

Data File : BF100029.D
Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-1A(0-2.5)

Quant Time: Nov 01 08:21:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100186	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	400060	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	177042	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	299733	20.00	ng	0.00
75) Chrysene-d12	13.98	240	196768	20.00	ng	0.00
86) Perylene-d12	15.46	264	172578	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	611786	95.87	ng	0.01
7) Phenol-d6	6.43	99	727359	96.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	407224	65.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	148379	91.97	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	717514	62.53	ng	0.00
78) Terphenyl-d14	12.91	244	565156	62.77	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	10441	2.31	ng	90
10) Phenol	6.45	94	41883	5.04	ng	93
49) Dimethylphthalate	9.55	163	112690	8.04	ng	99
53) 2,4-Dinitrophenol	10.04	184	501	6.16	ng	# 1
62) Azobenzene	10.54	77	34778	3.03	ng	# 1
65) n-Nitrosodiphenylamine	10.49	169	39614	3.58	ng	# 39
70) Phenanthrene	11.35	178	56543	3.34	ng	# 92
74) Fluoranthene	12.54	202	64070	3.64	ng	98
77) Pyrene	12.77	202	56750	3.79	ng	97
87) Benzo(b)fluoranthene	15.04	252	30502	2.80	ng	# 90
88) Benzo(k)fluoranthene	15.04	252	30502	2.97	ng	# 93

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

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CF-1A(0-2.5)

