

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088995.D
 Acq On : 14 Jul 2016 19:48
 Operator : UM/SJ
 Sample : H3996-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-B3(0-12)C

Manual Integrations

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 7/15/2016 9:16:27 AM

Quant Time: Jul 15 03:14:10 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	6.68	152	60575	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	222028	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	97188	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	154379	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	103514	20.00	ng	-0.05
86) Perylene-d12	15.18	264	99487	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	573202	141.82	ng	0.00
7) Phenol-d6	6.34	99	683488	130.87	ng	-0.01
23) Nitrobenzene-d5	7.26	82	466676	110.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	91591	101.49	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	677620	110.13	ng	-0.02
78) Terphenyl-d14	12.78	244	391295	84.20	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	104084	15.03	ng	99
70) Phenanthrene	11.21	178	32045	3.80	ng	98
74) Fluoranthene	12.39	202	26463	3.09	ng	97
77) Pyrene	12.62	202	19880	2.27	ng	98
87) Benzo(b)fluoranthene	14.80	252	13217m	2.12	ng	

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

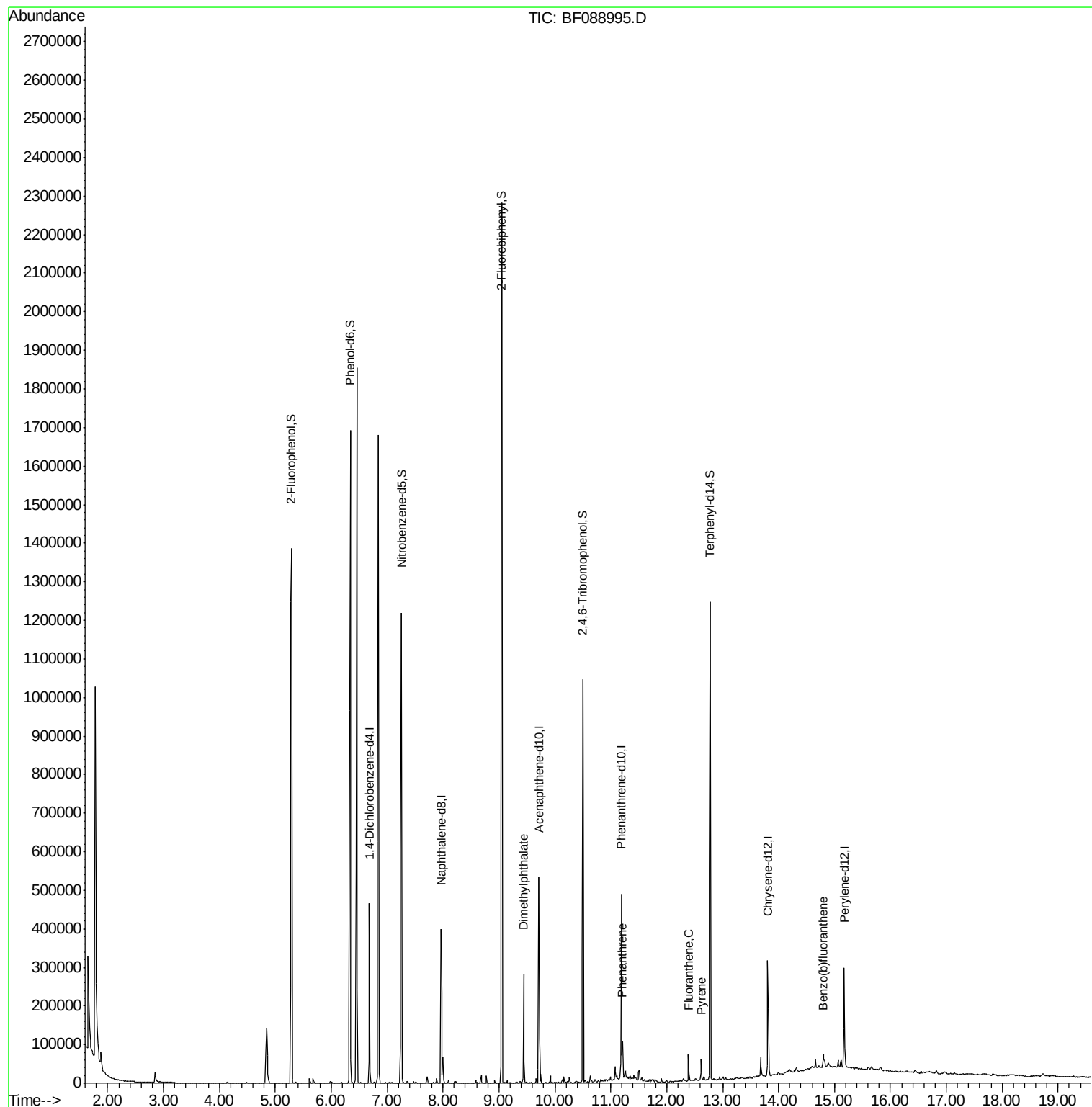
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088995.D
Acq On : 14 Jul 2016 19:48
Operator : UM/SJ
Sample : H3996-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

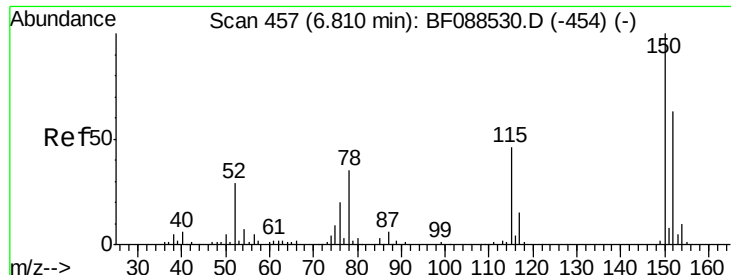
Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Manual Integrations

Quant Time: Jul 15 03:14:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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Response via : Initial Calibration

