Ion:188 Resp: 255438
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.8 14.6
 80 11.5 10.5 15.7

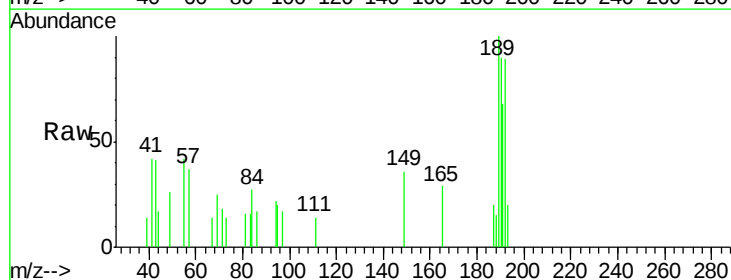


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

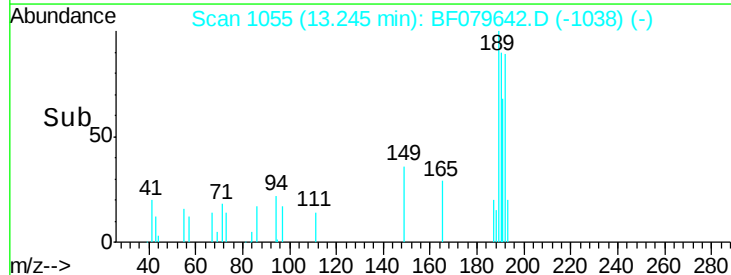
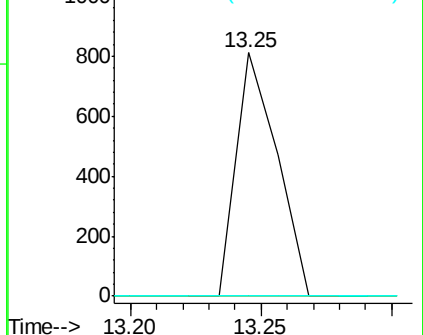


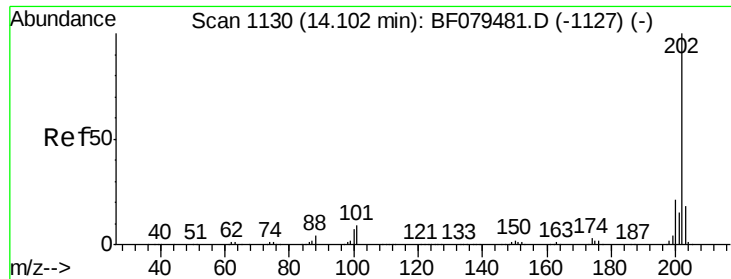
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 13.25 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Tgt Ion:149 Resp: 881
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.5 11.3#
 104 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

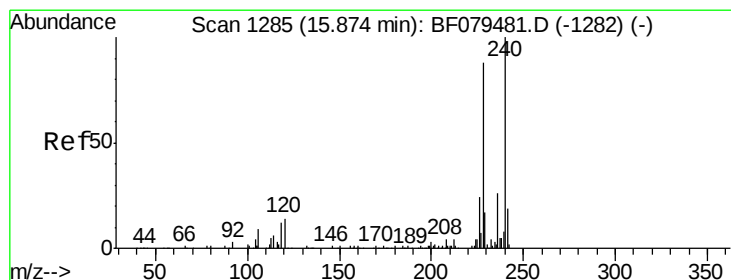
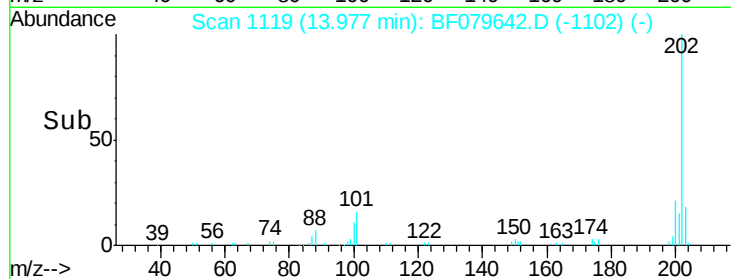
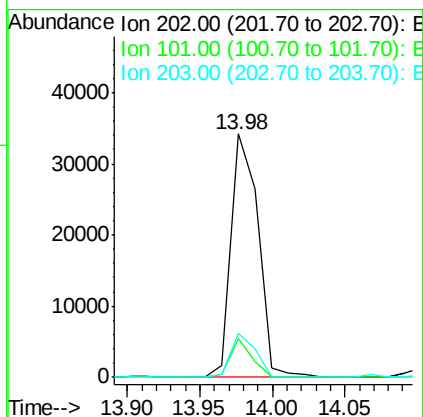
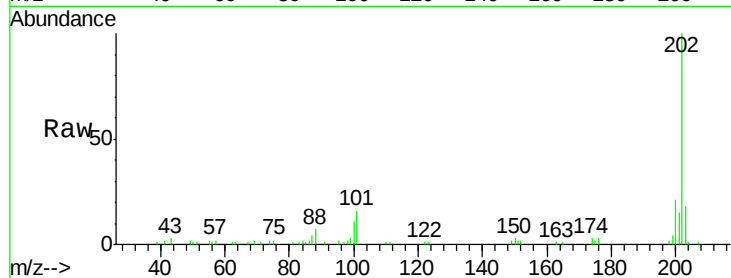




