

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092123.D
 Acq On : 6 Jan 2017 18:07
 Operator : UM/SJ
 Sample : I1027-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
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Quant Time: Jan 07 01:33:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	201909	20.00	ng	0.07
21) Naphthalene-d8	7.94	136	823170	20.00	ng	0.01
38) Acenaphthene-d10	9.68	164	179055	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	240668	20.00	ng	0.00
75) Chrysene-d12	13.81	240	317087	20.00	ng	0.02
86) Perylene-d12	15.17	264	340744	20.00	ng	0.02

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System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	52807	3.58	ng	0.14
23) Nitrobenzene-d5	7.26	82	956787	64.63	ng	0.05
41) 2,4,6-Tribromophenol	10.47	330	9442	6.37	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1001290	119.87	ng	0.00
78) Terphenyl-d14	12.77	244	923920	70.67	ng	0.02

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Target Compounds

						Qvalue
10) Phenol	6.46	94	54158	3.22	ng	# 72
15) Benzyl Alcohol	6.89	79	119205m	10.39	ng	
45) 1,1'-Biphenyl	9.10	154	28836	2.35	ng	92
49) Dimethylphthalate	9.41	163	48874	4.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	60600	4.86	ng	95

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

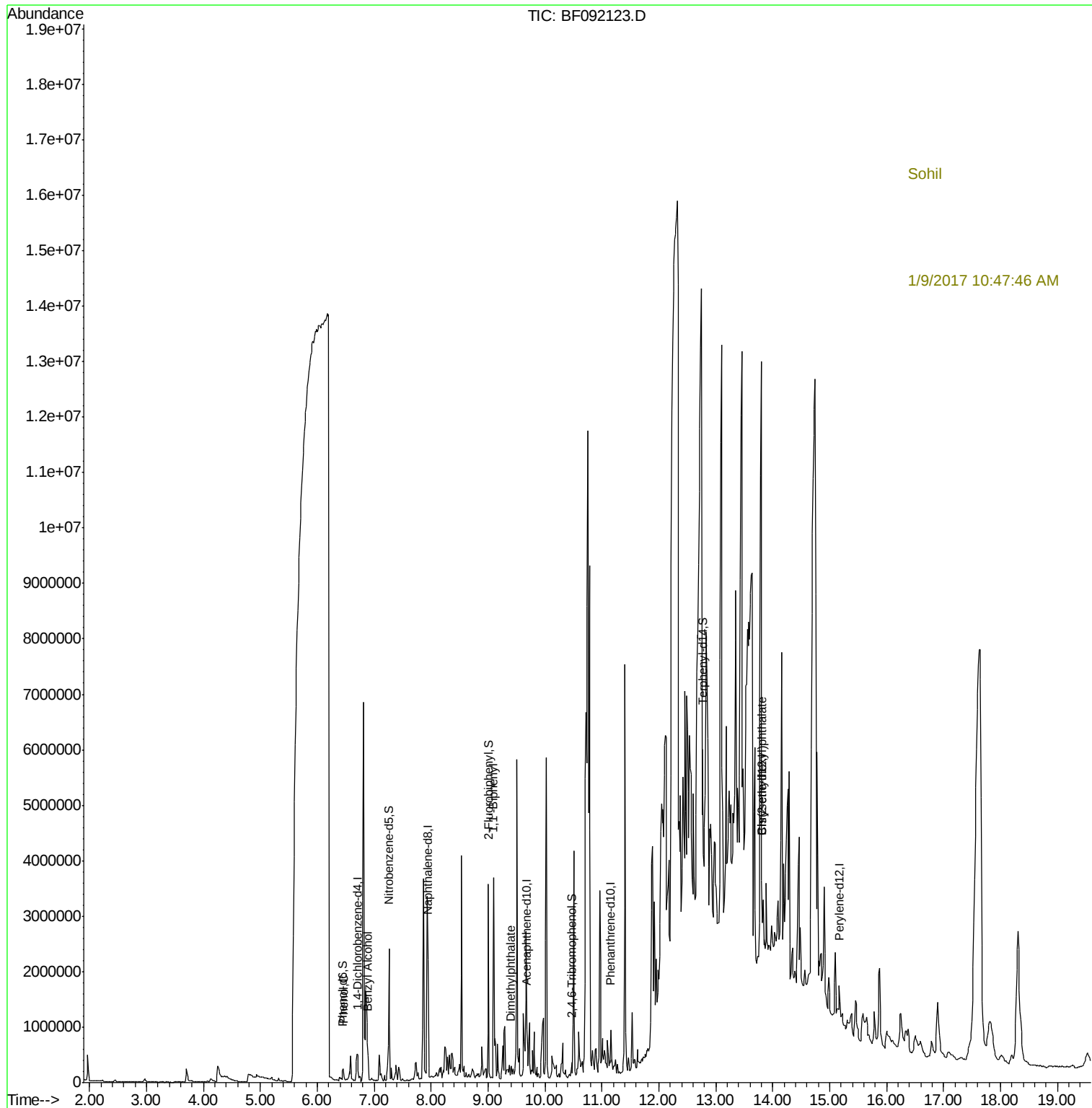
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092123.D
Acq On : 6 Jan 2017 18:07
Operator : UM/SJ
Sample : I1027-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EFF-WW

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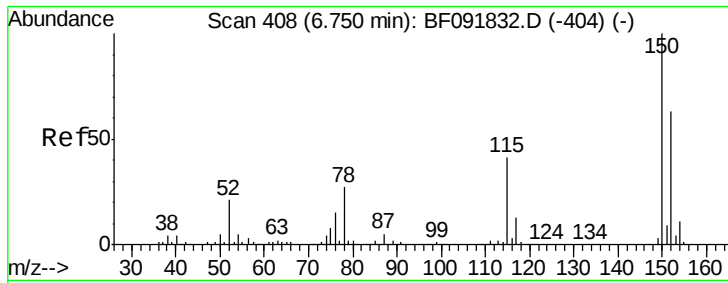
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Quant Time: Jan 07 01:33:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:02:47 2017
Response via : Initial Calibration



