

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093203.D
 Acq On : 27 Feb 2017 12:37
 Operator : SJ/MA
 Sample : I1954-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 27 18:07:00 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	171520	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	672793	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	292240	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	442457	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	373249	20.00	ng	-0.01
86) Perylene-d12	15.44	264	312035	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1161485	116.18	ng	-0.02
7) Phenol-d6	6.48	99	1445011	112.33	ng	-0.01
23) Nitrobenzene-d5	7.40	82	986336	81.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	242132	114.56	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1500458	93.02	ng	-0.01
78) Terphenyl-d14	12.96	244	1034990	65.15	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	70798	4.70	ng	Qvalue 94
49) Dimethylphthalate	9.61	163	132255	6.72	ng	100
74) Fluoranthene	12.58	202	91244	3.49	ng	97
77) Pyrene	12.81	202	110971	3.97	ng	99
80) Benzo(a)anthracene	14.00	228	67019	2.94	ng	95
82) Chrysene	14.03	228	65852	3.08	ng	95
87) Benzo(b)fluoranthene	15.03	252	88721m	4.32	ng	
89) Benzo(a)pyrene	15.38	252	52071	2.93	ng	# 82
91) Benzo(g,h,i)perylene	17.29	276	31155	2.15	ng	# 81

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

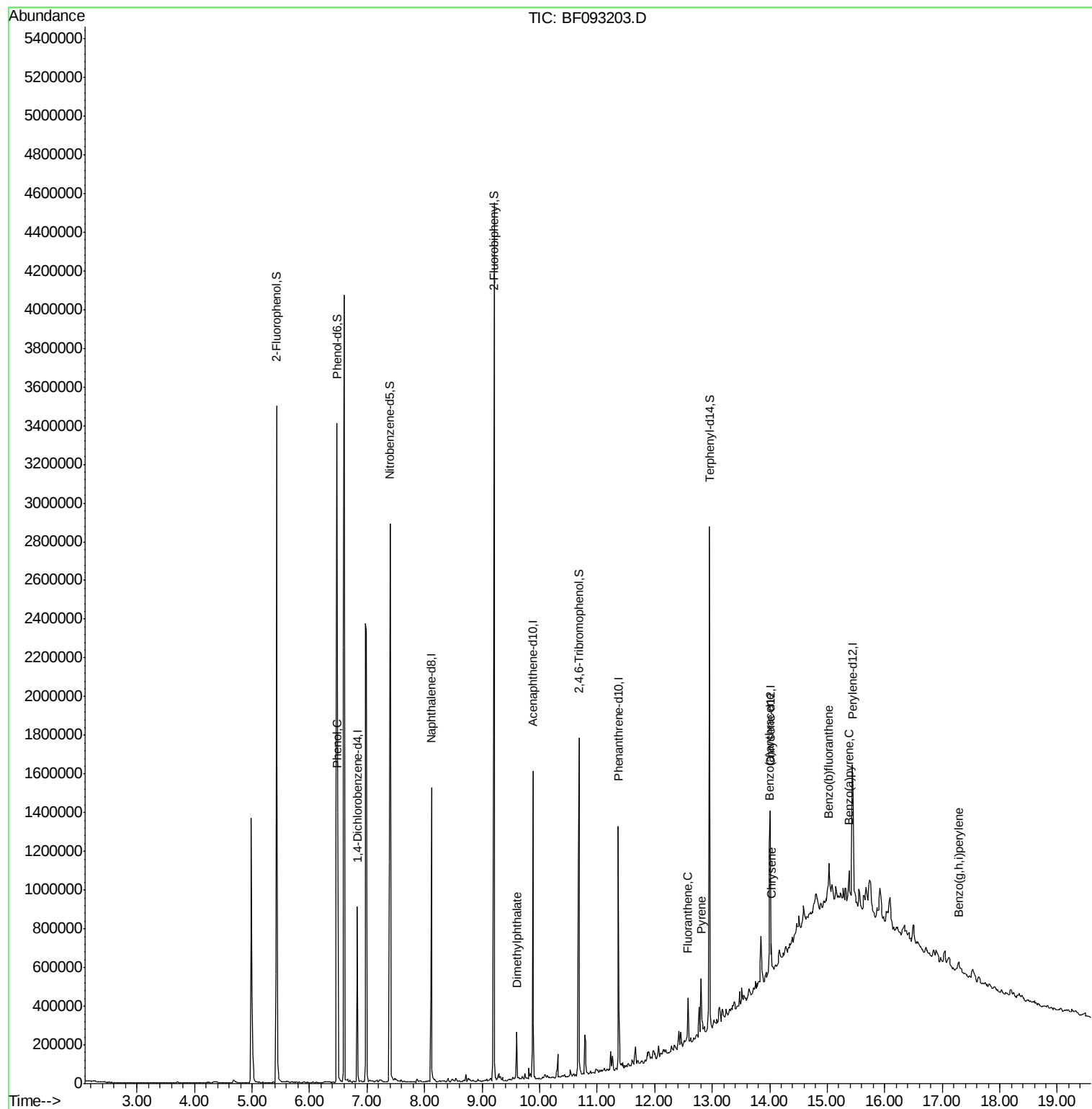
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

Instrument :

BNA_F

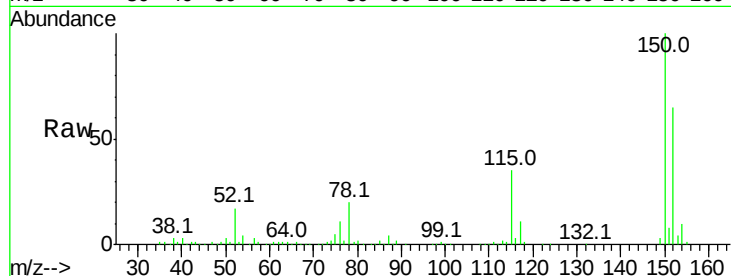
ClientSampleId :

CLP-B-01(0-5)

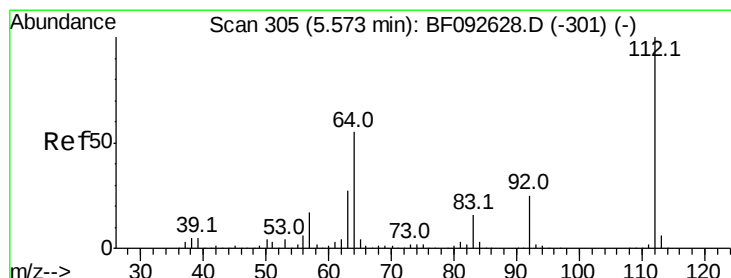
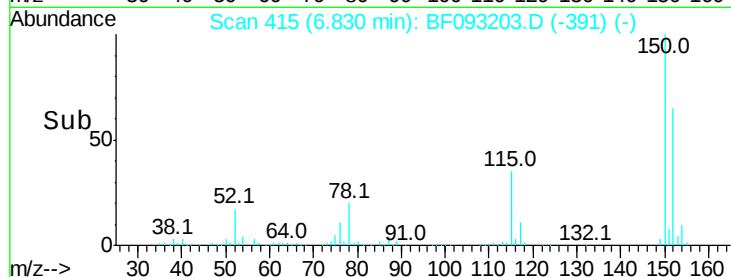
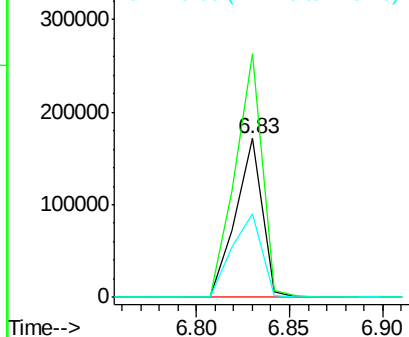
Tot Ion:	152	Resp:	171520
Ion Ratio	Lower	Upper	
152	100		
150	153.1	124.9	187.3
115	52.8	46.0	69.0

