

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093170.D
 Acq On : 25 Feb 2017 3:15
 Operator : SJ/MA
 Sample : I1954-09RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(0-5)RE

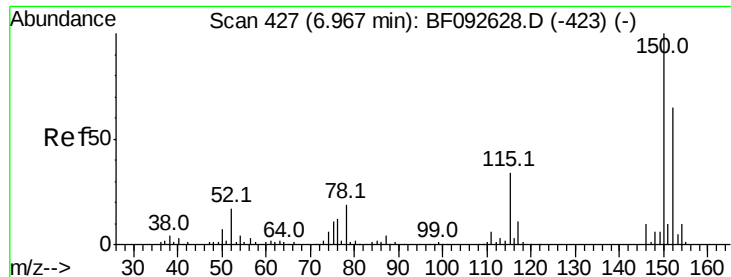
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Quant Time: Feb 25 03:44:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	152895	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	572413	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	211388	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	331472	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	336219	20.00	ng	-0.01
86) Perylene-d12	15.45	264	251263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1035504	116.19	ng	-0.02
7) Phenol-d6	6.48	99	1216324	106.07	ng	-0.01
23) Nitrobenzene-d5	7.40	82	756685	73.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	190916	124.87	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1151755	98.71	ng	-0.02
78) Terphenyl-d14	12.95	244	795327	55.58	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.49	94	60708	4.53	ng	89
49) Dimethylphthalate	9.60	163	114243	8.02	ng	99
74) Fluoranthene	12.58	202	69751	3.56	ng	94
77) Pyrene	12.81	202	88649	3.52	ng	98
80) Benzo(a)anthracene	14.00	228	57984	2.82	ng	95
82) Chrysene	14.03	228	54694m	2.84	ng	
87) Benzo(b)fluoranthene	15.04	252	69518m	4.20	ng	
89) Benzo(a)pyrene	15.38	252	41287	2.89	ng	# 75

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

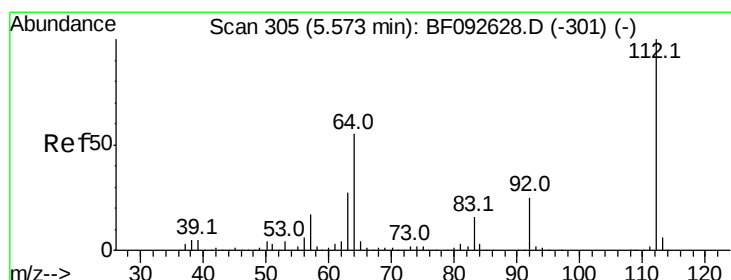
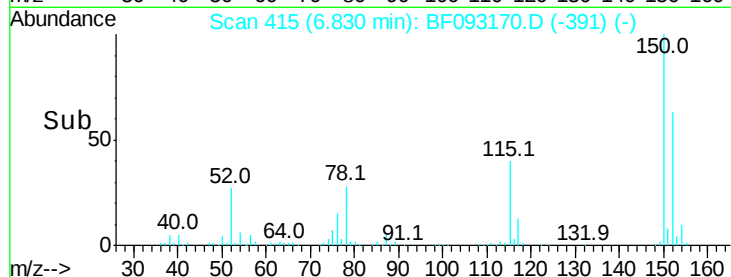
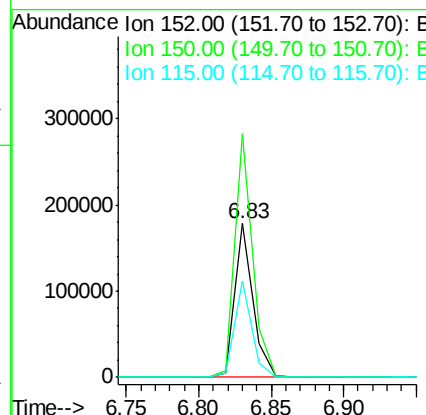
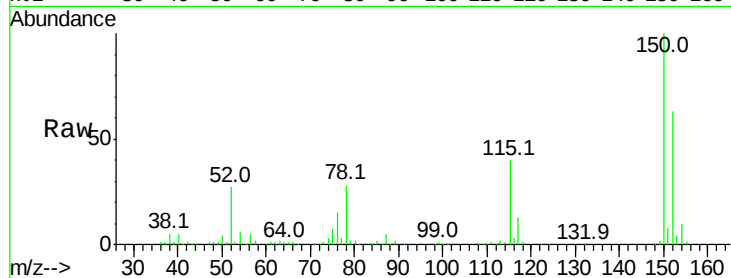
ClientSampleId :

CLP-B-01(0-5)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.9	187.3
115	63.2	46.0	69.0

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#5

2-Fluorophenol

Concen: 116.19 ng

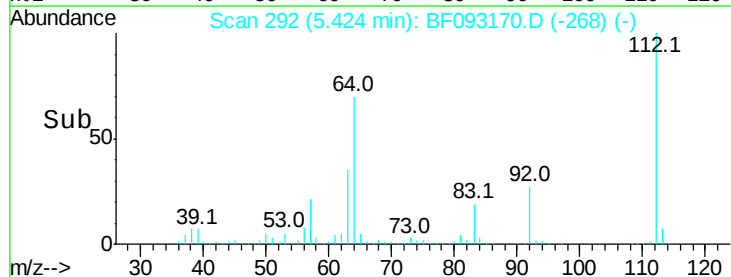
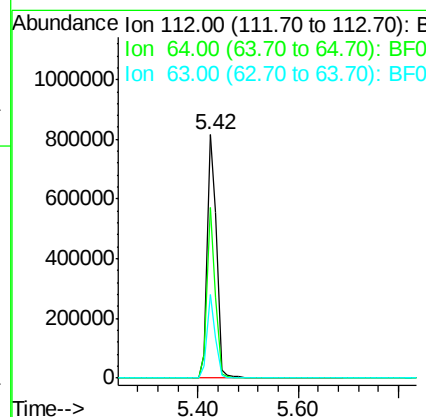
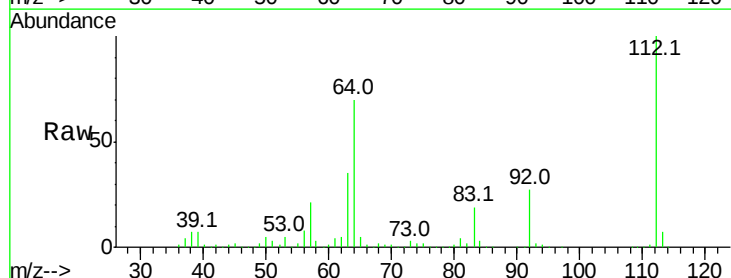
RT: 5.42 min Scan# 292