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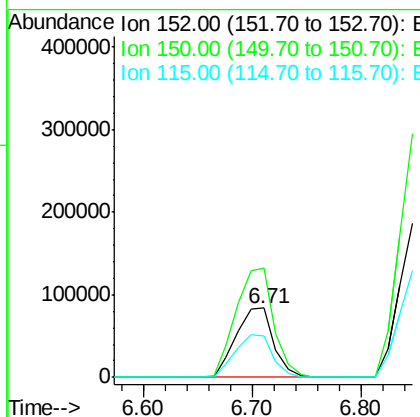
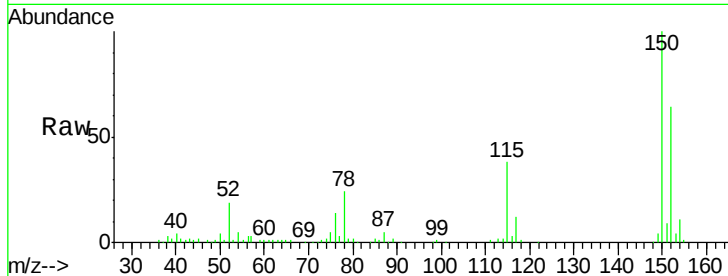
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. 0.07 min
 Lab File: BF092123.D
 Acq: 6 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		201909		
150	156.6	124.9	187.3		
115	59.6	46.0	69.0		

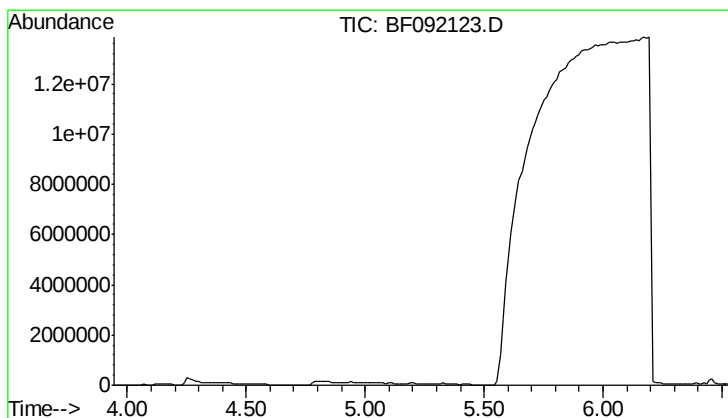
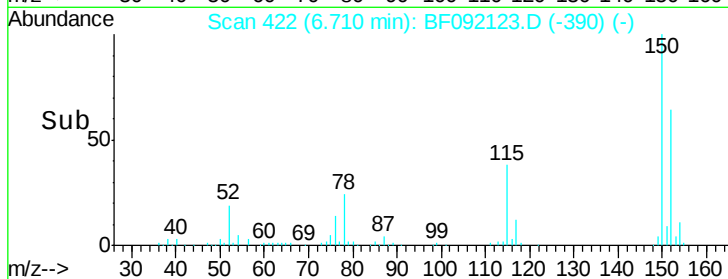
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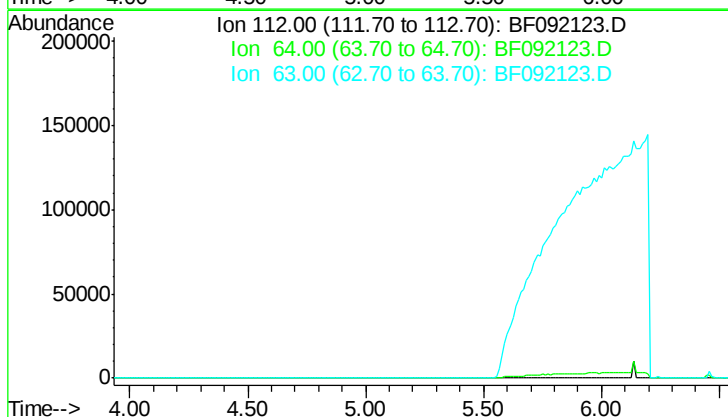
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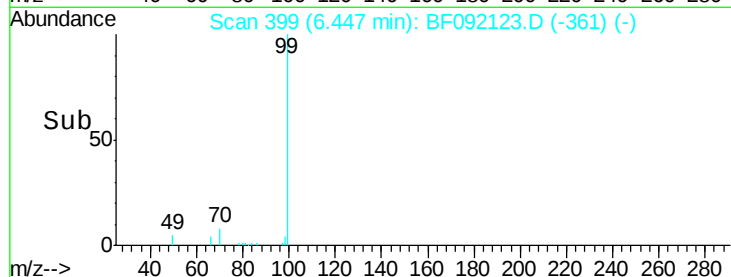
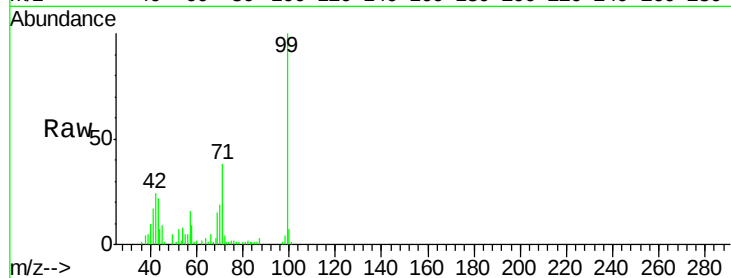
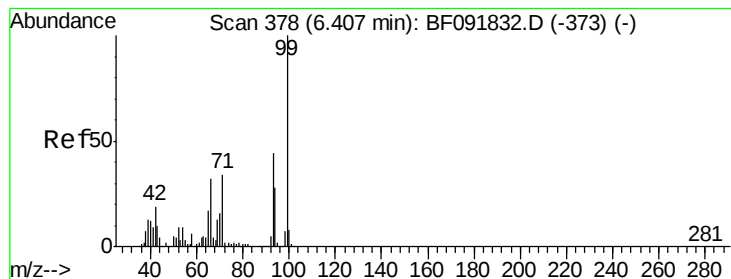
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#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.24 min
 Lab File: BF092123.D
 Acq: 6 Jan 2017 18:07

Tgt Ion	Sig	Exp Ratio
112	100	
64	57.6	
63	29.7	





#7

Phenol-d6

Concen: 3.58 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.14 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Tot Ion:	99	Resp:	52807
Ion Ratio	Lower	Upper	
99	100		
42	24.0	15.6	23.4#
71	38.2	27.5	41.3

Instrument :

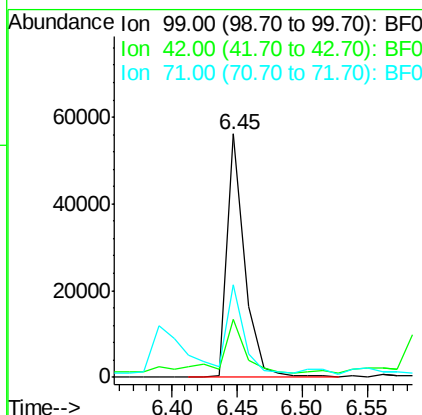
BNA_F

ClientSampled :

