

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088755.D
 Acq On : 7 Jul 2016 1:23
 Operator : UM/SJ
 Sample : H3880-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-02

Manual Integrations

APPROVED
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Quant Time: Jul 07 02:00:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	87847	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	392244	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	189143	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	355503	20.00	ng	0.00
75) Chrysene-d12	13.87	240	238425	20.00	ng	-0.01
86) Perylene-d12	15.26	264	180183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	388414	66.26	ng	0.00
7) Phenol-d6	6.38	99	499474	65.95	ng	-0.01
23) Nitrobenzene-d5	7.31	82	352688	47.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	101138	57.58	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	565364	47.21	ng	-0.01
78) Terphenyl-d14	12.85	244	549920	51.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	69106	5.13	ng	98
87) Benzo(b)fluoranthene	14.87	252	26541m	2.35	ng	

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

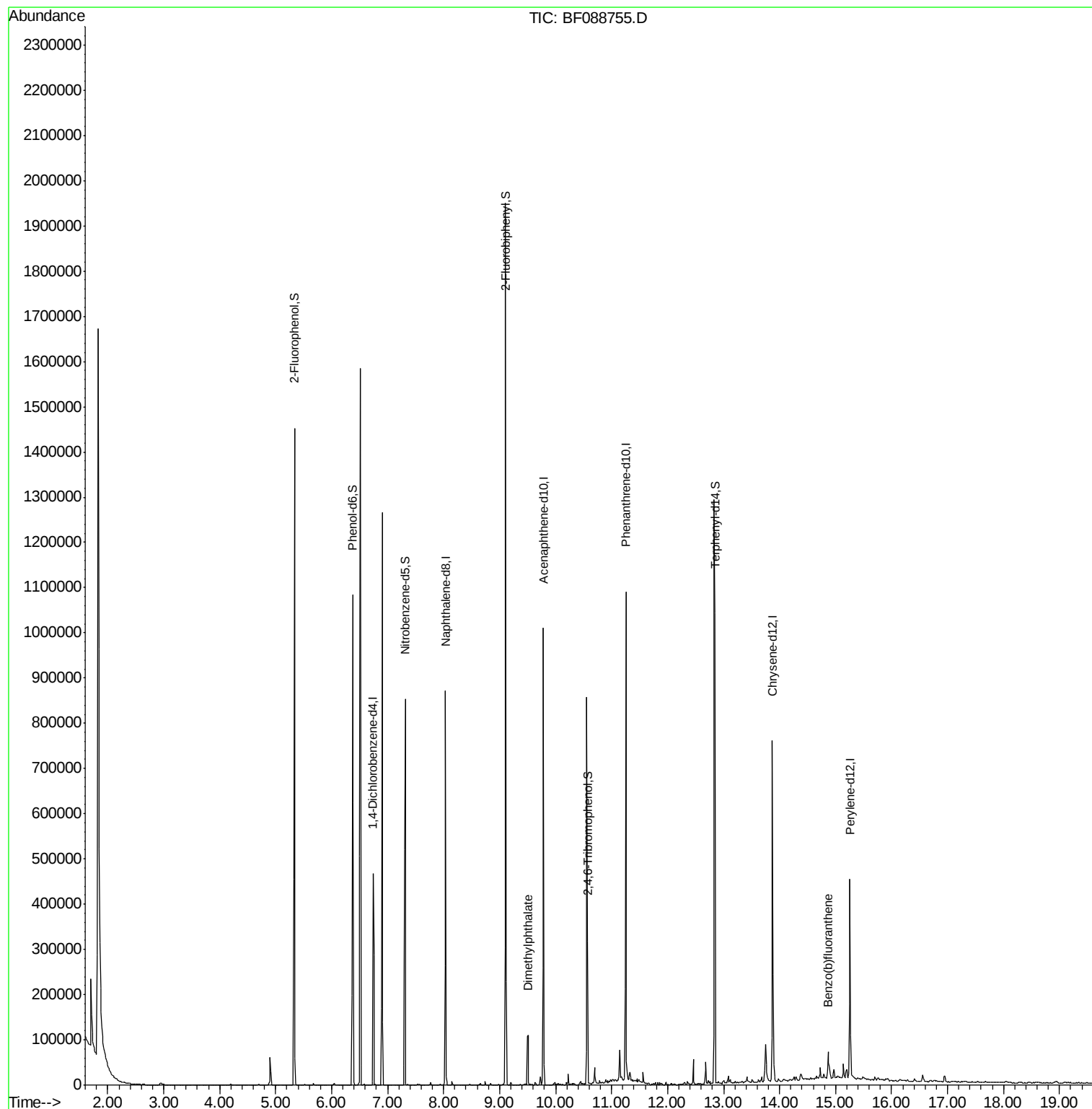
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
Data File : BF088755.D
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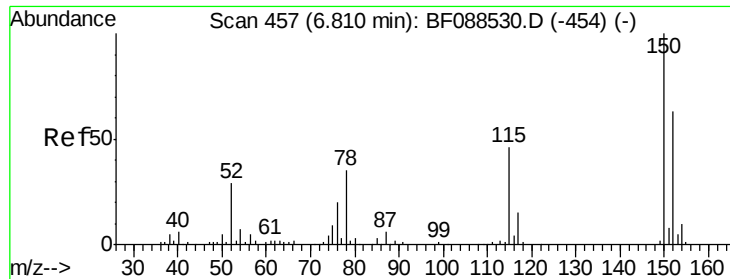
Instrument :
BNA_F
ClientSampleId :
C2.2-02