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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: 116.18 ng

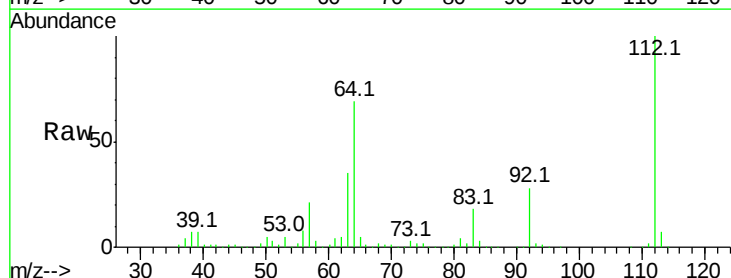
RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

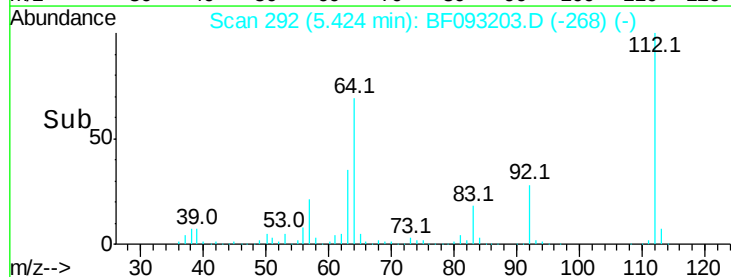
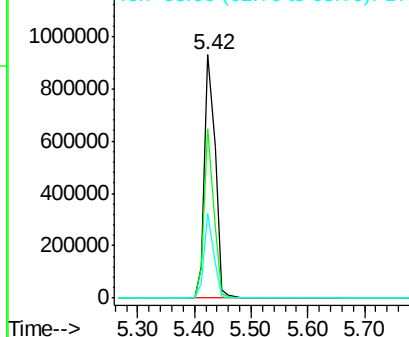
Lab File: BF093203.D

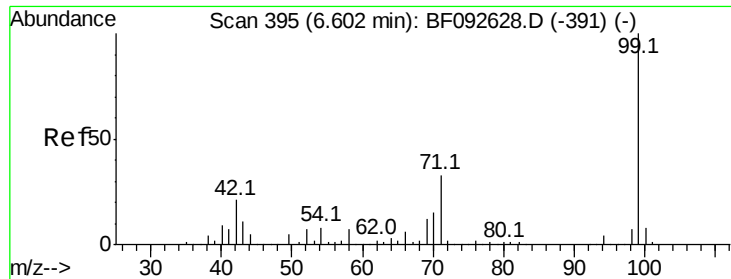
Acq: 27 Feb 2017 12:37

Tgt Ion:	112	Resp:	1161485
Ion Ratio	Lower	Upper	
112	100		
64	69.4	46.1	69.1#
63	34.7	23.8	35.6



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: 112.33 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

Instrument :

BNA_F

ClientSampleId :

CLP-B-01(0-5)

Tot Ion: 99 Resp: 1445011

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

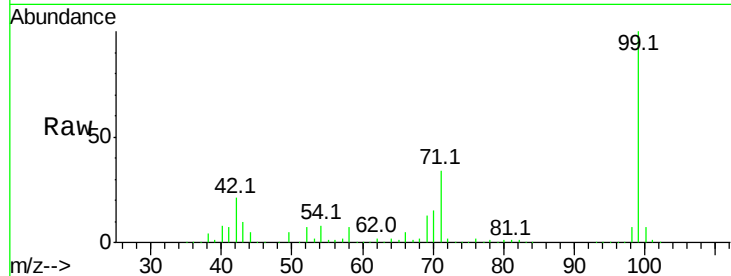
71 33.6 27.5 41.3

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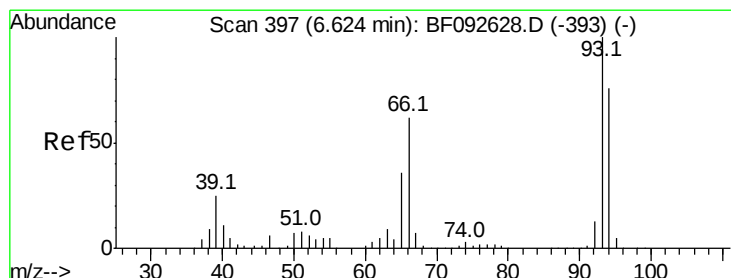
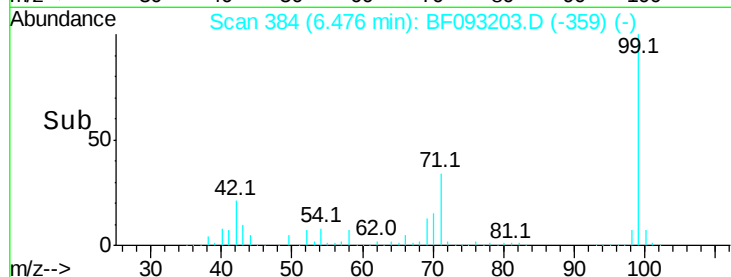
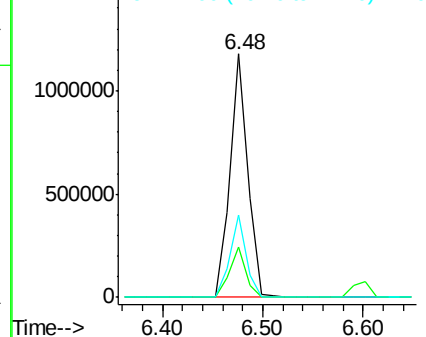
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.70 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

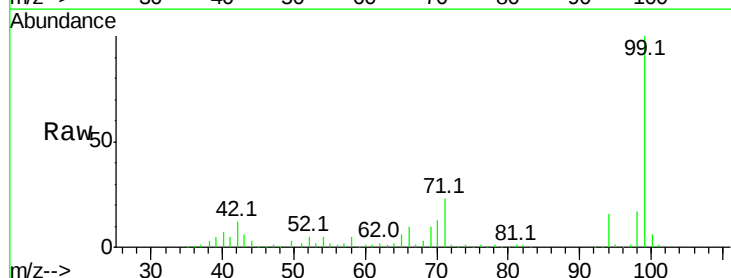
Tgt Ion: 94 Resp: 70798

Ion Ratio Lower Upper

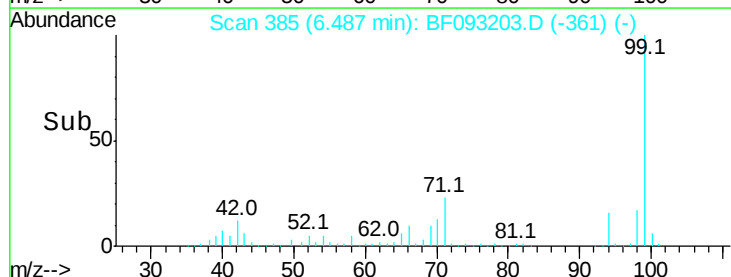
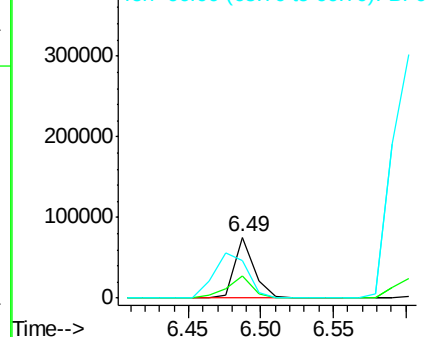
94 100

