

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088296.D
 Acq On : 23 Jun 2016 18:17
 Operator : UM/SJ
 Sample : H3084-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-160512

Quant Time: Jun 24 01:36:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

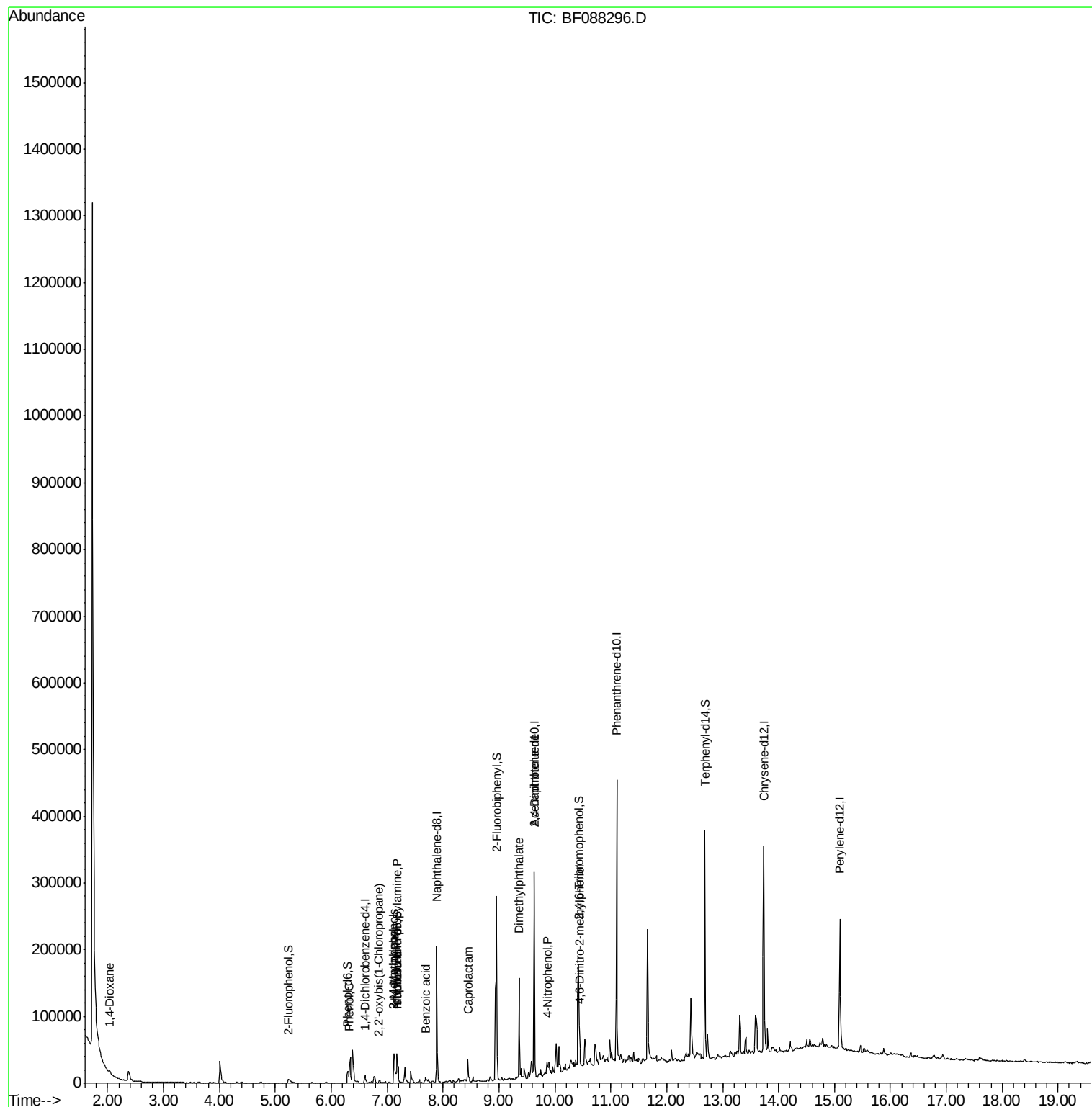
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	3629	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	98772	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	81123	5.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	156933	5.00	ng	-0.01
75) Chrysene-d12	13.74	240	115476	5.00	ng	-0.01
86) Perylene-d12	15.10	264	87831	5.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	11084	13.05	ng	0.06
7) Phenol-d6	6.30	99	20695	20.11	ng	0.03
23) Nitrobenzene-d5	7.18	82	16214	2.40	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	22936	6.69	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	79500	2.64	ng	-0.01
78) Terphenyl-d14	12.69	244	102823	5.07	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	5906	14.31	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	6.86	45	3333	2.73	ng	71
19) n-Nitroso-di-n-propylamine	7.18	70	2003	3.04	ng	# 81
45) 1,1'-Biphenyl	9.07	154	247	Below Cal	#	43
49) Dimethylphthalate	9.36	163	70195	2.99	ng	98
57) Fluorene	10.18	166	352	Below Cal	#	95

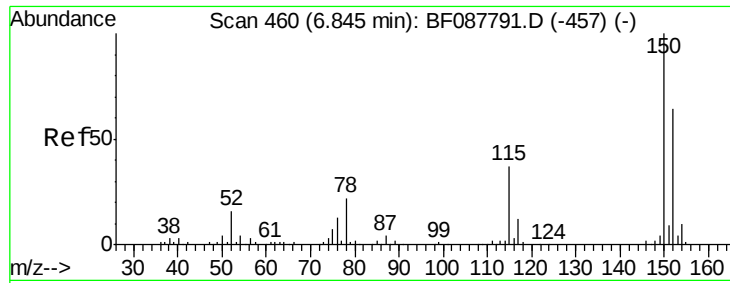
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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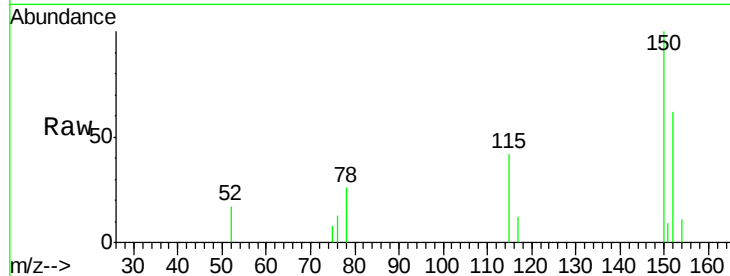