EFF-WW

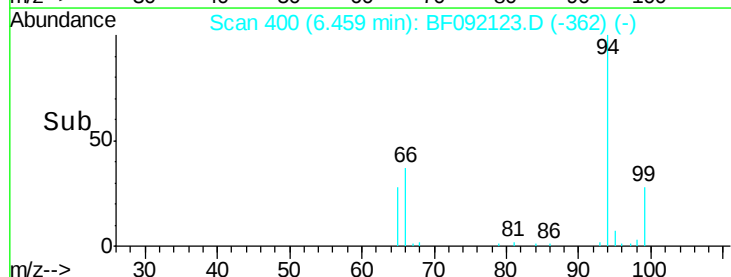
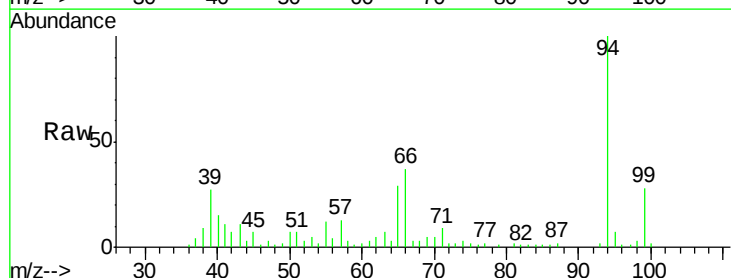
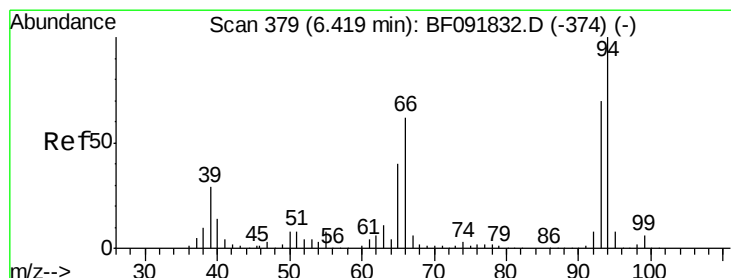
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#10

Phenol

Concen: 3.22 ng

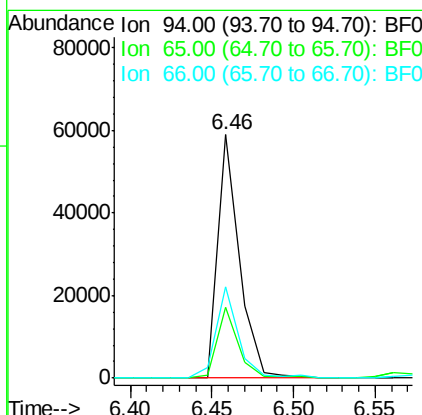
RT: 6.46 min Scan# 400

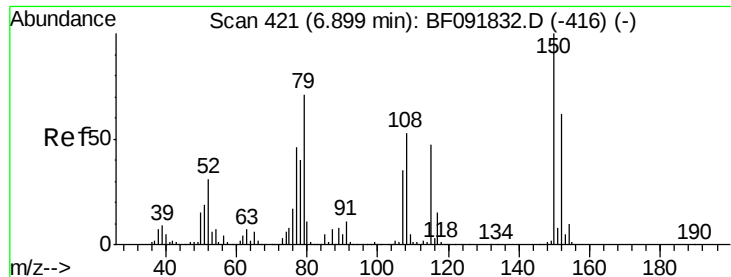
Delta R.T. 0.14 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Tgt Ion:	94	Resp:	54158
Ion Ratio	Lower	Upper	
94	100		
65	29.3	21.4	61.4
66	37.3	44.0	84.0#





#15

Benzyl Alcohol

Concen: 10.39 ng/mL

RT: 6.89 min Scan# 438

Delta R.T. 0.09 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion: 79 Resp: 119205

Ion Ratio Lower Upper

79 100

108 95.7 61.4 92.0#

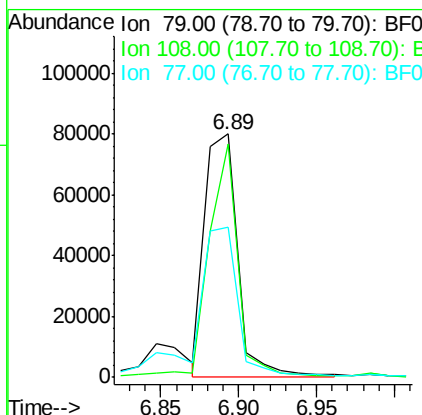
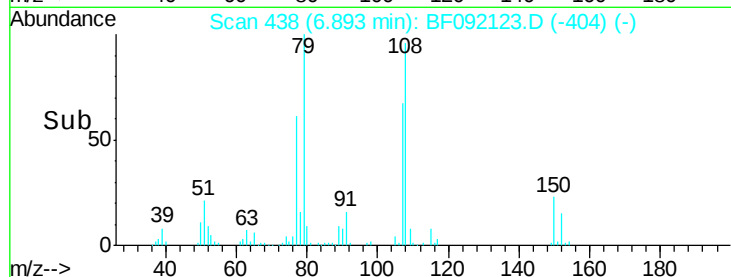
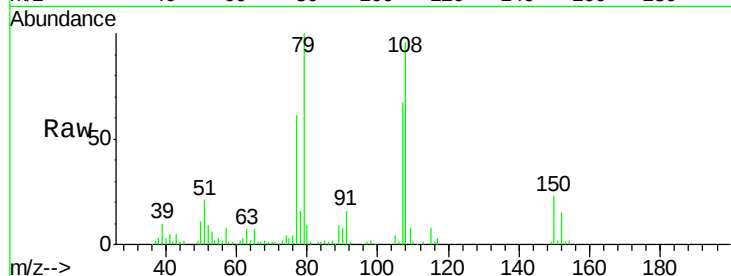
77 61.4 50.9 76.3

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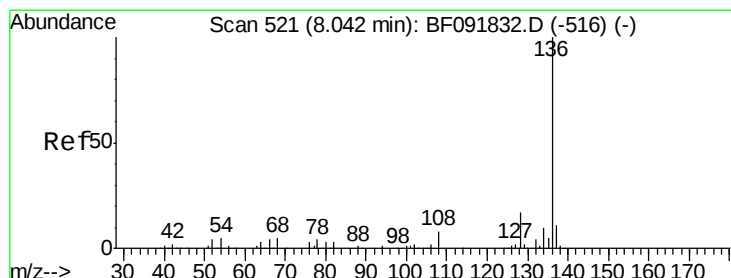
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Tgt Ion: 136 Resp: 823170