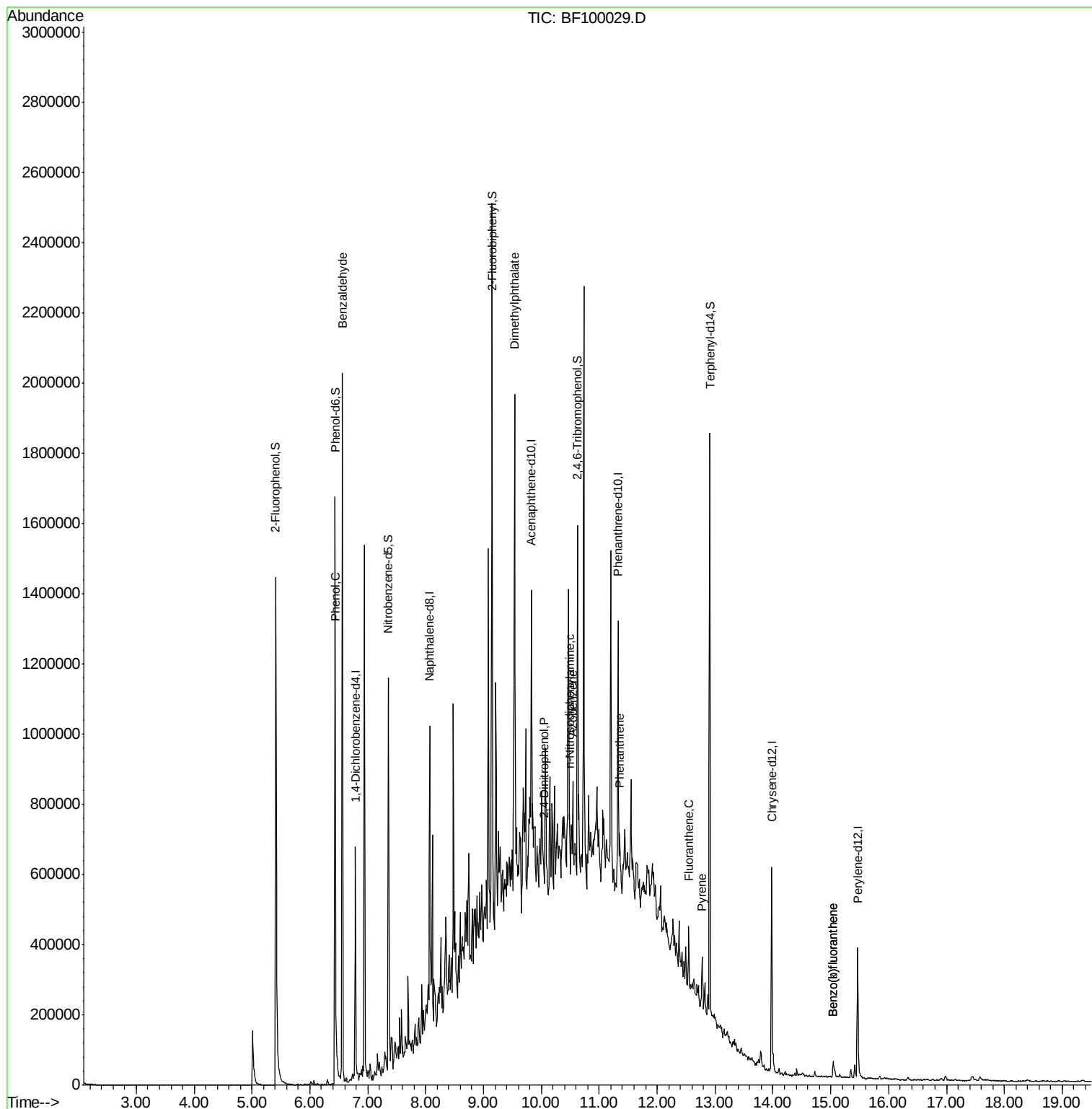
Quant Time: Nov 01 08:21:59 2017

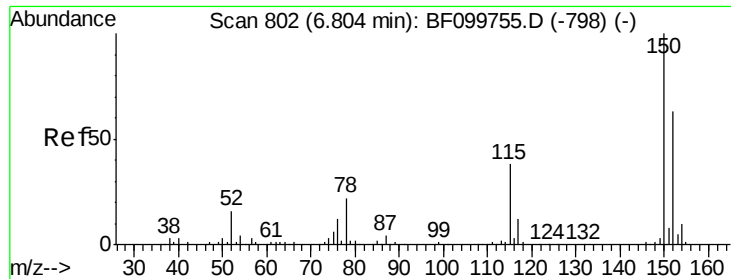
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 31 16:51:57 2017

Response via : Initial Calibration

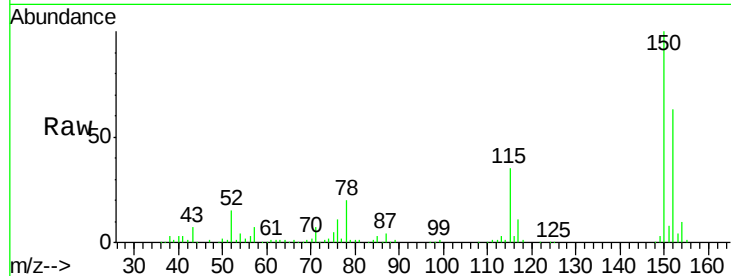




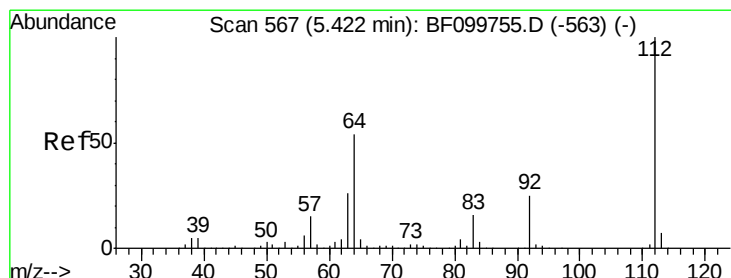
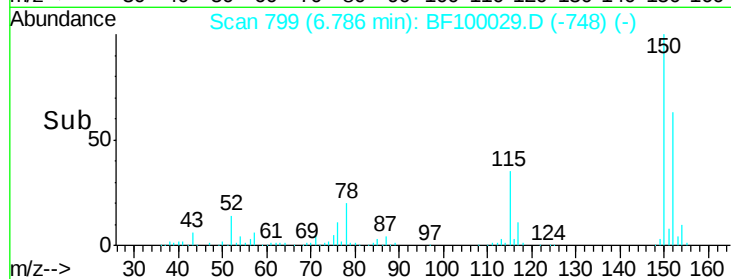
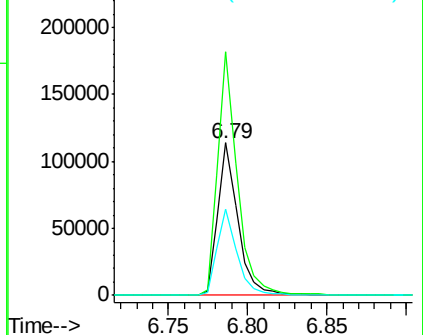
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF100029.D
 Acq: 1 Nov 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :
 CF-1A(0-2.5)