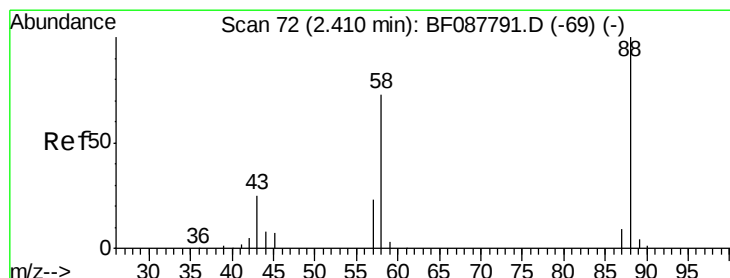
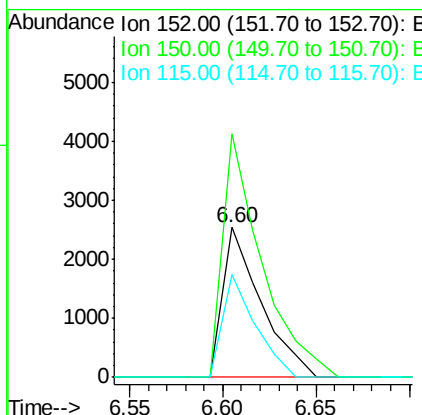
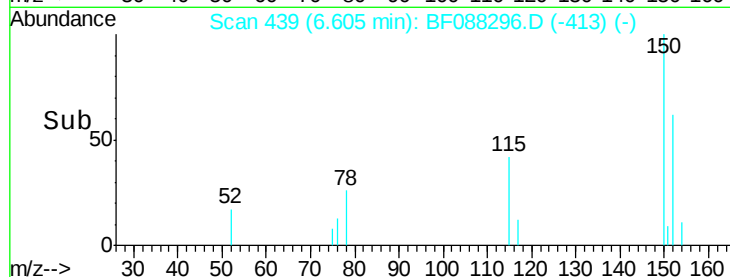
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-160512

Tgt Ion: 152 Resp: 3629
 Ion Ratio Lower Upper
 152 100
 150 162.4 123.8 185.6
 115 68.4 39.6 59.4#

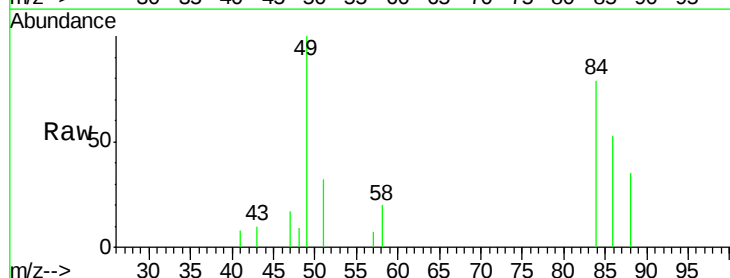


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

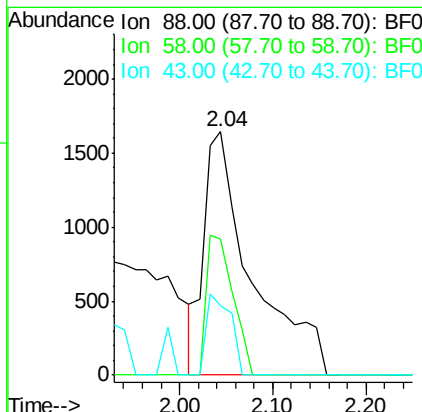
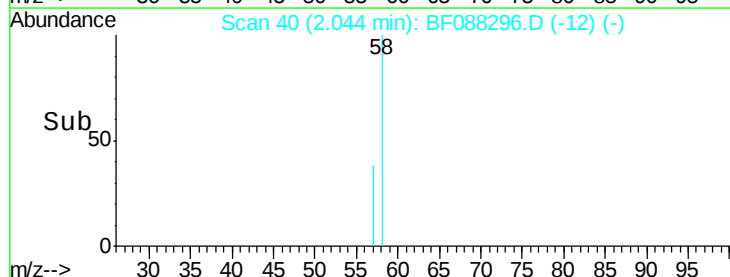


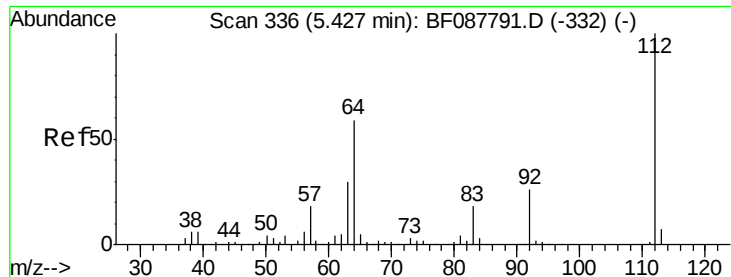
#2
 1,4-Dioxane
 Concen: 14.31 ng
 RT: 2.04 min Scan# 40
 Delta R.T. 0.02 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Tgt Ion: 88 Resp: 5906
 Ion Ratio Lower Upper
 88 100
 58 31.8 0.0 0.0#
 43 16.6 3.4 5.2#



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: 13.05 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.06 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