Manual Integrations

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Quant Time: Jul 07 02:00:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 01:24:07 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088755.D

Acq: 7 Jul 2016 1:23

Instrument :

BNA_F

ClientSampled :

C2.2-02

Tot Ion:152 Resp: 87847

Ion Ratio Lower Upper

152 100

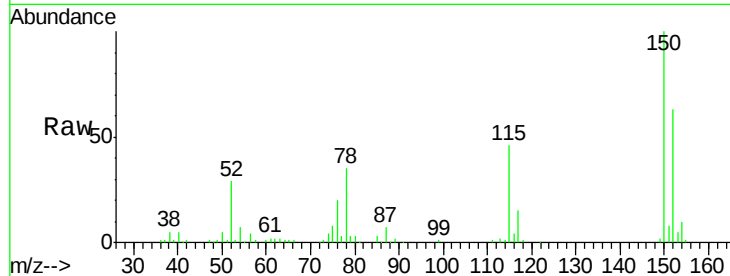
150 158.5 123.8 185.6

115 73.0 39.6 59.4#

Manual Integrations

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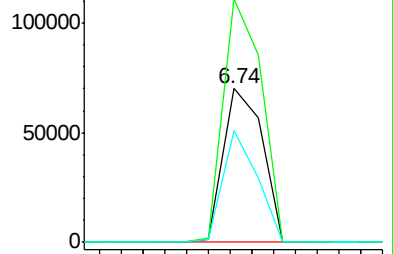
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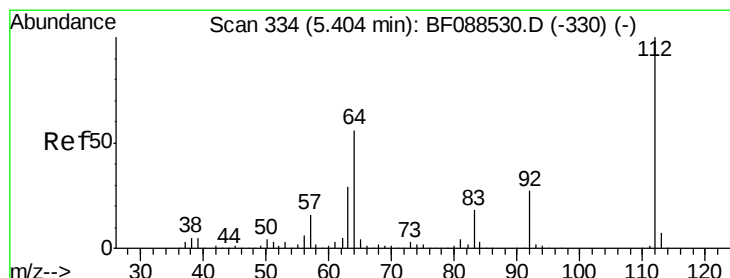
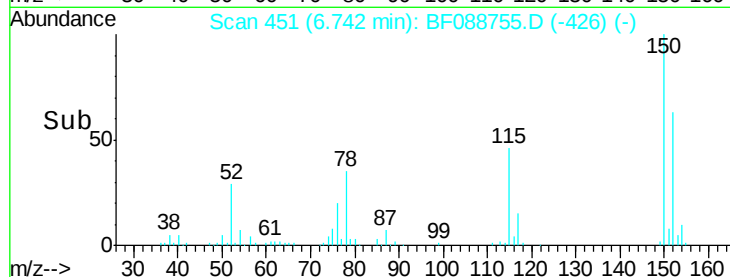
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 66.26 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF088755.D

Acq: 7 Jul 2016 1:23

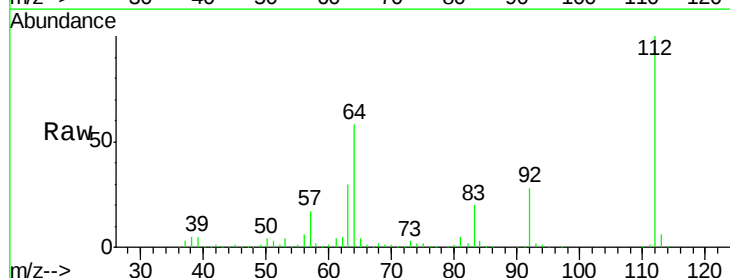
Tgt Ion:112 Resp: 388414

Ion Ratio Lower Upper

112 100

64 57.6 42.2 63.2

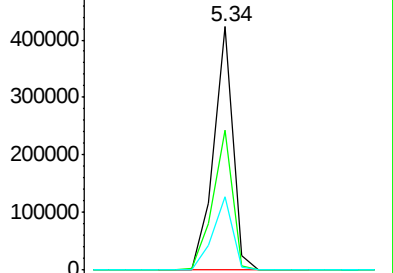
63 30.2 21.8 32.8



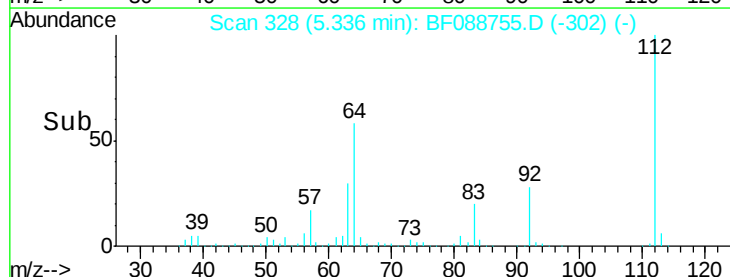
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 65.95 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088755.D

