

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088707.D
 Acq On : 5 Jul 2016 17:13
 Operator : UM/SJ
 Sample : H3761-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Manual Integrations

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 7/6/2016 7:19:10 PM

Quant Time: Jul 06 01:47:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151823m	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	611884	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	291663	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	602336	20.00	ng	0.00
75) Chrysene-d12	13.91	240	407740	20.00	ng	-0.01
86) Perylene-d12	15.30	264	317314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	115798	11.43	ng	-0.01
7) Phenol-d6	6.40	99	94618	7.23	ng	-0.01
23) Nitrobenzene-d5	7.34	82	364406	31.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	77780	28.72	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	666822	36.11	ng	0.00
78) Terphenyl-d14	12.88	244	641978	35.07	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.08	128	637887	21.15	ng	100
37) 2-Methylnaphthalene	8.78	142	73086	3.76	ng	97
49) Dimethylphthalate	9.53	163	65071	3.13	ng	99
51) Acenaphthene	9.84	154	47957	2.59	ng	99
73) Di-n-butylphthalate	11.84	149	72458	2.02	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	203745	11.57	ng	99

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

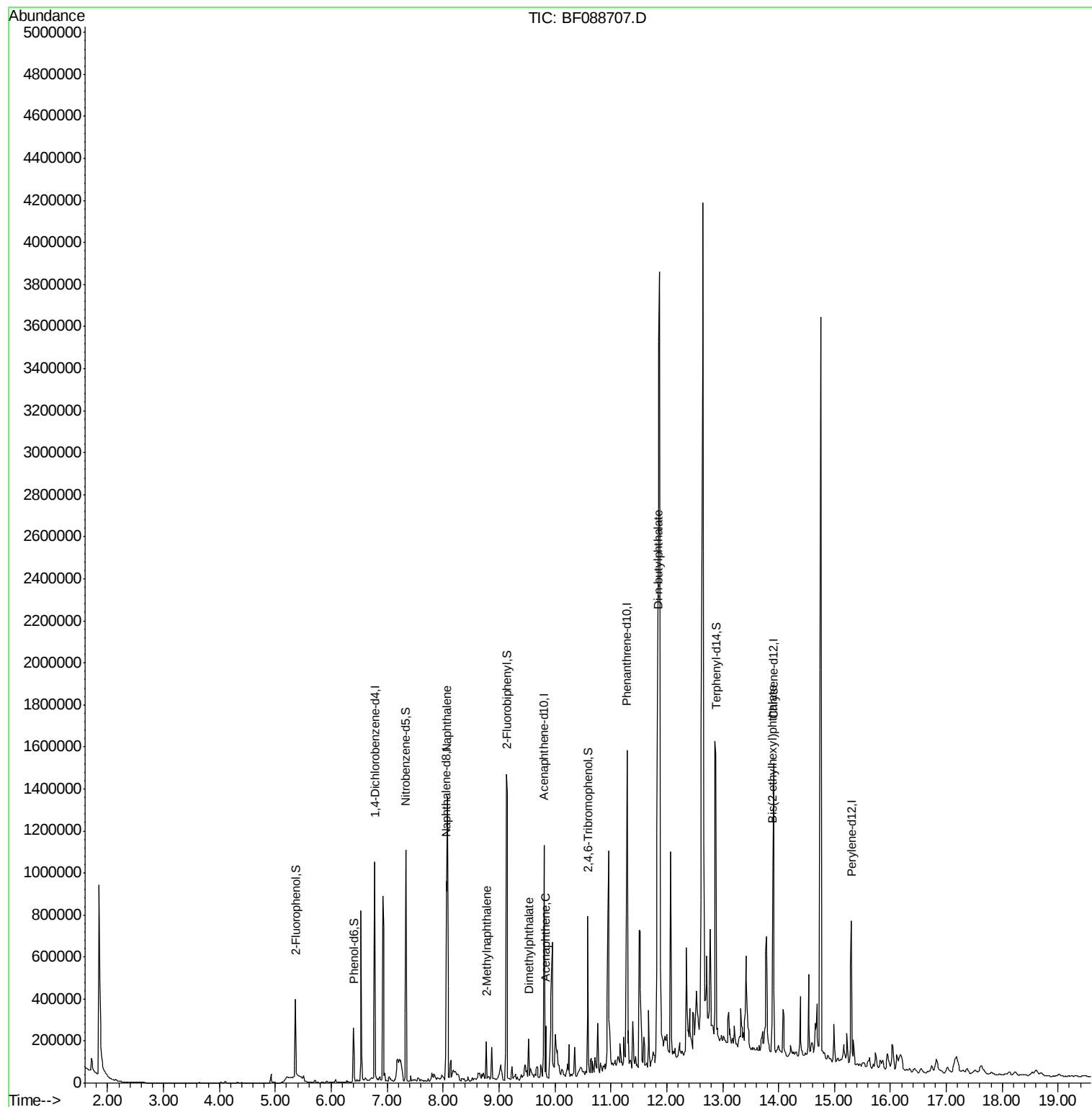
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
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Manual Integrations

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#1

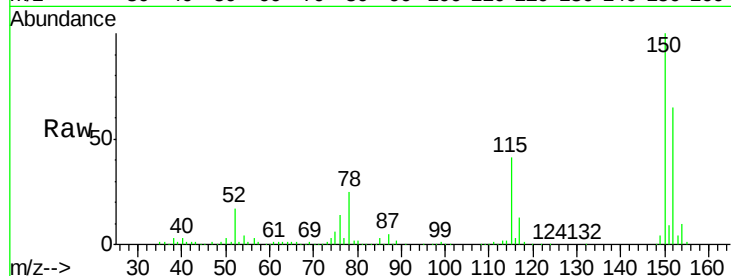
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	63.0	39.6	59.4