#74
Fluoranthene
Concen: 2.95 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

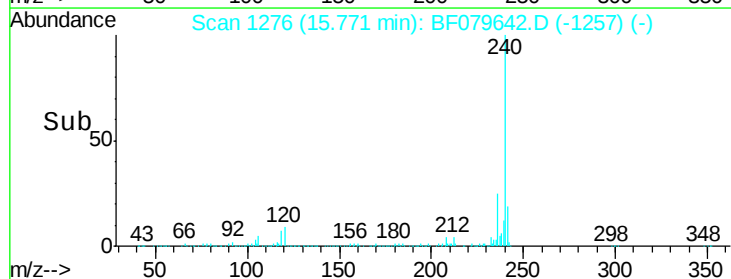
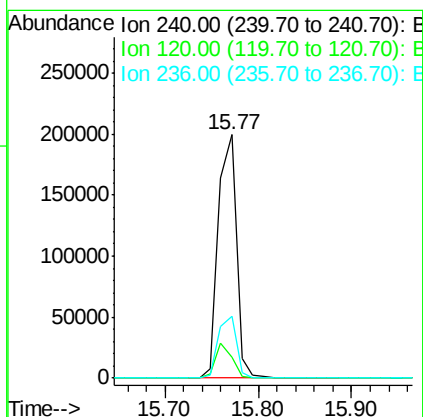
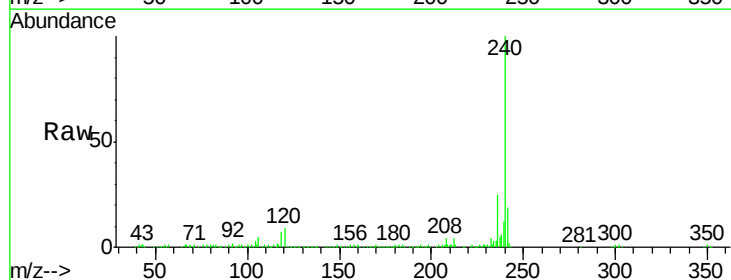
Instrument :
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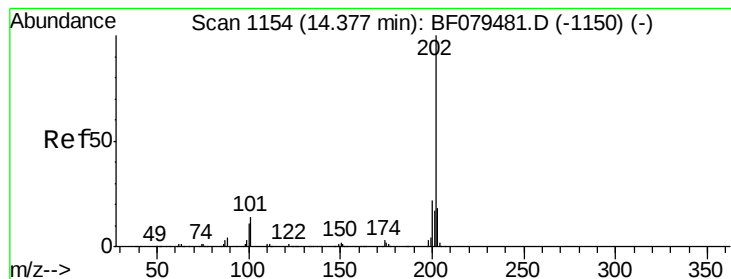
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	29.3
203	18.2	0.0	37.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1276
Delta R.T. 0.02 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	10.8	16.2#
236	25.3	21.0	31.6





#77

Pyrene

Concen: 2.26 ng

RT: 14.26 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

Instrument :

BNA_F

ClientSampleId :

HB-9A-DEL1(0-2)