65 35.8 21.4 61.4

66 60.5 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





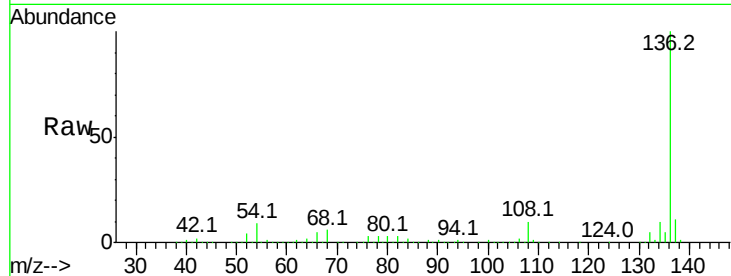
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Instrument :
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ClientSampleId :
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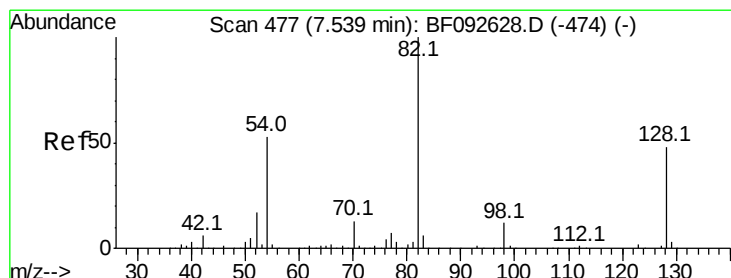
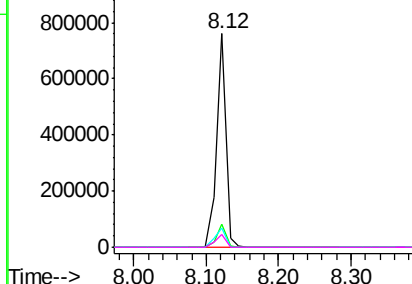
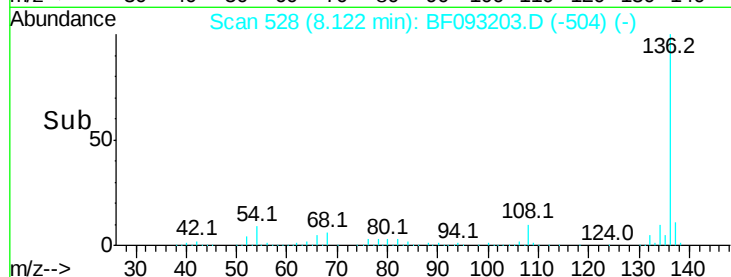
Tot Ion	Ratio	Resp	Lower	Upper
136	100	672793		
137	10.9		8.4	12.6
54	8.8		4.5	6.7#
68	6.3		3.6	5.4#

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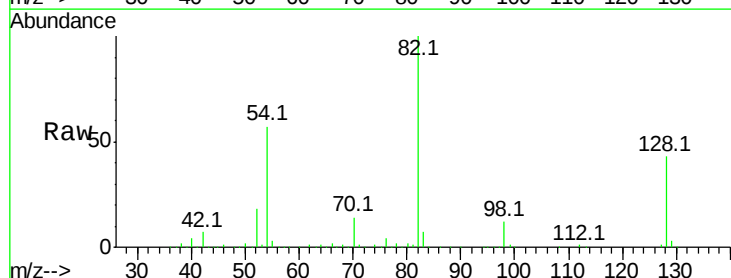


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

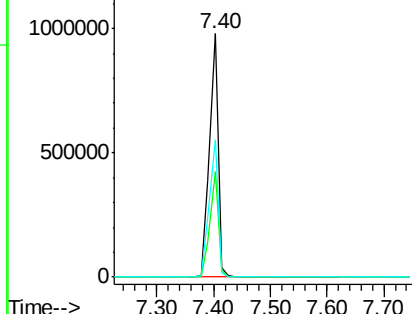
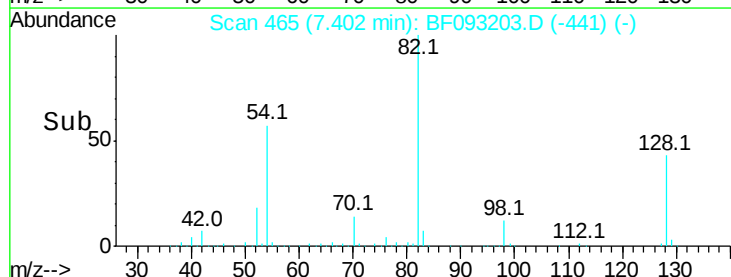


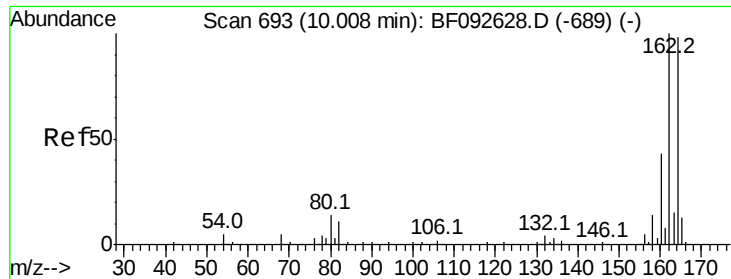
#23
Nitrobenzene-d5
Concen: 81.64 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	986336		
128	43.4		34.6	52.0
54	56.6		39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





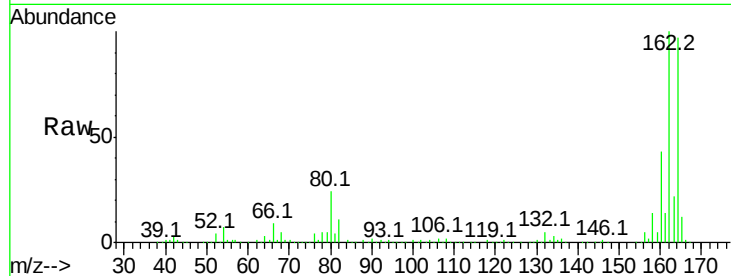
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

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

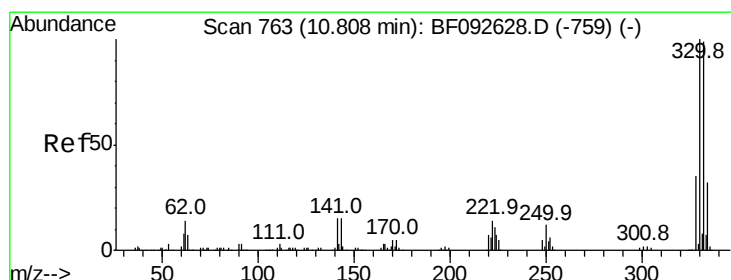
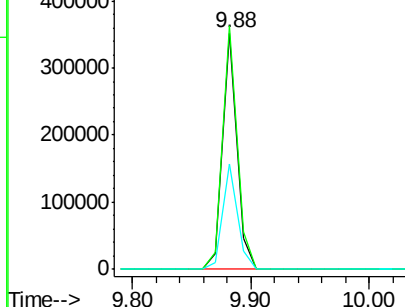
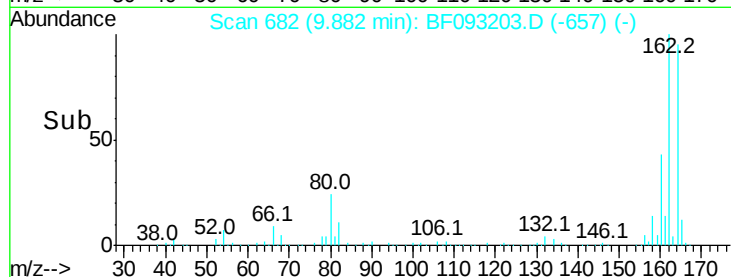
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	44.7	36.9	55.3

