

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096539.D
 Acq On : 6 Jul 2017 17:59
 Operator : SJ/MA
 Sample : I3999-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS2-1-4-COMP

Manual Integrations
 APPROVED

mohammad
 7/7/2017 1:30:12 PM

Quant Time: Jul 07 03:23:01 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	114584	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	486522	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	188705	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	267563	20.00	ng	0.00
75) Chrysene-d12	13.86	240	249895	20.00	ng	0.00
86) Perylene-d12	15.28	264	188801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	832415	107.22	ng	0.01
7) Phenol-d6	6.36	99	1060209	111.09	ng	0.00
23) Nitrobenzene-d5	7.27	82	566119	69.92	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	146593	99.45	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	983872	89.14	ng	0.00
78) Terphenyl-d14	12.82	244	617932	52.84	ng	0.00
Target Compounds						
10) Phenol	6.37	94	27269	2.508	ng	Qvalue 90
49) Dimethylphthalate	9.47	163	281603	19.990	ng	98
70) Phenanthrene	11.25	178	33767	2.335	ng	96
74) Fluoranthene	12.44	202	93720	6.609	ng	99
77) Pyrene	12.66	202	89110	4.443	ng	98
80) Benzo(a)anthracene	13.85	228	49299	3.407	ng	97
82) Chrysene	13.89	228	46203	3.049	ng	97
87) Benzo(b)fluoranthene	14.87	252	50455m	4.265	ng	
89) Benzo(a)pyrene	15.22	252	33104	3.134	ng	# 76

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

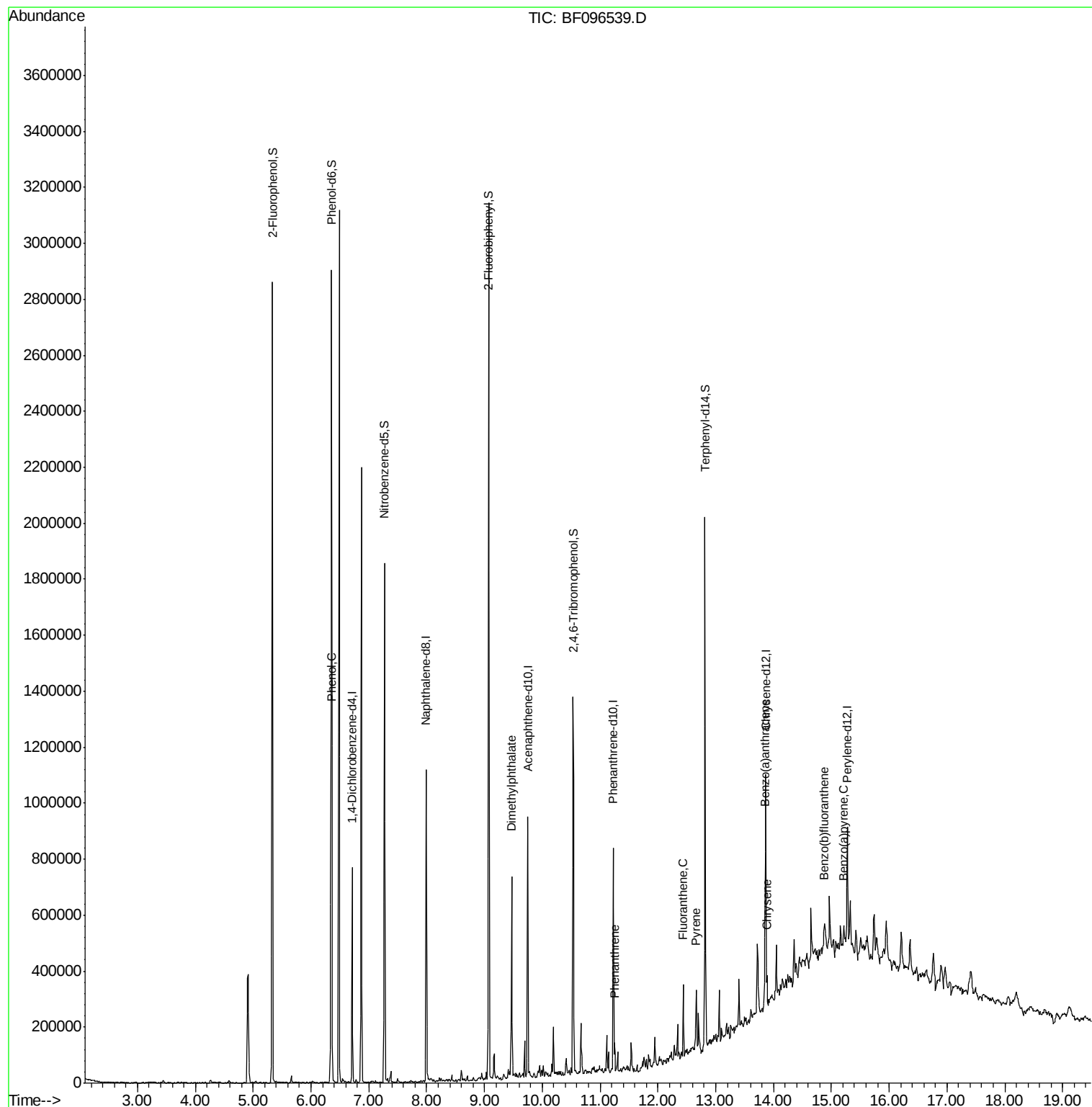
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096539.D
Acq On : 6 Jul 2017 17:59
Operator : SJ/MA
Sample : I3999-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

Manual Integrations
APPROVED

mohammad
7/7/2017 1:30:12 PM

Quant Time: Jul 07 03:23:01 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





#1

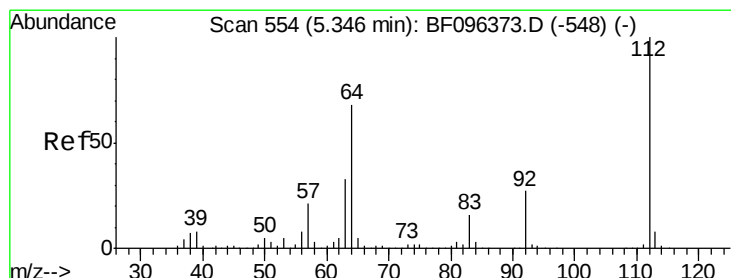
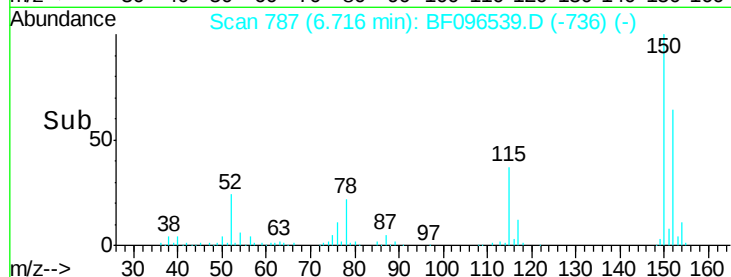
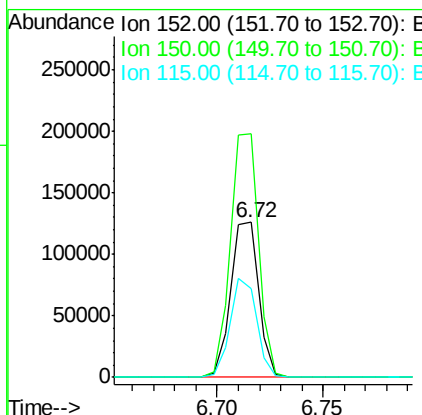
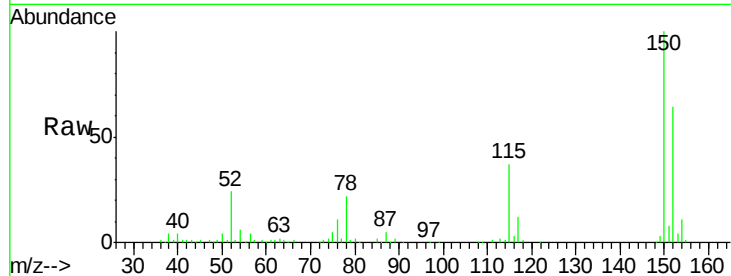
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	57.3	52.2	78.2