Tgt Ion:152 Resp: 100186
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 56.5 50.1 75.1

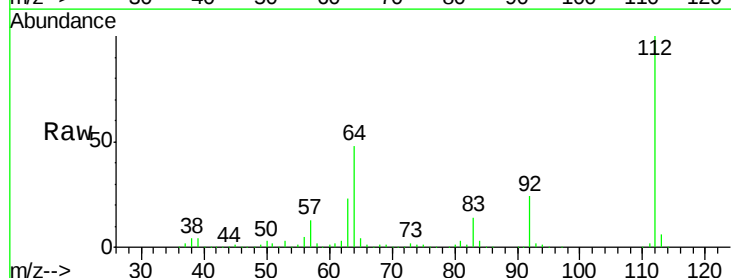


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

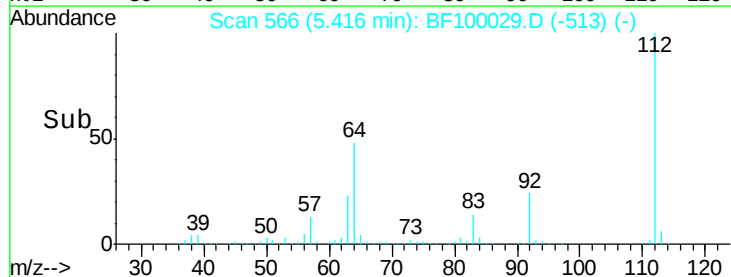
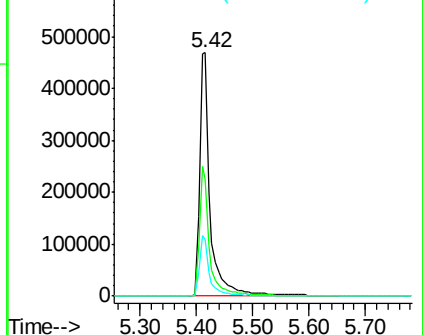


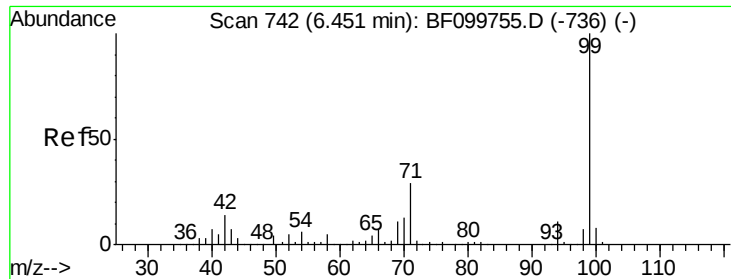
#5
 2-Fluorophenol
 Concen: 95.87 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF100029.D
 Acq: 1 Nov 2017 6:03

Tgt Ion:112 Resp: 611786
 Ion Ratio Lower Upper
 112 100
 64 48.1 47.9 71.9
 63 23.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.13 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Instrument :

BNA_F

ClientSampleId :

CF-1A(0-2.5)

