

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096542.D
 Acq On : 6 Jul 2017 19:21
 Operator : SJ/MA
 Sample : I3999-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS4-1-4-COMP

Manual Integrations
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mohammad
 7/7/2017 1:30:17 PM

Quant Time: Jul 07 09:14:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123500	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	487240	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	181681	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	273340	20.00	ng	0.00
75) Chrysene-d12	13.86	240	241820	20.00	ng	0.00
86) Perylene-d12	15.27	264	199716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	882195	105.43	ng	0.01
7) Phenol-d6	6.36	99	1050507	102.12	ng	0.00
23) Nitrobenzene-d5	7.27	82	608405	75.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	147882	104.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	951354	89.53	ng	0.00
78) Terphenyl-d14	12.82	244	641323	56.67	ng	0.00
Target Compounds						
10) Phenol	6.37	94	27360	2.335	ng	88
49) Dimethylphthalate	9.47	163	237708	17.527	ng	99
74) Fluoranthene	12.44	202	39044	2.695	ng	99
87) Benzo(b)fluoranthene	14.87	252	27410m	2.190	ng	

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

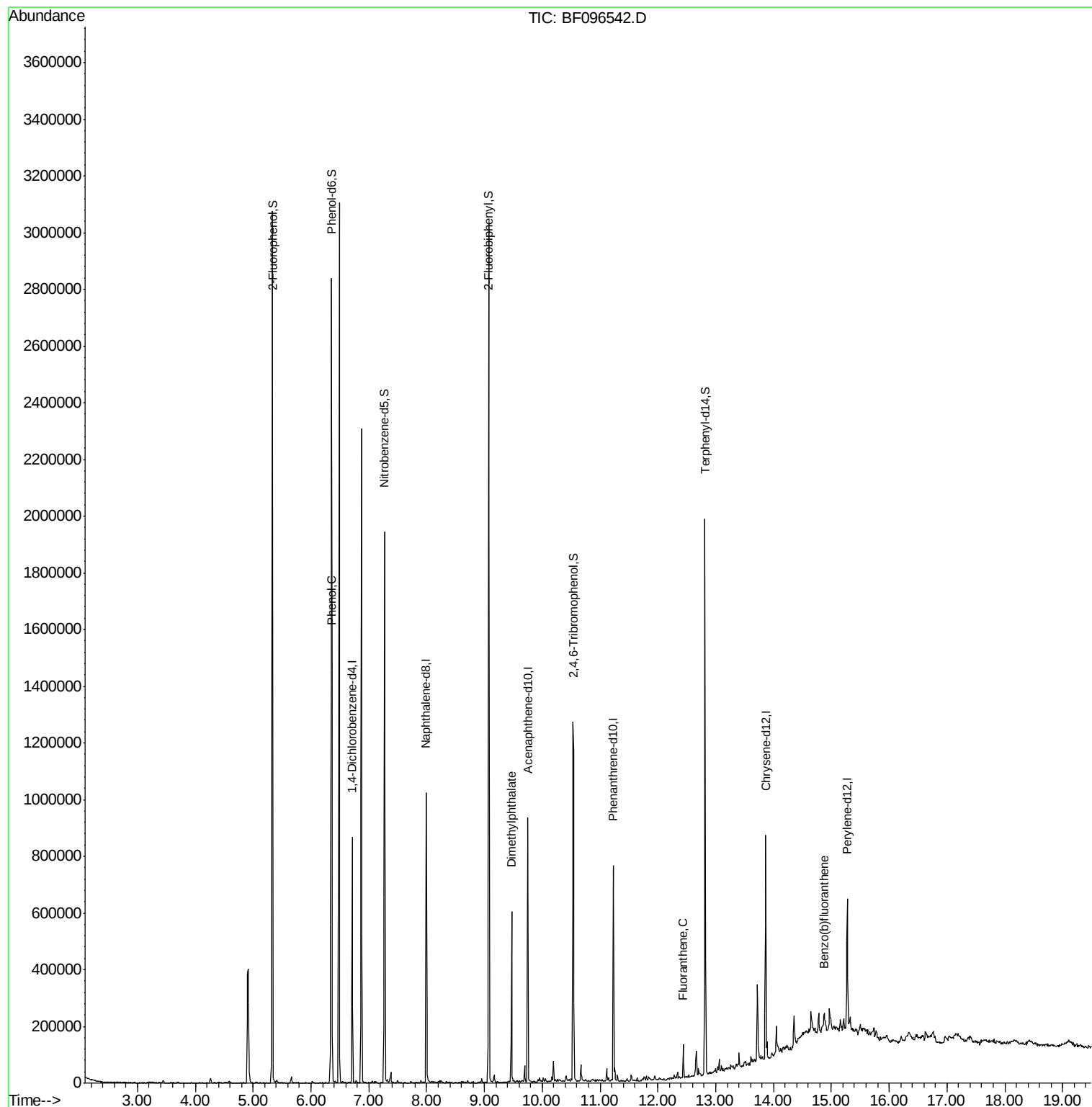
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096542.D
Acq On : 6 Jul 2017 19:21
Operator : SJ/MA
Sample : I3999-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

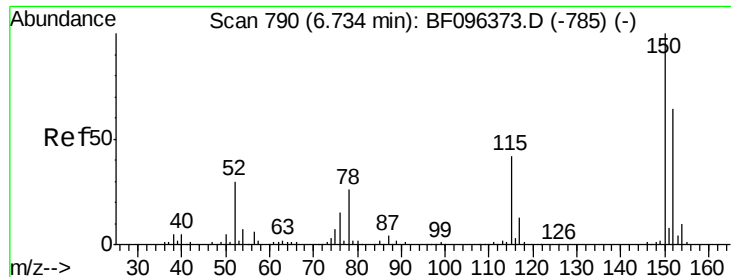
Instrument :
BNA_F
ClientSampleId :
SS4-1-4-COMP