Manual Integrations
APPROVED

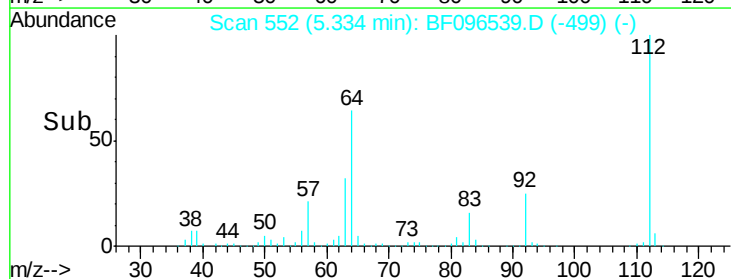
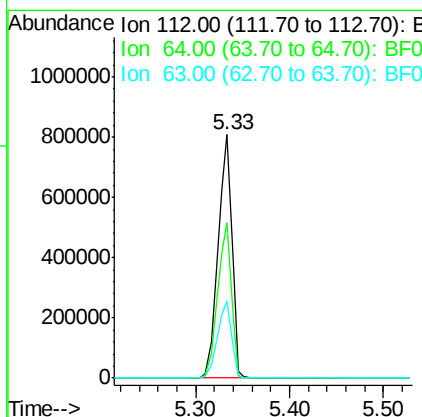
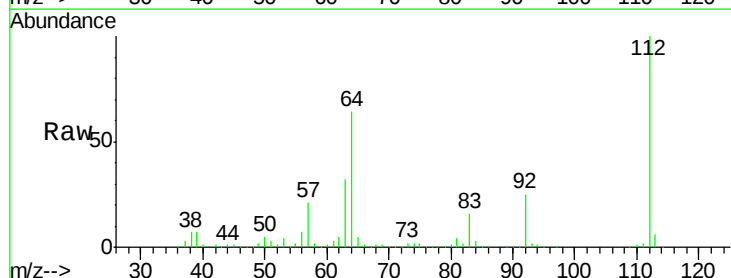
mohammad
7/7/2017 1:30:12 PM



#5

2-Fluorophenol
Concen: 107.224 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	46.0	69.0
63	32.0	23.4	35.0





#7

Phenol-d6

Concen: 111.087 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096539.D

Acq: 6 Jul 2017 17:59

Instrument :

BNA_F

ClientSampleId :

SS2-1-4-COMP

Tgt Ion: 99 Resp: 1060209

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

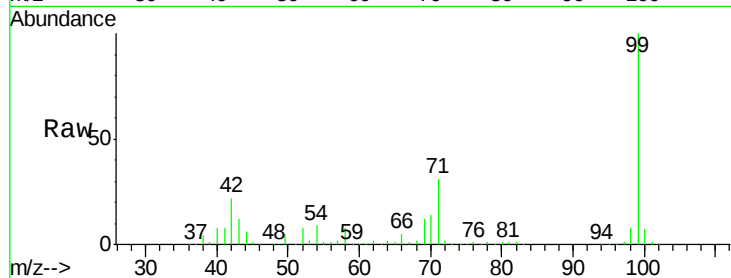
71 31.4 24.5 36.7

Manual Integrations

APPROVED

mohammad

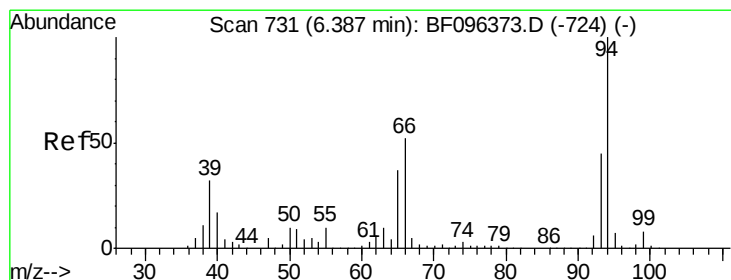
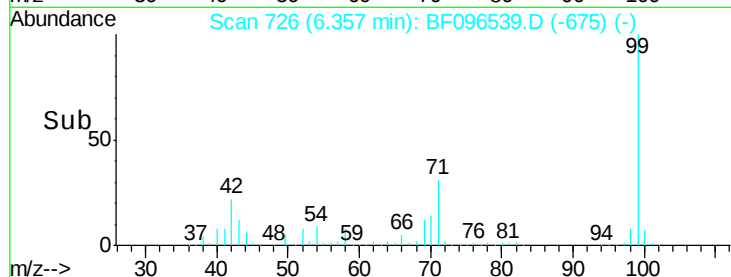
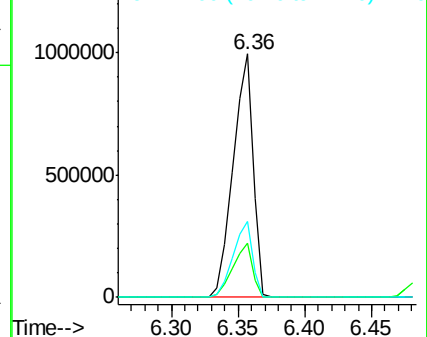
7/7/2017 1:30:12 PM



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: 2.508 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF096539.D

Acq: 6 Jul 2017 17:59

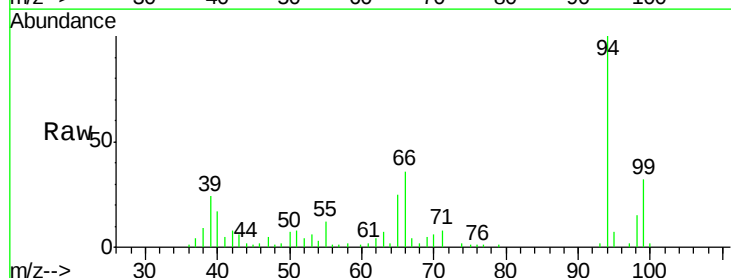
Tgt Ion: 94 Resp: 27269

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

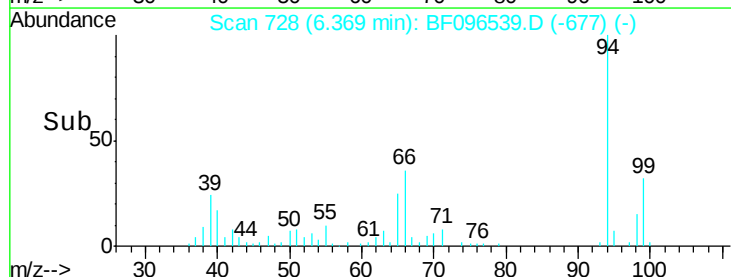
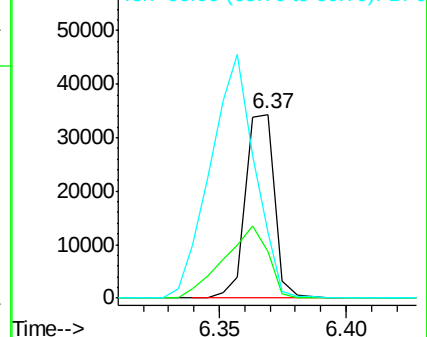
66 35.9 23.1 63.1

