

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079639.D
 Acq On : 31 May 2015 18:10
 Operator : TP/IZ
 Sample : G2416-26 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.4(6)

Quant Time: Jun 01 04:31:07 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

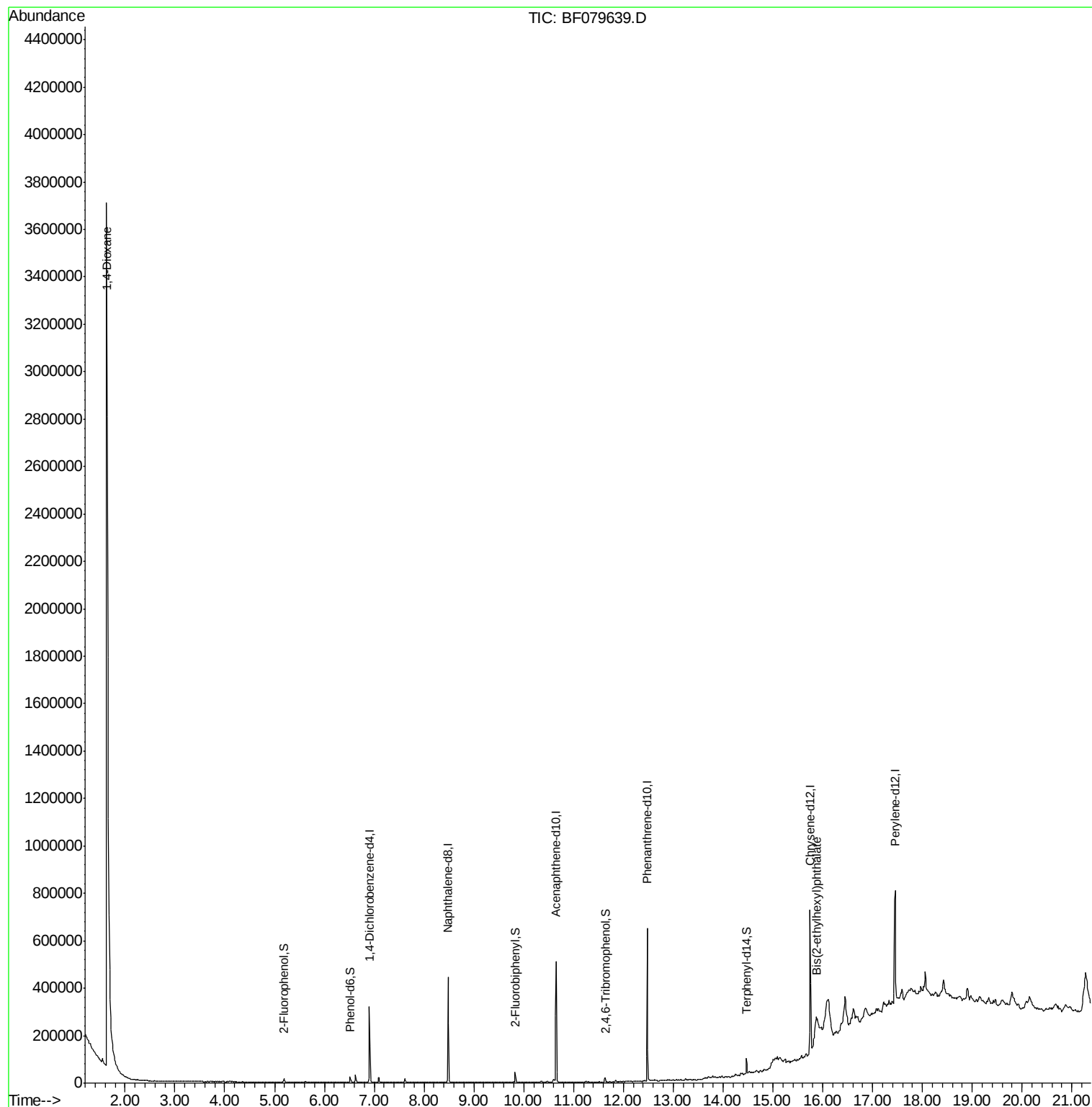
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	59148	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	254133	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	123247	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	244342	20.00	ng	0.00
75) Chrysene-d12	15.75	240	255758	20.00	ng	0.00
86) Perylene-d12	17.45	264	262756	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	10608	3.11	ng	0.02
7) Phenol-d6	6.51	99	14625	3.36	ng	0.01
23) Nitrobenzene-d5	7.61	82	7812	1.78	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	4268	3.15	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	19887	2.30	ng	0.00
78) Terphenyl-d14	14.47	244	23430	2.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	200563	123.63	ng	# 100
73) Di-n-butylphthalate	13.25	149	794	Below Cal	#	78
83) Bis(2-ethylhexyl)phthalate	15.89	149	27980	2.74	ng	# 74
89) Benzo(a)pyrene	17.38	252	3227	Below Cal	#	11
90) Dibenzo(a,h)anthracene	18.73	278	1804	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.09	276	4973	Below Cal	#	53