Manual Integrations
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#1

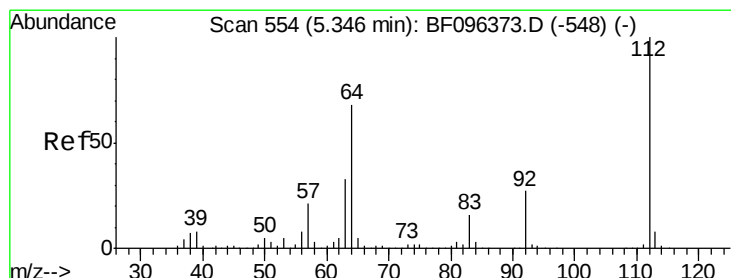
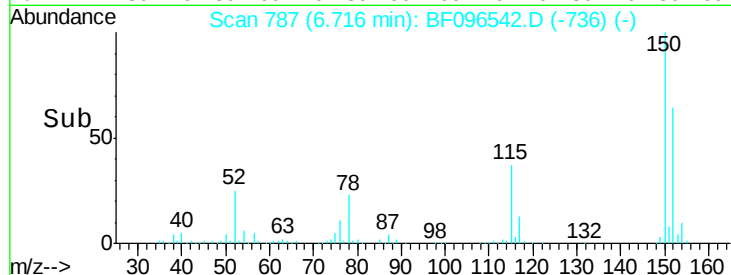
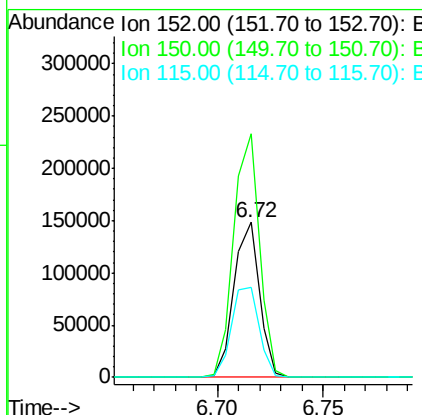
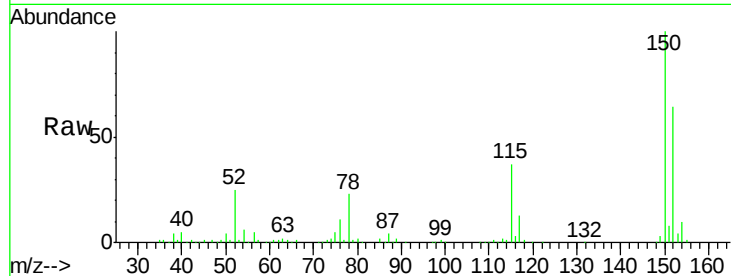
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Instrument :
BNA_F
ClientSampleId :
SS4-1-4-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	58.5	52.2	78.2

Manual Integrations
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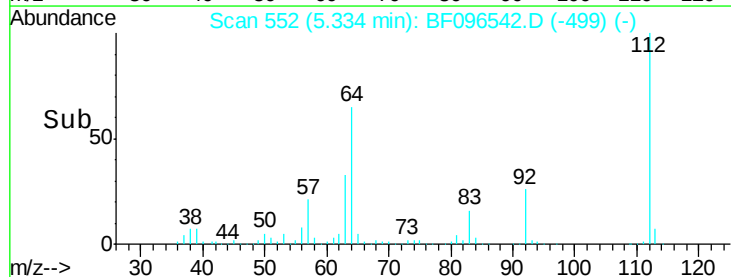
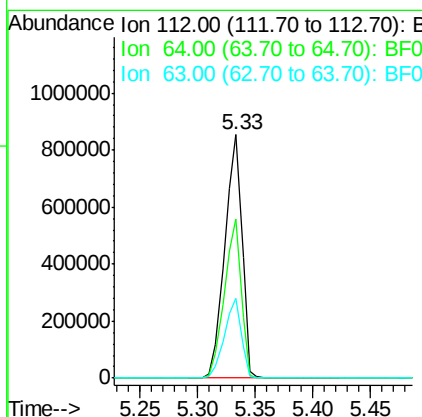
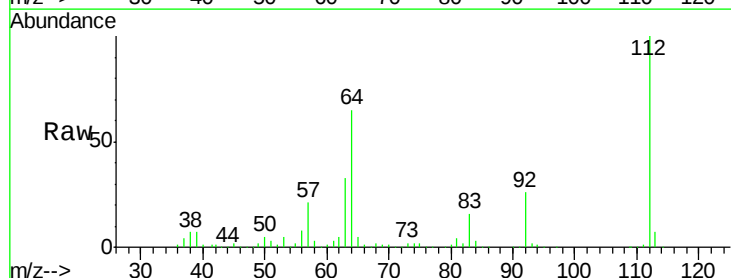
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#5

2-Fluorophenol
Concen: 105.433 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	46.0	69.0
63	32.6	23.4	35.0





#7

Phenol-d6

Concen: 102.124 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

Instrument :

BNA_F

ClientSampleId :

