

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088596.D
 Acq On : 2 Jul 2016 2:05
 Operator : UM/SJ
 Sample : H3816-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Manual Integrations
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Quant Time: Jul 05 04:10:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137802	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	499214	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	202245	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	320133	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	255275	20.00	ng	-0.01
86) Perylene-d12	15.35	264	199182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	750193	81.59	ng	0.01
7) Phenol-d6	6.44	99	1063201	89.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	614445	64.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	164004	87.33	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	973134	76.00	ng	0.00
78) Terphenyl-d14	12.90	244	592725	51.72	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	142893	9.92	ng	98
74) Fluoranthene	12.52	202	77519	4.37	ng	96
77) Pyrene	12.75	202	75034	3.47	ng	98
80) Benzo(a)anthracene	13.93	228	39843	2.42	ng	97
87) Benzo(b)fluoranthene	14.95	252	32439m	2.60	ng	

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

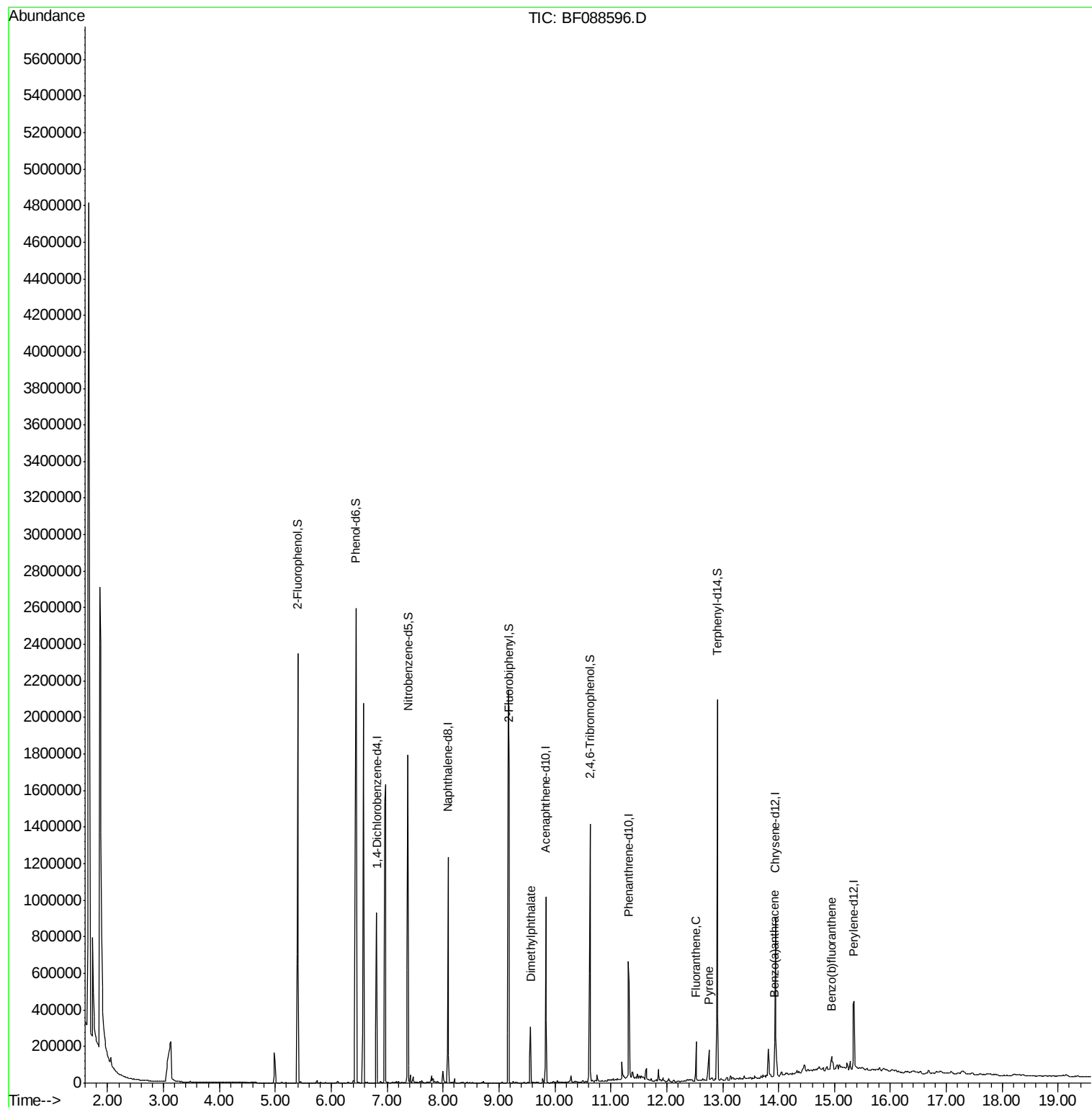
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088596.D
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Operator : UM/SJ
Sample : H3816-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

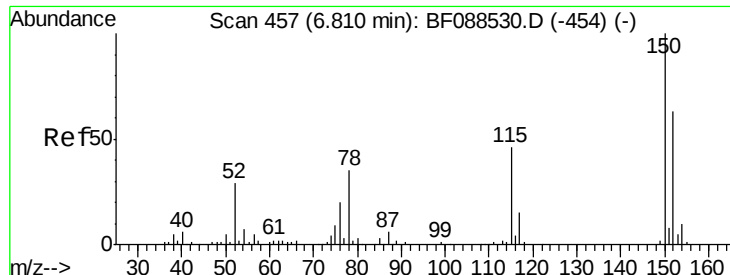
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088596.D