Acq: 7 Jul 2016 1:23

Instrument :

BNA_F

ClientSampled :

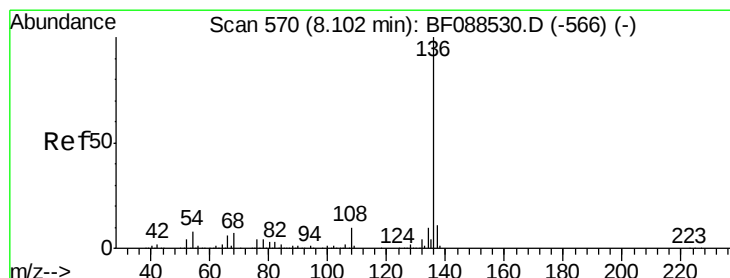
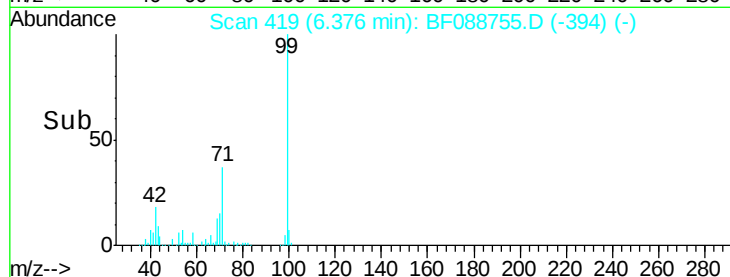
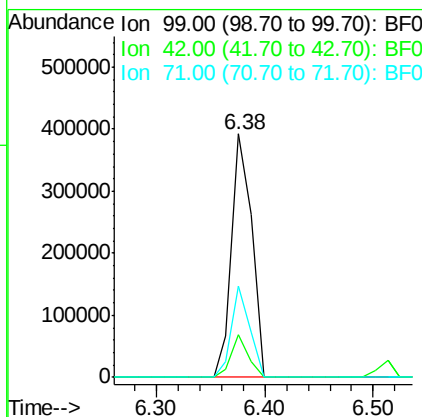
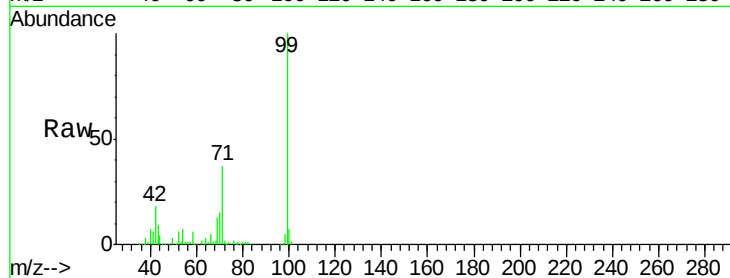
C2.2-02

Tot Ion:	99	Resp:	499474
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	37.3	23.4	35.0#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

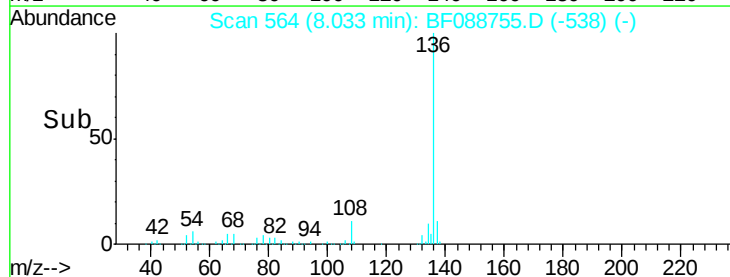
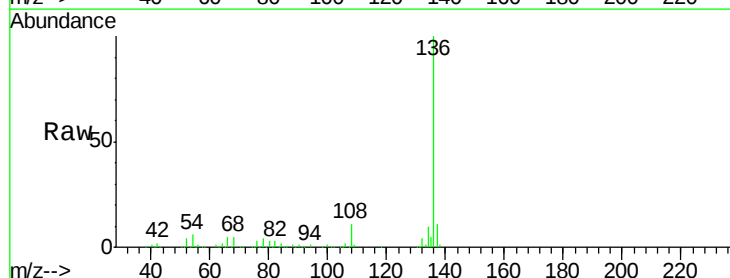
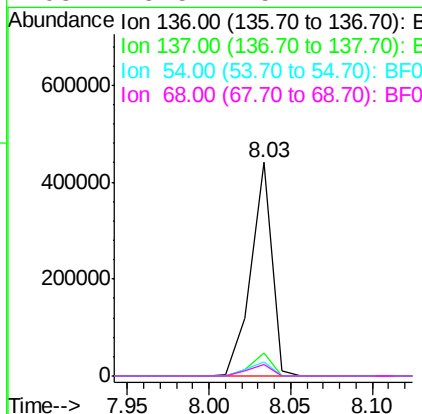
RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088755.D