SS4-1-4-COMP

Tgt Ion: 99 Resp: 1050507

Ion Ratio Lower Upper

99 100

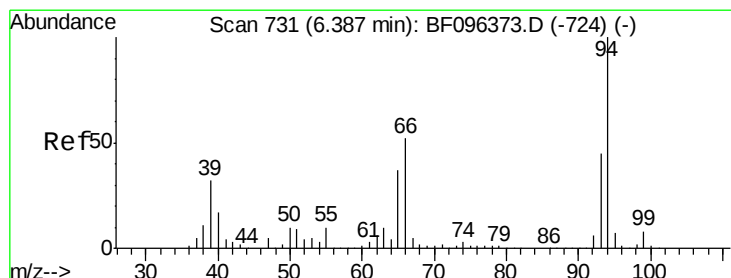
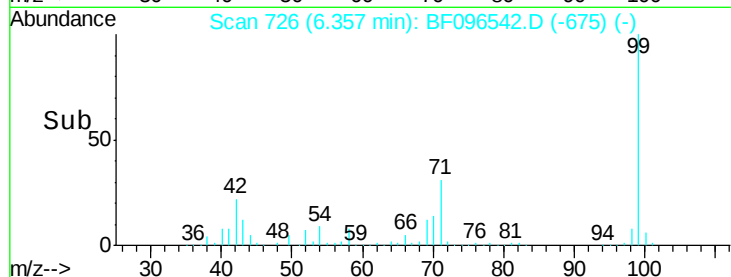
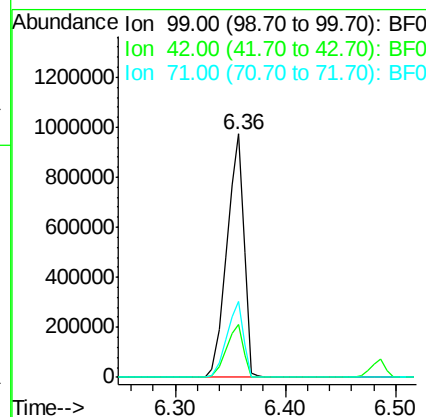
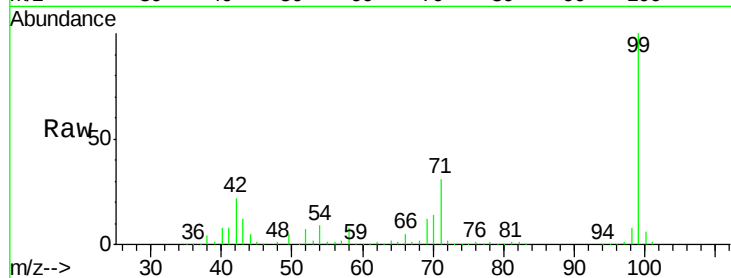
42 21.9 13.5 20.3#

71 31.4 24.5 36.7

Manual Integrations
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#10

Phenol

Concen: 2.335 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

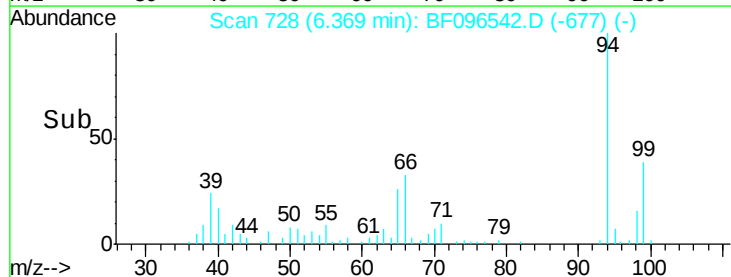
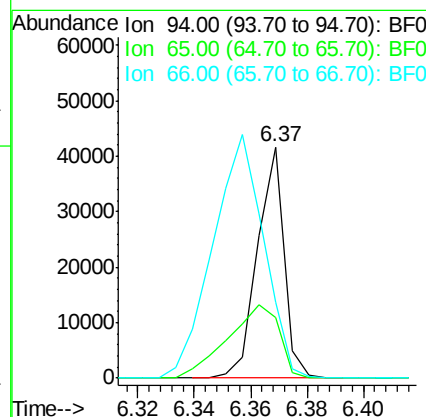
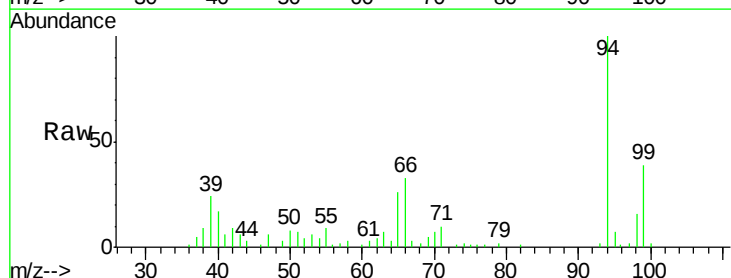
Tgt Ion: 94 Resp: 27360

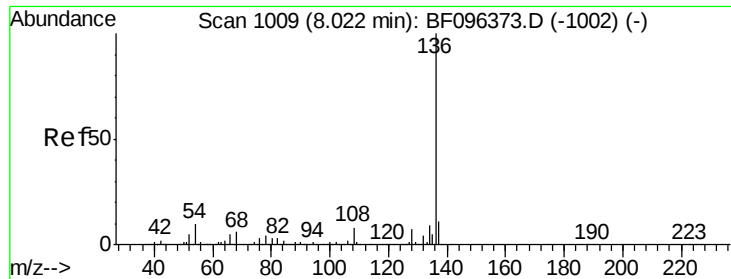
Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

