

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092969.D
 Acq On : 15 Feb 2017 23:37
 Operator : SJ/MA
 Sample : I1859-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Manual Integrations
 APPROVED

mohammad
 2/16/2017 11:38:04 AM

Quant Time: Feb 16 02:41:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	154550	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	605243	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	317478	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	489236	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	353541	20.00	ng	-0.03
86) Perylene-d12	15.46	264	311648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	968625	107.52	ng	-0.01
7) Phenol-d6	6.51	99	1209010	104.31	ng	-0.02
23) Nitrobenzene-d5	7.44	82	814619	74.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	250980	109.30	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1243997	70.99	ng	-0.01
78) Terphenyl-d14	12.98	244	1052339	69.94	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	32514	2.40	ng	# 75
37) 2-Methylnaphthalene	8.88	142	103691	5.26	ng	97
49) Dimethylphthalate	9.63	163	229739	10.74	ng	99
57) Fluorene	10.45	166	46568	2.44	ng	# 90
70) Phenanthrene	11.41	178	111818m	3.99	ng	

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

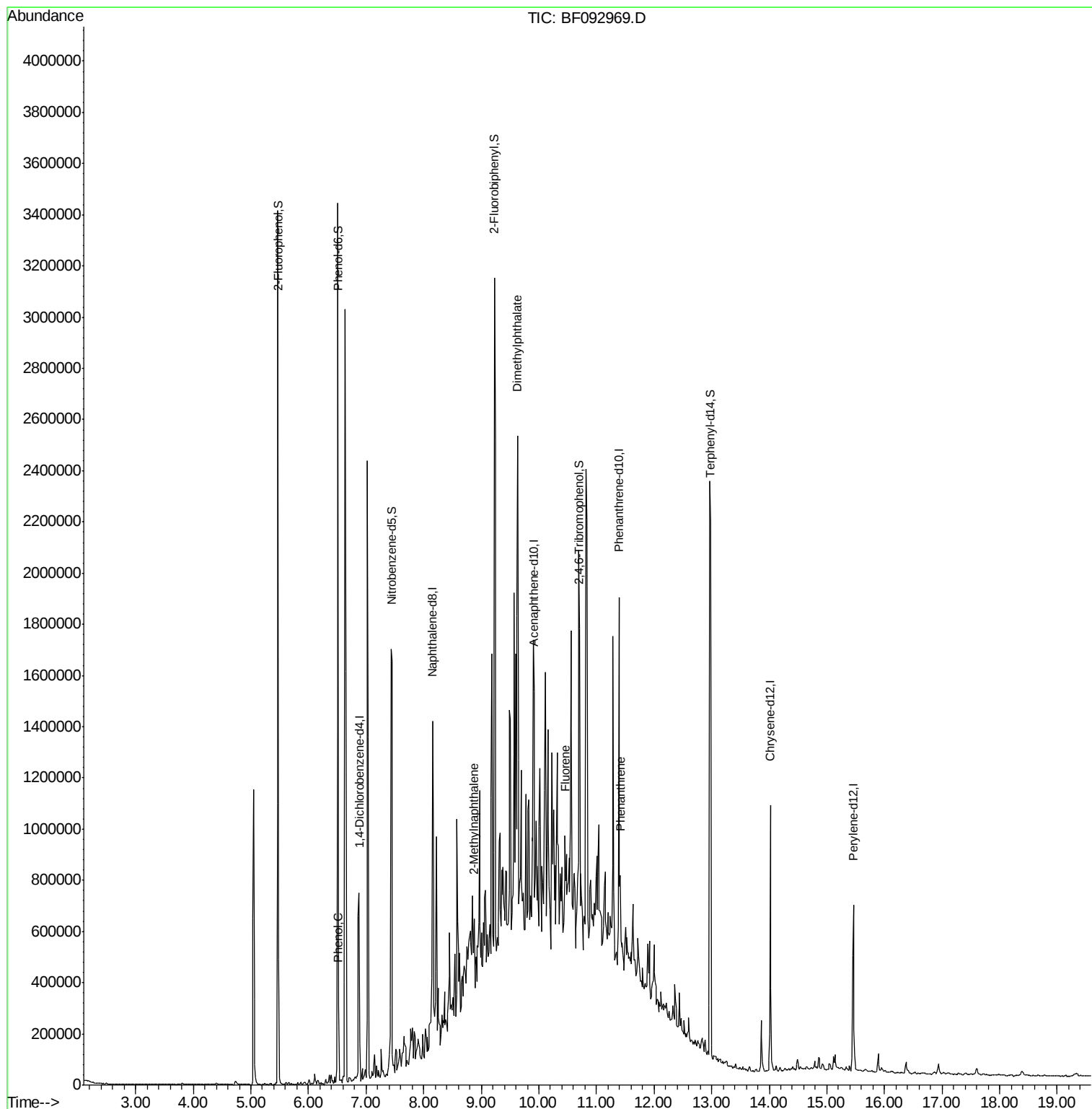
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092969.D
Acq On : 15 Feb 2017 23:37
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Sample : I1859-11
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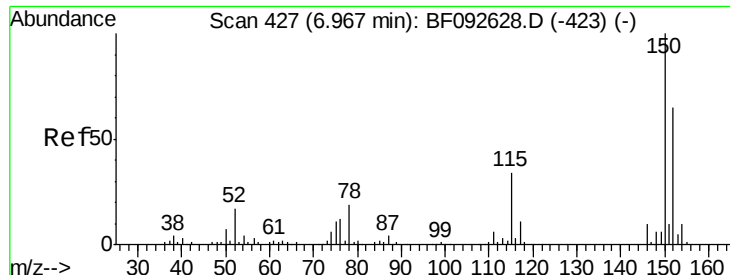
Instrument :
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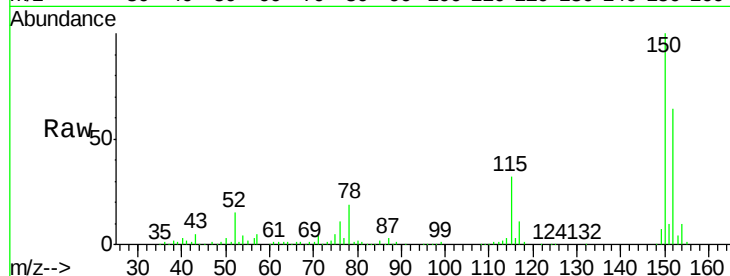




