

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088309.D
 Acq On : 24 Jun 2016 1:05
 Operator : UM/SJ
 Sample : H3682-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(3.5-4)

Manual Integrations
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Quant Time: Jun 24 03:24:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	80222m	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	317371	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	146667	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	261497	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	185444	20.00	ng	-0.02
86) Perylene-d12	15.09	264	162905	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	655108	139.60	ng	0.02
7) Phenol-d6	6.27	99	831344	146.18	ng	0.01
23) Nitrobenzene-d5	7.16	82	461098	84.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	183087	118.22	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	705875	74.95	ng	-0.01
78) Terphenyl-d14	12.68	244	537103	65.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.36	163	281922	26.54	ng	Qvalue 100
74) Fluoranthene	12.31	202	34446	2.38	ng	98
77) Pyrene	12.54	202	45271	3.29	ng	97
82) Chrysene	13.76	228	25227	2.54	ng	98
87) Benzo(b)fluoranthene	14.73	252	25063m	2.21	ng	

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

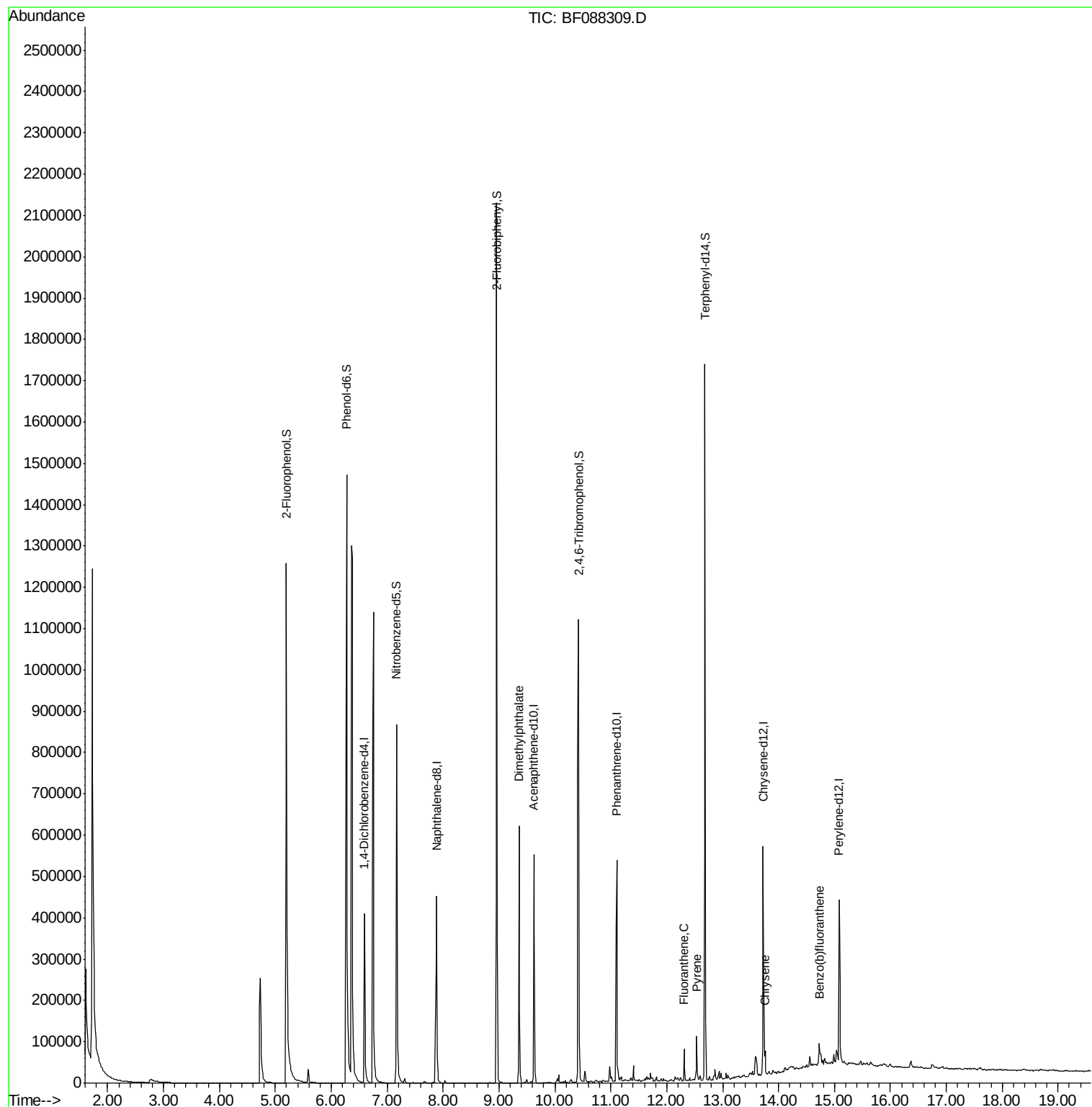
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088309.D
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ALS Vial : 17 Sample Multiplier: 1

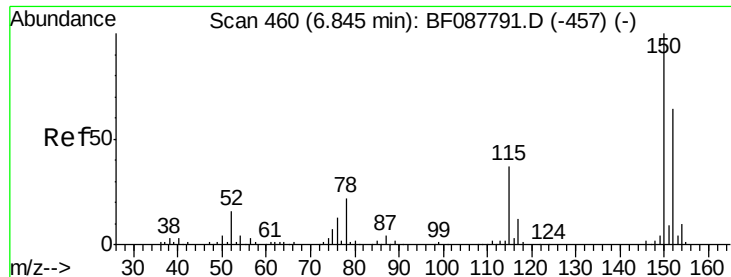
Instrument :
BNA_F
ClientSampleId :
SB-2(3.5-4)

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#1

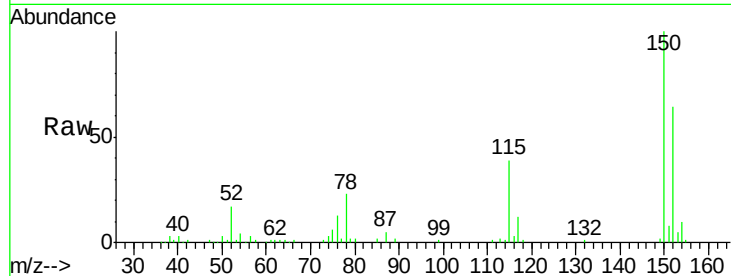
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF088309.D
Acq: 24 Jun 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-2(3.5-4)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.6
115	60.4	39.6	59.4