Acq: 7 Jul 2016 1:23

Tgt Ion:	136	Resp:	392244
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	6.6	10.0#
68	5.5	5.1	7.7





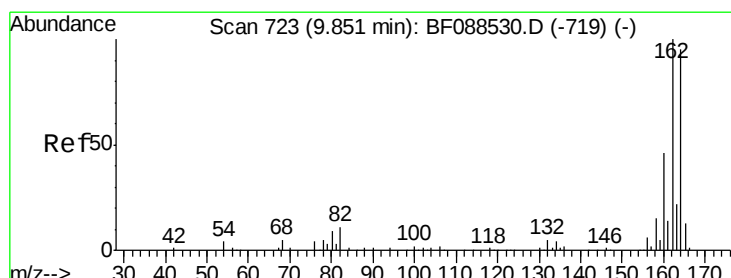
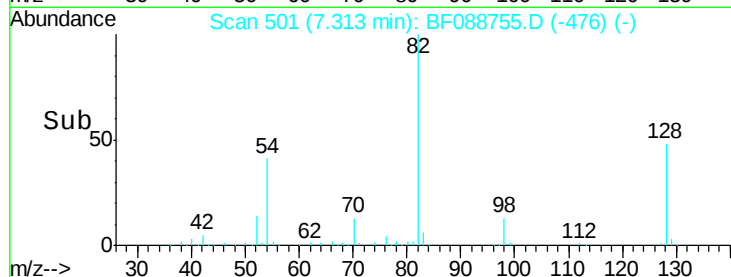
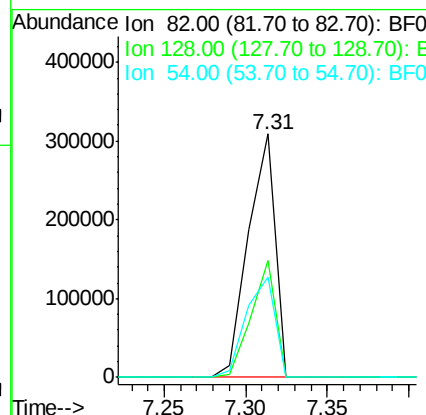
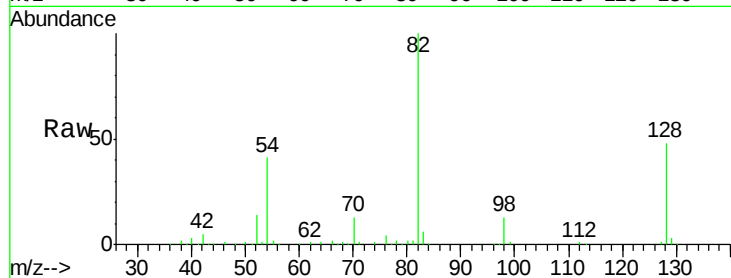
#23
 Nitrobenzene-d5
 Concen: 47.12 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088755.D
 Acq: 7 Jul 2016 1:23

Instrument :
 BNA_F
 ClientSampled :
 C2.2-02

Tot Ion	82	Resp	352688
Ion Ratio	Lower	Upper	
82	100		
128	48.1	35.9	53.9
54	41.3	40.9	61.3

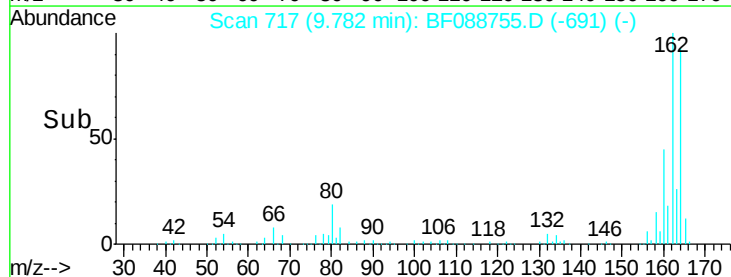
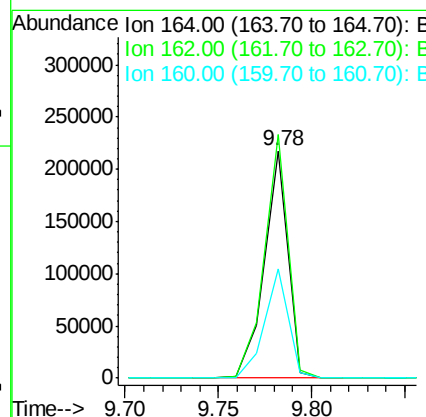
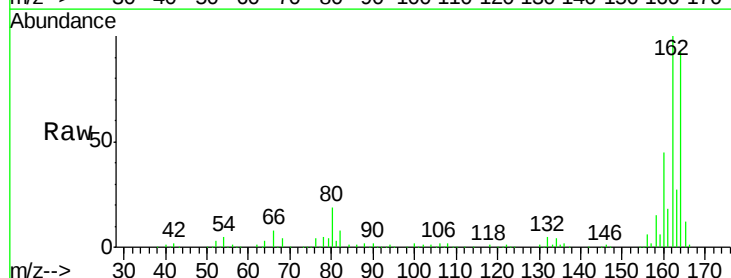
Manual Integrations

