

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062816\
 Data File : BF088494.D
 Acq On : 28 Jun 2016 22:33
 Operator : UM/SJ
 Sample : H3728-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-PAV-2

Quant Time: Jun 29 01:30:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

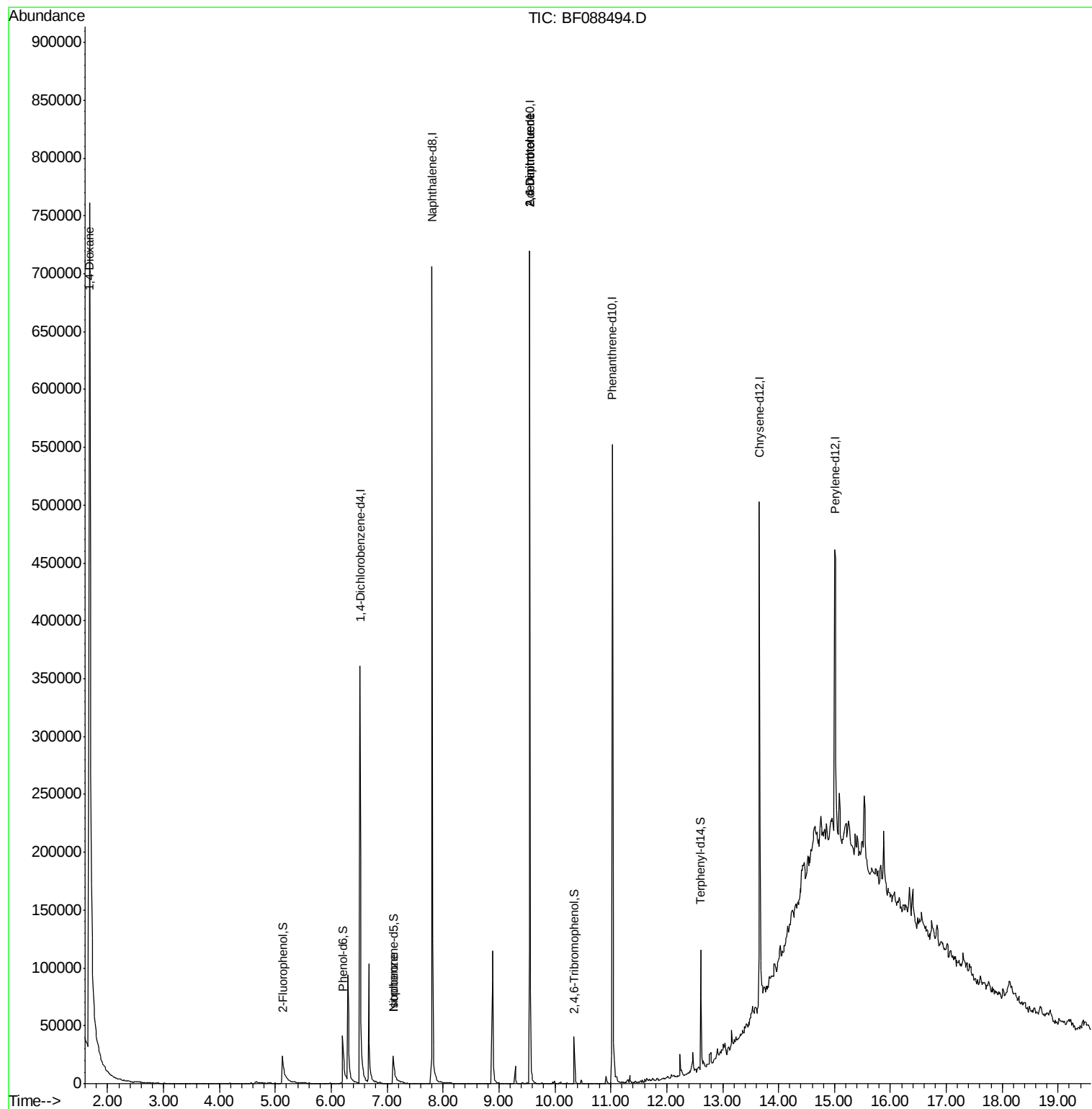
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	87054	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	359426	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	145237	20.00	ng	-0.03
63) Phenanthrene-d10	11.03	188	227993	20.00	ng	-0.03
75) Chrysene-d12	13.66	240	169281	20.00	ng	-0.03
86) Perylene-d12	15.02	264	149428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	35557	6.98	ng	0.00
7) Phenol-d6	6.20	99	49618	8.04	ng	-0.02
23) Nitrobenzene-d5	7.11	82	28392	4.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	8032	5.24	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	65817	1.69	ng	-0.03
78) Terphenyl-d14	12.61	244	43238	5.81	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.68	88	45478	18.38	ng	# 87
25) Isophorone	7.11	82	29392	2.58	ng	# 65
50) 2,6-Dinitrotoluene	9.55	165	18085	7.51	ng	# 37
56) 2,4-Dinitrotoluene	9.55	165	18085	5.84	ng	# 36
57) Fluorene	10.10	166	737	Below Cal		# 84

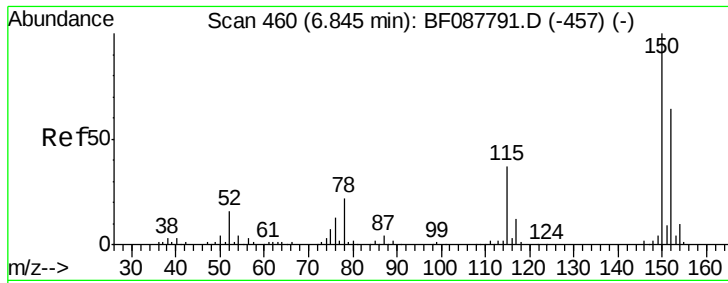
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-PAV-2