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092969.D
Acq: 15 Feb 2017 23:37

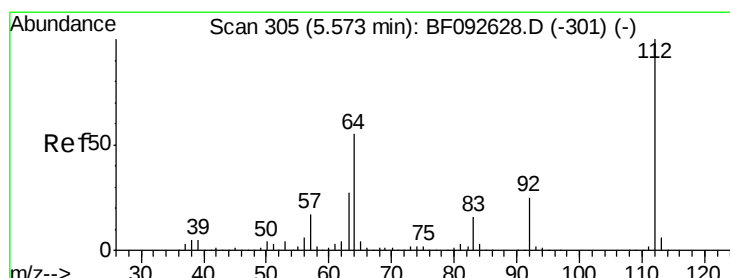
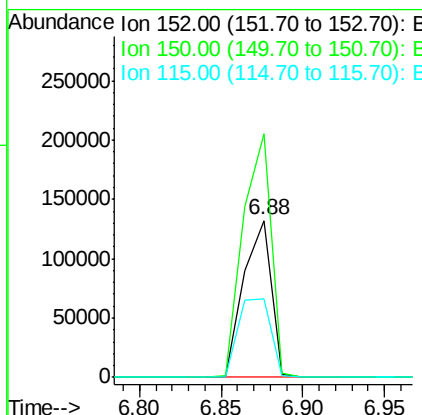
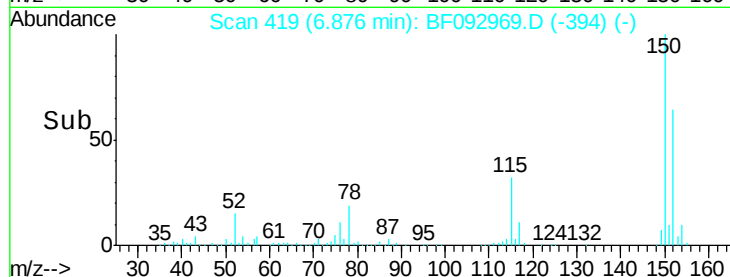
Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	50.1	46.0	69.0

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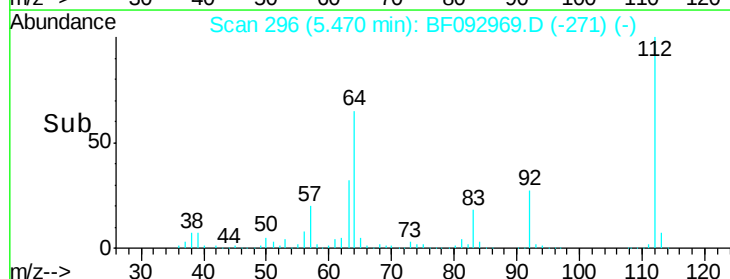
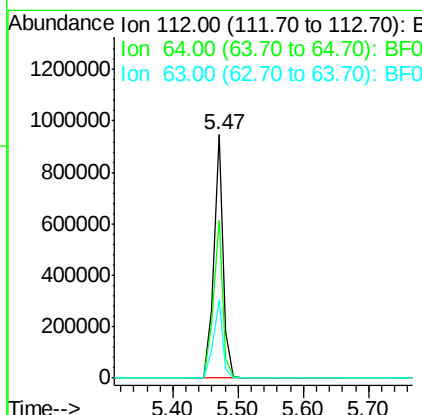
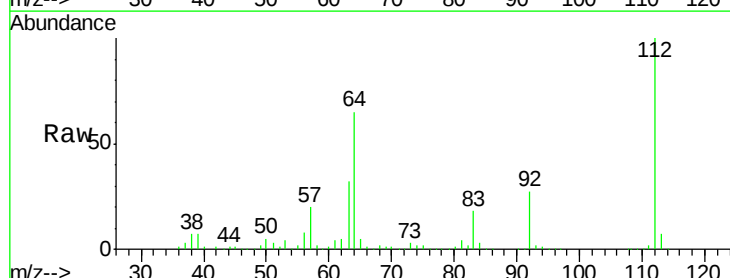
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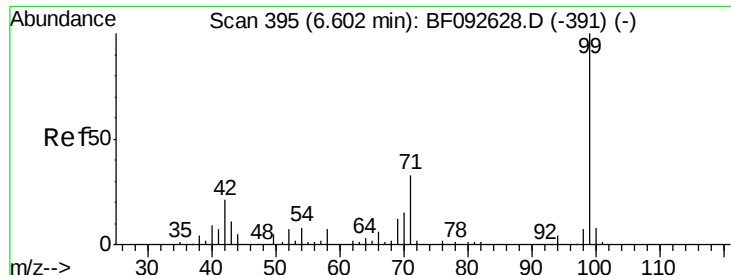


#5

2-Fluorophenol
Concen: 107.52 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092969.D
Acq: 15 Feb 2017 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.1	69.1
63	32.3	23.8	35.6





#7

Phenol-d6

Concen: 104.31 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

Instrument :

BNA_F

ClientSampleId :