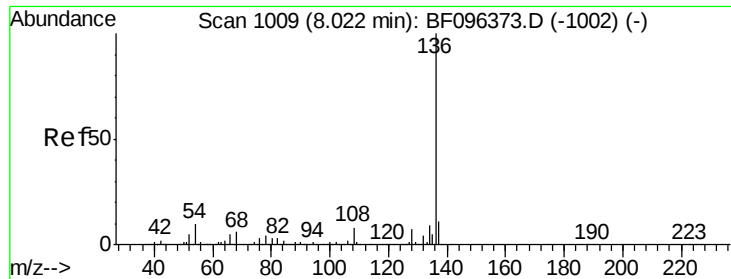


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





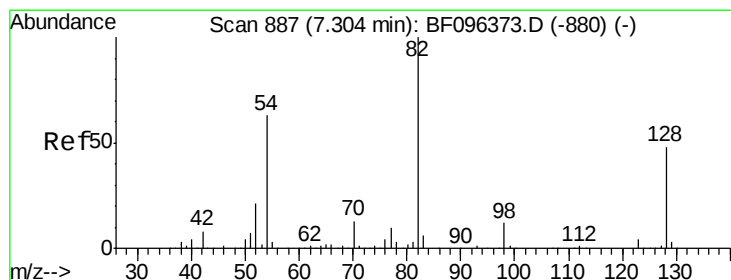
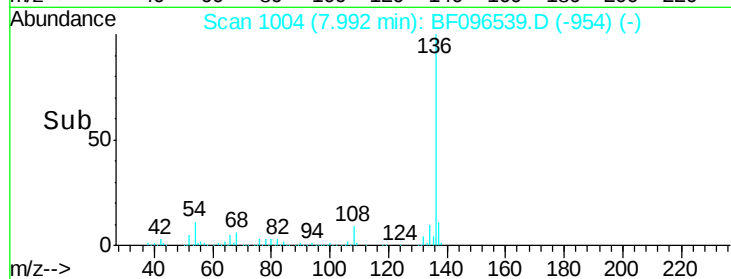
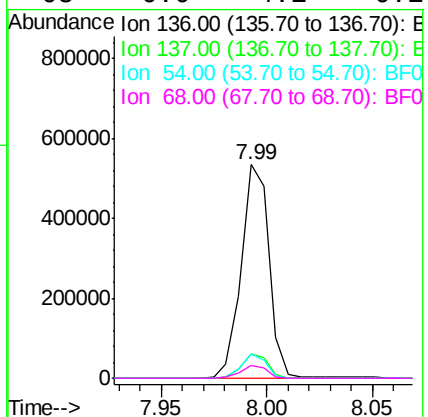
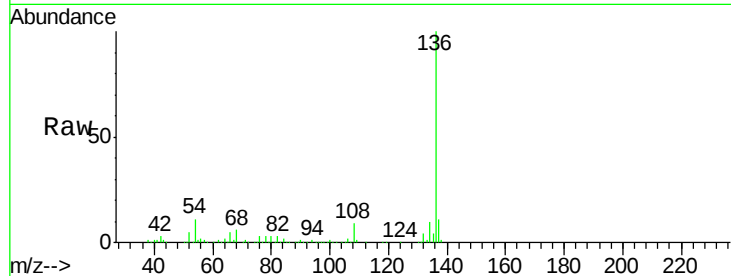
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	486522		
137	11.3	8.5	12.7	
54	11.3	4.9	7.3#	
68	6.0	4.1	6.1	

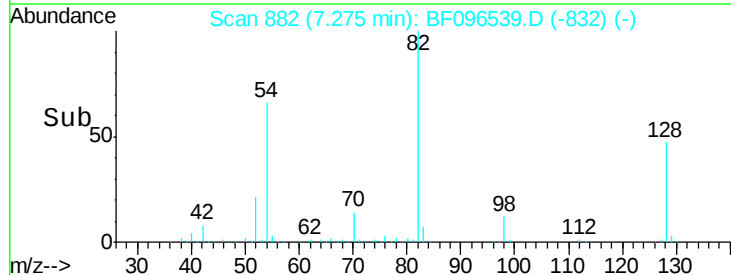
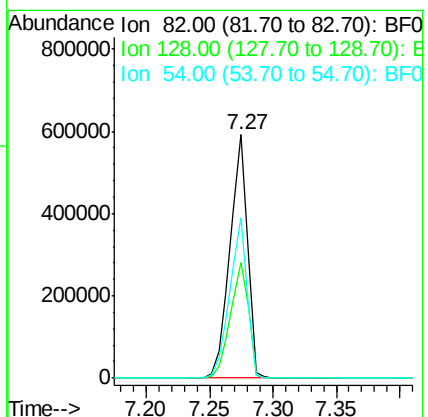
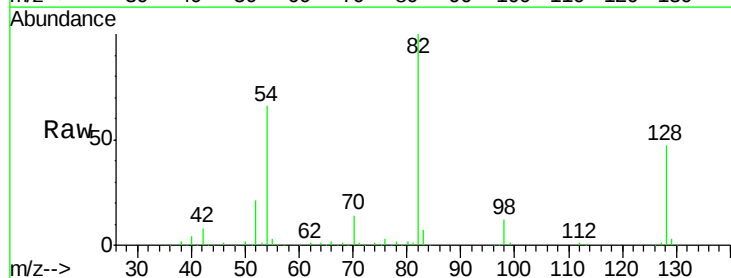
Manual Integrations
APPROVED

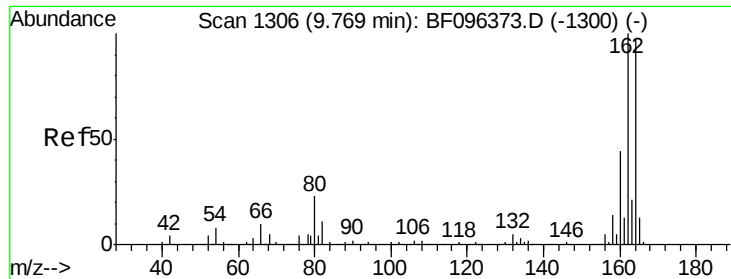
mohammad
7/7/2017 1:30:12 PM



#23
Nitrobenzene-d5
Concen: 69.922 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	566119		
128	47.4	34.0	51.0	
54	65.7	42.2	63.2#	





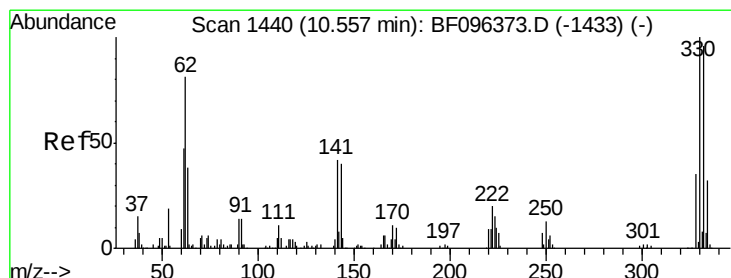
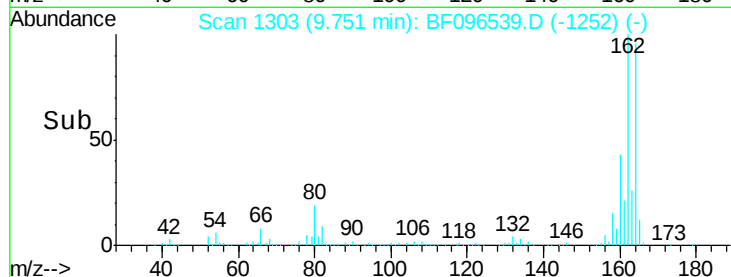
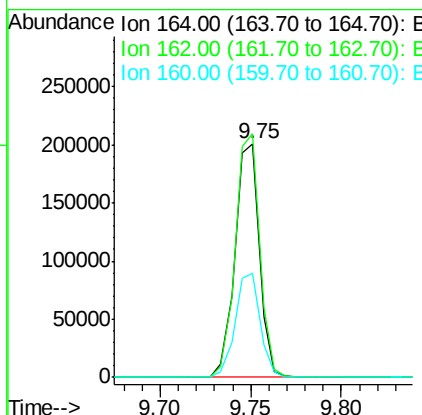
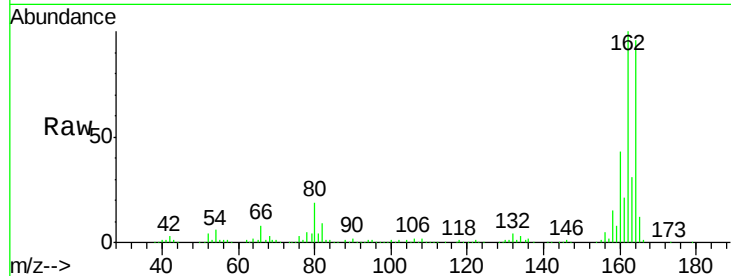
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096539.D
 Acq: 6 Jul 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SS2-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	188705		
162	104.1	82.6	123.8	
160	44.4	36.2	54.2	