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#1

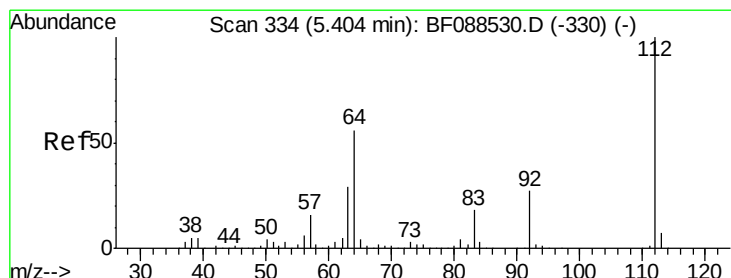
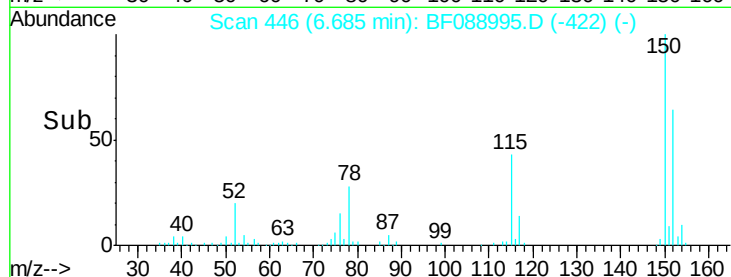
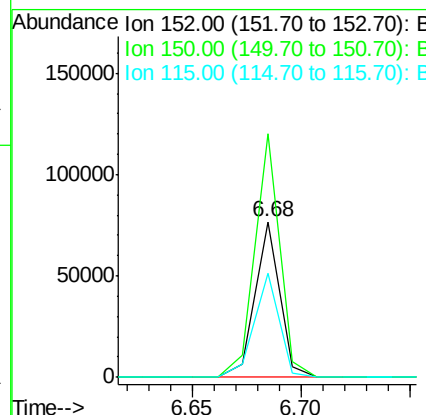
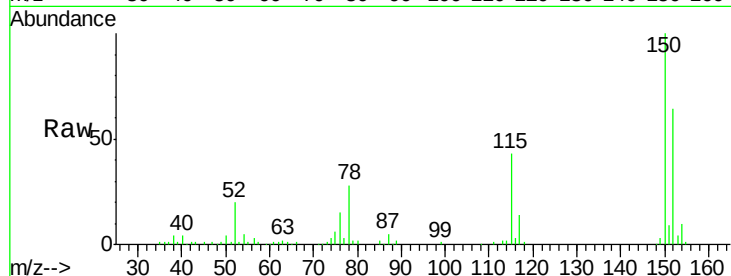
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	66.7	39.6	59.4

Manual Integrations

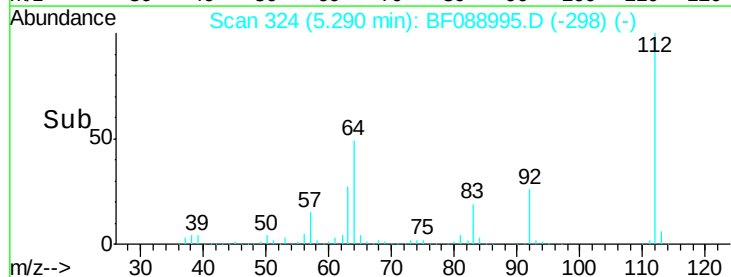
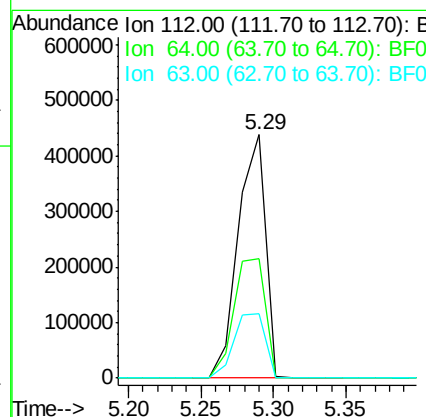
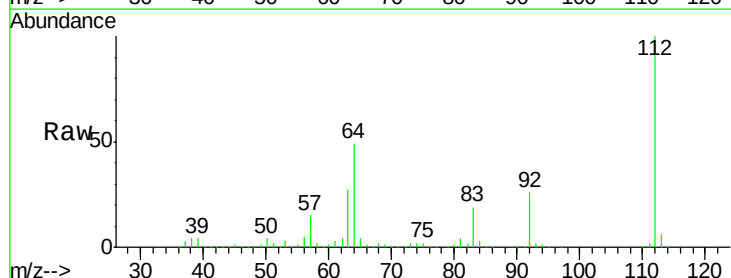
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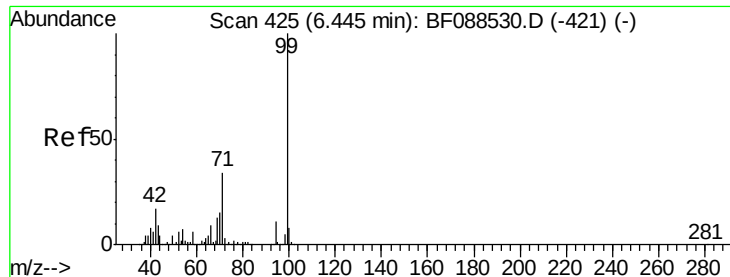


#5

2-Fluorophenol
Concen: 141.82 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	42.2	63.2
63	26.5	21.8	32.8





#7

Phenol-d6

Concen: 130.87 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088995.D

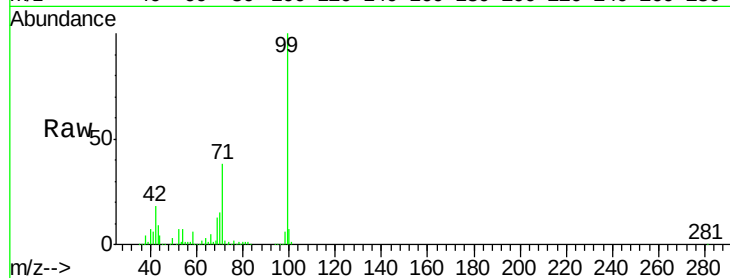
Acq: 14 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

