

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093121.D
 Acq On : 23 Feb 2017 23:05
 Operator : SJ/MA
 Sample : I1954-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(0-5)

Manual Integrations
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Quant Time: Feb 24 12:47:41 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	6.84	152	162356	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	596943	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	269635	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	403960	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	304685	20.00	ng	-0.02
86) Perylene-d12	15.44	264	280407	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	998293	105.49	ng	-0.01
7) Phenol-d6	6.48	99	1058043	86.89	ng	-0.01
23) Nitrobenzene-d5	7.41	82	784461	73.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	189623	97.23	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1177923	79.14	ng	-0.01
78) Terphenyl-d14	12.95	244	724606	55.88	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	29390	2.06	ng	93
37) 2-Methylnaphthalene	8.84	142	50451	2.60	ng	97
49) Dimethylphthalate	9.60	163	211963	11.67	ng	99
70) Phenanthrene	11.38	178	59074	2.55	ng	97

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

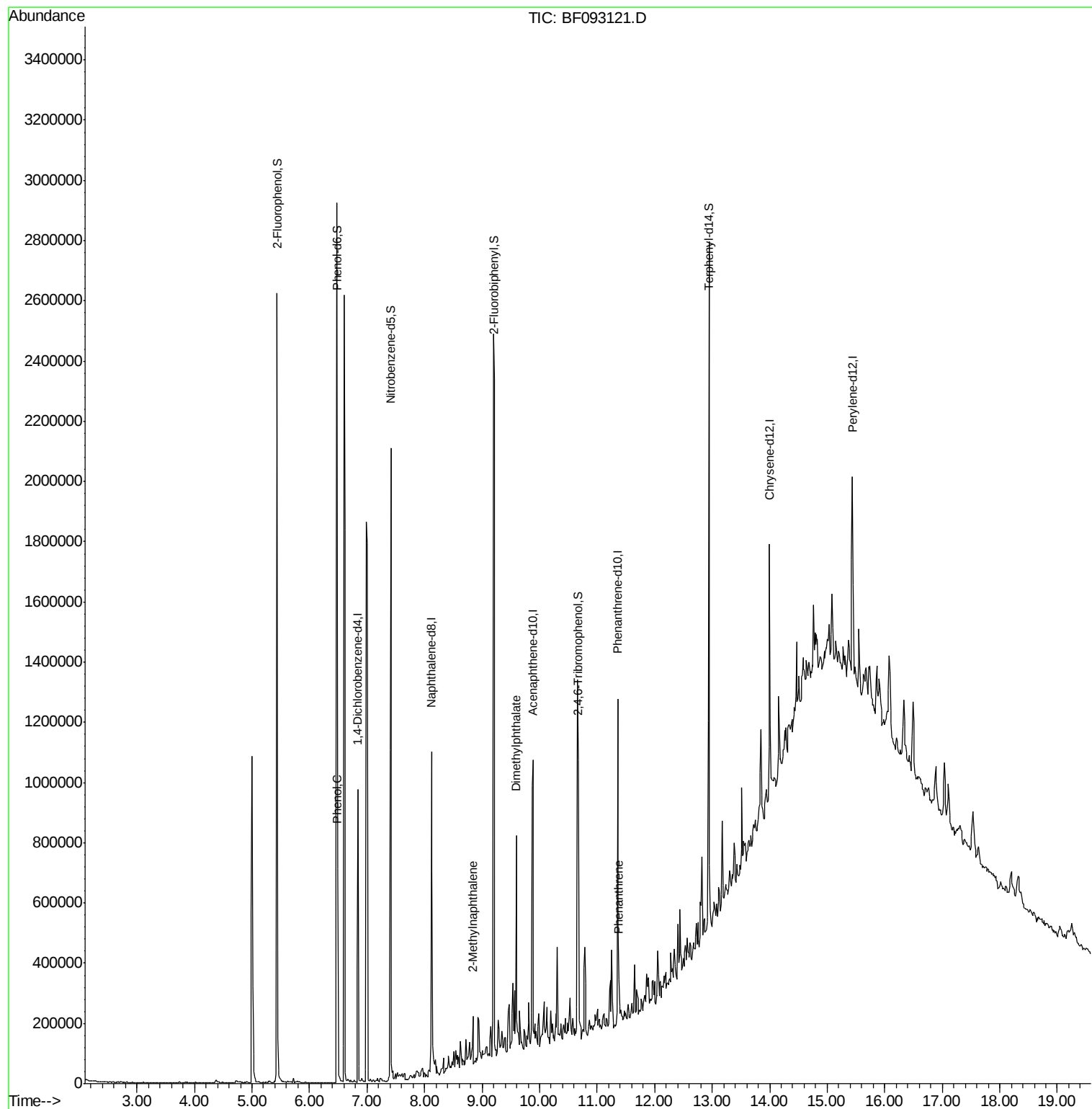
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
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QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Instrument :

BNA_F

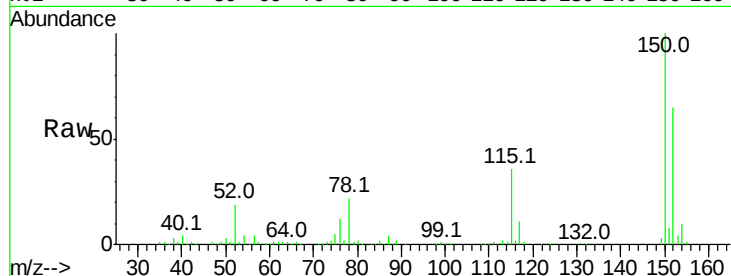
ClientSampleId :

CLP-S-04(0-5)

