

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088906.D
 Acq On : 11 Jul 2016 18:27
 Operator : UM/SJ
 Sample : H3915-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P6-B2-0-11-C

Manual Integrations

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Quant Time: Jul 12 02:20:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	66863	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	271524	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	112972	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	190605	20.00	ng	0.00
75) Chrysene-d12	13.84	240	142349	20.00	ng	-0.01
86) Perylene-d12	15.21	264	122544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	454772	101.94	ng	0.01
7) Phenol-d6	6.35	99	499459	86.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	386467	74.59	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	111350	106.14	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	531411	74.30	ng	0.00
78) Terphenyl-d14	12.80	244	381974	59.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	107916	13.41	ng	98
87) Benzo(b)fluoranthene	14.83	252	16736m	2.18	ng	

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

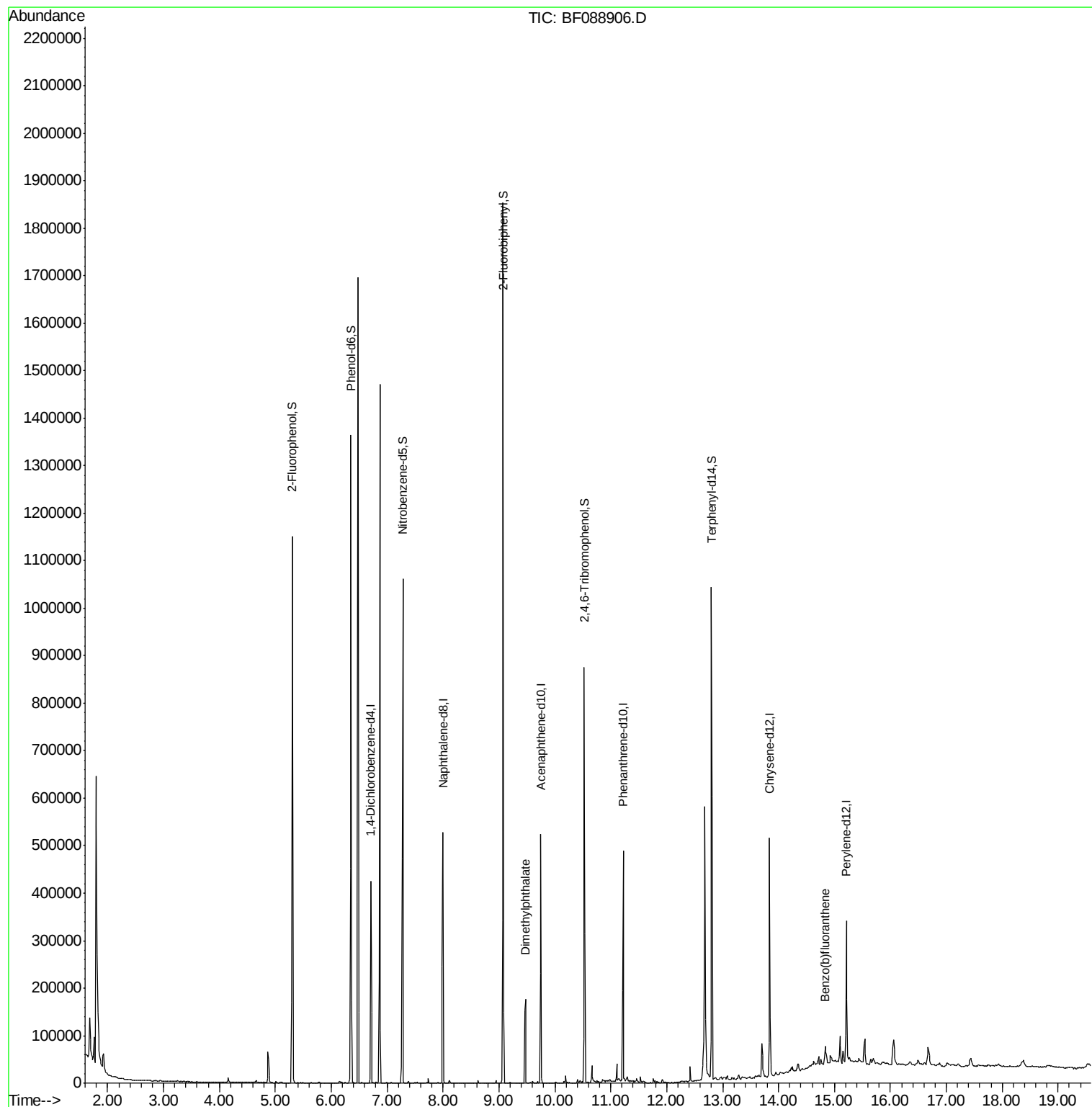
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088906.D
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Manual Integrations

