

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091802.D
 Acq On : 20 Dec 2016 4:39
 Operator : UM/SJ
 Sample : H6125-06RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16RE

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Quant Time: Dec 20 06:21:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	189638	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	422780	20.00	ng	0.02
38) Acenaphthene-d10	9.85	164	216035	20.00	ng	0.03
63) Phenanthrene-d10	11.30	188	419365	20.00	ng	0.01
75) Chrysene-d12	13.95	240	429536	20.00	ng	0.02
86) Perylene-d12	15.35	264	401011	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1763317	155.78	ng	0.00
7) Phenol-d6	6.42	99	2209406	160.05	ng	0.00
23) Nitrobenzene-d5	7.33	82	977601	133.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	290876	158.78	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	709085	65.94	ng	0.04
78) Terphenyl-d14	12.93	244	537555	31.60	ng	0.06
Target Compounds						
10) Phenol	6.43	94	102274	6.57	ng	# 79
37) 2-Methylnaphthalene	8.82	142	190870	14.99	ng	# 79
57) Fluorene	10.37	166	183894	16.18	ng	# 73
70) Phenanthrene	11.32	178	280486	13.39	ng	# 80
74) Fluoranthene	12.53	202	131954m	6.03	ng	
83) Bis(2-ethylhexyl)phthalate	13.93	149	213812	11.61	ng	# 64

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

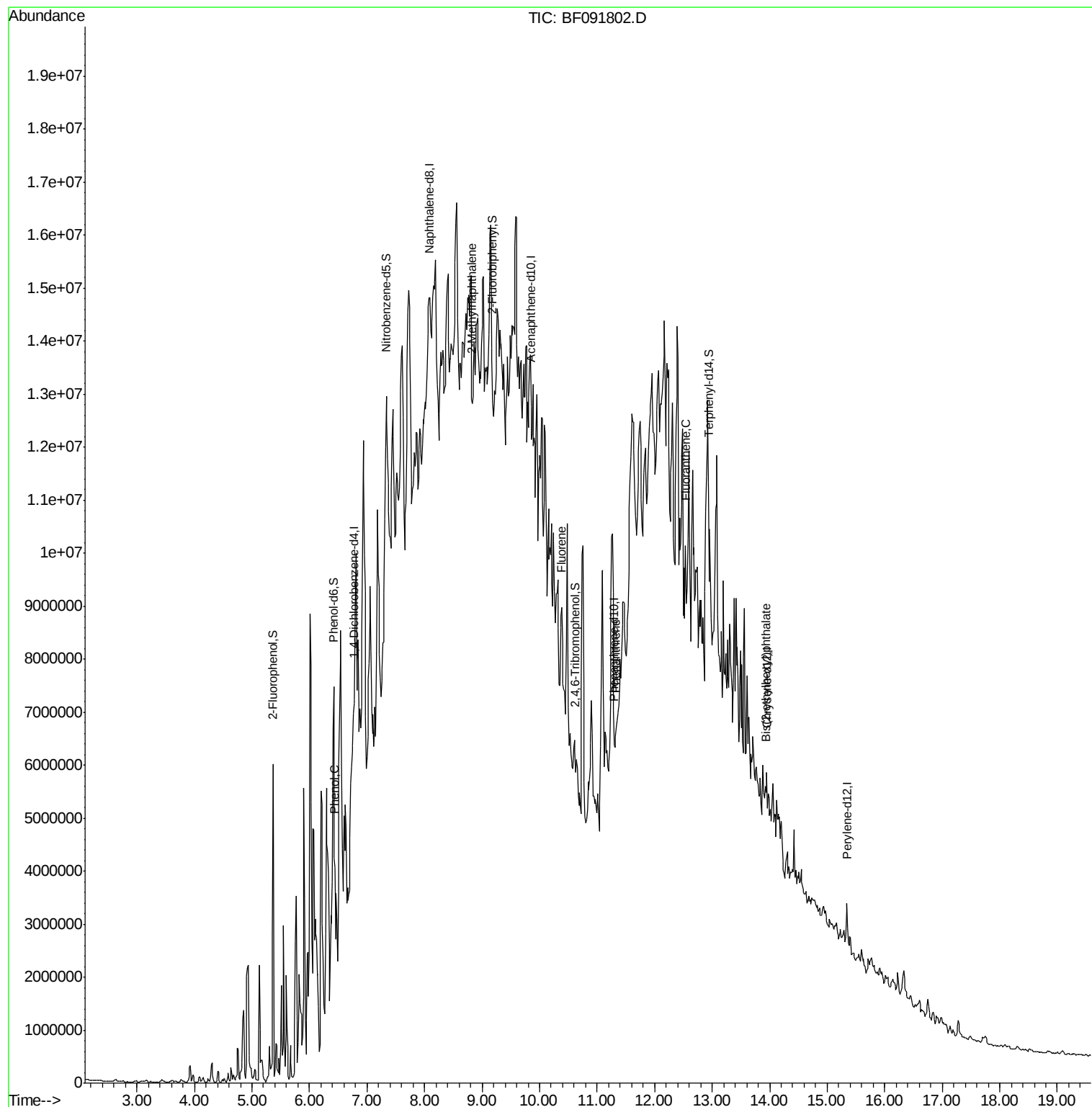
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091802.D
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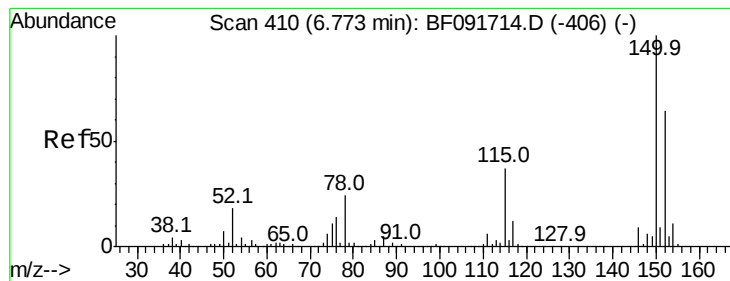
Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16RE