Acq: 2 Jul 2016 2:05

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion:152 Resp: 137802

Ion Ratio Lower Upper

152 100

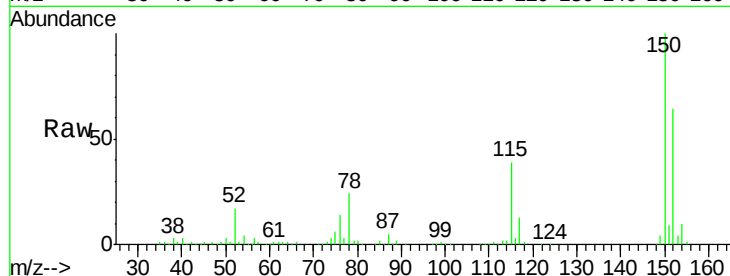
150 156.1 123.8 185.6

115 60.3 39.6 59.4#

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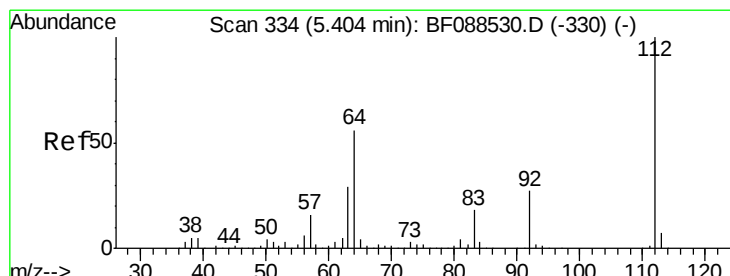
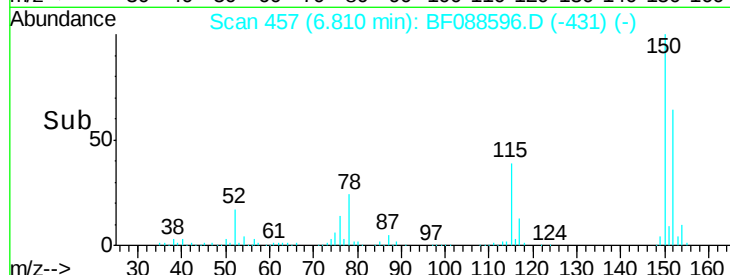
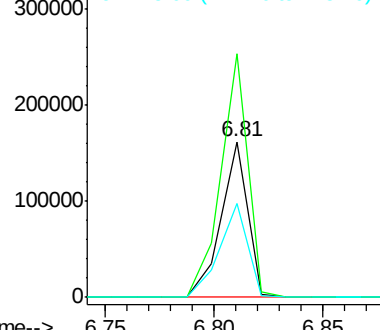
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 81.59 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF088596.D

Acq: 2 Jul 2016 2:05

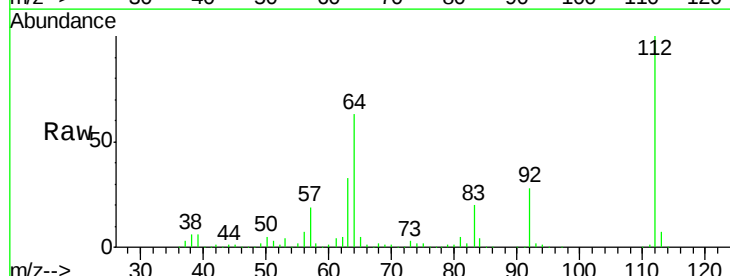
Tgt Ion:112 Resp: 750193

Ion Ratio Lower Upper

112 100

64 62.8 42.2 63.2

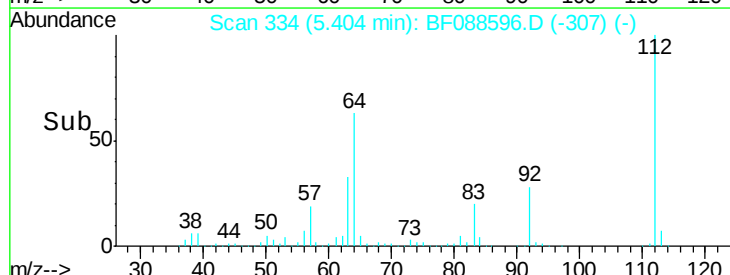
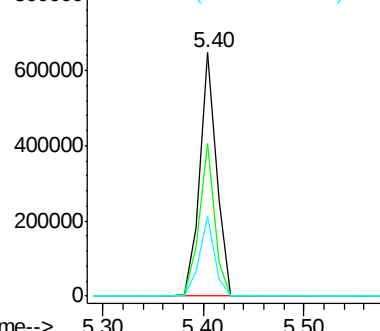
63 32.7 21.8 32.8



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: 89.49 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088596.D