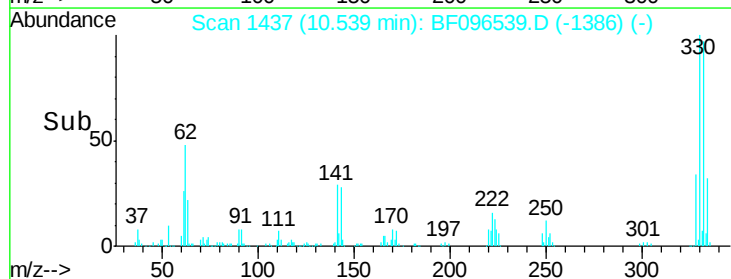
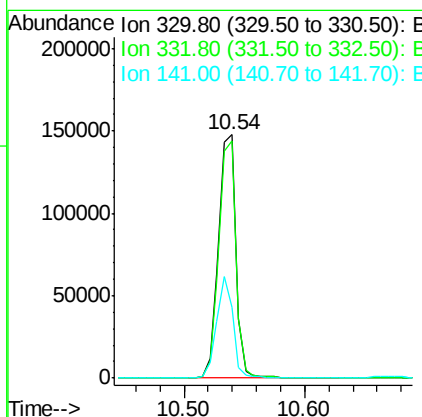
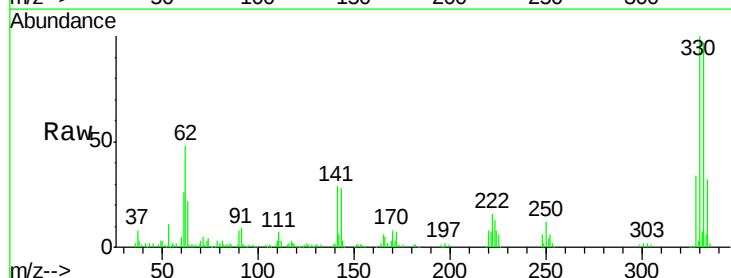
Manual Integrations
 APPROVED

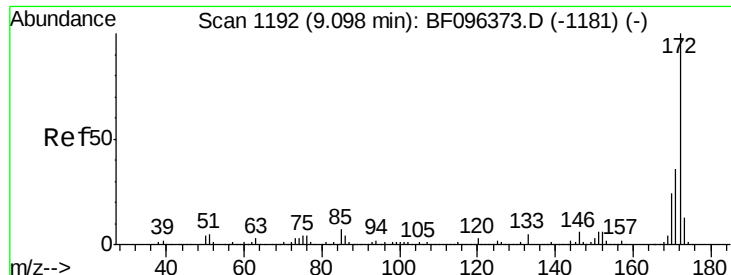
mohammad
 7/7/2017 1:30:12 PM



#41
 2,4,6-Tribromophenol
 Concen: 99.451 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096539.D
 Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146593		
332	96.1	76.6	115.0	
141	39.6	31.4	47.2	





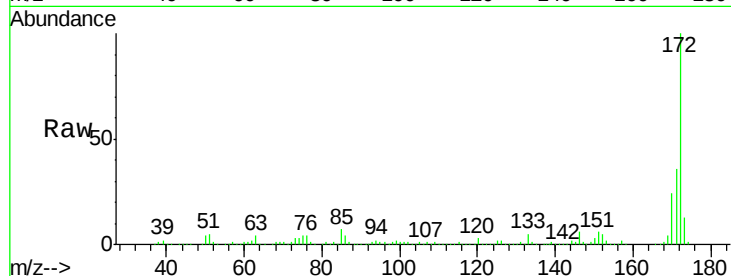
#44
2-Fluorobiphenyl
Concen: 89.144 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

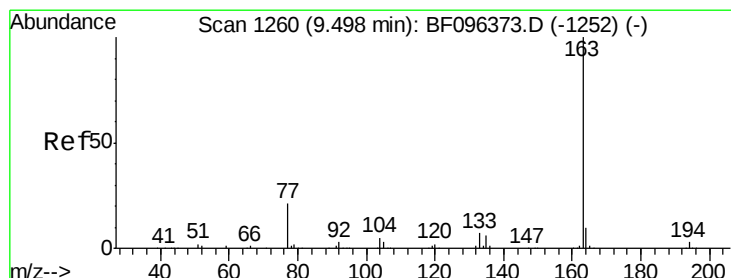
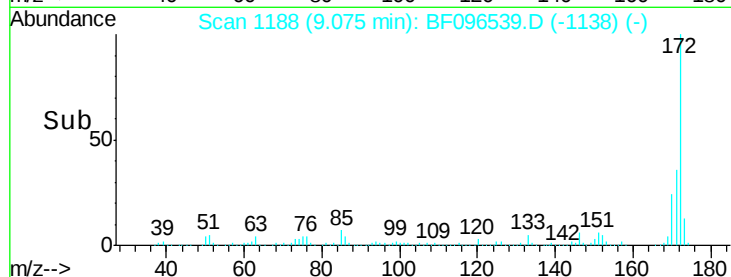
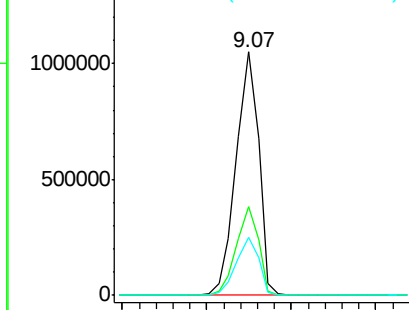
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	983872		
171	36.3		29.6	44.4
170	23.9		19.8	29.8

Manual Integrations
APPROVED

mohammad
7/7/2017 1:30:12 PM

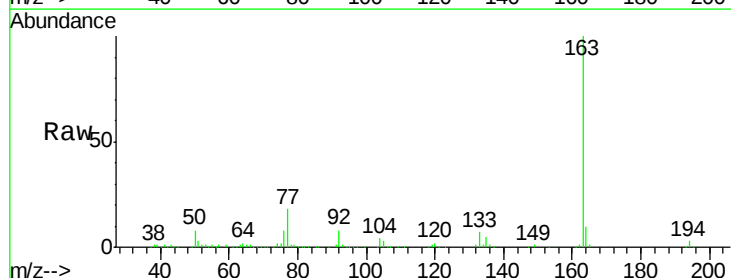


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

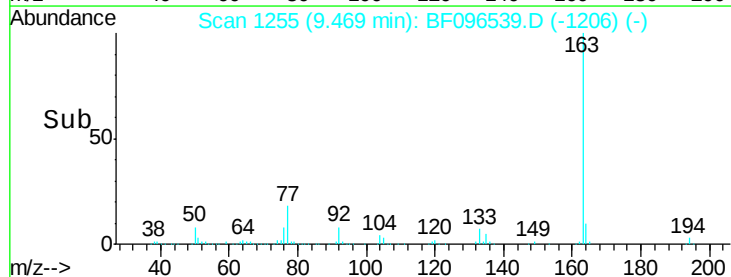
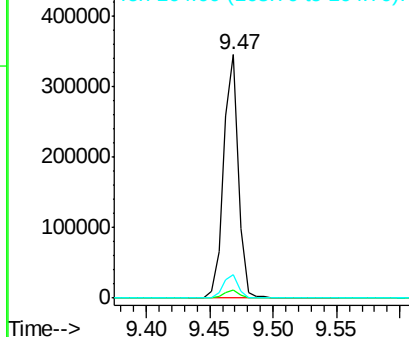