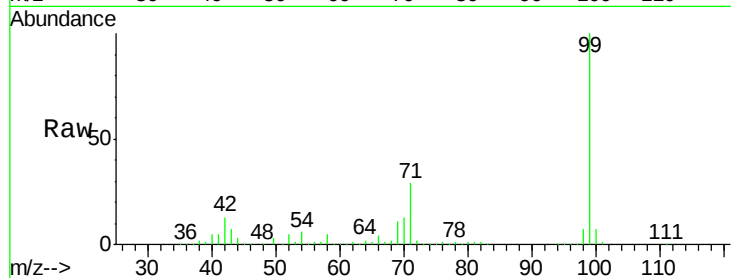
Tgt Ion: 99 Resp: 727359

Ion Ratio Lower Upper

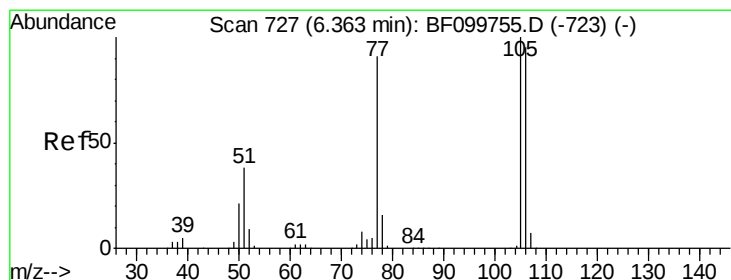
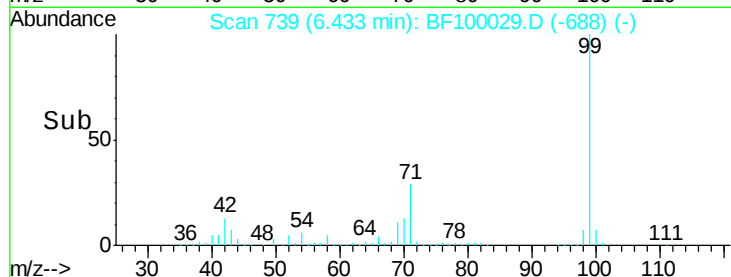
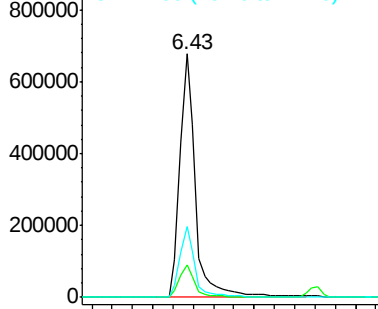
99 100

42 13.4 14.5 21.7#

71 29.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.31 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

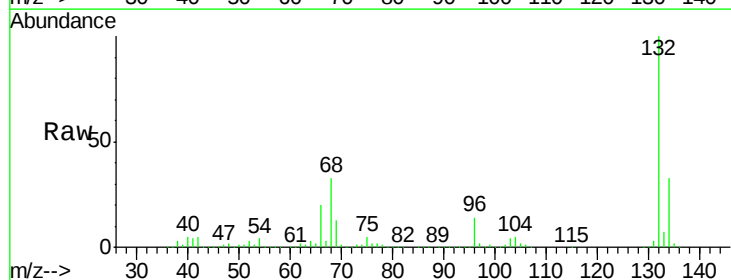
Tgt Ion: 77 Resp: 10441

Ion Ratio Lower Upper

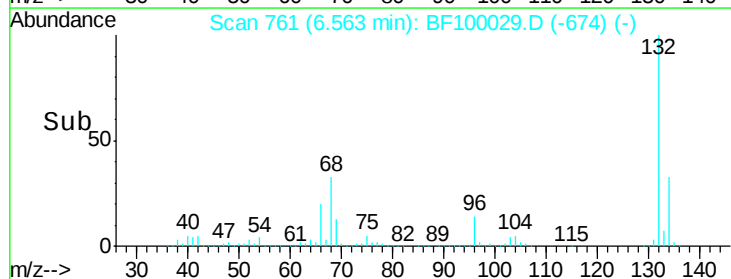
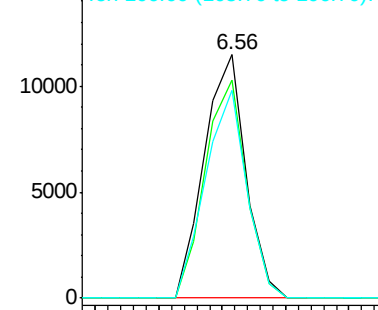
77 100