Manual Integrations

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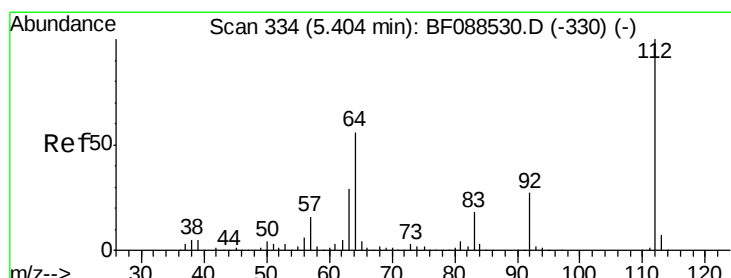
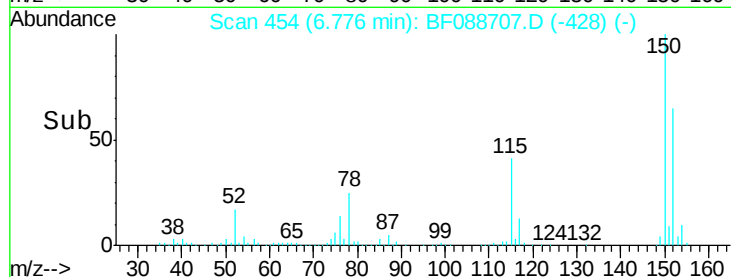
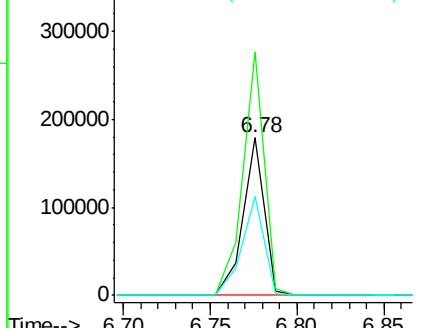


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

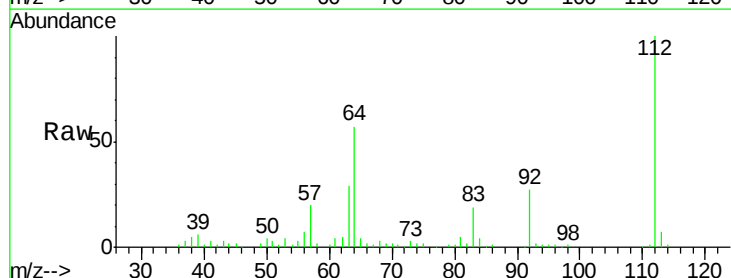
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.43 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.2	63.2
63	29.0	21.8	32.8

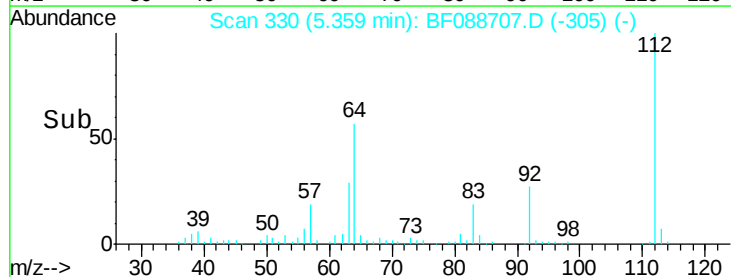
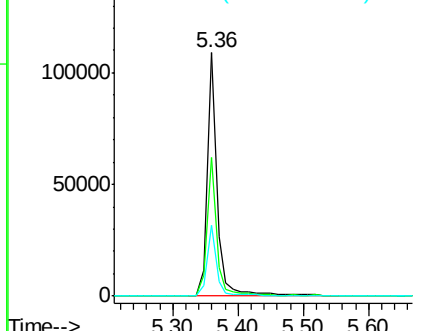


Abundance

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: 7.23 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F-9-11

Tot Ion: 99 Resp: 94618

Ion Ratio Lower Upper

99 100

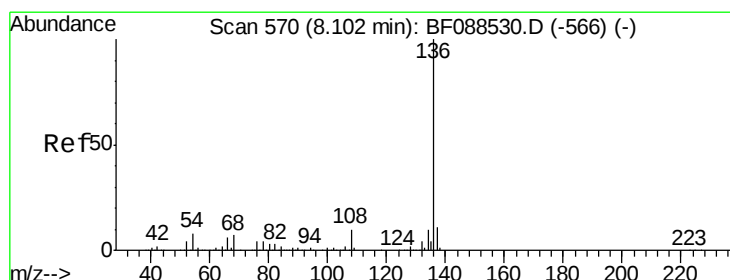
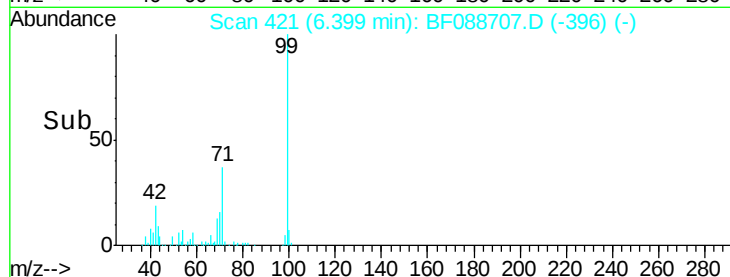
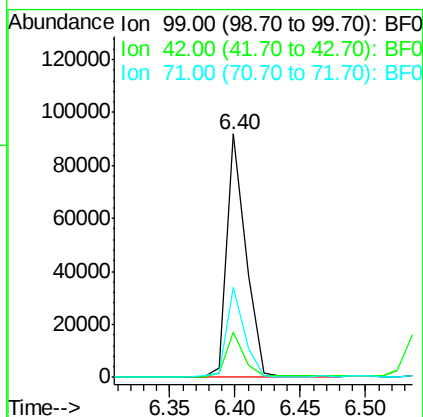
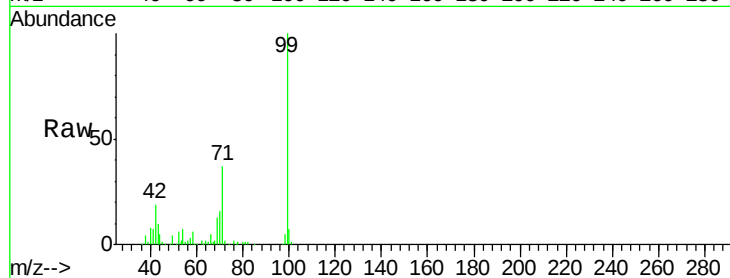
42 18.7 12.2 18.2#

71 36.8 23.4 35.0#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Tgt Ion: 136 Resp: 611884