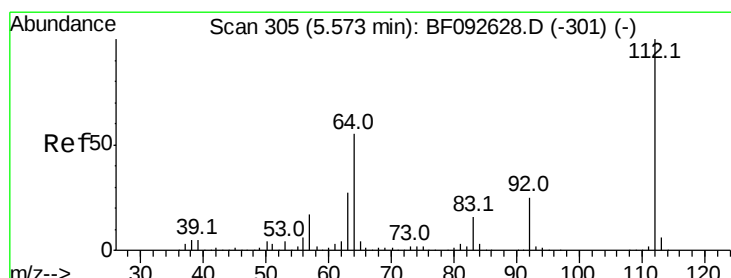
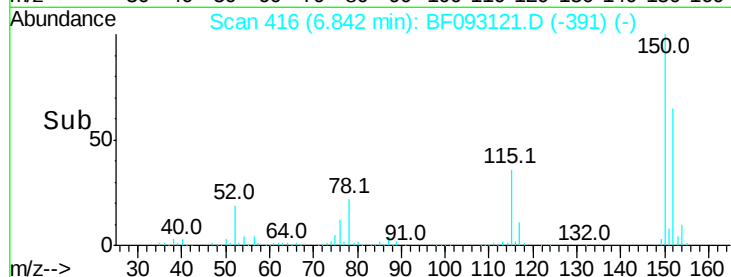
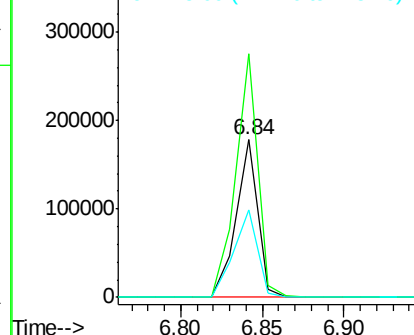
Tot Ion:	152	Resp:	162356
Ion Ratio	Lower	Upper	
152	100		
150	154.6	124.9	187.3
115	55.8	46.0	69.0

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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: 105.49 ng

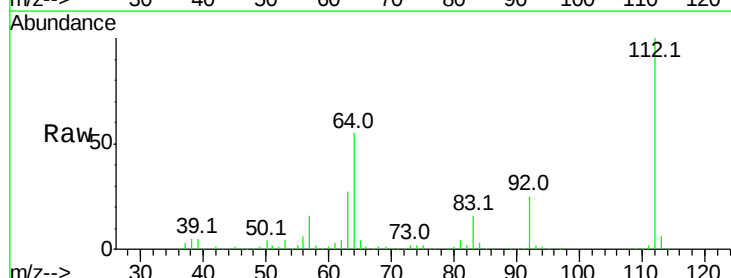
RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

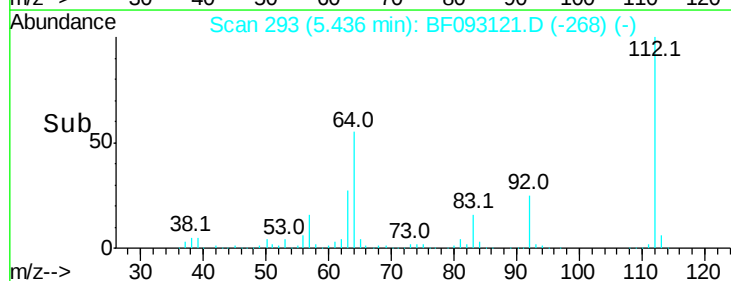
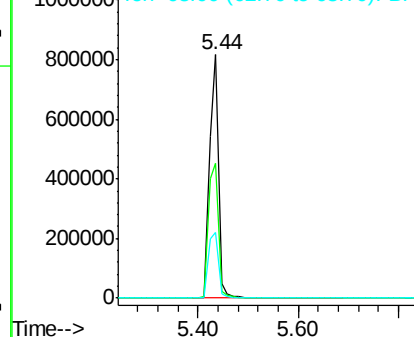
Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Tgt Ion:	112	Resp:	998293
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.1	69.1
63	27.0	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: 86.89 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

CLP-S-04(0-5)

Tot Ion: 99 Resp: 1058043

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

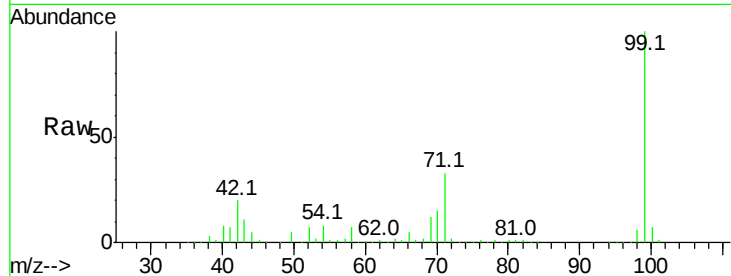
71 32.7 27.5 41.3

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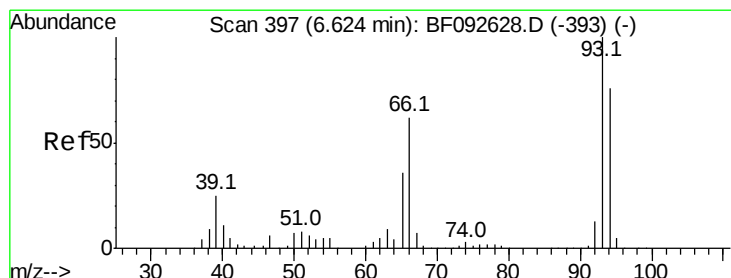
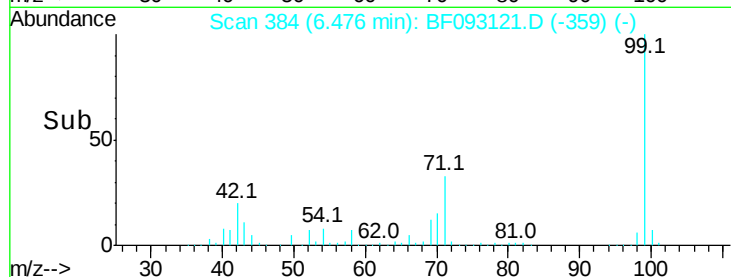
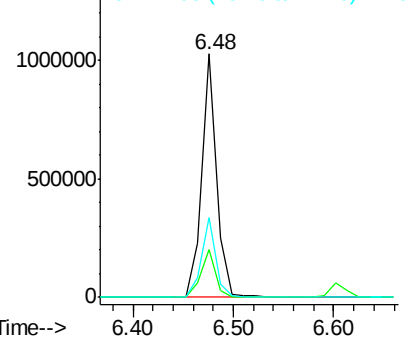
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.06 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