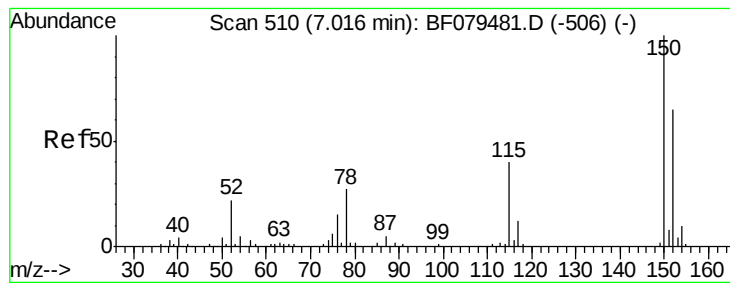
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

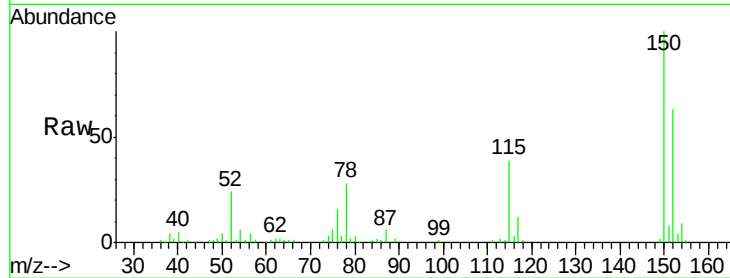
Tgt Ion:152 Resp: 59148

Ion Ratio Lower Upper

152 100

150 159.7 124.0 186.0

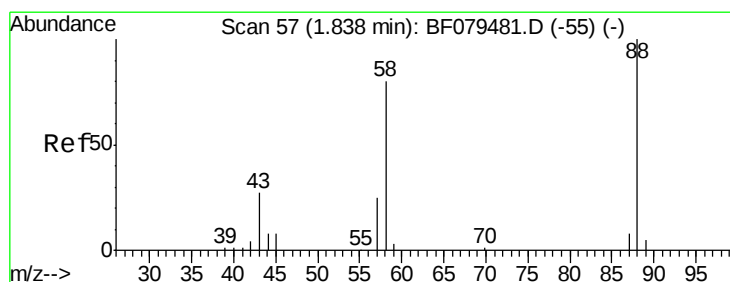
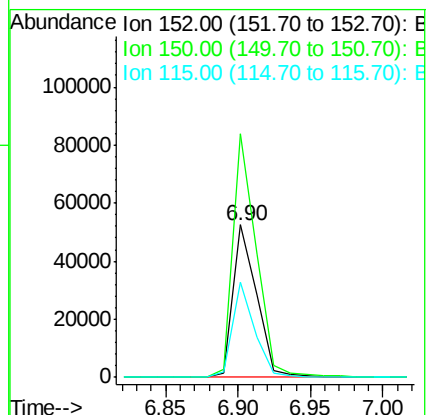
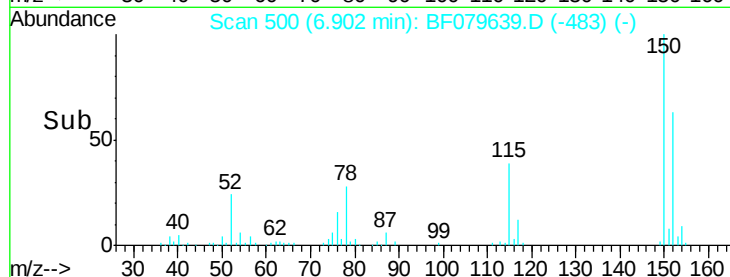
115 62.6 49.6 74.4



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: 123.63 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