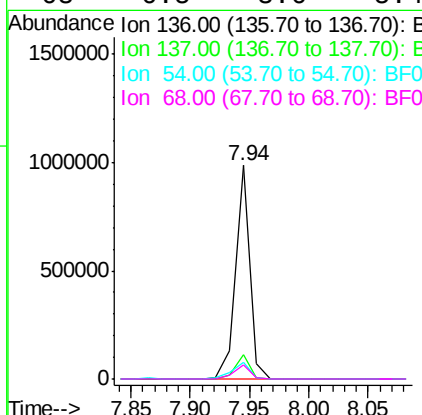
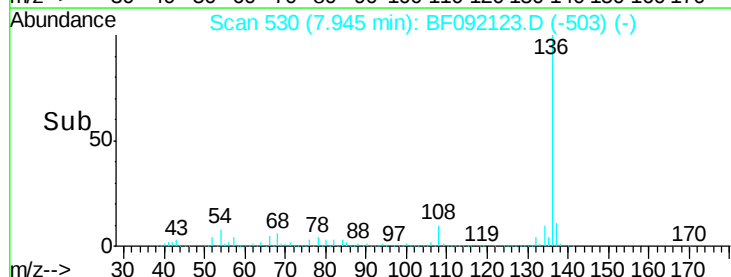
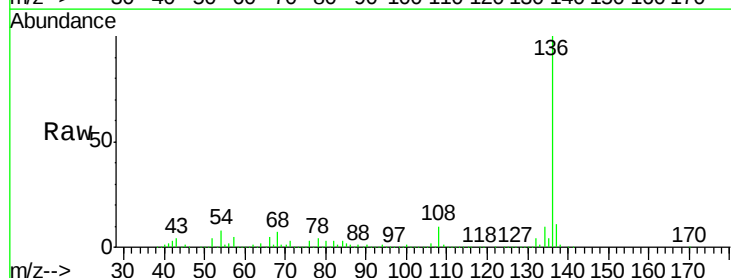
Ion Ratio Lower Upper

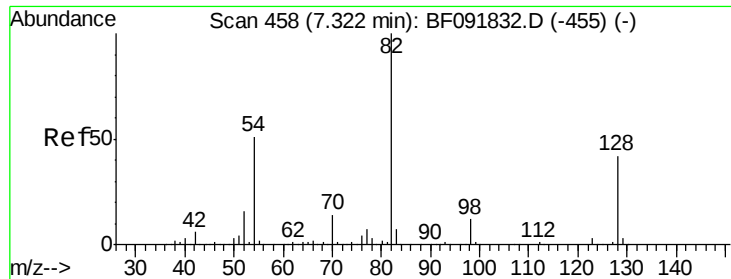
136 100

137 11.4 8.4 12.6

54 7.9 4.5 6.7#

68 6.5 3.6 5.4#





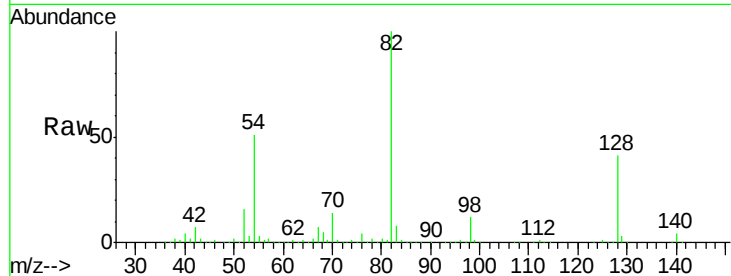
#23
Nitrobenzene-d5
Concen: 64.63 ng
RT: 7.26 min Scan# 470
Delta R.T. 0.05 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

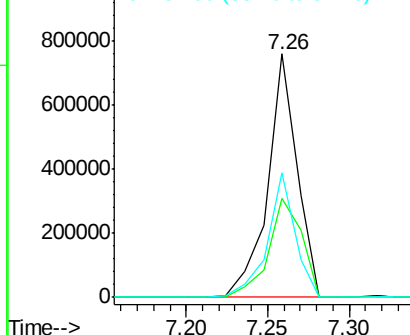
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	51.4	39.5	59.3

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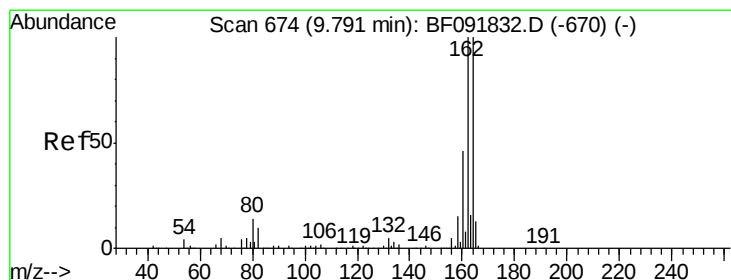
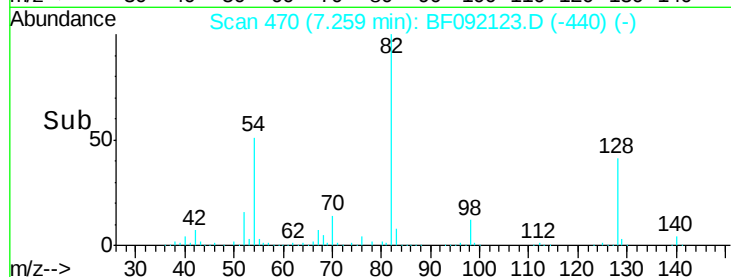