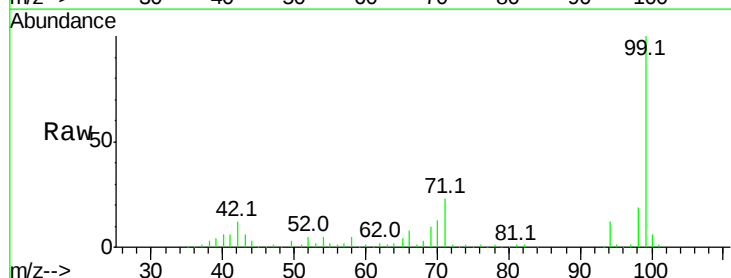
Tgt Ion: 94 Resp: 29390

Ion Ratio Lower Upper

94 100

65 35.0 21.4 61.4

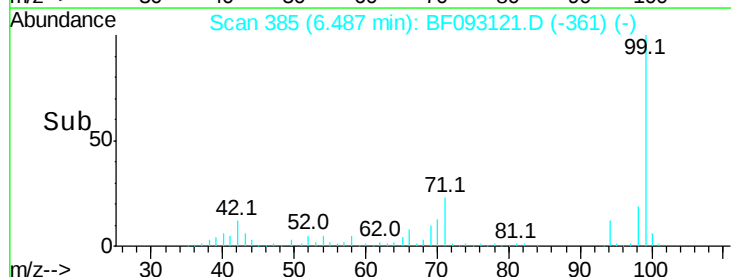
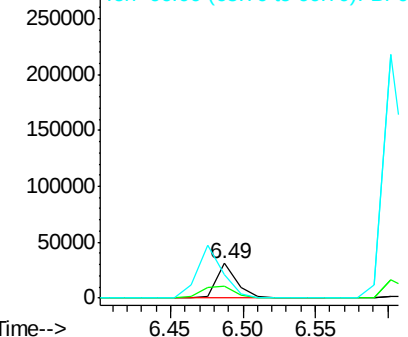
66 68.0 44.0 84.0

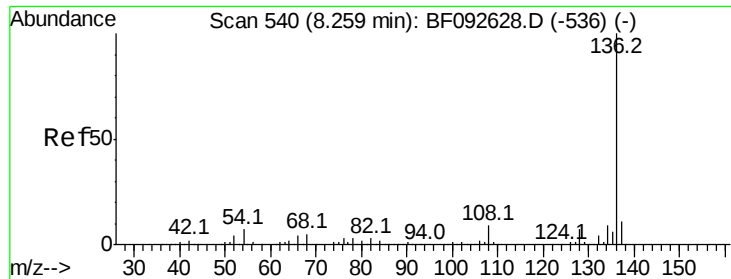


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF093121.D

Acq: 23 Feb 2017 23:05

Instrument :

BNA_F

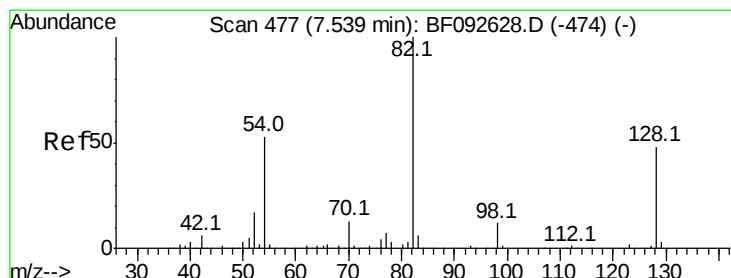
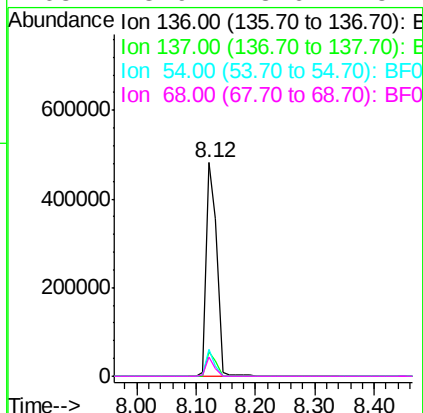
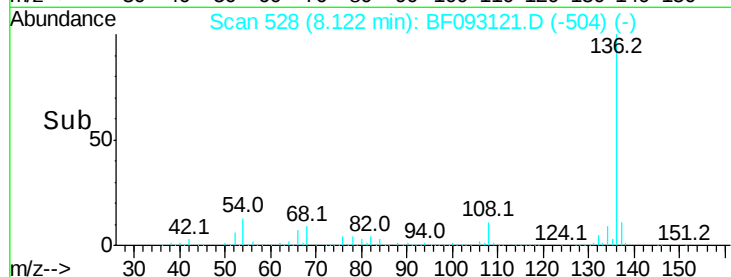
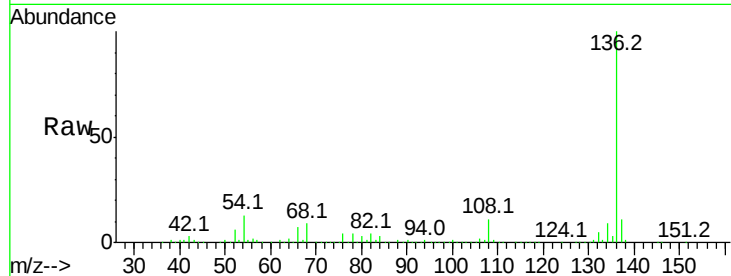
ClientSampleId :