280385-COMP-0-2FT

Tgt Ion: 99 Resp: 1209010

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

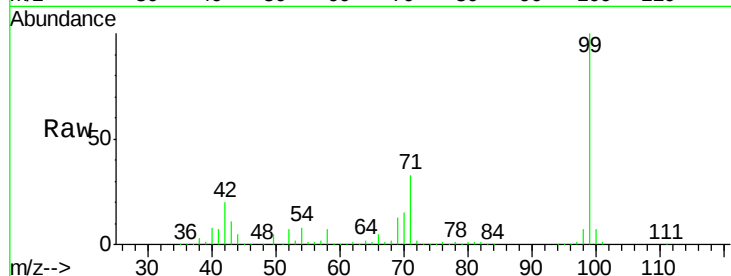
71 33.2 27.5 41.3

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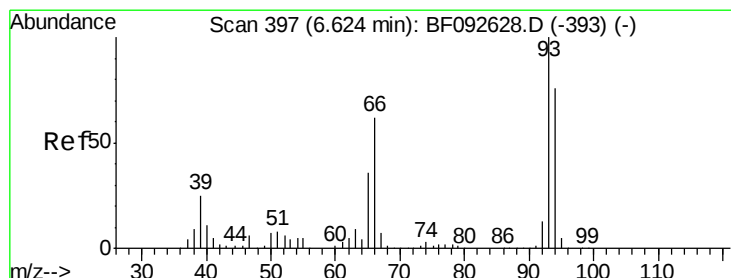
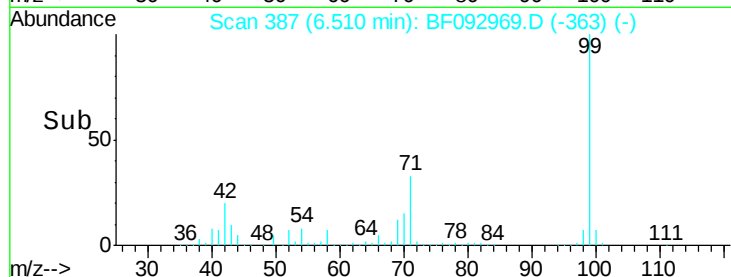
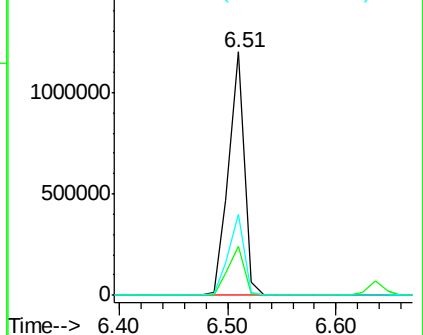
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

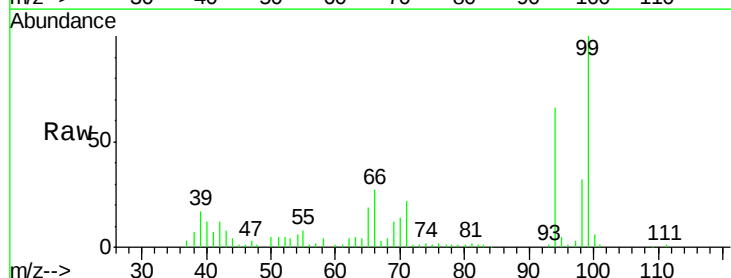
Tgt Ion: 94 Resp: 32514

Ion Ratio Lower Upper

94 100

65 28.7 21.4 61.4

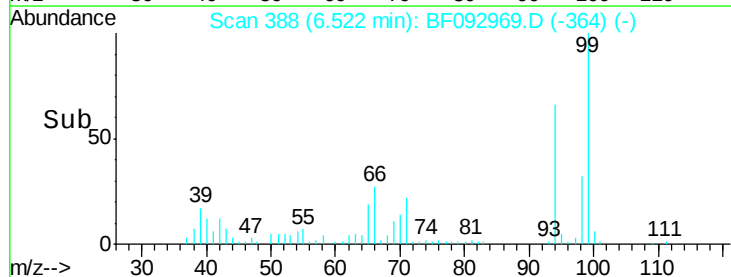
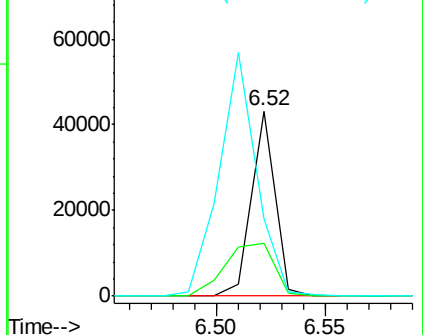
66 41.4 44.0 84.0#

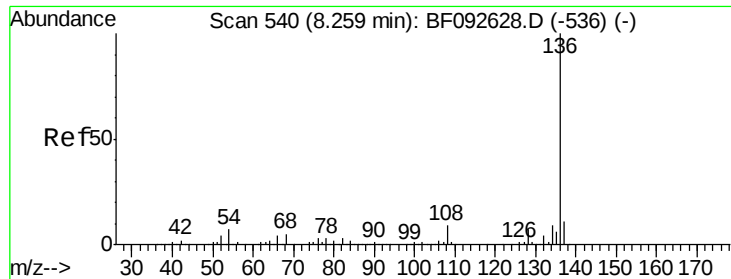


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092969.D

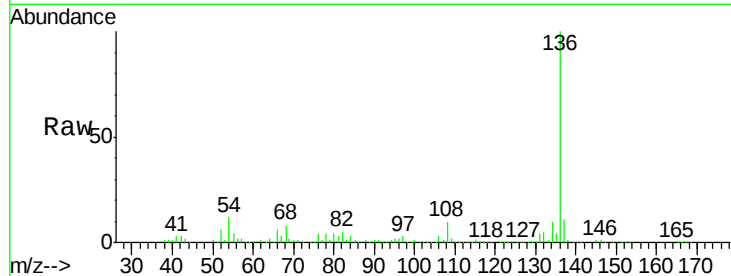
Acq: 15 Feb 2017 23:37

Instrument :

BNA_F

ClientSampleId :

280385-COMP-0-2FT



Tgt Ion: 136 Resp: 605243

Ion Ratio Lower Upper

136 100

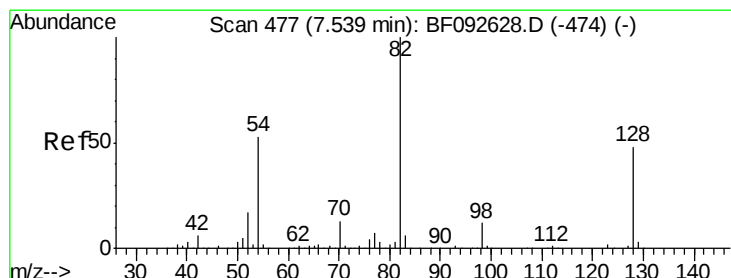
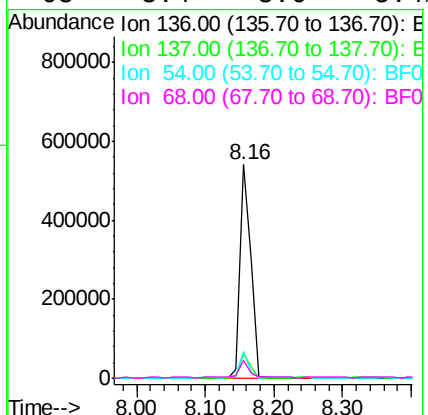
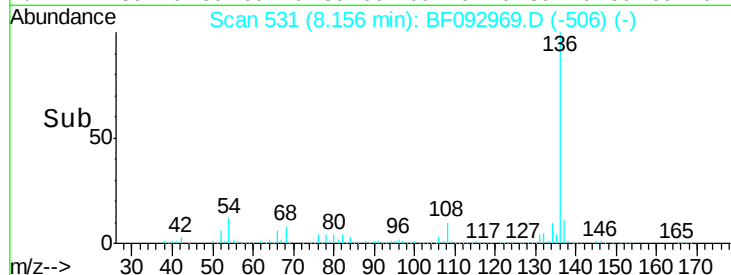
137 11.4 8.4 12.6