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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088755.D
 Acq: 7 Jul 2016 1:23

Tgt Ion	164	Resp	189143
Ion Ratio	Lower	Upper	
164	100		
162	107.3	85.4	128.2
160	48.3	39.5	59.3





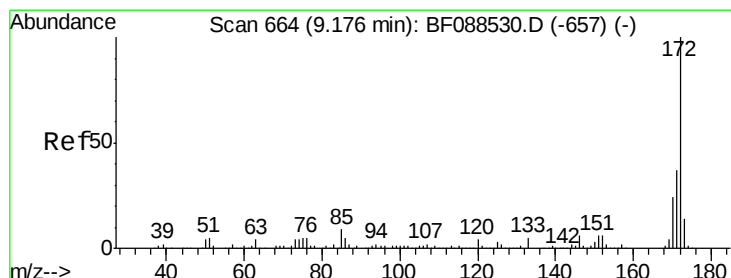
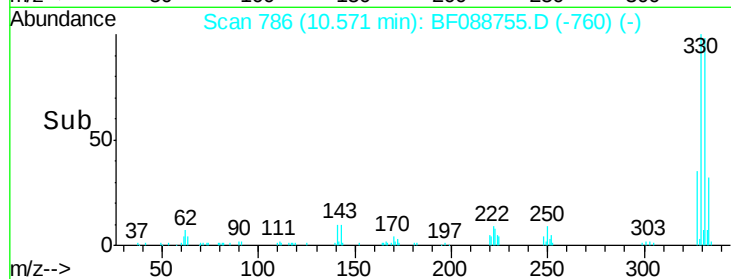
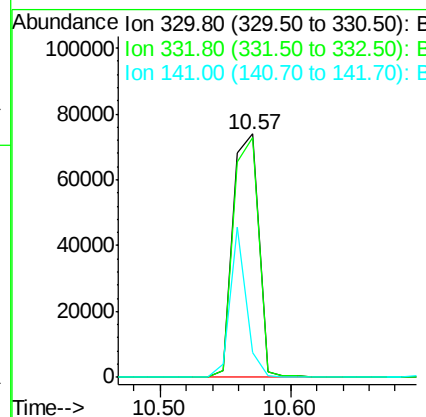
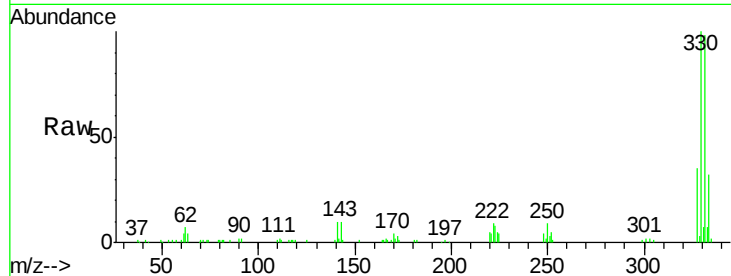
#41
 2,4,6-Tribromophenol
 Concen: 57.58 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088755.D
 Acq: 7 Jul 2016 1:23

Instrument :
 BNA_F
 ClientSampled :
 C2.2-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100	101138		
332	97.1	0.0	0.0	0.0
141	39.4	0.0	0.0	0.0

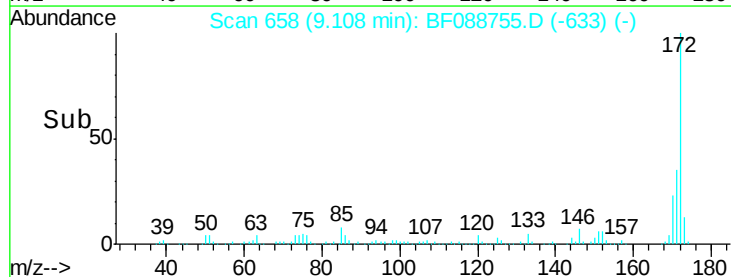
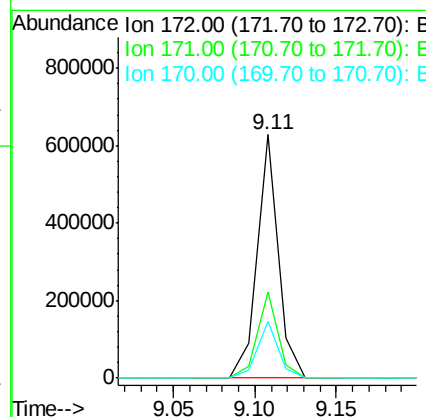
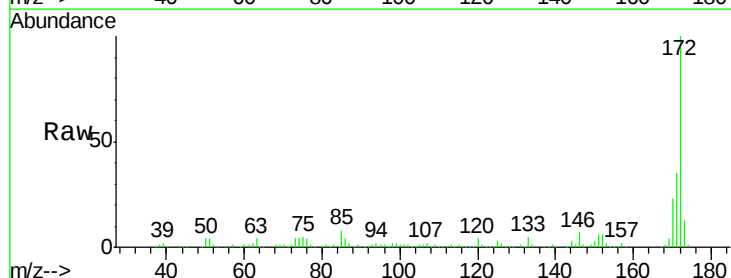
Manual Integrations