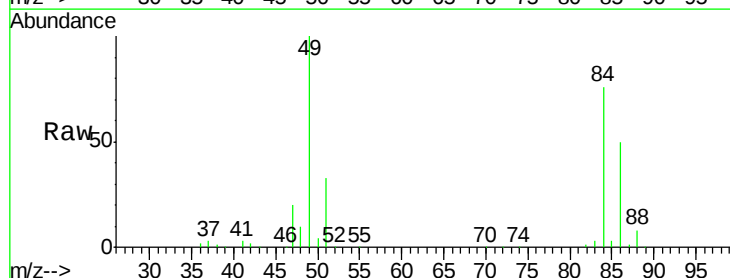
Tgt Ion: 88 Resp: 200563

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

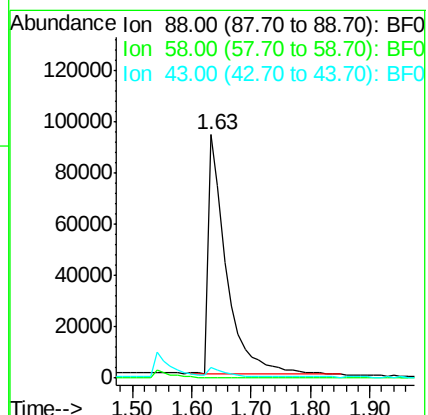
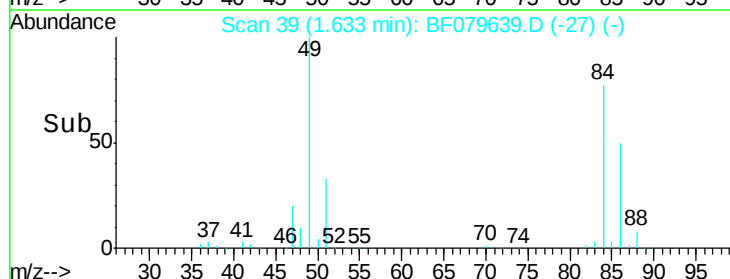
43 4.8 0.0 0.0#

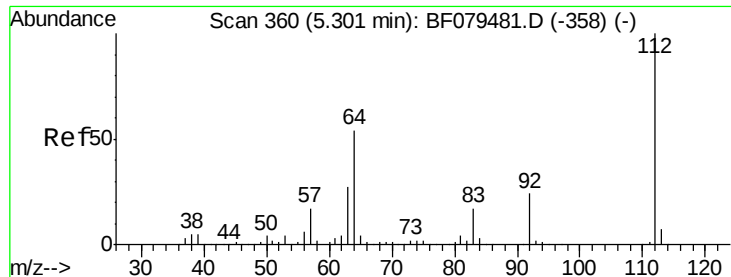


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 3.11 ng

RT: 5.19 min Scan# 350

Delta R.T. 0.02 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

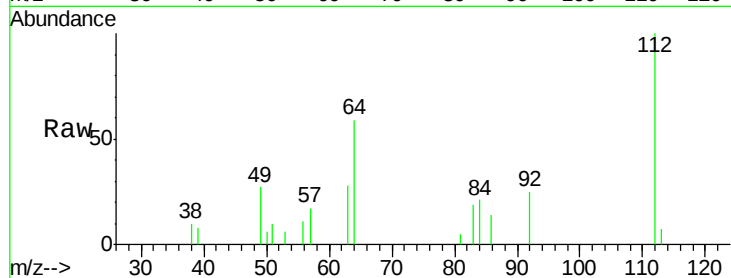
Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

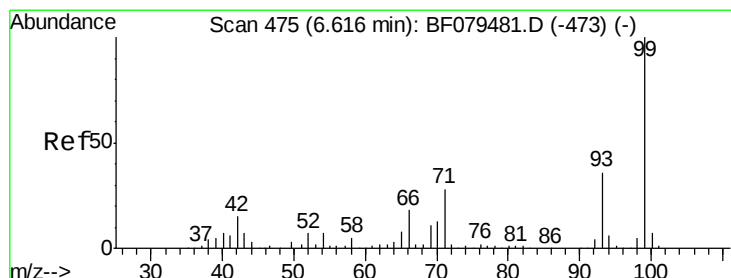
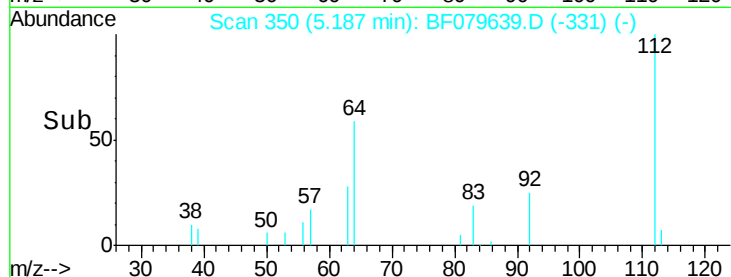
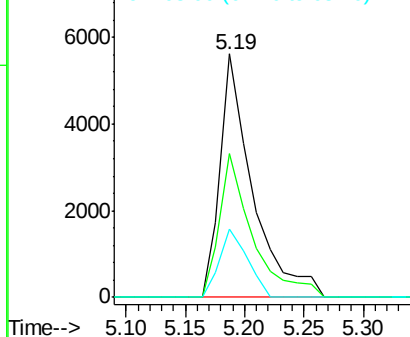
Tgt Ion:	112	Resp:	10608
Ion	Ratio	Lower	Upper
112	100		
64	59.1	43.5	65.3
63	27.8	21.8	32.8