B7-B3(0-12)C



Tot Ion: 99 Resp: 683488

Ion Ratio Lower Upper

99 100

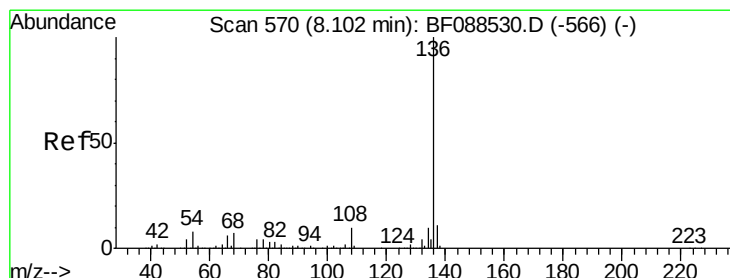
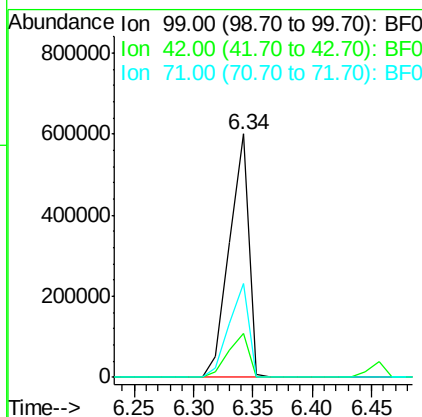
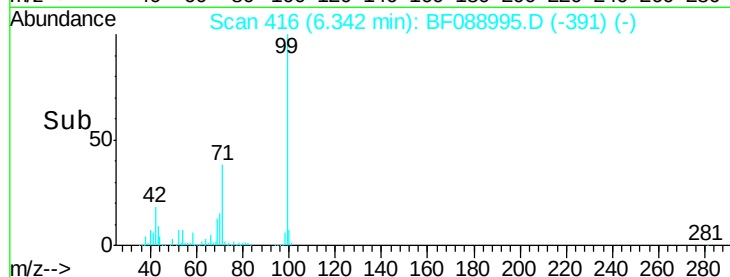
42 18.3 12.2 18.2#

71 38.4 23.4 35.0#

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF088995.D

Acq: 14 Jul 2016 19:48

Tgt Ion: 136 Resp: 222028

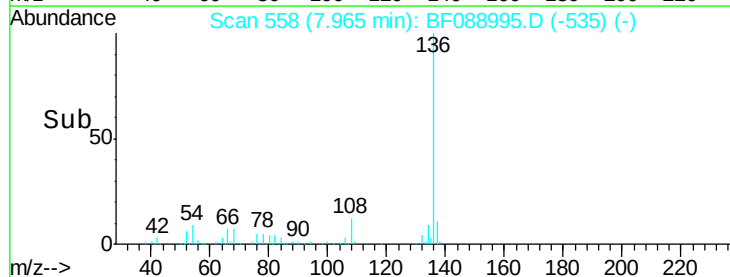
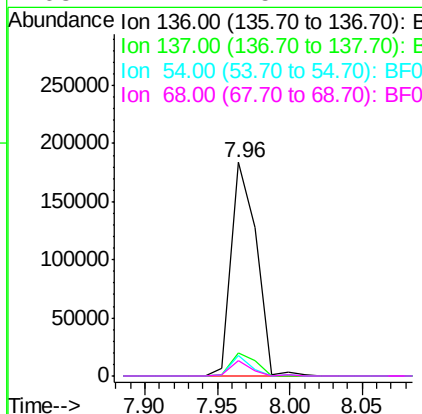
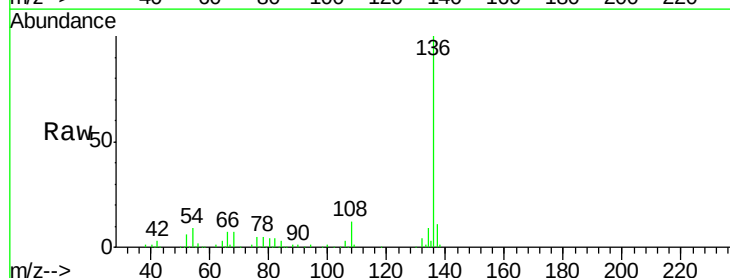
Ion Ratio Lower Upper

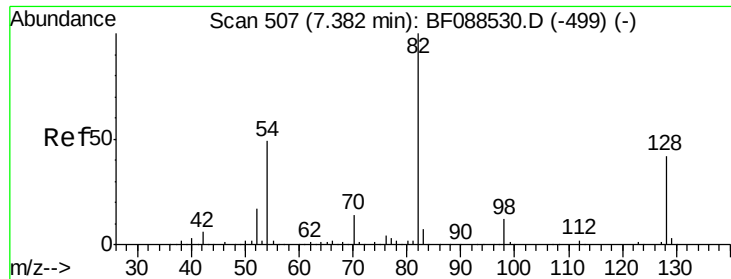
136 100

137 11.0 9.1 13.7

54 9.4 6.6 10.0

68 7.2 5.1 7.7





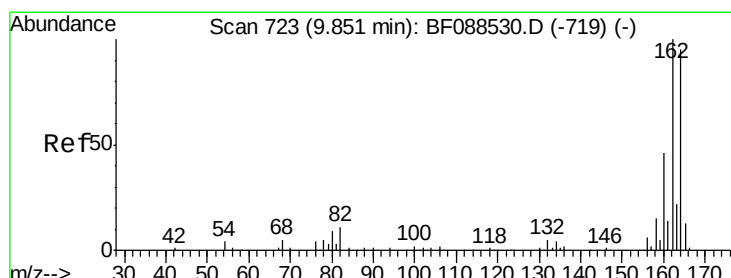
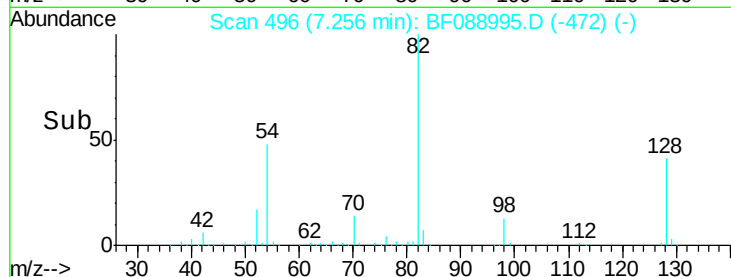
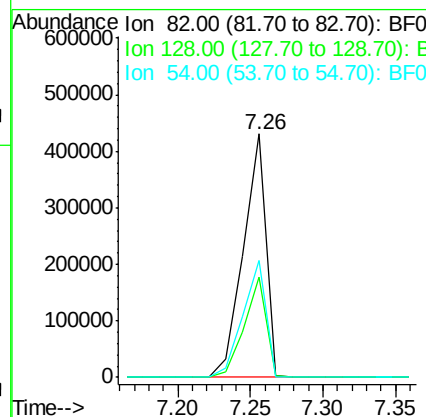
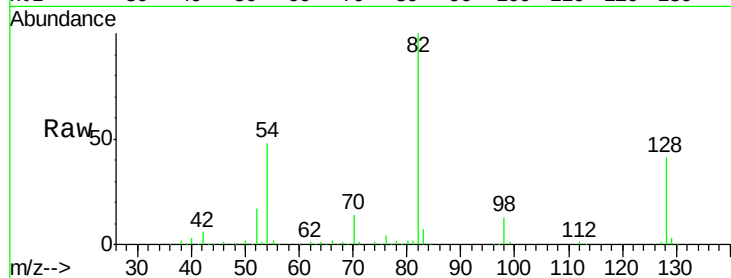
#23
 Nitrobenzene-d5
 Concen: 110.15 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 B7-B3(0-12)C