Acq: 2 Jul 2016 2:05

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion: 99 Resp: 1063201

Ion Ratio Lower Upper

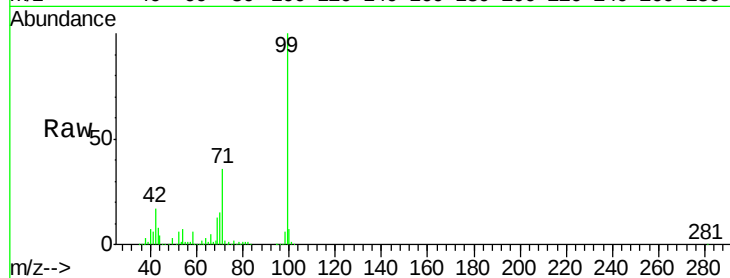
99 100

42 17.2 12.2 18.2

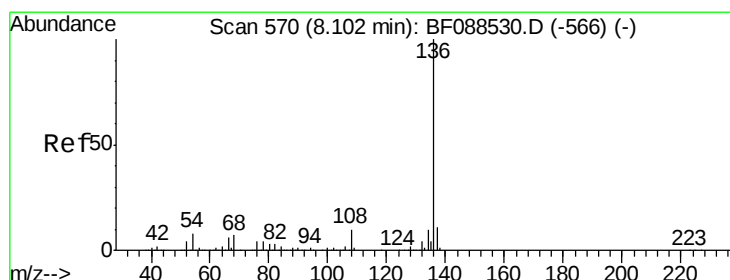
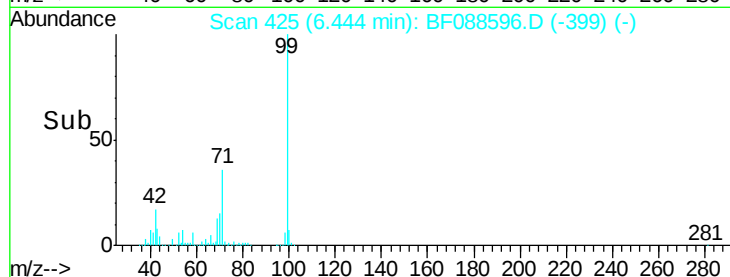
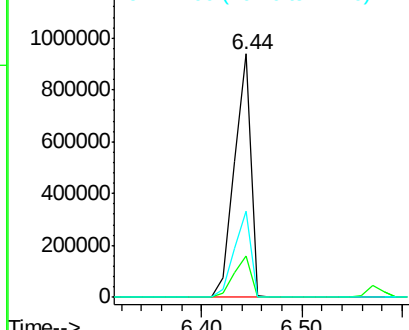
71 35.6 23.4 35.0#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF088596.D

Acq: 2 Jul 2016 2:05

Tgt Ion: 136 Resp: 499214

Ion Ratio Lower Upper

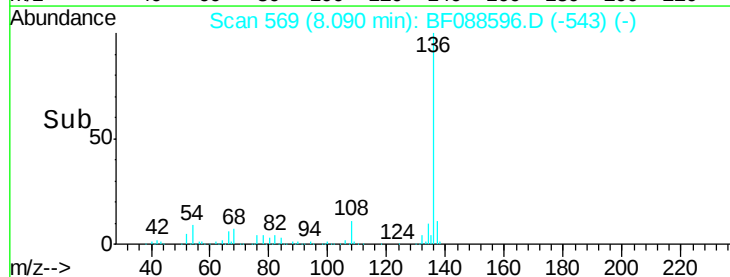
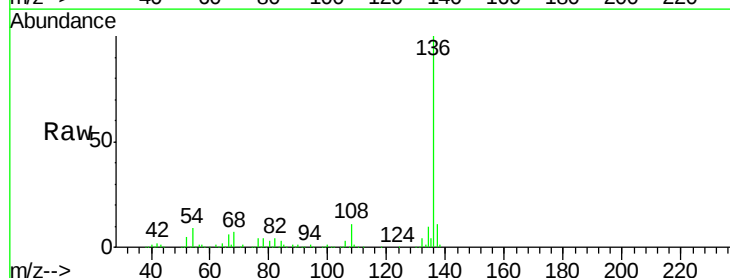
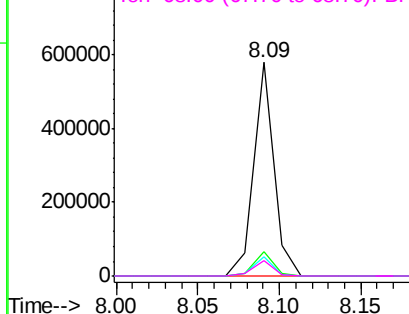
136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





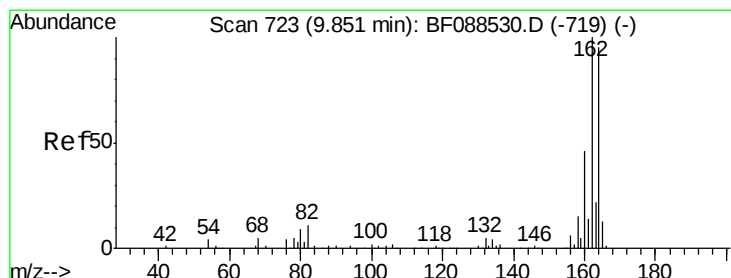
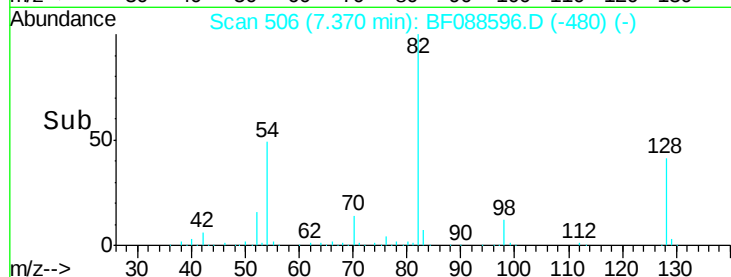
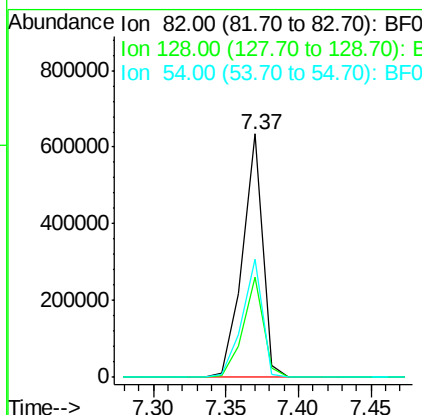
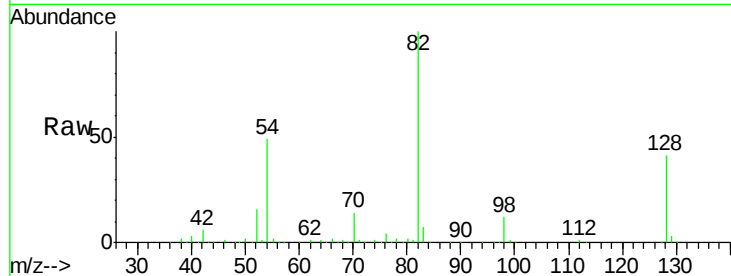
#23
 Nitrobenzene-d5
 Concen: 64.50 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	614445		
128	41.3	35.9	53.9	
54	48.5	40.9	61.3	