66 33.1 23.1 63.1





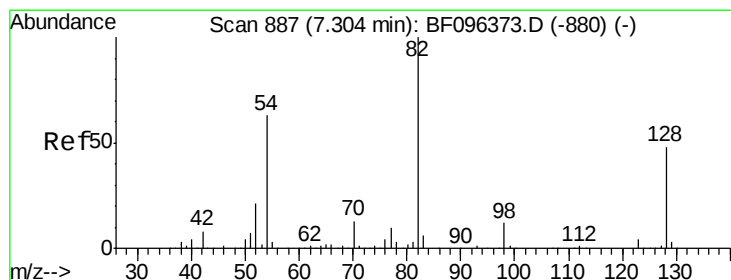
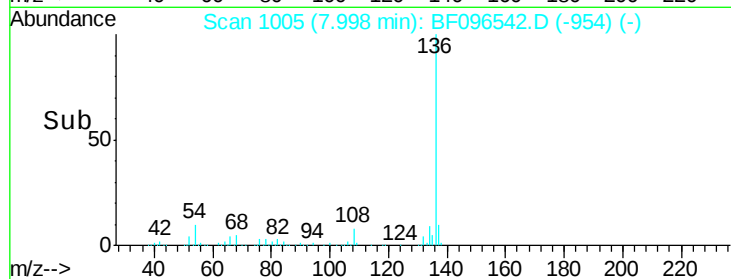
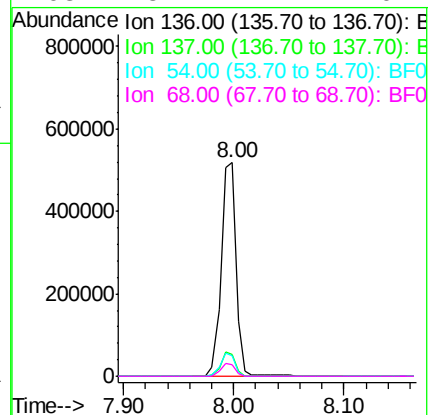
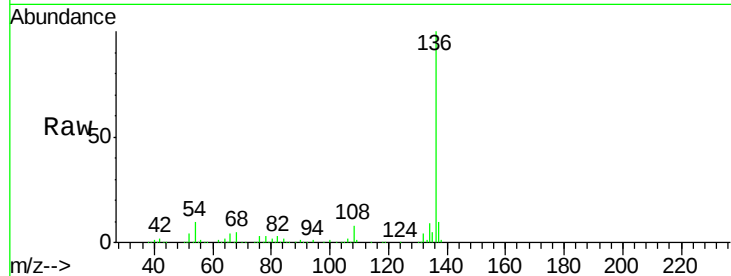
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Instrument :
BNA_F
ClientSampleId :
SS4-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	487240		
137	10.5	8.5	12.7	
54	9.6	4.9	7.3#	
68	5.1	4.1	6.1	

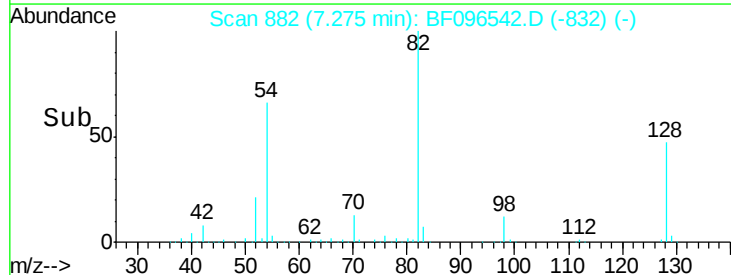
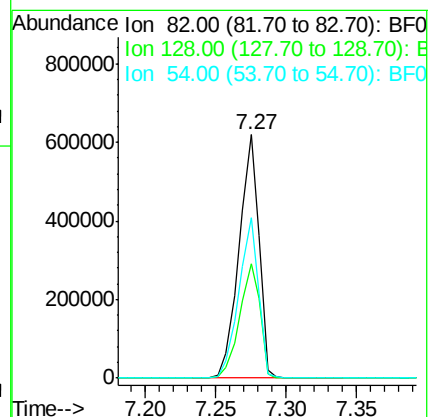
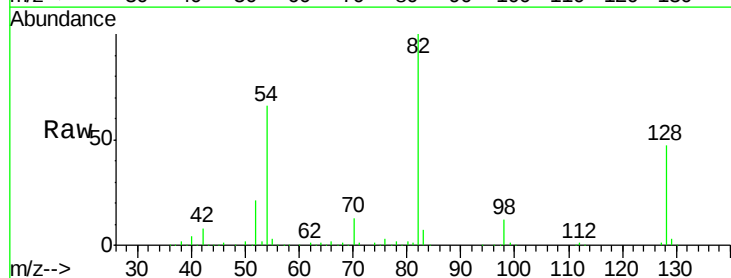
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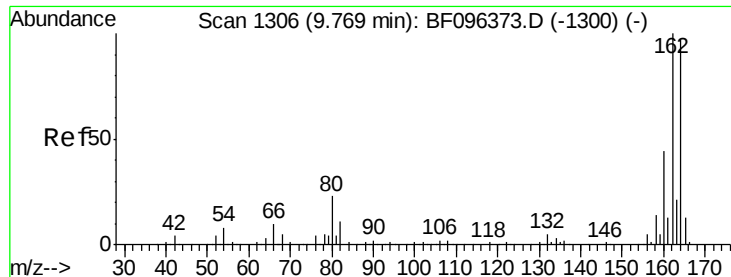
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#23
Nitrobenzene-d5
Concen: 75.034 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	608405		
128	47.1	34.0	51.0	
54	66.1	42.2	63.2#	





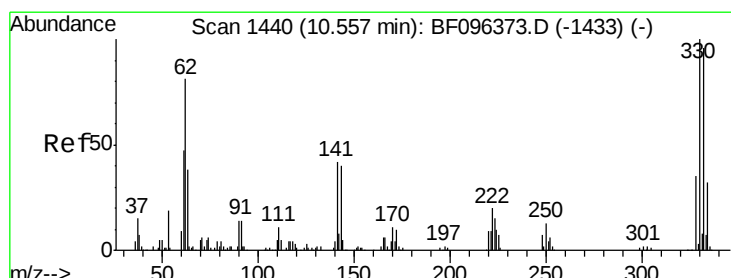
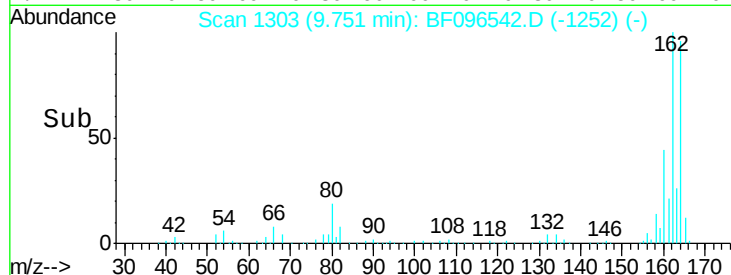
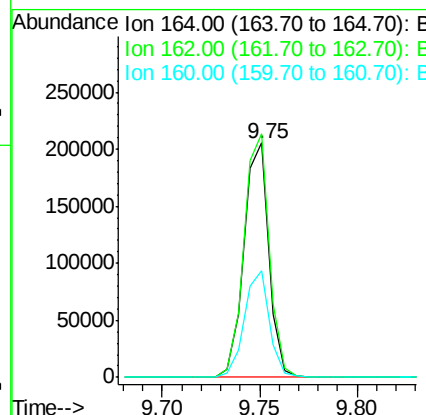
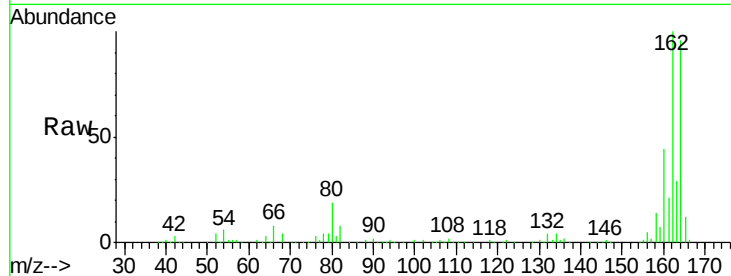
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 SS4-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181681		
162	103.8	82.6	123.8	
160	45.3	36.2	54.2	