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: 3.36 ng

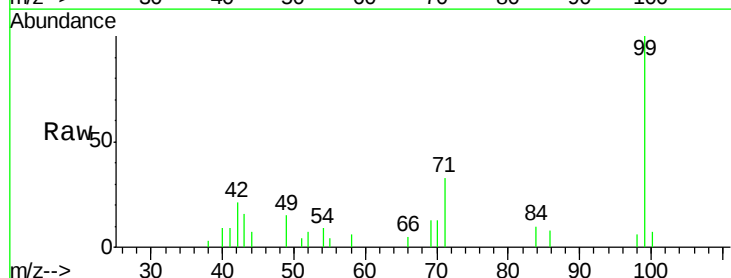
RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

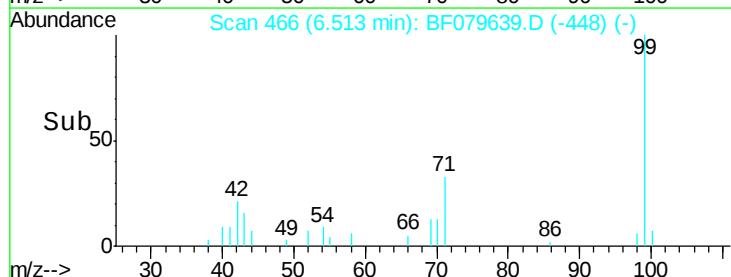
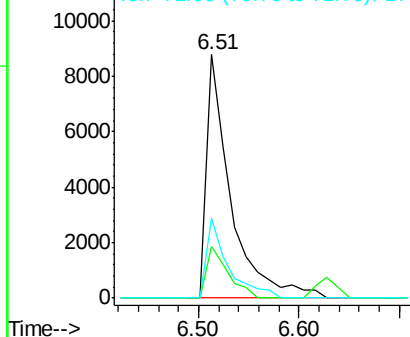
Tgt Ion:	99	Resp:	14625
Ion	Ratio	Lower	Upper
99	100		
42	21.0	11.9	17.9#
71	32.6	22.1	33.1



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

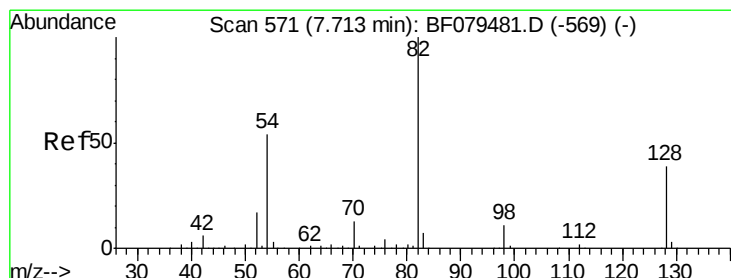
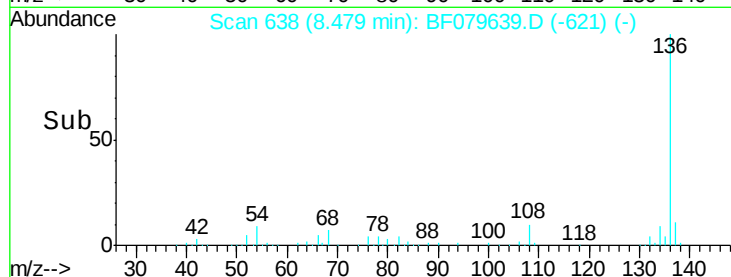
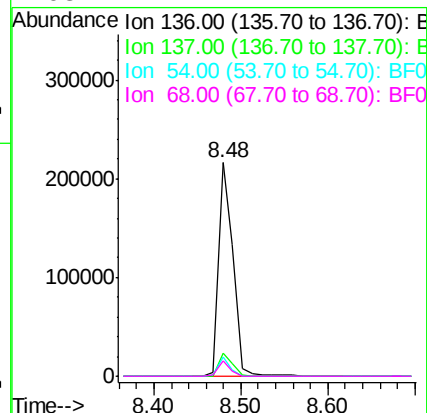
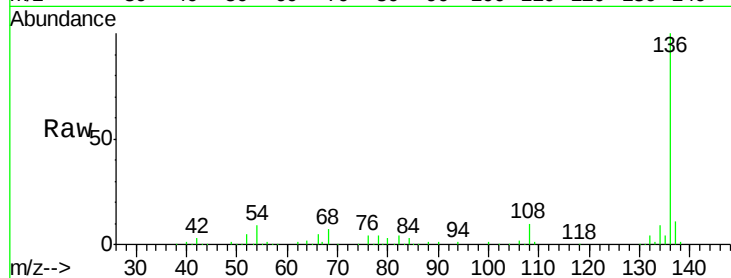