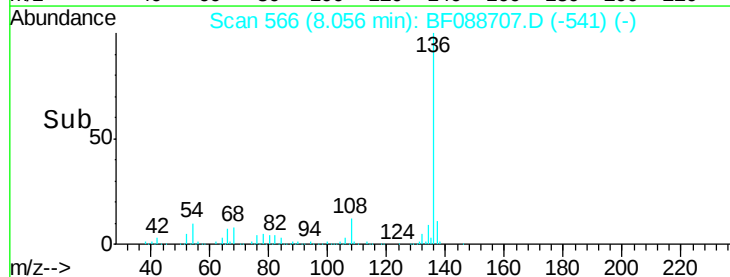
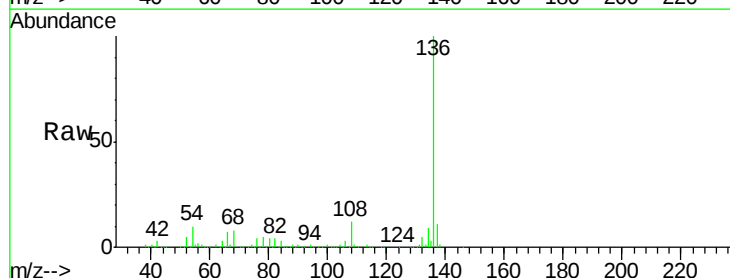
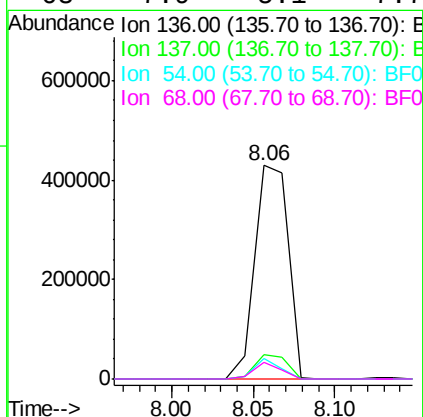
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.8 6.6 10.0

68 7.9 5.1 7.7#





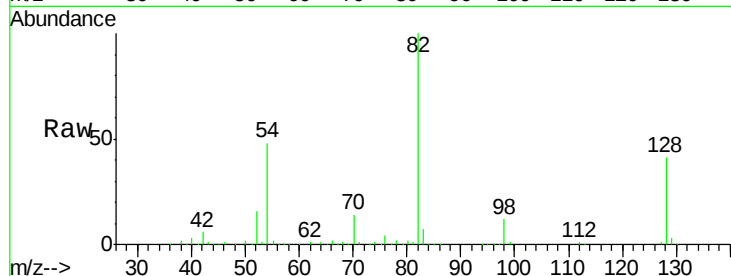
#23
Nitrobenzene-d5
Concen: 31.21 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tot Ion	82	Resp	364406
Ion Ratio	100	Lower	Upper
82	100		
128	40.5	35.9	53.9
54	48.1	40.9	61.3

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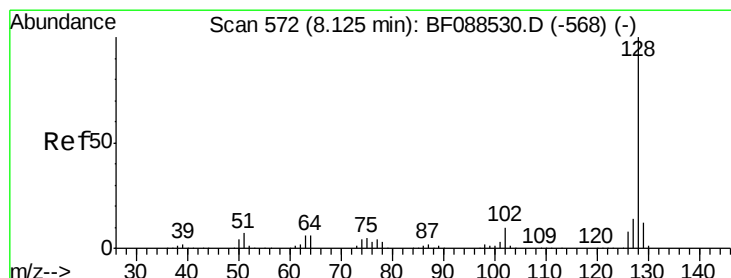
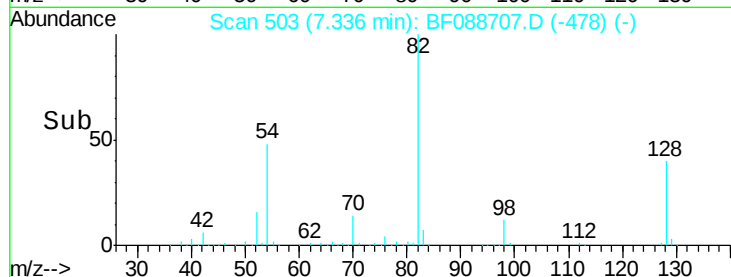
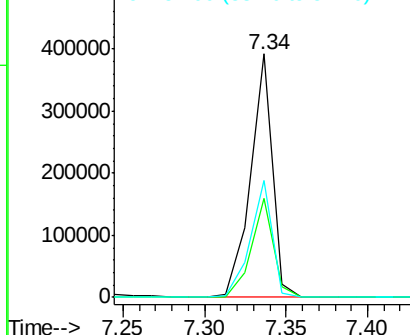


Abundance

Ion 82.00 (81.70 to 82.70): BF0

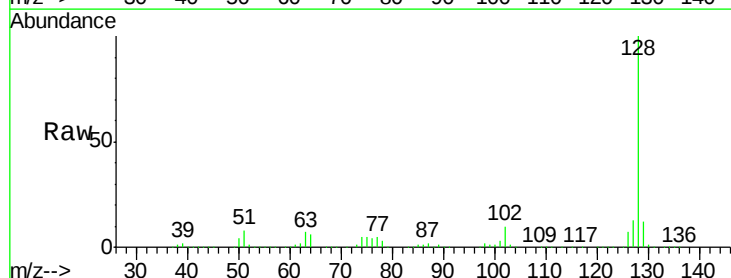
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31
Naphthalene
Concen: 21.15 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion	128	Resp	637887
Ion Ratio	100	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.4	10.9	16.3

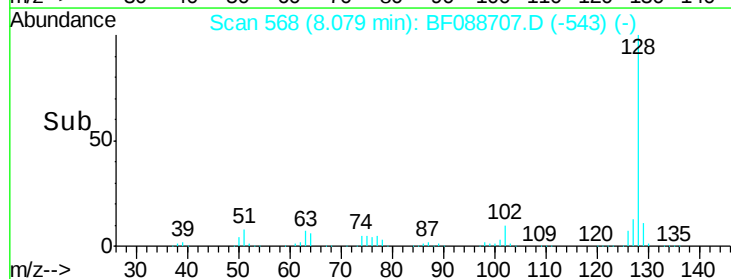
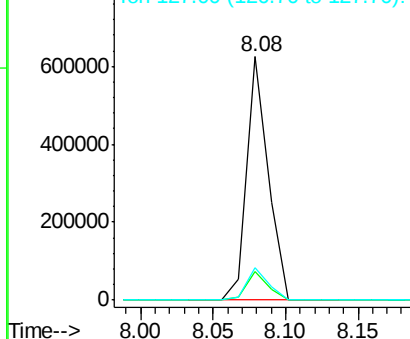