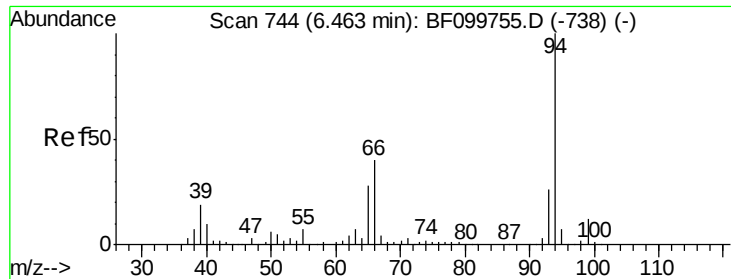
105 89.4 81.1 121.1

106 85.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.04 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Instrument :

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ClientSampleId :

CF-1A(0-2.5)

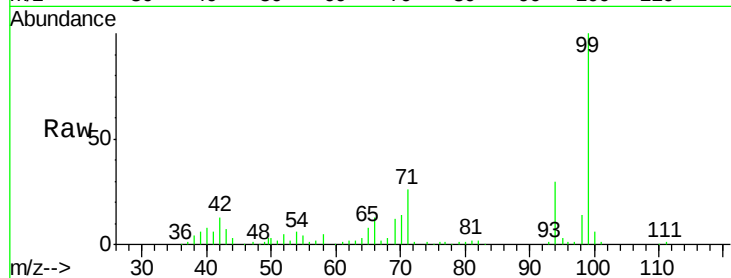
Tgt Ion: 94 Resp: 41883

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

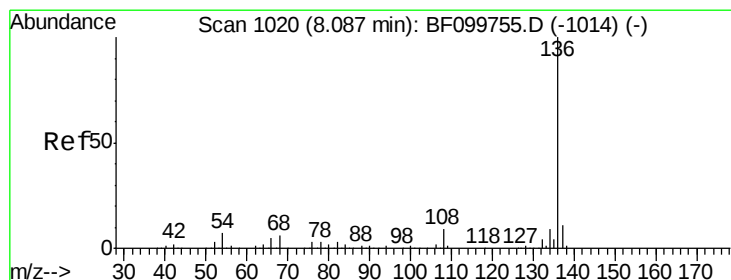
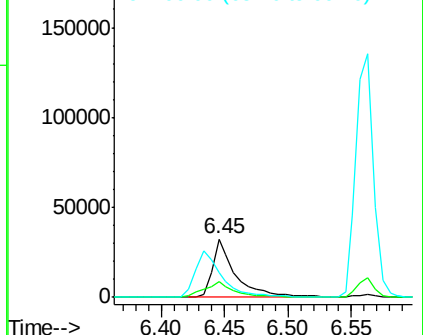
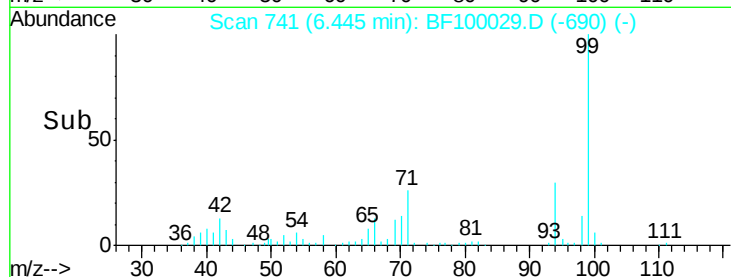
66 42.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF100029.D