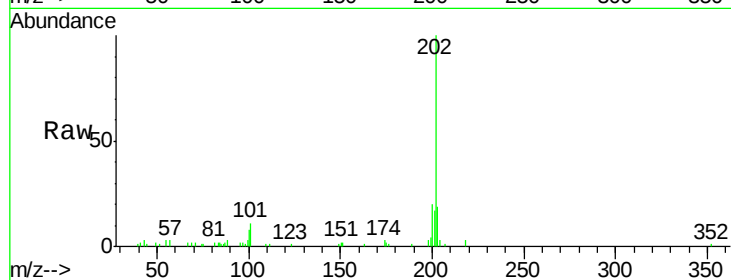
Tgt Ion:202 Resp: 37667

Ion Ratio Lower Upper

202 100

200 20.0 17.5 26.3

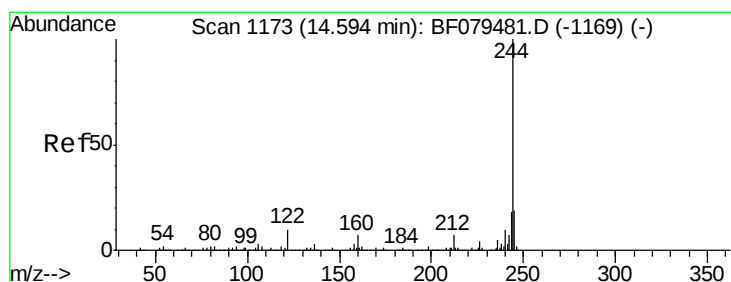
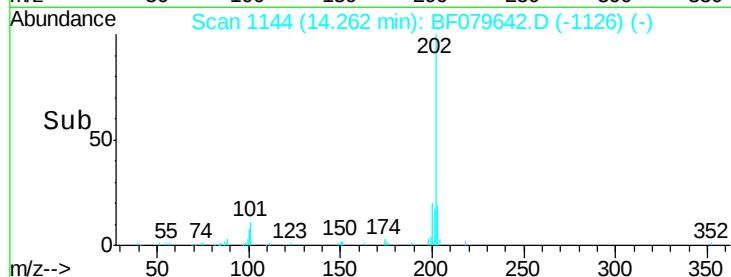
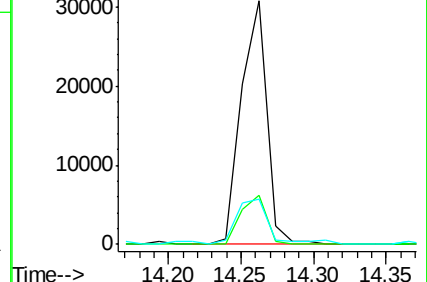
203 18.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.41 ng

RT: 14.48 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

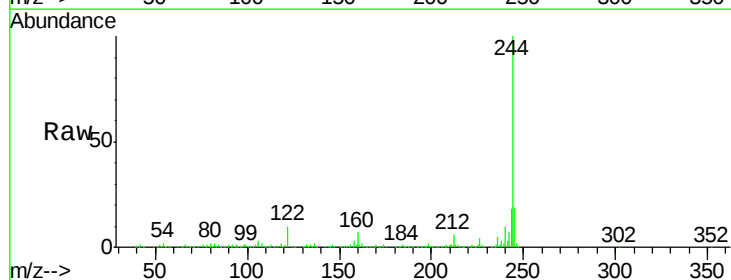
Tgt Ion:244 Resp: 682207

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

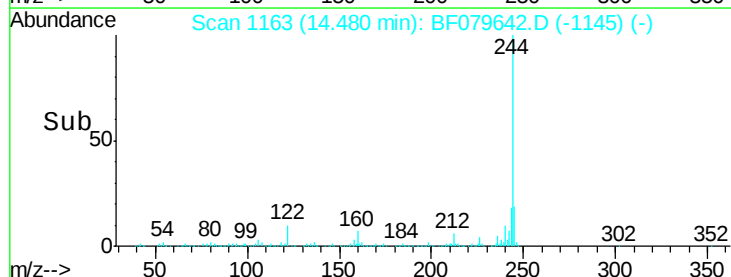
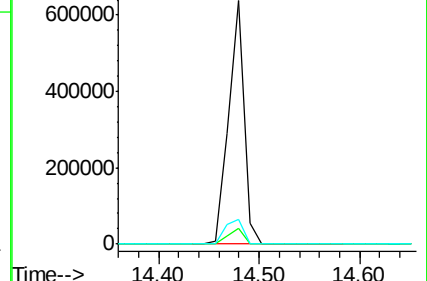
122 10.0 8.0 12.0