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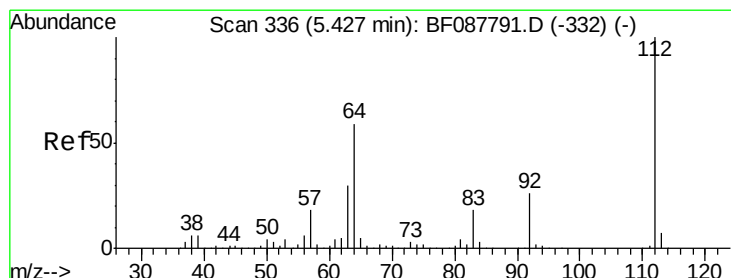
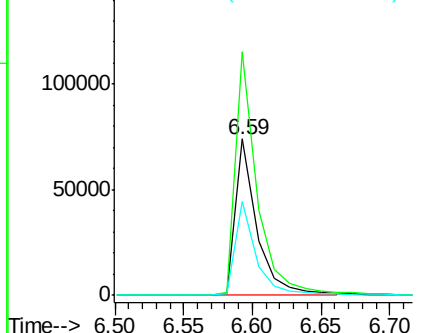
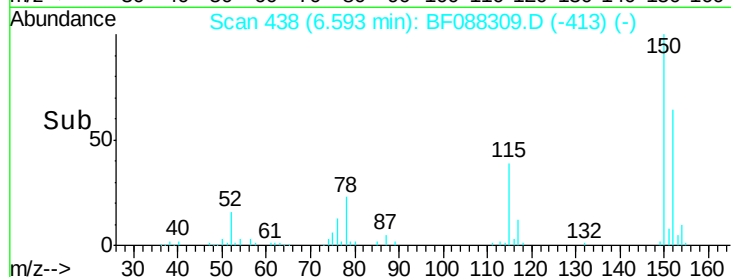


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

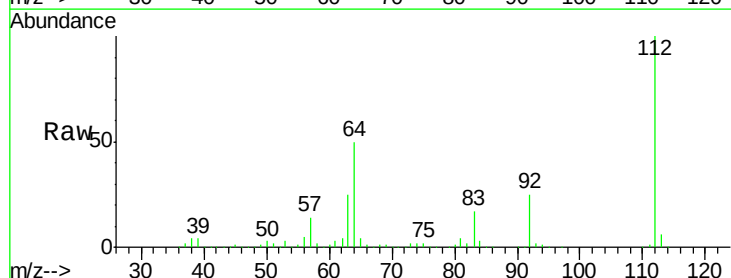
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.60 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088309.D
Acq: 24 Jun 2016 1:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	42.2	63.2
63	25.2	21.8	32.8

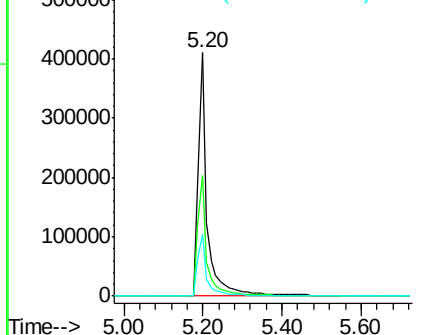
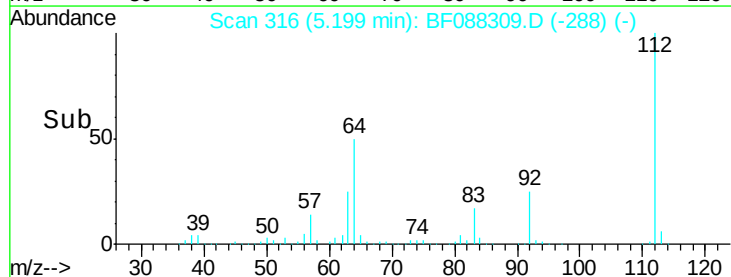


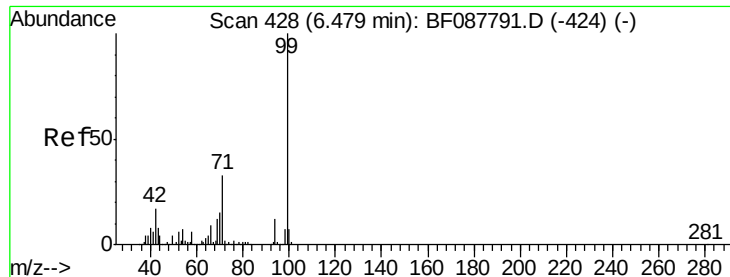
Abundance

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





#7

Phenol-d6

Concen: 146.18 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Instrument :

BNA_F

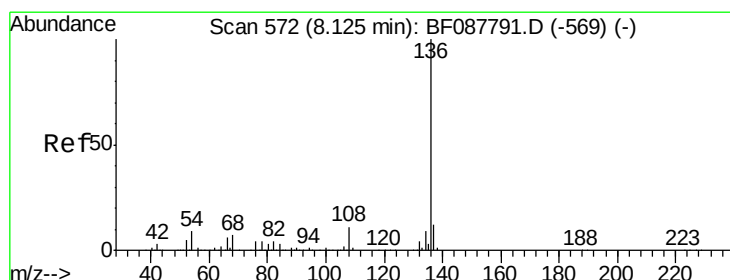
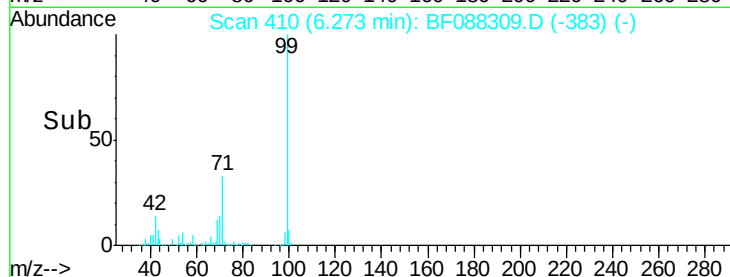
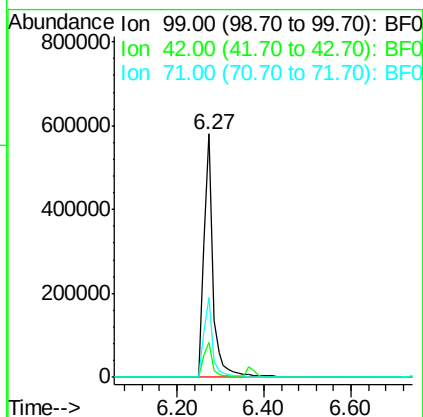
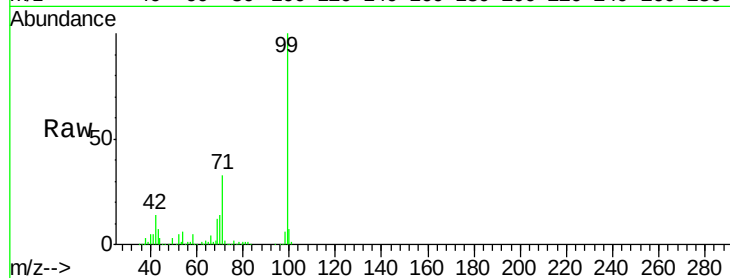
ClientSampleId :