Quant Time: Jul 12 02:20:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

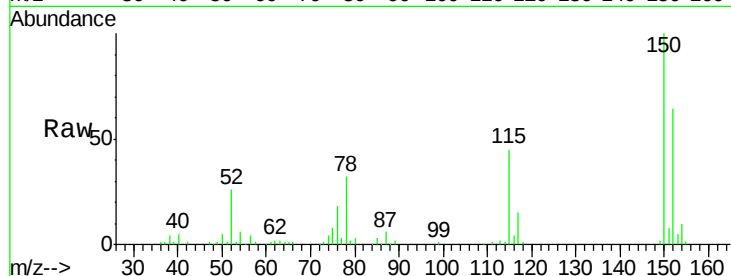
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088906.D
Acq: 11 Jul 2016 18:27

Instrument :
BNA_F
ClientSampled :
P6-B2-0-11-C

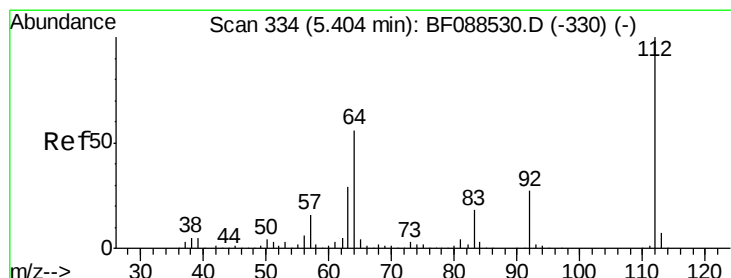
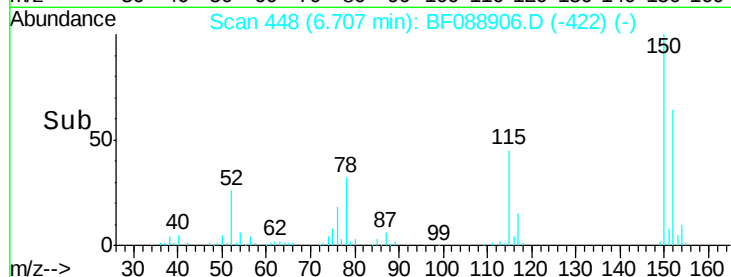
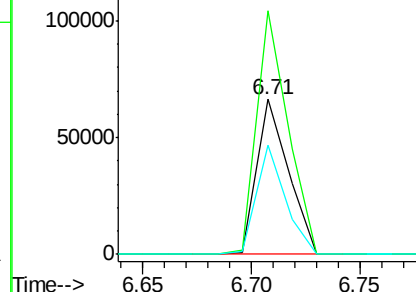
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	70.7	39.6	59.4

Manual Integrations

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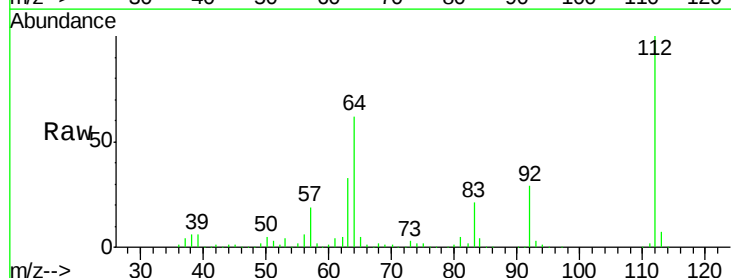
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



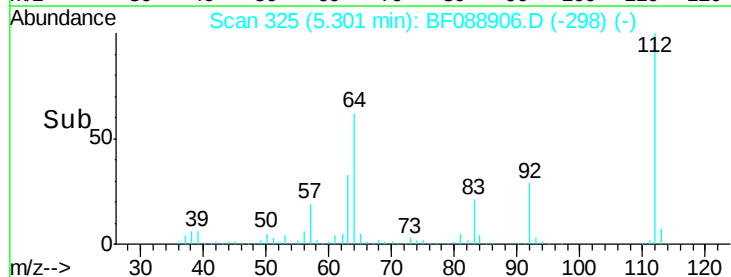
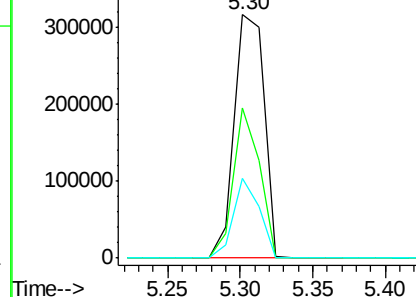
#5