54 12.5 4.5 6.7#

68 8.4 3.6 5.4#

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#23

Nitrobenzene-d5

Concen: 74.95 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

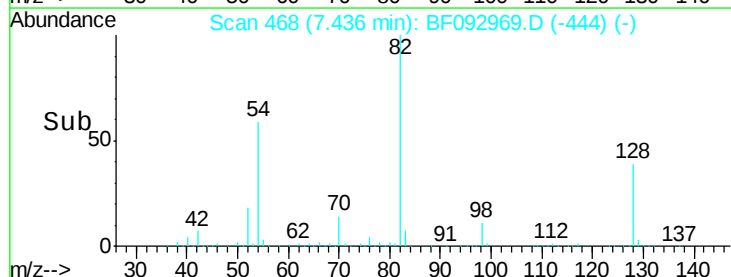
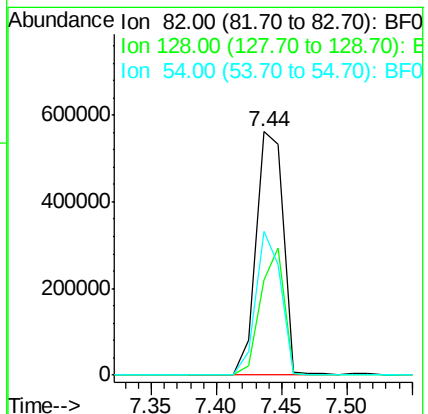
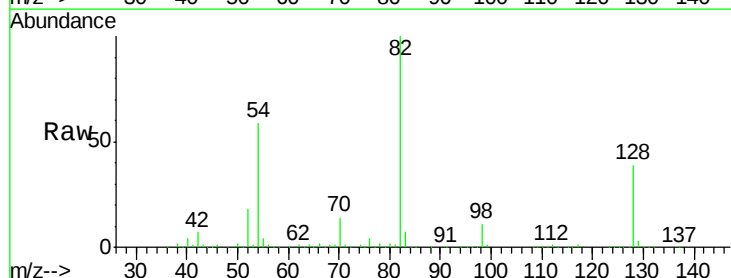
Tgt Ion: 82 Resp: 814619

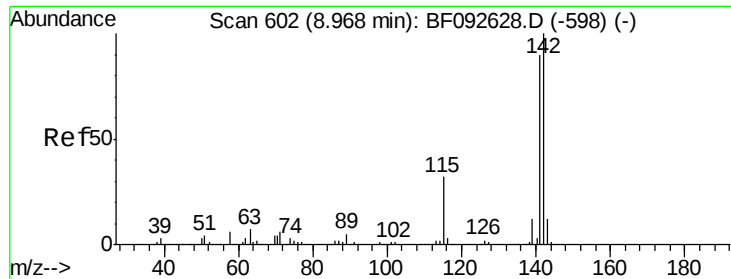
Ion Ratio Lower Upper

82 100

128 39.0 34.6 52.0

54 59.1 39.5 59.3





#37

2-Methylnaphthalene

Concen: 5.26 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

Instrument :

BNA_F

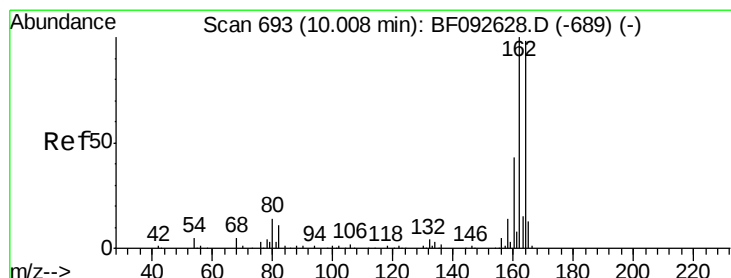
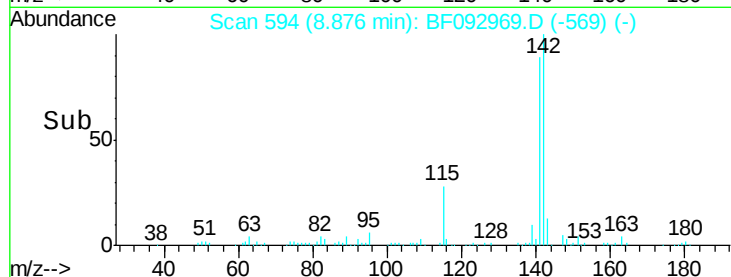
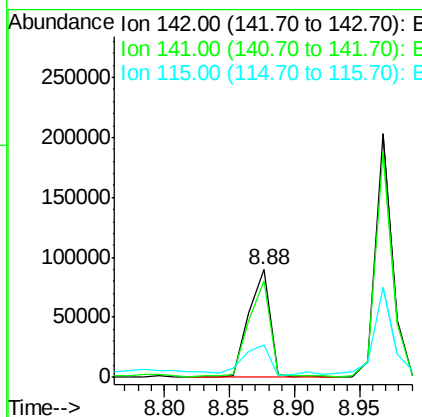
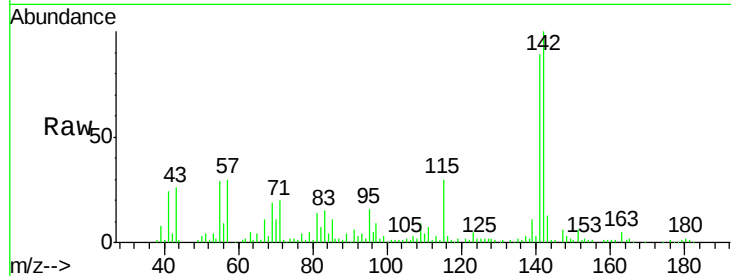
ClientSampleId :

280385-COMP-0-2FT

Tgt Ion:	142	Resp:	103691
Ion Ratio		Lower	Upper
142	100		
141	89.5	71.0	106.6
115	29.6	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