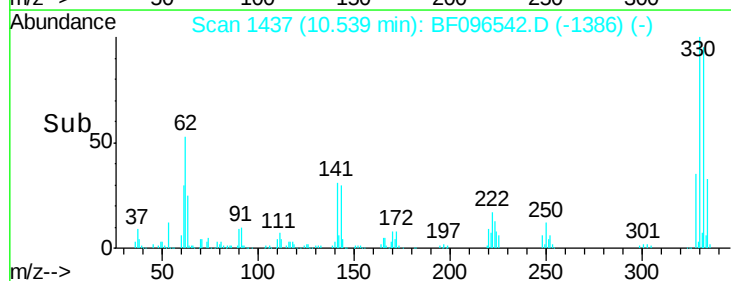
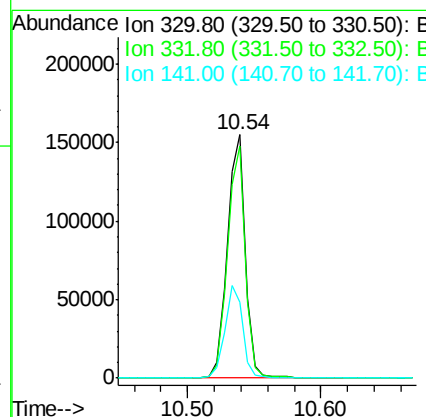
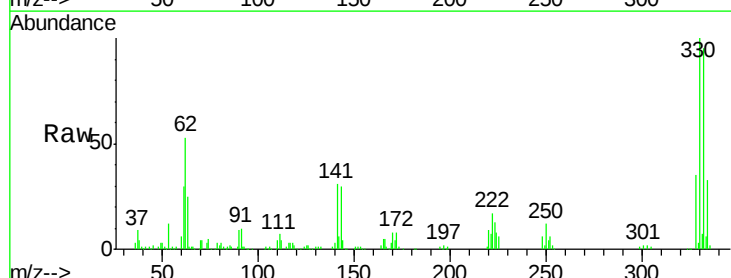
Manual Integrations
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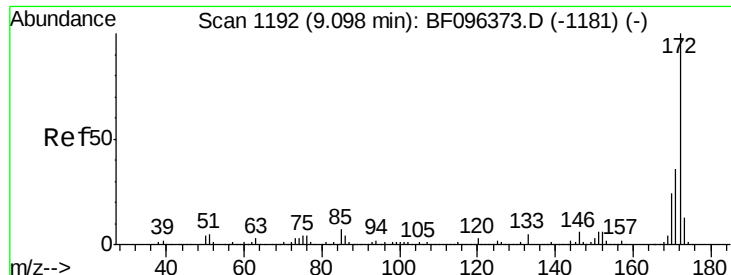
mohammad
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#41
 2,4,6-Tribromophenol
 Concen: 104.205 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

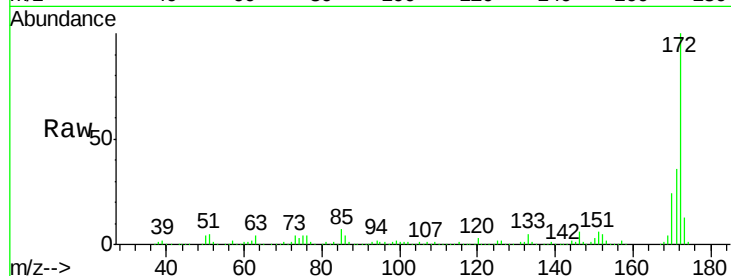
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147882		
332	94.4	76.6	115.0	
141	37.3	31.4	47.2	





#44
 2-Fluorobiphenyl
 Concen: 89.530 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