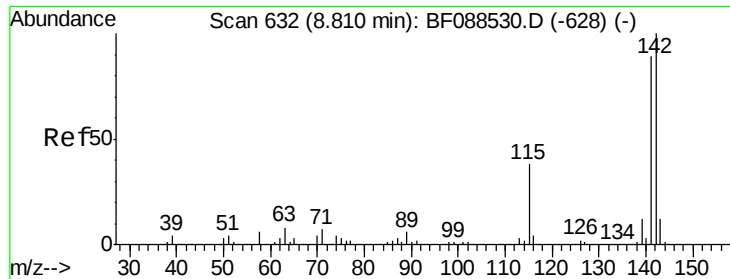
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





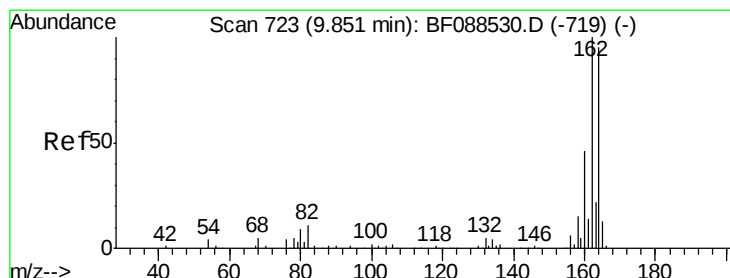
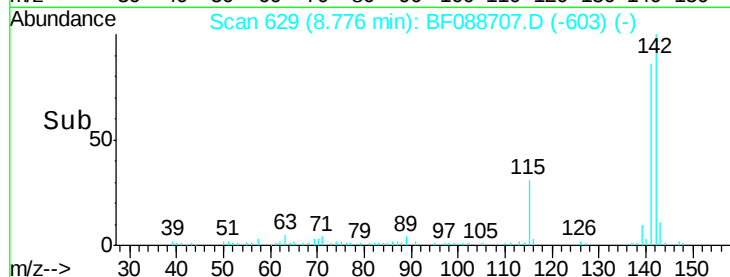
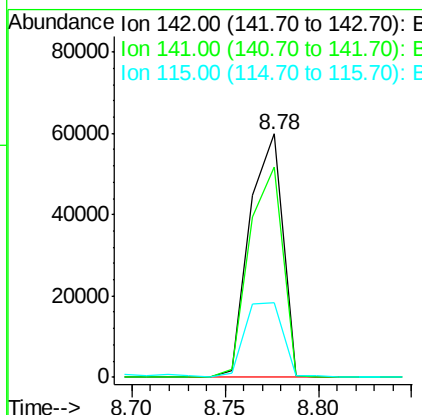
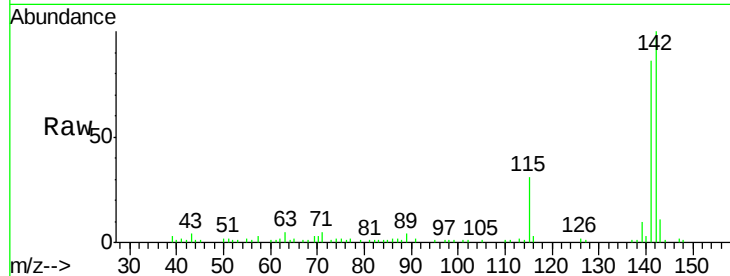
#37
2-Methylnaphthalene
Concen: 3.76 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	86.5	71.0	106.6	
115	30.6	22.6	33.8	

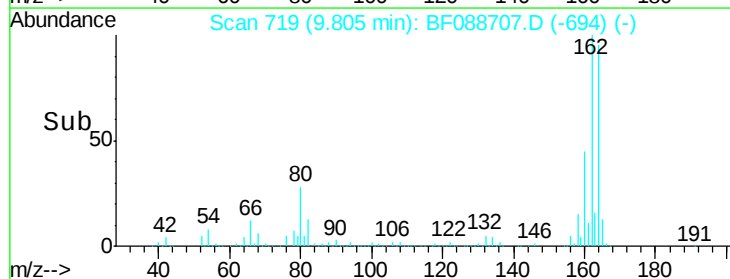
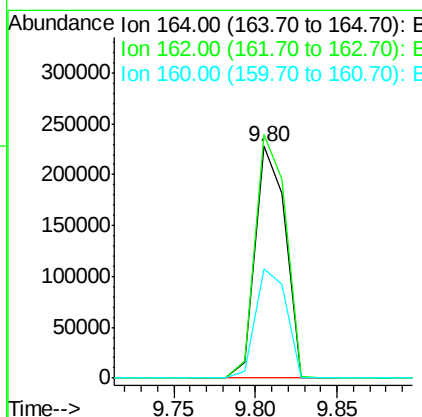
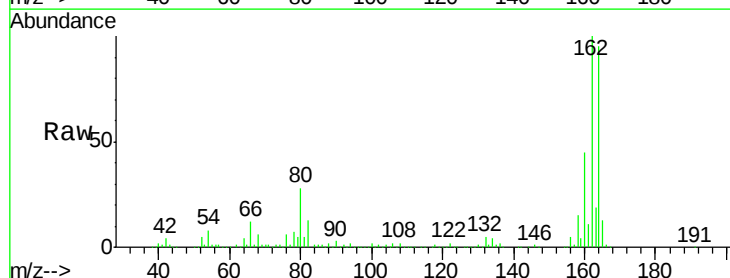
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	105.1	85.4	128.2	
160	47.0	39.5	59.3	