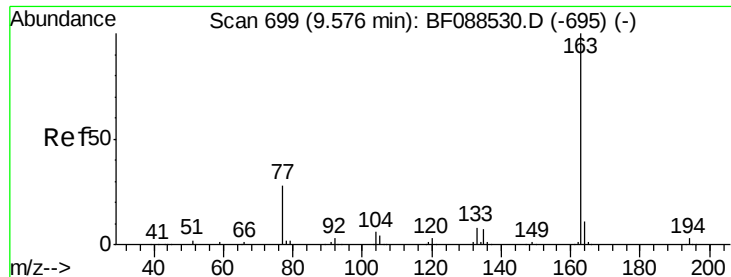
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#44
 2-Fluorobiphenyl
 Concen: 47.21 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088755.D
 Acq: 7 Jul 2016 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	565364		
171	35.4	28.6	43.0	
170	23.5	19.2	28.8	





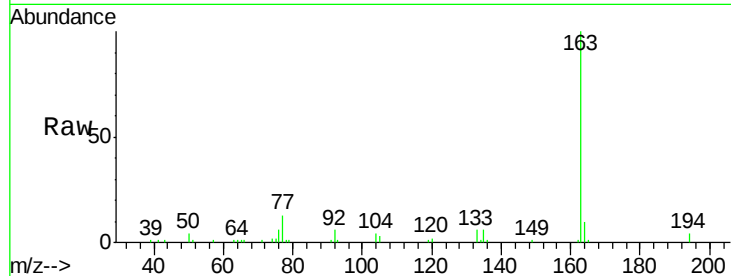
#49
Dimethylphthalate
Concen: 5.13 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088755.D
Acq: 7 Jul 2016 1:23

Instrument :
BNA_F
ClientSampleId :
C2.2-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		69106		
194	4.0		2.8	4.2	
164	9.8		8.3	12.5	

Manual Integrations

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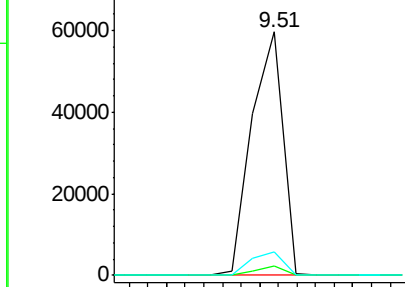


Abundance

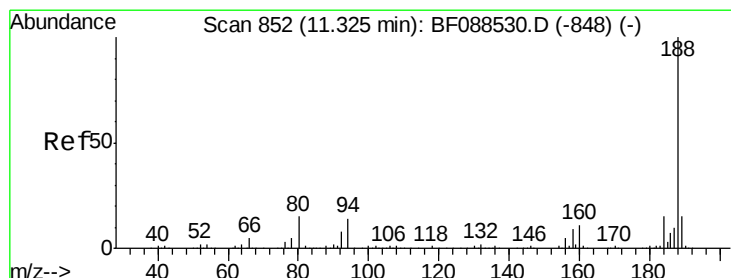
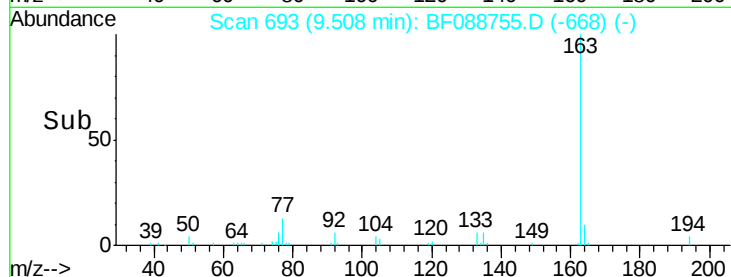
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

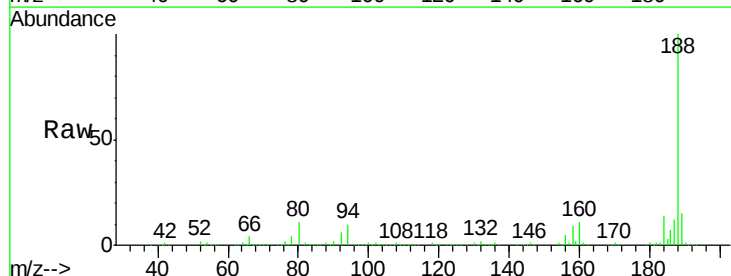


Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088755.D
Acq: 7 Jul 2016 1:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		355503		
94	9.6		9.0	13.6	
80	10.9		10.0	15.0	