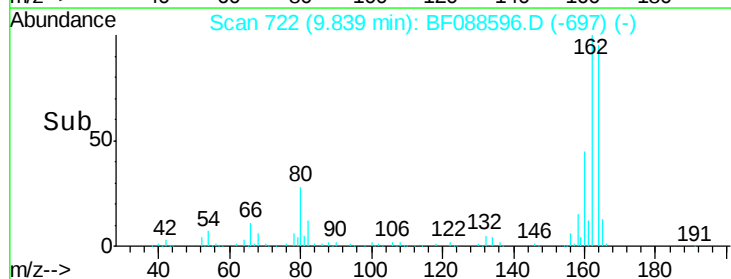
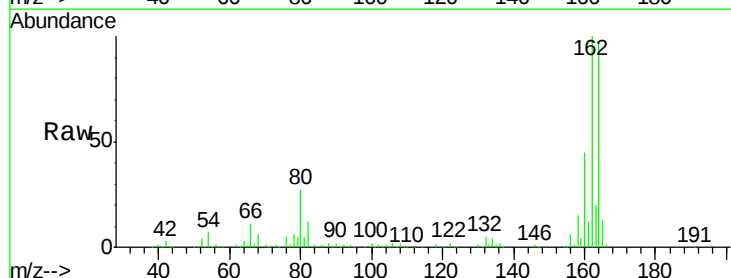
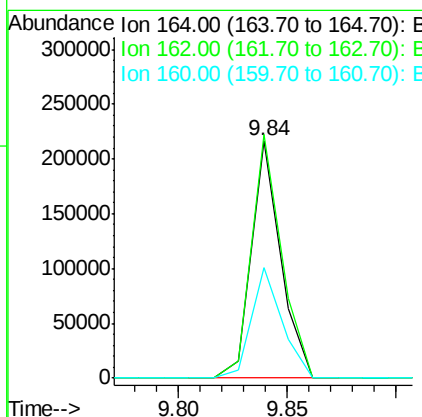
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202245		
162	102.6	85.4	128.2	
160	46.3	39.5	59.3	





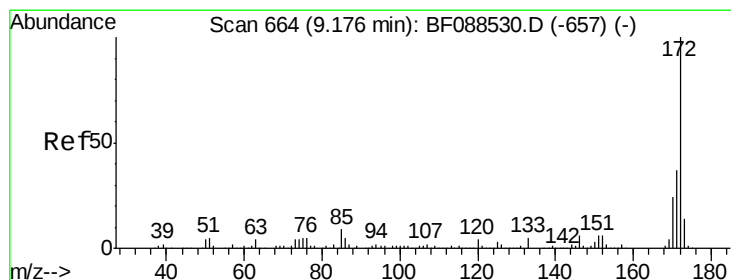
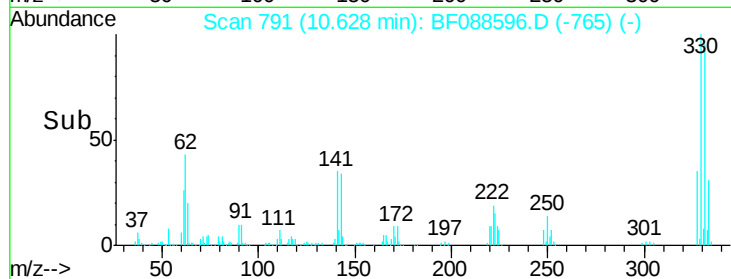
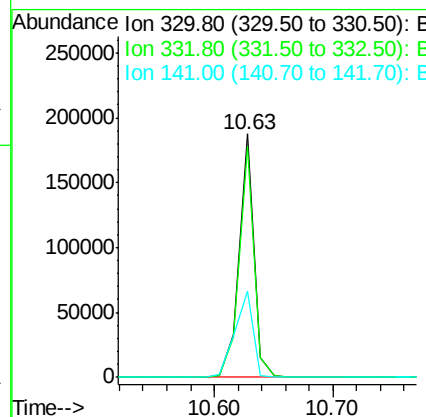
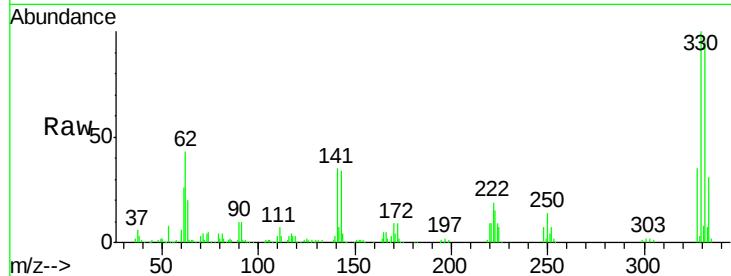
#41
 2,4,6-Tribromophenol
 Concen: 87.33 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Instrument :
 BNA_F
 ClientSampleID :
 SB-05-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.4	0.0	0.0#
141	42.8	0.0	0.0#