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF079639.D
Acq: 31 May 2015 18:10

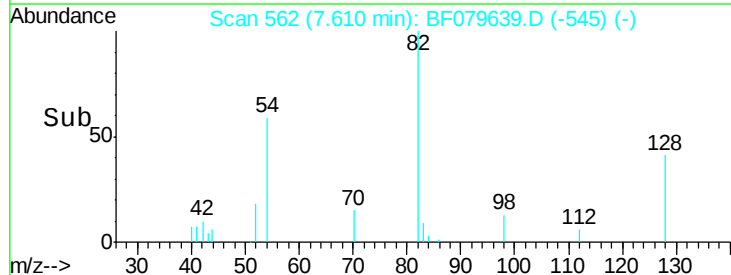
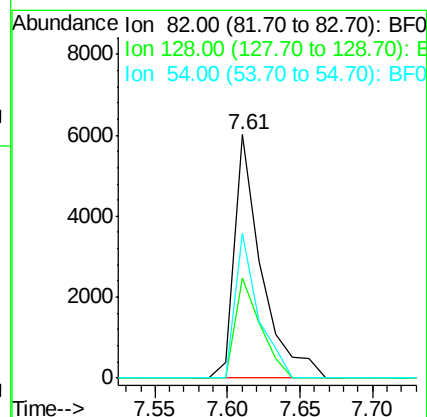
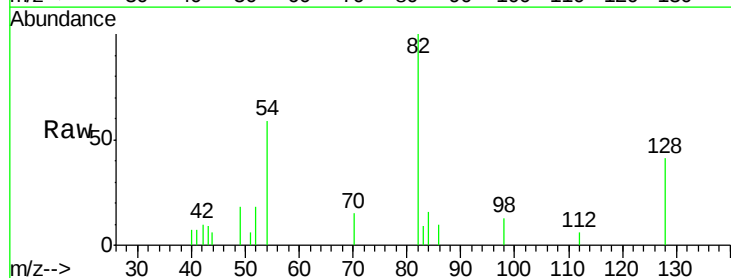
Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.4(6)

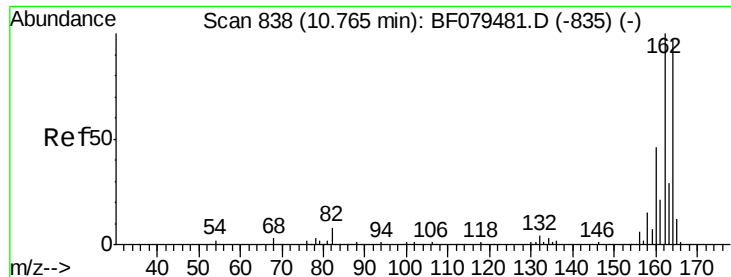
Tgt Ion:	136	Resp:	254133
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.7	6.6	9.8
68	7.1	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 1.78 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079639.D
Acq: 31 May 2015 18:10

Tgt Ion:	82	Resp:	7812
Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.8	46.2
54	59.4	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: BF079639.D