CLP-S-04(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	596943		
137	11.3		8.4	12.6
54	12.7		4.5	6.7#
68	8.9		3.6	5.4#

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#23

Nitrobenzene-d5

Concen: 73.18 ng

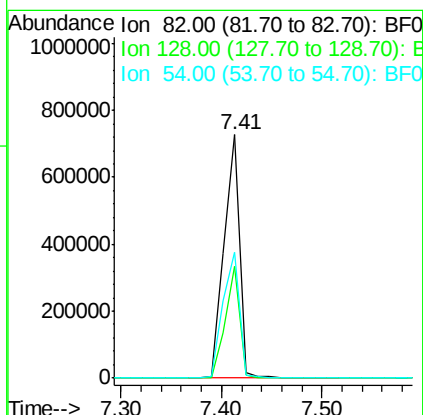
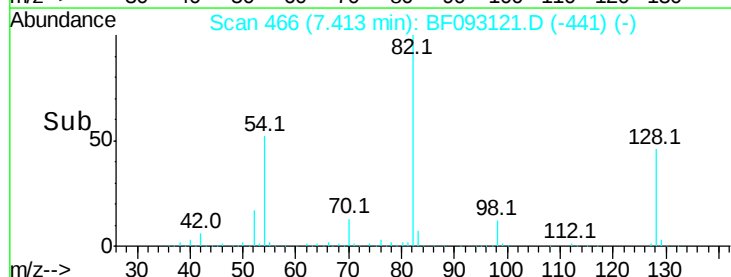
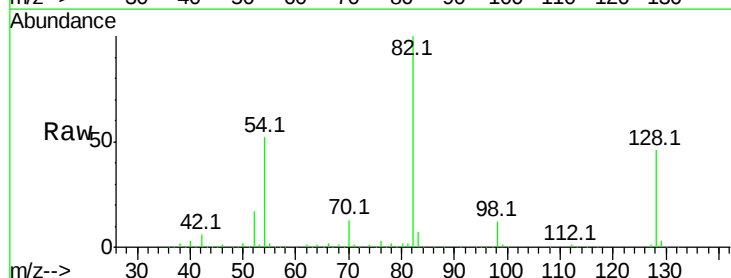
RT: 7.41 min Scan# 466

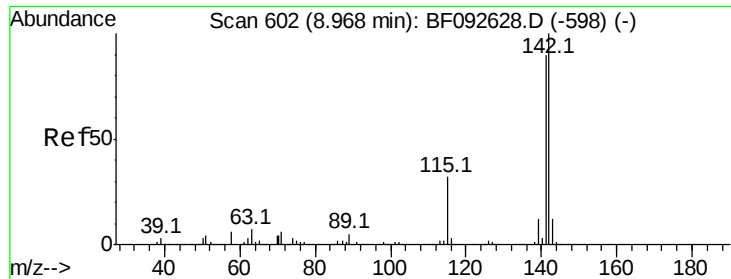
Delta R.T. -0.01 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	784461		
128	46.2		34.6	52.0
54	51.8		39.5	59.3





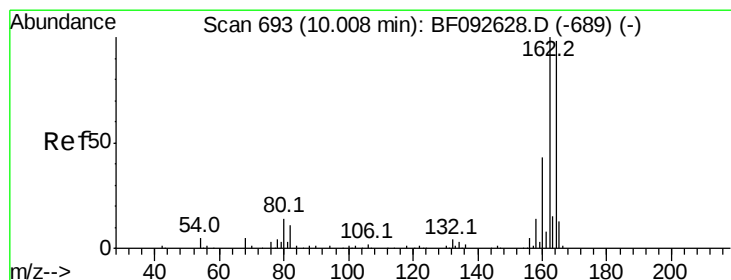
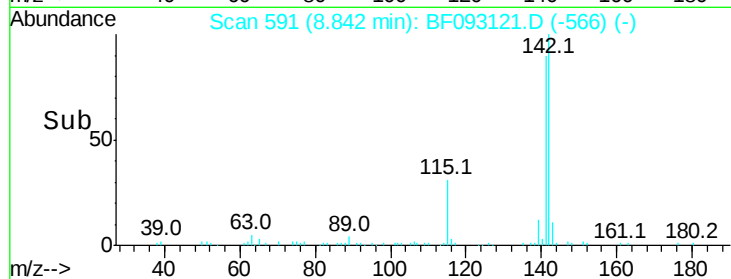
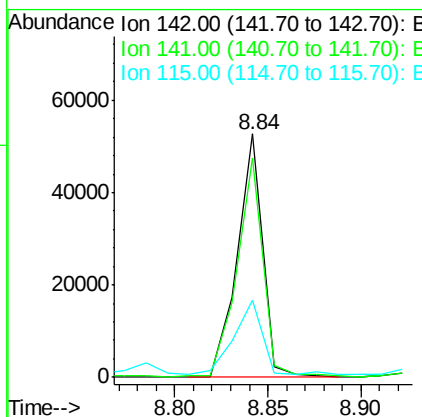
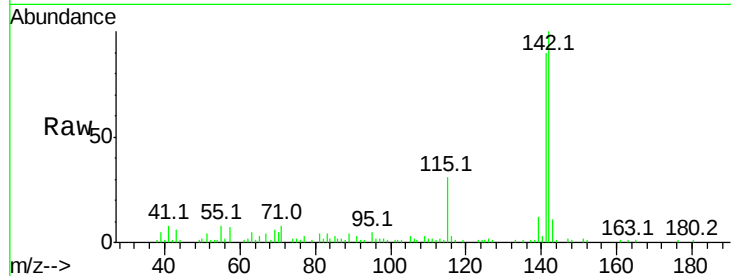
#37
2-Methylnaphthalene
Concen: 2.60 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093121.D
Acq: 23 Feb 2017 23:05