Quant Time: Dec 20 06:21:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
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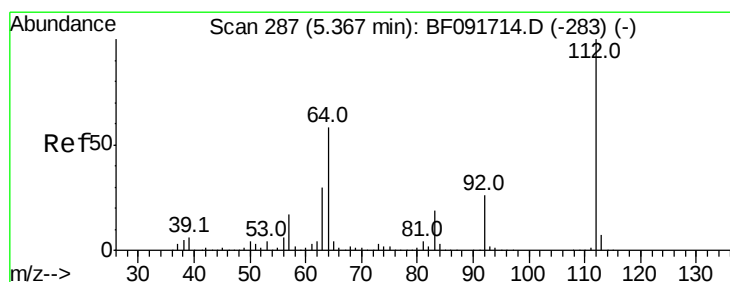
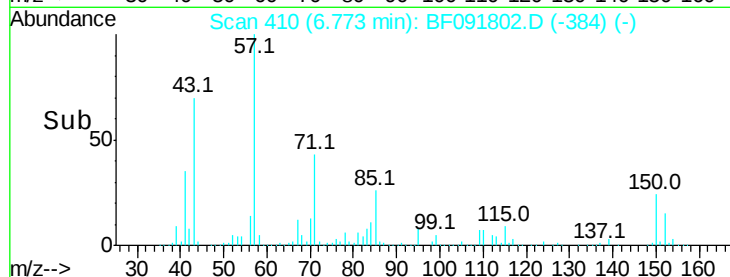
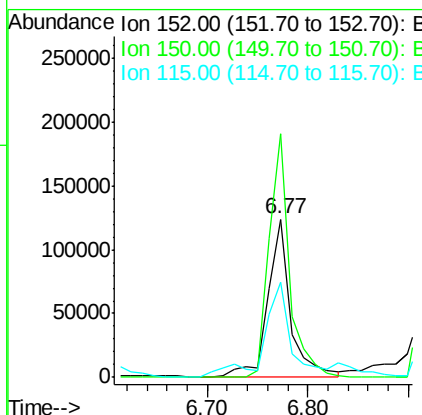
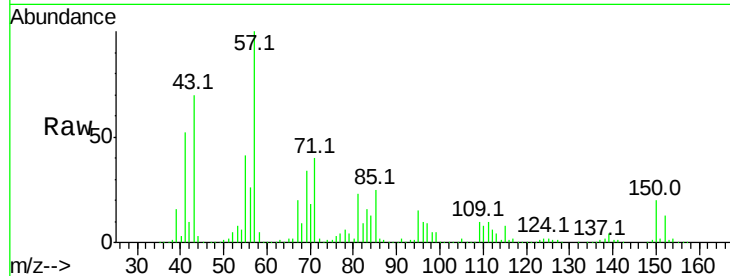
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF091802.D
 Acq: 20 Dec 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.9	187.3
115	59.9	46.0	69.0

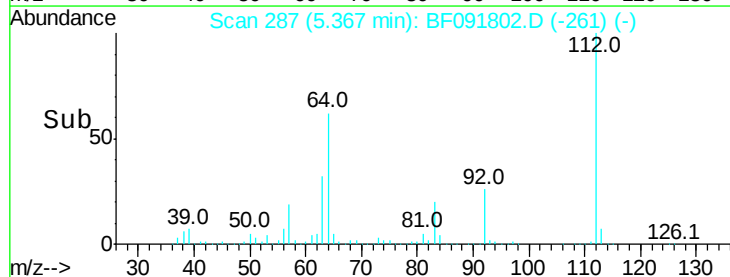
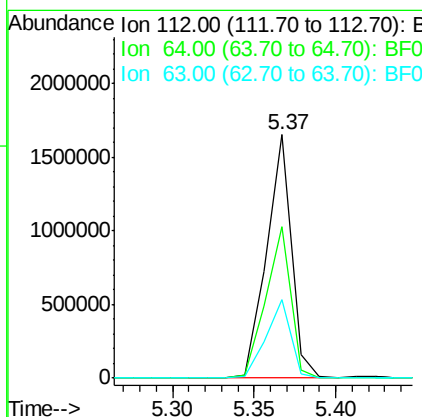
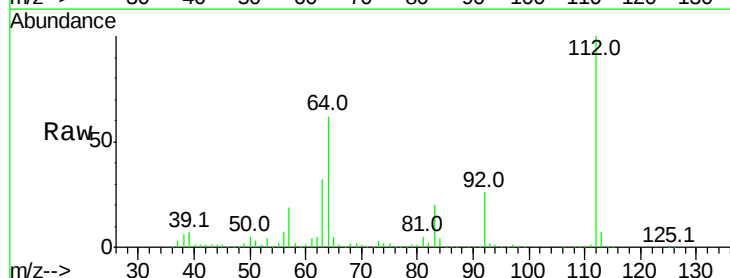
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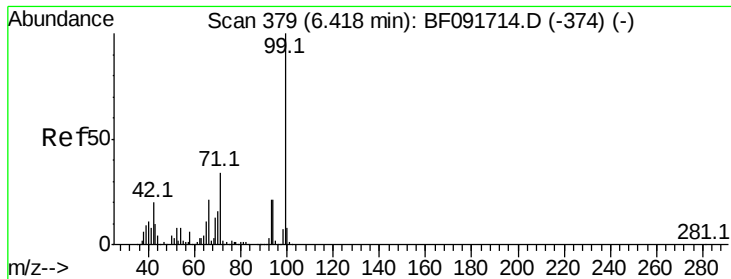
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#5
 2-Fluorophenol
 Concen: 155.78 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF091802.D
 Acq: 20 Dec 2016 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.1	69.1
63	32.2	23.8	35.6





#7

Phenol-d6

Concen: 160.05 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16RE

Tot Ion: 99 Resp: 2209406

Ion Ratio Lower Upper

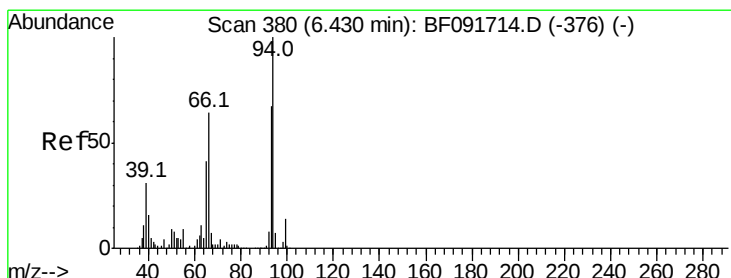
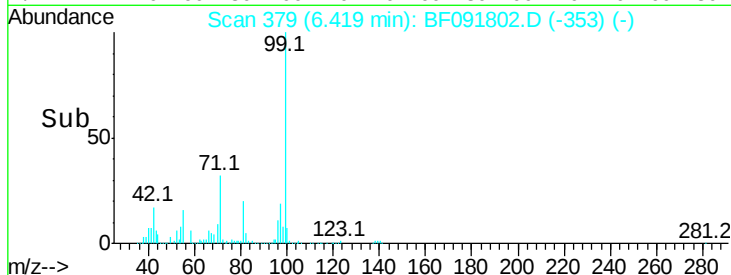
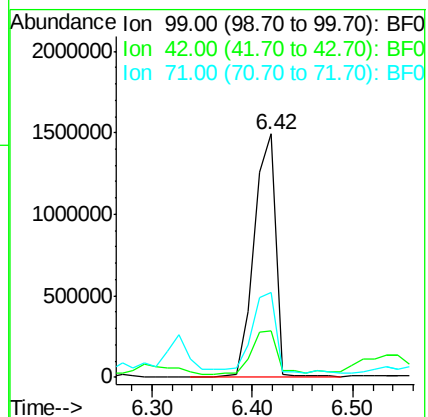
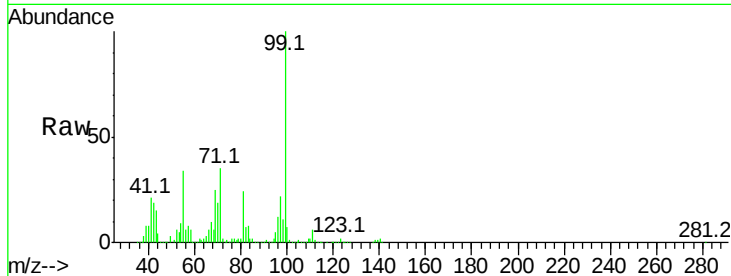
99 100