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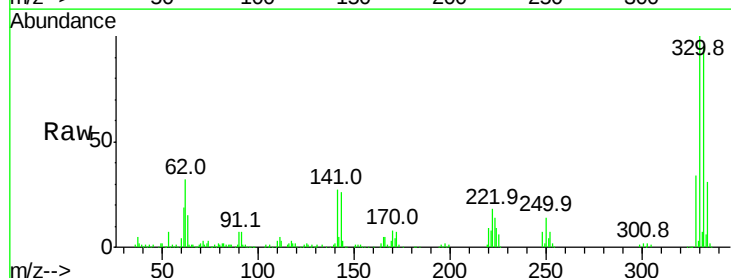


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

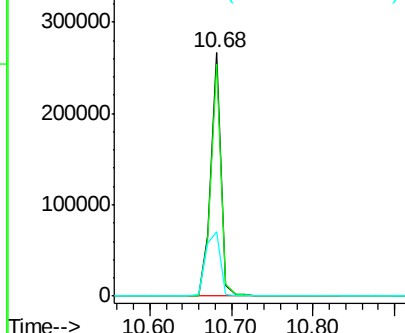
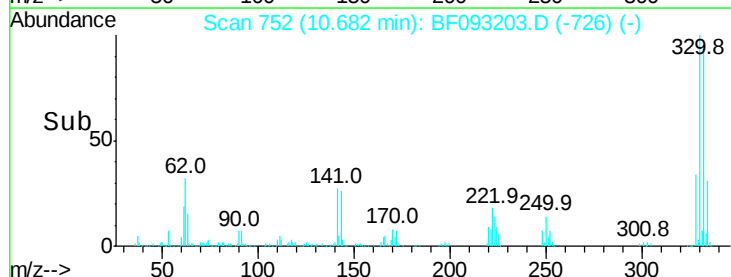


#41
2,4,6-Tribromophenol
Concen: 114.56 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	39.1	34.1	51.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





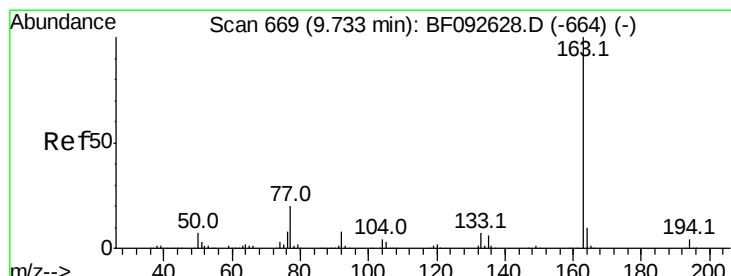
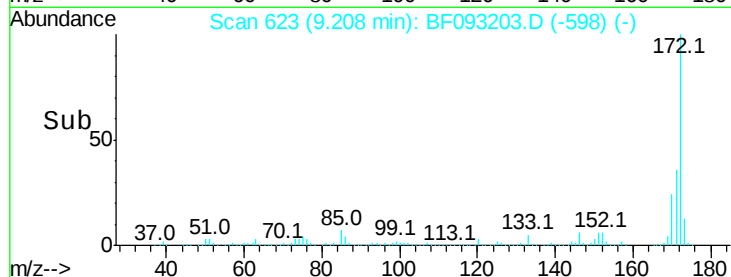
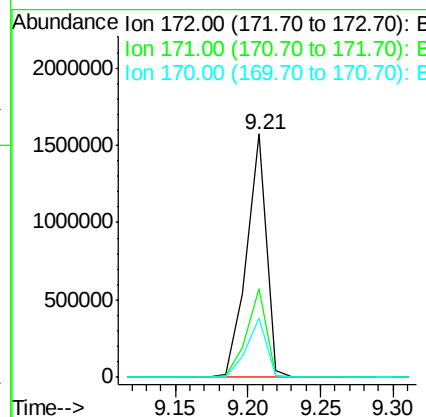
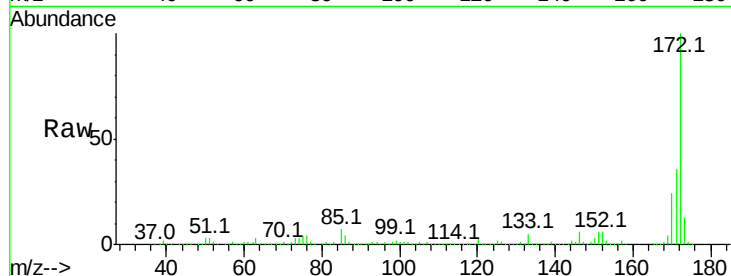
#44
2-Fluorobiphenyl
Concen: 93.02 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	20.2	30.4

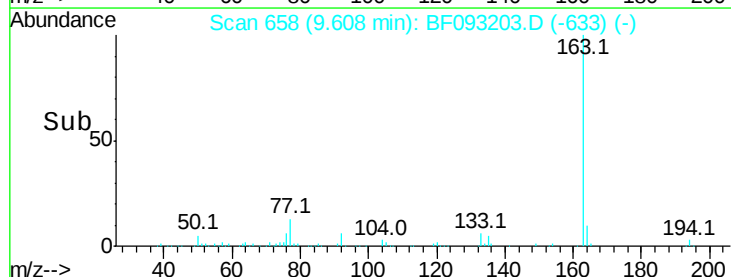
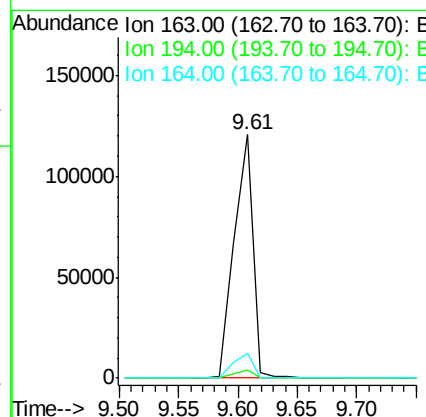
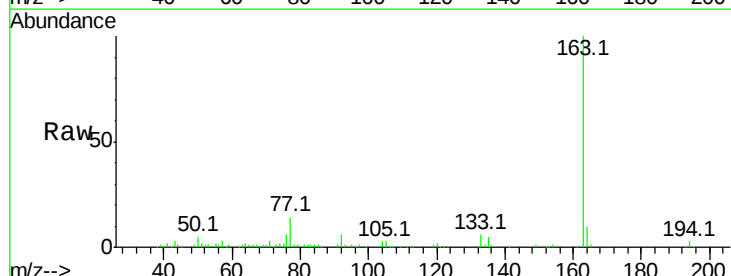
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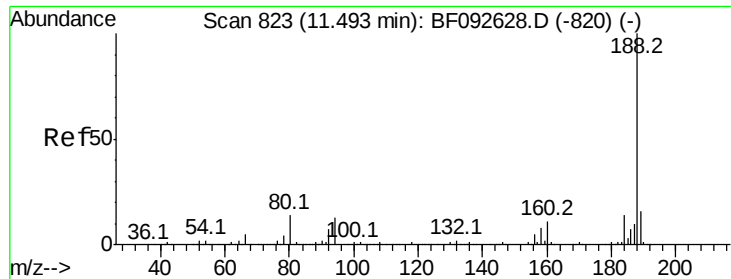
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#49
Dimethylphthalate
Concen: 6.72 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.2	8.0	12.0