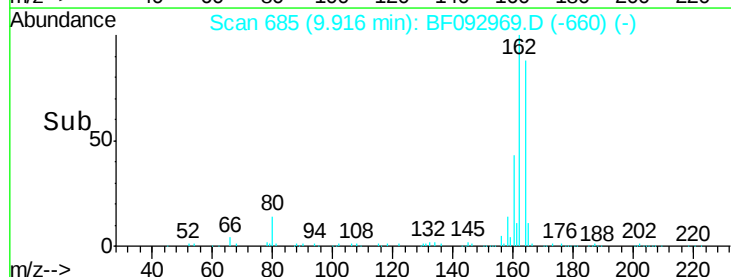
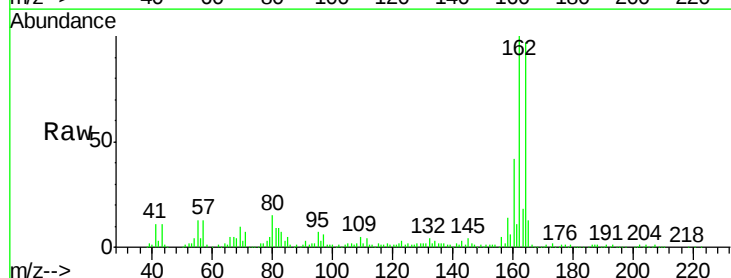
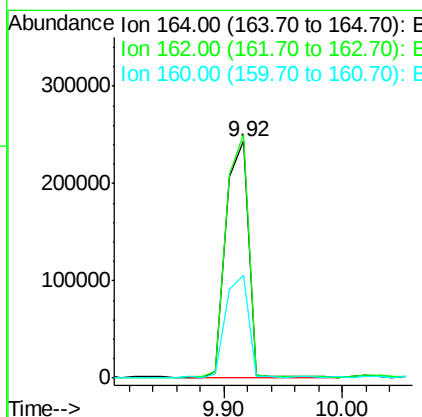
RT: 9.92 min Scan# 685

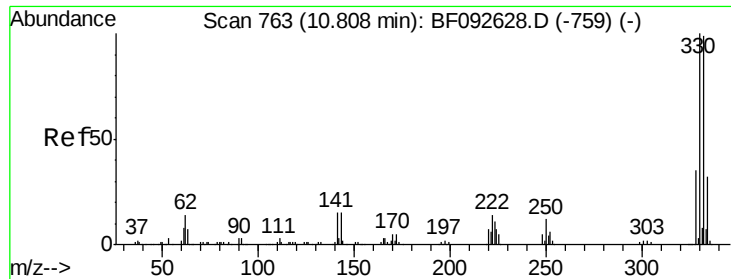
Delta R.T. -0.01 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

Tgt Ion:	164	Resp:	317478
Ion Ratio		Lower	Upper
164	100		
162	102.8	80.2	120.2
160	43.6	36.9	55.3





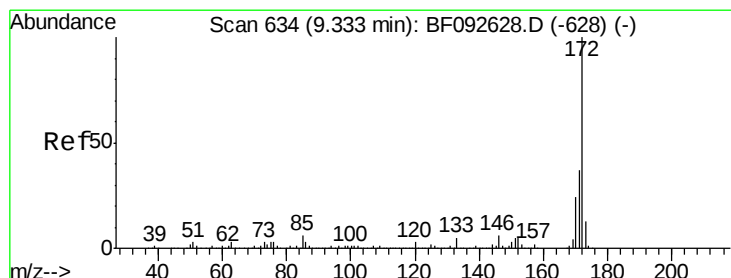
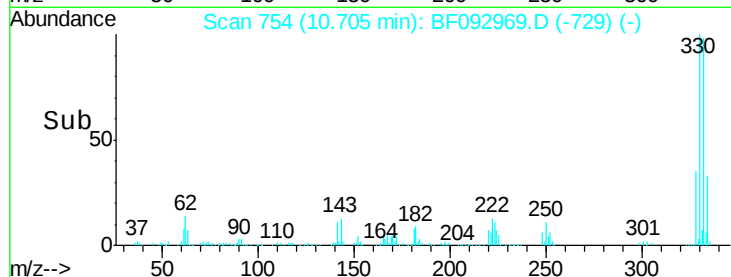
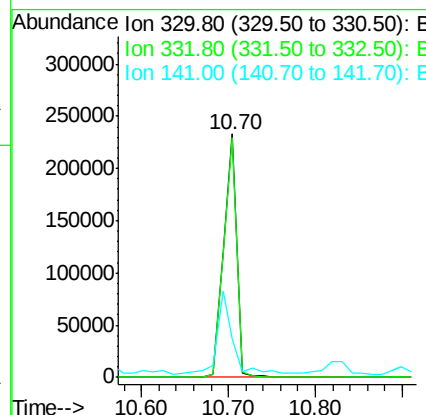
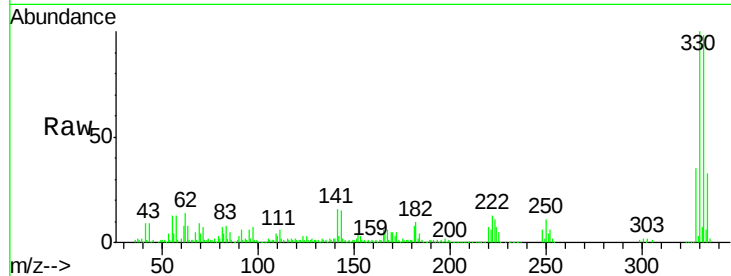
#41
 2,4,6-Tribromophenol
 Concen: 109.30 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092969.D
 Acq: 15 Feb 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 280385-COMP-0-2FT

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	250980		
332	98.2	77.4	116.2	
141	36.6	34.1	51.1	