42 19.2 15.6 23.4

71 35.1 27.5 41.3

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#10

Phenol

Concen: 6.57 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

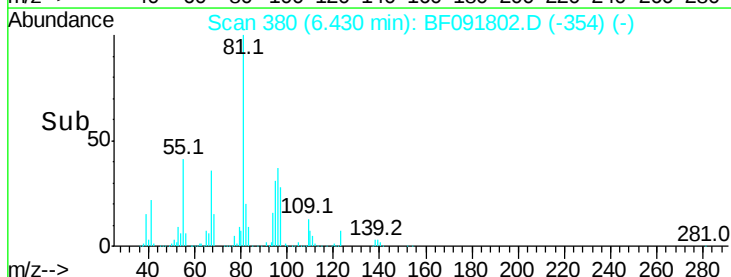
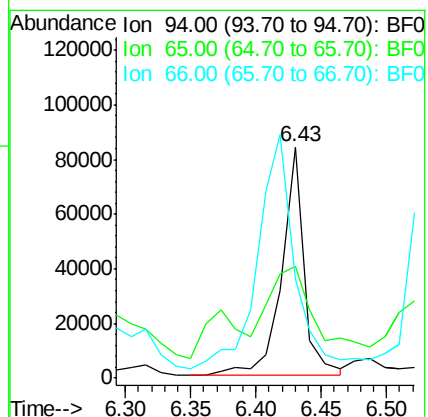
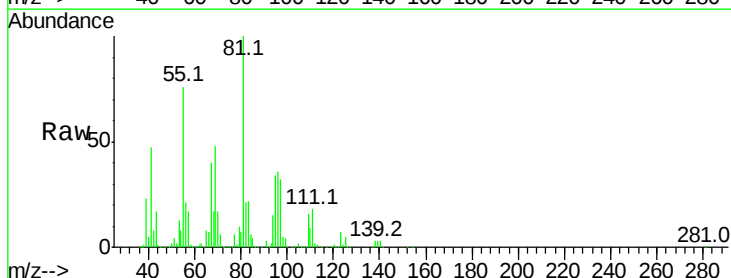
Tgt Ion: 94 Resp: 102274

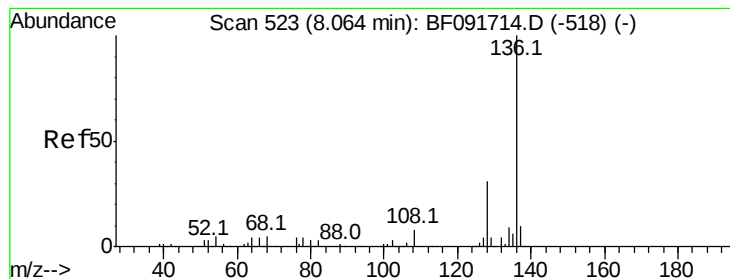
Ion Ratio Lower Upper

94 100

65 48.6 21.4 61.4

66 42.6 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.02 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

Instrument :

BNA_F

ClientSampleId :

SB-45(10-12)-12-14-16RE

Tot Ion:136 Resp: 422780

Ion Ratio Lower Upper

136 100

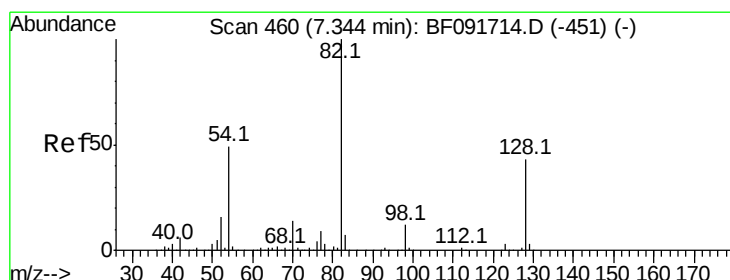
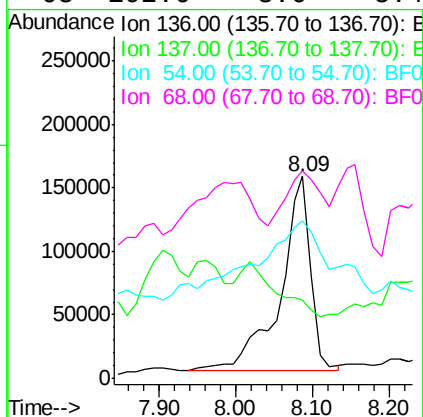
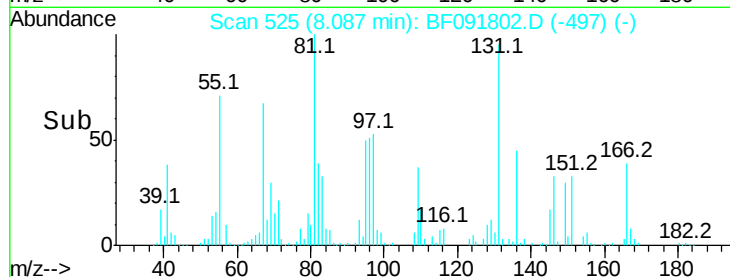
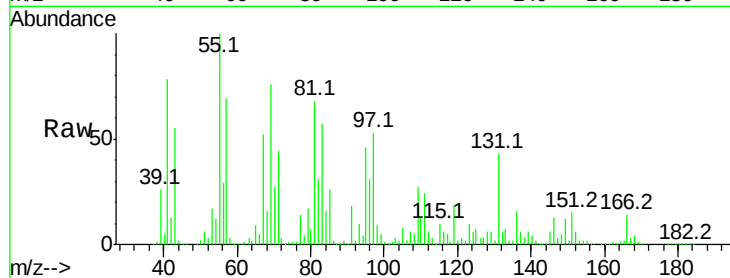
137 38.4 8.4 12.6#