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



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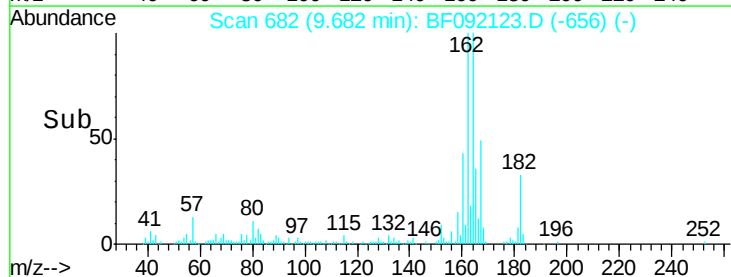
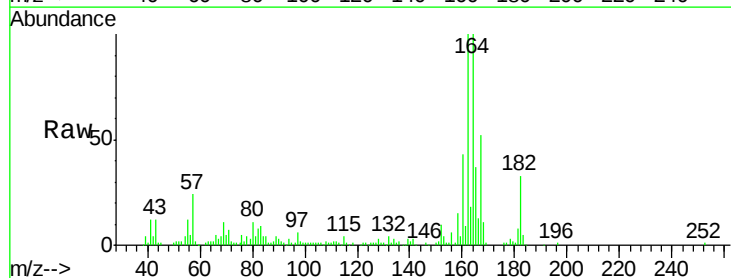
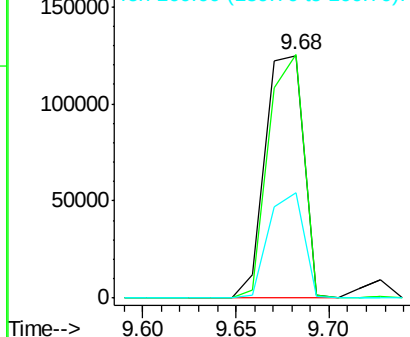
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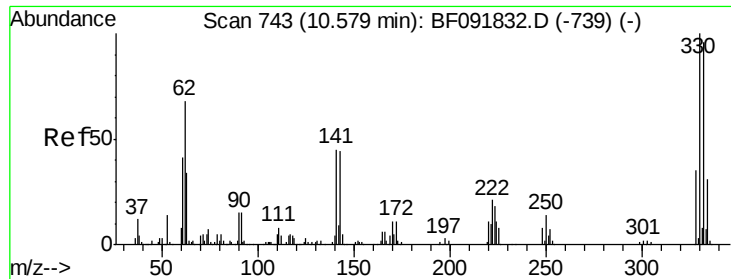


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	43.1	36.9	55.3

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





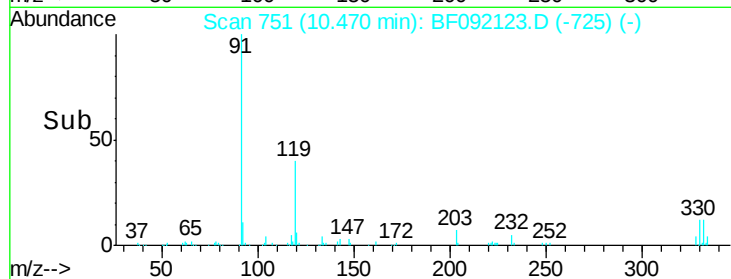
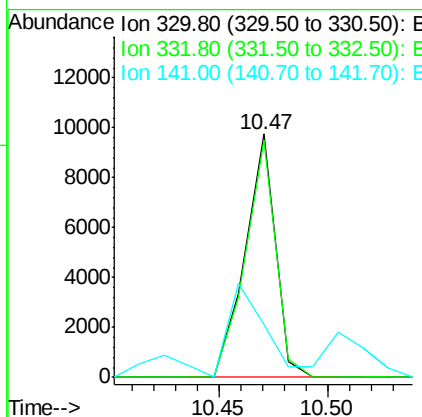
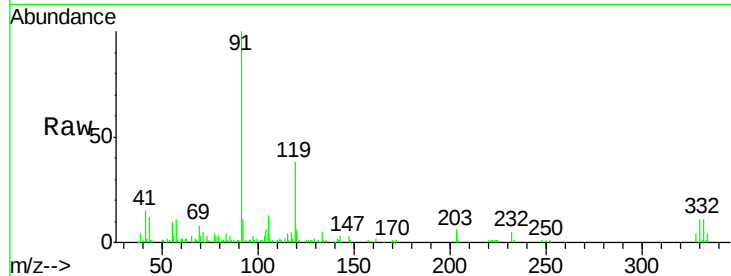
#41
 2,4,6-Tribromophenol
 Concen: 6.37 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092123.D
 Acq: 6 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	62.5	34.1	51.1

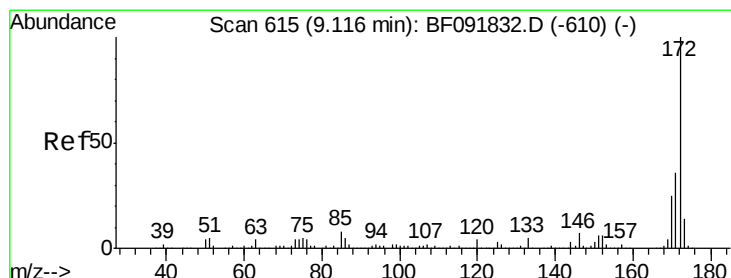
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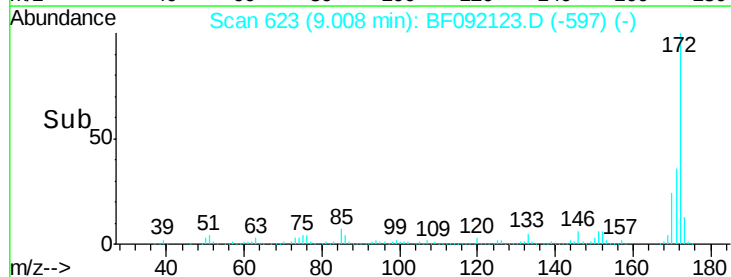
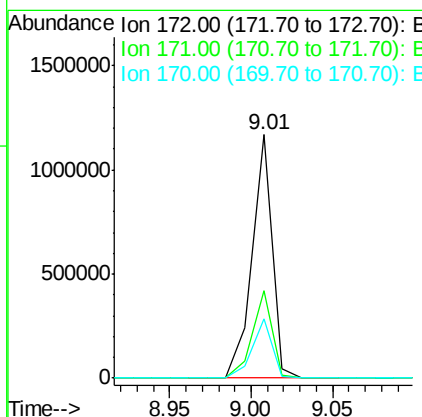
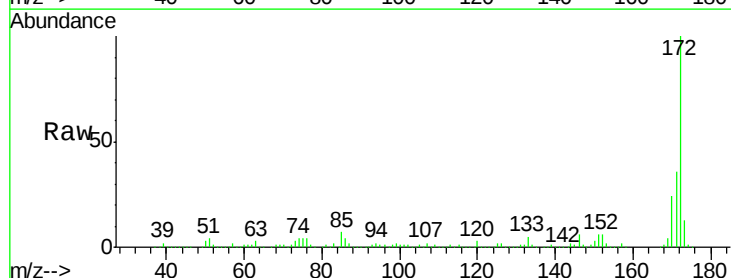
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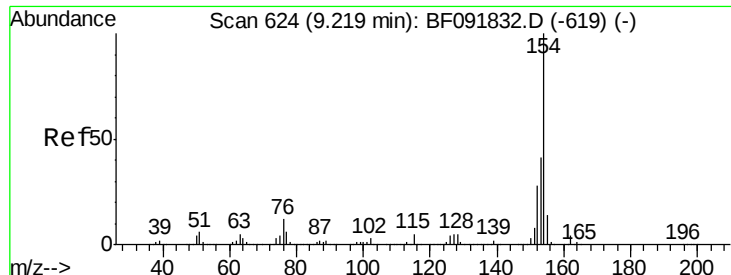
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#44
 2-Fluorobiphenyl
 Concen: 119.87 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092123.D
 Acq: 6 Jan 2017 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.4	20.2	30.4