Tot Ion:	82	Resp:	466676
Ion Ratio	Lower	Upper	
82	100		
128	41.0	35.9	53.9
54	48.0	40.9	61.3

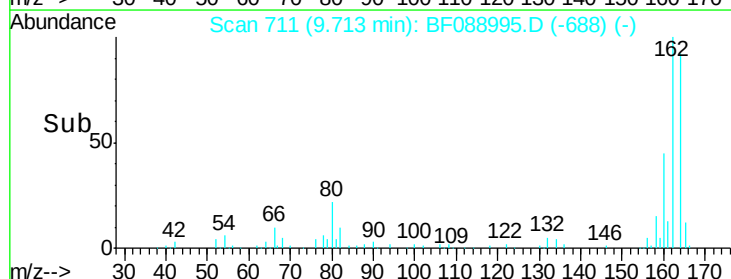
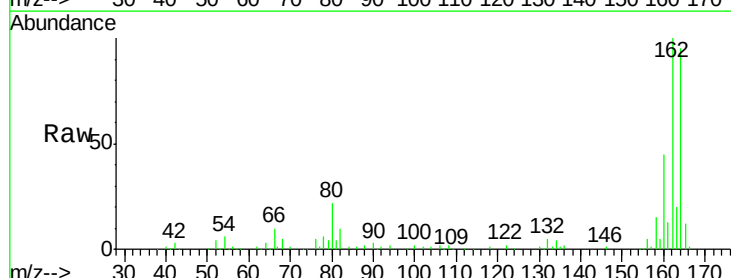
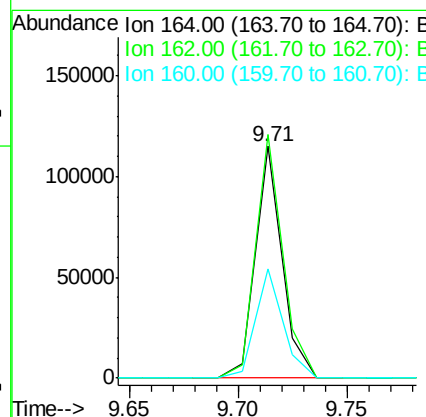
Manual Integrations

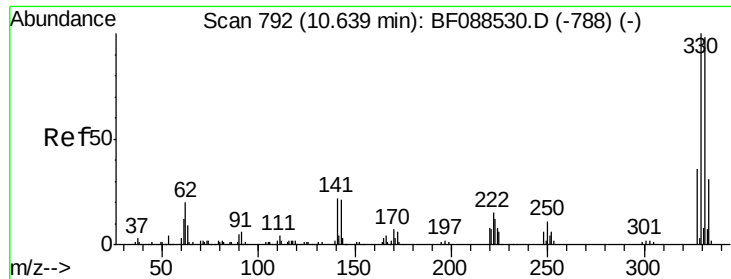
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Tgt Ion:	164	Resp:	97188
Ion Ratio	Lower	Upper	
164	100		
162	105.2	85.4	128.2
160	47.0	39.5	59.3





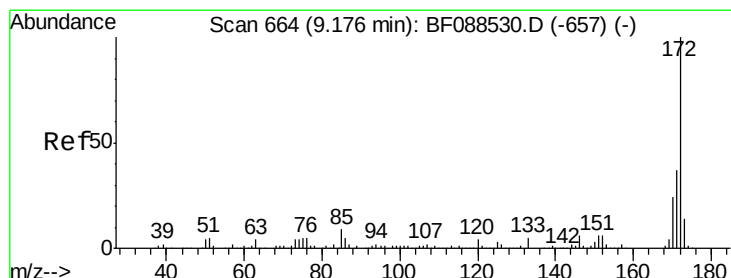
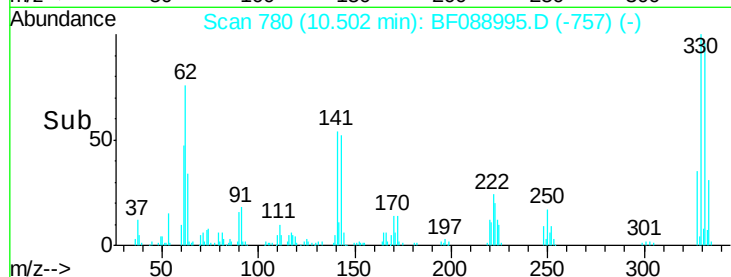
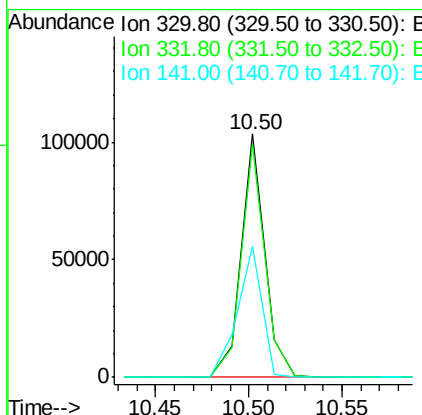
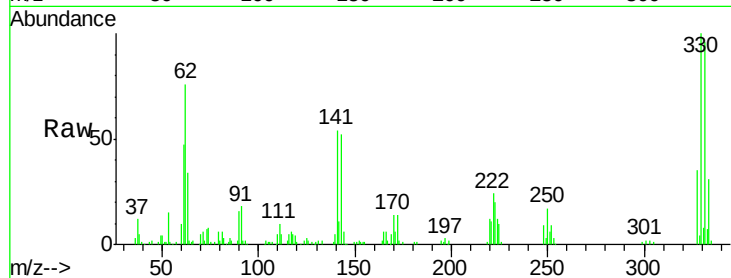
#41
 2,4,6-Tribromophenol
 Concen: 101.49 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampled :
 B7-B3(0-12)C