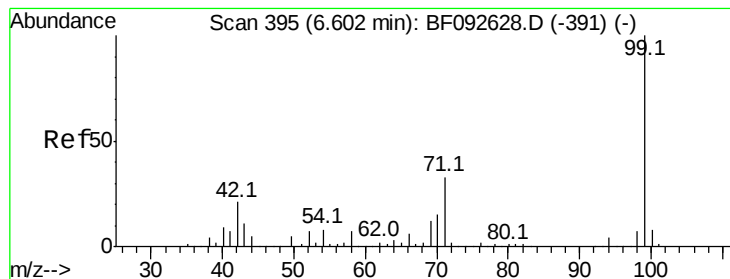
Delta R.T. -0.02 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	46.1	69.1#
63	34.5	23.8	35.6





#7

Phenol-d6

Concen: 106.07 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

ClientSampleId :

CLP-B-01(0-5)RE

Tot Ion: 99 Resp: 1216324

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

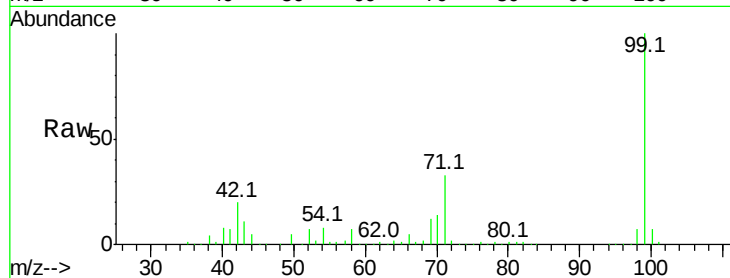
71 32.9 27.5 41.3

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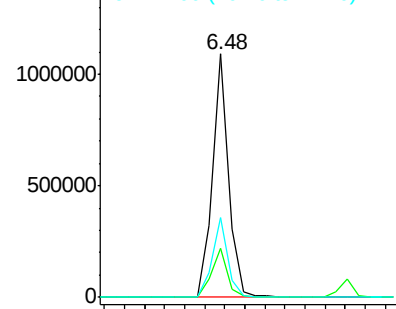
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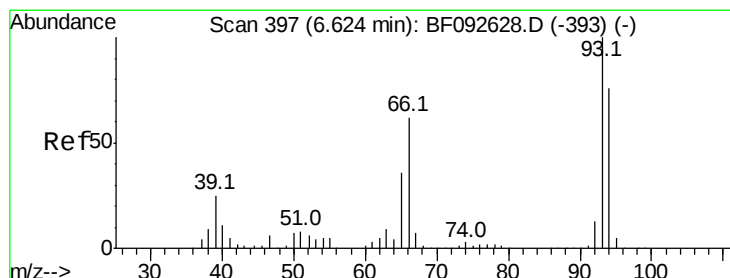
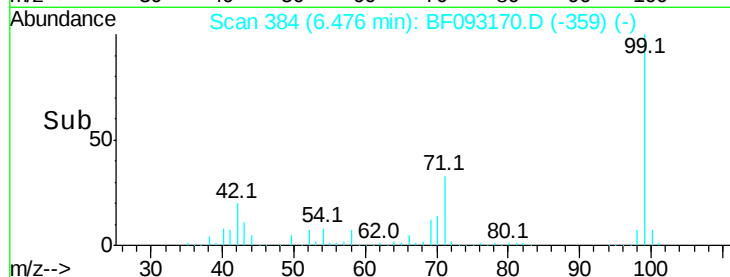
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 4.53 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