Acq: 1 Nov 2017 6:03

Tgt Ion: 136 Resp: 400060

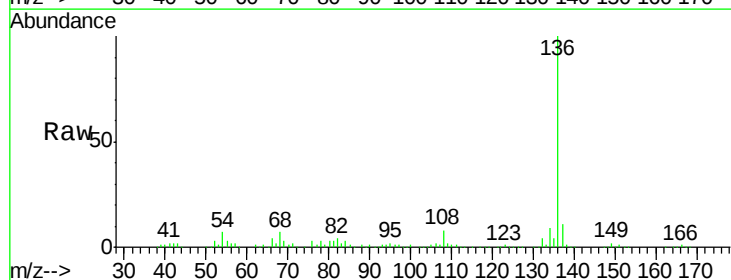
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.0 6.6 9.8

68 6.7 5.0 7.4

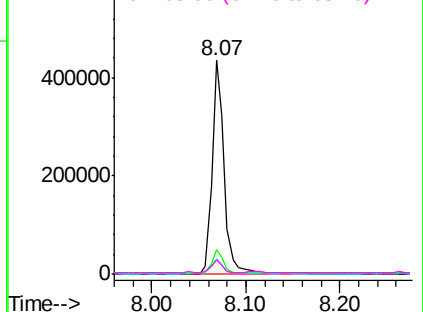
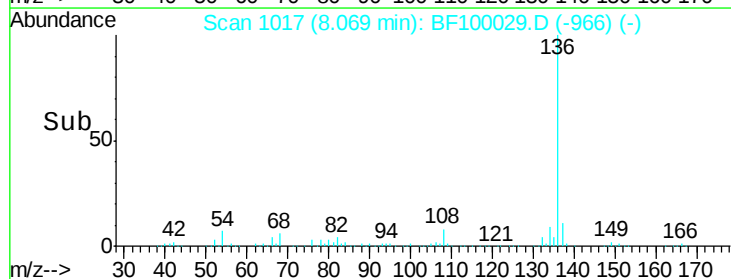


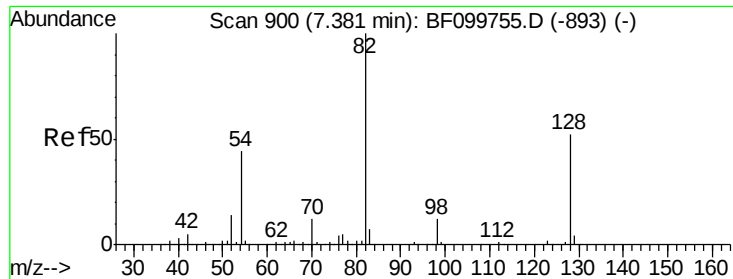
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

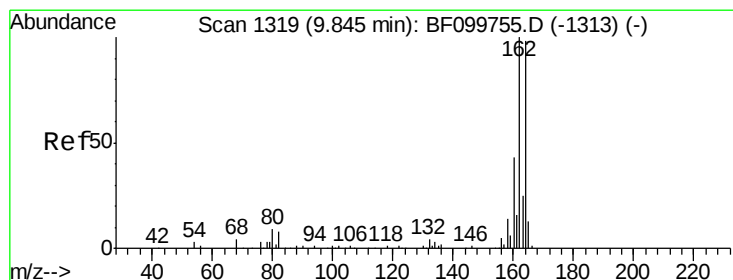
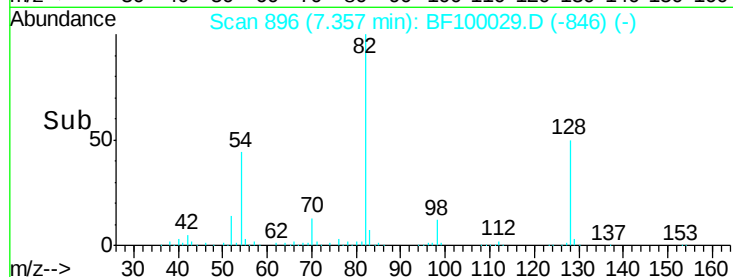
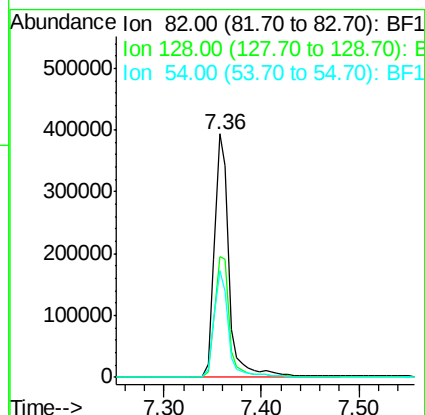
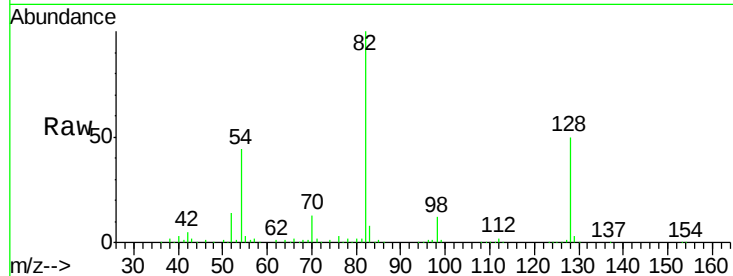