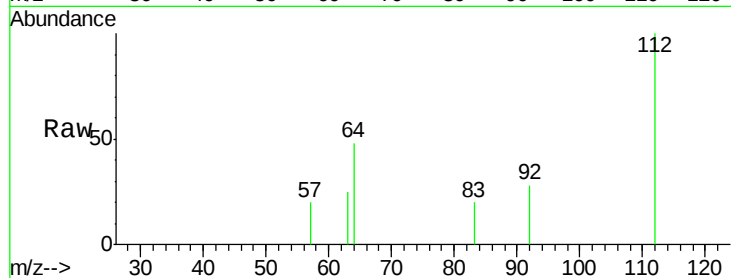
Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

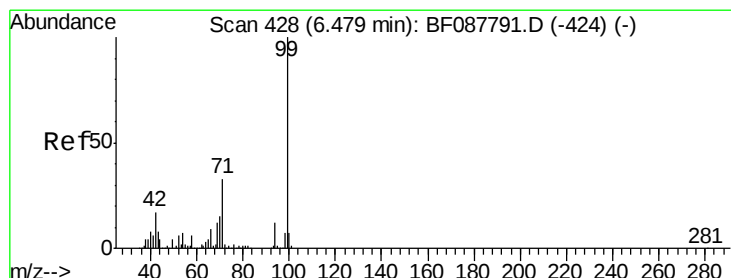
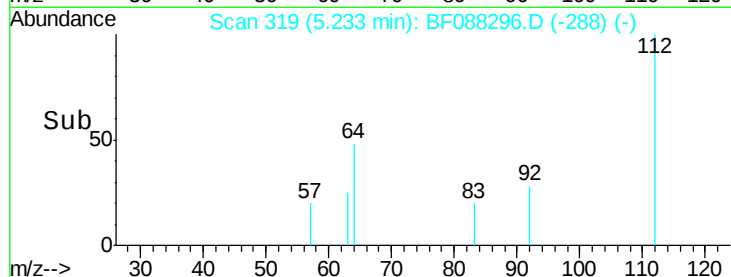
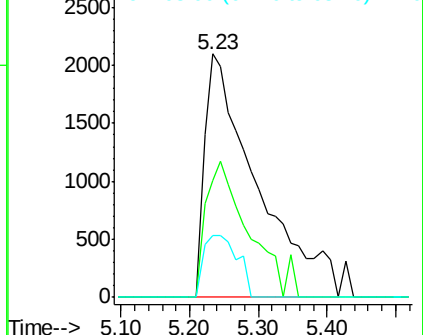
Tgt Ion:	112	Resp:	11084
Ion	Ratio	Lower	Upper
112	100		
64	48.0	42.2	63.2
63	25.2	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 20.11 ng

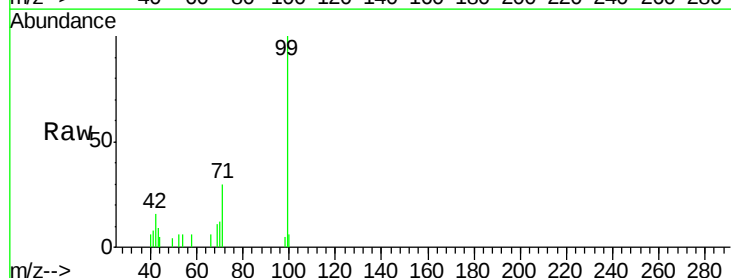
RT: 6.30 min Scan# 412

Delta R.T. 0.03 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

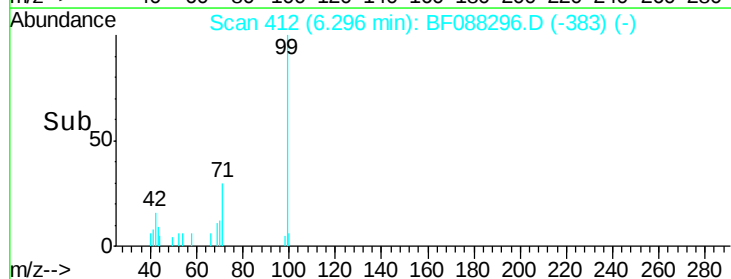
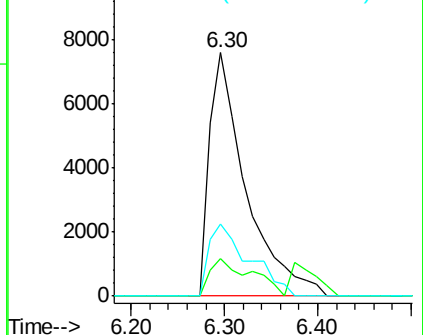
Tgt Ion:	99	Resp:	20695
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	29.8	23.4	35.0