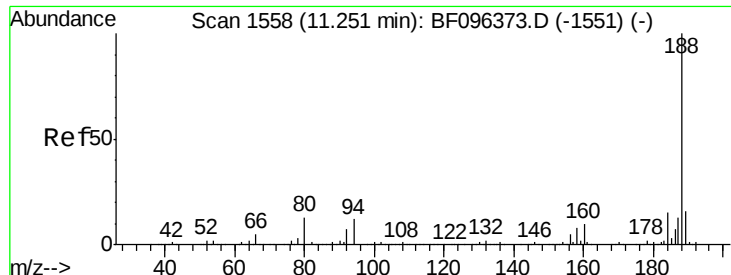
#49
Dimethylphthalate
Concen: 19.990 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	281603		
194	3.3		2.6	4.0
164	9.6		8.4	12.6



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





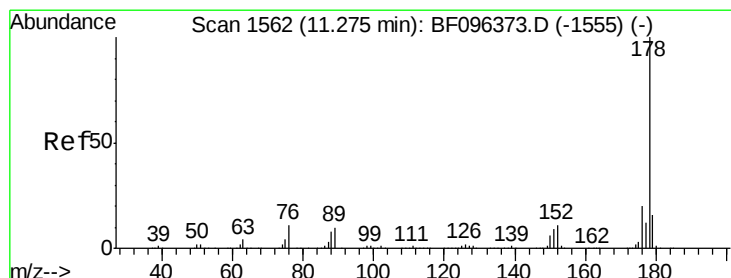
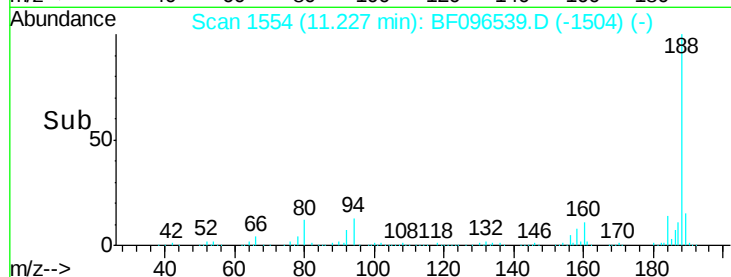
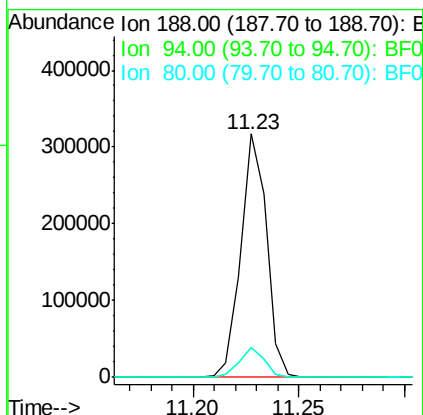
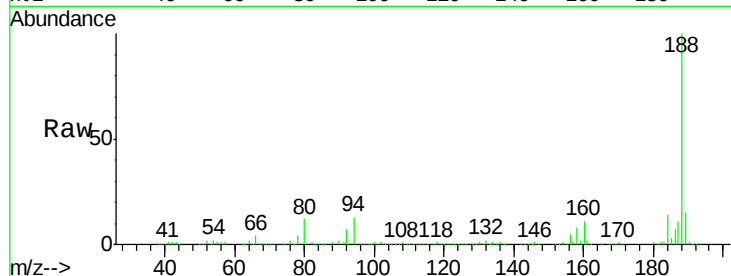
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	9.4	14.2
80	12.3	10.2	15.2

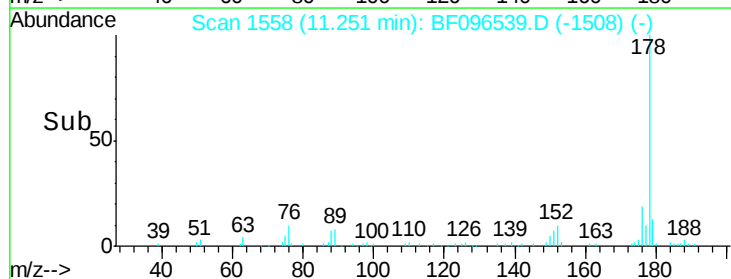
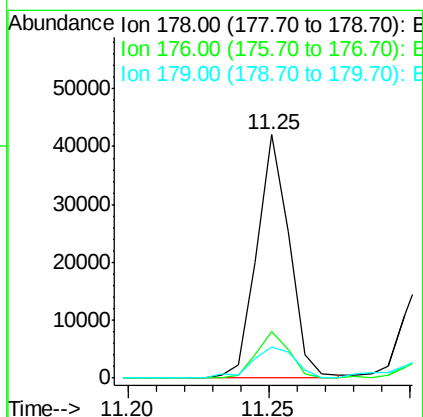
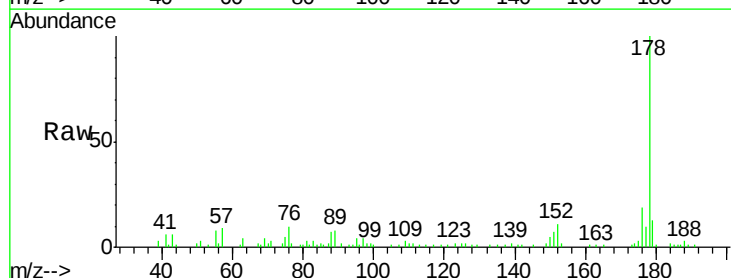
Manual Integrations
APPROVED

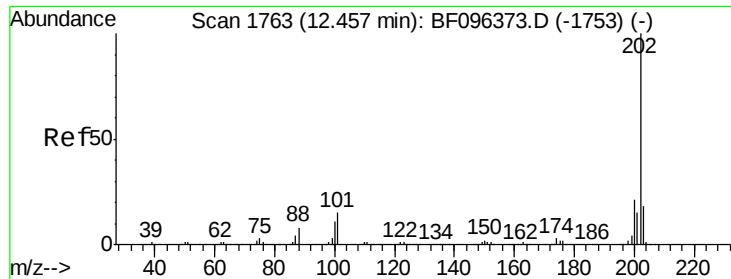
mohammad
7/7/2017 1:30:12 PM



#70
Phenanthrene
Concen: 2.335 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.3	16.2	24.4
179	13.0	12.6	19.0





#74

Fluoranthene

Concen: 6.609 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096539.D

Acq: 6 Jul 2017 17:59

Instrument :