#23
Nitrobenzene-d5
Concen: 65.53 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

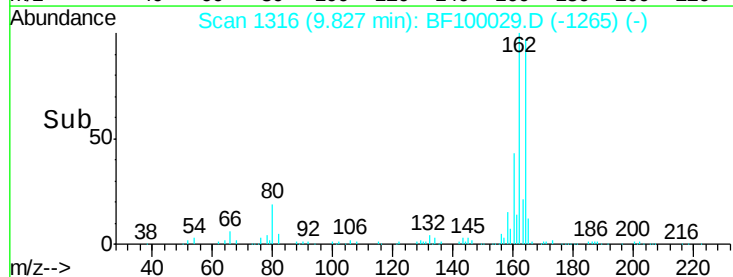
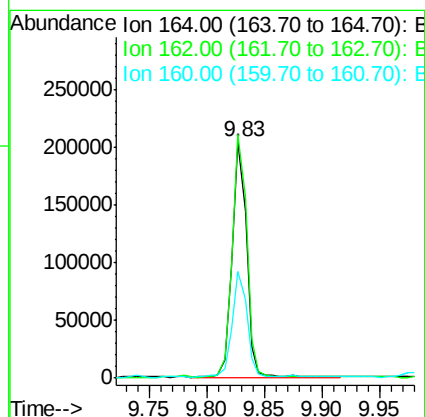
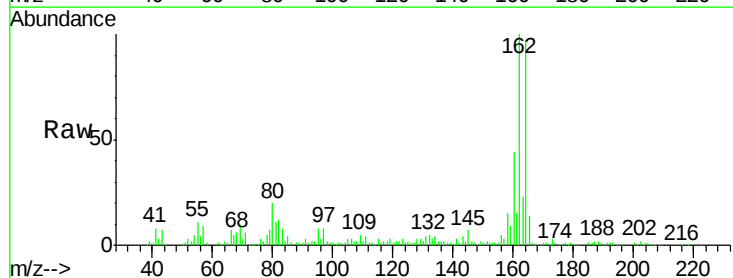
Instrument :
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ClientSampleId :
CF-1A(0-2.5)

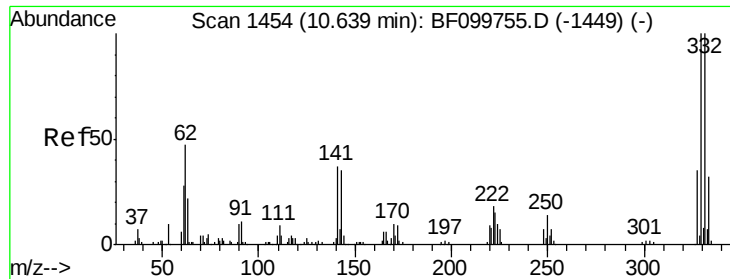
Tgt Ion: 82 Resp: 407224
Ion Ratio Lower Upper
82 100
128 49.6 36.1 54.1
54 43.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF100029.D
Acq: 1 Nov 2017 6:03