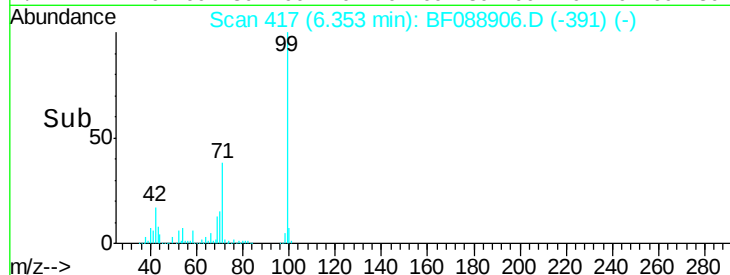
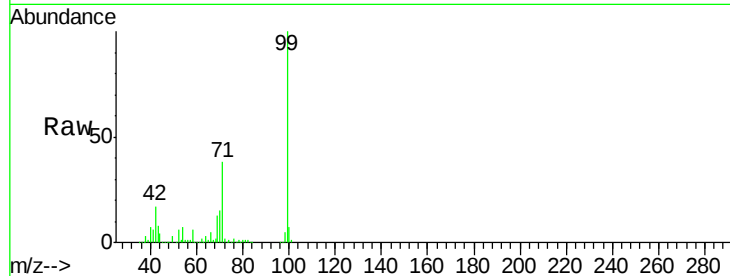
2-Fluorophenol
Concen: 101.94 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088906.D
Acq: 11 Jul 2016 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	42.2	63.2
63	32.8	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: 86.64 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088906.D

Acq: 11 Jul 2016 18:27

Tot Ion:	99	Resp:	499459
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.2	18.2
71	38.2	23.4	35.0#

Instrument :

BNA_F

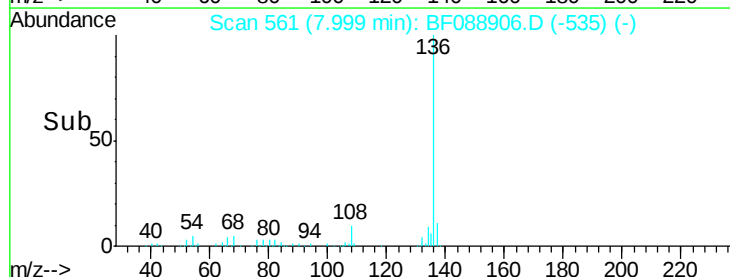
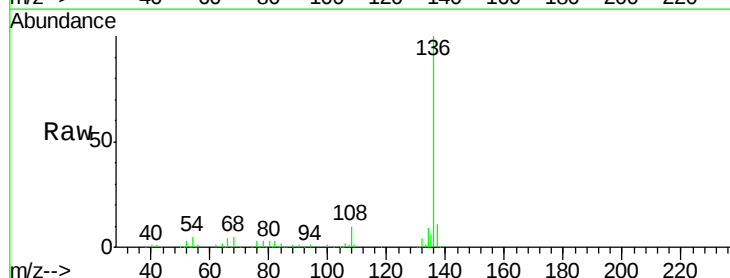
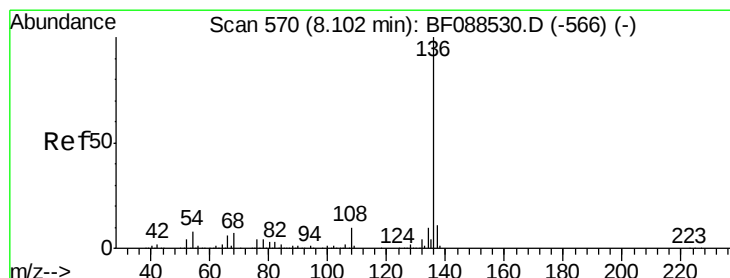
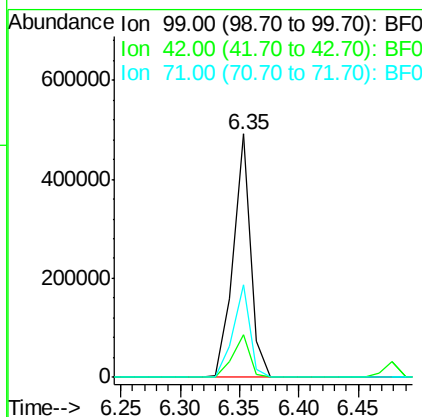
ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

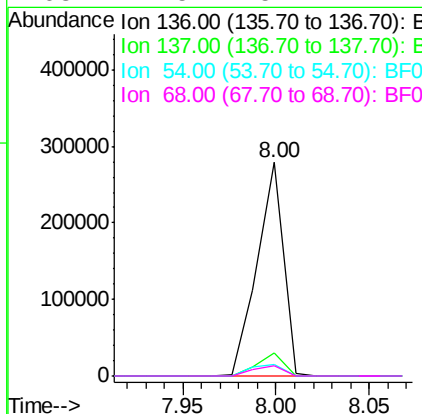
RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF088906.D