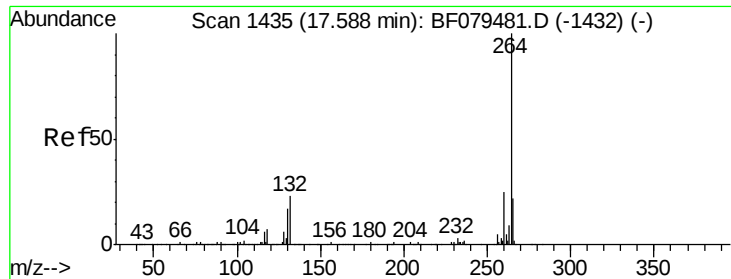


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

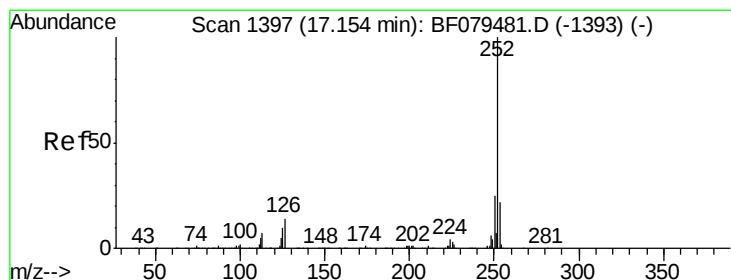
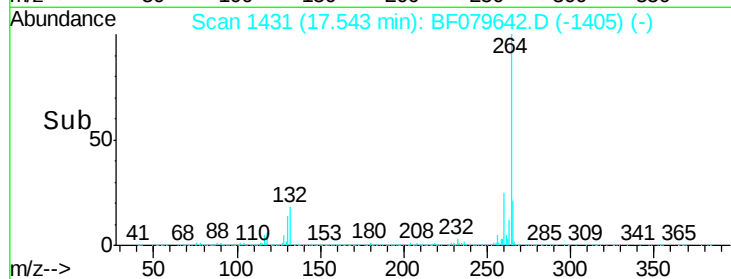
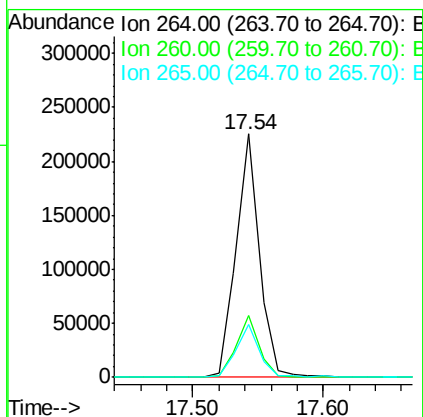
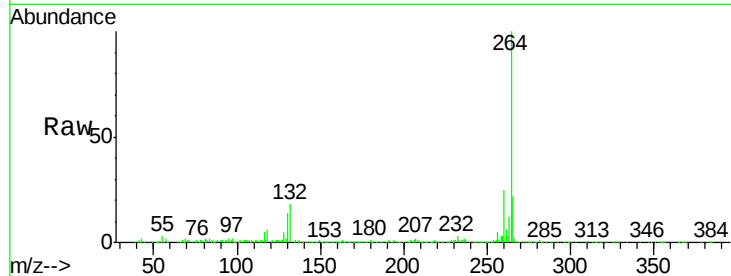




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1431
Delta R.T. 0.10 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

Instrument :
BNA_F
ClientSampleId :
HB-9A-DEL1(0-2)

Tgt Ion:264 Resp: 278367
Ion Ratio Lower Upper
264 100
260 25.2 19.8 29.8
265 21.6 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 17.09 min Scan# 1391
Delta R.T. 0.07 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

Tgt Ion:252 Resp: 40033
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 15.7 7.8 11.6#