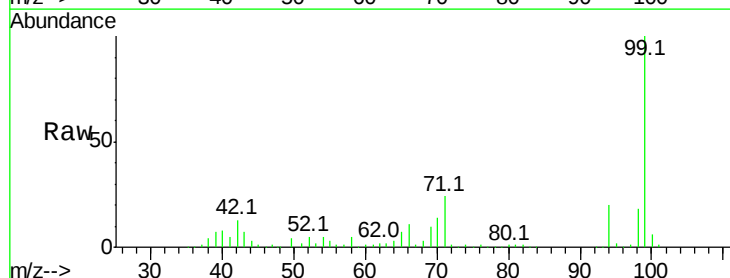
Tgt Ion: 94 Resp: 60708

Ion Ratio Lower Upper

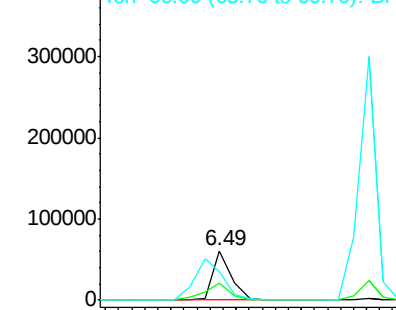
94 100

65 33.9 21.4 61.4

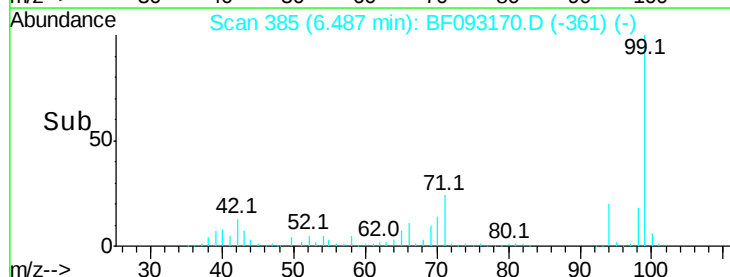
66 56.3 44.0 84.0

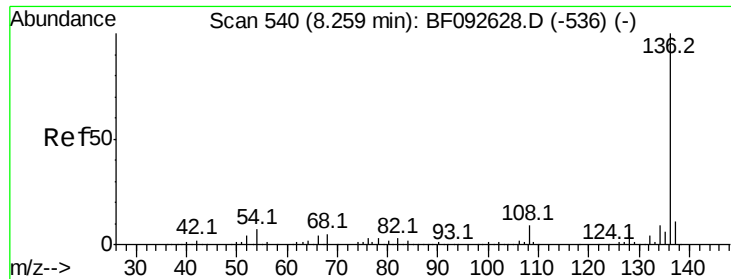


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time-->





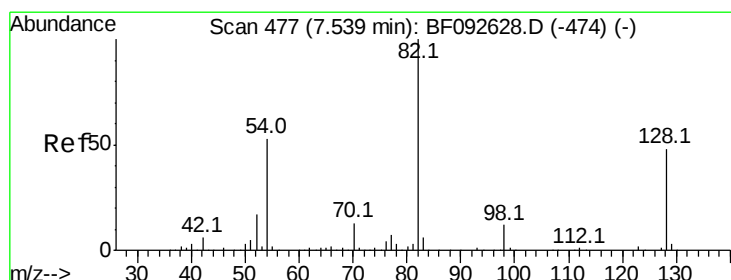
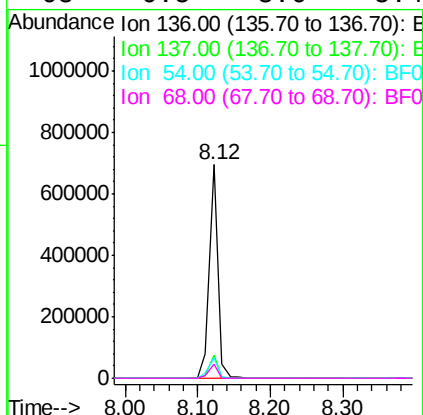
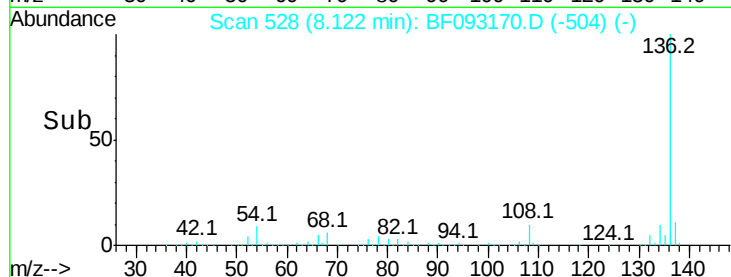
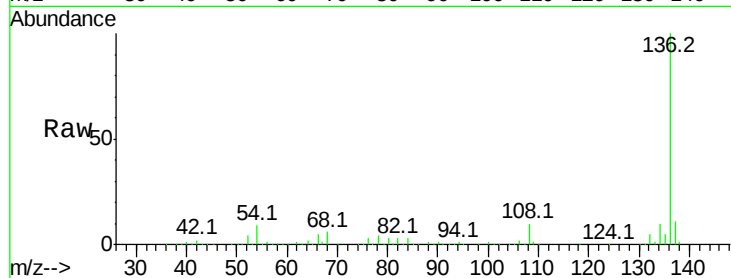
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093170.D
Acq: 25 Feb 2017 3:15

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	572413		
137	10.8	8.4	12.6	
54	9.5	4.5	6.7#	
68	6.5	3.6	5.4#	

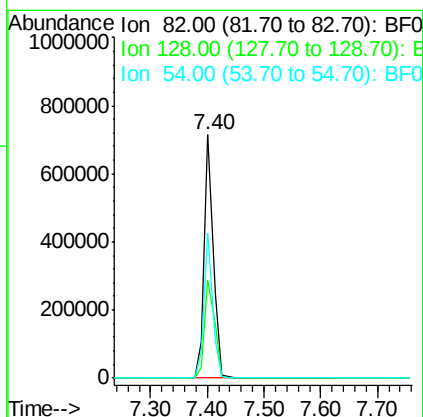
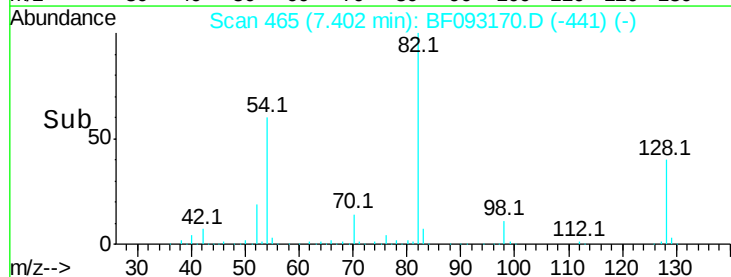
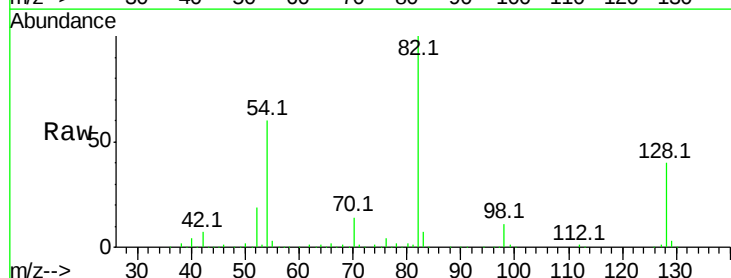
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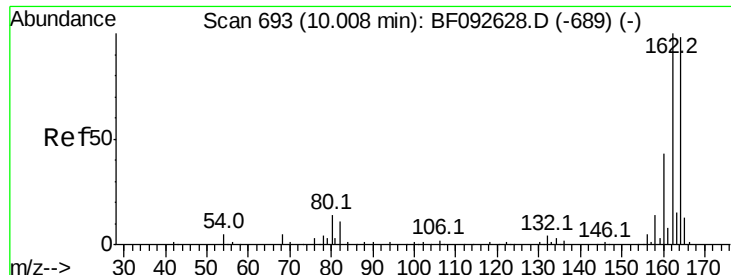
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#23
Nitrobenzene-d5
Concen: 73.61 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093170.D
Acq: 25 Feb 2017 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	756685		
128	40.1	34.6	52.0	
54	59.6	39.5	59.3#	





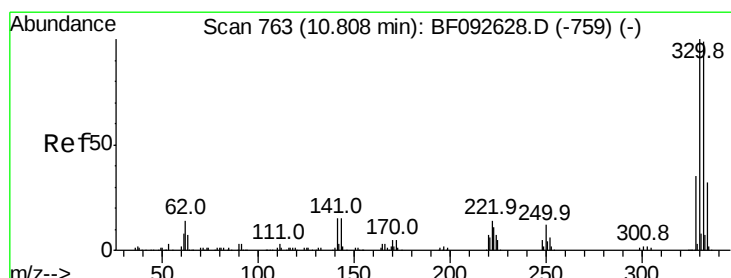
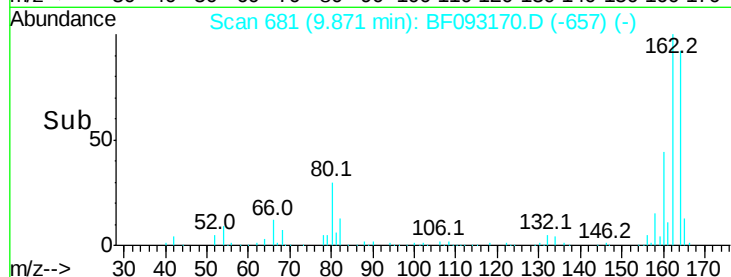
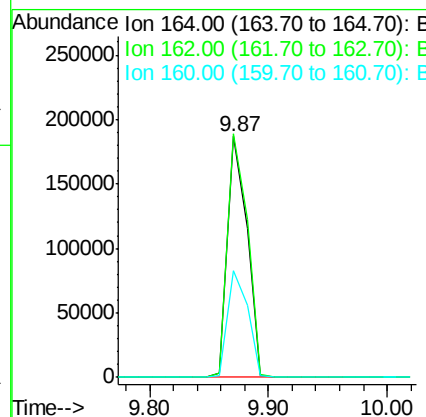
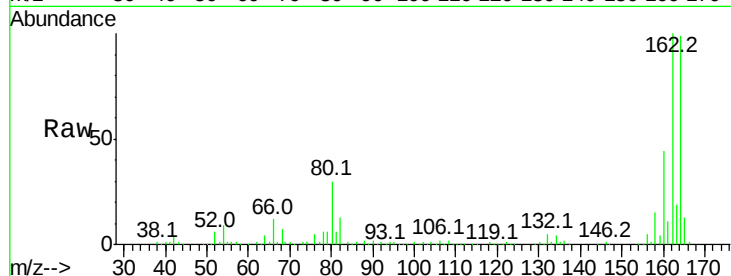
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093170.D
 Acq: 25 Feb 2017 3:15