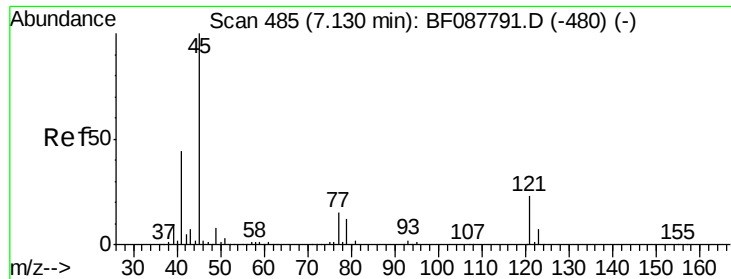


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

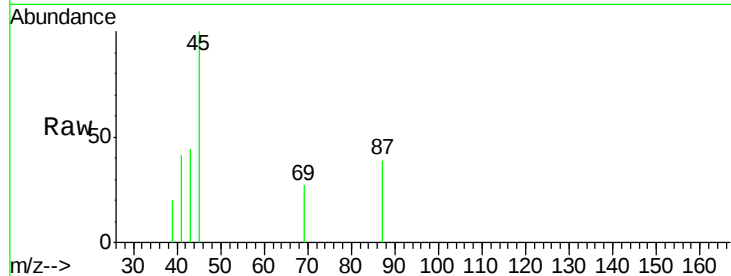




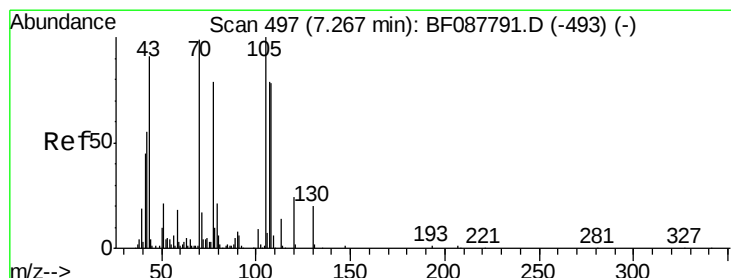
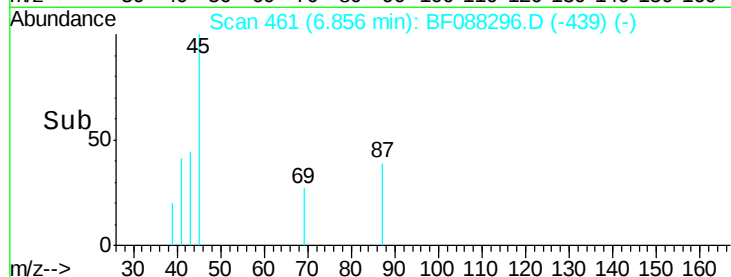
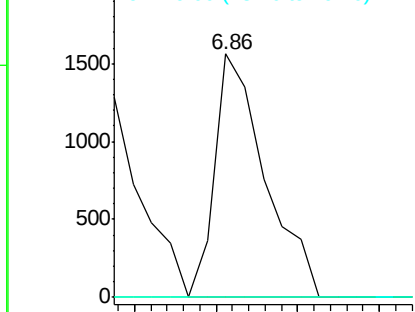
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.73 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF088296.D
Acq: 23 Jun 2016 18:17

Instrument :
BNA_F
ClientSampleId :
LF017MW001-160512

Tgt Ion: 45 Resp: 3333
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.5
79 0.0 0.0 29.5

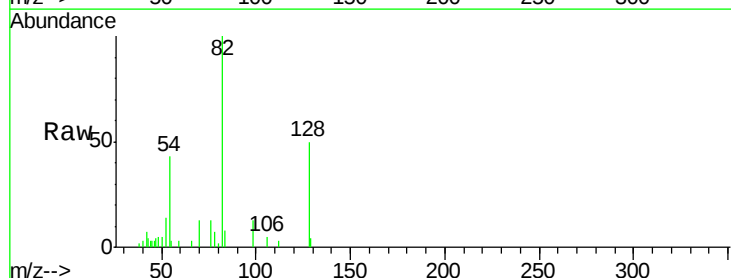


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

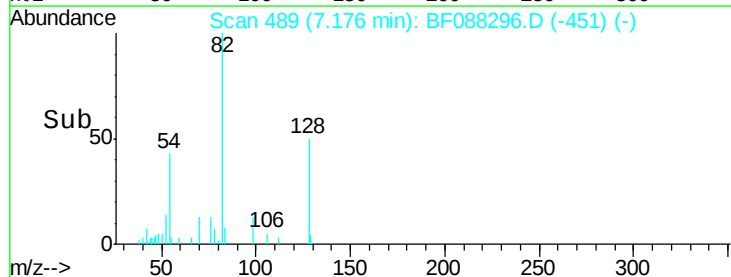
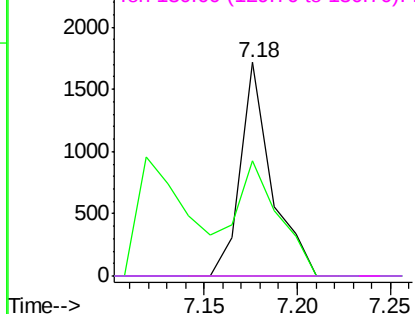


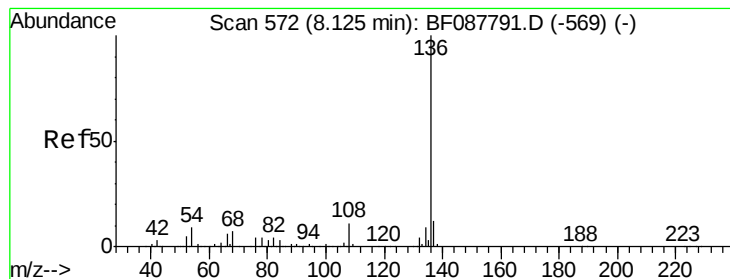
#19
n-Nitroso-di-n-propylamine
Concen: 3.04 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088296.D
Acq: 23 Jun 2016 18:17

Tgt Ion: 70 Resp: 2003
Ion Ratio Lower Upper
70 100
42 54.0 49.6 74.4
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

Tgt Ion:136 Resp: 98772

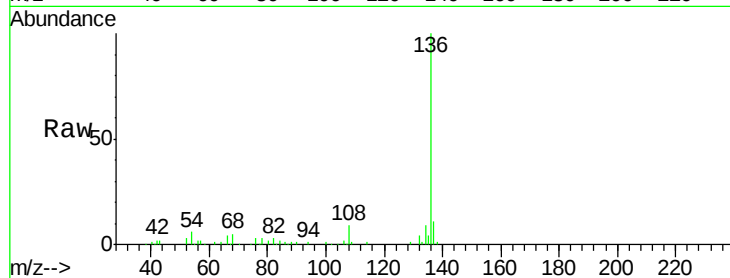
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.0 6.6 10.0#