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(0-5)

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	31.5	28.3	42.5

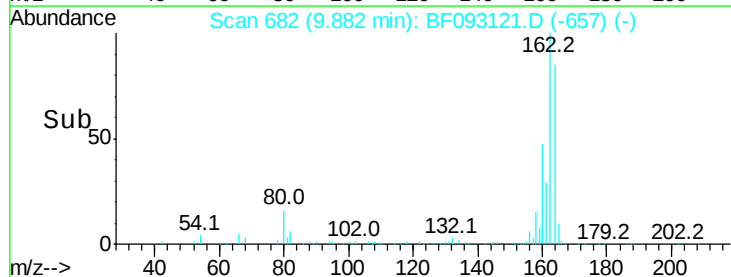
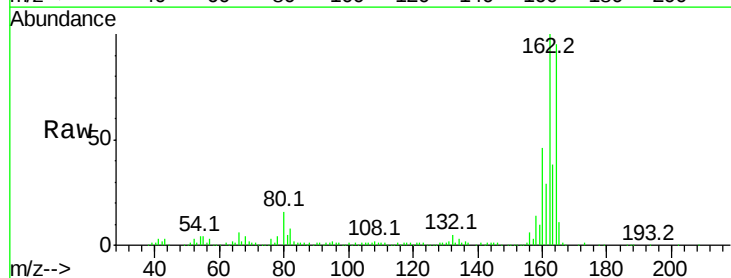
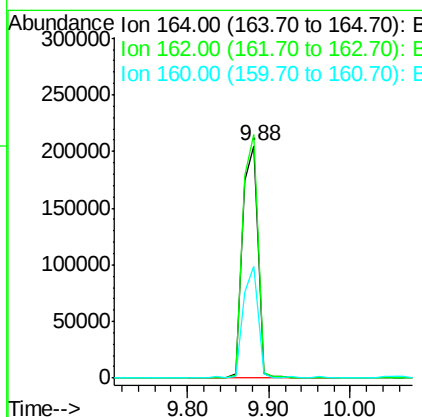
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093121.D
Acq: 23 Feb 2017 23:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	48.4	36.9	55.3





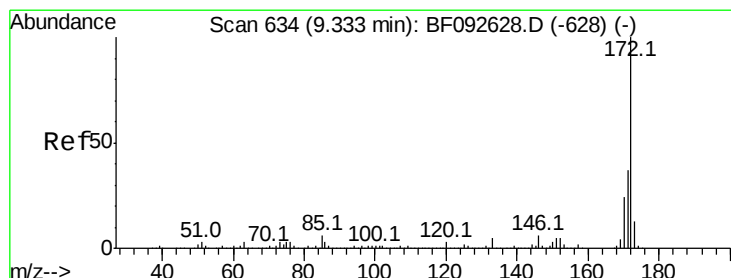
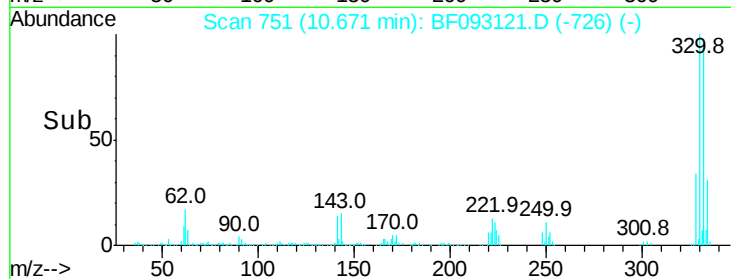
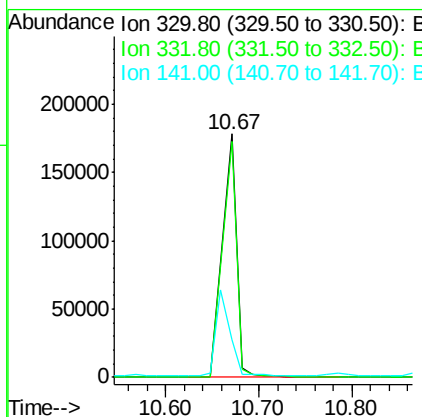
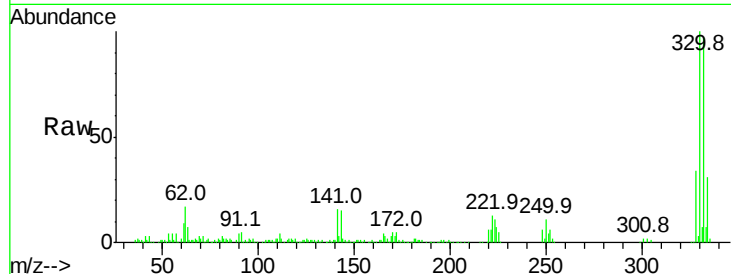
#41
 2,4,6-Tribromophenol
 Concen: 97.23 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093121.D
 Acq: 23 Feb 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-04(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	189623		
332	96.7	77.4	116.2	
141	36.2	34.1	51.1	