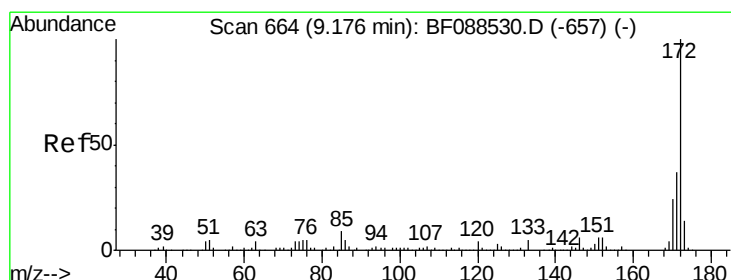
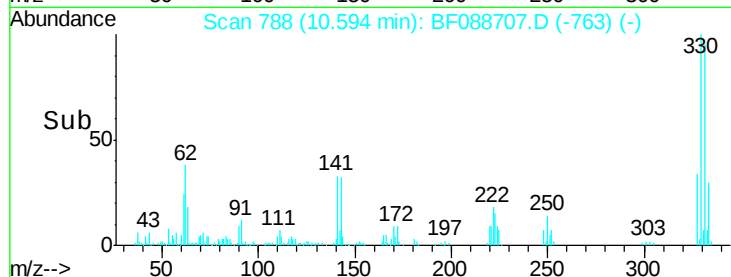
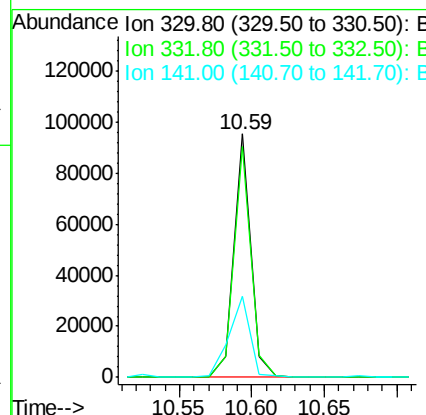
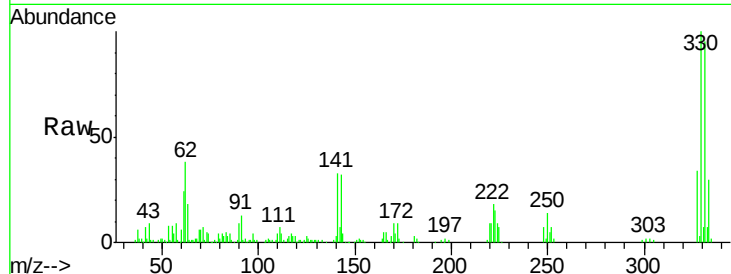
#41
 2,4,6-Tribromophenol
 Concen: 28.72 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	77780		
332	95.3	0.0	0.0	0.0
141	40.9	0.0	0.0	0.0

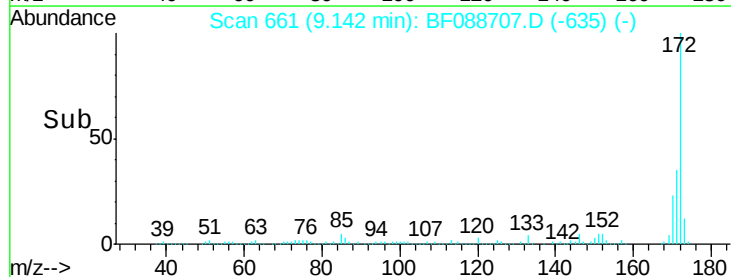
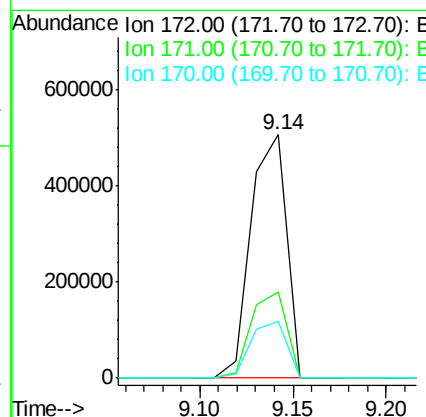
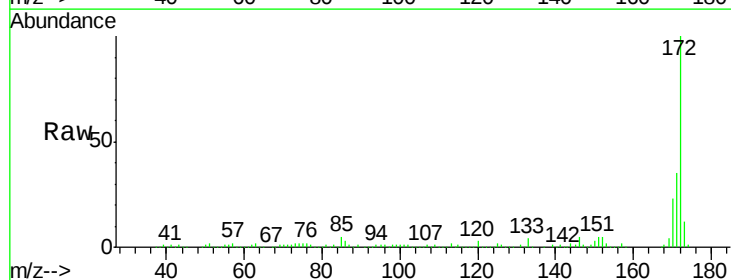
Manual Integrations

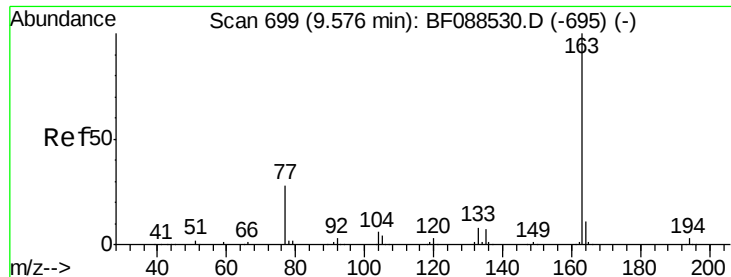
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#44
 2-Fluorobiphenyl
 Concen: 36.11 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	666822		
171	35.4	28.6	43.0	
170	23.5	19.2	28.8	