Acq: 11 Jul 2016 18:27

Tgt Ion:	136	Resp:	271524
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	5.3	6.6	10.0#
68	4.5	5.1	7.7#





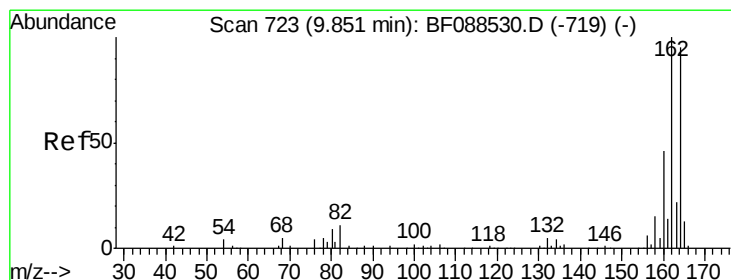
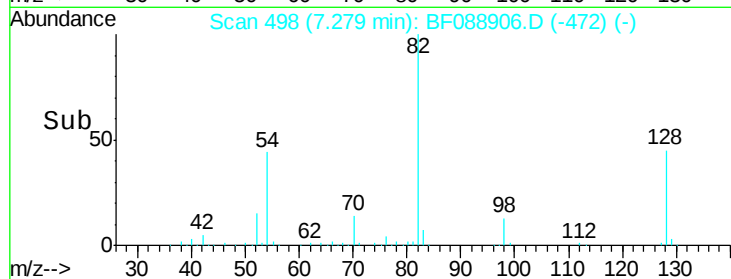
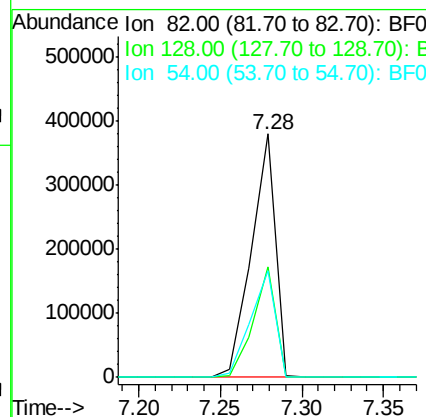
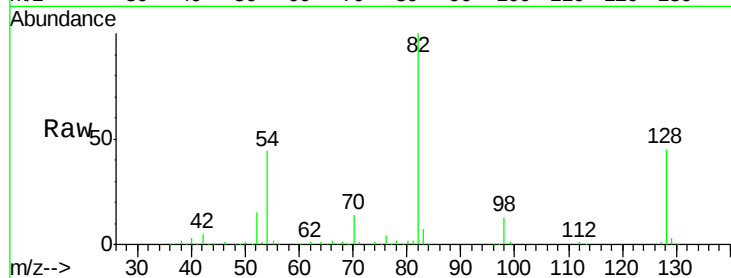
#23
 Nitrobenzene-d5
 Concen: 74.59 ng
 RT: 7.28 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF088906.D
 Acq: 11 Jul 2016 18:27

Instrument :
 BNA_F
 ClientSampled :
 P6-B2-0-11-C

Tot Ion:	82	Resp:	386467
Ion Ratio	Lower	Upper	
82	100		
128	45.4	35.9	53.9
54	43.8	40.9	61.3

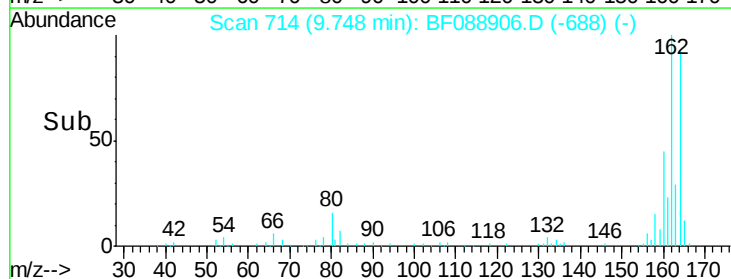
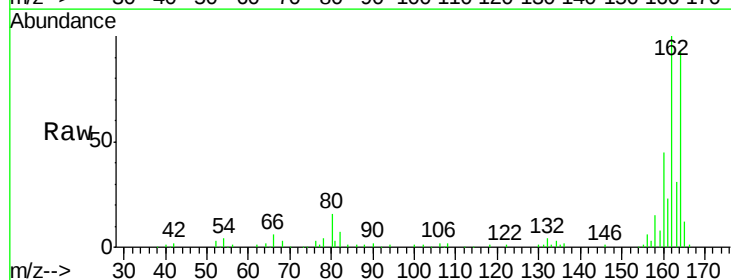
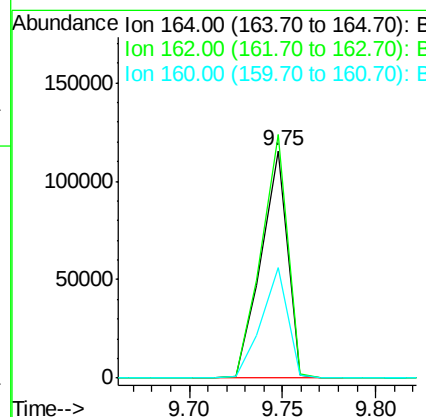
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF088906.D
 Acq: 11 Jul 2016 18:27