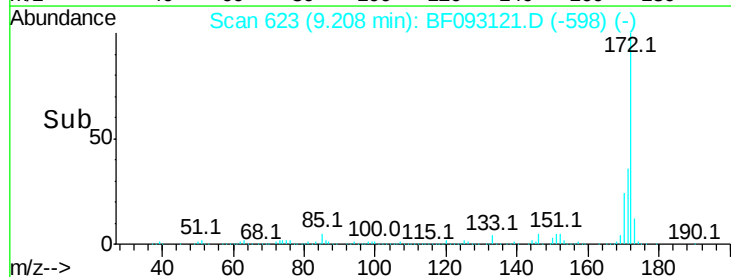
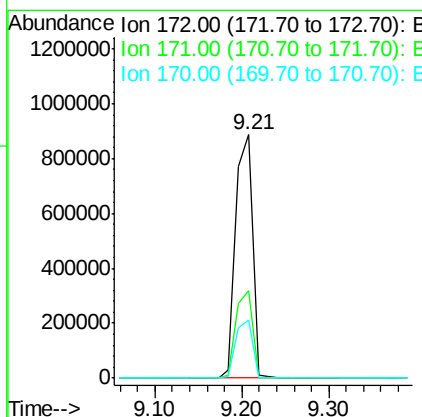
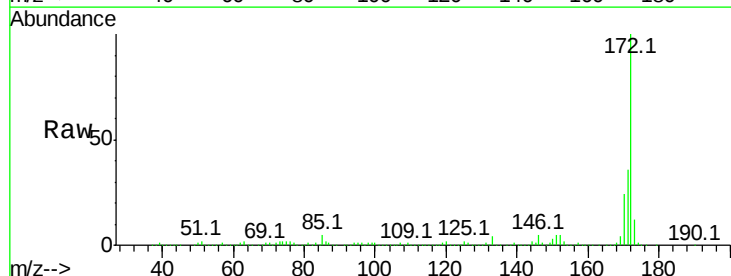
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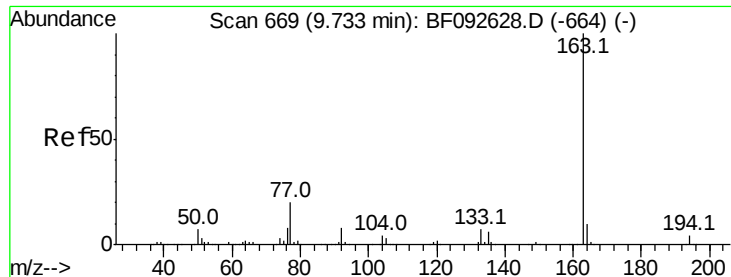
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#44
 2-Fluorobiphenyl
 Concen: 79.14 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093121.D
 Acq: 23 Feb 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1177923		
171	35.9	29.4	44.0	
170	23.6	20.2	30.4	





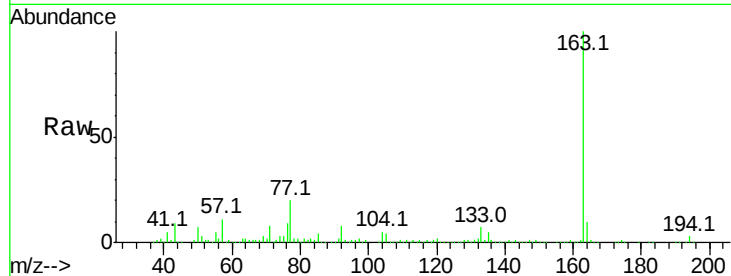
#49
Dimethylphthalate
Concen: 11.67 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093121.D
Acq: 23 Feb 2017 23:05

Instrument :
BNA_F
ClientSampleId :
CLP-S-04(0-5)

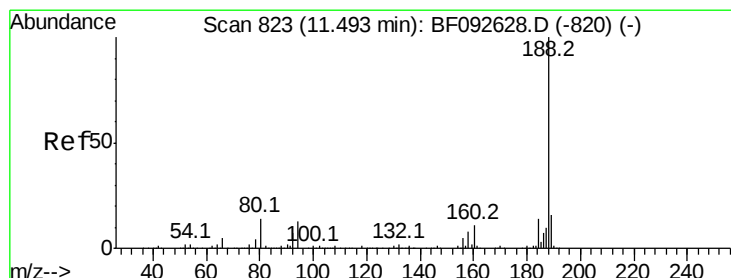
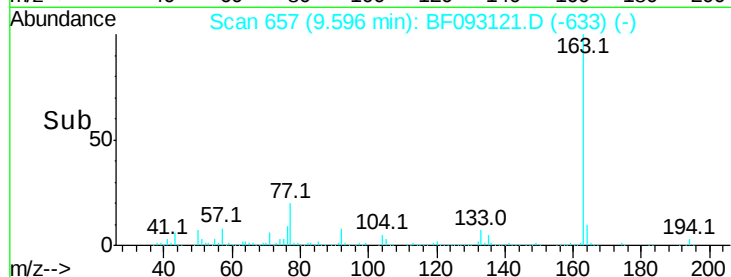
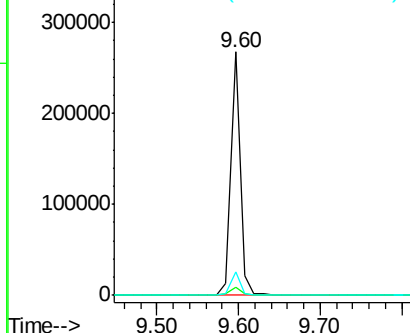
Tot Ion	Ratio	Resp	Lower	Upper
163	100	211963		
194	3.4		3.0	4.4
164	9.8		8.0	12.0