Acq: 31 May 2015 18:10

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

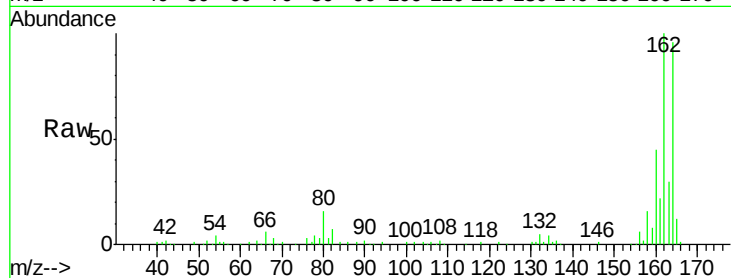
Tgt Ion:164 Resp: 123247

Ion Ratio Lower Upper

164 100

162 104.5 82.6 124.0

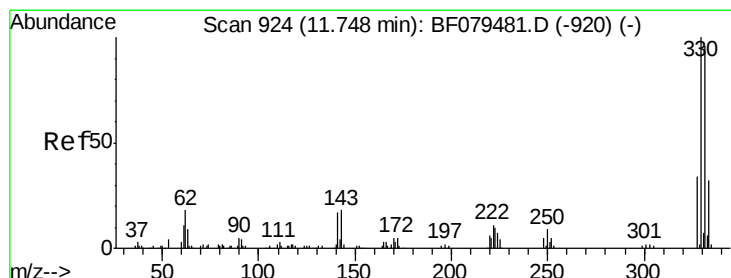
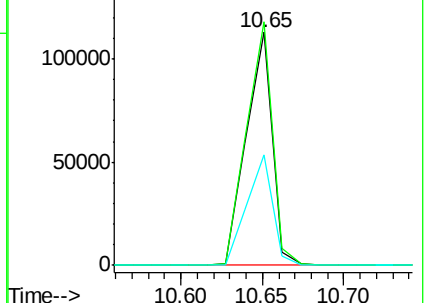
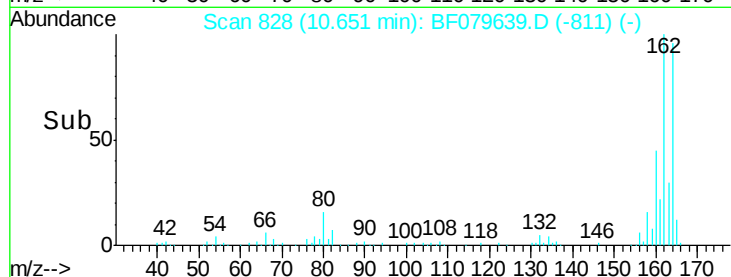
160 47.2 37.7 56.5



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: 3.15 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

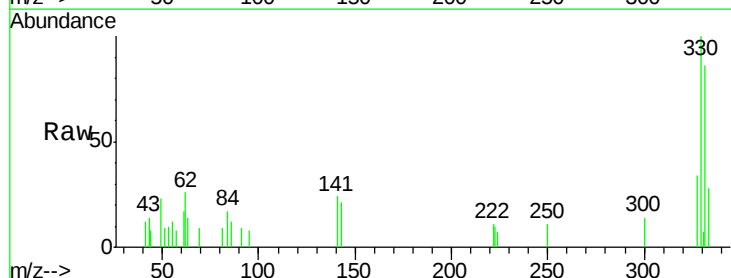
Tgt Ion:330 Resp: 4268

Ion Ratio Lower Upper

330 100

332 86.8 0.0 0.0#

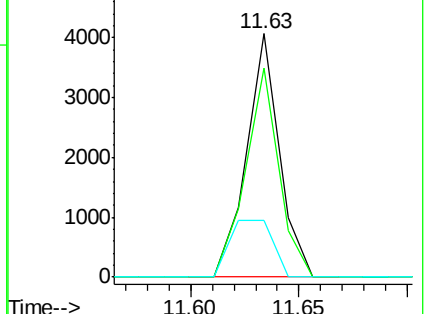
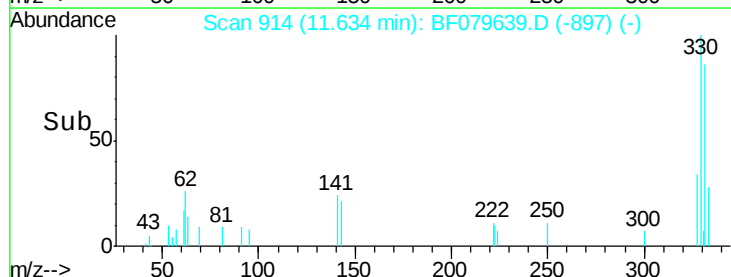
141 30.7 0.0 0.0#