SB-2(3.5-4)

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	831344		
42	14.2	12.2	18.2	
71	32.8	23.4	35.0	



#21

Naphthalene-d8

Concen: 20.00 ng

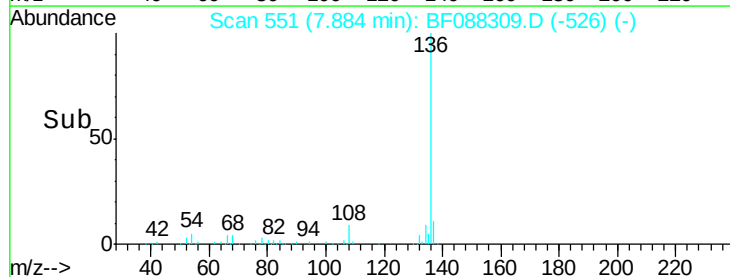
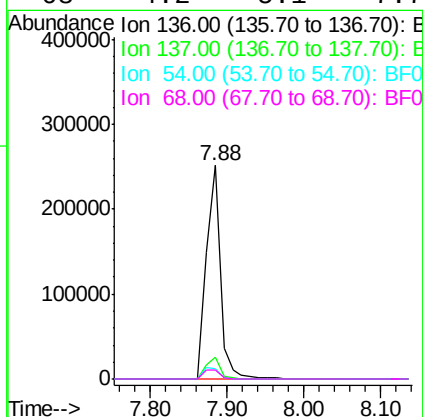
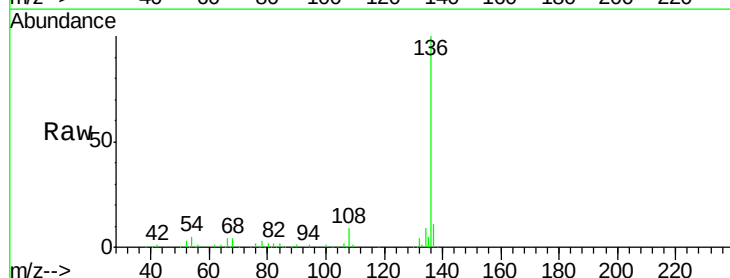
RT: 7.88 min Scan# 551

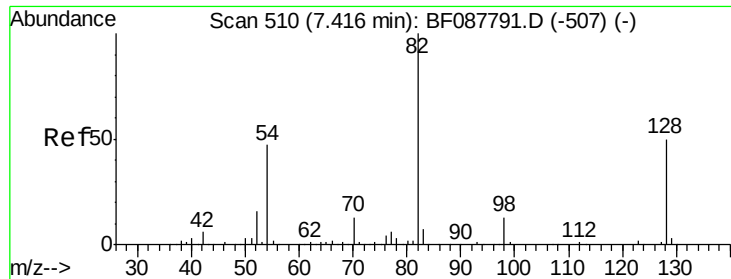
Delta R.T. -0.01 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	317371		
137	10.5	9.1	13.7	
54	4.9	6.6	10.0#	
68	4.2	5.1	7.7#	





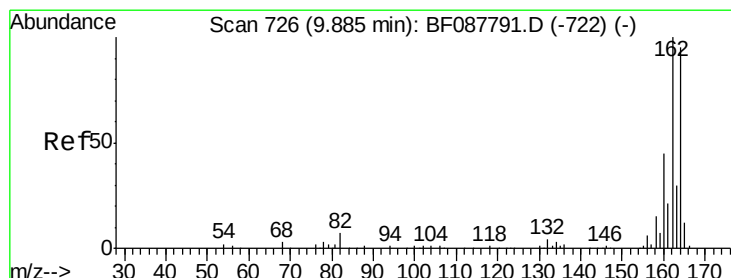
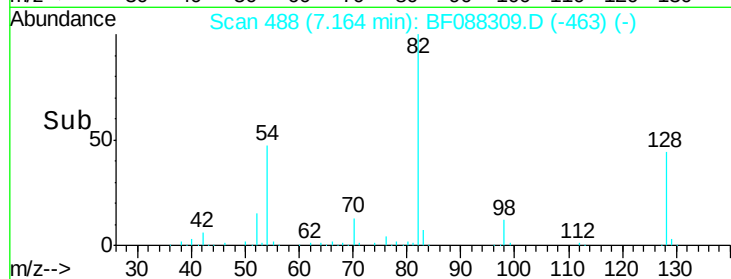
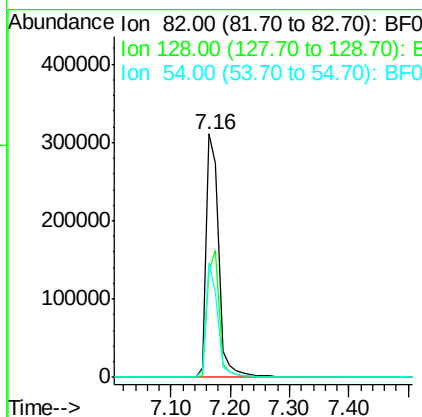
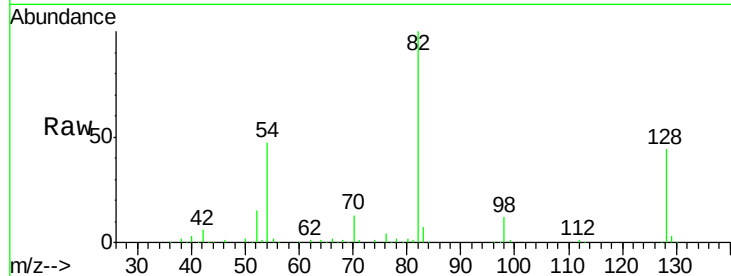
#23
 Nitrobenzene-d5
 Concen: 84.84 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088309.D
 Acq: 24 Jun 2016 1:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(3.5-4)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	461098		
128	43.6	35.9	53.9	
54	46.9	40.9	61.3	