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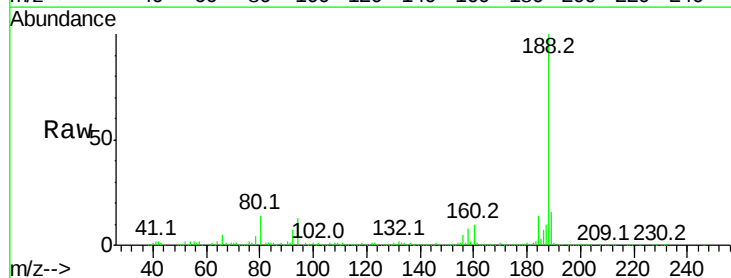


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

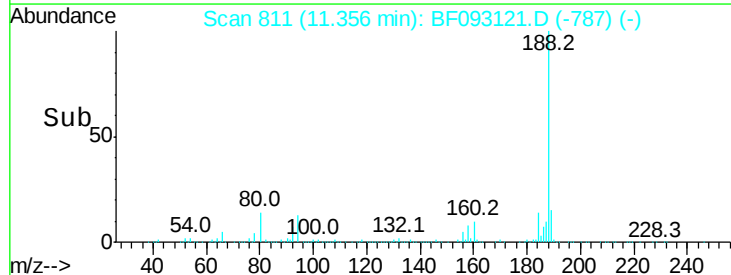
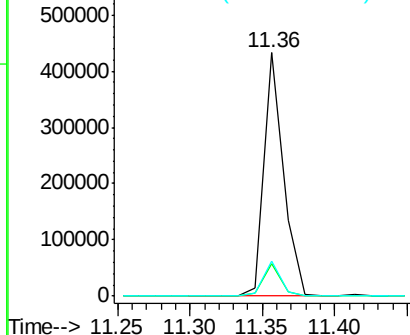


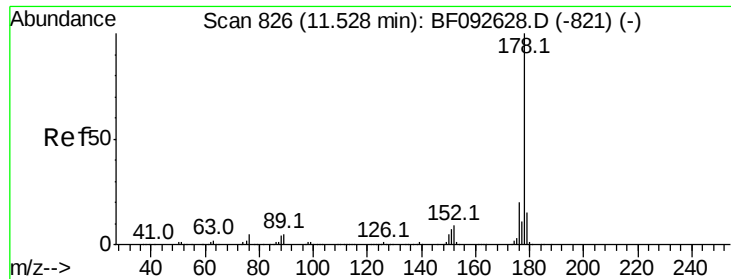
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093121.D
Acq: 23 Feb 2017 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	403960		
94	13.3		10.0	15.0
80	14.3		11.2	16.8



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





#70

Phenanthrene

Concen: 2.55 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Instrument :

BNA_F

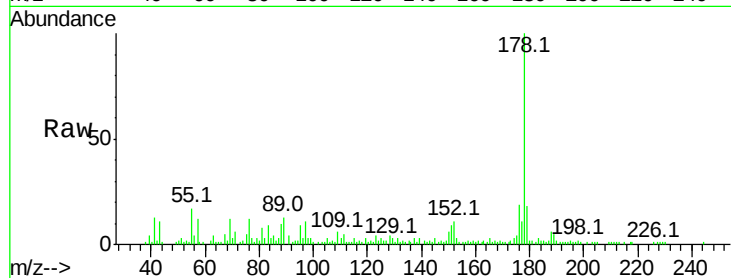
ClientSampleId :

CLP-S-04(0-5)

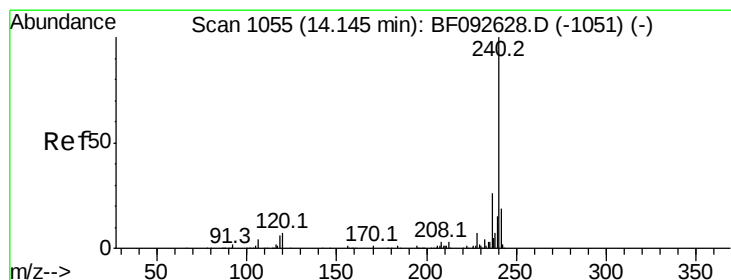
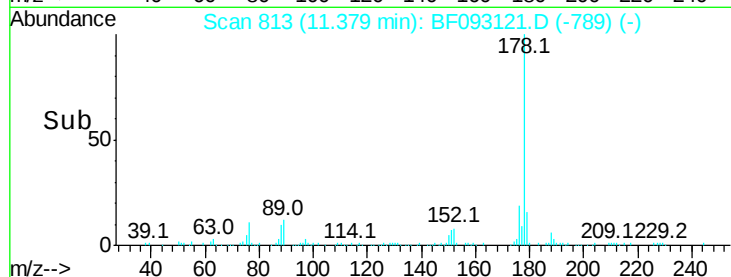
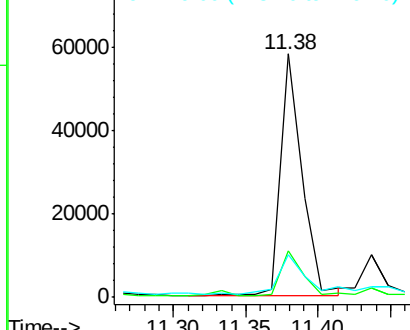
Tot Ion:178	Resp:	59074
Ion Ratio	Lower	Upper
178	100	
176	19.3	16.6 25.0
179	17.6	12.8 19.2

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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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