Tgt Ion: 164 Resp: 177042
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 44.9 38.3 57.5

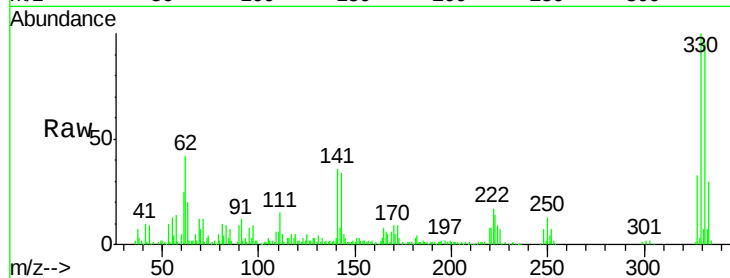




#41
 2,4,6-Tribromophenol
 Concen: 91.97 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF100029.D
 Acq: 1 Nov 2017 6:03

Instrument :
 BNA_F
 ClientSampleId :
 CF-1A(0-2.5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.5	29.9	44.9

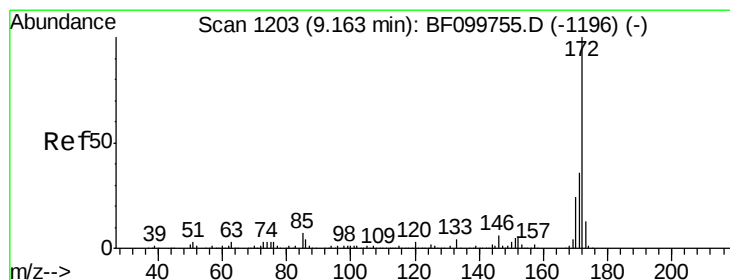
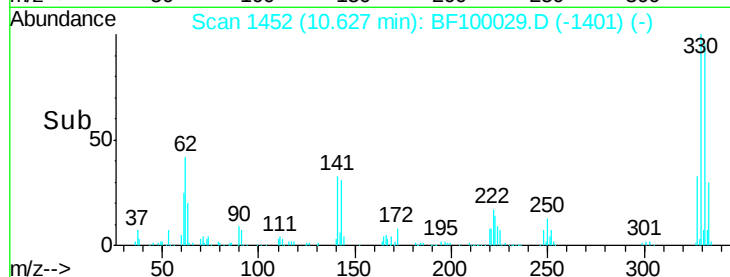
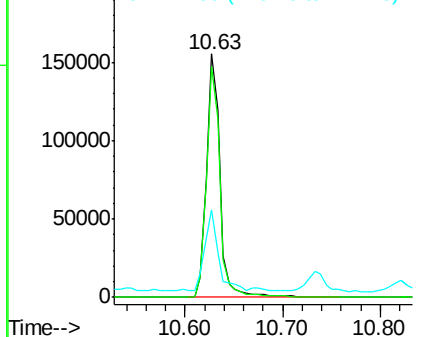


Abundance

Ion 329.80 (329.50 to 330.50): E

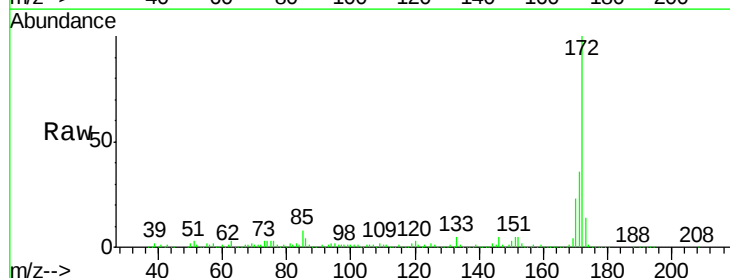
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.53 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF100029.D
 Acq: 1 Nov 2017 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4



Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