Tot Ion:	330	Resp:	91591
Ion Ratio	Lower	Upper	
330	100		
332	96.5	0.0	0.0#
141	56.3	0.0	0.0#

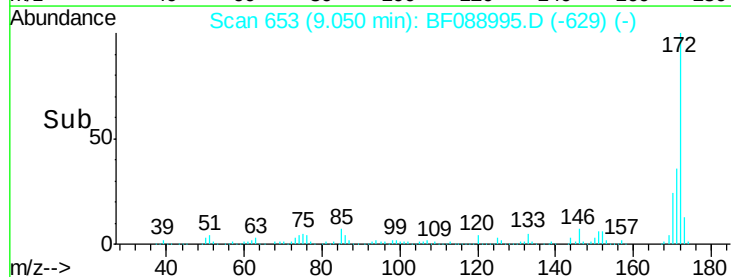
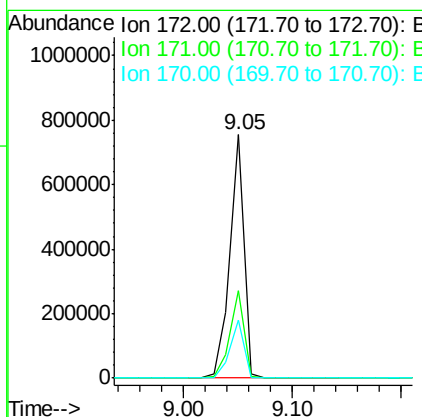
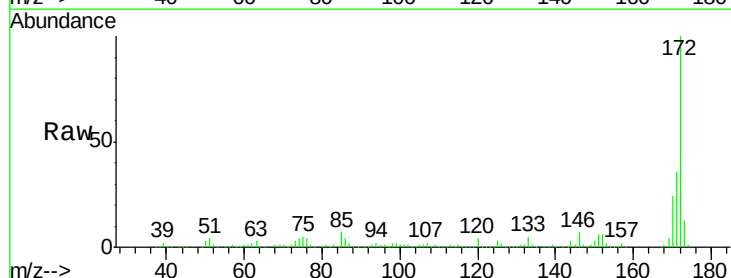
Manual Integrations

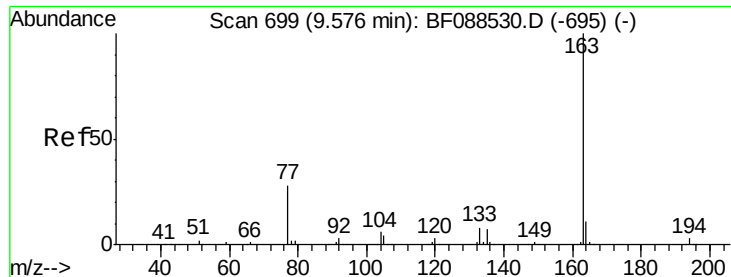
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#44
 2-Fluorobiphenyl
 Concen: 110.13 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Tgt Ion:	172	Resp:	677620
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8





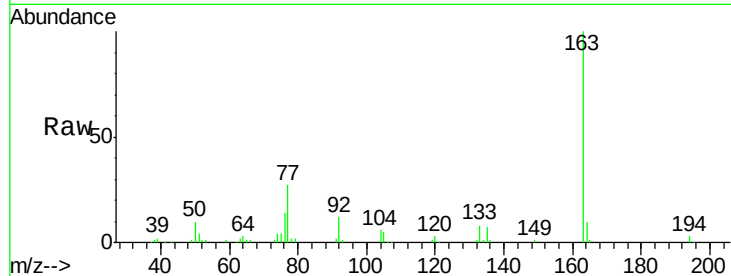
#49
Dimethylphthalate
Concen: 15.03 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
B7-B3(0-12)C

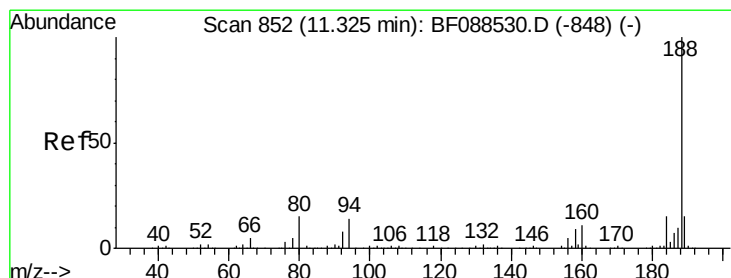
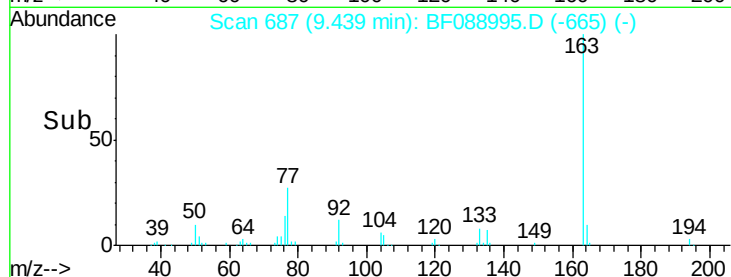
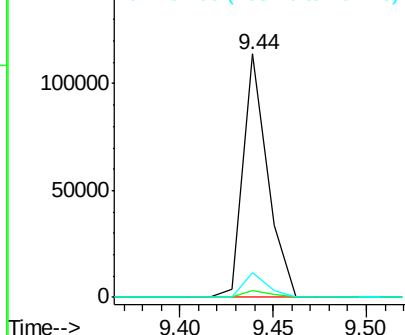
Tot Ion:163 Resp: 104084
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.3 8.3 12.5

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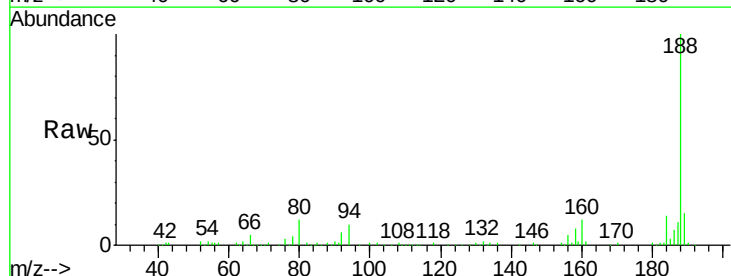