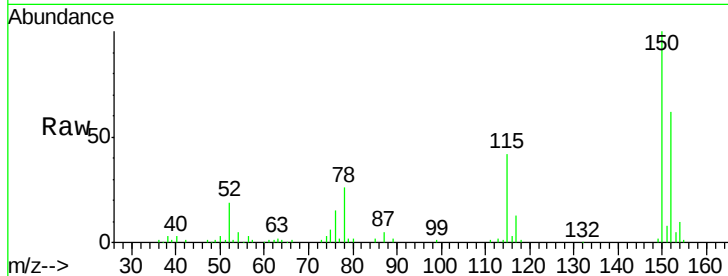
Tgt Ion:152 Resp: 87054

Ion Ratio Lower Upper

152 100

150 162.2 123.8 185.6

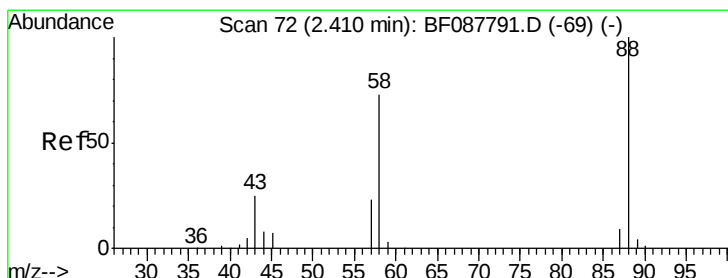
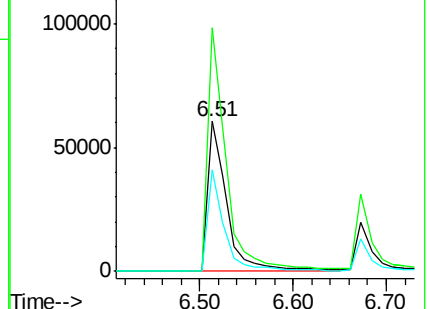
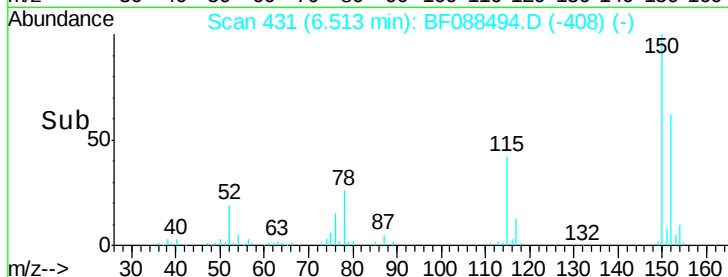
115 67.7 39.6 59.4#



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: 18.38 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.26 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

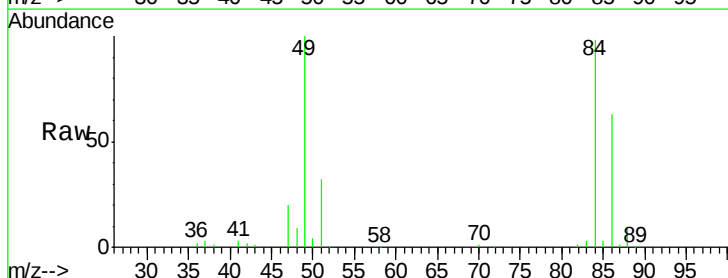
Tgt Ion: 88 Resp: 45478

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

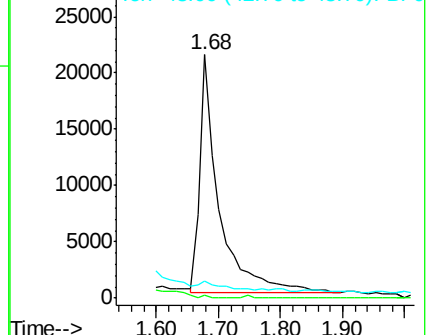
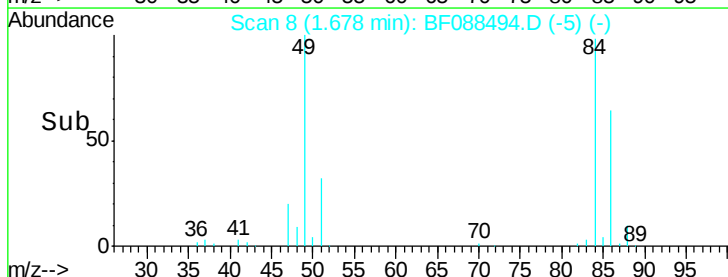
43 0.0 3.4 5.2#

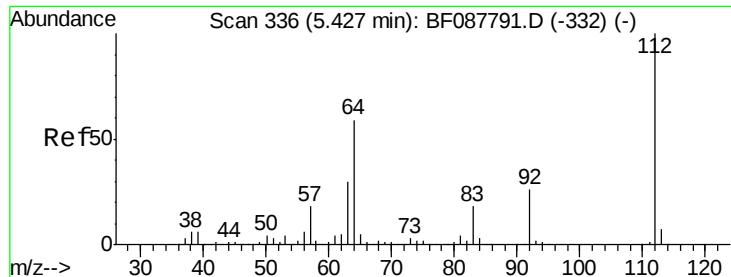


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 6.98 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

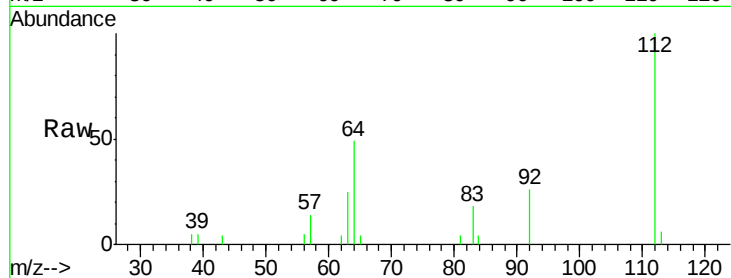
Instrument :

BNA_F

ClientSampleId :