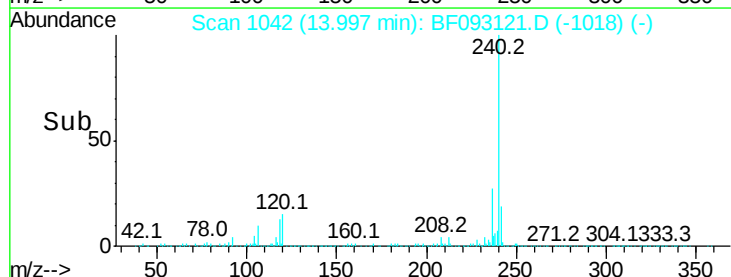
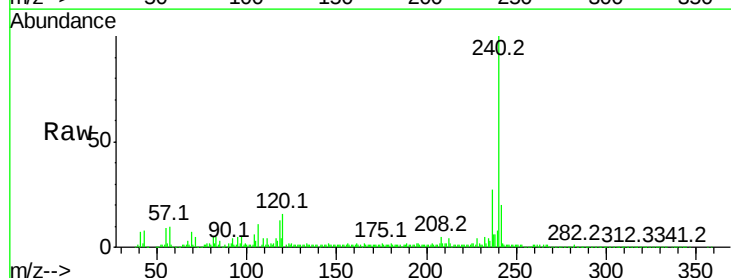
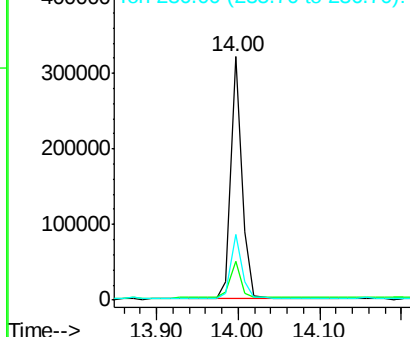
Delta R.T. -0.02 min

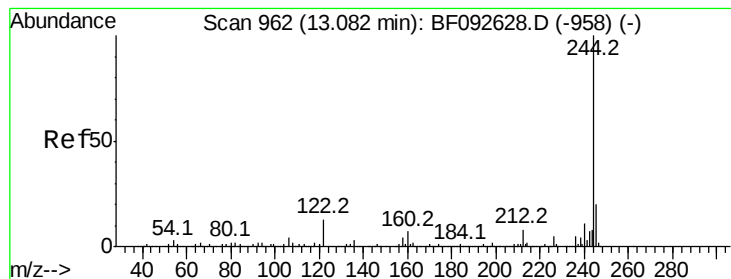
Lab File: BF093121.D

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Tgt Ion:240	Resp:	304685
Ion Ratio	Lower	Upper
240	100	
120	16.2	12.9 19.3
236	27.1	20.9 31.3

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





#78

Terphenyl-d14

Concen: 55.88 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Instrument :

BNA_F

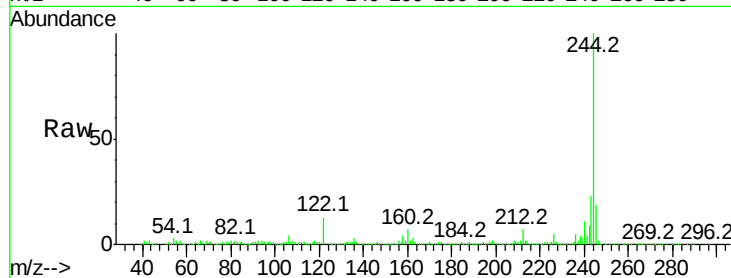
ClientSampleId :

CLP-S-04(0-5)

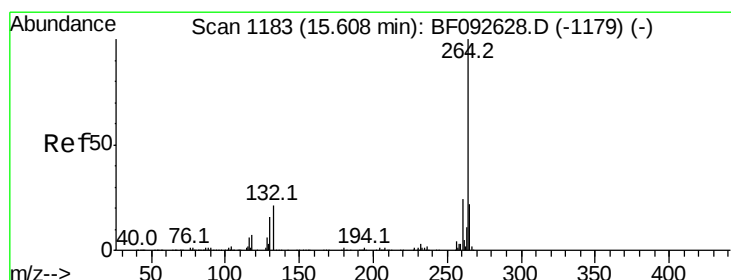
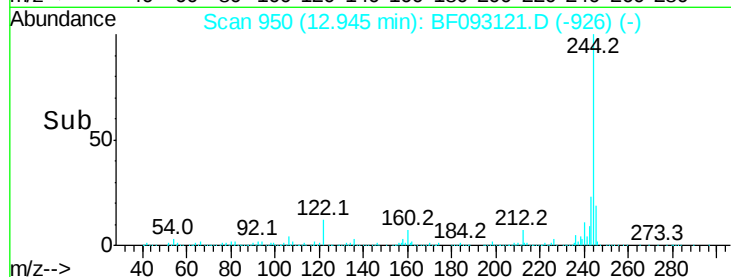
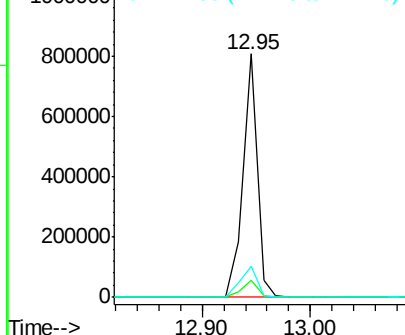
Tot Ion:	244	Resp:	724606
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.2	9.2
122	12.5	11.4	17.2

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:14 PM



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



#86

Perylene-d12

Concen: 20.00 ng

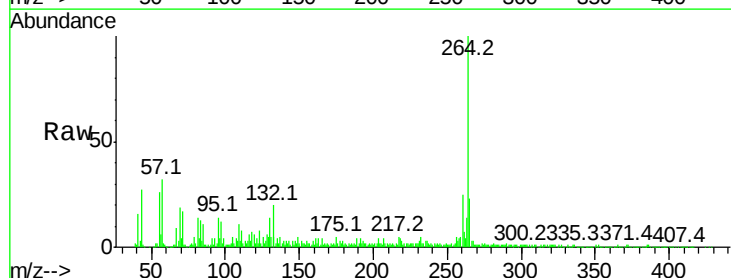
RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093121.D

Acq: 23 Feb 2017 23:05

Tgt Ion:	264	Resp:	280407
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	22.8	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