54 78.1 4.5 6.7#

68 102.6 3.6 5.4#

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#23

Nitrobenzene-d5

Concen: 133.35 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

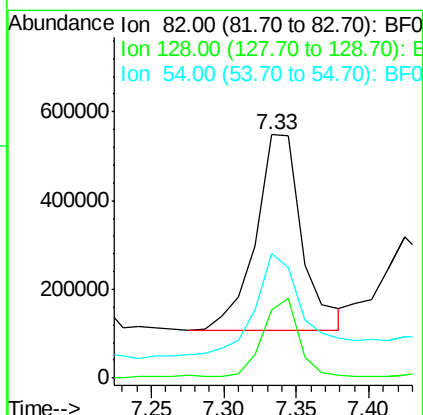
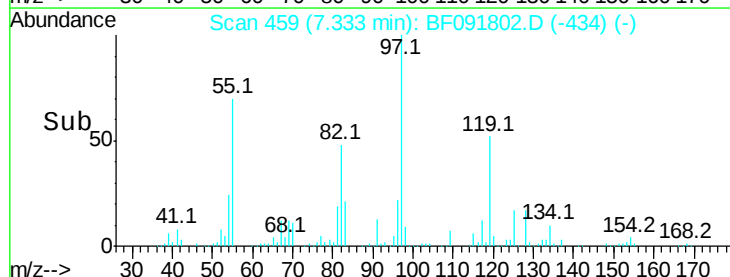
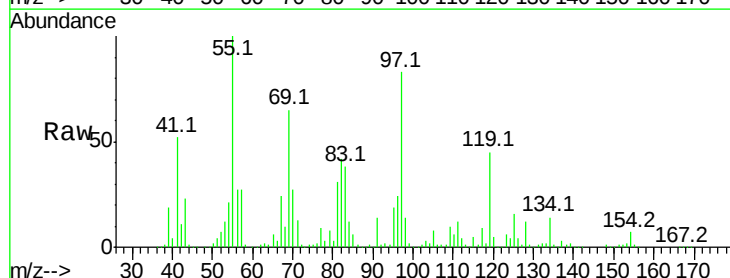
Tgt Ion: 82 Resp: 977601

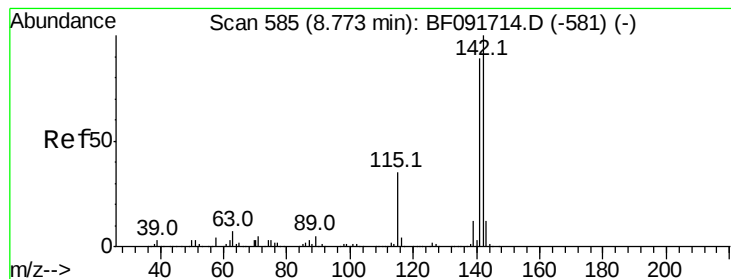
Ion Ratio Lower Upper

82 100

128 28.2 34.6 52.0#

54 51.3 39.5 59.3





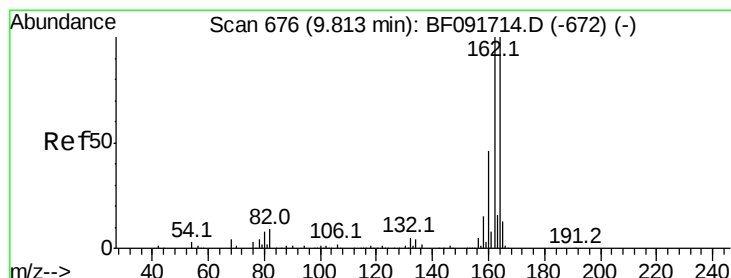
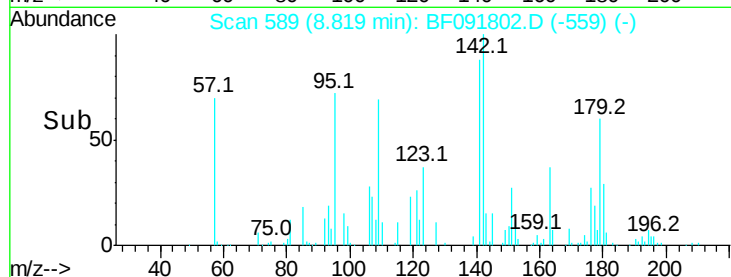
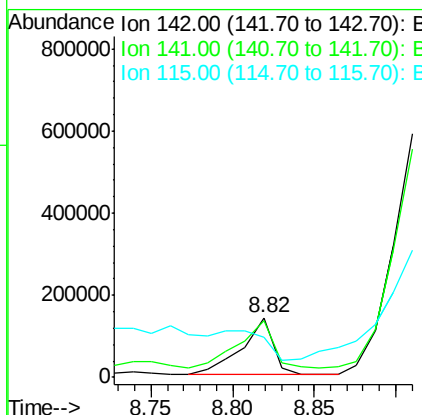
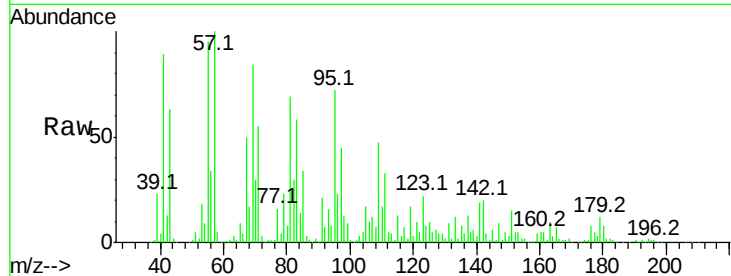
#37
2-Methylnaphthalene
Concen: 14.99 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.05 min
Lab File: BF091802.D
Acq: 20 Dec 2016 4:39

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16RE

Tot Ion	Ratio	Resp	Lower	Upper
142	100	190870		
141	95.2	71.0	106.6	
115	67.4	28.3	42.5#	

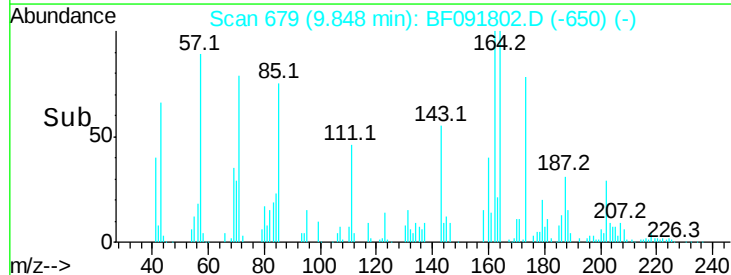
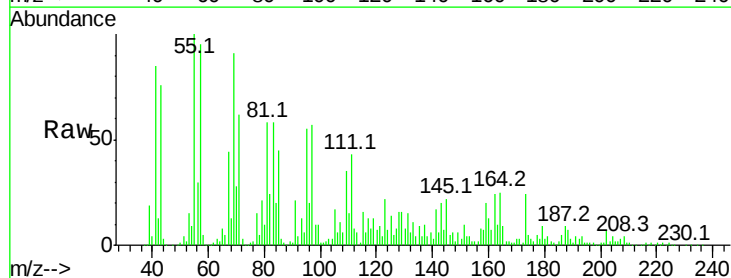
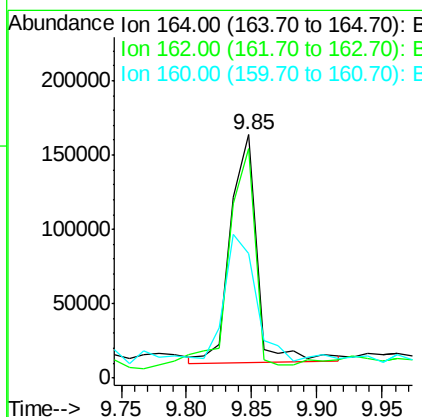
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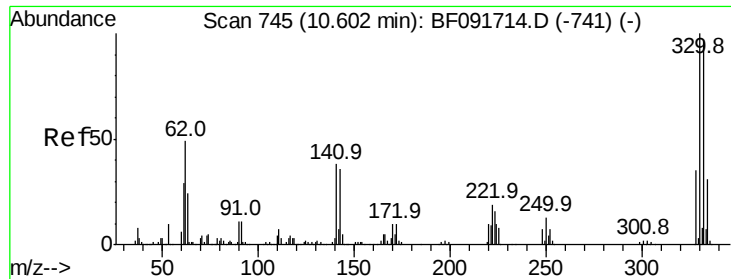
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.03 min
Lab File: BF091802.D
Acq: 20 Dec 2016 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216035		
162	94.0	80.2	120.2	
160	51.1	36.9	55.3	