Tgt Ion:	164	Resp:	112972
Ion Ratio	Lower	Upper	
164	100		
162	107.2	85.4	128.2
160	48.4	39.5	59.3





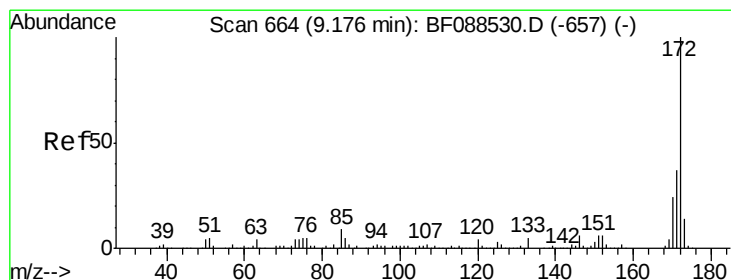
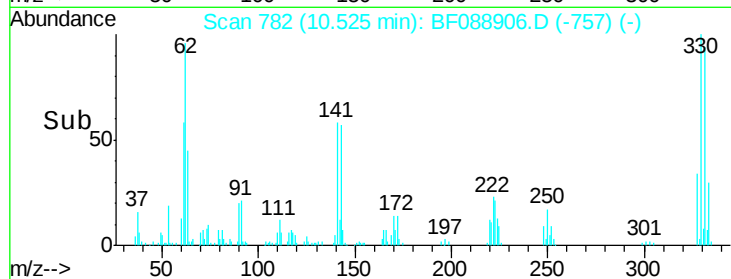
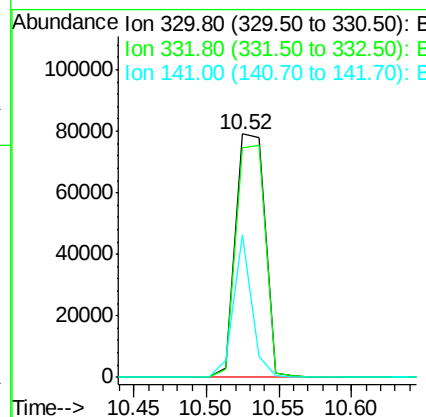
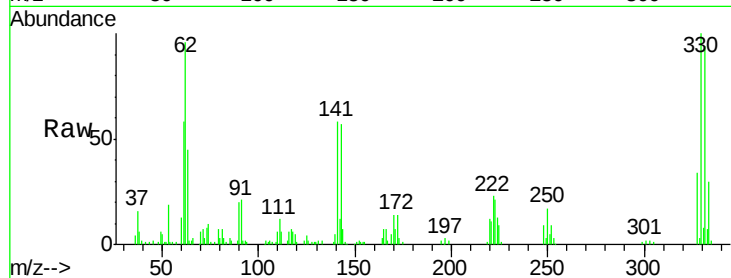
#41
 2,4,6-Tribromophenol
 Concen: 106.14 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088906.D
 Acq: 11 Jul 2016 18:27

Instrument :
 BNA_F
 ClientSampleID :
 P6-B2-0-11-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	0.0	0.0	0.0
141	36.3	0.0	0.0	0.0

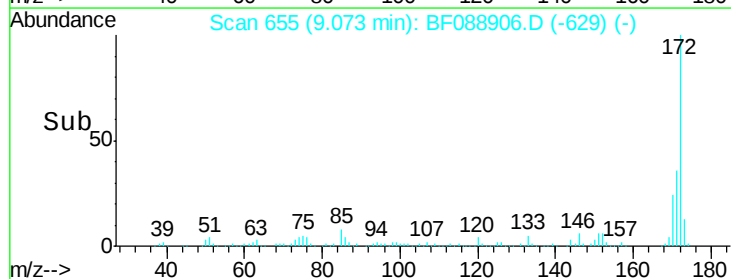
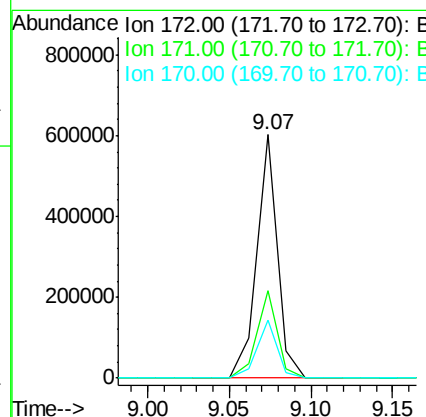
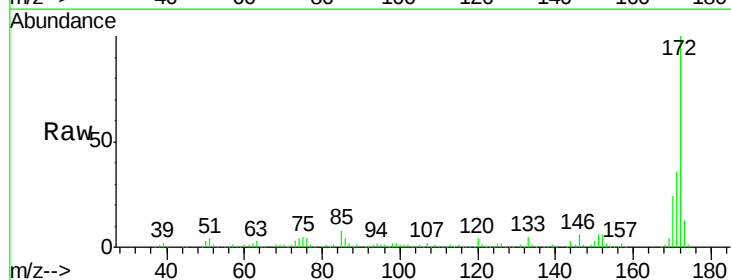
Manual Integrations