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(0-5)RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	211388		
162	101.3	80.2	120.2	
160	44.2	36.9	55.3	

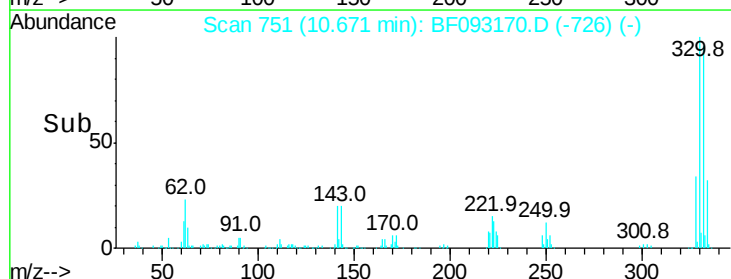
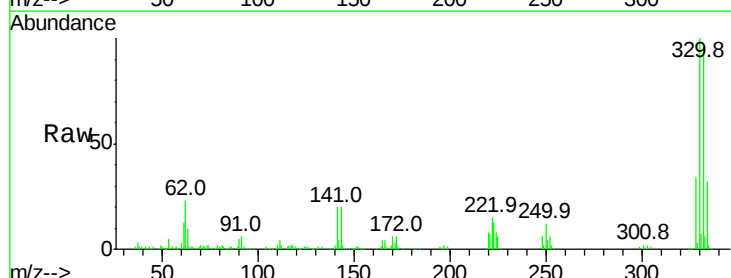
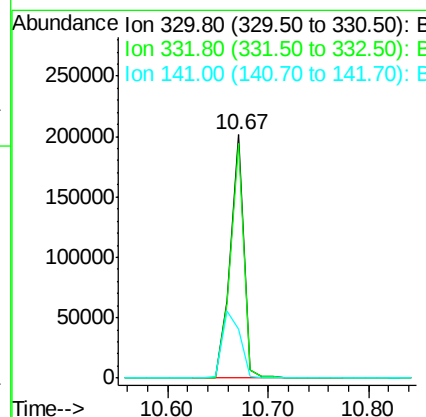
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#41
 2,4,6-Tribromophenol
 Concen: 124.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093170.D
 Acq: 25 Feb 2017 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	190916		
332	96.3	77.4	116.2	
141	36.9	34.1	51.1	





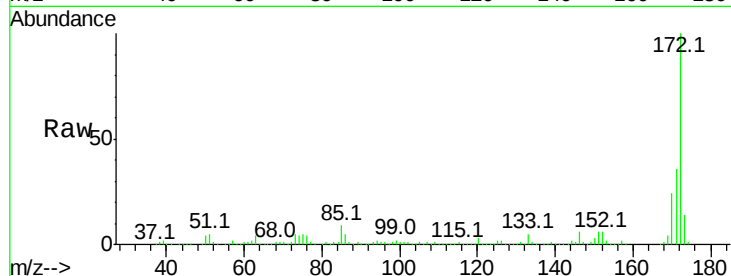
#44
2-Fluorobiphenyl
Concen: 98.71 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093170.D
Acq: 25 Feb 2017 3:15

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(0-5)RE

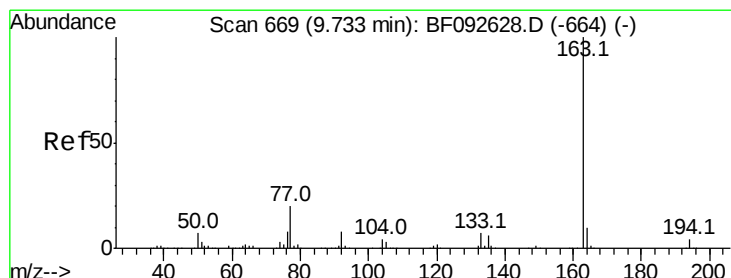
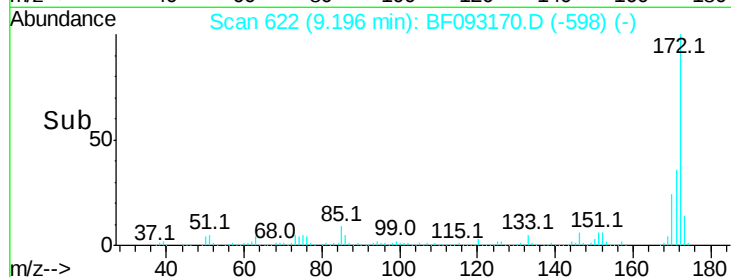
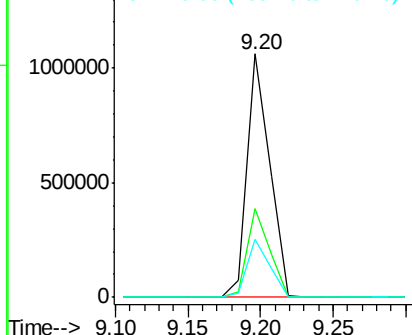
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.0	20.2	30.4

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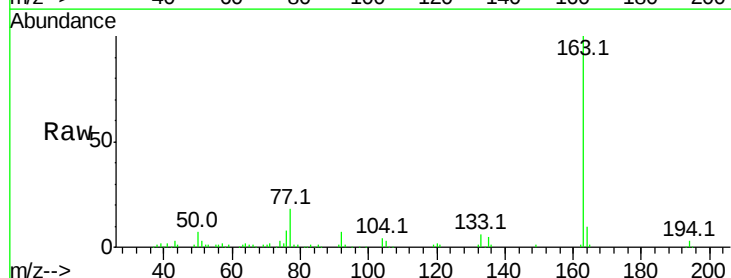