68 5.1 5.1 7.7#

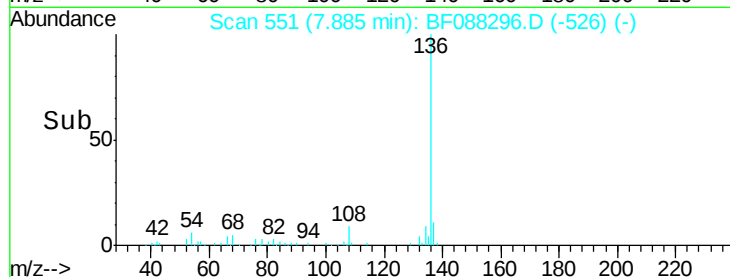


Abundance Ion 136.00 (135.70 to 136.70): E

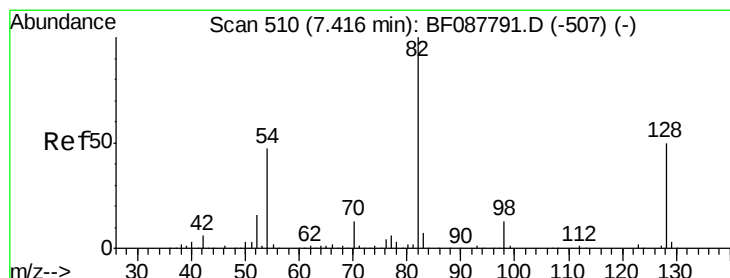
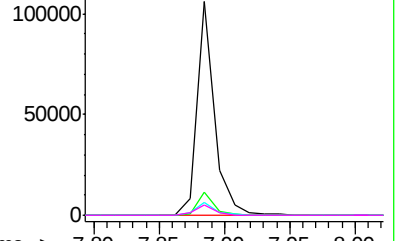
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.80 7.85 7.90 7.95 8.00



#23

Nitrobenzene-d5

Concen: 2.40 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

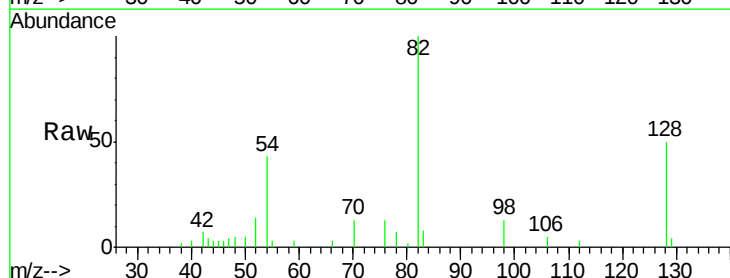
Tgt Ion: 82 Resp: 16214

Ion Ratio Lower Upper

82 100

128 50.3 35.9 53.9

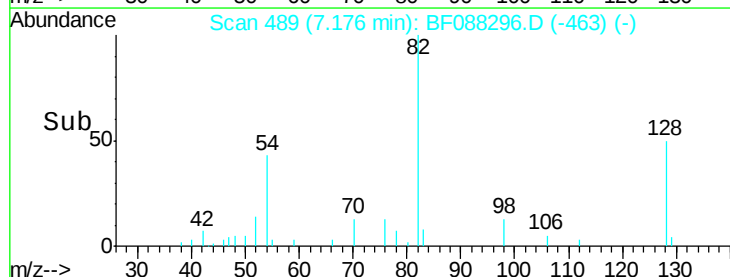
54 43.2 40.9 61.3



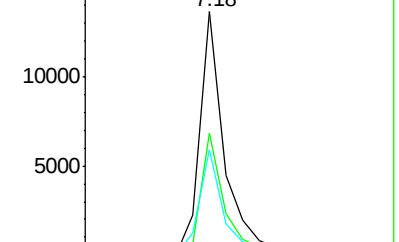
Abundance Ion 82.00 (81.70 to 82.70): BF0

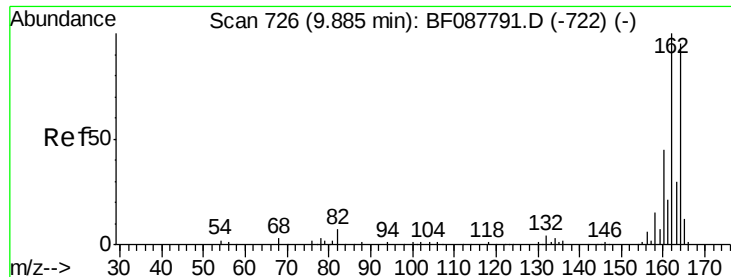
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.10 7.15 7.20 7.25