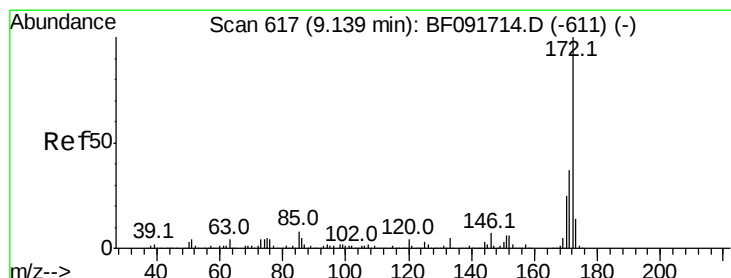
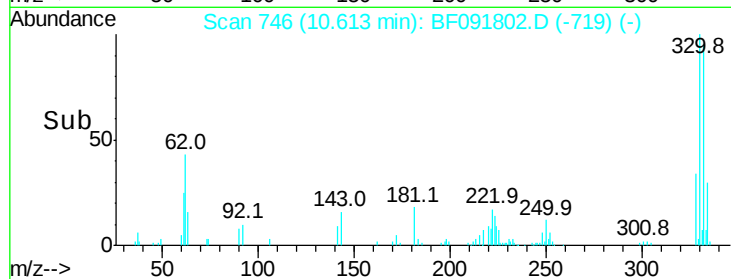
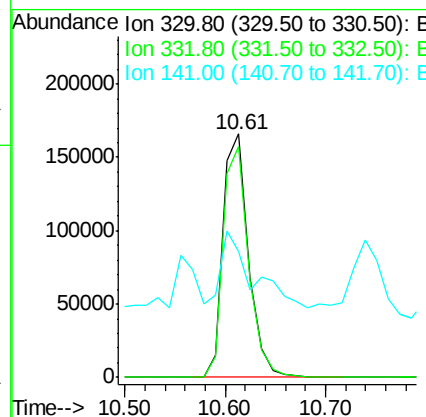
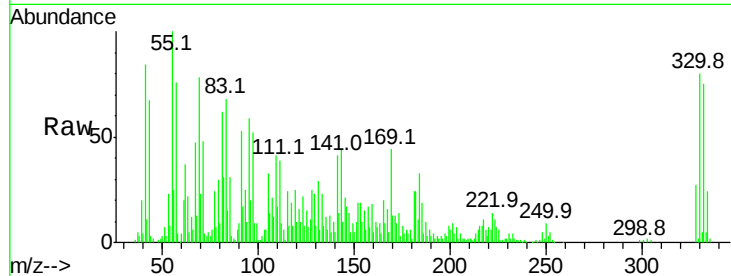
#41
 2,4,6-Tribromophenol
 Concen: 158.78 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF091802.D
 Acq: 20 Dec 2016 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-45(10-12)-12-14-16RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.4	116.2	
141	38.7	34.1	51.1	

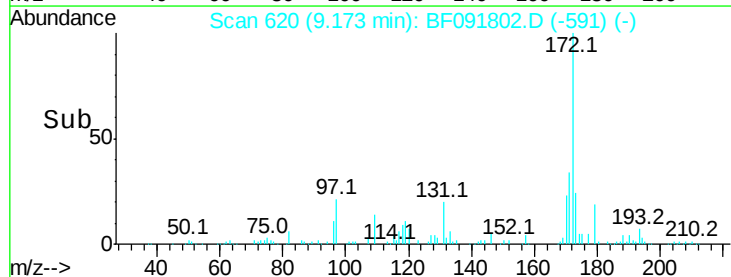
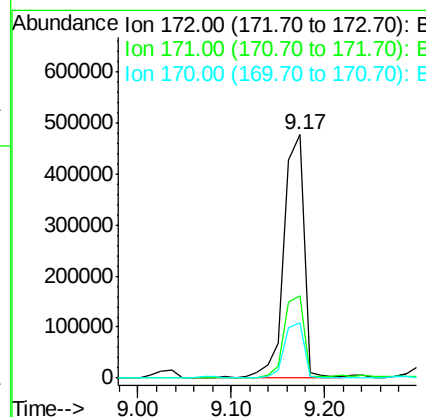
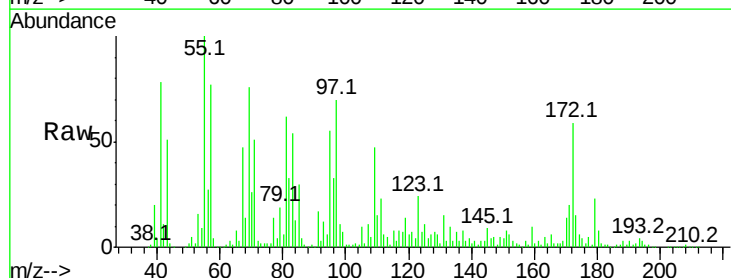
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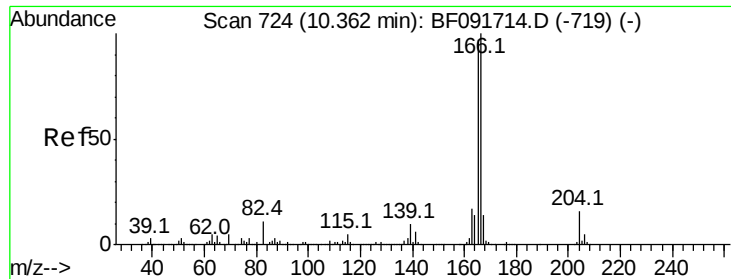
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#44
 2-Fluorobiphenyl
 Concen: 65.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.04 min
 Lab File: BF091802.D
 Acq: 20 Dec 2016 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.0	29.4	44.0	
170	23.0	20.2	30.4	