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

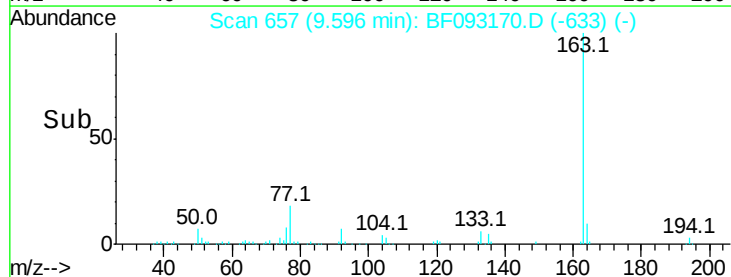
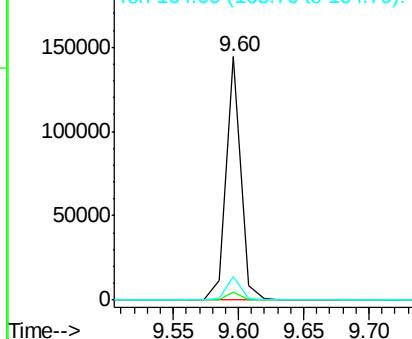


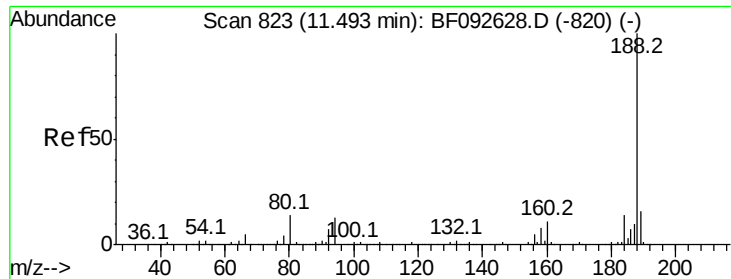
#49
Dimethylphthalate
Concen: 8.02 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093170.D
Acq: 25 Feb 2017 3:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.8	8.0	12.0



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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

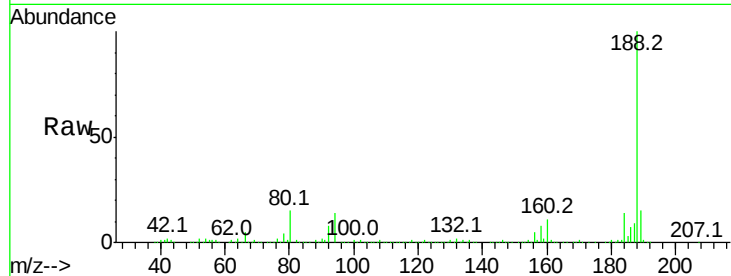
ClientSampleId :

CLP-B-01(0-5)RE

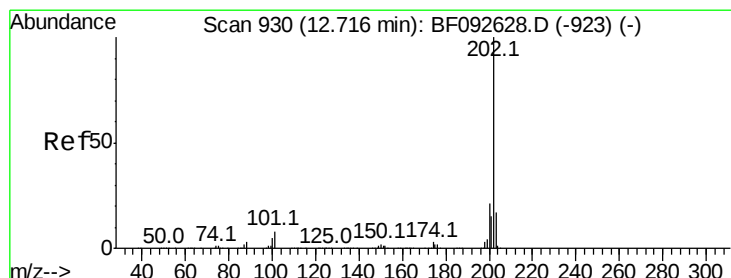
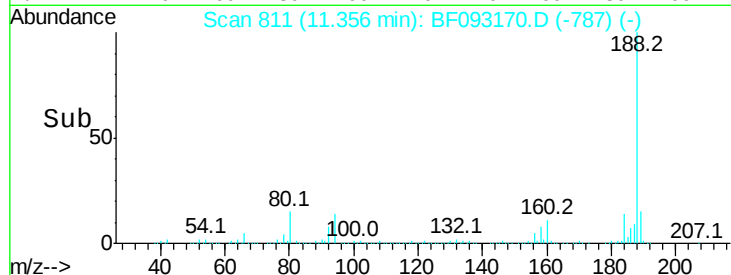
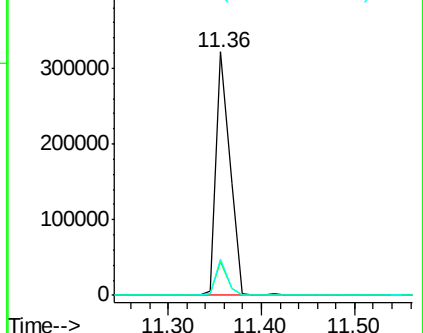
Tot Ion:	188	Resp:	331472
Ion Ratio	Lower	Upper	
188	100		
94	13.8	10.0	15.0
80	15.1	11.2	16.8

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Abundance Ion 188.00 (187.70 to 188.70): E



#74

Fluoranthene

Concen: 3.56 ng

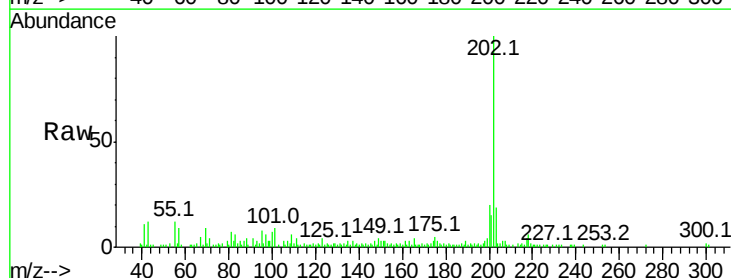
RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

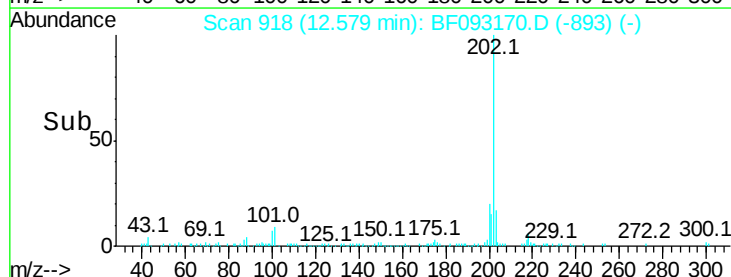
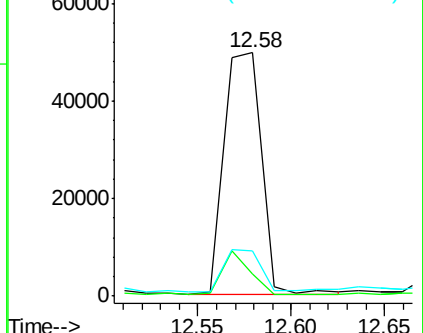
Lab File: BF093170.D