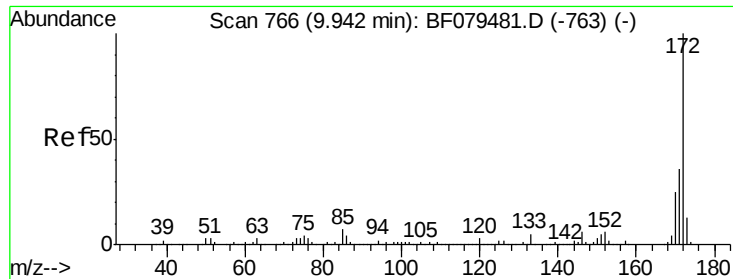


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

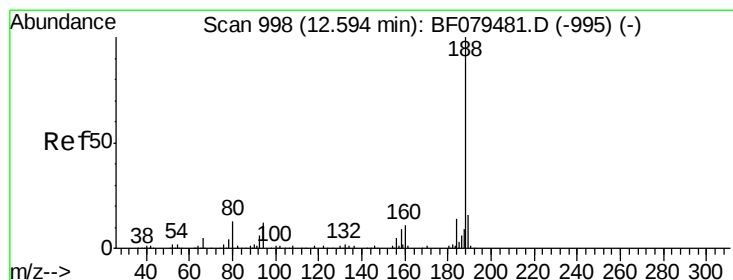
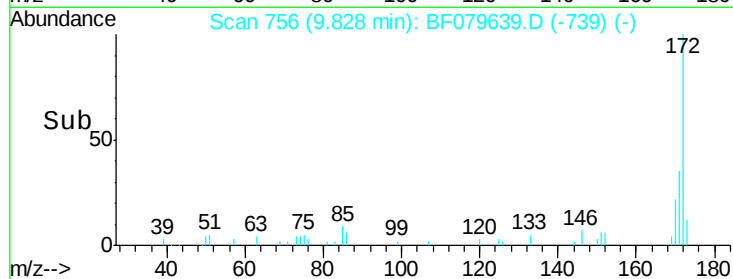
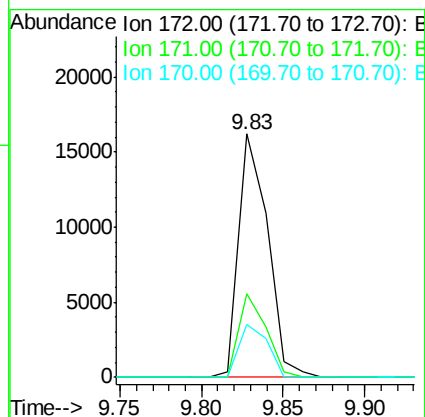
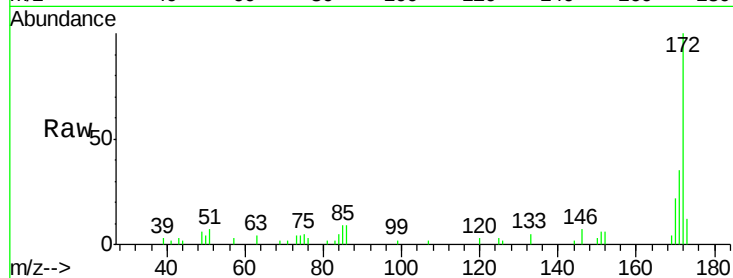




#44
 2-Fluorobiphenyl
 Concen: 2.30 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079639.D
 Acq: 31 May 2015 18:10

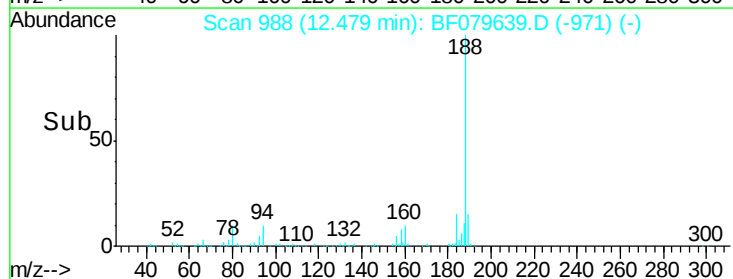
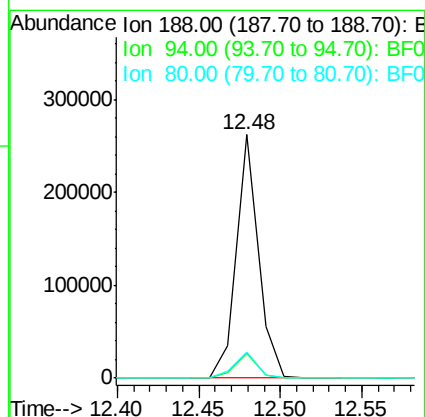
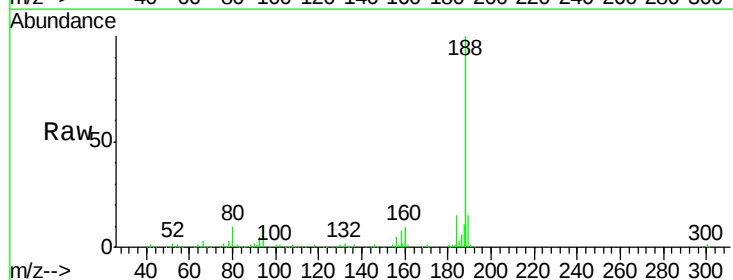
Instrument :
 BNA_F
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 RAMP440NB-TP5.4(6)