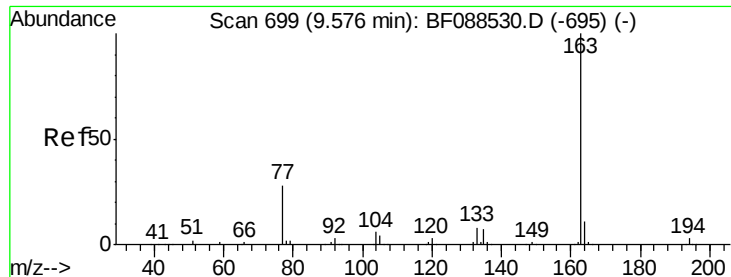
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#44
 2-Fluorobiphenyl
 Concen: 74.30 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088906.D
 Acq: 11 Jul 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	28.6	43.0	
170	23.7	19.2	28.8	





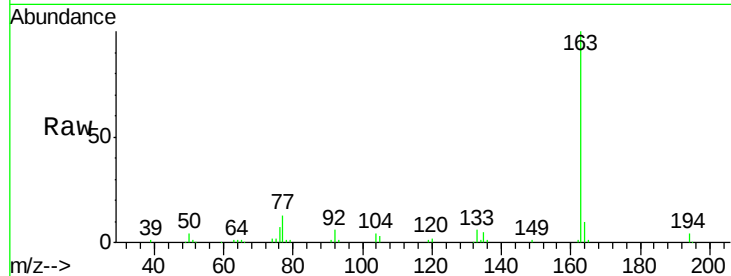
#49
Dimethylphthalate
Concen: 13.41 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088906.D
Acq: 11 Jul 2016 18:27

Instrument :
BNA_F
ClientSampleId :
P6-B2-0-11-C

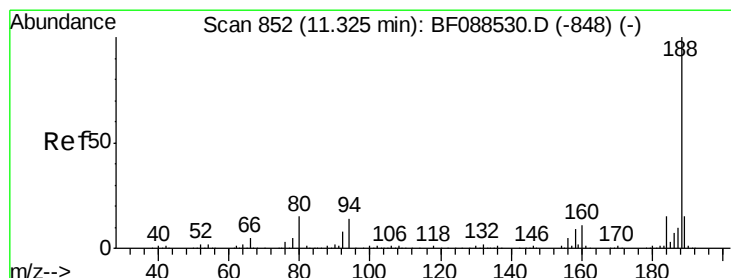
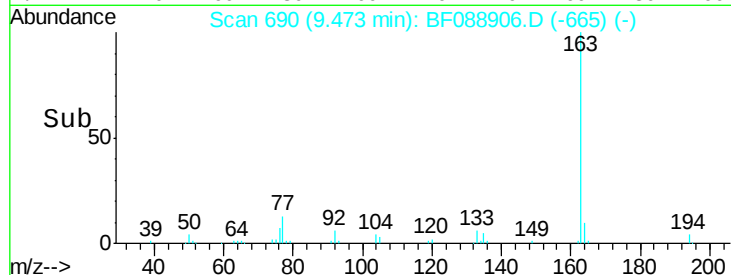
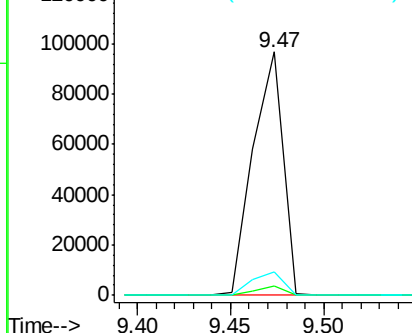
Tot Ion:163 Resp: 107916
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 8.3 12.5