#38

Acenaphthene-d10

Concen: 5.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

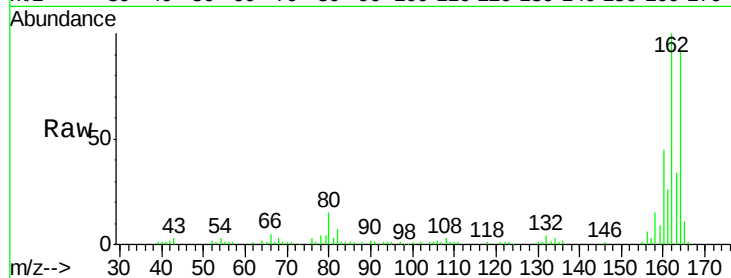
Tgt Ion:164 Resp: 81123

Ion Ratio Lower Upper

164 100

162 108.2 85.4 128.2

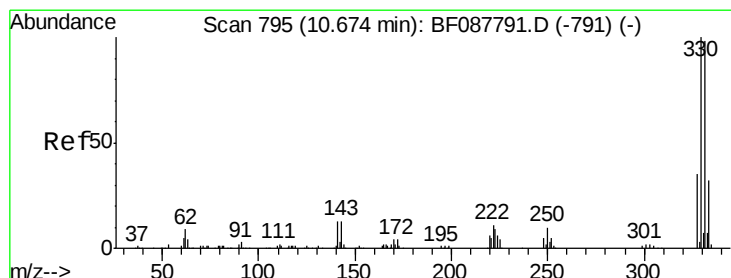
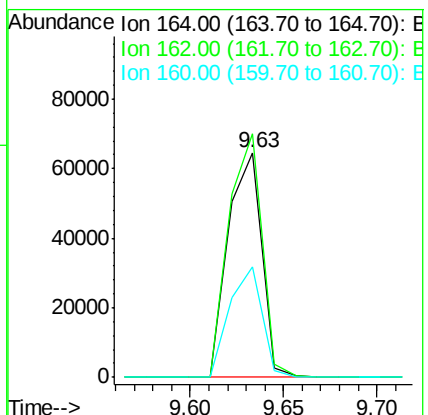
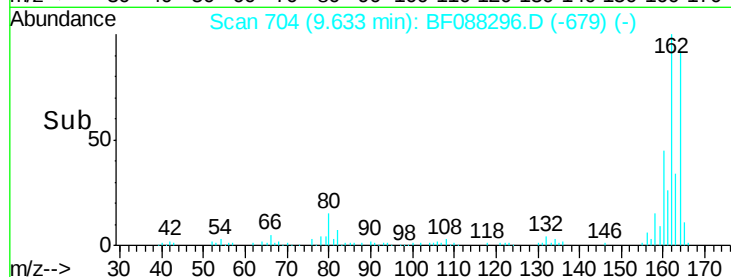
160 49.0 39.5 59.3



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: 6.69 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

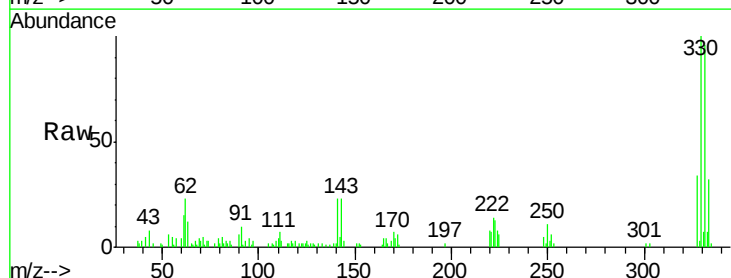
Tgt Ion:330 Resp: 22936

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

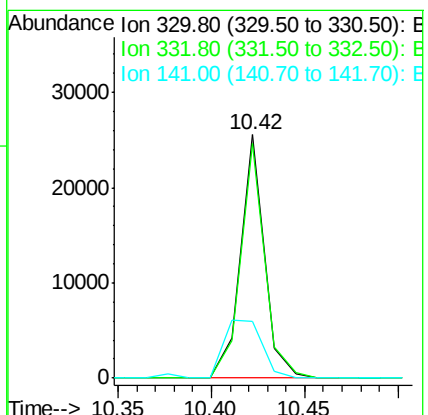
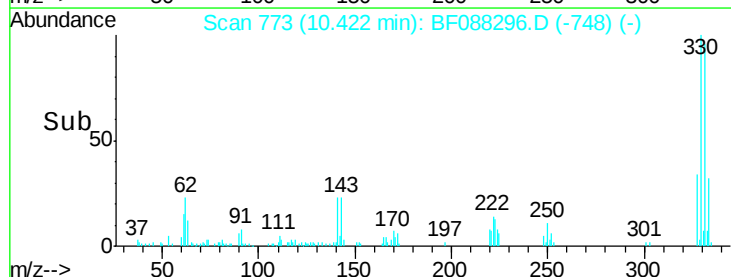
141 39.5 0.0 0.0#



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

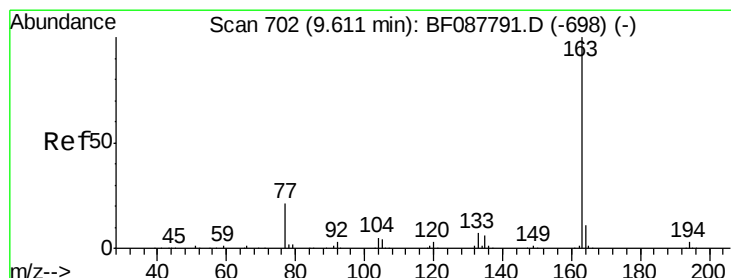
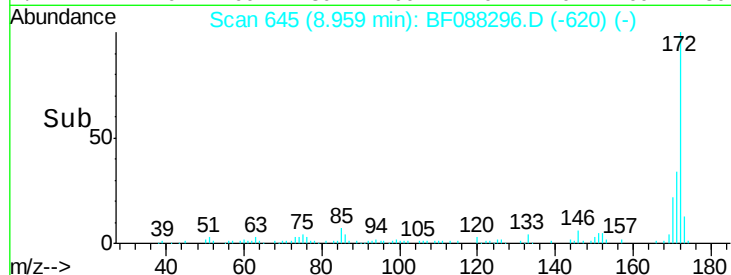
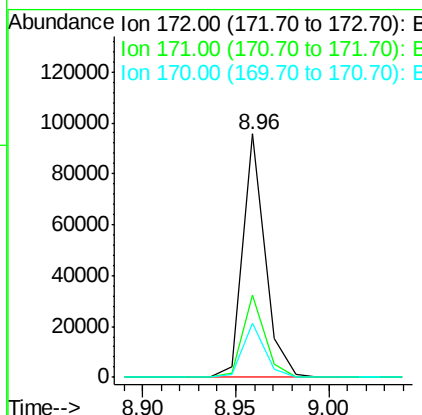
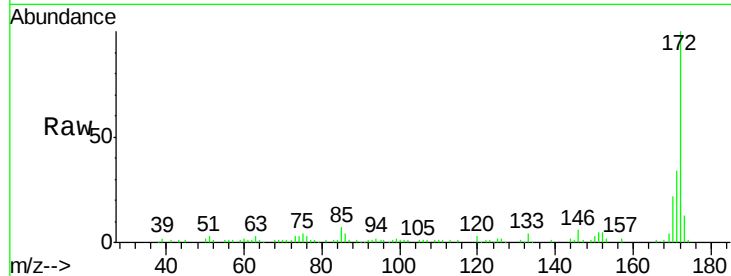