#45

1,1'-Biphenyl

Concen: 2.35 ng

RT: 9.10 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF092123.D

Acq: 6 Jan 2017 18:07

Instrument :

BNA_F

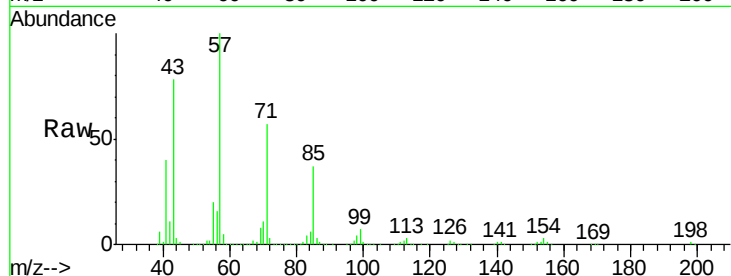
ClientSampled :

EFF-WW

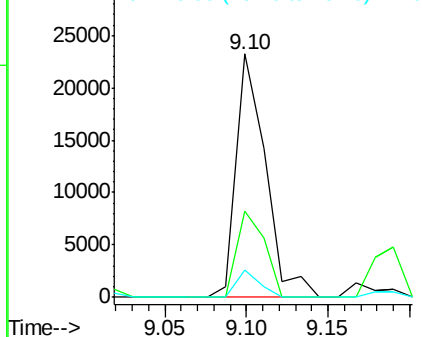
Tot Ion:	154	Resp:	28836
Ion Ratio		Lower	Upper
154	100		
153	35.2	20.9	60.9
76	11.2	0.0	30.5

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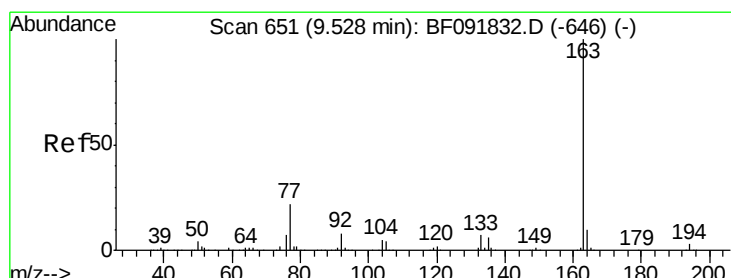
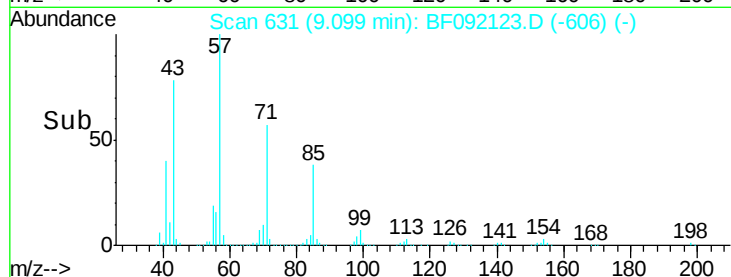


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



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#49

Dimethylphthalate

Concen: 4.27 ng

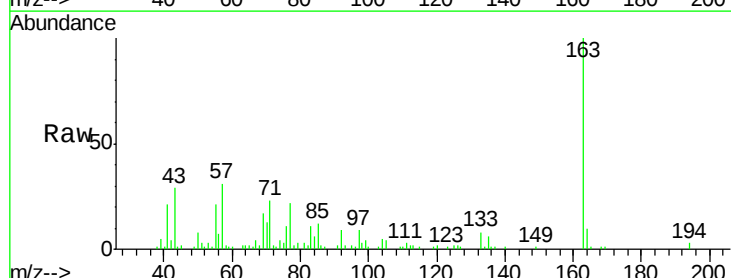
RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

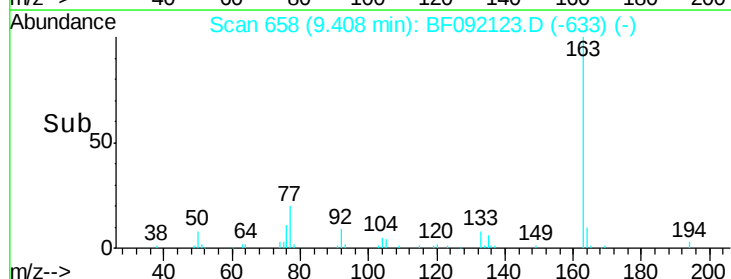
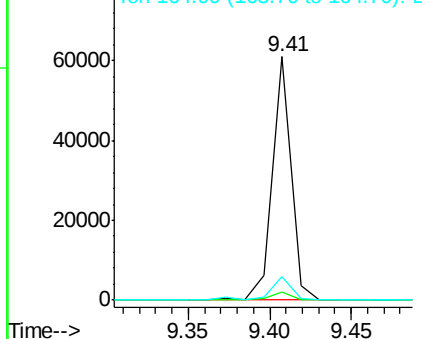
Lab File: BF092123.D

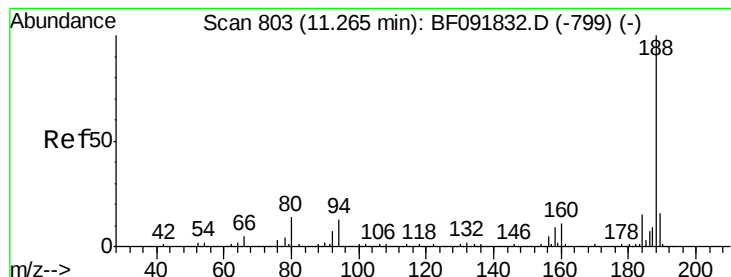
Acq: 6 Jan 2017 18:07

Tgt Ion:	163	Resp:	48874
Ion Ratio		Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.7	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