TEC-COMP-PAV-2

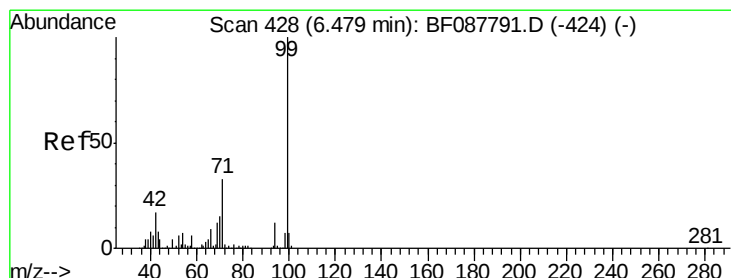
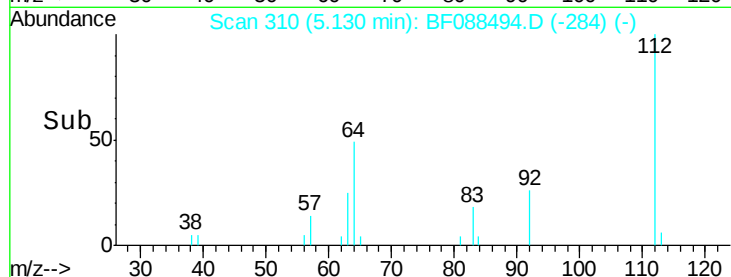
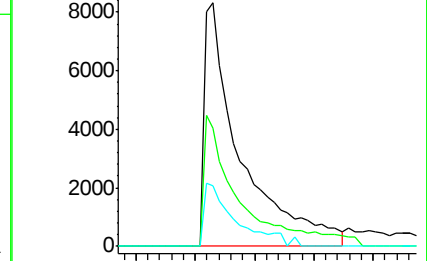
Tgt Ion:	112	Resp:	35557
Ion	Ratio	Lower	Upper
112	100		
64	48.7	42.2	63.2
63	24.9	21.8	32.8



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: 8.04 ng

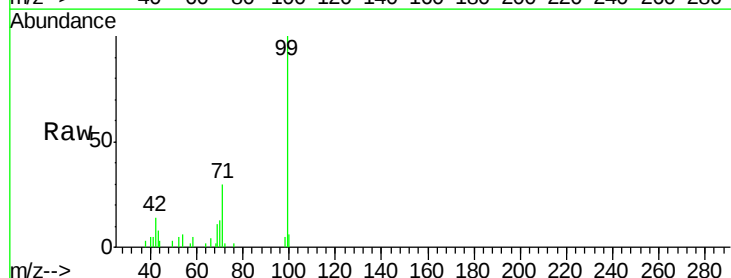
RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

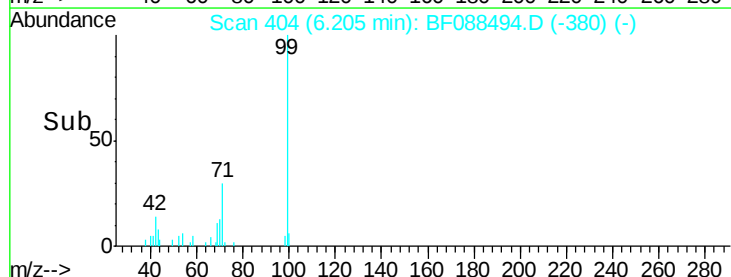
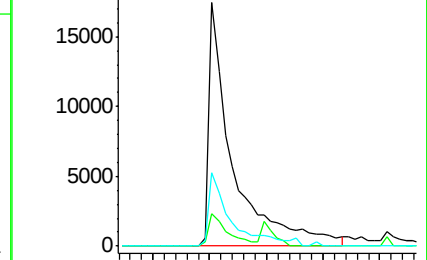
Tgt Ion:	99	Resp:	49618
Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.2
71	30.2	23.4	35.0

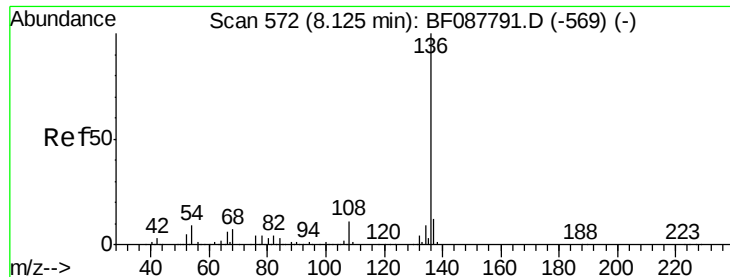


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

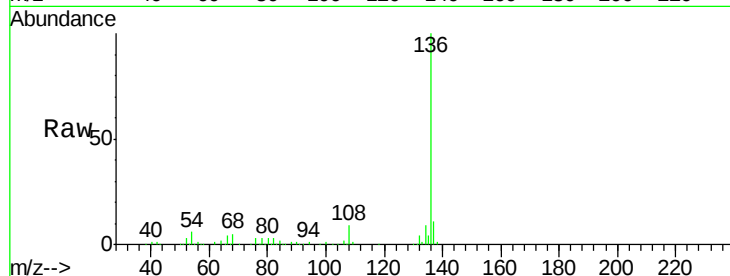




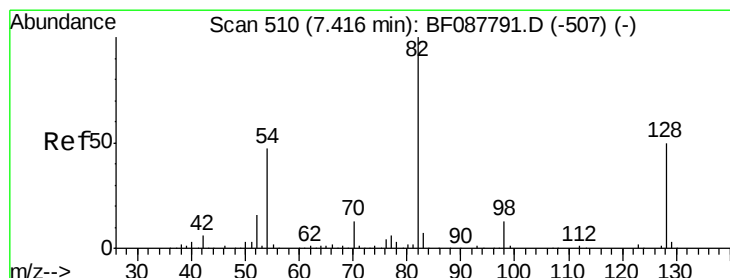
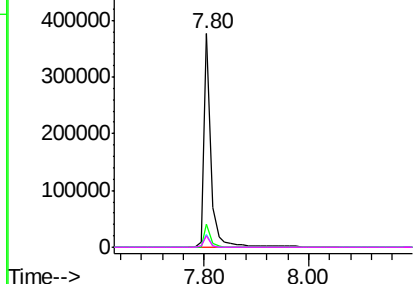
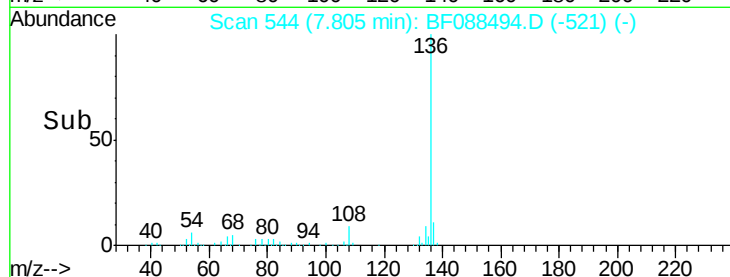
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF088494.D
Acq: 28 Jun 2016 22:33