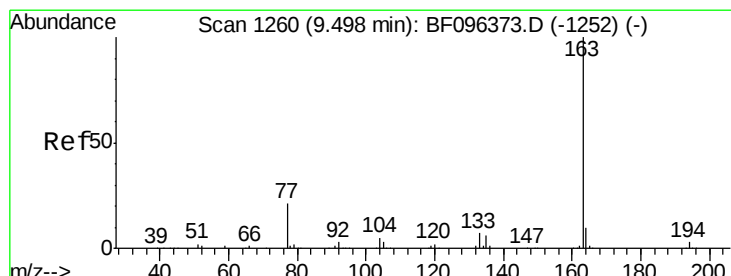
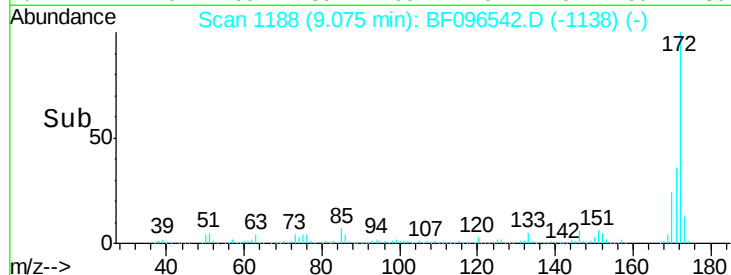
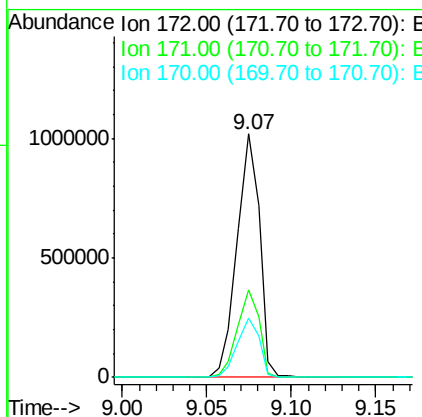
Instrument :
 BNA_F
 ClientSampleId :
 SS4-1-4-COMP



Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	29.6	44.4
170	24.1	19.8	29.8

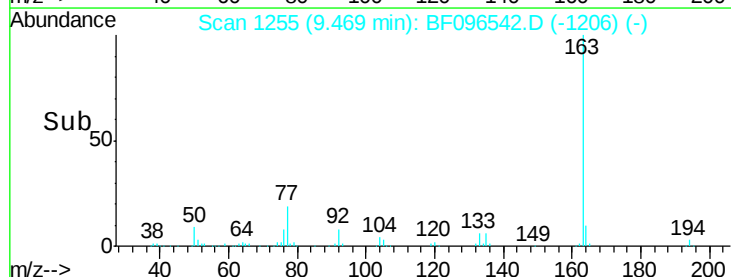
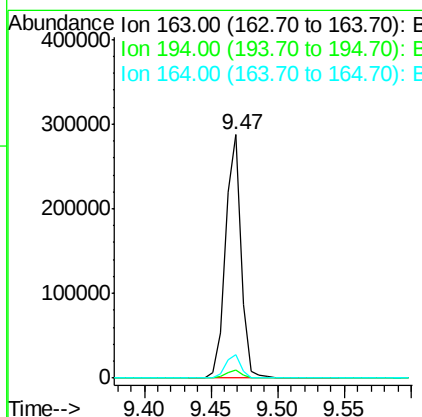
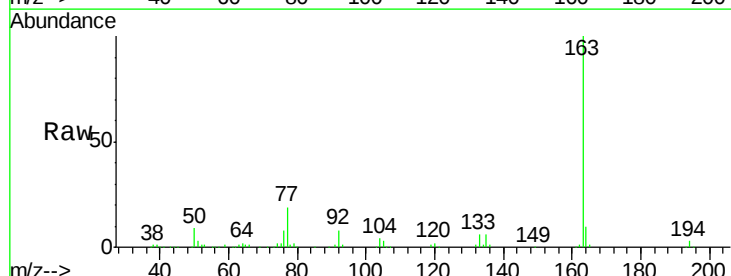
Manual Integrations
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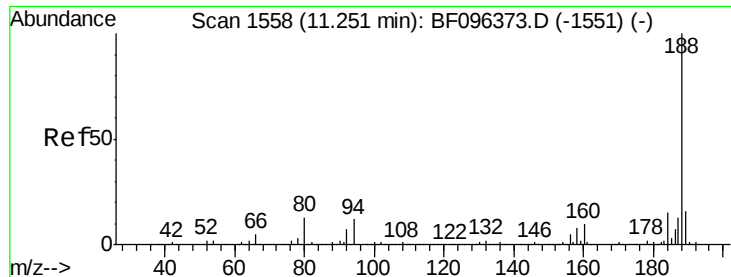
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#49
 Dimethylphthalate
 Concen: 17.527 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096542.D
 Acq: 6 Jul 2017 19:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

Instrument :

BNA_F

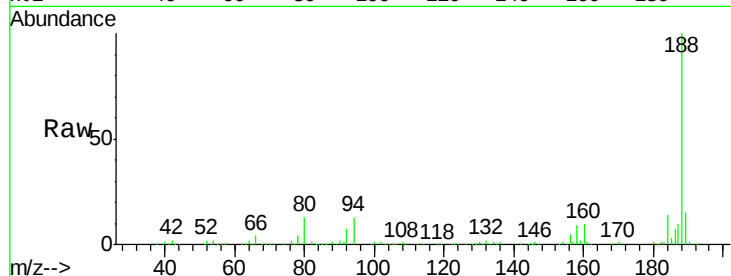
ClientSampleId :

SS4-1-4-COMP

Tgt Ion:	188	Resp:	273340
Ion Ratio	Lower	Upper	
188	100		
94	13.1	9.4	14.2
80	12.8	10.2	15.2

Manual Integrations
APPROVED

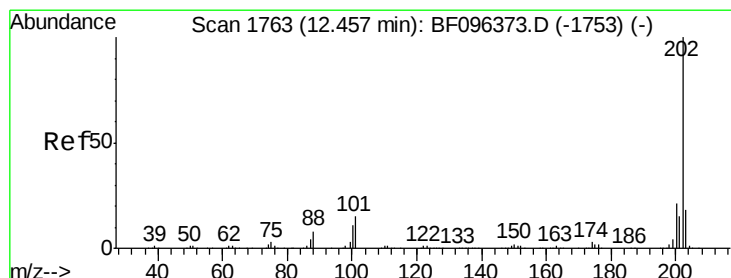
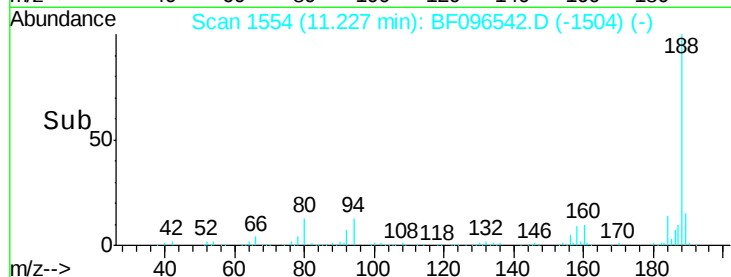
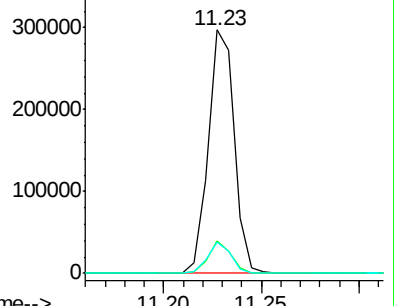
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 2.695 ng