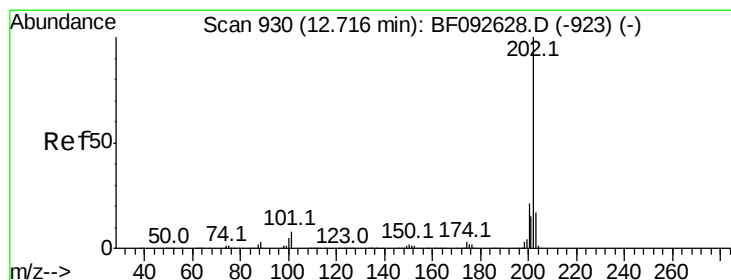
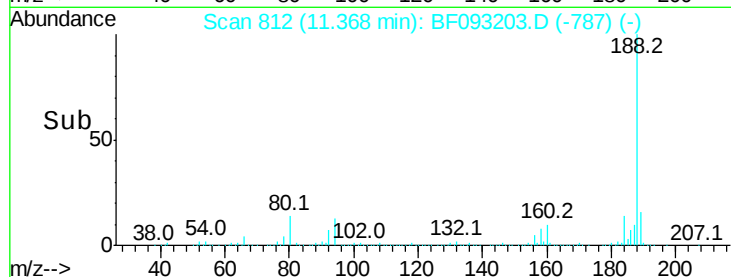
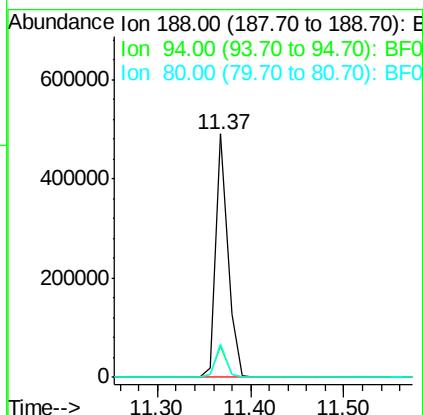
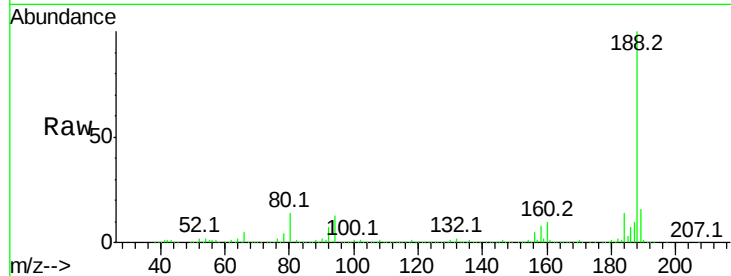
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Instrument :
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CLP-B-01(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442457		
94	12.9		10.0	15.0
80	13.9		11.2	16.8

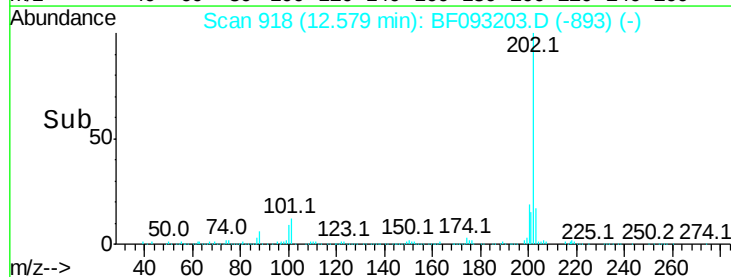
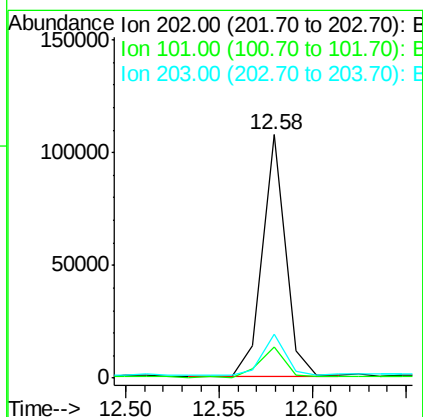
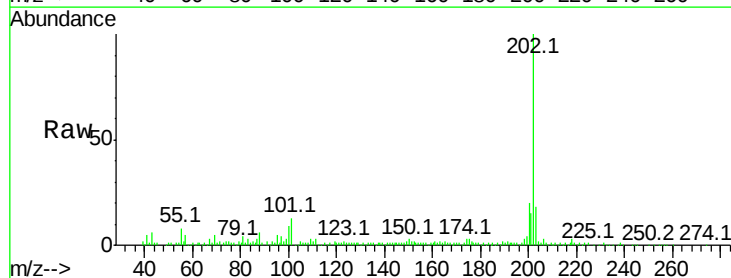
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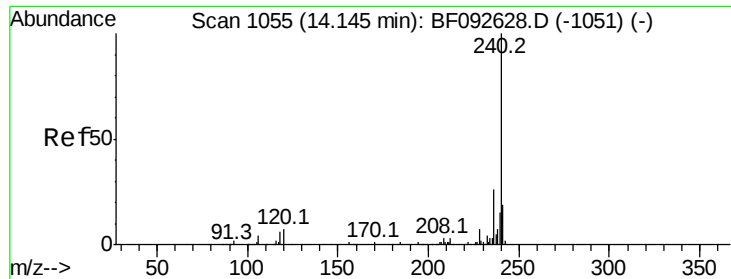
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#74
Fluoranthene
Concen: 3.49 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	91244		
101	12.6		0.0	34.6
203	18.0		0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

Instrument :

BNA_F

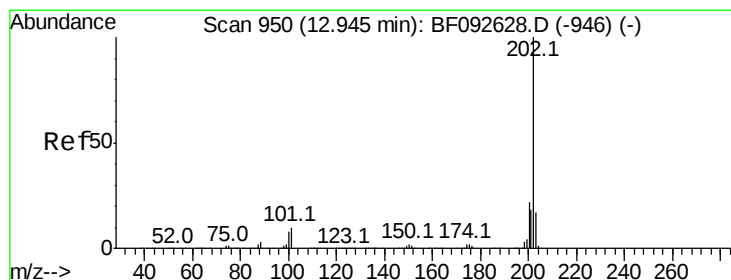
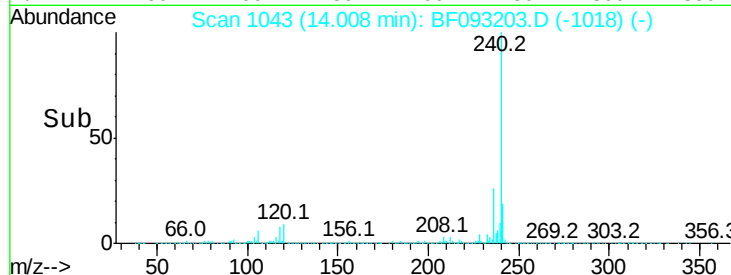
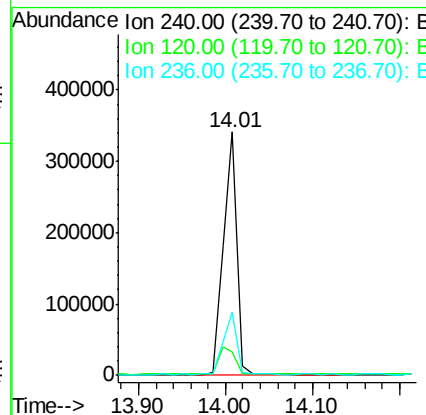
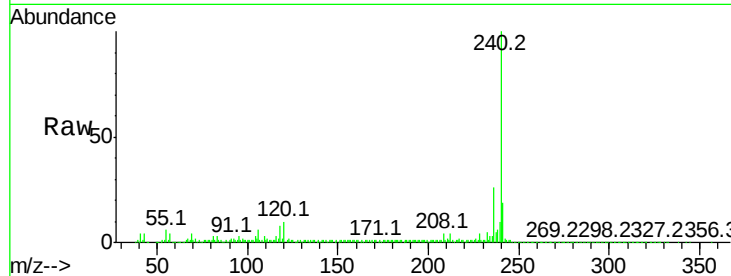
ClientSampleId :