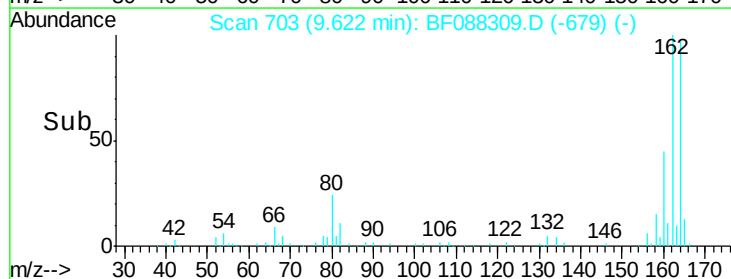
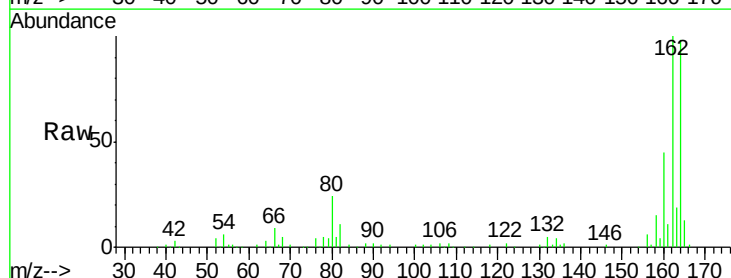
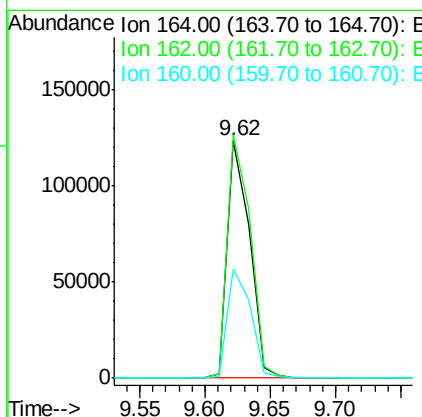
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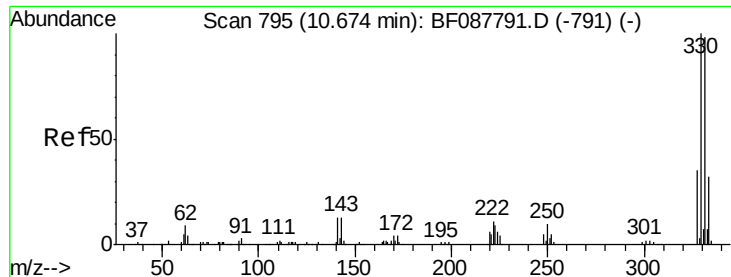
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF088309.D
 Acq: 24 Jun 2016 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146667		
162	102.5	85.4	128.2	
160	46.1	39.5	59.3	





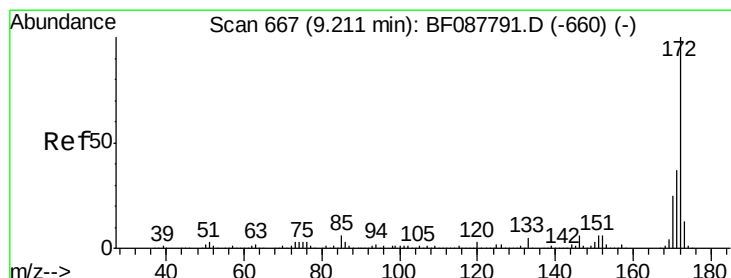
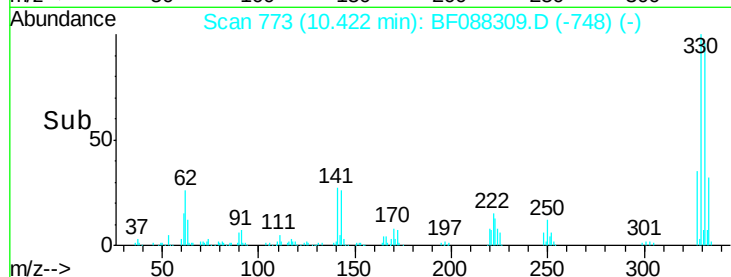
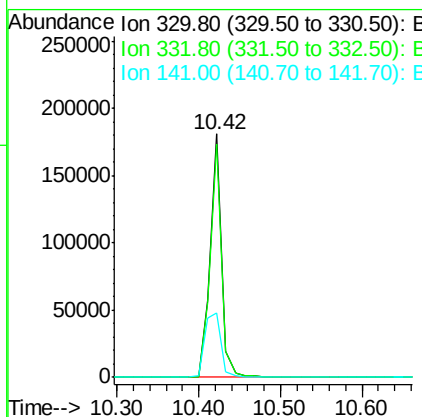
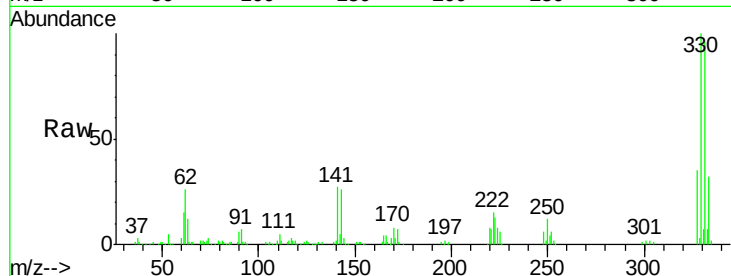
#41
 2,4,6-Tribromophenol
 Concen: 118.22 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088309.D
 Acq: 24 Jun 2016 1:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(3.5-4)