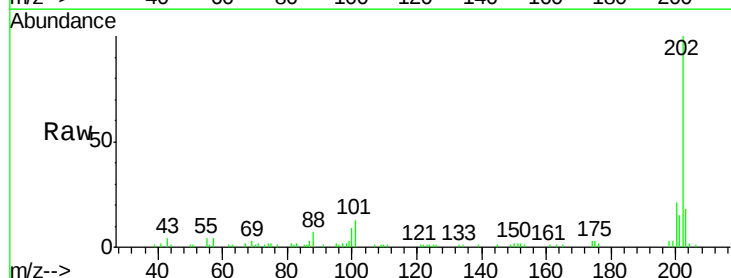
RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

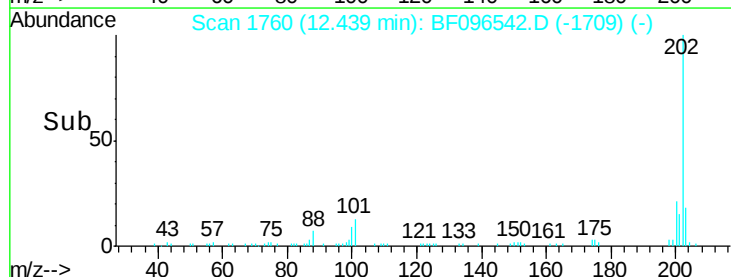
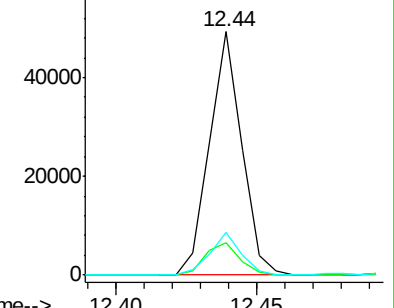
Tgt Ion:	202	Resp:	39044
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	17.7	0.0	38.1

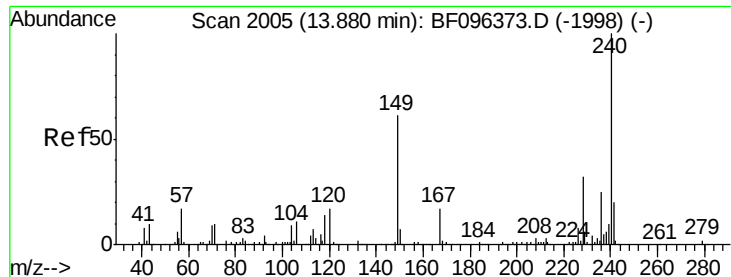


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

Instrument :

BNA_F

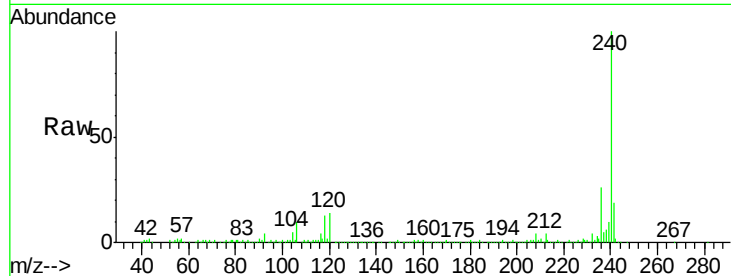
ClientSampleId :

SS4-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	241820		
120	14.1	5.8	8.8#	
236	26.4	20.5	30.7	

Manual Integrations
APPROVED

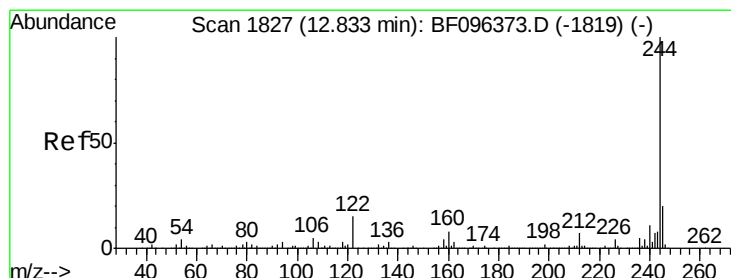
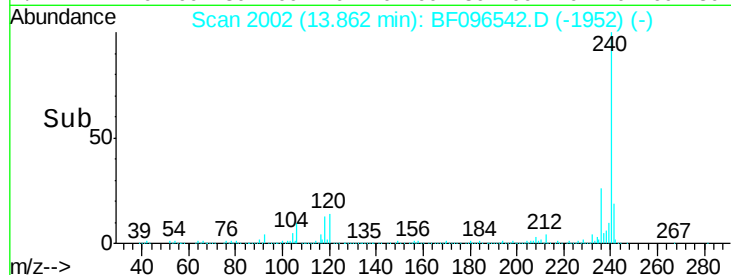
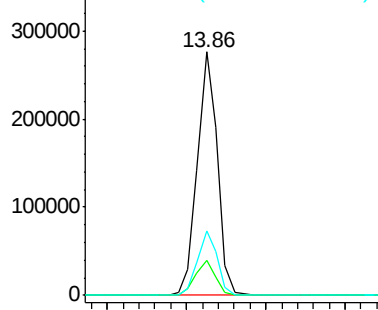
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 56.670 ng