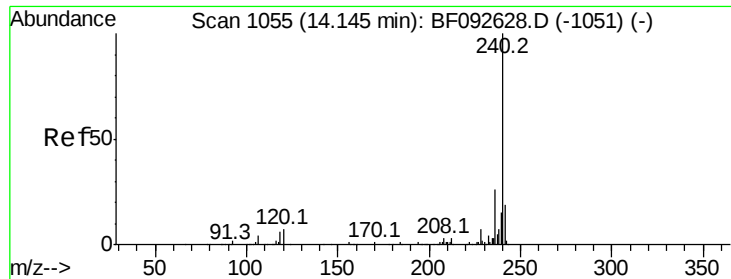
Acq: 25 Feb 2017 3:15

Tgt Ion:	202	Resp:	69751
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	34.6
203	18.8	0.0	38.7



Abundance Ion 202.00 (201.70 to 202.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

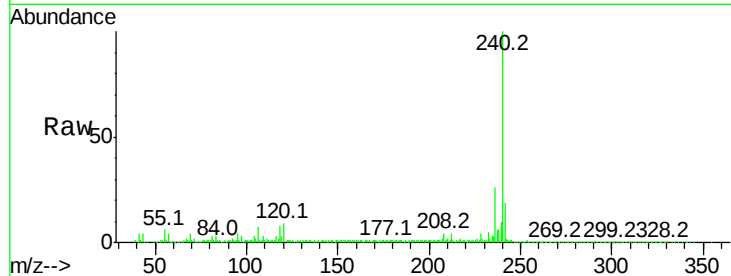
ClientSampleId :

CLP-B-01(0-5)RE

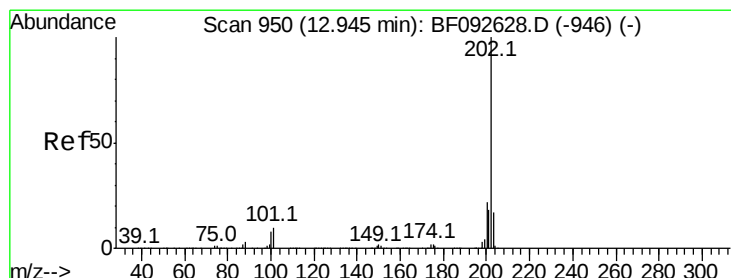
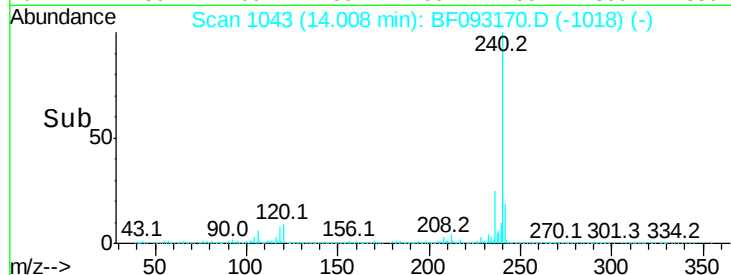
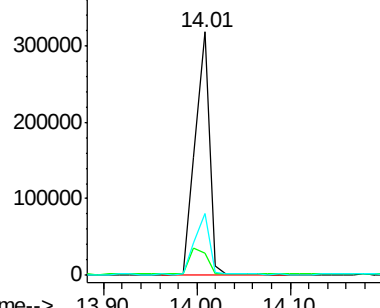
Tot Ion:	240	Resp:	336219
Ion Ratio	Lower	Upper	
240	100		
120	9.3	12.9	19.3#
236	25.6	20.9	31.3

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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



#77

Pyrene

Concen: 3.52 ng

RT: 12.81 min Scan# 938

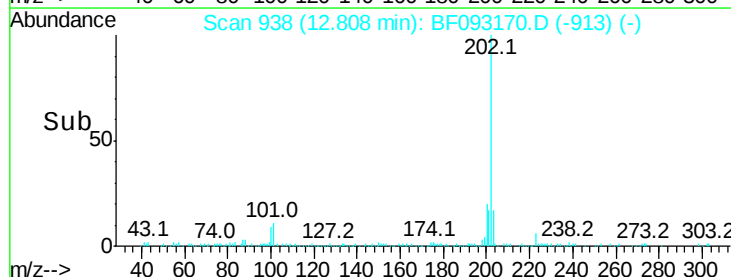
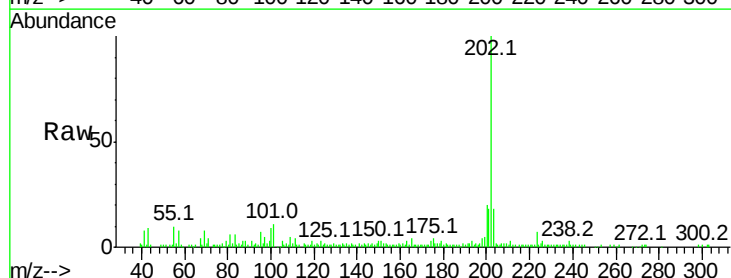
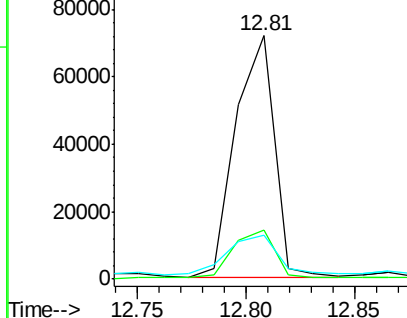
Delta R.T. -0.01 min

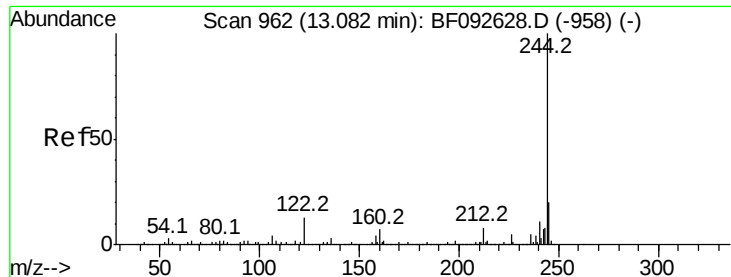
Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Tgt Ion:	202	Resp:	88649
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.7	26.5
203	18.0	14.7	22.1

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: 55.58 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

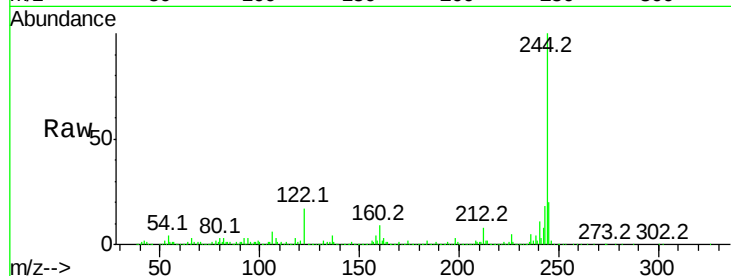
ClientSampleId :