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

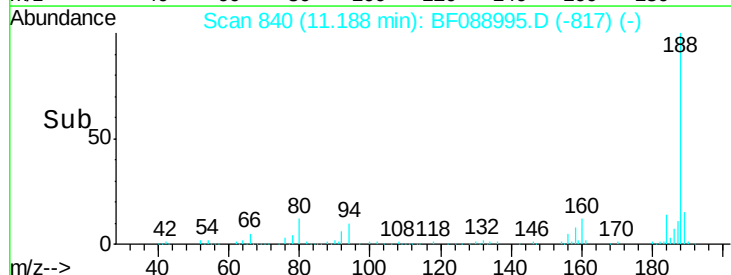
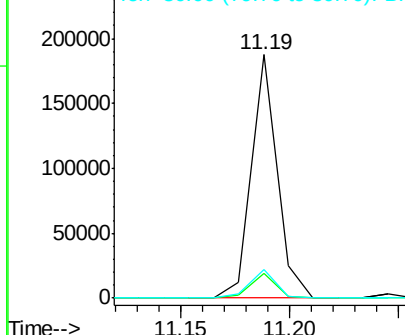


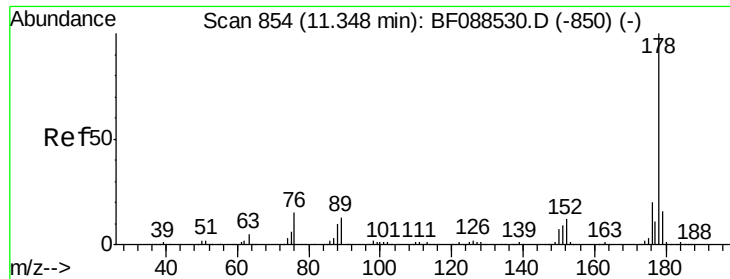
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion:188 Resp: 154379
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 11.7 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





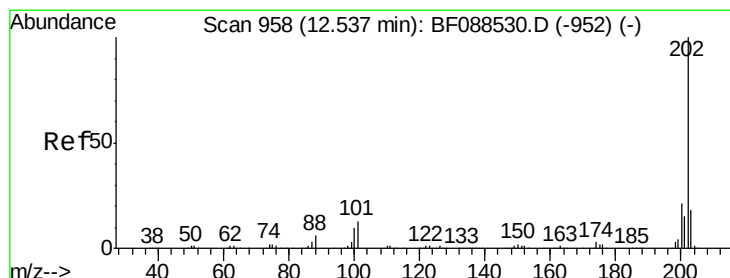
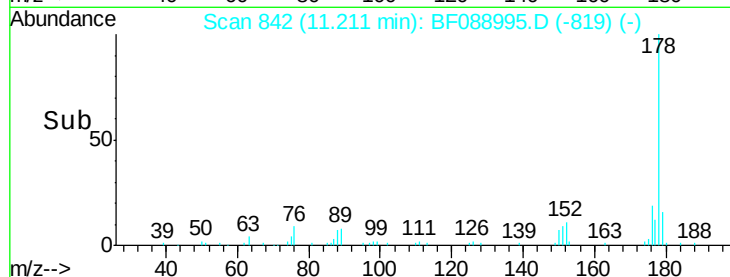
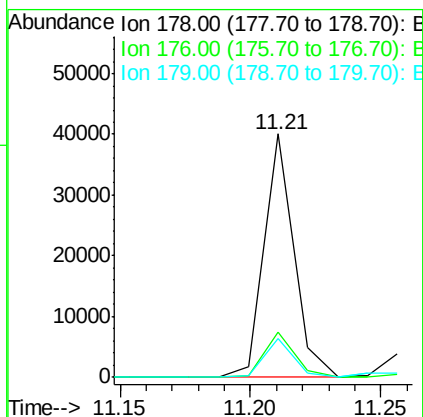
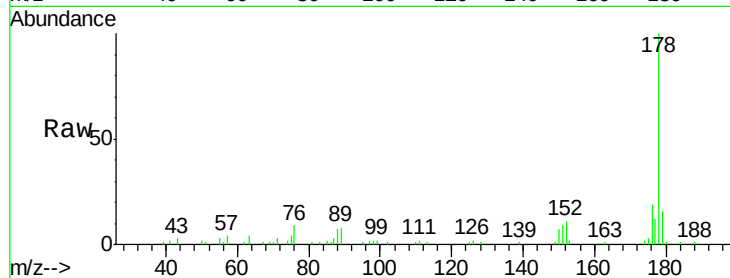
#70
Phenanthrene
Concen: 3.80 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Instrument :
BNA_F
ClientSampled :
B7-B3(0-12)C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.8	13.0	19.4

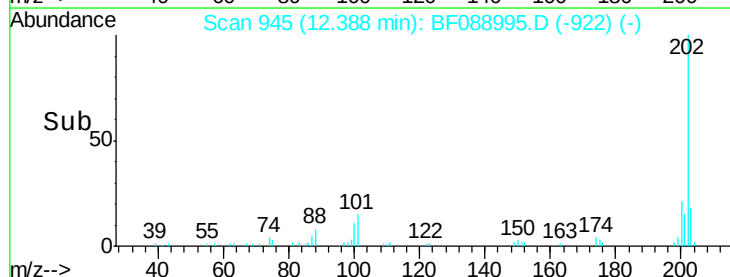
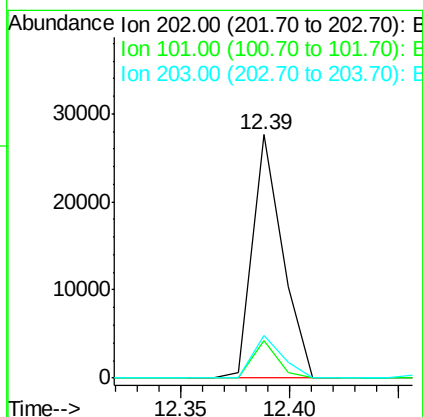
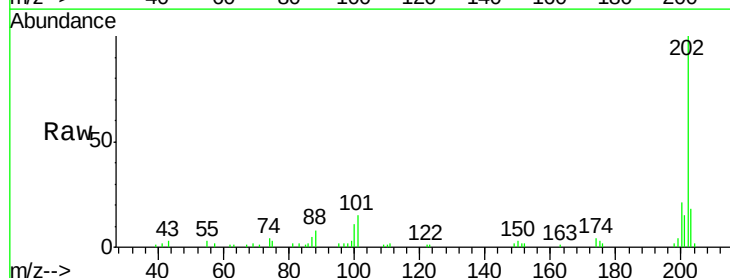
Manual Integrations