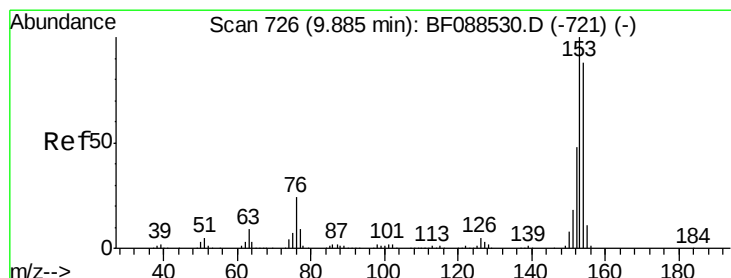
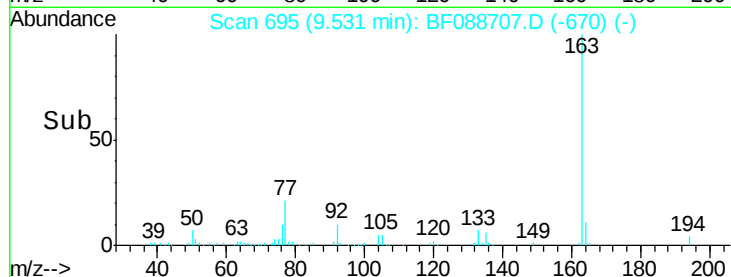
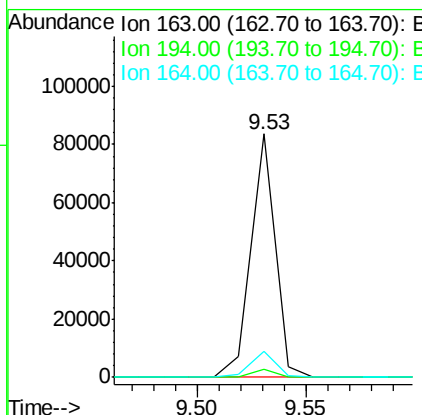
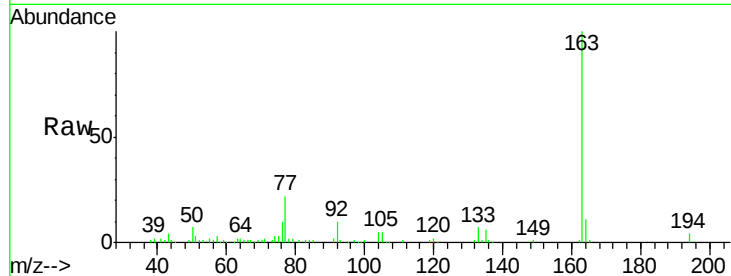
#49
Dimethylphthalate
Concen: 3.13 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.6	2.8	4.2	
164	10.7	8.3	12.5	

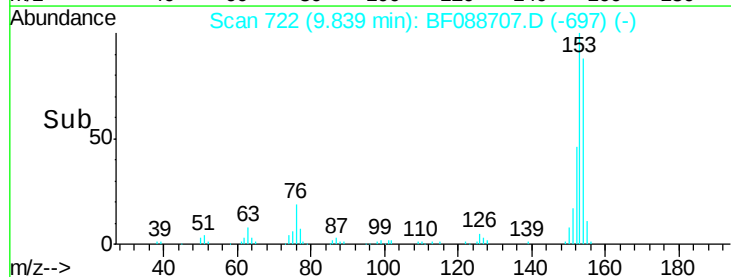
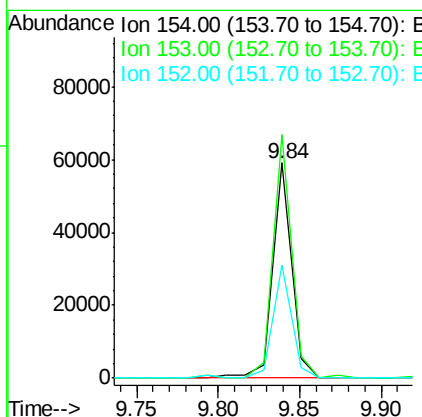
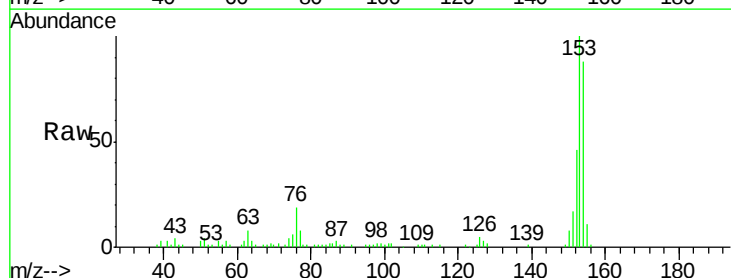
Manual Integrations

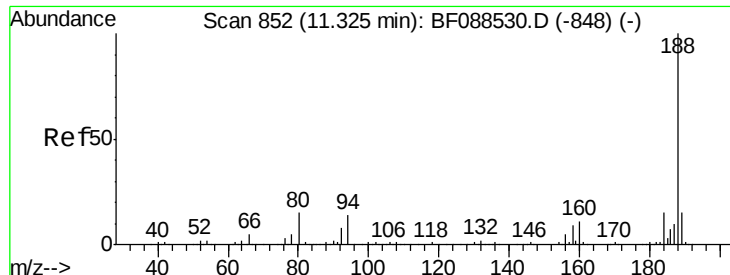
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#51
Acenaphthene
Concen: 2.59 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	113.1	89.5	134.3	
152	52.5	42.7	64.1	





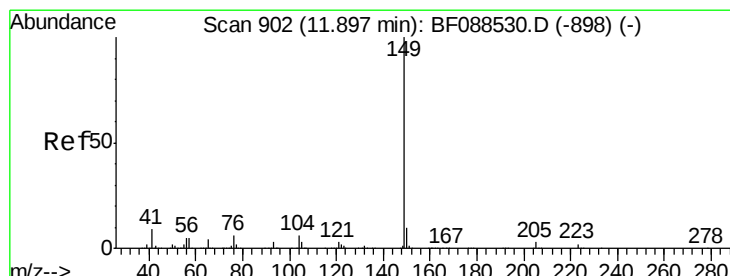
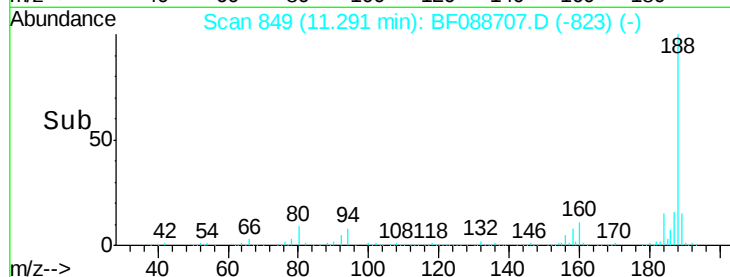
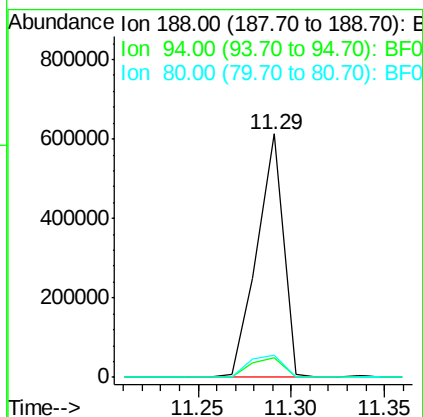
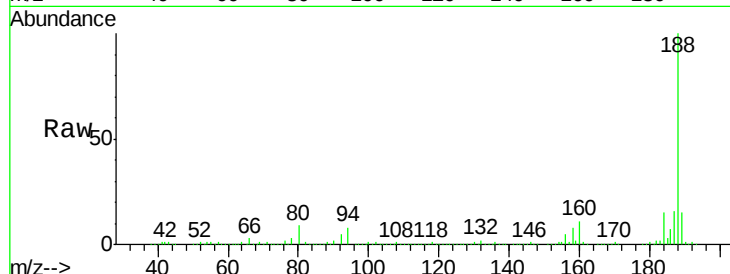
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F-9-11