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:	136	Resp:	359426
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.8	6.6	10.0#
68	5.2	5.1	7.7

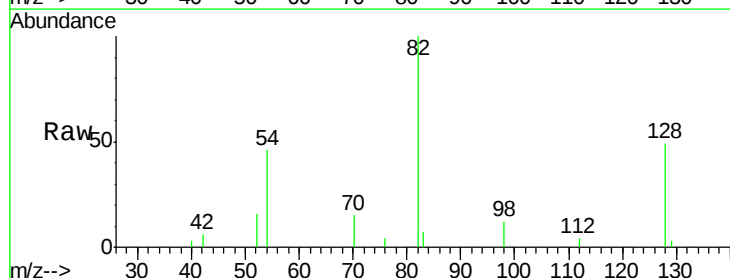


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

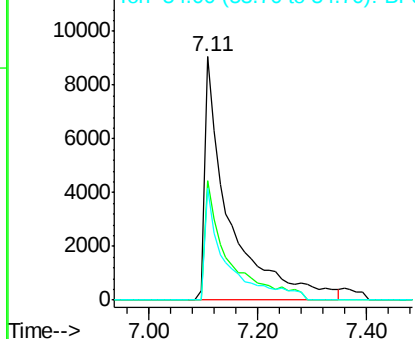
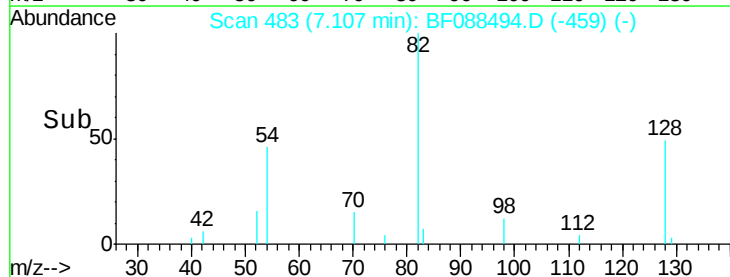


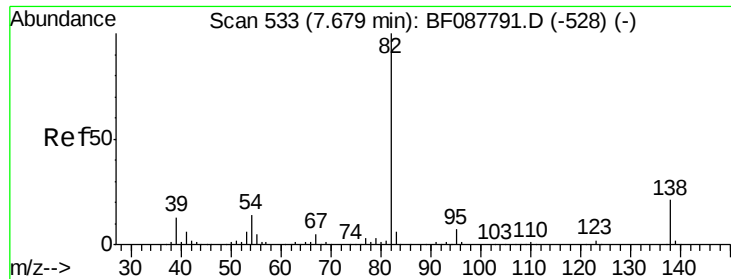
#23
Nitrobenzene-d5
Concen: 4.61 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088494.D
Acq: 28 Jun 2016 22:33

Tgt Ion:	82	Resp:	28392
Ion	Ratio	Lower	Upper
82	100		
128	49.2	35.9	53.9
54	45.8	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





#25

Isophorone

Concen: 2.58 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-PAV-2

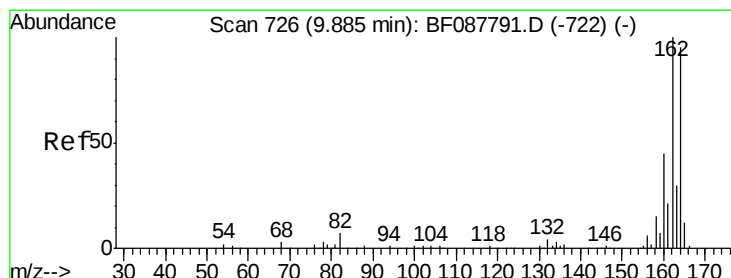
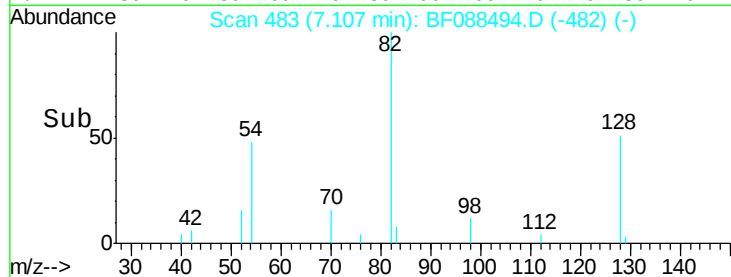
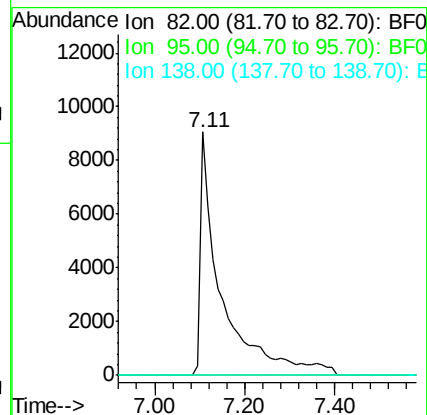
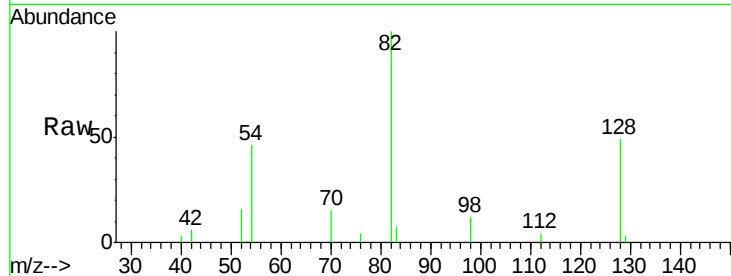
Tgt Ion: 82 Resp: 29392