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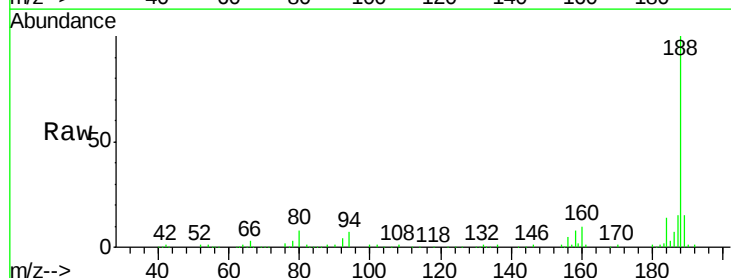


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

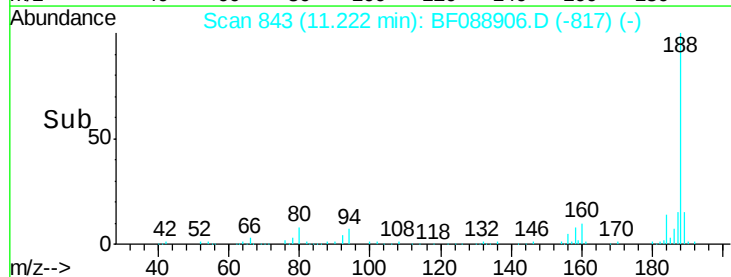
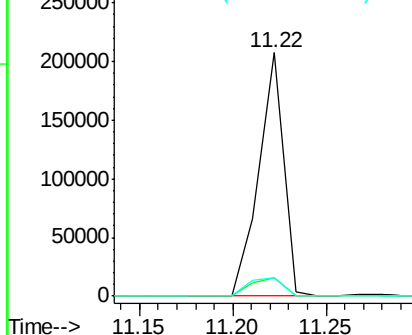


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088906.D
Acq: 11 Jul 2016 18:27

Tgt Ion:188 Resp: 190605
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.6 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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088906.D

Acq: 11 Jul 2016 18:27

Instrument :

BNA_F

ClientSampleId :

P6-B2-0-11-C

Tot Ion:240 Resp: 142349

Ion Ratio Lower Upper

240 100

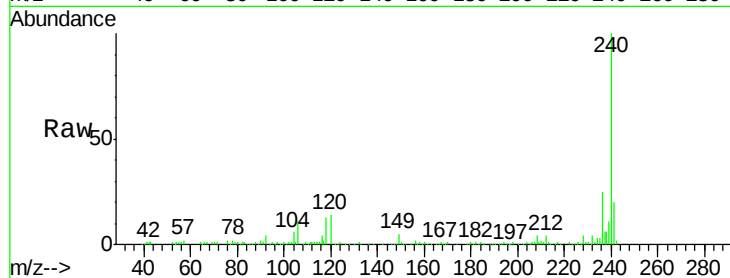
120 13.9 6.8 10.2#

236 25.2 20.2 30.2

Manual Integrations

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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

13.84

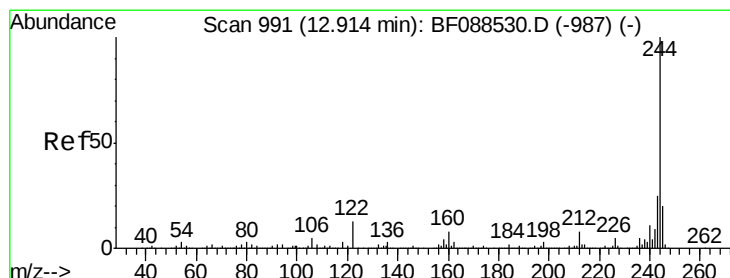
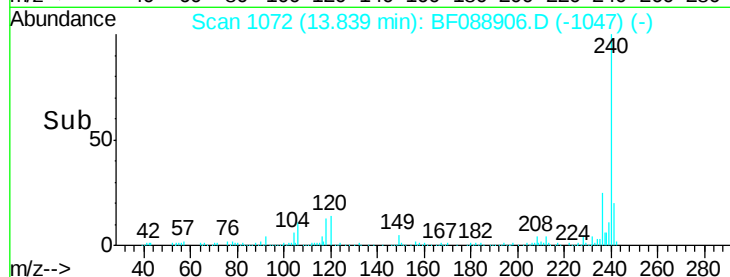
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 59.77 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088906.D