CLP-B-01(0-5)

Tot Ion:	240	Resp:	373249
Ion Ratio	Lower	Upper	
240	100		
120	9.7	12.9	19.3#
236	26.1	20.9	31.3

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#77

Pyrene

Concen: 3.97 ng

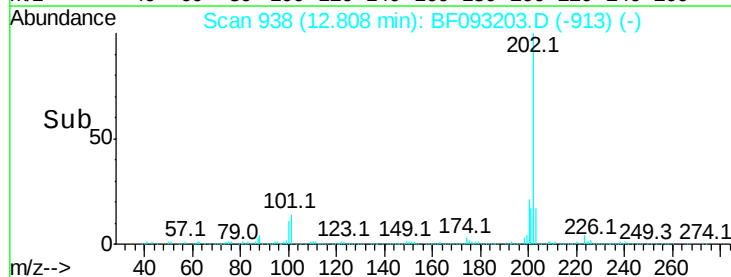
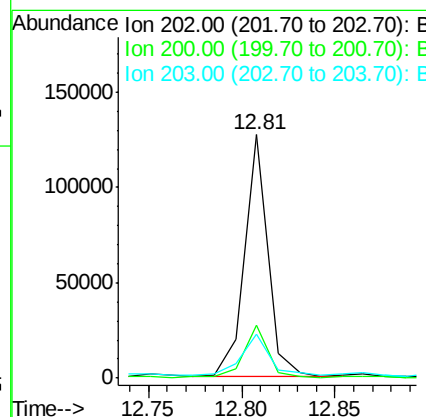
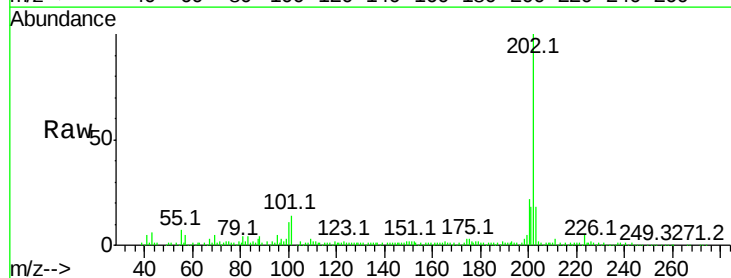
RT: 12.81 min Scan# 938

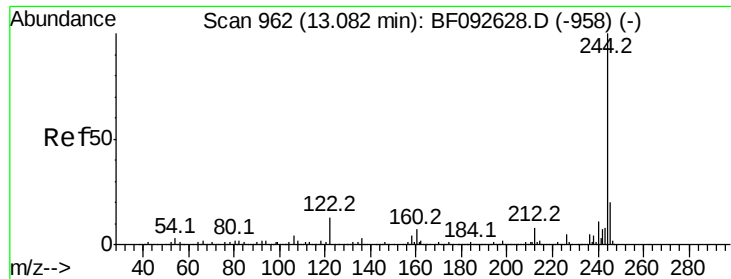
Delta R.T. -0.01 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

Tgt Ion:	202	Resp:	110971
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	18.1	14.7	22.1





#78
 Terphenyl-d14
 Concen: 65.15 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093203.D
 Acq: 27 Feb 2017 12:37

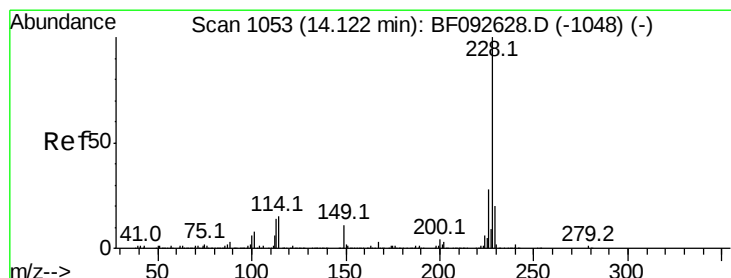
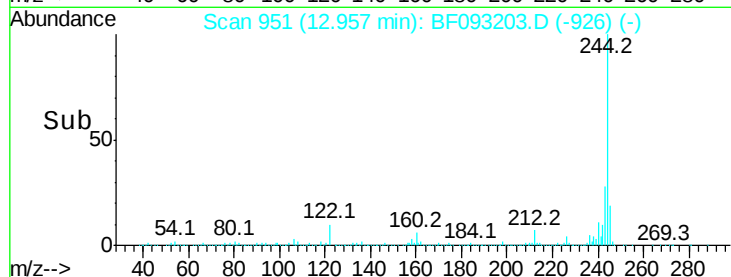
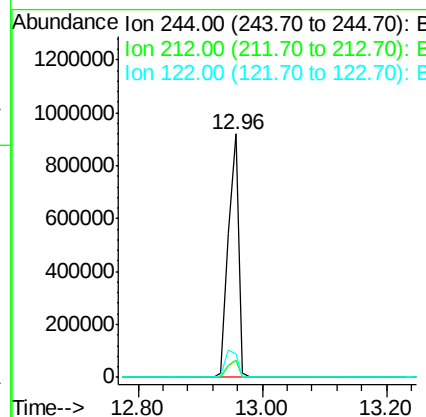
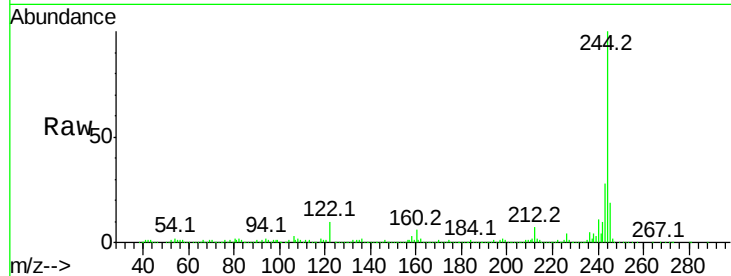
Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(0-5)