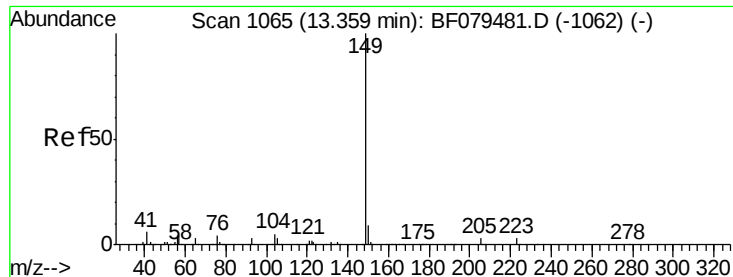
Tgt Ion:172 Resp: 19887
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 21.9 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF079639.D
 Acq: 31 May 2015 18:10

Tgt Ion:188 Resp: 244342
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.8 14.6
 80 10.5 10.5 15.7





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.25 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

Instrument :

BNA_F

ClientSampleId :

RAMP440NB-TP5.4(6)

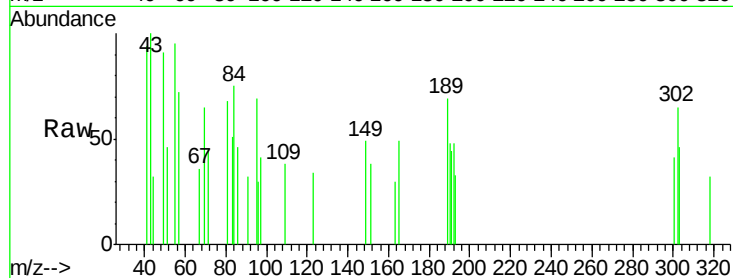
Tgt Ion:149 Resp: 794

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

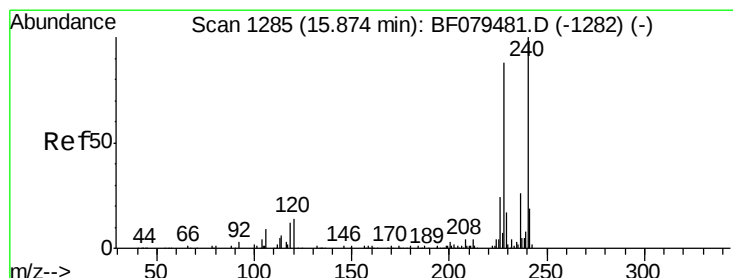
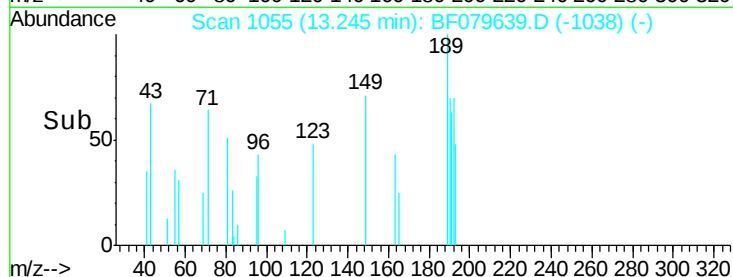
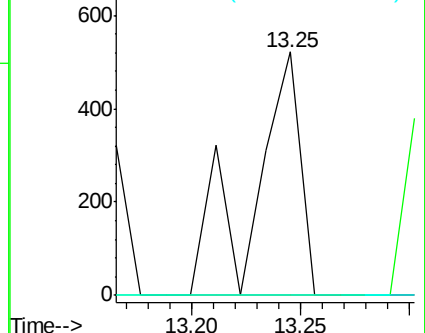
104 0.0 3.6 5.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.75 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF079639.D

Acq: 31 May 2015 18:10

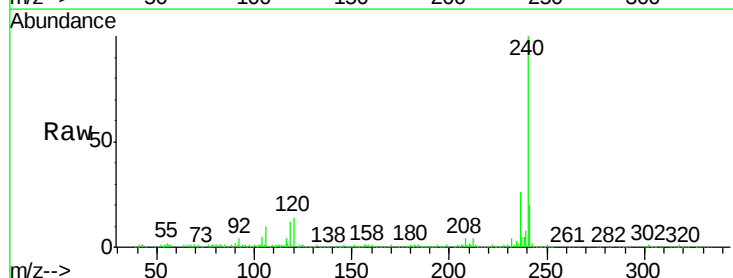
Tgt Ion:240 Resp: 255758

Ion Ratio Lower Upper

240 100

120 14.1 10.8 16.2

236 26.0 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