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

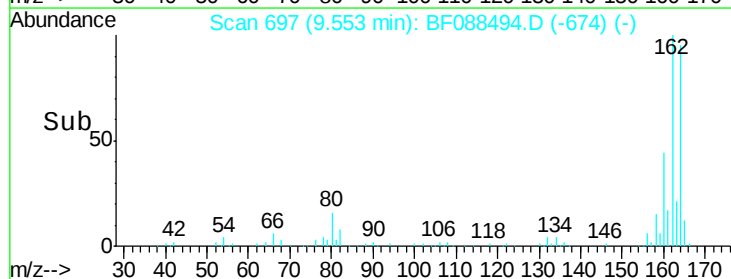
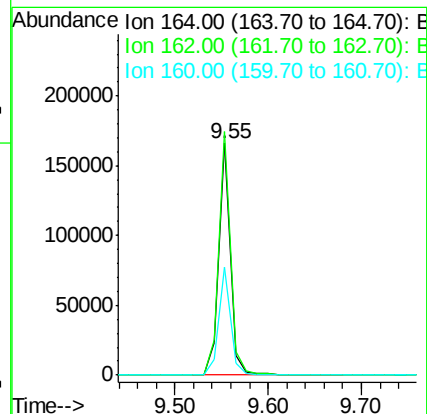
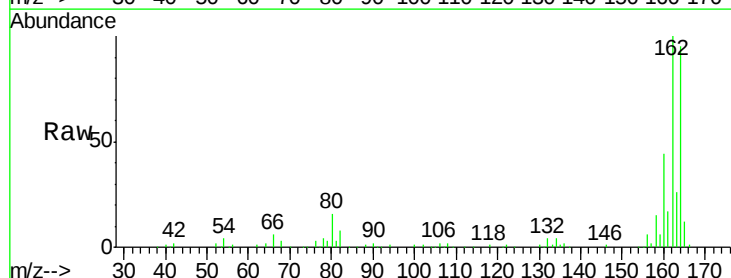
Tgt Ion: 164 Resp: 145237

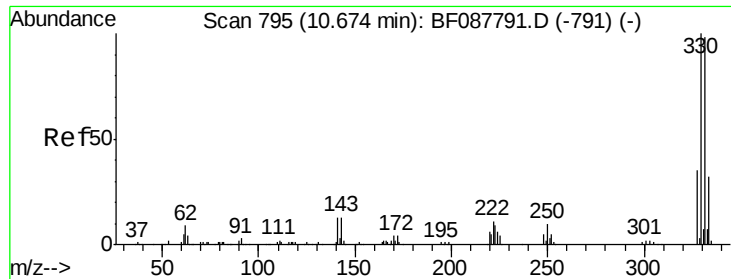
Ion Ratio Lower Upper

164 100

162 105.1 85.4 128.2

160 46.7 39.5 59.3

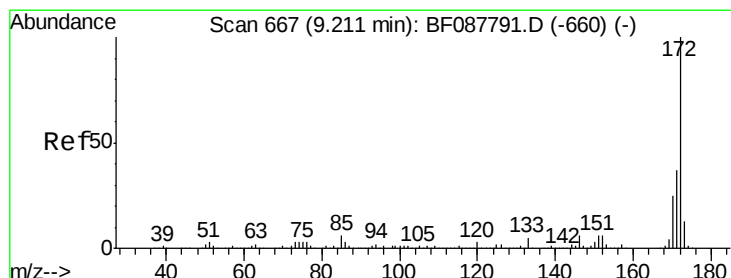
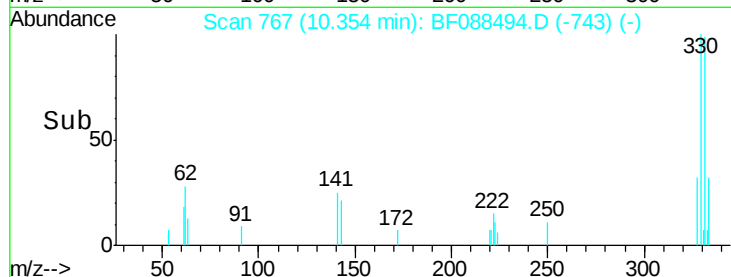
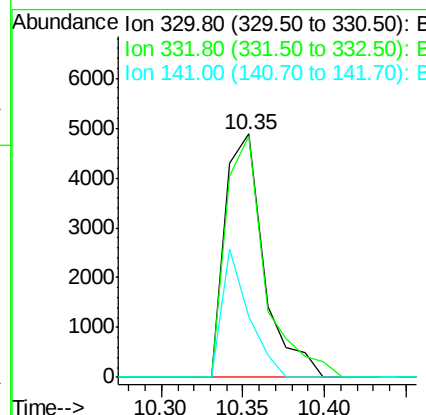
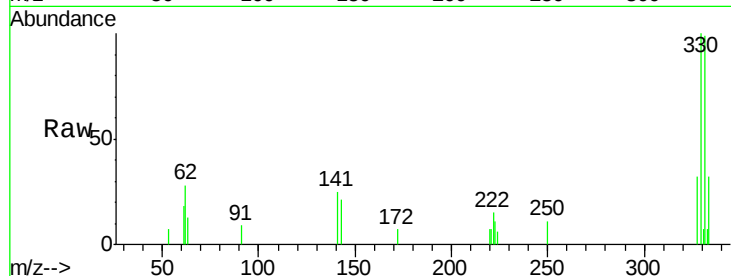




#41
 2,4,6-Tribromophenol
 Concen: 5.24 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088494.D
 Acq: 28 Jun 2016 22:33