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	0.0	0.0#
141	37.2	0.0	0.0#

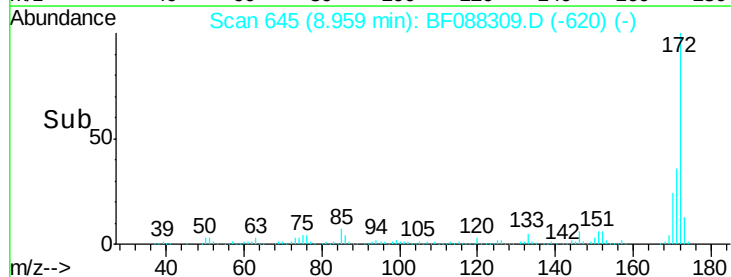
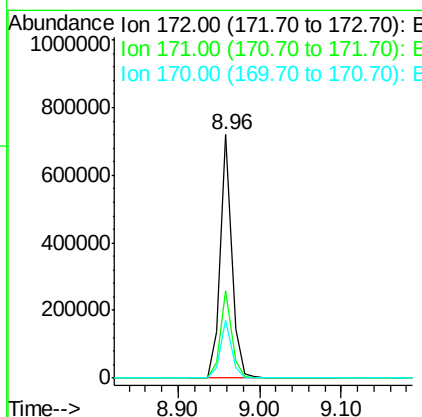
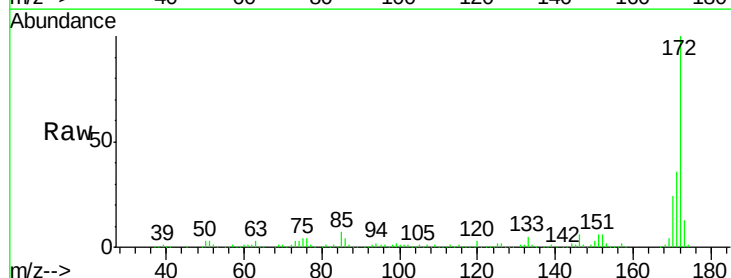
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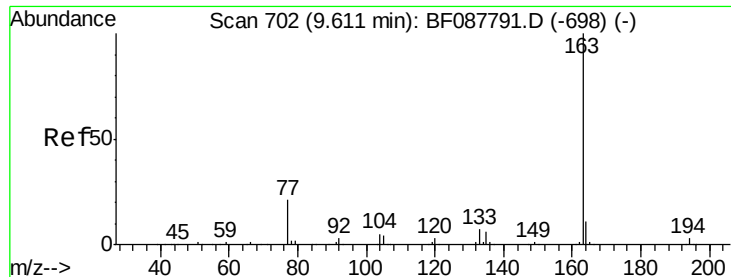
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#44
 2-Fluorobiphenyl
 Concen: 74.95 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088309.D
 Acq: 24 Jun 2016 1:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8





#49

Dimethylphthalate

Concen: 26.54 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Instrument :

BNA_F

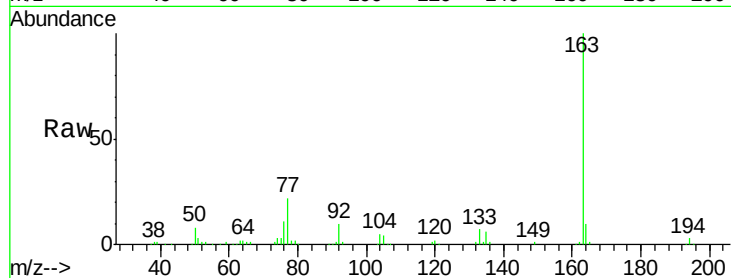
ClientSampleId :

SB-2(3.5-4)

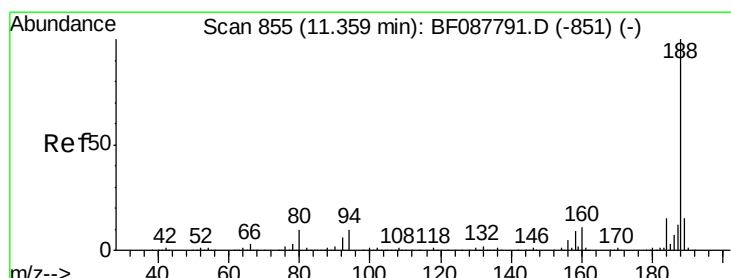
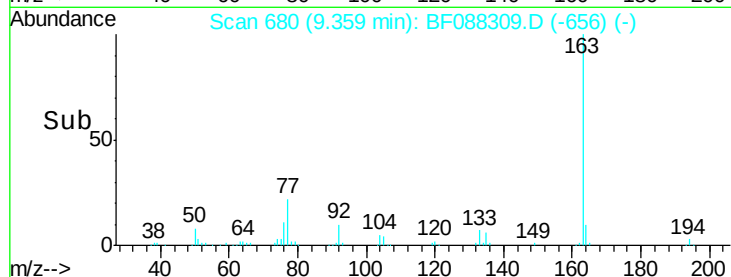
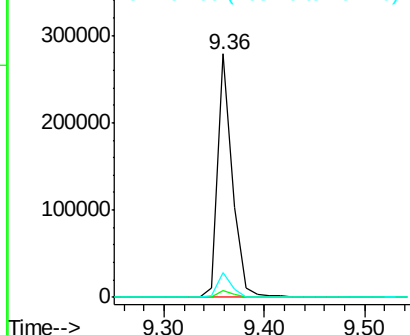
Tgt Ion:	163	Resp:	281922
Ion Ratio		Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.4	8.3	12.5

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



#63

Phenanthrene-d10

Concen: 20.00 ng

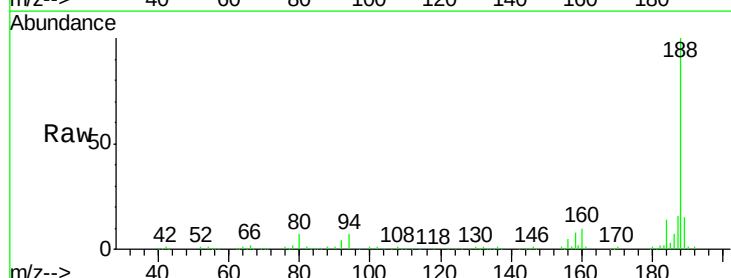
RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

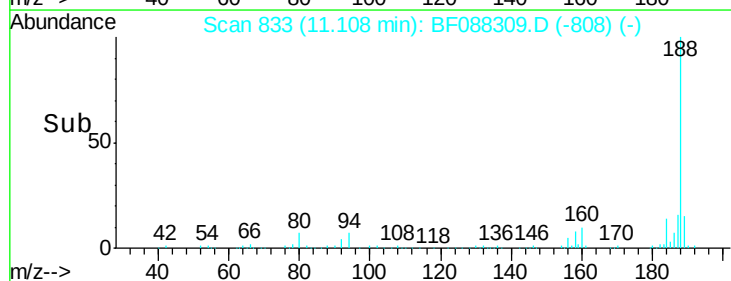
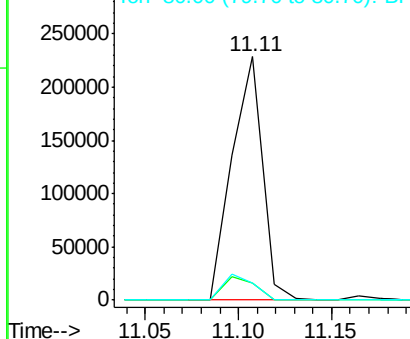
Lab File: BF088309.D