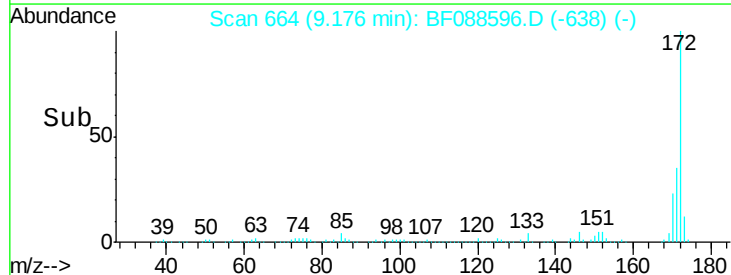
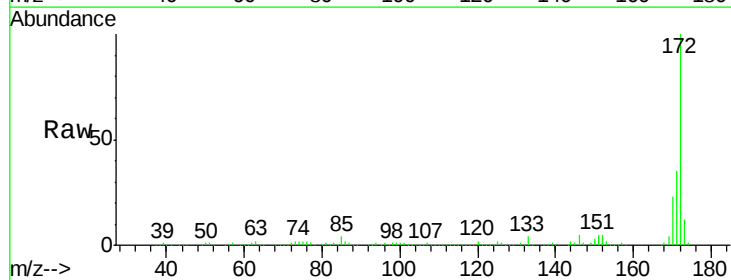
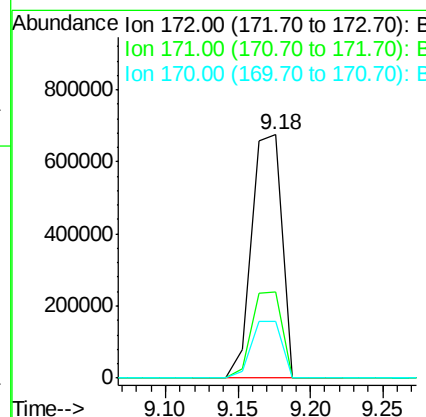
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#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

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





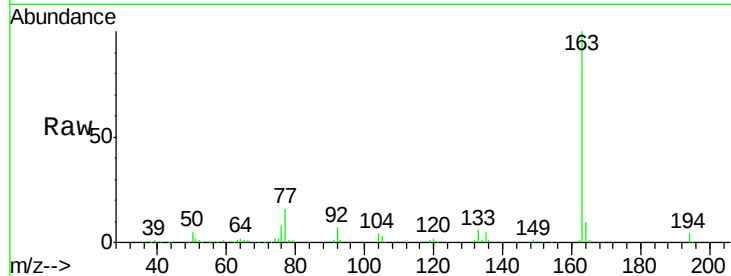
#49
Dimethylphthalate
Concen: 9.92 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088596.D
Acq: 2 Jul 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

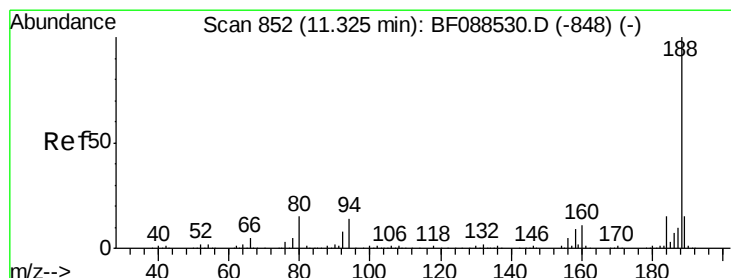
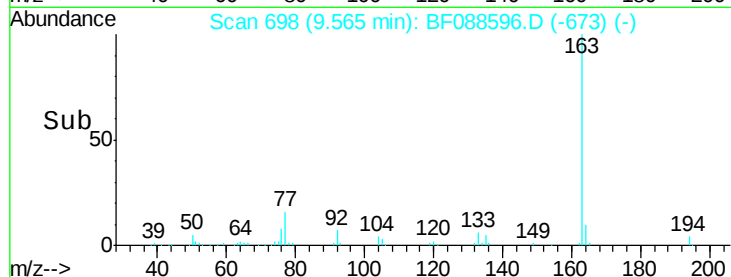
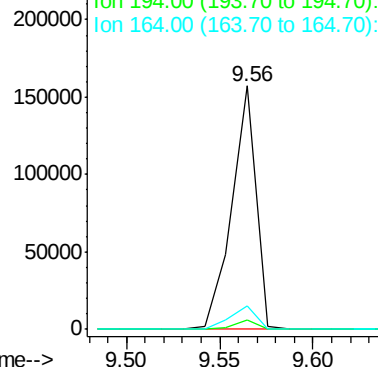
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.8	4.2
164	9.5	8.3	12.5

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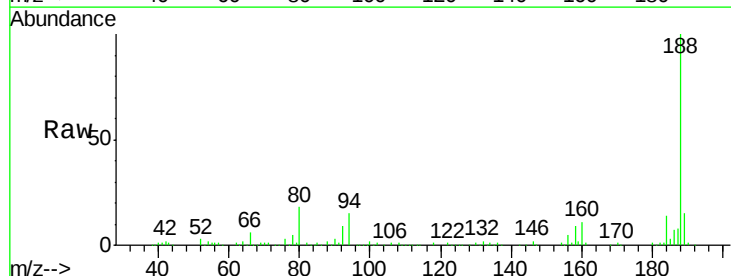


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

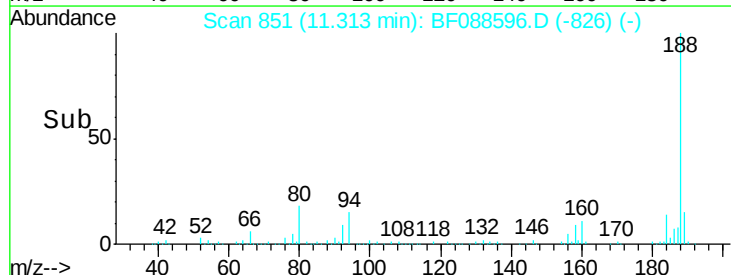
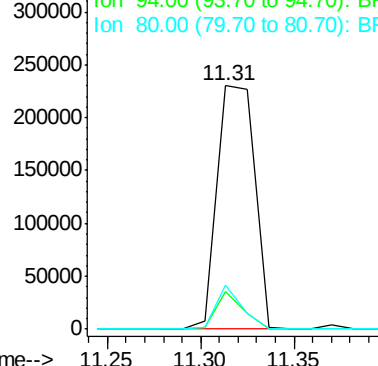