#44
 2-Fluorobiphenyl
 Concen: 2.64 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

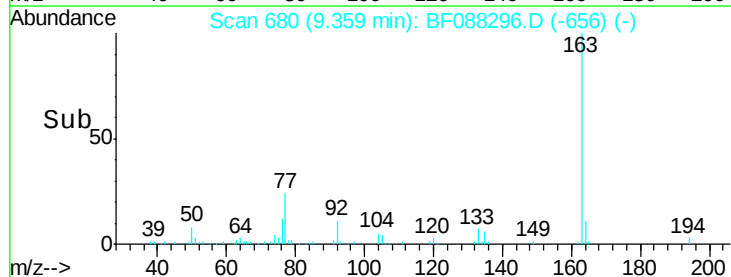
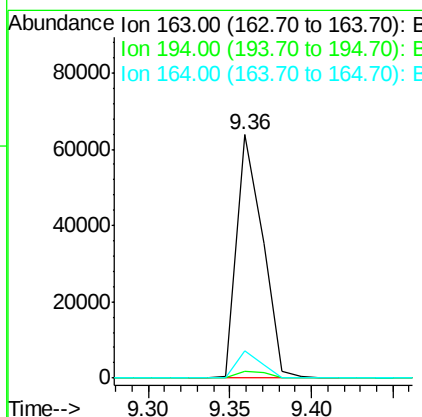
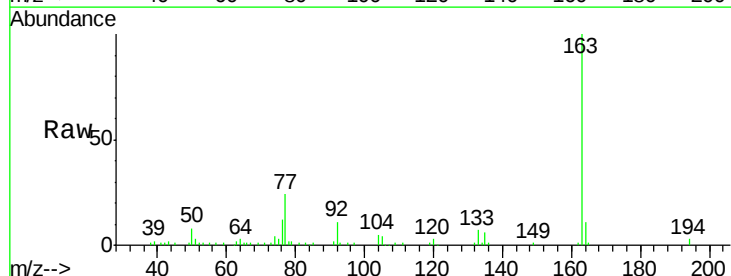
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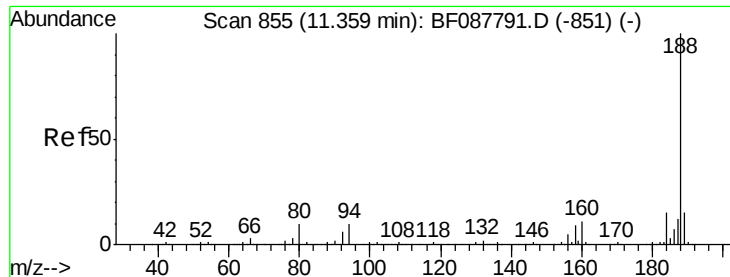
Tgt Ion:172 Resp: 79500
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 22.2 19.2 28.8



#49
 Dimethylphthalate
 Concen: 2.99 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Tgt Ion:163 Resp: 70195
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 11.0 8.3 12.5

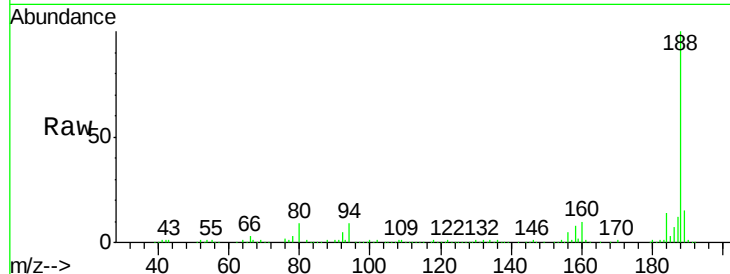




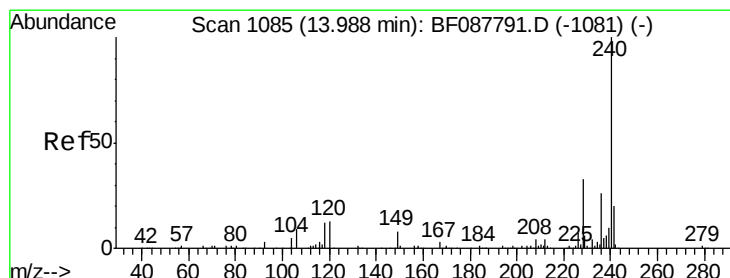
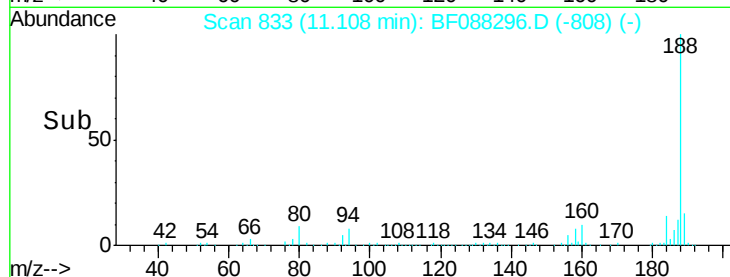
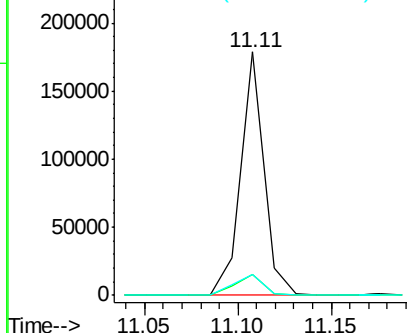
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088296.D
Acq: 23 Jun 2016 18:17