Tot Ion:244 Resp: 1034990

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.8	11.4	17.2

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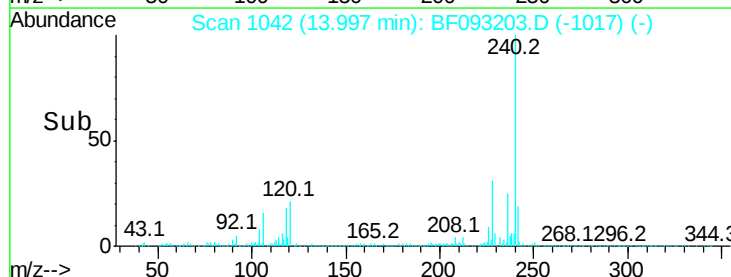
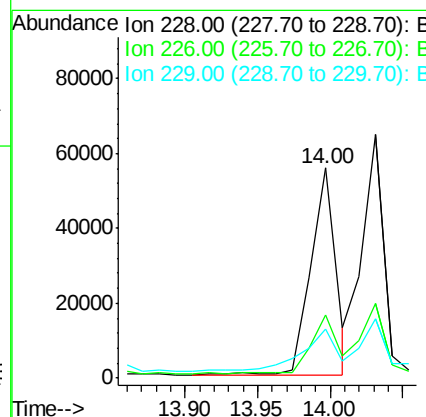
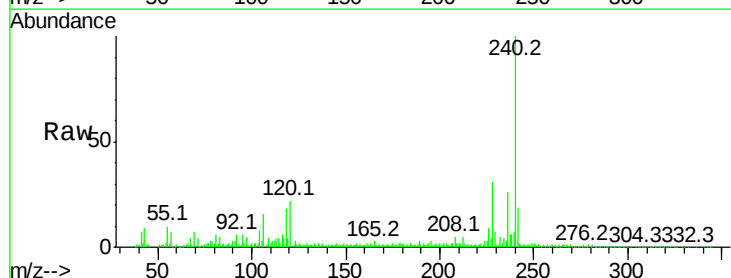
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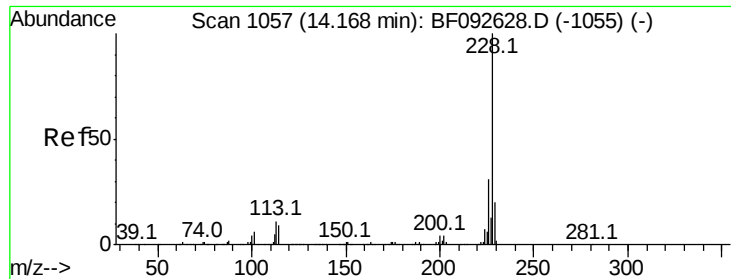


#80
 Benzo(a)anthracene
 Concen: 2.94 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF093203.D
 Acq: 27 Feb 2017 12:37

Tgt Ion:228 Resp: 67019

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.4	33.6
229	23.3	16.2	24.4





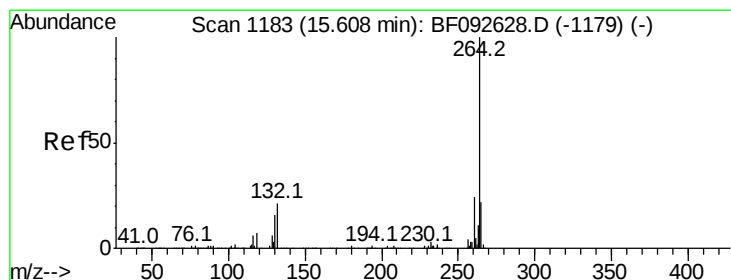
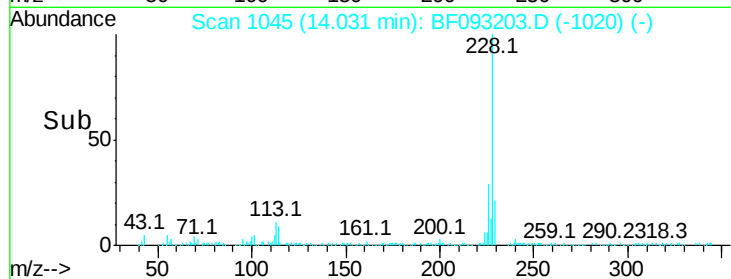
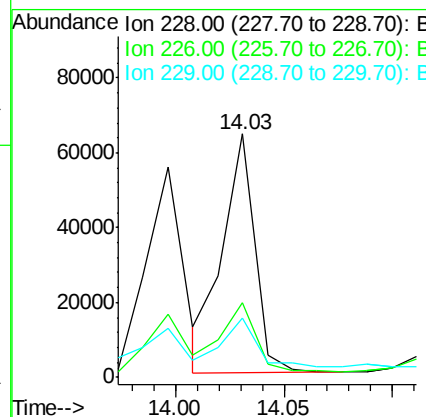
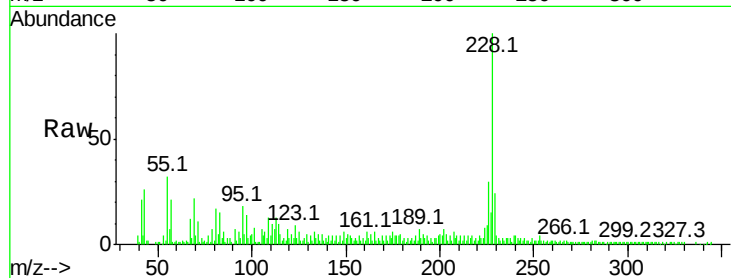
#82
Chrysene
Concen: 3.08 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

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

Tot Ion:	228	Resp:	65852
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	24.1	16.2	24.2

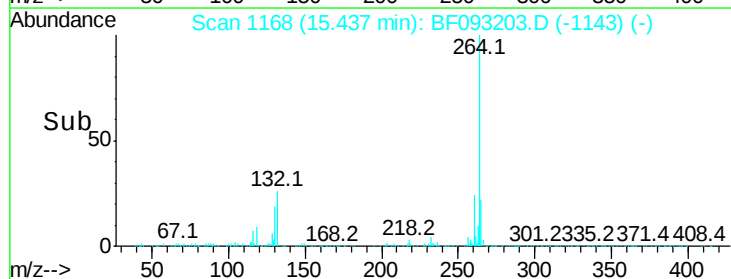
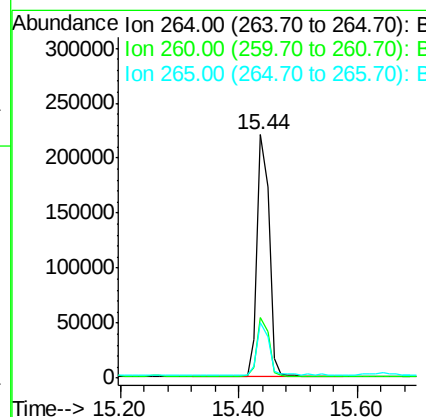
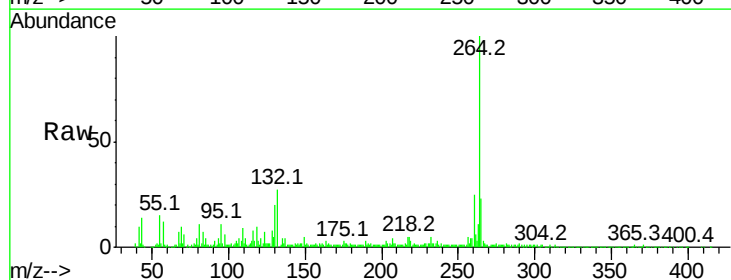
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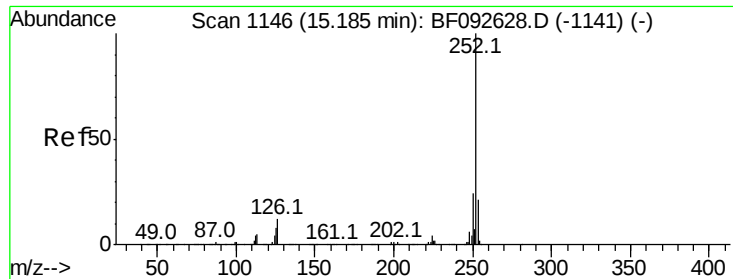
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093203.D
Acq: 27 Feb 2017 12:37