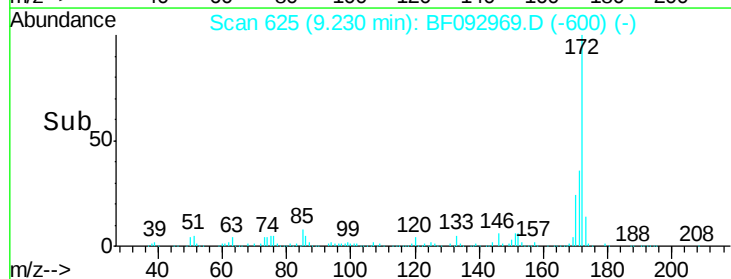
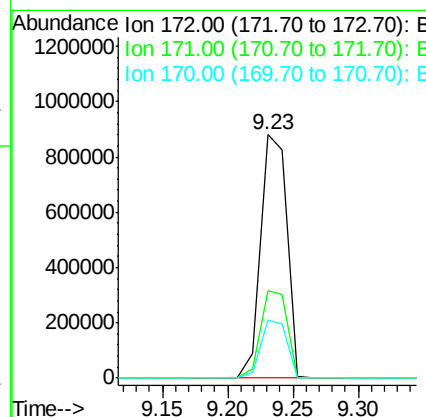
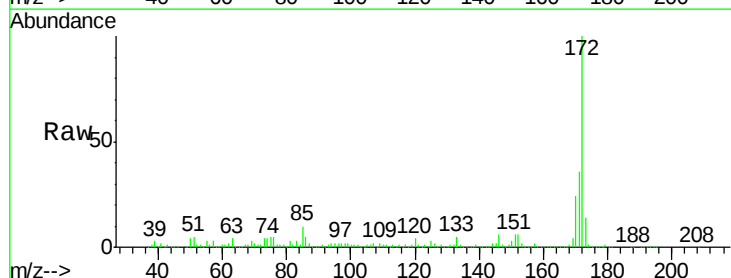
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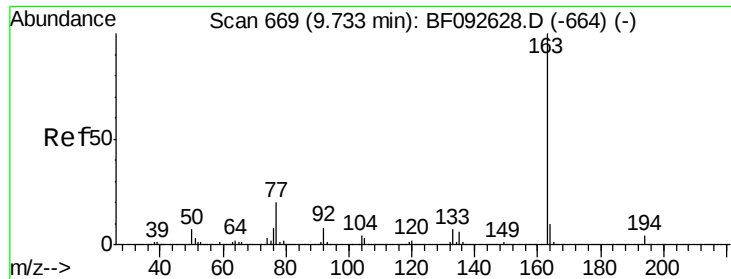
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#44
 2-Fluorobiphenyl
 Concen: 70.99 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092969.D
 Acq: 15 Feb 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1243997		
171	35.9	29.4	44.0	
170	24.0	20.2	30.4	





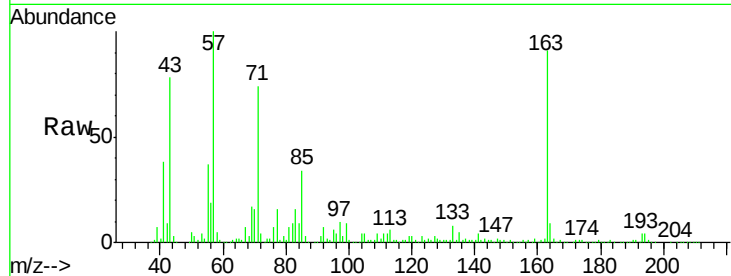
#49
Dimethylphthalate
Concen: 10.74 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092969.D
Acq: 15 Feb 2017 23:37

Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

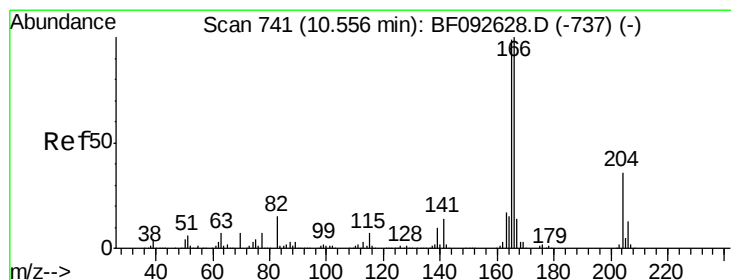
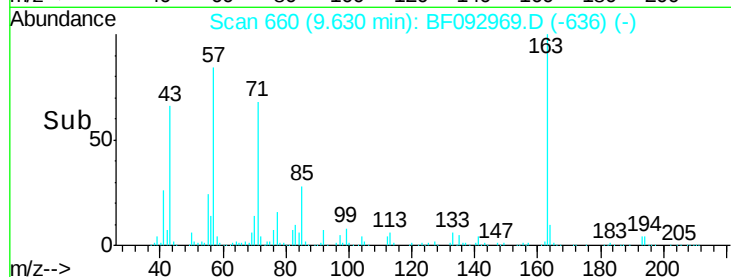
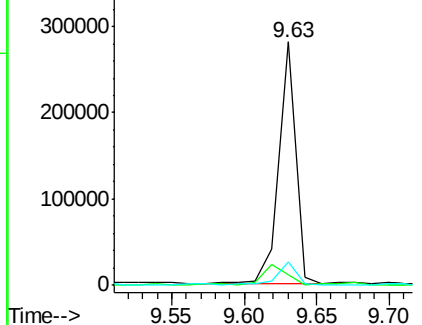
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	229739		
194	4.4	3.0	4.4	
164	9.9	8.0	12.0	

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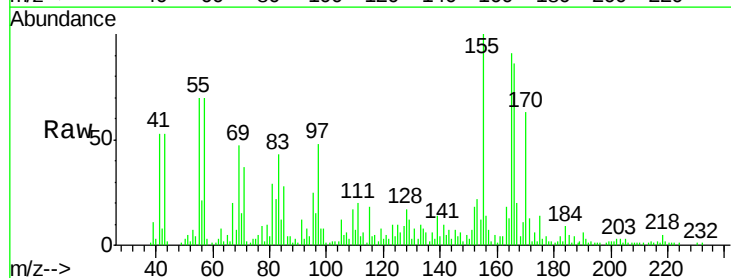


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

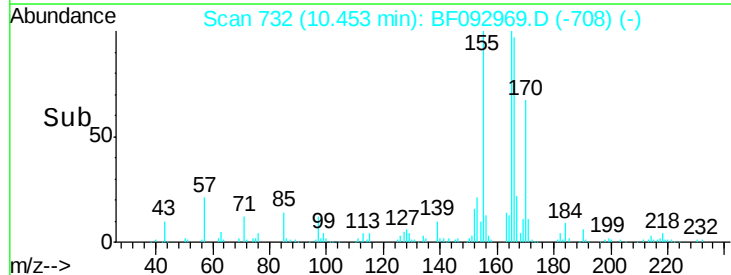
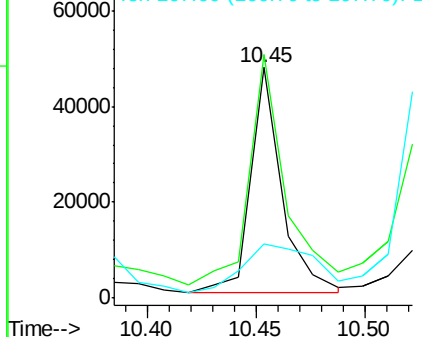