#57

Fluorene

Concen: 16.18 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

Instrument :

BNA_F

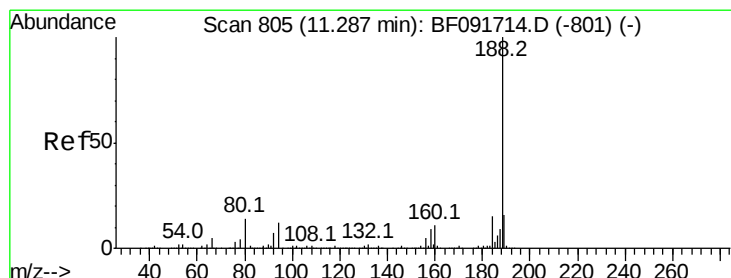
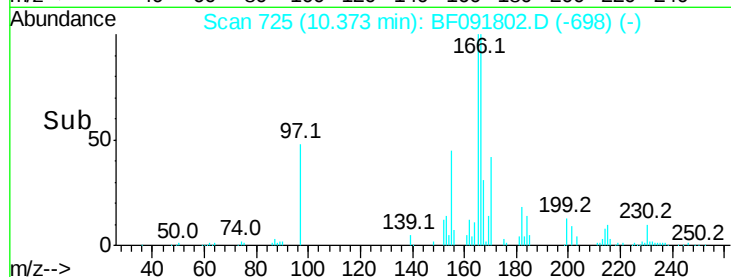
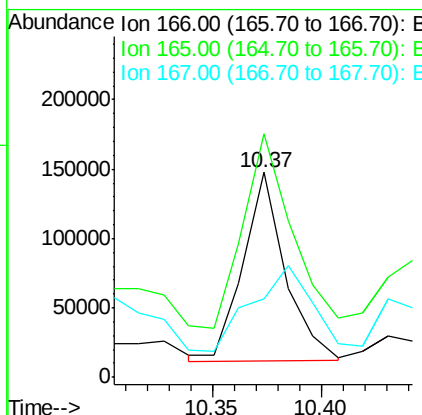
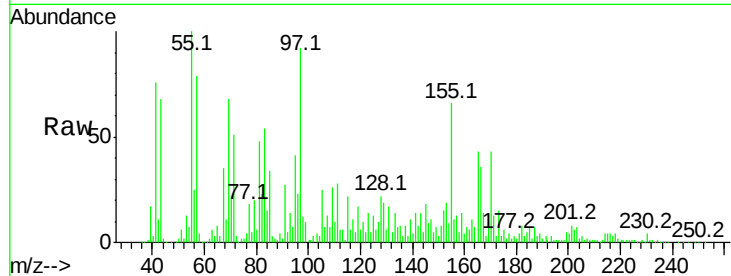
ClientSampleId :

SB-45(10-12)-12-14-16RE

Tot Ion	Ratio	Lower	Upper
166	100		
165	118.7	77.8	116.8#
167	38.3	10.8	16.2#

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#63

Phenanthrene-d10

Concen: 20.00 ng

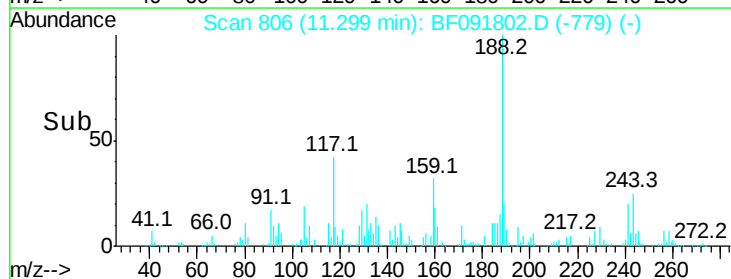
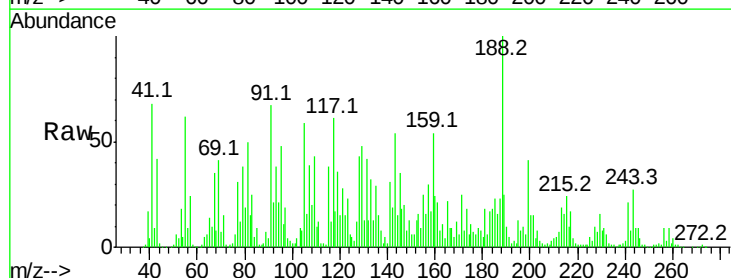
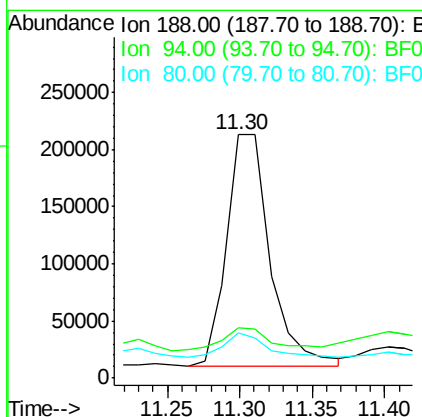
RT: 11.30 min Scan# 806

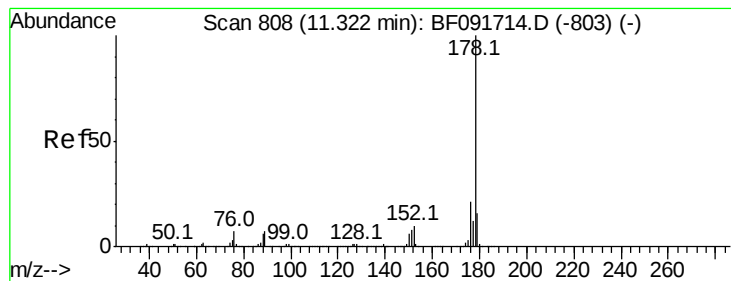
Delta R.T. 0.01 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	20.8	10.0	15.0#
80	18.5	11.2	16.8#





#70

Phenanthrene

Concen: 13.39 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

Instrument :

BNA_F

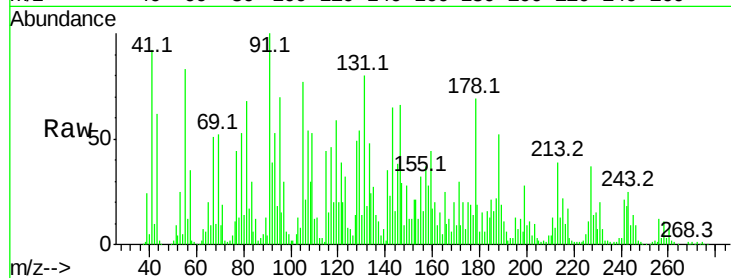
ClientSampleId :