BNA_F

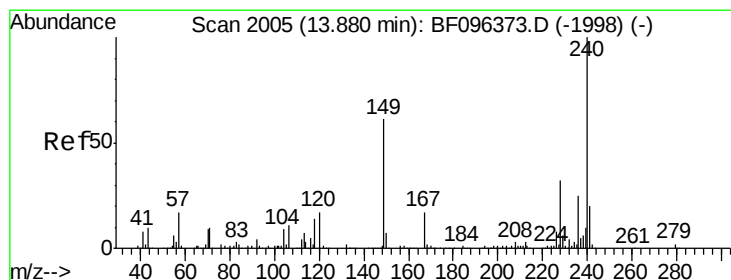
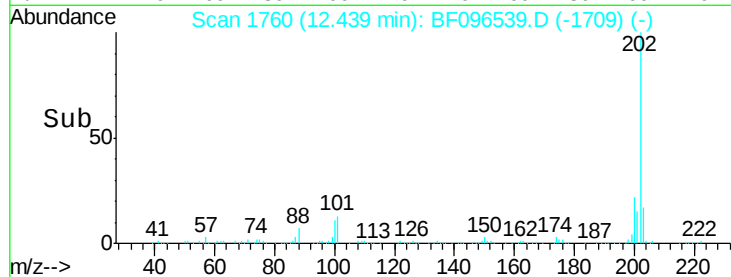
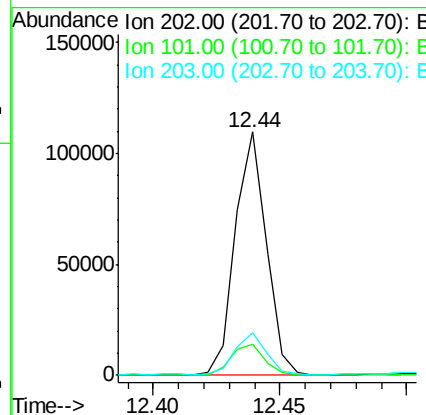
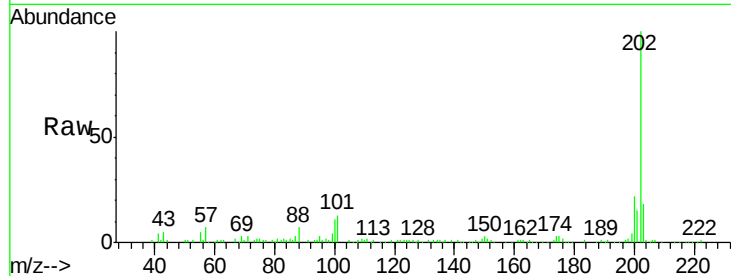
ClientSampleId :

SS2-1-4-COMP

Tgt Ion:	202	Resp:	93720
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.2
203	17.7	0.0	38.1

Manual Integrations
APPROVED

mohammad
7/7/2017 1:30:12 PM



#75

Chrysene-d12

Concen: 20.000 ng

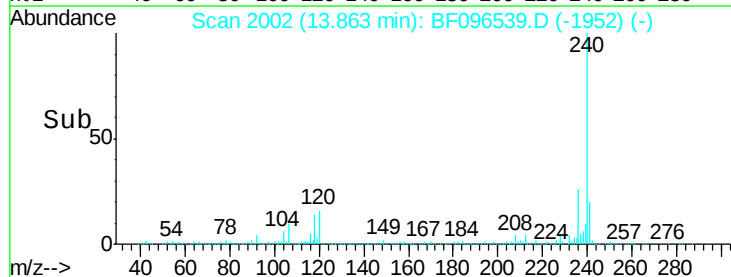
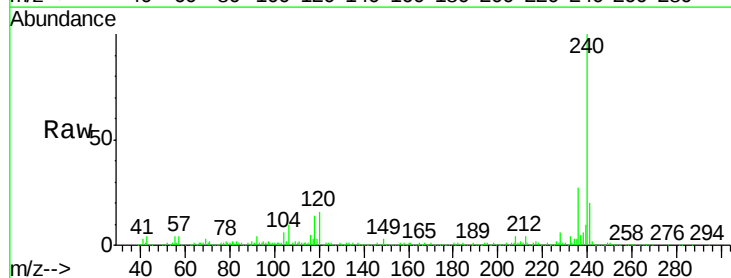
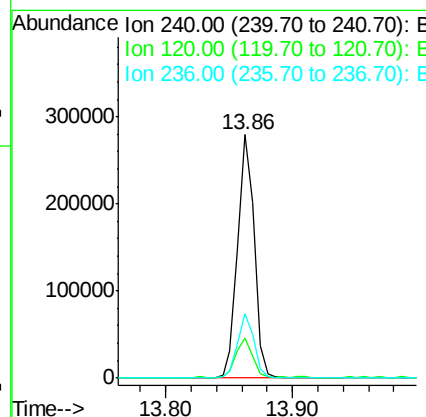
RT: 13.86 min Scan# 2002

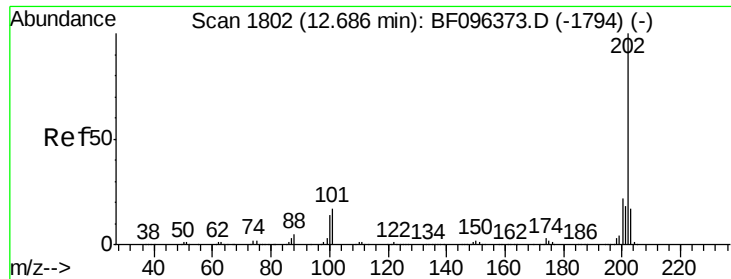
Delta R.T. -0.01 min

Lab File: BF096539.D

Acq: 6 Jul 2017 17:59

Tgt Ion:	240	Resp:	249895
Ion Ratio	Lower	Upper	
240	100		
120	16.3	5.8	8.8#
236	26.5	20.5	30.7





#77

Pyrene

Concen: 4.443 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096539.D

Acq: 6 Jul 2017 17:59

Instrument :

BNA_F

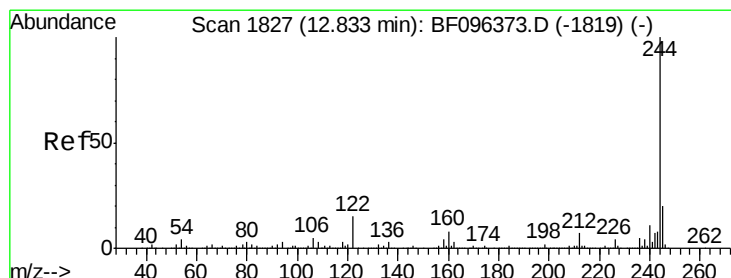
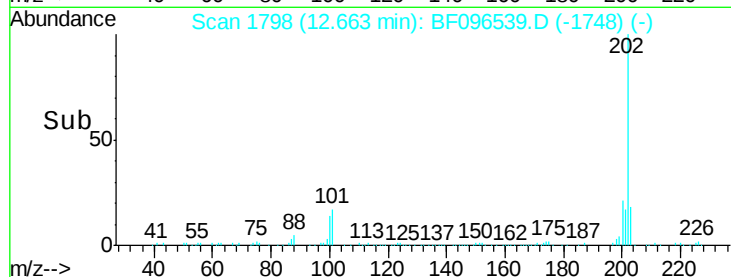
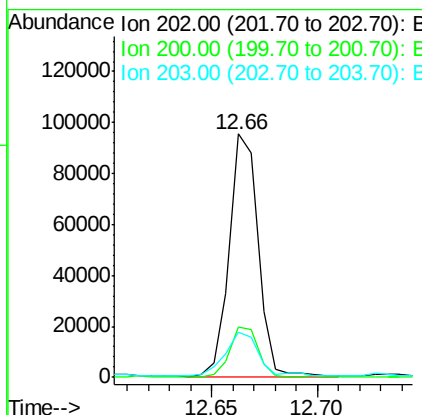
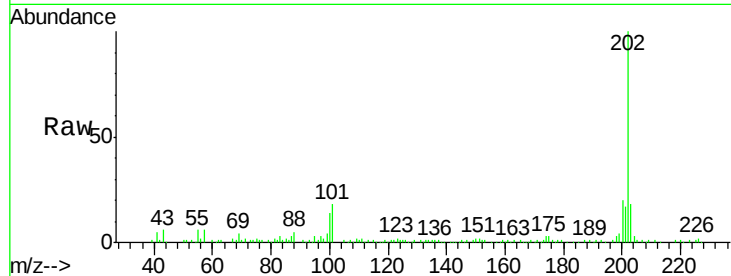
ClientSampleId :