CLP-B-01(0-5)RE

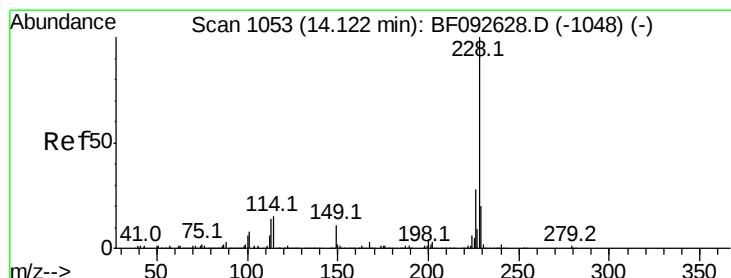
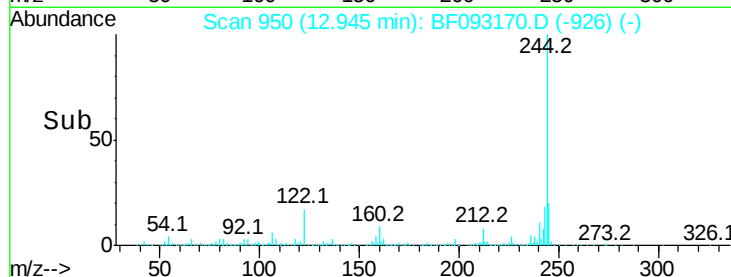
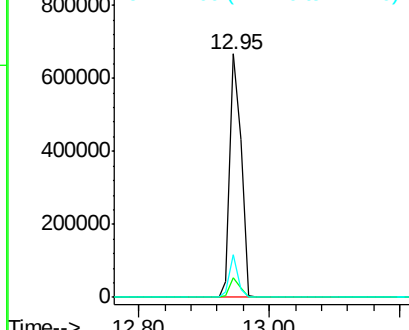
Tot Ion:	244	Resp:	795327
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	17.3	11.4	17.2#

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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: 2.82 ng

RT: 14.00 min Scan# 1042

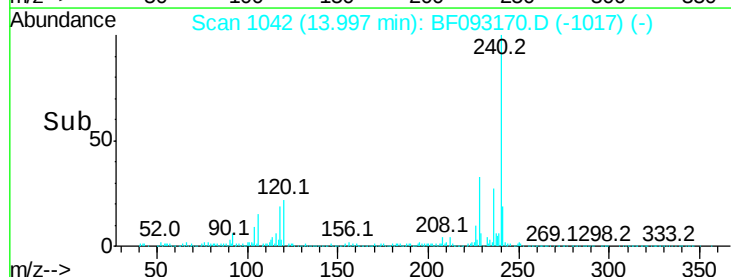
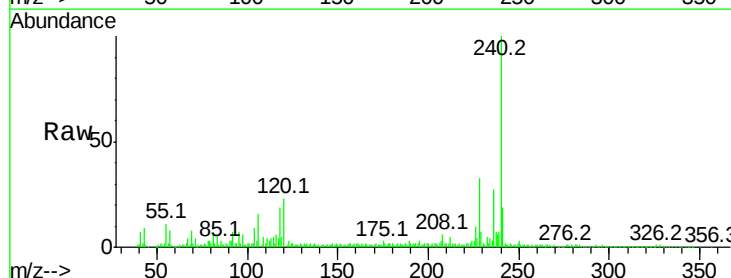
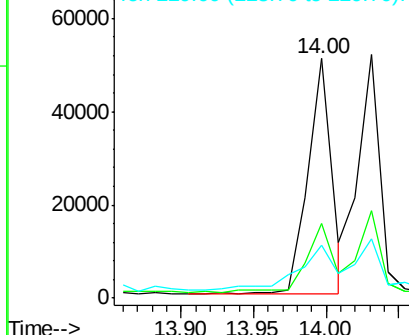
Delta R.T. -0.01 min

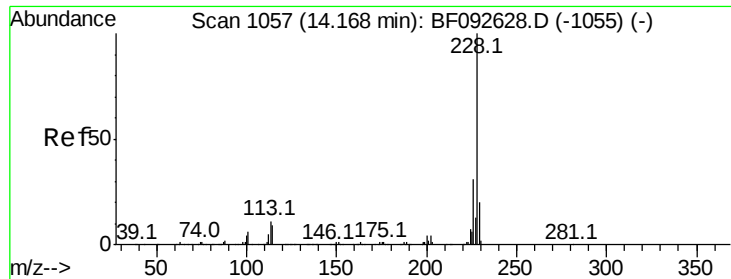
Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Tgt Ion:	228	Resp:	57984
Ion Ratio	Lower	Upper	
228	100		
226	31.3	22.4	33.6
229	22.2	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.84 ng/mL

RT: 14.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

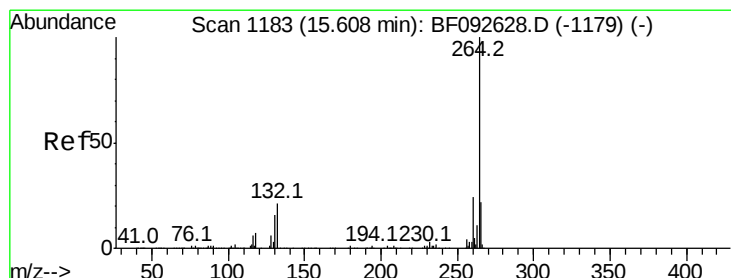
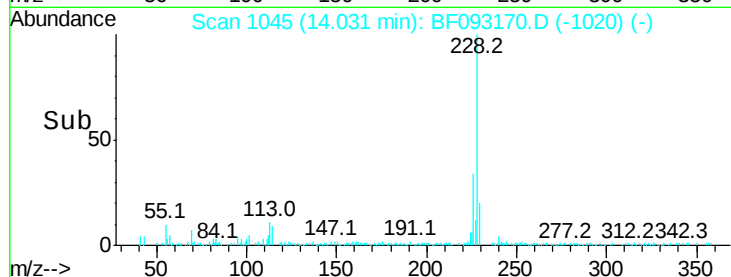
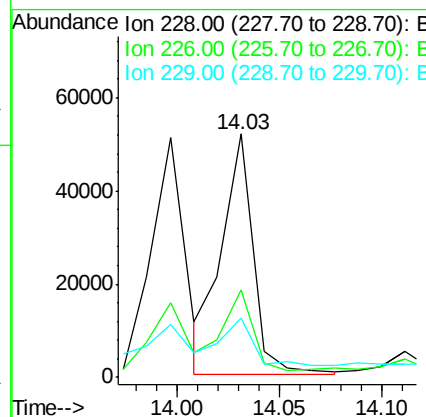
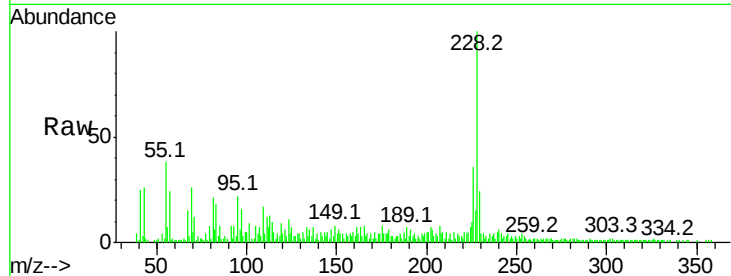
ClientSampleId :