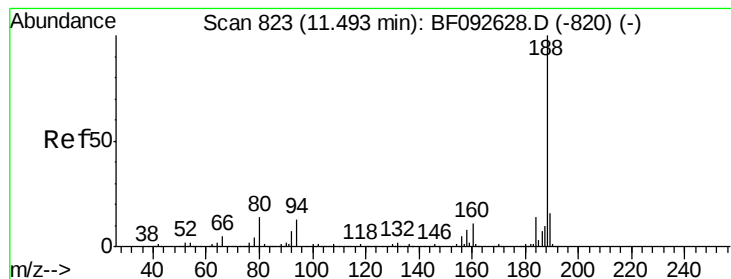
#57
Fluorene
Concen: 2.44 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF092969.D
Acq: 15 Feb 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	46568		
165	105.6	77.8	116.8	
167	23.6	10.8	16.2#	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

Instrument :

BNA_F

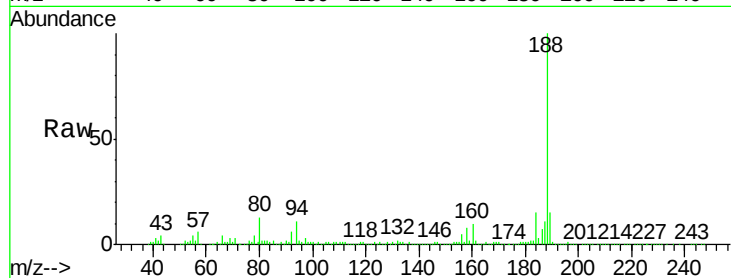
ClientSampleId :

280385-COMP-0-2FT

Tgt Ion:	188	Resp:	489236
Ion Ratio	Lower	Upper	
188	100		
94	11.4	10.0	15.0
80	12.6	11.2	16.8

Manual Integrations
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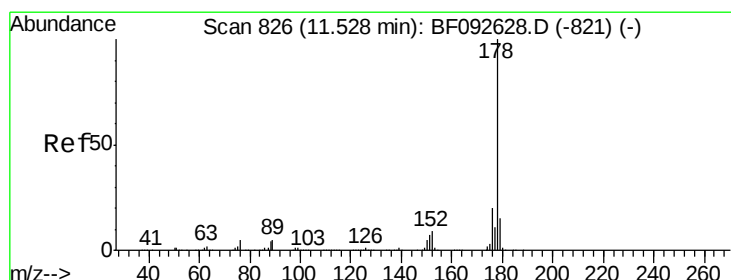
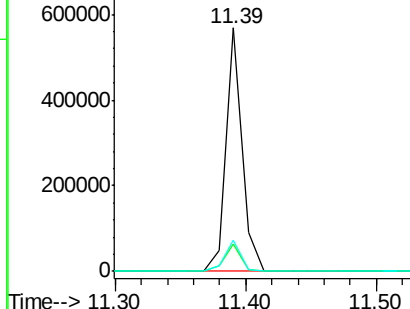
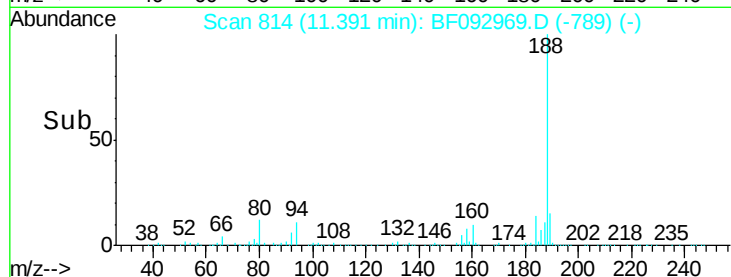
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 3.99 ng m

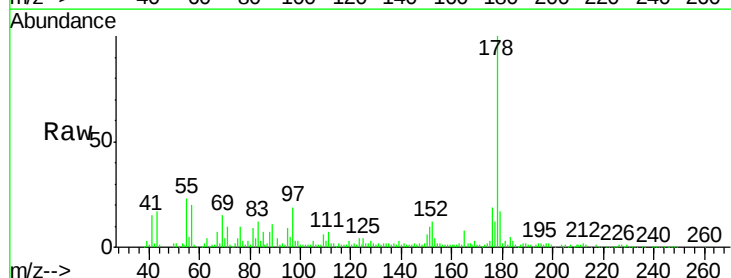
RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

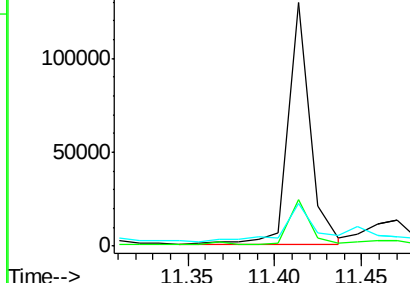
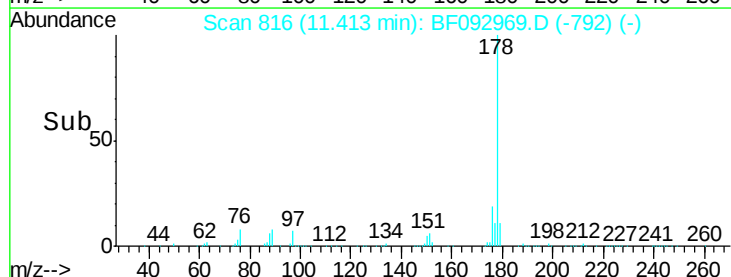
Tgt Ion:	178	Resp:	111818
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.6	25.0
179	17.4	12.8	19.2

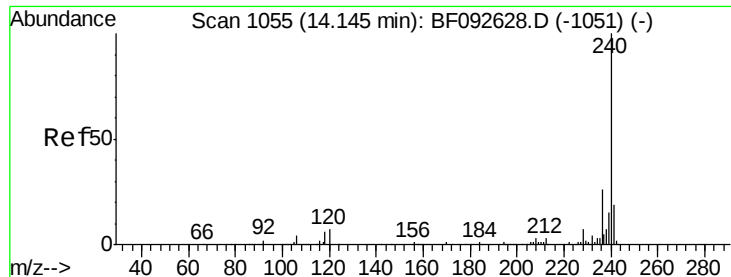


Abundance Ion 178.00 (177.70 to 178.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