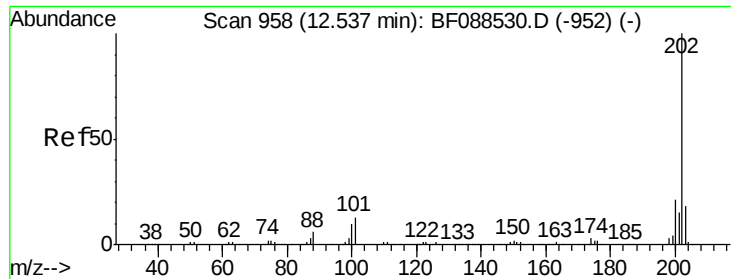
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088596.D
Acq: 2 Jul 2016 2:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	15.4	9.0	13.6#
80	18.3	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





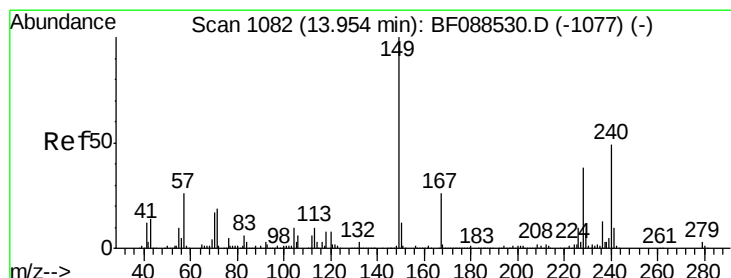
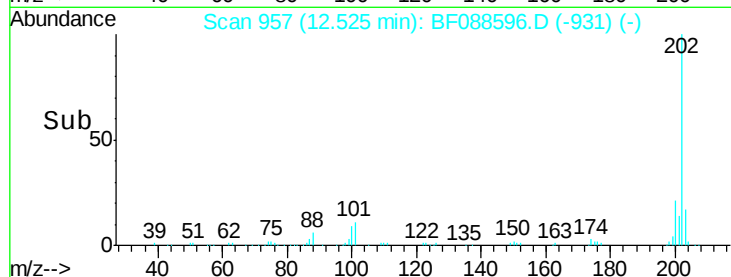
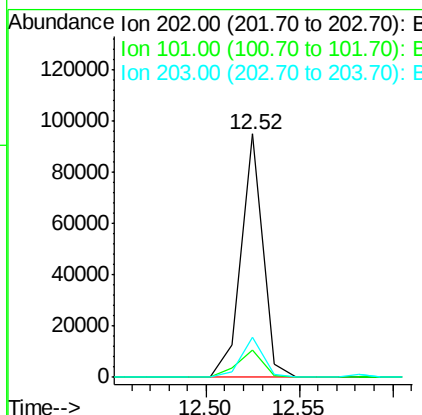
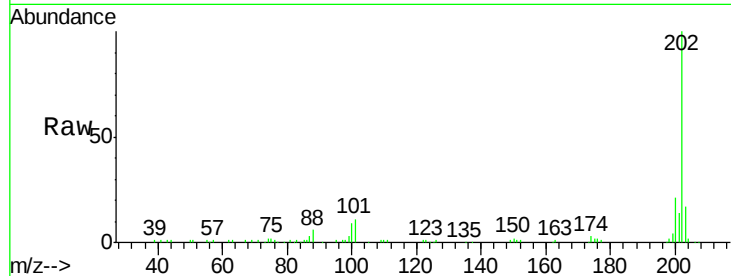
#74
Fluoranthene
 Concen: 4.37 ng
 RT: 12.52 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	33.1
203	16.7	0.0	38.1

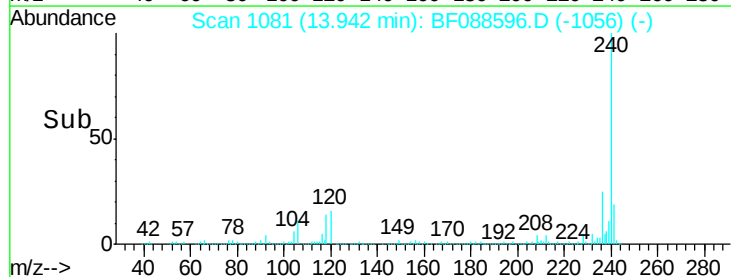
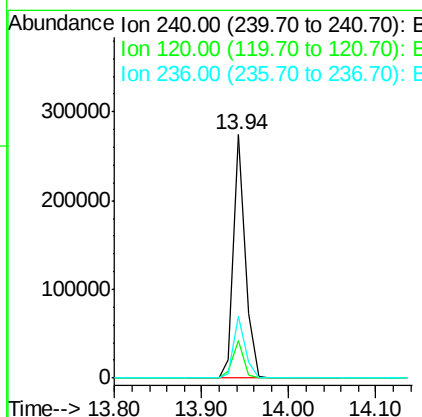
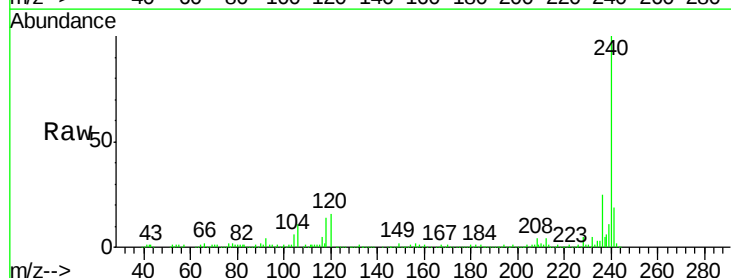
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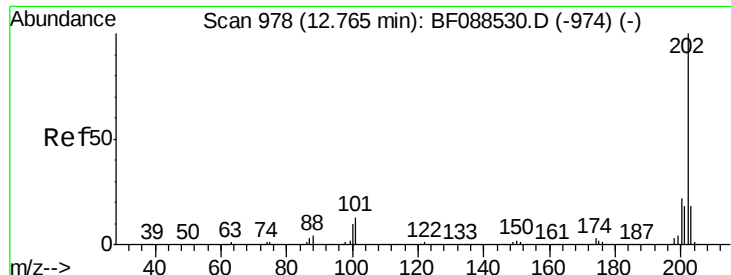
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	6.8	10.2#
236	25.5	20.2	30.2