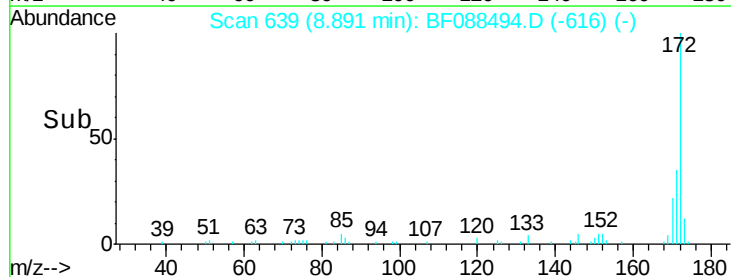
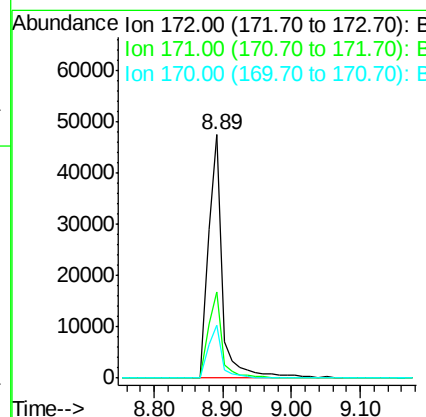
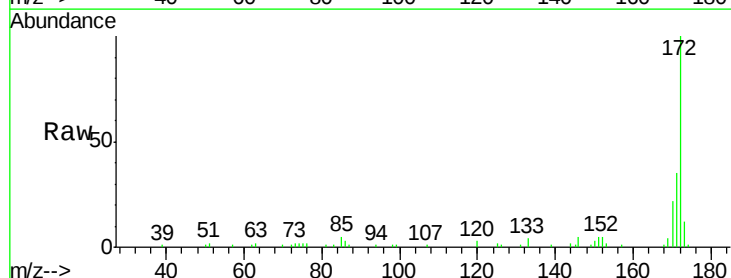
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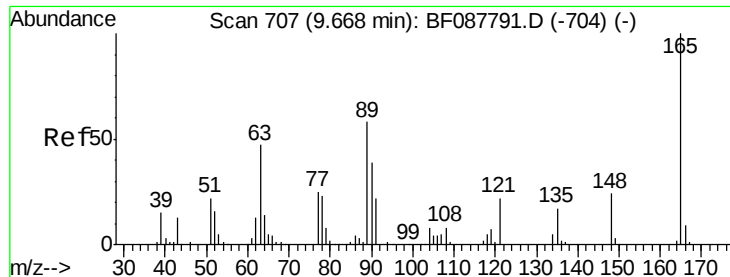
Tgt Ion: 330 Resp: 8032
 Ion Ratio Lower Upper
 330 100
 332 99.9 0.0 0.0#
 141 36.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 1.69 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF088494.D
 Acq: 28 Jun 2016 22:33

Tgt Ion: 172 Resp: 65817
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 21.9 19.2 28.8

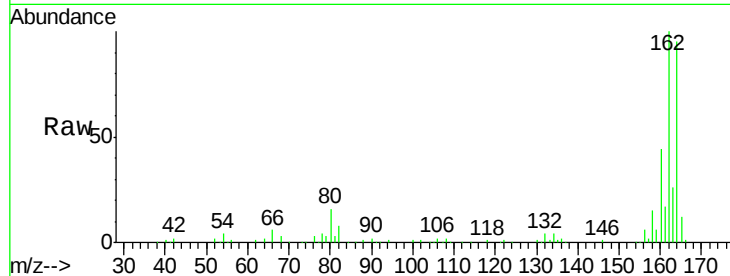




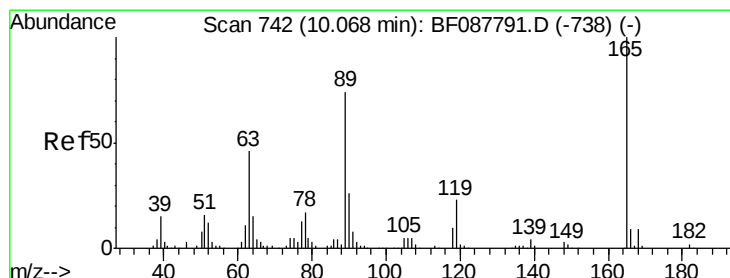
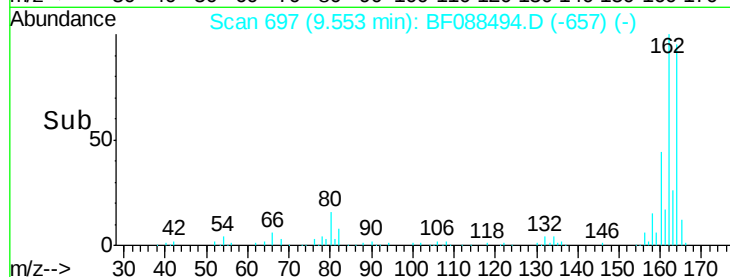
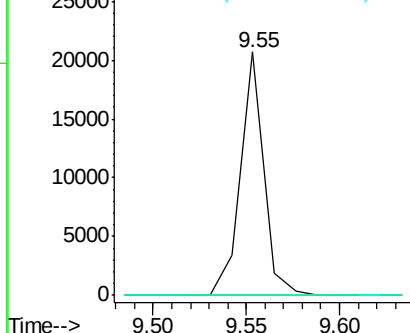
#50
 2,6-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.16 min
 Lab File: BF088494.D
 Acq: 28 Jun 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-PAV-2

Tgt Ion:165 Resp: 18085
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#



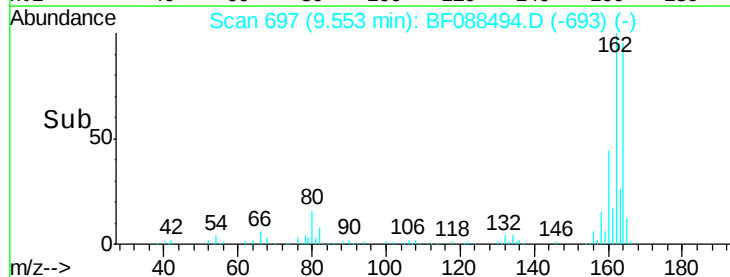
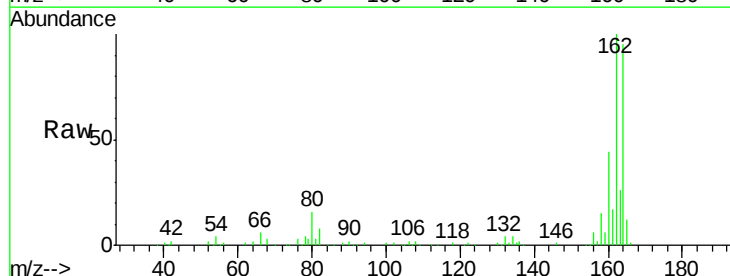
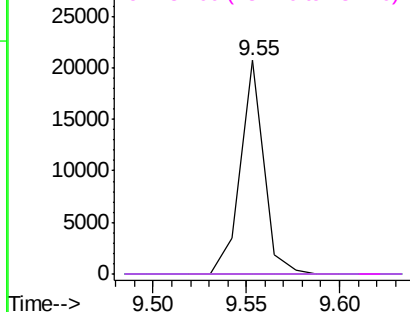
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