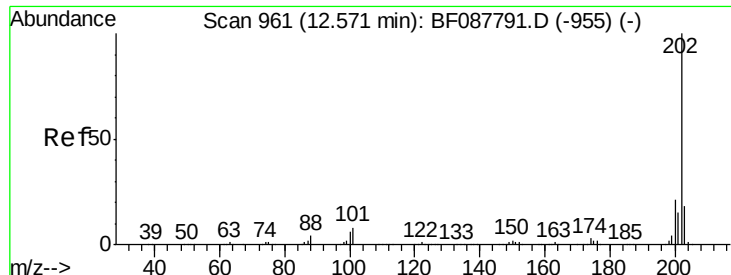
Acq: 24 Jun 2016 1:05

Tgt Ion:	188	Resp:	261497
Ion Ratio		Lower	Upper
188	100		
94	7.2	9.0	13.6#
80	7.1	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





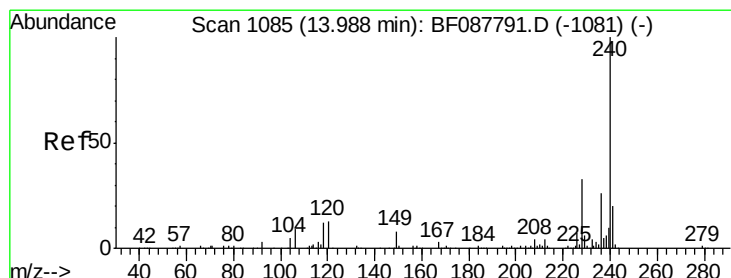
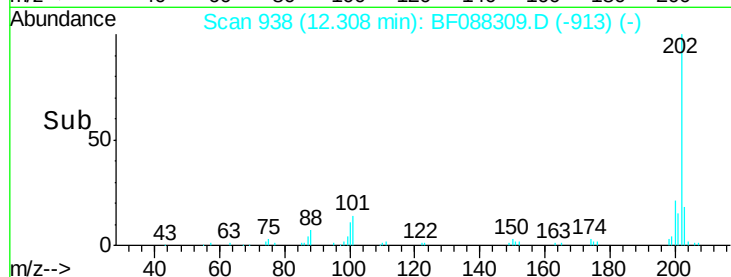
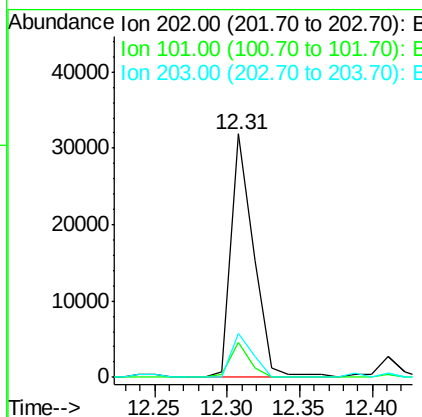
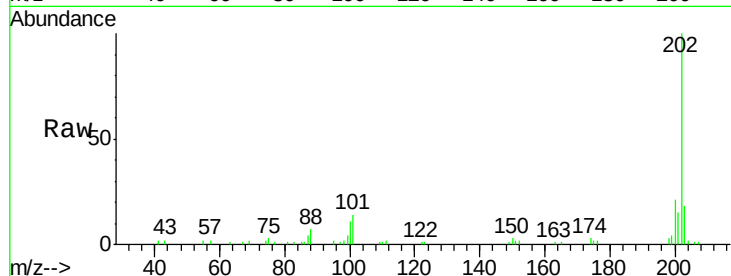
#74
Fluoranthene
Concen: 2.38 ng
RT: 12.31 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF088309.D
Acq: 24 Jun 2016 1:05

Instrument :
BNA_F
ClientSampleId :
SB-2(3.5-4)

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	0.0	33.1
203	18.0	0.0	38.1

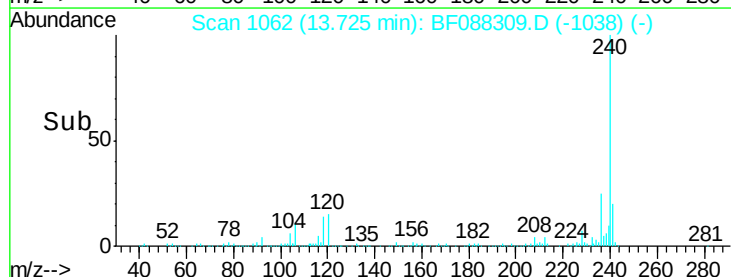
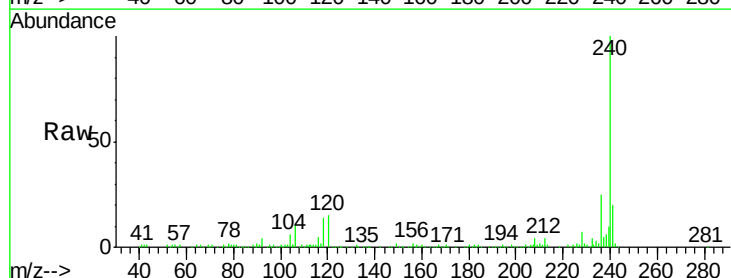
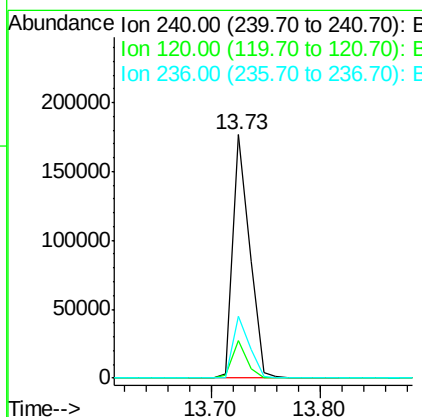
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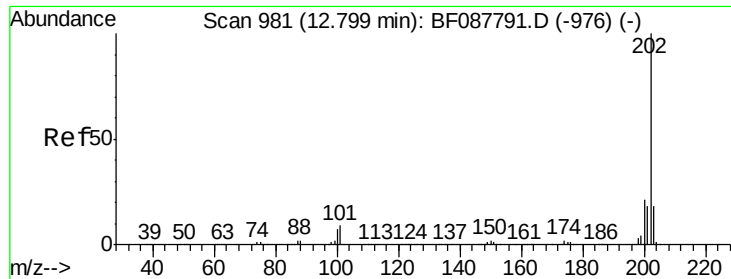
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088309.D
Acq: 24 Jun 2016 1:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.3	6.8	10.2#
236	25.4	20.2	30.2