Instrument :
BNA_F
ClientSampleId :
LF017MW001-160512

Tgt Ion:188 Resp: 156933
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 8.5 10.0 15.0#

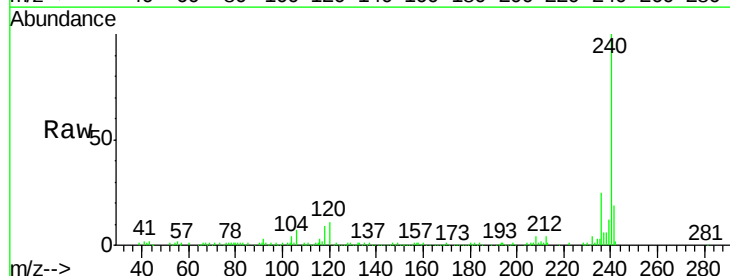


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

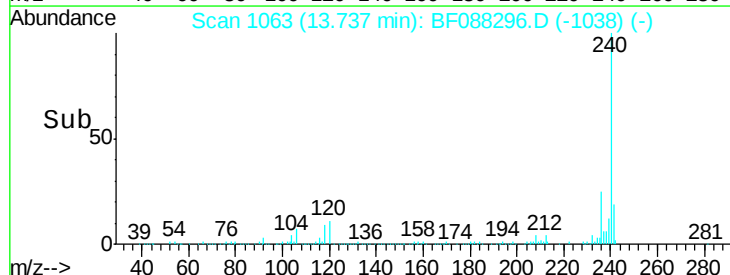
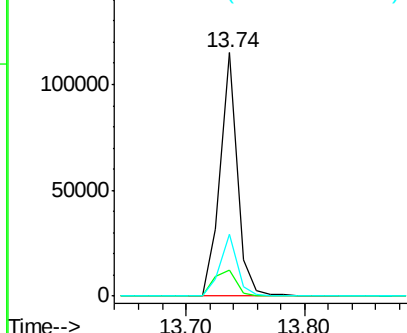


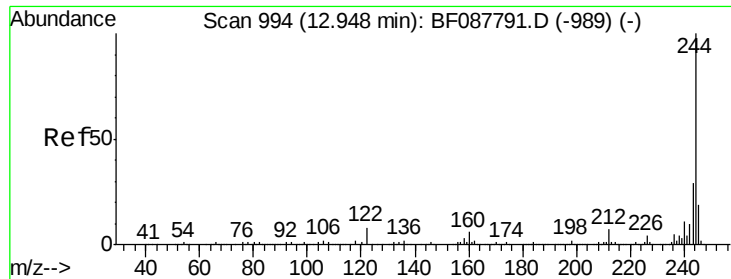
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF088296.D
Acq: 23 Jun 2016 18:17

Tgt Ion:240 Resp: 115476
Ion Ratio Lower Upper
240 100
120 10.7 6.8 10.2#
236 25.3 20.2 30.2



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

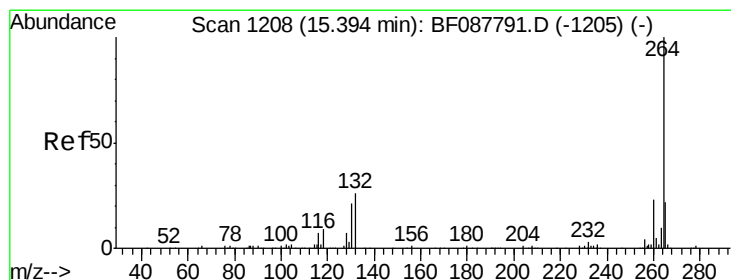
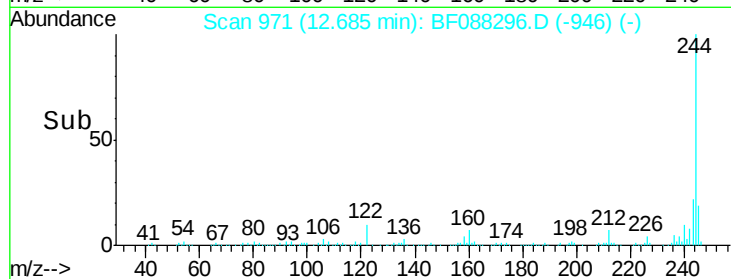
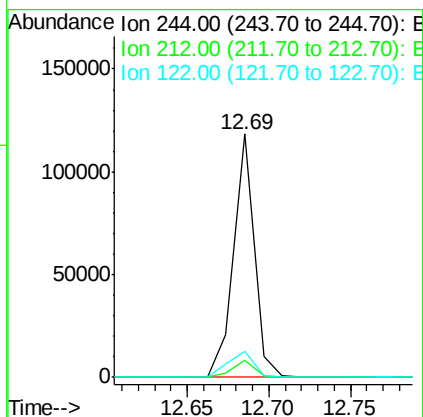
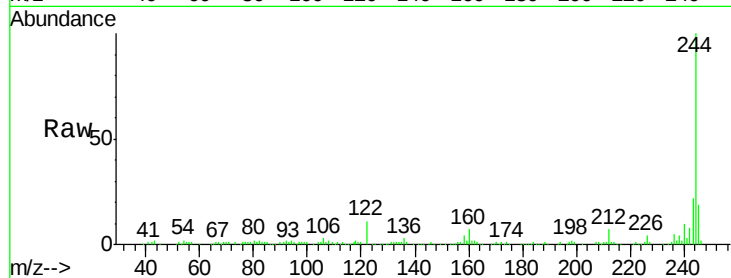




#78
 Terphenyl-d14
 Concen: 5.07 ng
 RT: 12.69 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-160512

Tgt Ion:244 Resp: 102823
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 10.7 11.2 16.8#



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Tgt Ion:264 Resp: 87831
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