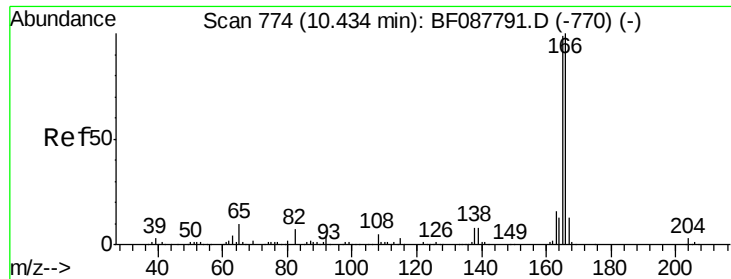


#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF088494.D
 Acq: 28 Jun 2016 22:33

Tgt Ion:165 Resp: 18085
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.0 33.0#
 89 0.0 41.1 61.7#
 182 0.0 2.0 3.0#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

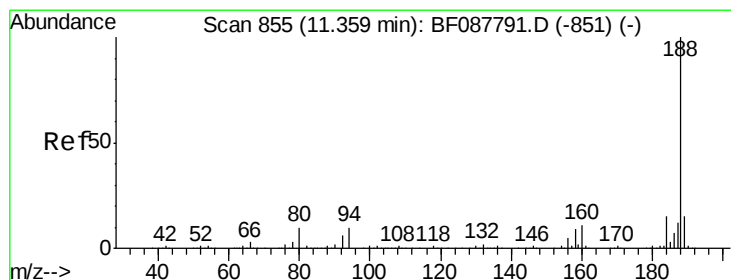
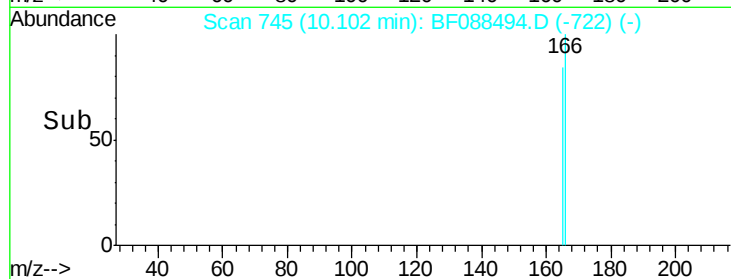
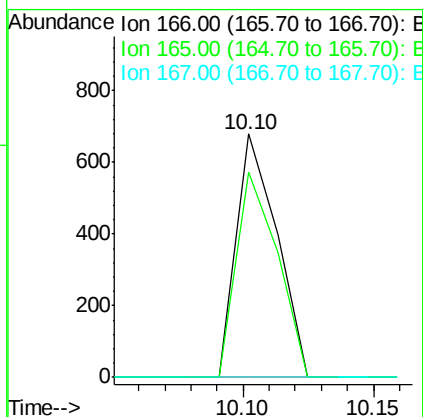
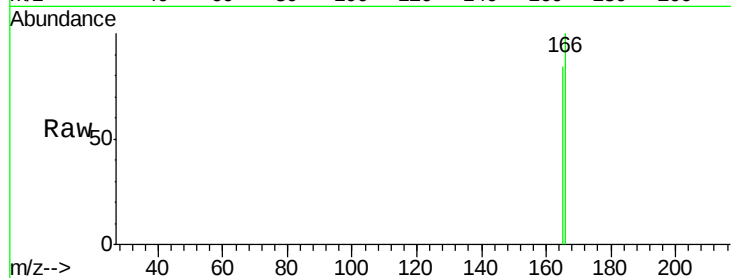




#57
Fluorene
 Concen: Below Cal
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088494.D
 Acq: 28 Jun 2016 22:33

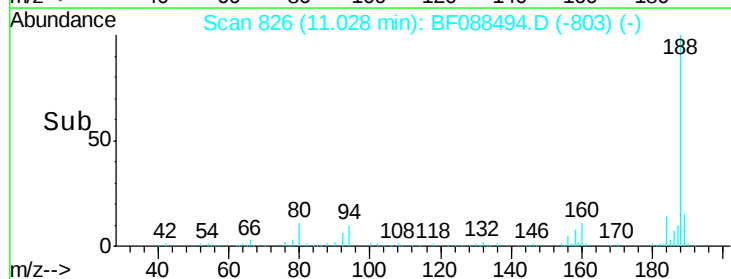
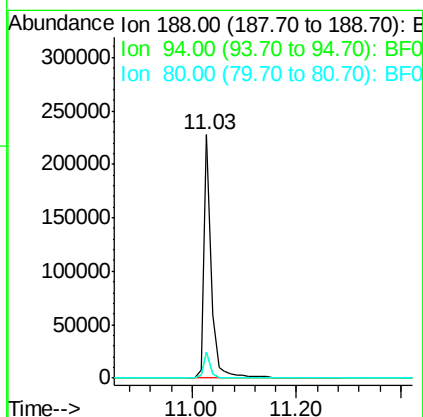
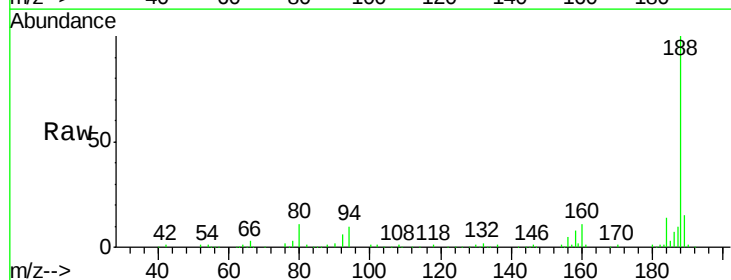
Instrument :
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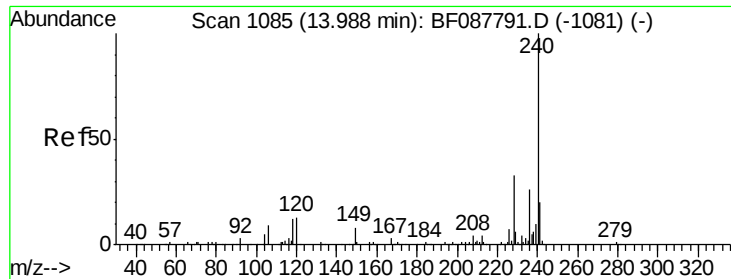
Tgt Ion:166 Resp: 737
 Ion Ratio Lower Upper
 166 100
 165 84.1 77.8 116.8
 167 0.0 11.2 16.8#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF088494.D
 Acq: 28 Jun 2016 22:33