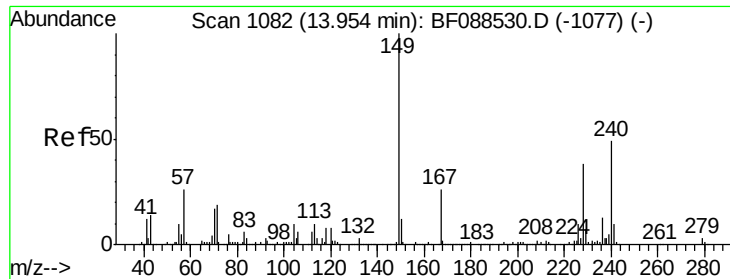
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#74
Fluoranthene
Concen: 3.09 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF088995.D
Acq: 14 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF088995.D

Acq: 14 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

B7-B3(0-12)C

Tot Ion:240 Resp: 103514

Ion Ratio Lower Upper

240 100

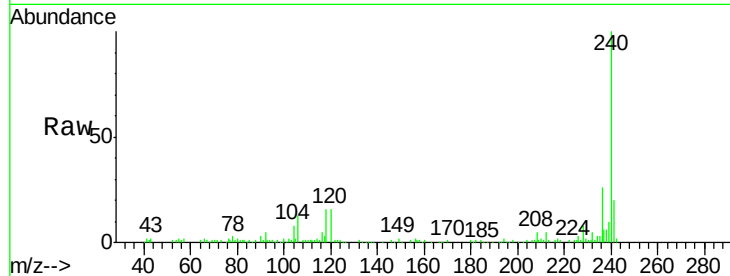
120 16.5 6.8 10.2#

236 26.3 20.2 30.2

Manual Integrations

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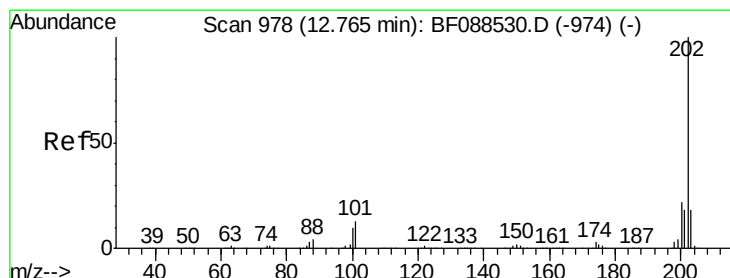
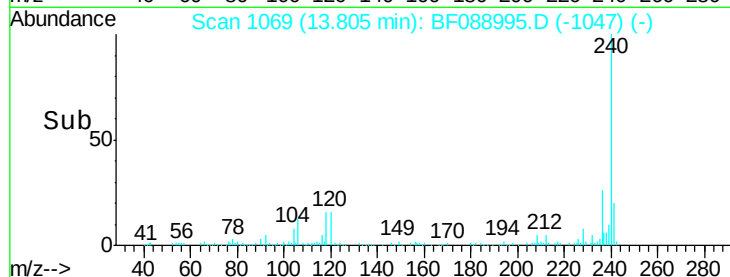
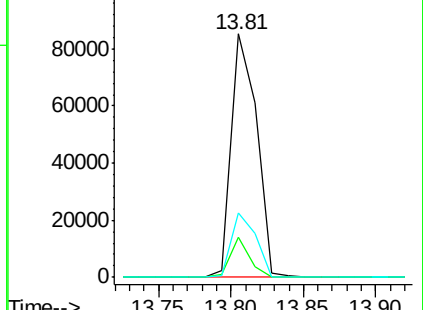
7/15/2016 9:16:27 AM



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



#77

Pyrene

Concen: 2.27 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF088995.D

Acq: 14 Jul 2016 19:48

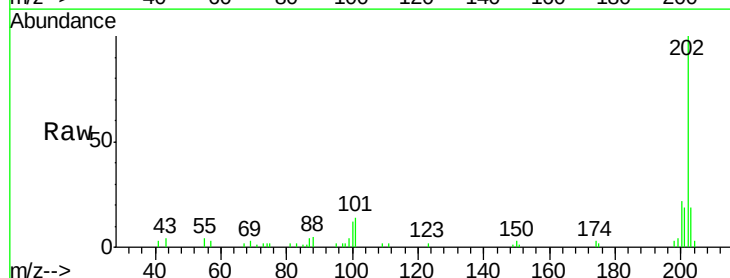
Tgt Ion:202 Resp: 19880

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

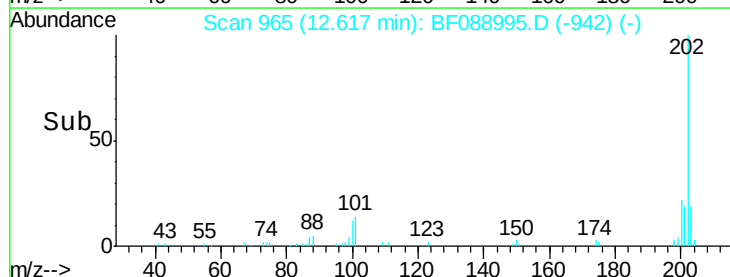
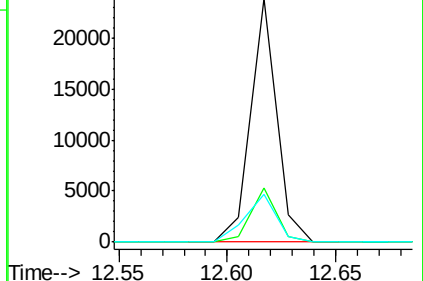
203 19.4 14.5 21.7