Instrument :

BNA_F

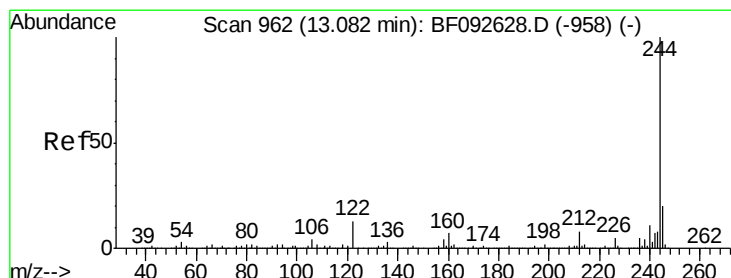
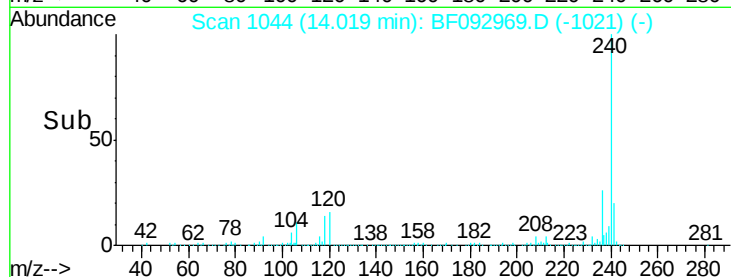
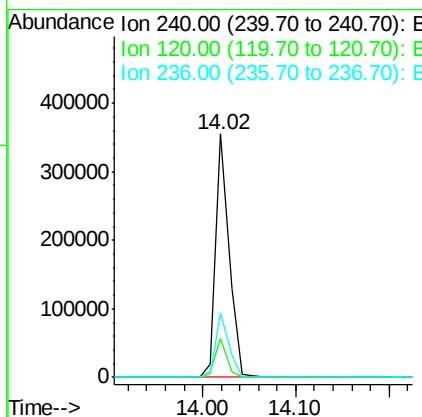
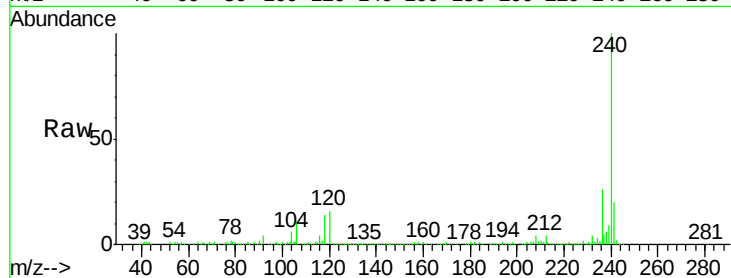
ClientSampleId :

280385-COMP-0-2FT

Tgt Ion:	240	Resp:	353541
Ion Ratio	Lower	Upper	
240	100		
120	15.7	12.9	19.3
236	26.3	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/16/2017 11:38:04 AM



#78

Terphenyl-d14

Concen: 69.94 ng

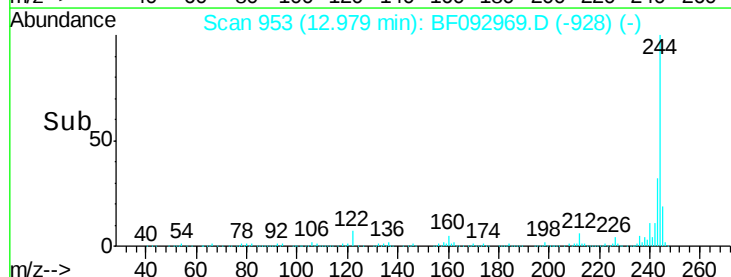
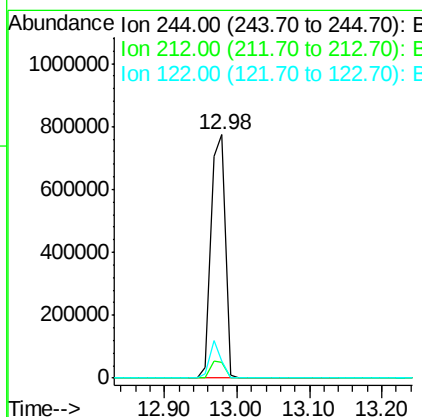
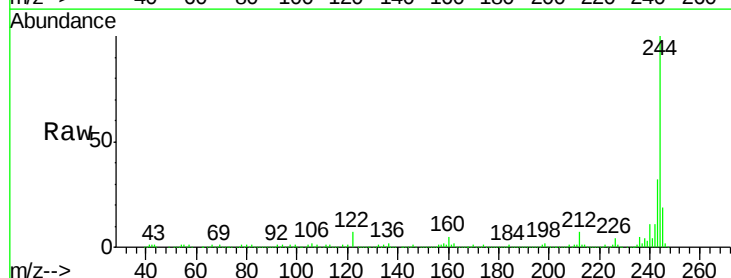
RT: 12.98 min Scan# 953

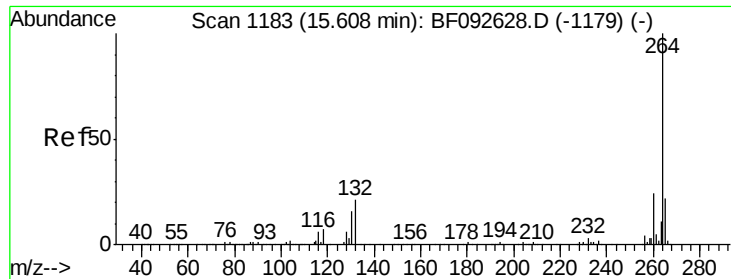
Delta R.T. -0.01 min

Lab File: BF092969.D

Acq: 15 Feb 2017 23:37

Tgt Ion:	244	Resp:	1052339
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.2	9.2
122	7.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092969.D
Acq: 15 Feb 2017 23:37

Instrument :
BNA_F
ClientSampleId :
280385-COMP-0-2FT

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	311648		
260	24.1	19.2	28.8	
265	21.5	17.4	26.0	

Manual Integrations
APPROVED

mohammad
2/16/2017 11:38:04 AM