#77

Pyrene

Concen: 3.29 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Instrument :

BNA_F

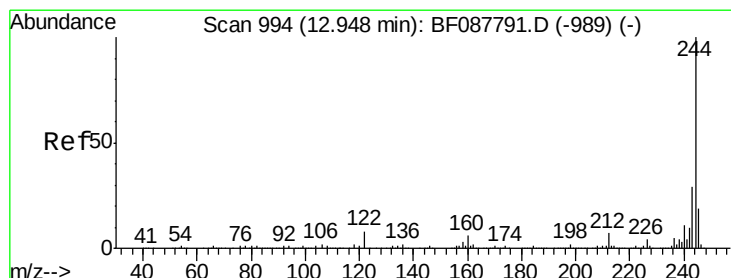
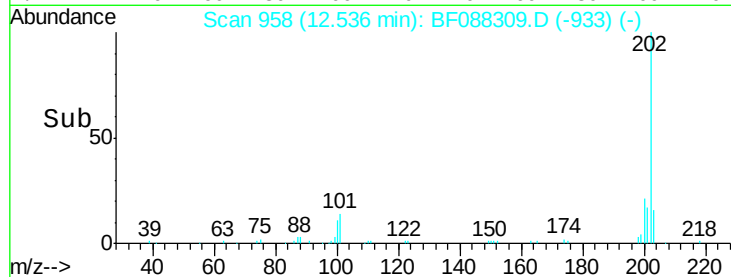
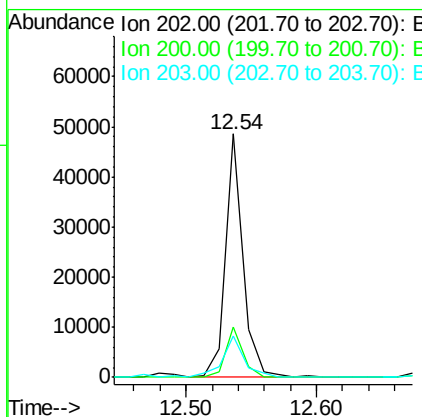
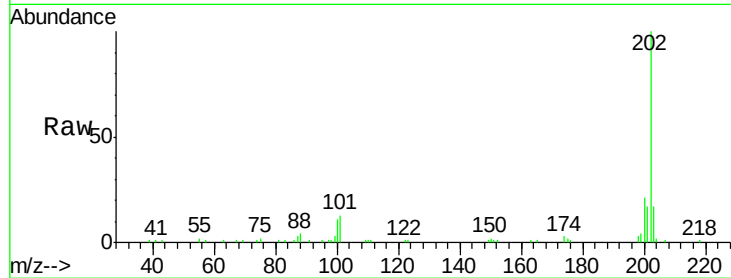
ClientSampleId :

SB-2(3.5-4)

Tgt Ion:	202	Resp:	45271
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	16.9	14.5	21.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 65.91 ng

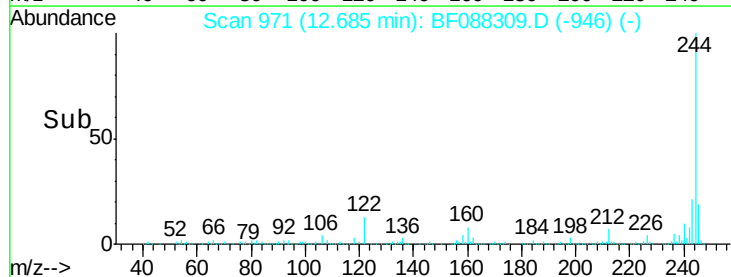
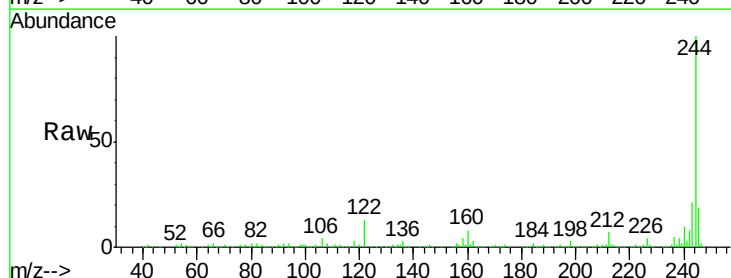
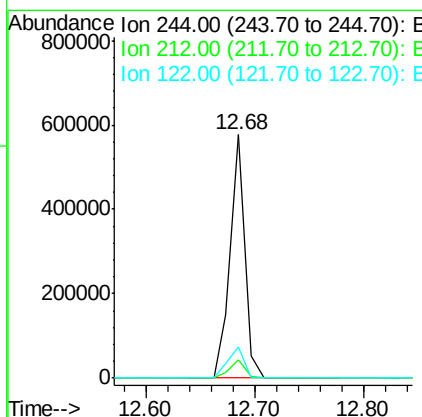
RT: 12.68 min Scan# 971

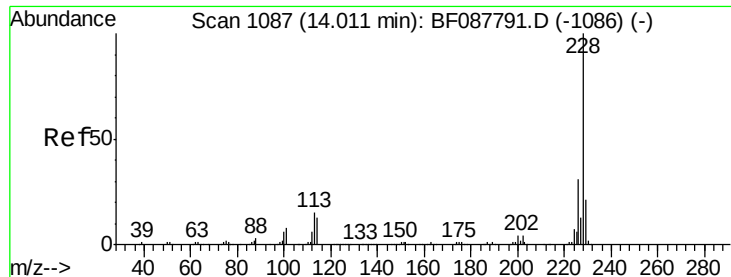
Delta R.T. -0.01 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Tgt Ion:	244	Resp:	537103
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	12.7	11.2	16.8





#82

Chrysene

Concen: 2.54 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Instrument :