SS2-1-4-COMP

Tgt Ion:	202	Resp:	89110
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.6	26.4
203	18.4	14.4	21.6

Manual Integrations
APPROVED

mohammad
7/7/2017 1:30:12 PM



#78

Terphenyl-d14

Concen: 52.839 ng

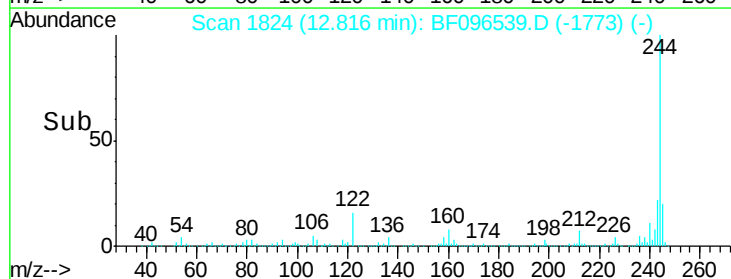
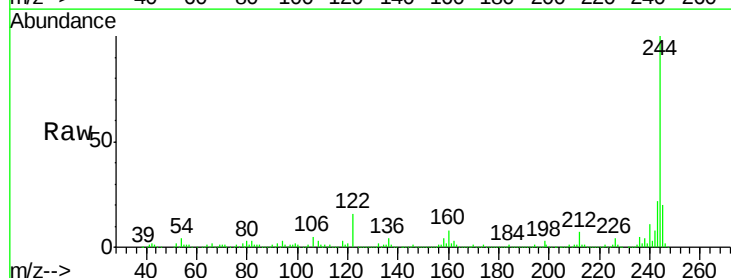
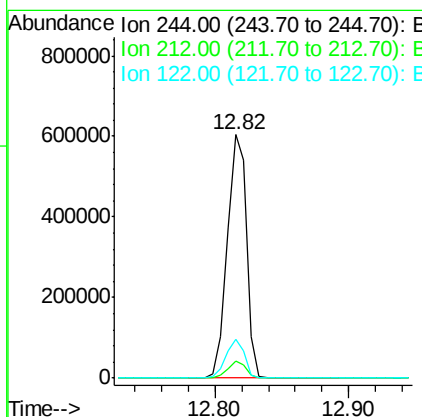
RT: 12.82 min Scan# 1824

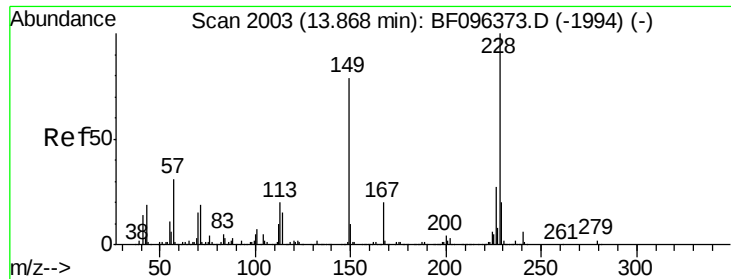
Delta R.T. -0.00 min

Lab File: BF096539.D

Acq: 6 Jul 2017 17:59

Tgt Ion:	244	Resp:	617932
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.8	10.3	15.5





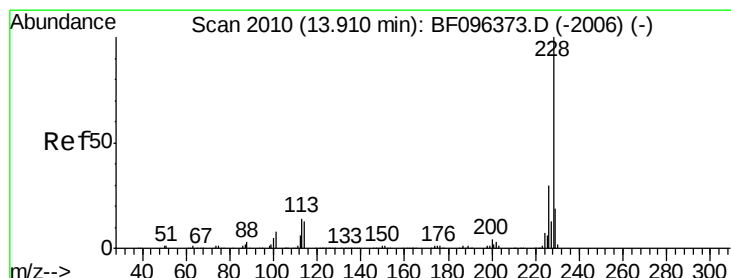
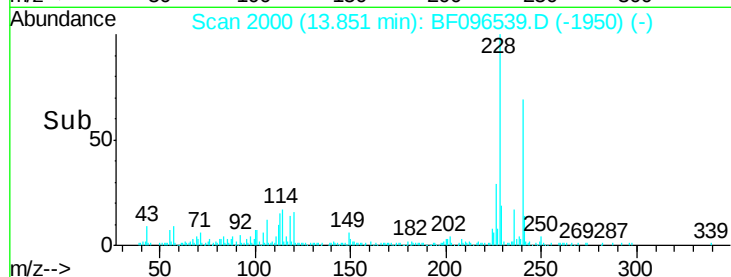
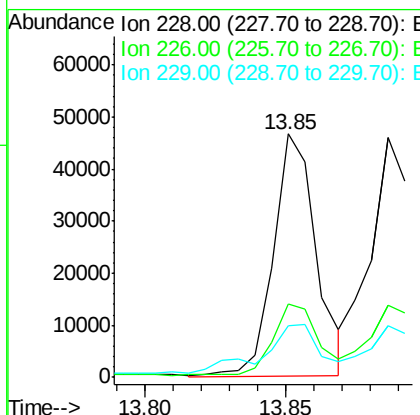
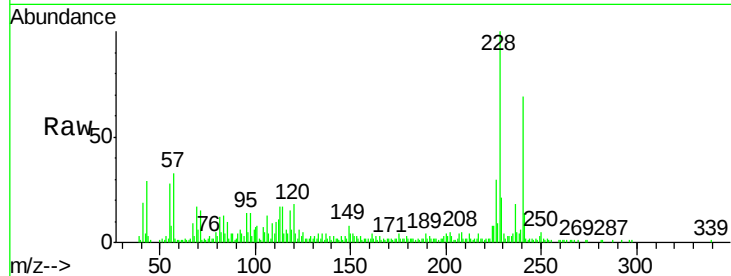
#80
Benzo(a)anthracene
Concen: 3.407 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.2	16.3	24.5

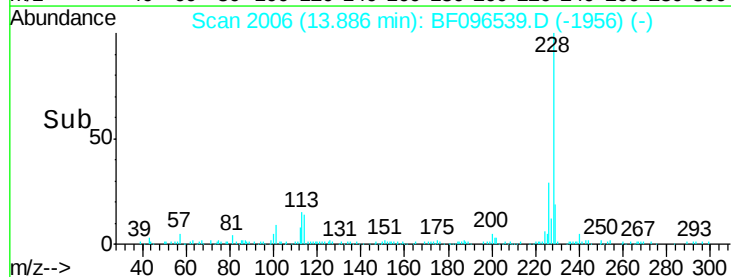
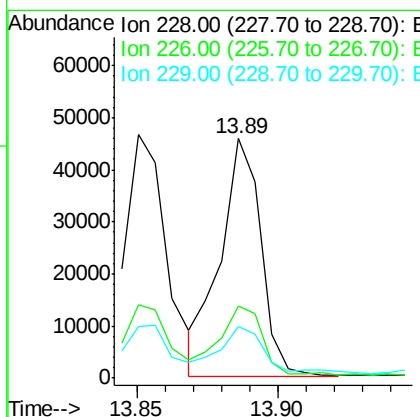
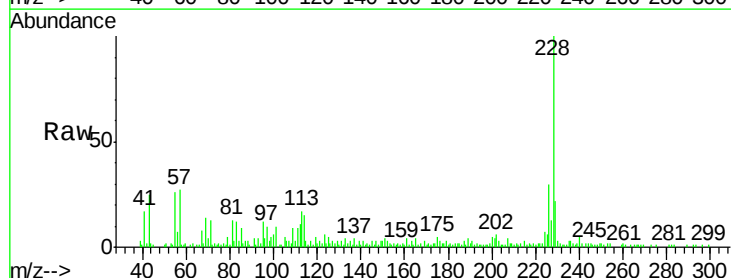
Manual Integrations
APPROVED