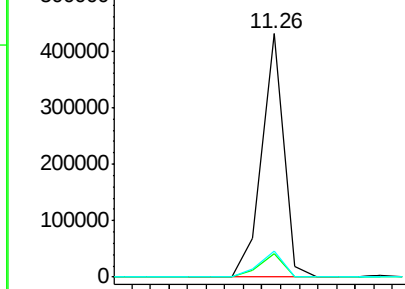


Abundance

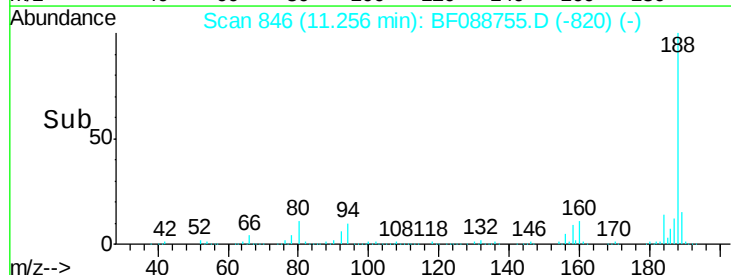
Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF088755.D

Acq: 7 Jul 2016 1:23

Instrument :

BNA_F

ClientSampleId :

C2.2-02

Tot Ion:240 Resp: 238425

Ion Ratio Lower Upper

240 100

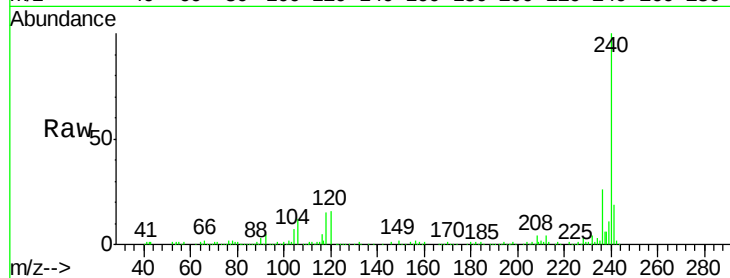
120 15.6 6.8 10.2#

236 25.5 20.2 30.2

Manual Integrations

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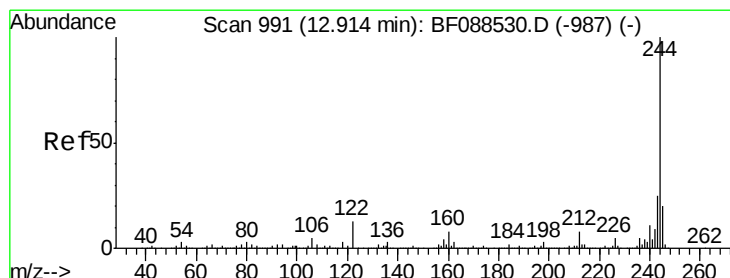
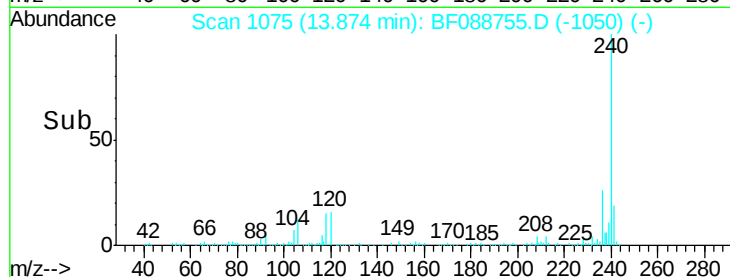
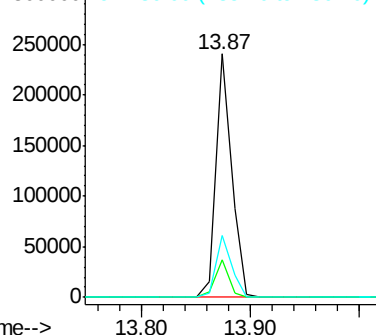
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 51.37 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088755.D