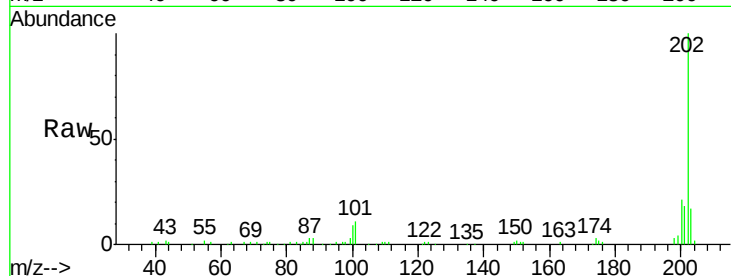
#77
 Pyrene
 Concen: 3.47 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

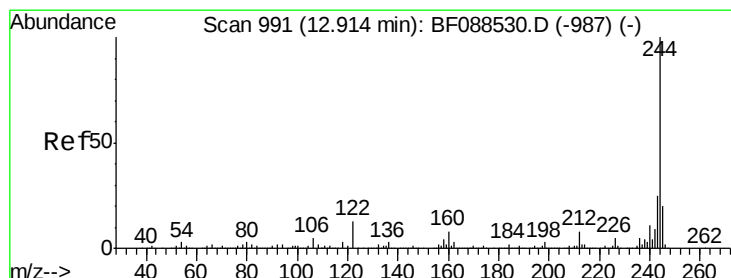
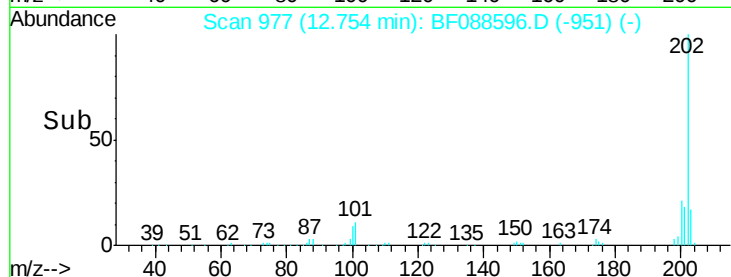
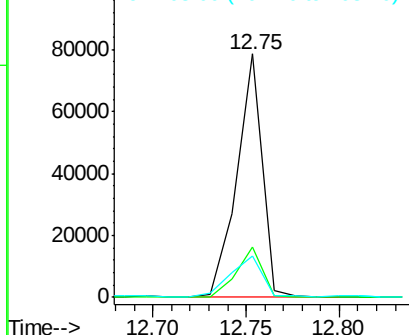
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.2	14.5	21.7

Manual Integrations
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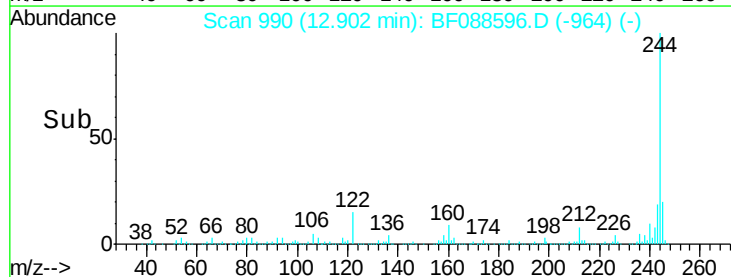
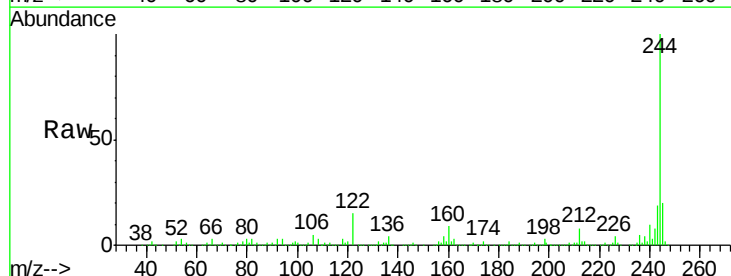
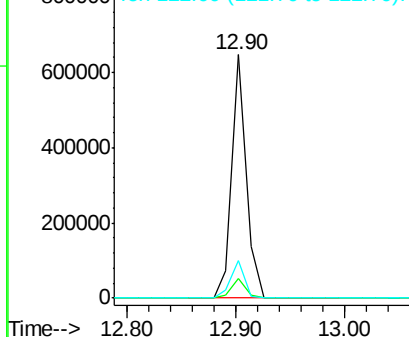
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

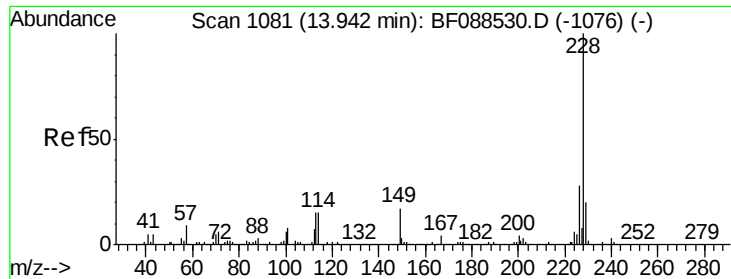


#78
 Terphenyl-d14
 Concen: 51.72 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.2	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