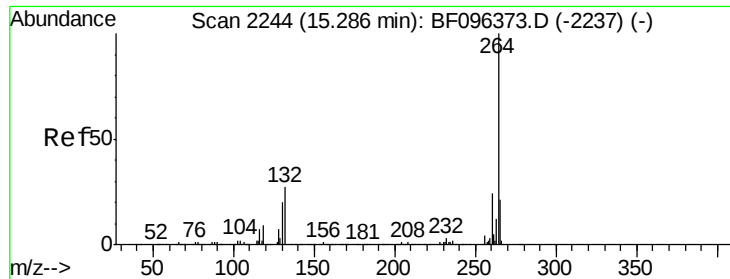
mohammad
7/7/2017 1:30:12 PM



#82
Chrysene
Concen: 3.049 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.6	15.8	23.6





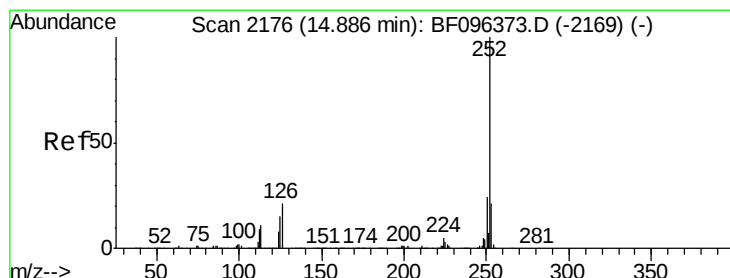
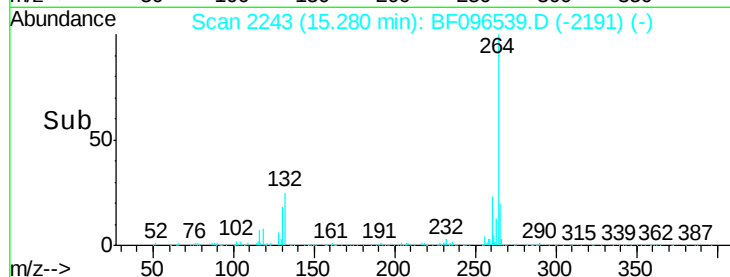
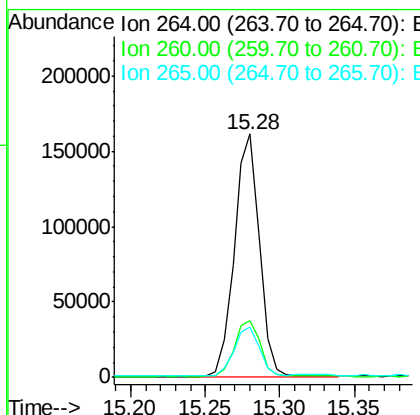
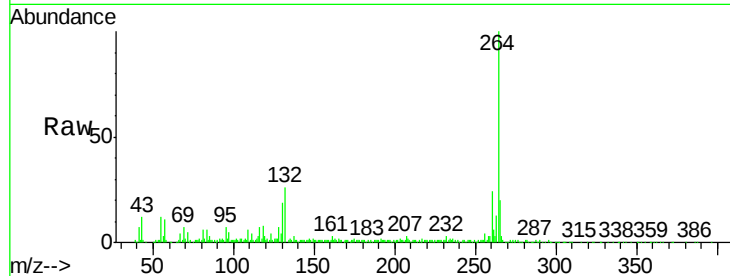
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Instrument :
BNA_F
ClientSampleId :
SS2-1-4-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	188801		
260	23.5	19.5	29.3	
265	20.5	17.2	25.8	

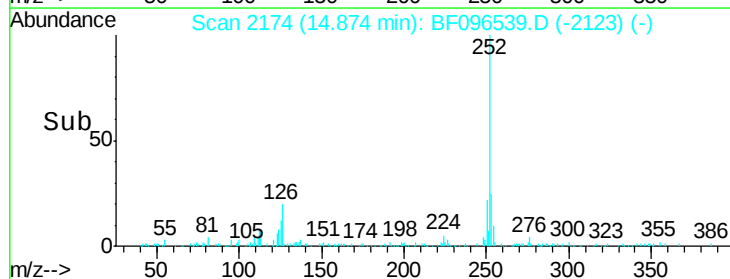
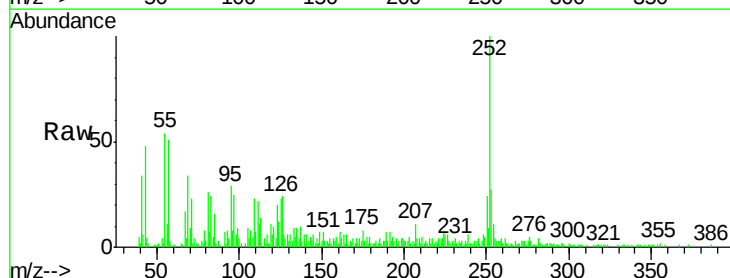
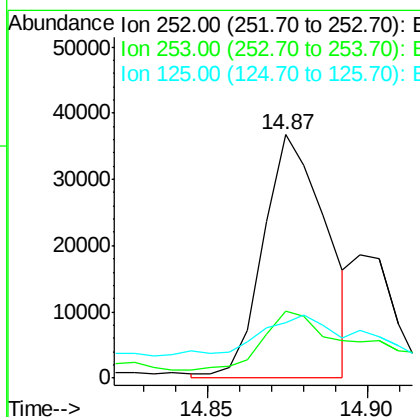
Manual Integrations
APPROVED

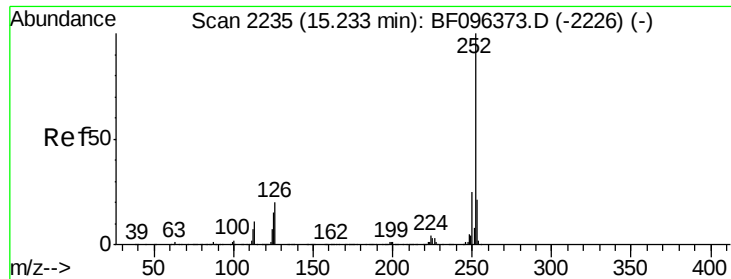
mohammad
7/7/2017 1:30:12 PM



#87
Benzo(b)fluoranthene
Concen: 4.265 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096539.D
Acq: 6 Jul 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	50455		
253	27.4	18.1	27.1#	
125	22.8	9.8	14.8#	





#89

Benzo(a)pyrene

Concen: 3.134 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF096539.D

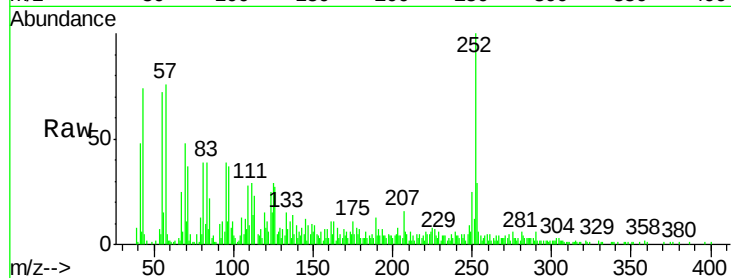
Acq: 6 Jul 2017 17:59

Instrument :

BNA_F

ClientSampleId :

SS2-1-4-COMP



Tgt Ion:	252	Resp:	33104
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.5	26.3#
125	29.1	11.0	16.4#

Manual Integrations
APPROVED

mohammad
7/7/2017 1:30:12 PM