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	9.1	10.0	15.0#

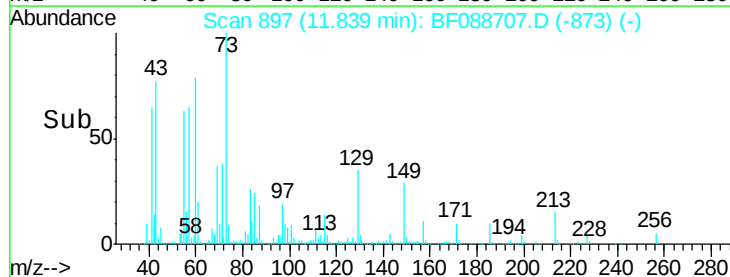
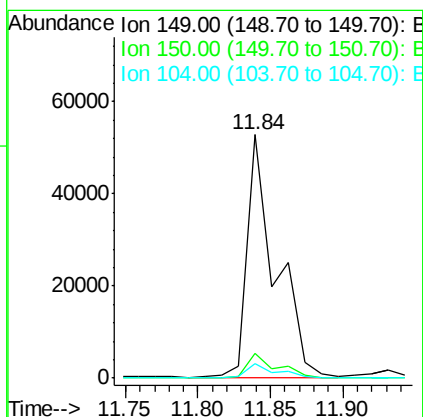
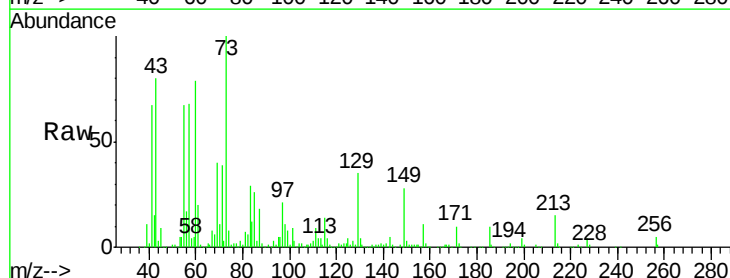
Manual Integrations

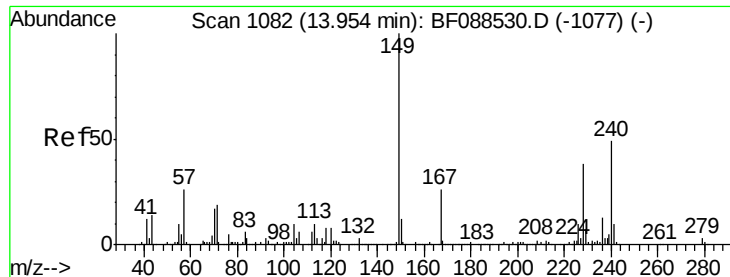
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#73
Di-n-butylphthalate
Concen: 2.02 ng
RT: 11.84 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF088707.D
Acq: 5 Jul 2016 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.8	4.0	6.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F-9-11

Tot Ion:240 Resp: 407740

Ion Ratio Lower Upper

240 100

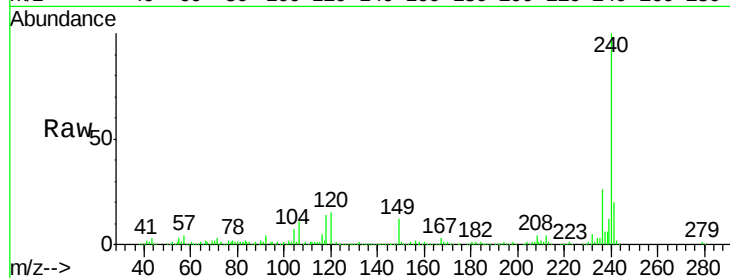
120 14.9 6.8 10.2#

236 26.2 20.2 30.2

Manual Integrations

sohil

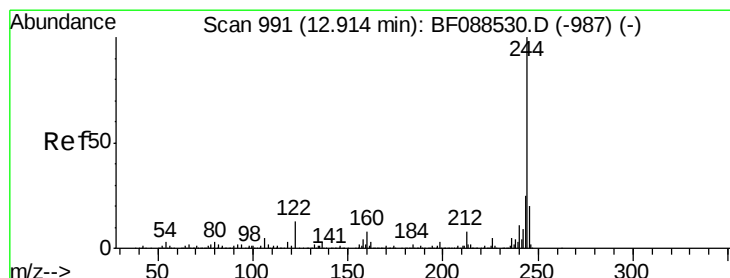
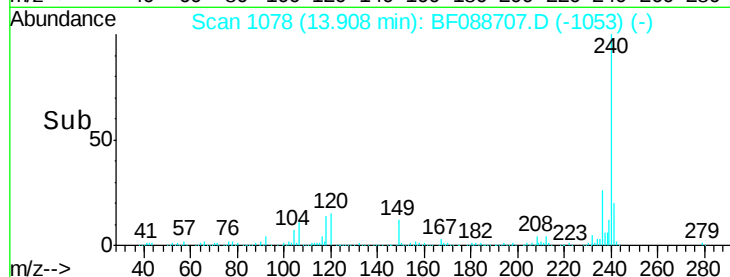
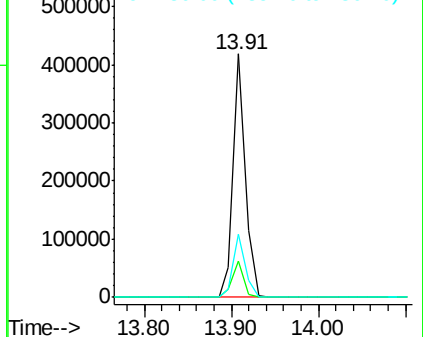
7/6/2016 7:19:10 PM