CLP-B-01(0-5)RE

Tot Ion:	228	Resp:	54694
Ion Ratio	Lower	Upper	
228	100		
226	35.7	25.4	38.0
229	24.2	16.2	24.2

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#86

Perylene-d12

Concen: 20.00 ng/mL

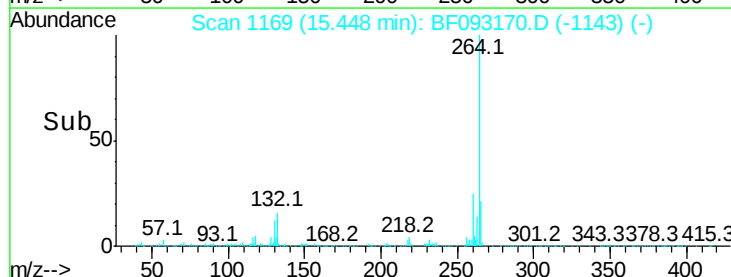
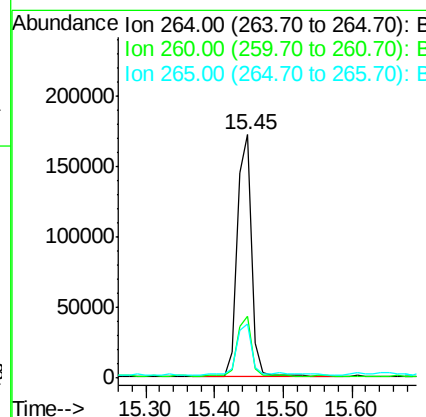
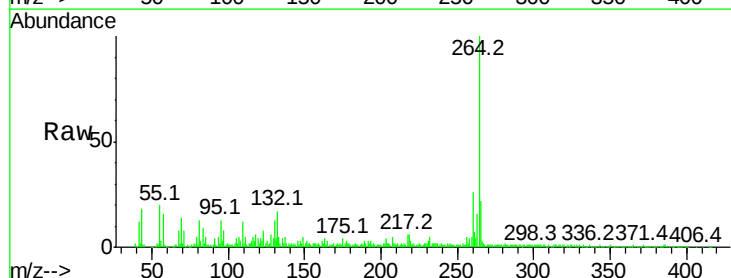
RT: 15.45 min Scan# 1169

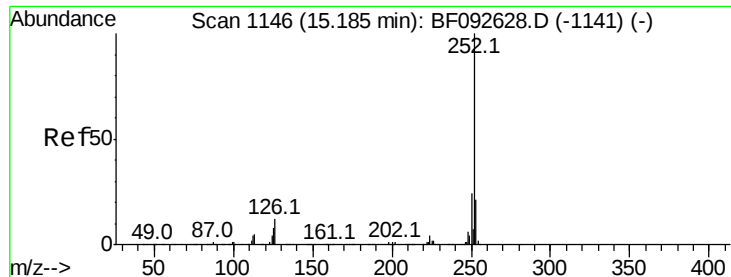
Delta R.T. -0.00 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Tgt Ion:	264	Resp:	251263
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.2	28.8
265	22.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 4.20 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Instrument :

BNA_F

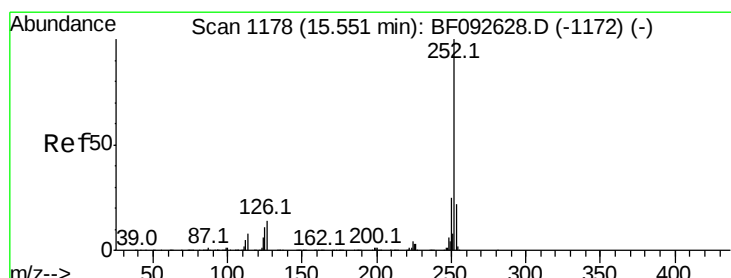
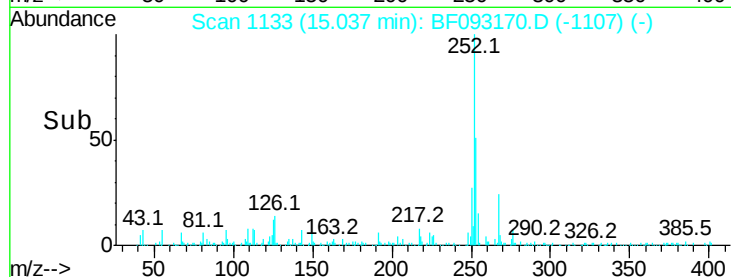
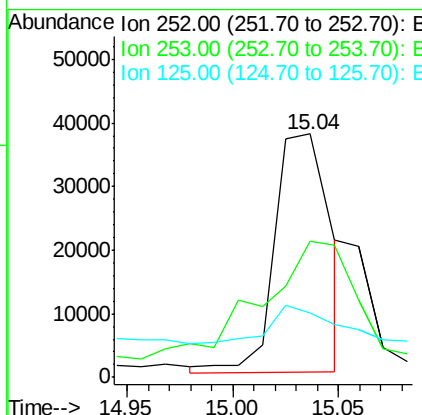
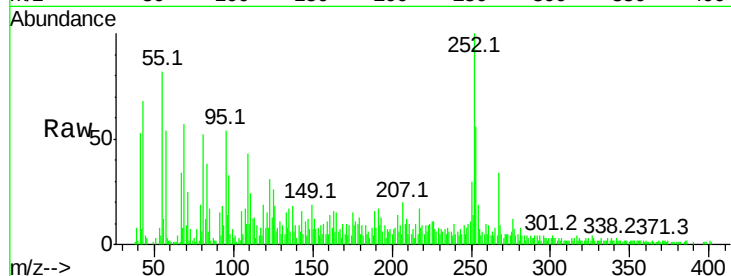
ClientSampleId :

CLP-B-01(0-5)RE

Tot Ion:	252	Resp:	69518
Ion Ratio	Lower	Upper	
252	100		
253	56.1	18.2	27.4#
125	26.2	9.8	14.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.89 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093170.D

Acq: 25 Feb 2017 3:15

Tgt Ion:	252	Resp:	41287
Ion Ratio	Lower	Upper	
252	100		
253	29.7	18.2	27.2#
125	30.0	10.0	15.0#