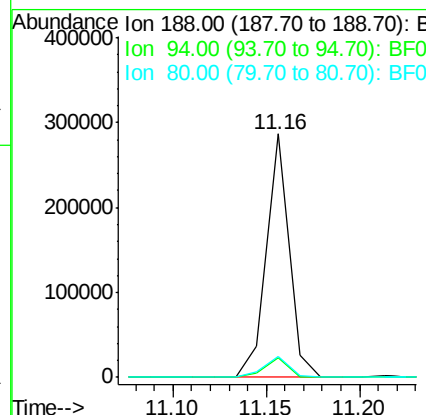
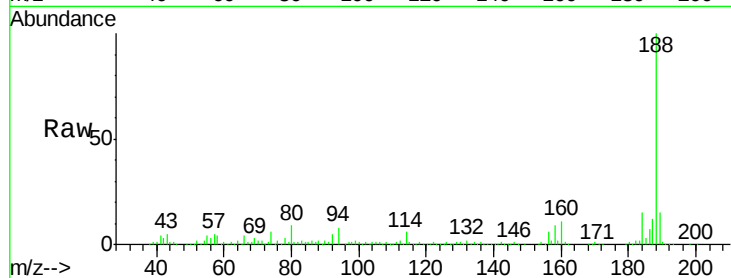
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Instrument :
BNA_F
ClientSampled :
EFF-WW

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	10.0	15.0#
80	8.7	11.2	16.8#

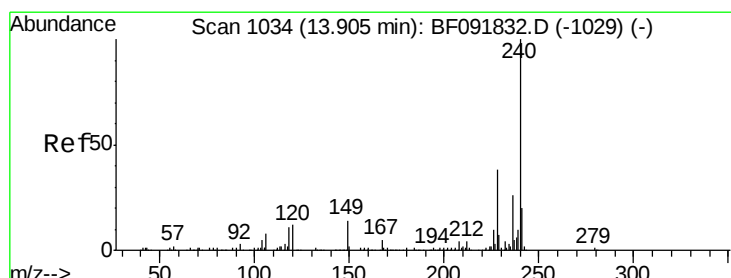
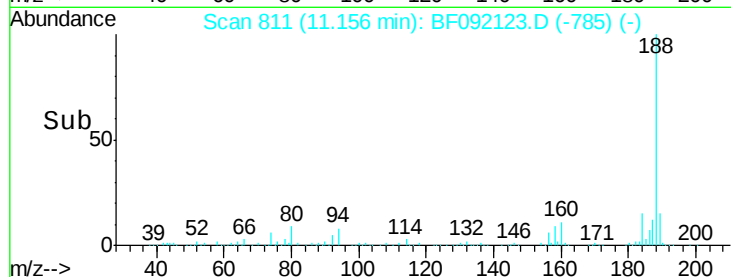
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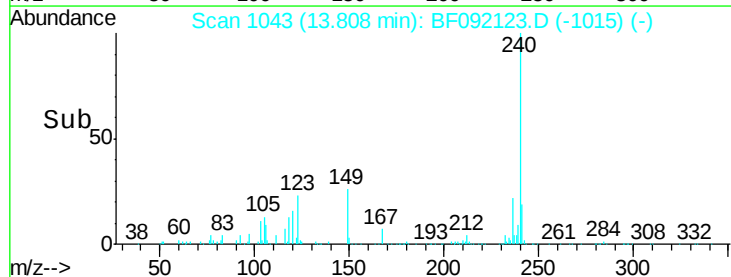
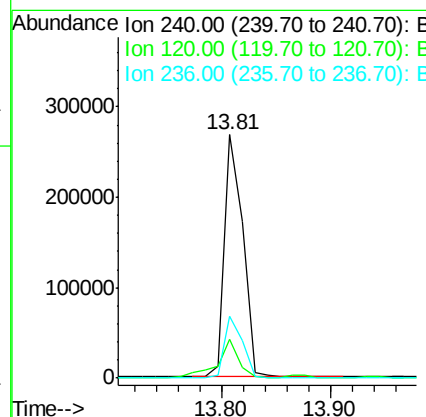
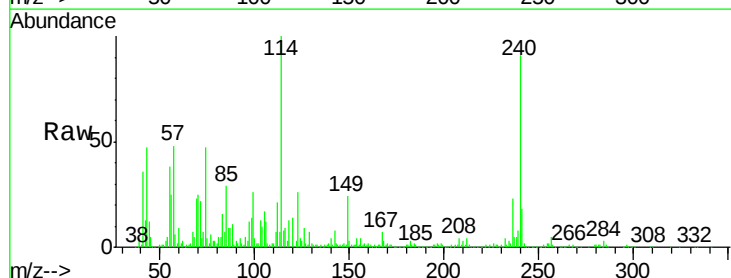
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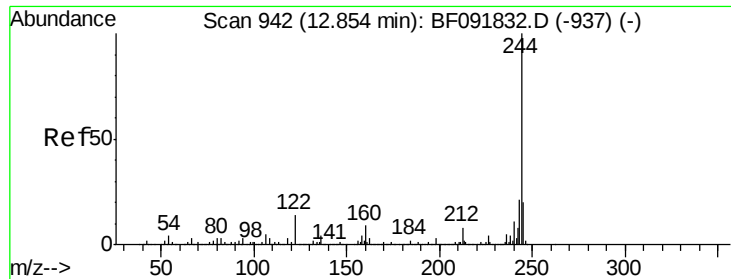
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.8	12.9	19.3
236	25.6	20.9	31.3





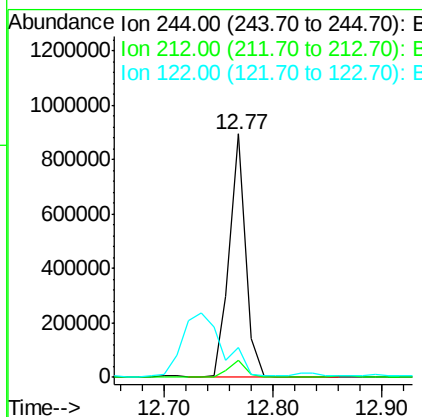
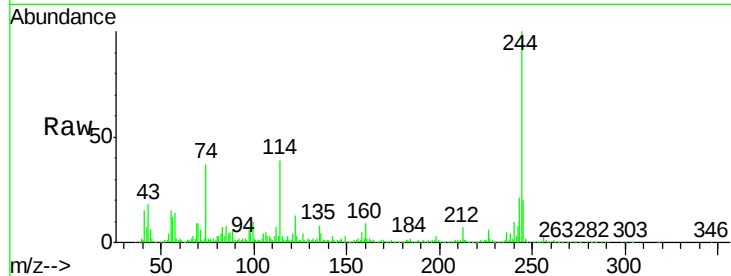
#78
 Terphenyl-d14
 Concen: 70.67 ng
 RT: 12.77 min Scan# 952
 Delta R.T. 0.02 min
 Lab File: BF092123.D
 Acq: 6 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.5	11.4	17.2