BNA_F

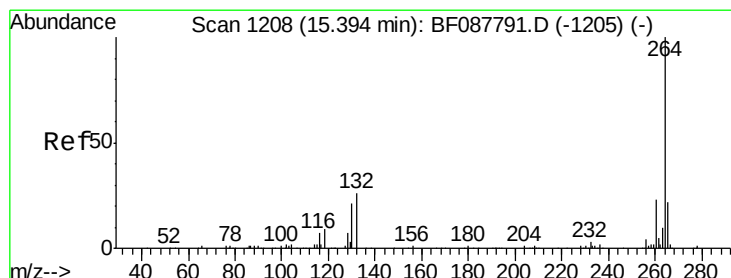
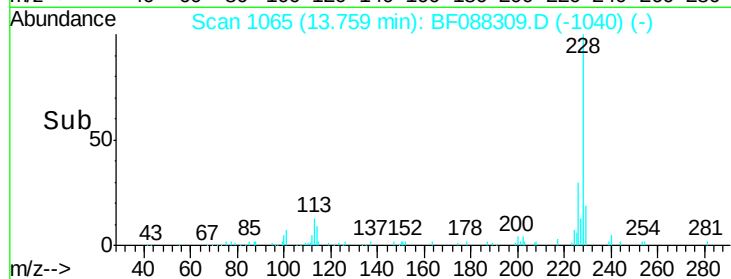
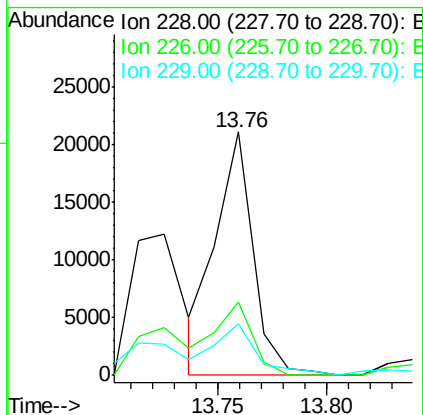
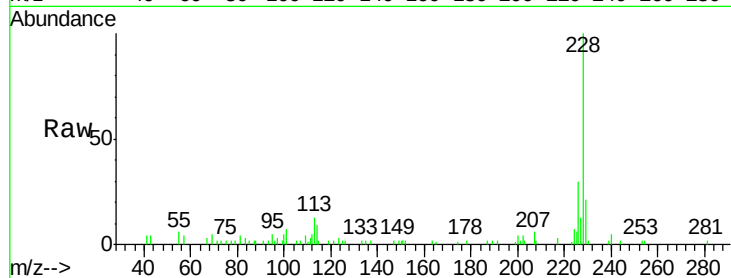
ClientSampleId :

SB-2(3.5-4)

Tgt Ion:	228	Resp:	25227
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.2
229	21.0	16.3	24.5

Manual Integrations
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sohil
6/24/2016 1:33:33 PM



#86

Perylene-d12

Concen: 20.00 ng

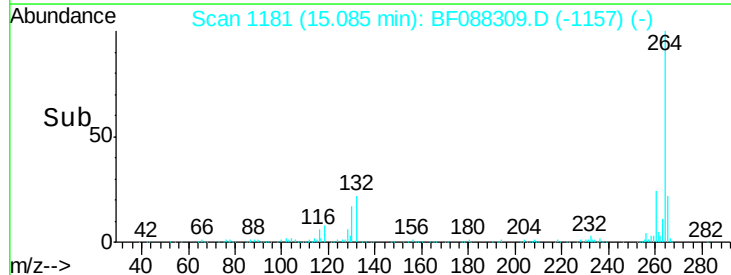
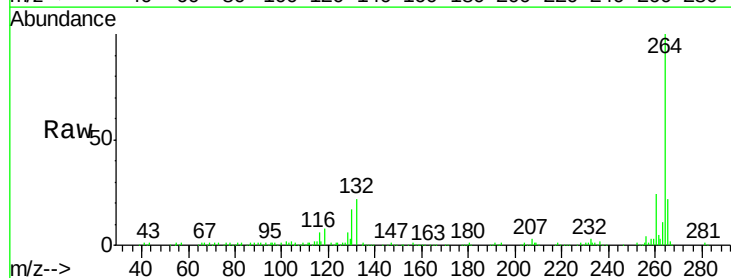
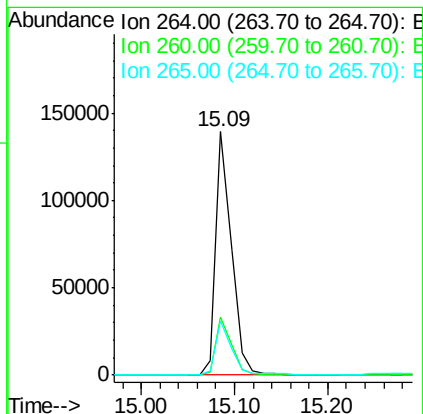
RT: 15.09 min Scan# 1181

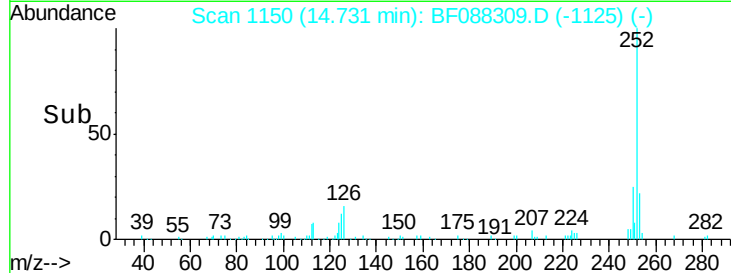
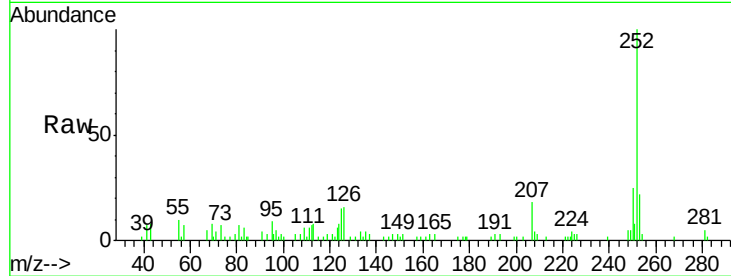
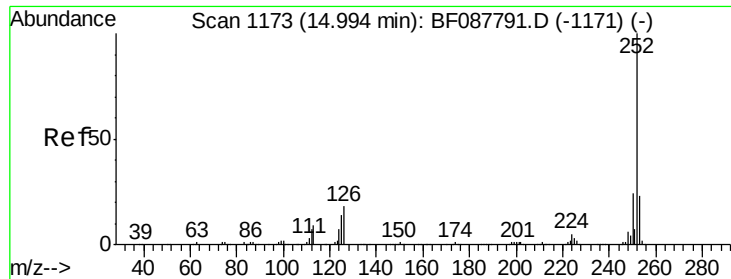
Delta R.T. -0.02 min

Lab File: BF088309.D

Acq: 24 Jun 2016 1:05

Tgt Ion:	264	Resp:	162905
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	22.3	16.9	25.3





#87
 Benzo(b)fluoranthene
 Concen: 2.21 ng m
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF088309.D
 Acq: 24 Jun 2016 1:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(3.5-4)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	14.5	7.1	10.7

Manual Integrations
 APPROVED

sohil
 6/24/2016 1:33:33 PM