Acq: 7 Jul 2016 1:23

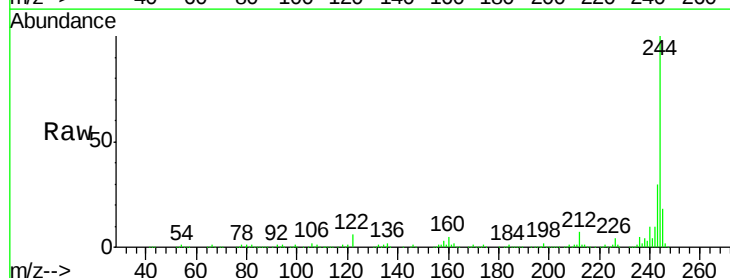
Tgt Ion:244 Resp: 549920

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

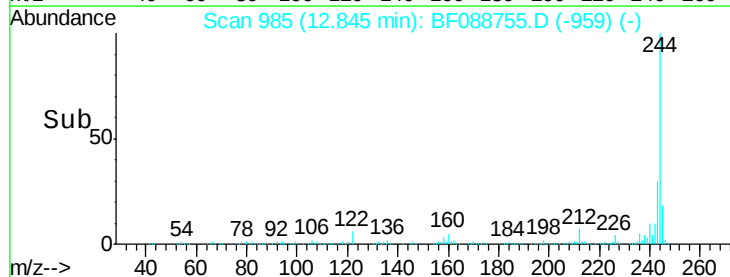
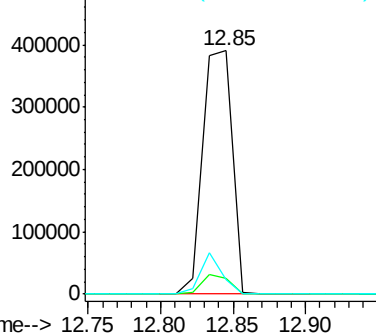
122 5.9 11.2 16.8#

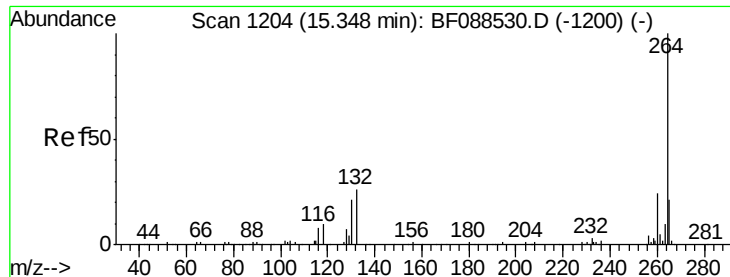


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





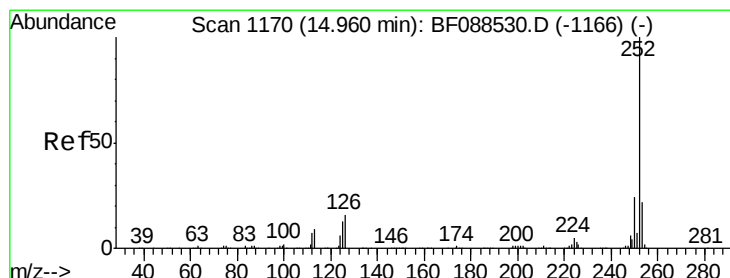
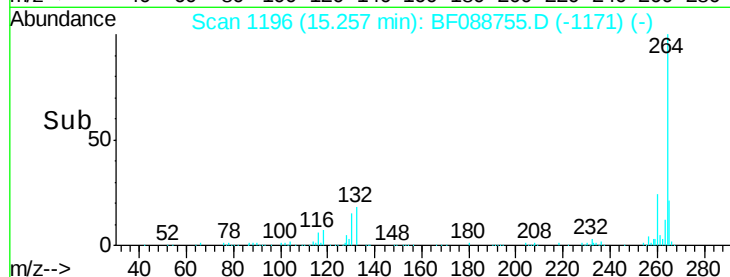
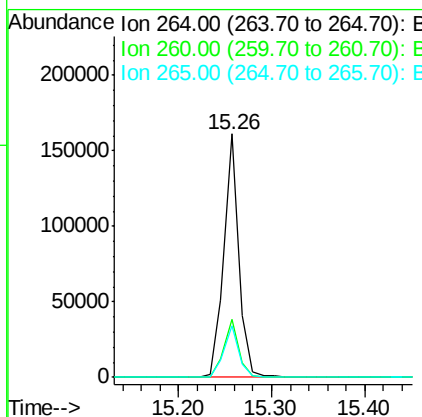
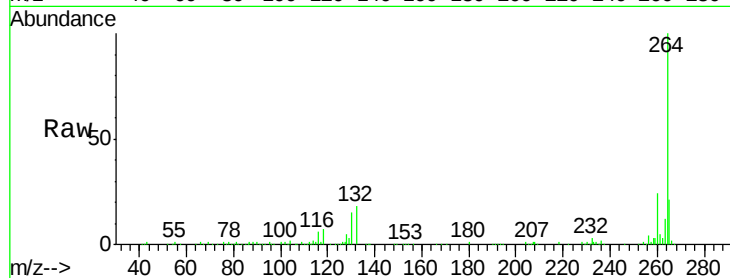
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF088755.D
Acq: 7 Jul 2016 1:23

Instrument :
BNA_F
ClientSampleId :
C2.2-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	16.9	25.3

Manual Integrations

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#87
Benzo(b)fluoranthene
Concen: 2.35 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF088755.D
Acq: 7 Jul 2016 1:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.8	7.1	10.7#