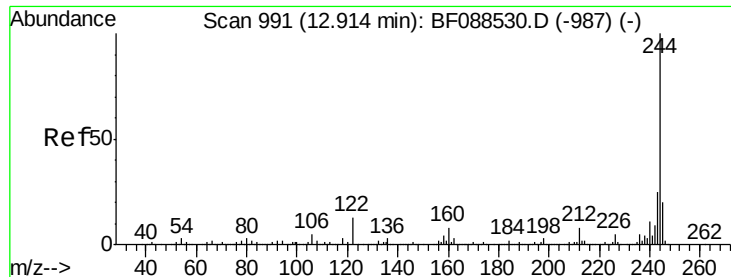


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





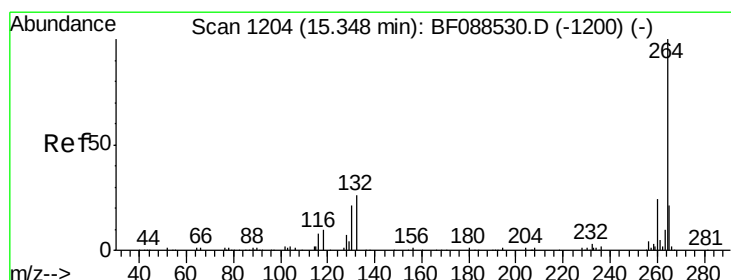
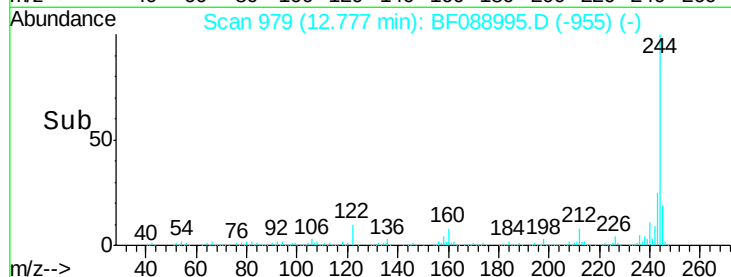
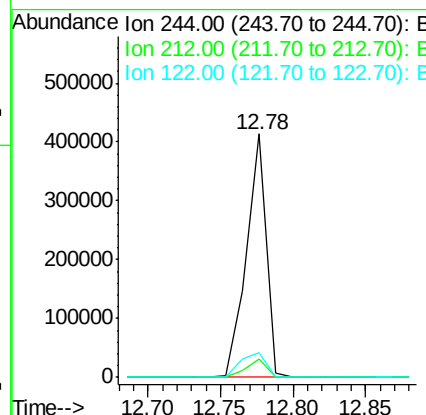
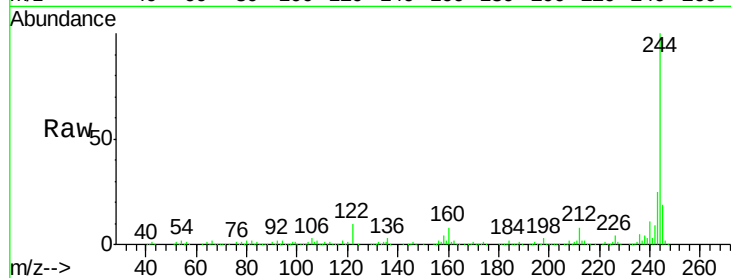
#78
 Terphenyl-d14
 Concen: 84.20 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 B7-B3(0-12)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	10.1	11.2	16.8

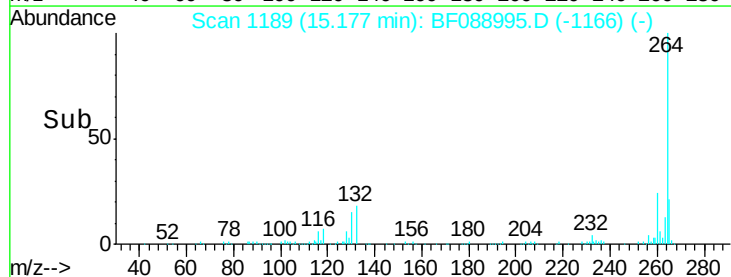
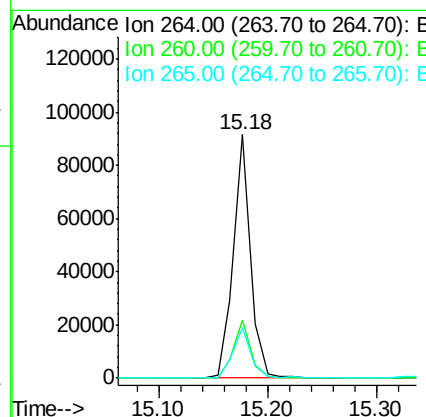
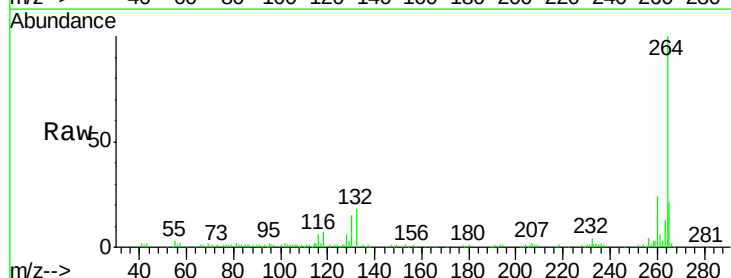
Manual Integrations

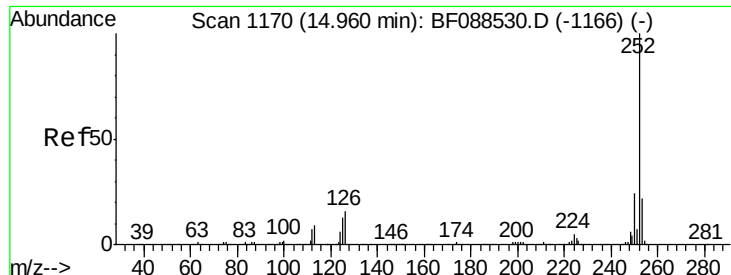
APPROVED
 Sohil
 7/15/2016 9:16:27 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	16.9	25.3





#87
 Benzo(b)fluoranthene
 Concen: 2.12 ng m
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF088995.D
 Acq: 14 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 B7-B3(0-12)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	16.4	7.1	10.7

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:27 AM