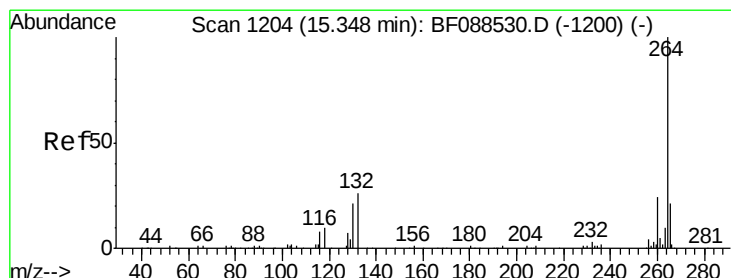
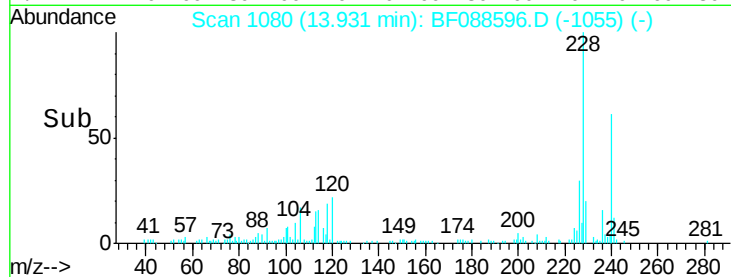
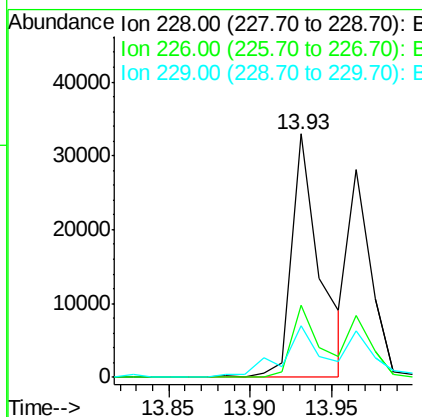
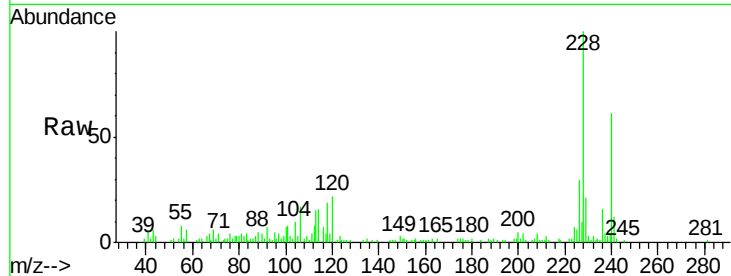
#80
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088596.D
Acq: 2 Jul 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	21.2	16.0	24.0

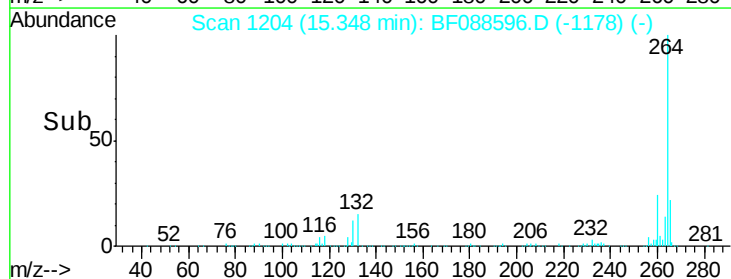
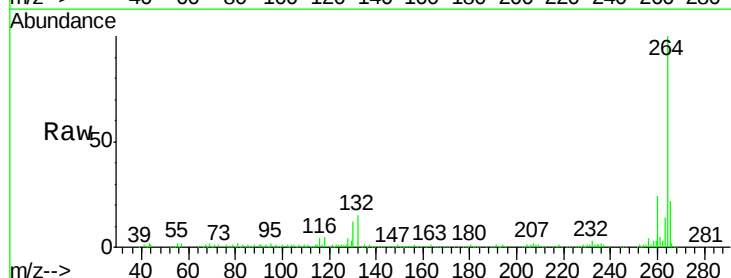
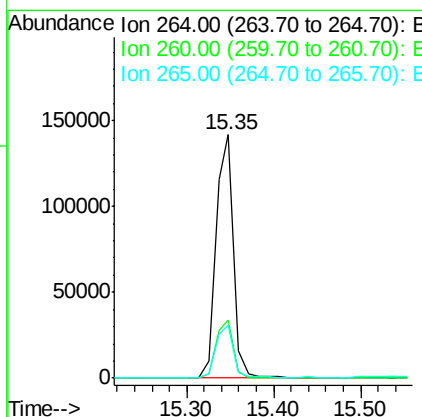
Manual Integrations
APPROVED

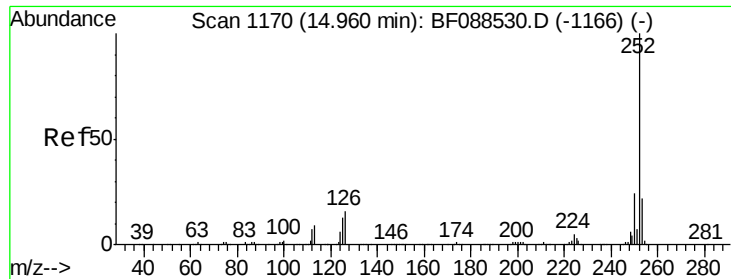
sohil
7/5/2016 7:31:31 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088596.D
Acq: 2 Jul 2016 2:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3





#87
 Benzo(b)fluoranthene
 Concen: 2.60 ng m
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF088596.D
 Acq: 2 Jul 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	15.9	7.1	10.7

Manual Integrations
 APPROVED

sohil
 7/5/2016 7:31:31 PM