Acq: 11 Jul 2016 18:27

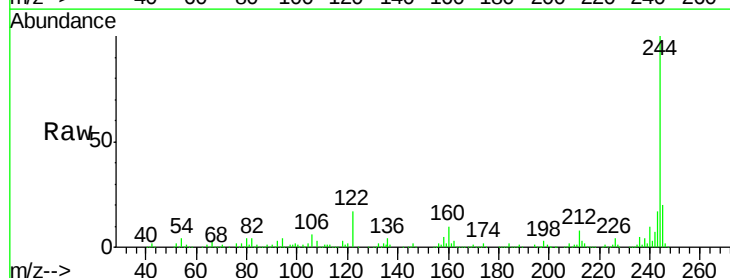
Tgt Ion:244 Resp: 381974

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

122 16.6 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

12.80

400000

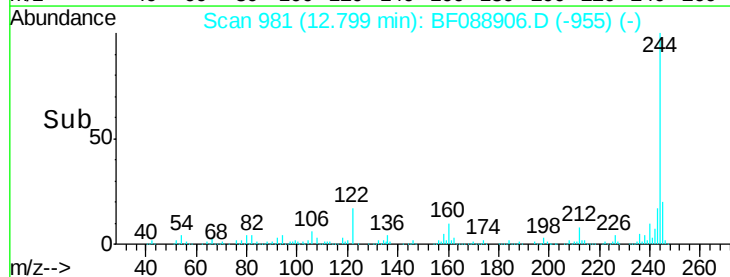
300000

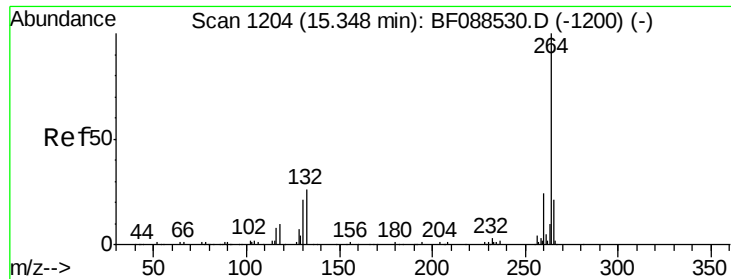
200000

100000

0

Time-->





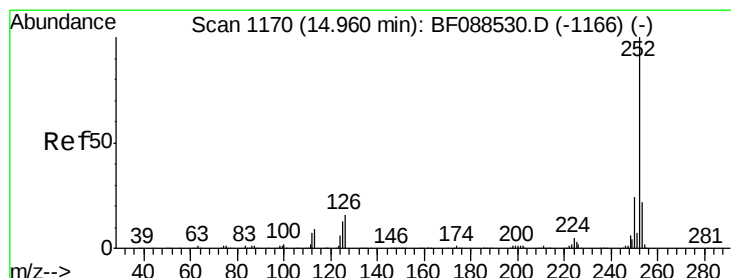
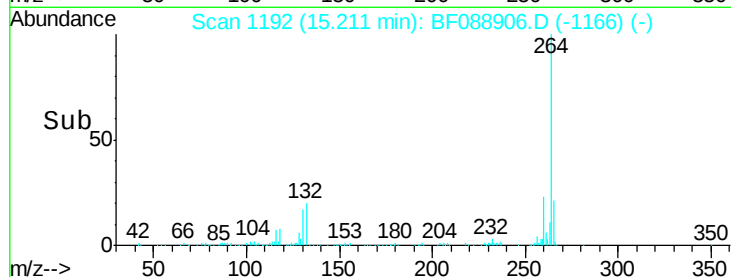
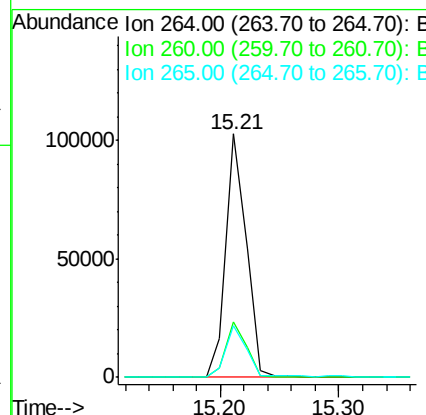
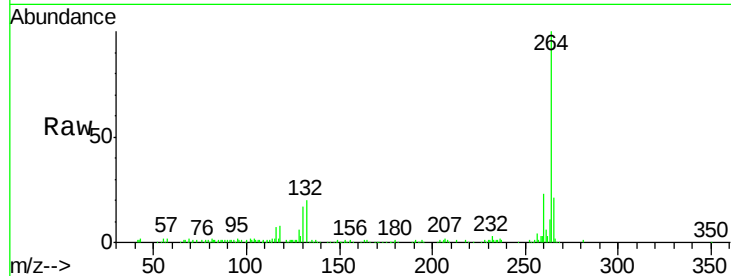
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088906.D
Acq: 11 Jul 2016 18:27

Instrument :
BNA_F
ClientSampled :
P6-B2-0-11-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.5	16.9	25.3

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#87
Benzo(b)fluoranthene
Concen: 2.18 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088906.D
Acq: 11 Jul 2016 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	17.0	7.1	10.7#