Tgt Ion:188 Resp: 227993
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.0 13.6
 80 10.5 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-PAV-2

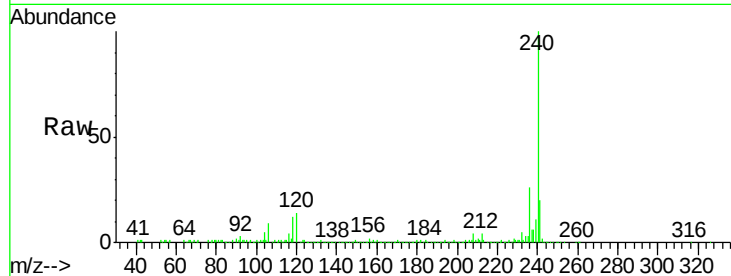
Tgt Ion:240 Resp: 169281

Ion Ratio Lower Upper

240 100

120 14.3 6.8 10.2#

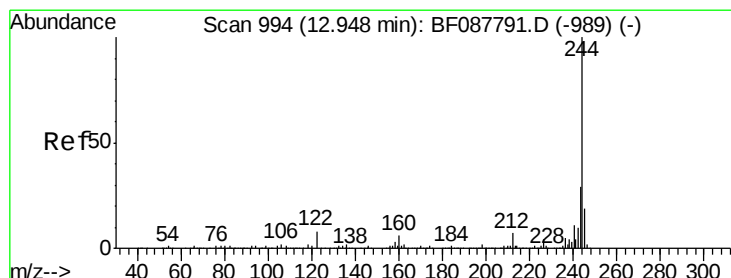
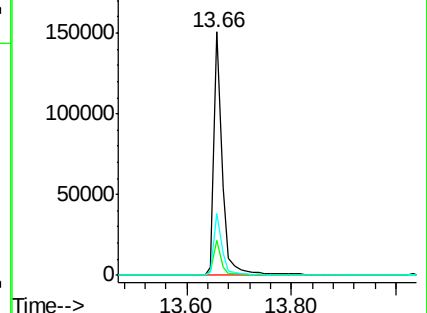
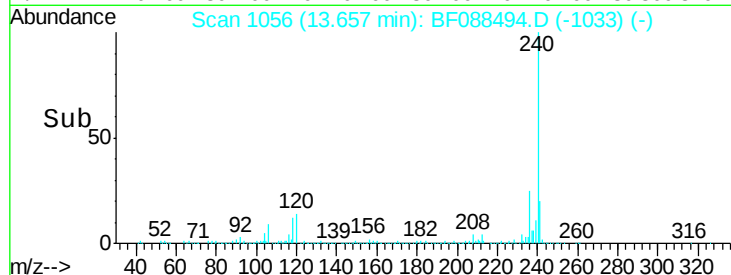
236 25.6 20.2 30.2



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: 5.81 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF088494.D

Acq: 28 Jun 2016 22:33

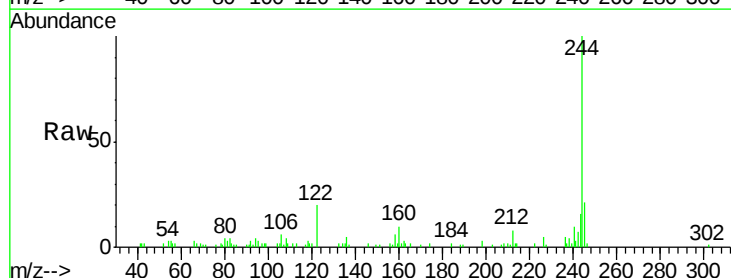
Tgt Ion:244 Resp: 43238

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

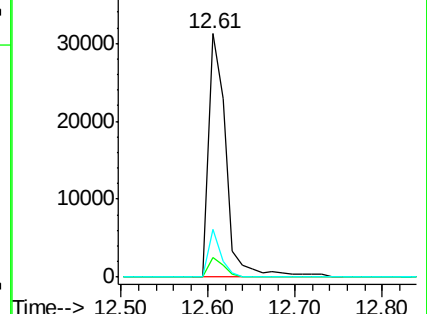
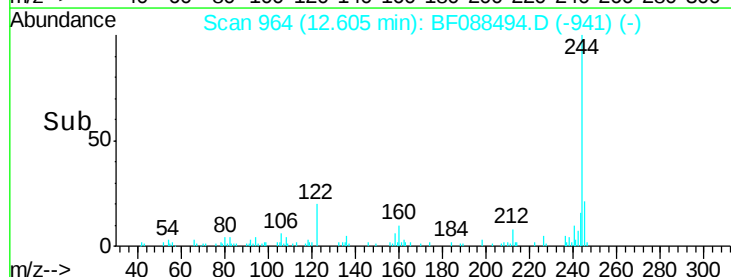
122 19.6 11.2 16.8#

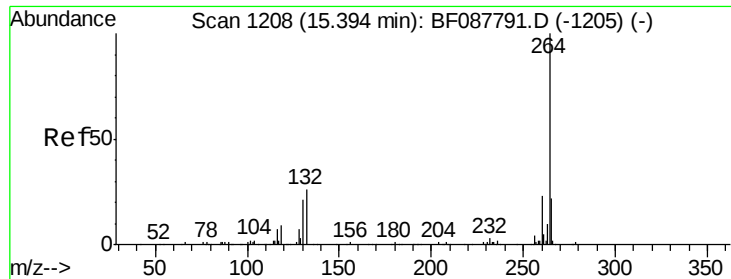


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF088494.D
Acq: 28 Jun 2016 22:33

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion: 264 Resp: 149428

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	16.9	25.3