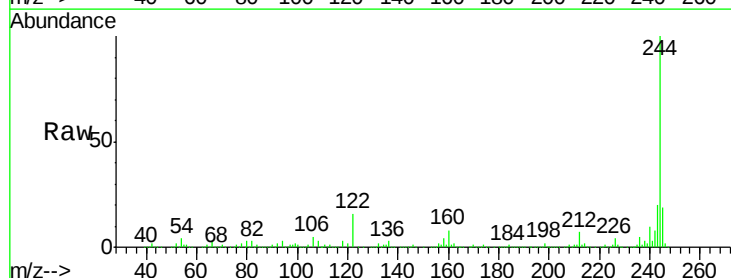
RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096542.D

Acq: 6 Jul 2017 19:21

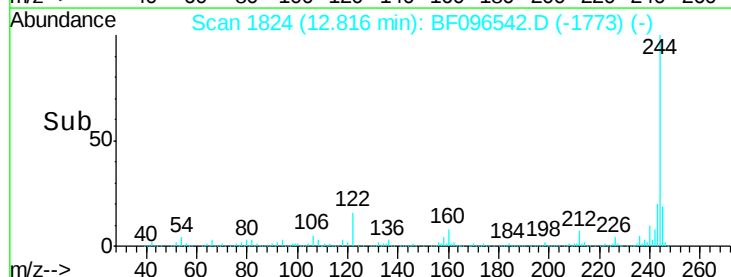
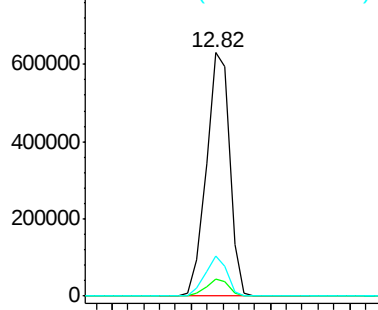
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	641323		
212	6.7	6.0	9.0	
122	16.3	10.3	15.5#	

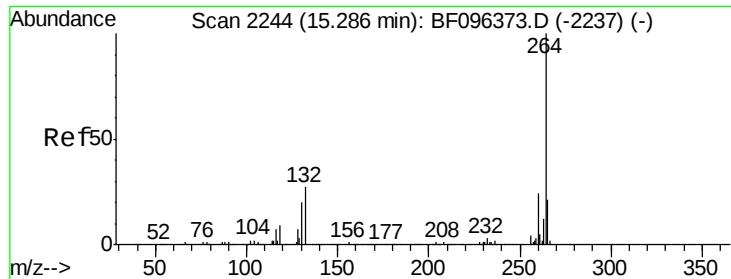


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





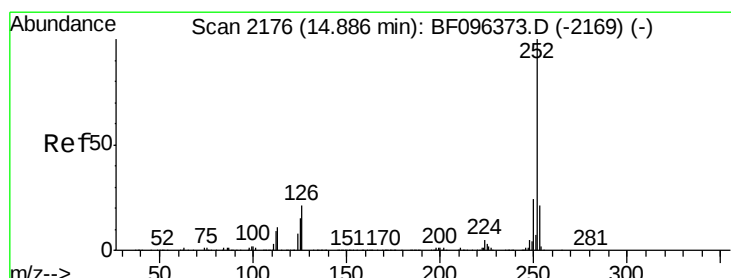
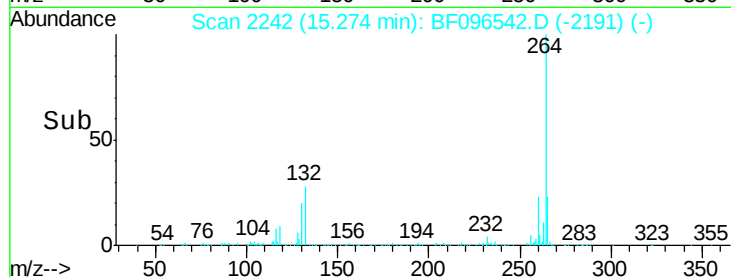
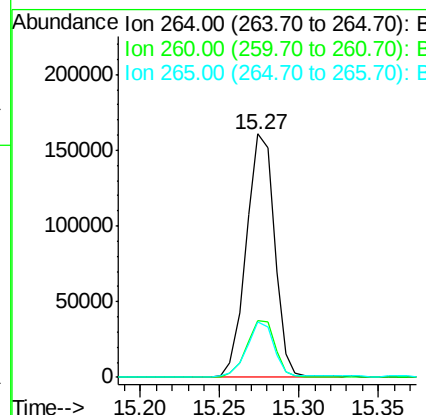
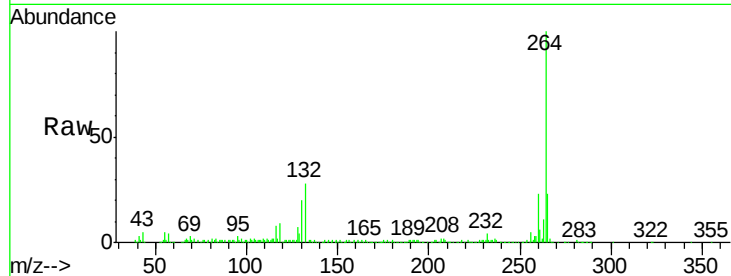
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Instrument :
BNA_F
ClientSampleId :
SS4-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	199716		
260	23.3	19.5	29.3	
265	23.0	17.2	25.8	

Manual Integrations
APPROVED

mohammad
7/7/2017 1:30:17 PM



#87
Benzo(b)fluoranthene
Concen: 2.190 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096542.D
Acq: 6 Jul 2017 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	27410		
253	29.4	18.1	27.1#	
125	27.1	9.8	14.8#	