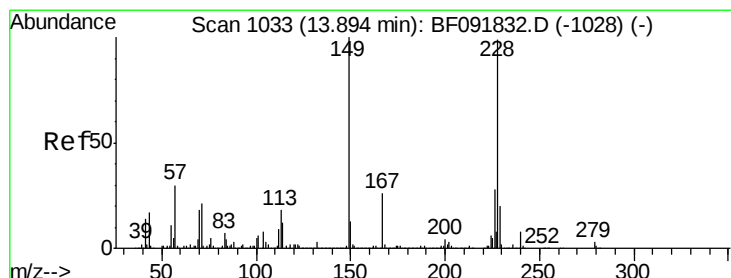
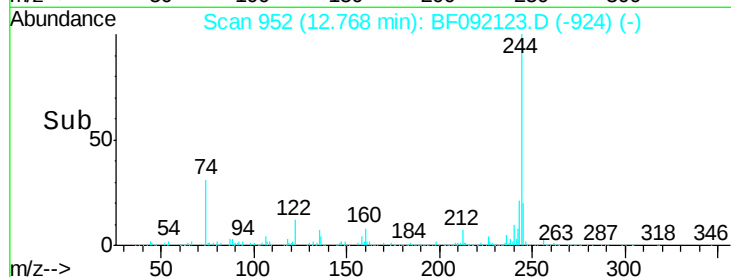
Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:47:46 AM



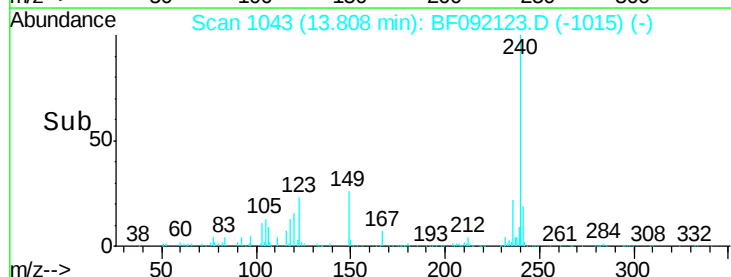
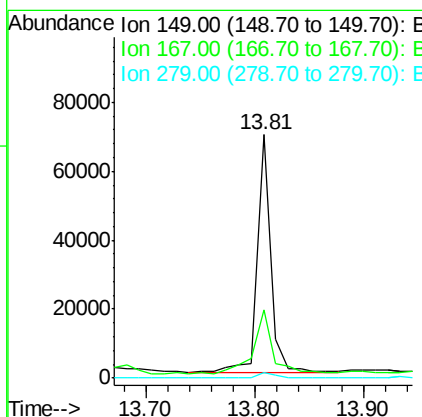
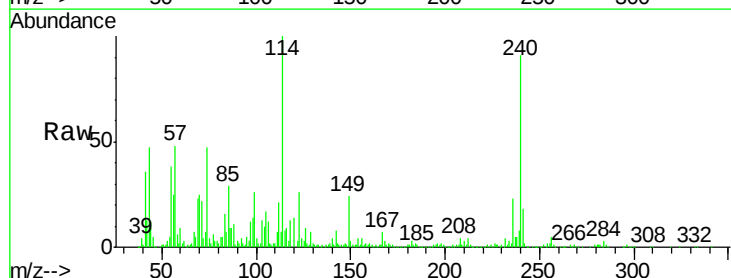
Sohil

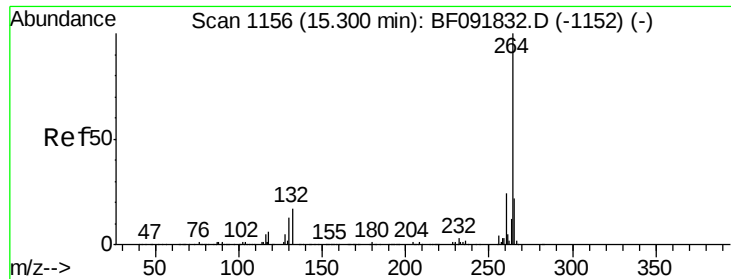
1/9/2017 10:47:46 AM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.86 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BF092123.D
 Acq: 6 Jan 2017 18:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.2	30.4
279	2.2	1.8	2.8





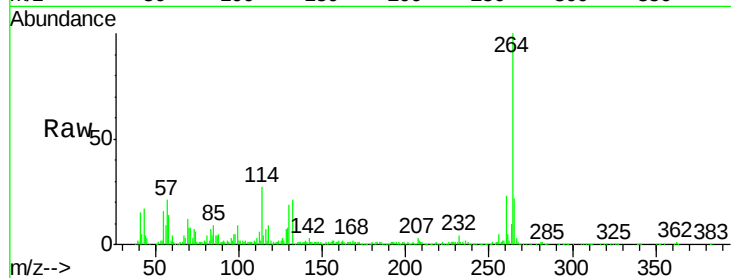
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092123.D
Acq: 6 Jan 2017 18:07

Instrument :
BNA_F
ClientSampleId :
EFF-WW

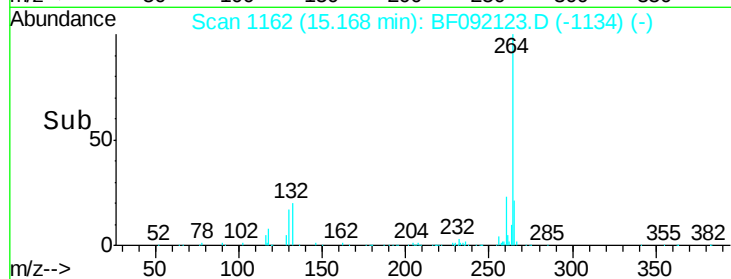
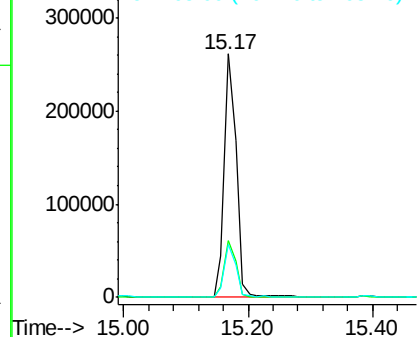
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.4	26.0

Manual Integrations
APPROVED

Sohil
1/9/2017 10:47:46 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Sohil

1/9/2017 10:47:46 AM