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: 35.07 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF088707.D

Acq: 5 Jul 2016 17:13

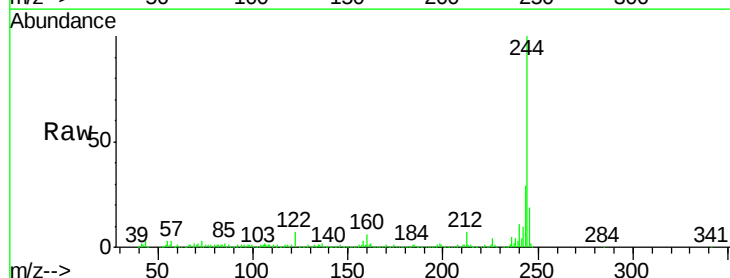
Tgt Ion:244 Resp: 641978

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

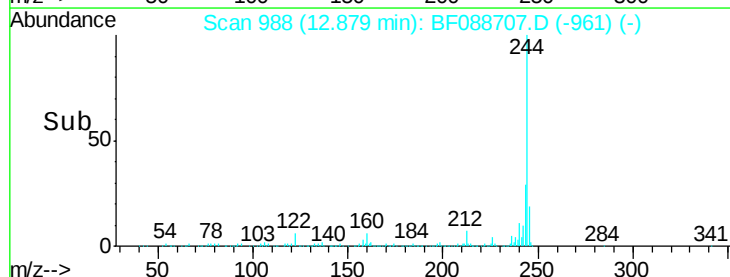
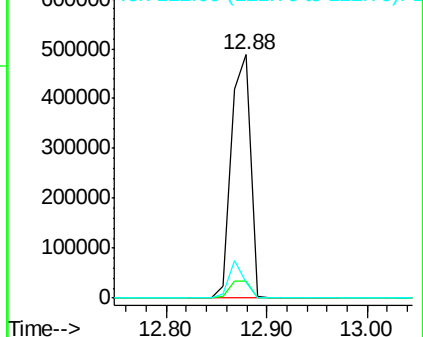
122 6.6 11.2 16.8#

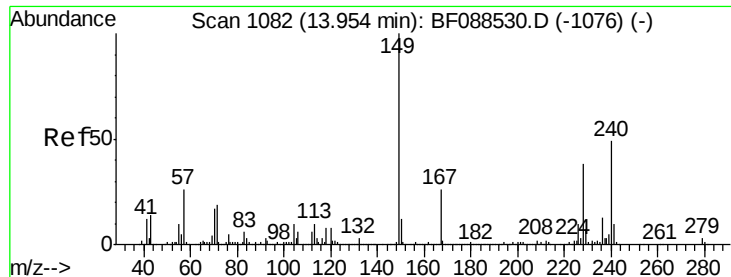


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





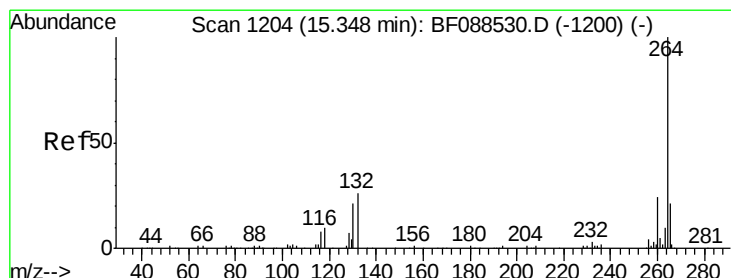
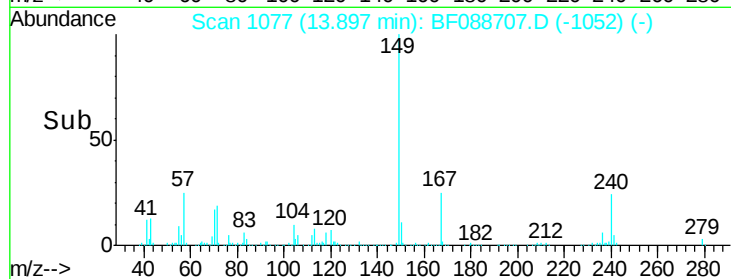
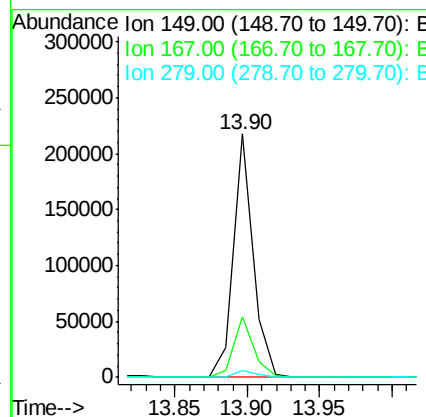
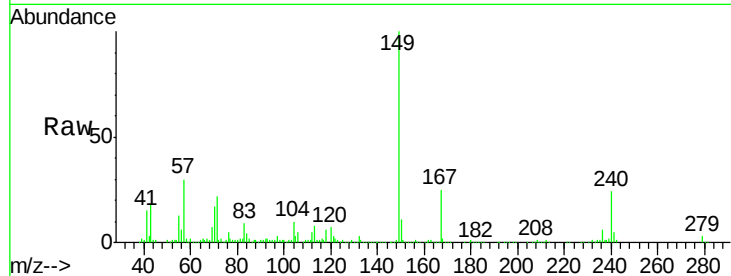
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.57 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F-9-11

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.5	30.7
279	2.7	2.0	3.0

Manual Integrations

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088707.D
 Acq: 5 Jul 2016 17:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3