SB-45(10-12)-12-14-16RE

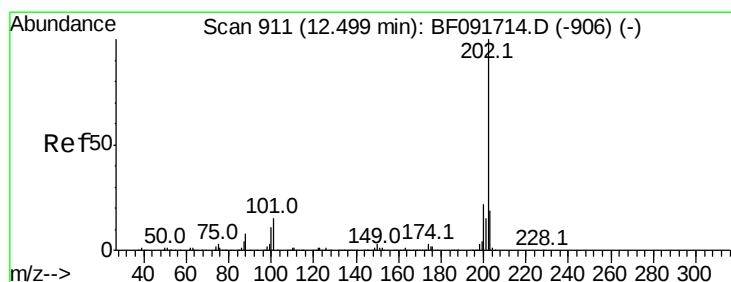
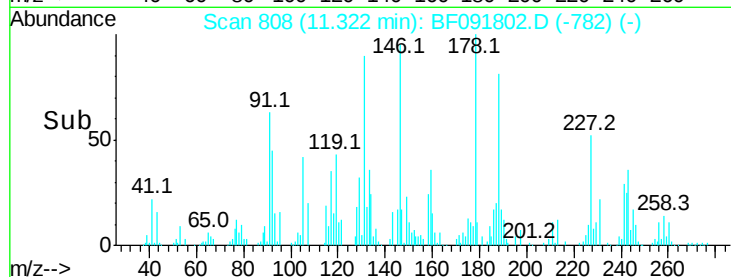
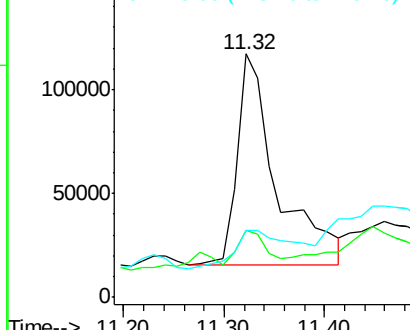
Tot Ion:	178	Resp:	280486
Ion Ratio	Lower	Upper	
178	100		
176	27.4	16.6	25.0#
179	27.4	12.8	19.2#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 6.03 ng m

RT: 12.53 min Scan# 914

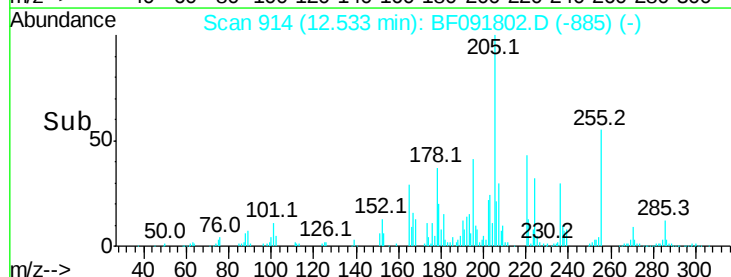
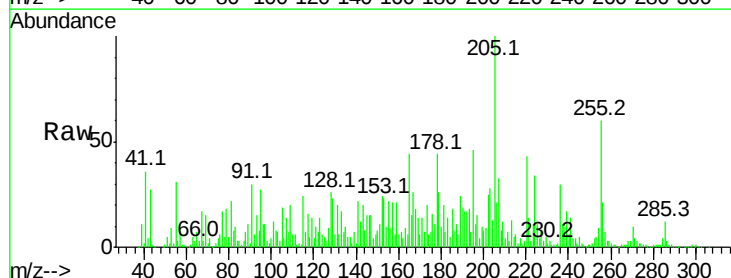
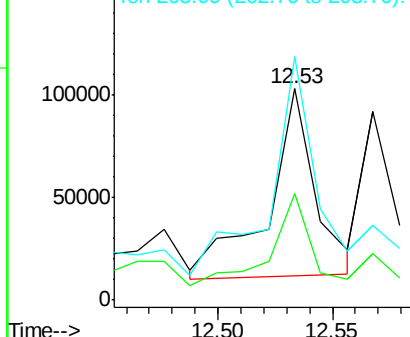
Delta R.T. 0.04 min

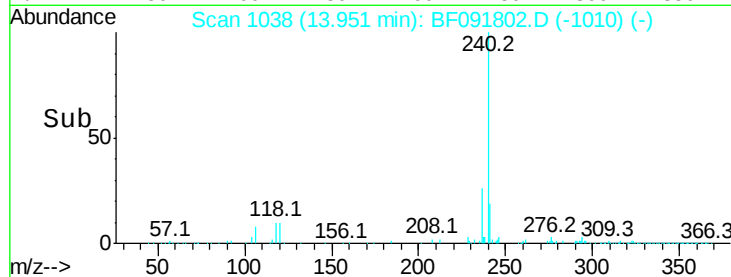
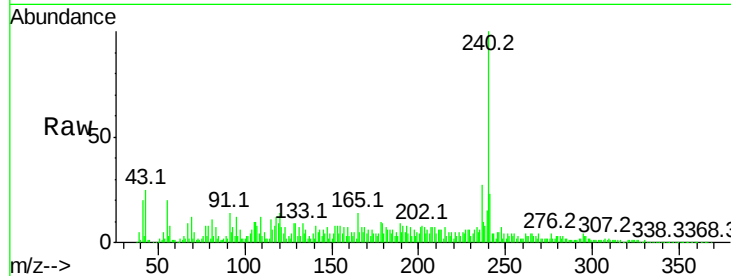
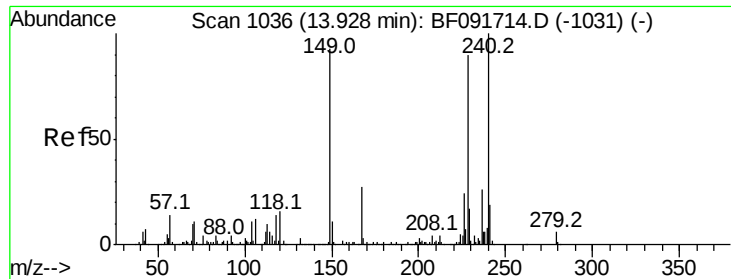
Lab File: BF091802.D

Acq: 20 Dec 2016 4:39

Tgt Ion:	202	Resp:	131954
Ion Ratio	Lower	Upper	
202	100		
101	50.6	0.0	34.6#
203	115.4	0.0	38.7#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