Tgt Ion:	264	Resp:	312035
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 4.32 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

Instrument :

BNA_F

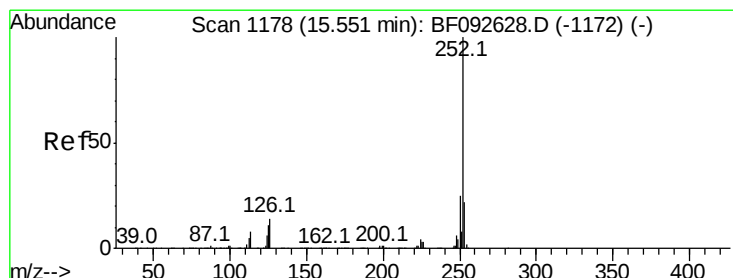
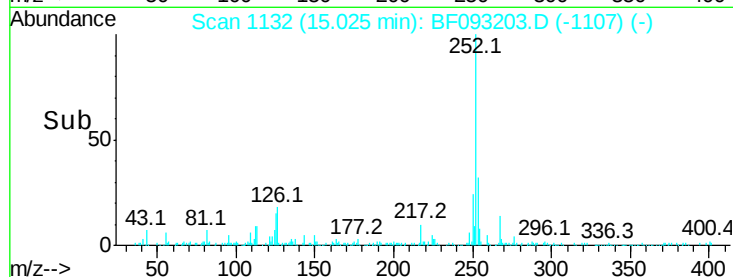
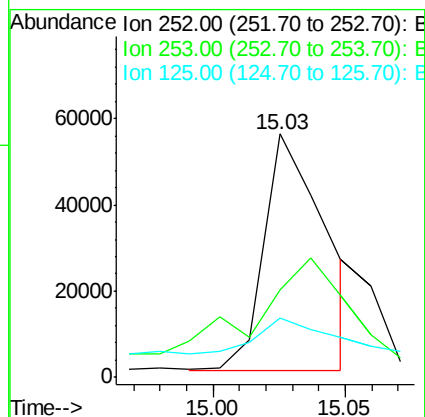
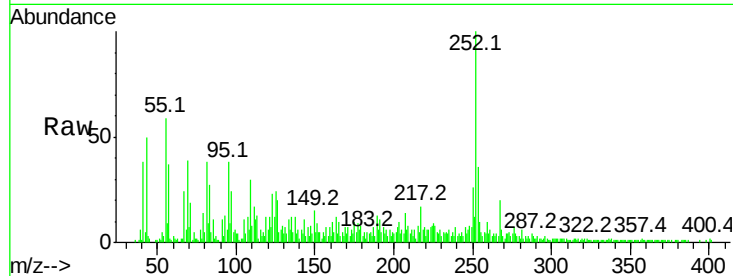
ClientSampleId :

CLP-B-01(0-5)

Tot Ion:	252	Resp:	88721
Ion Ratio	Lower	Upper	
252	100		
253	36.2	18.2	27.4#
125	24.2	9.8	14.6#

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2/28/2017 2:28:29 PM



#89

Benzo(a)pyrene

Concen: 2.93 ng

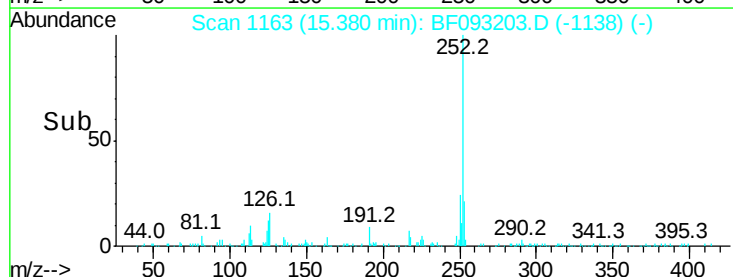
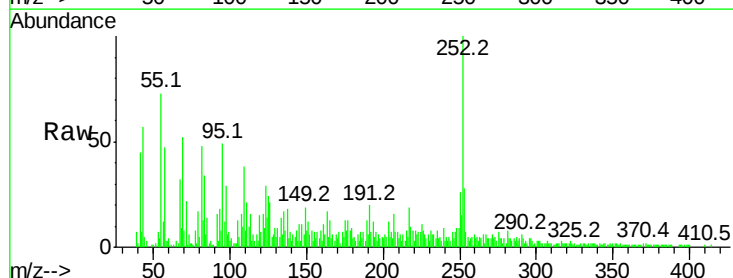
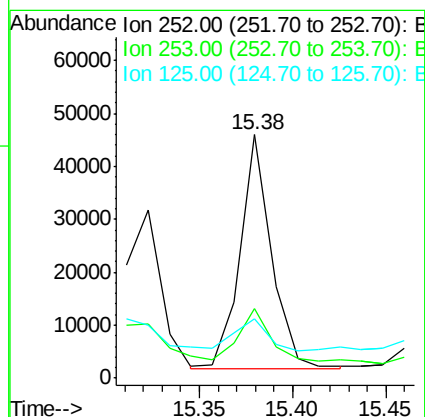
RT: 15.38 min Scan# 1163

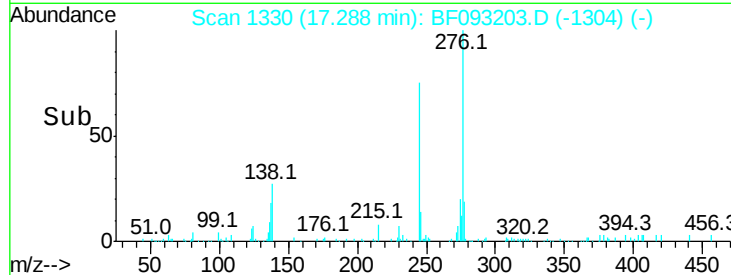
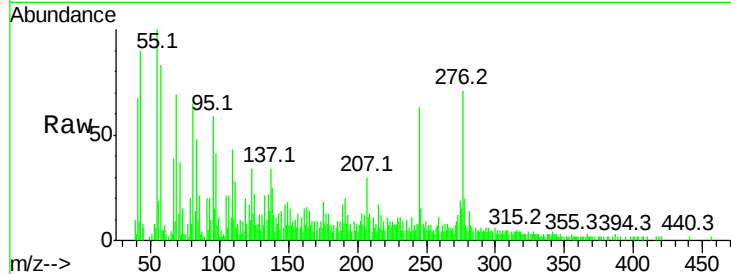
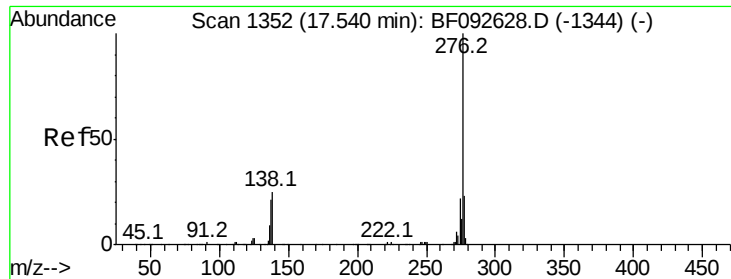
Delta R.T. -0.01 min

Lab File: BF093203.D

Acq: 27 Feb 2017 12:37

Tgt Ion:	252	Resp:	52071
Ion Ratio	Lower	Upper	
252	100		
253	28.5	18.2	27.2#
125	24.3	10.0	15.0#





#91
 Benzo(a,h,i)perylene
 Concen: 2.15 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF093203.D
 Acq: 27 Feb 2017 12:37

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

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	27.8	19.2	28.8
138	35.0	16.0	24.0

Manual Integrations
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