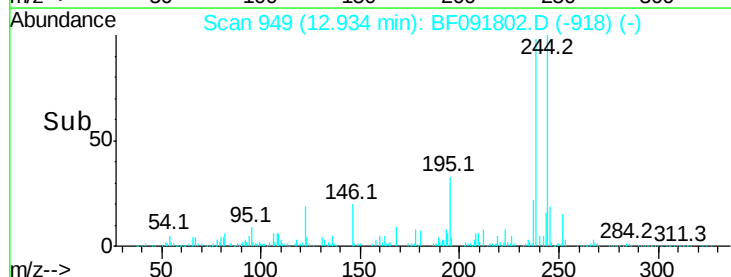
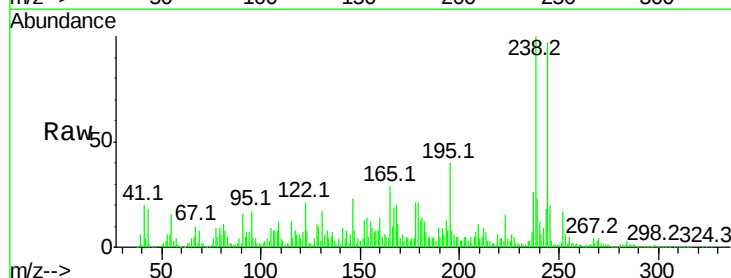
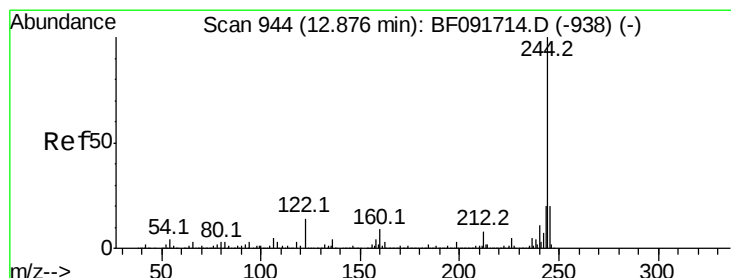
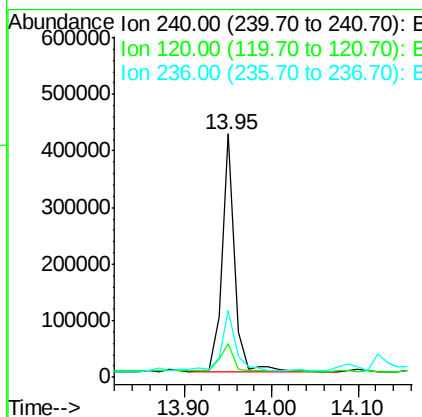
#75
Chrvsene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BF091802.D
Acq: 20 Dec 2016 4:39

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.8	12.9	19.3	
236	27.4	20.9	31.3	

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16RE

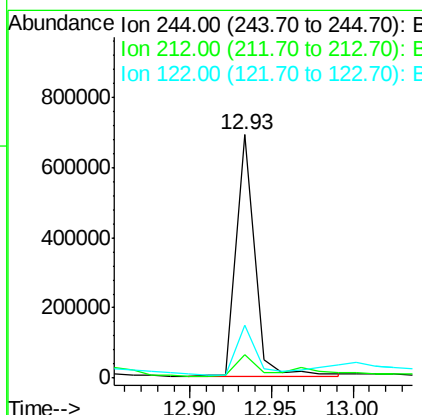
Manual Integrations
APPROVED

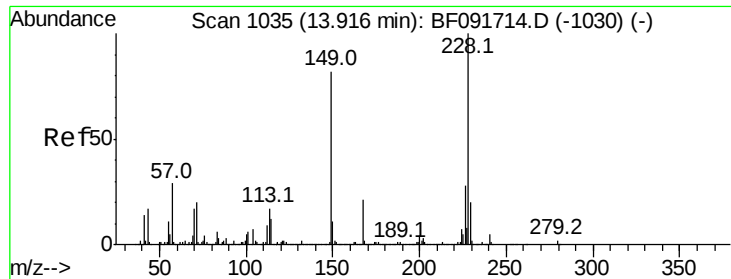
sohil
12/20/2016 6:32:44 PM



#78
Terphenyl-d14
Concen: 31.60 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.06 min
Lab File: BF091802.D
Acq: 20 Dec 2016 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.8	6.2	9.2#	
122	21.6	11.4	17.2#	





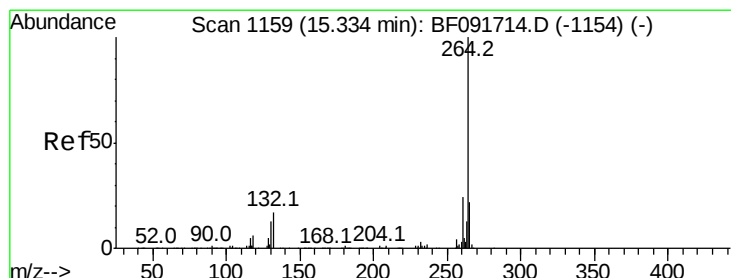
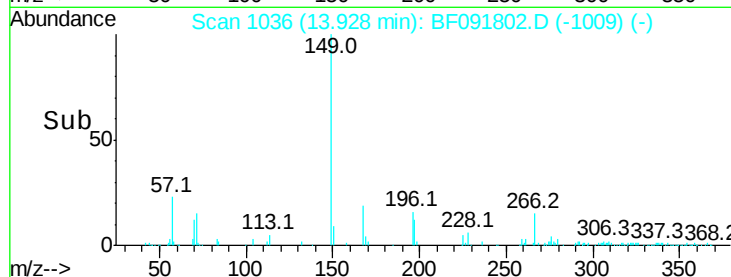
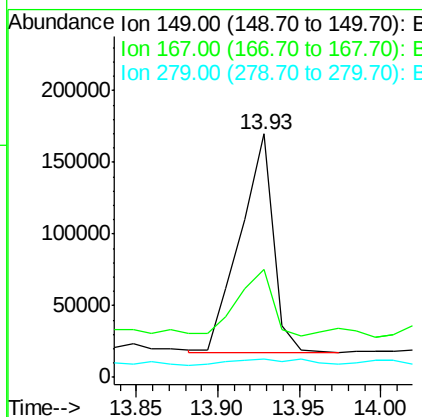
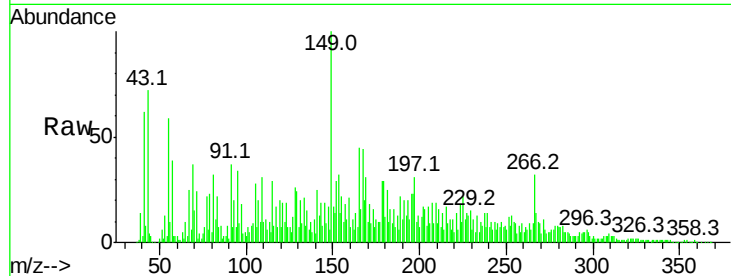
#83
Bis(2-ethylhexyl)phthalate
Concen: 11.61 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF091802.D
Acq: 20 Dec 2016 4:39

Instrument :
BNA_F
ClientSampleId :
SB-45(10-12)-12-14-16RE

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	44.4	20.2	30.4	
279	7.6	1.8	2.8	

Manual Integrations
APPROVED

sohil
12/20/2016 6:32:44 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF091802.D
Acq: 20 Dec 2016 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.9	19.2	28.8	
265	23.5	17.4	26.0	

