

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096394.D
 Acq On : 1 Jul 2017 22:24
 Operator : SJ/MA
 Sample : I3982-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 163-72-11929-COMP

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:01 PM

Quant Time: Jul 03 02:57:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141029	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	469518	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	173967	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	292899	20.00	ng	0.00
75) Chrysene-d12	13.87	240	295877	20.00	ng	0.00
86) Perylene-d12	15.28	264	210753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	847071	88.65	ng	0.00
7) Phenol-d6	6.37	99	1077080	91.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	522280	66.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	149046	109.68	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	869262	85.43	ng	0.00
78) Terphenyl-d14	12.83	244	711360	51.37	ng	0.00
Target Compounds						
10) Phenol	6.38	94	30242	2.260	ng	Qvalue 87
49) Dimethylphthalate	9.49	163	483463	37.227	ng	100
74) Fluoranthene	12.45	202	36335	2.341	ng	99
87) Benzo(b)fluoranthene	14.88	252	26923m	2.039	ng	

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

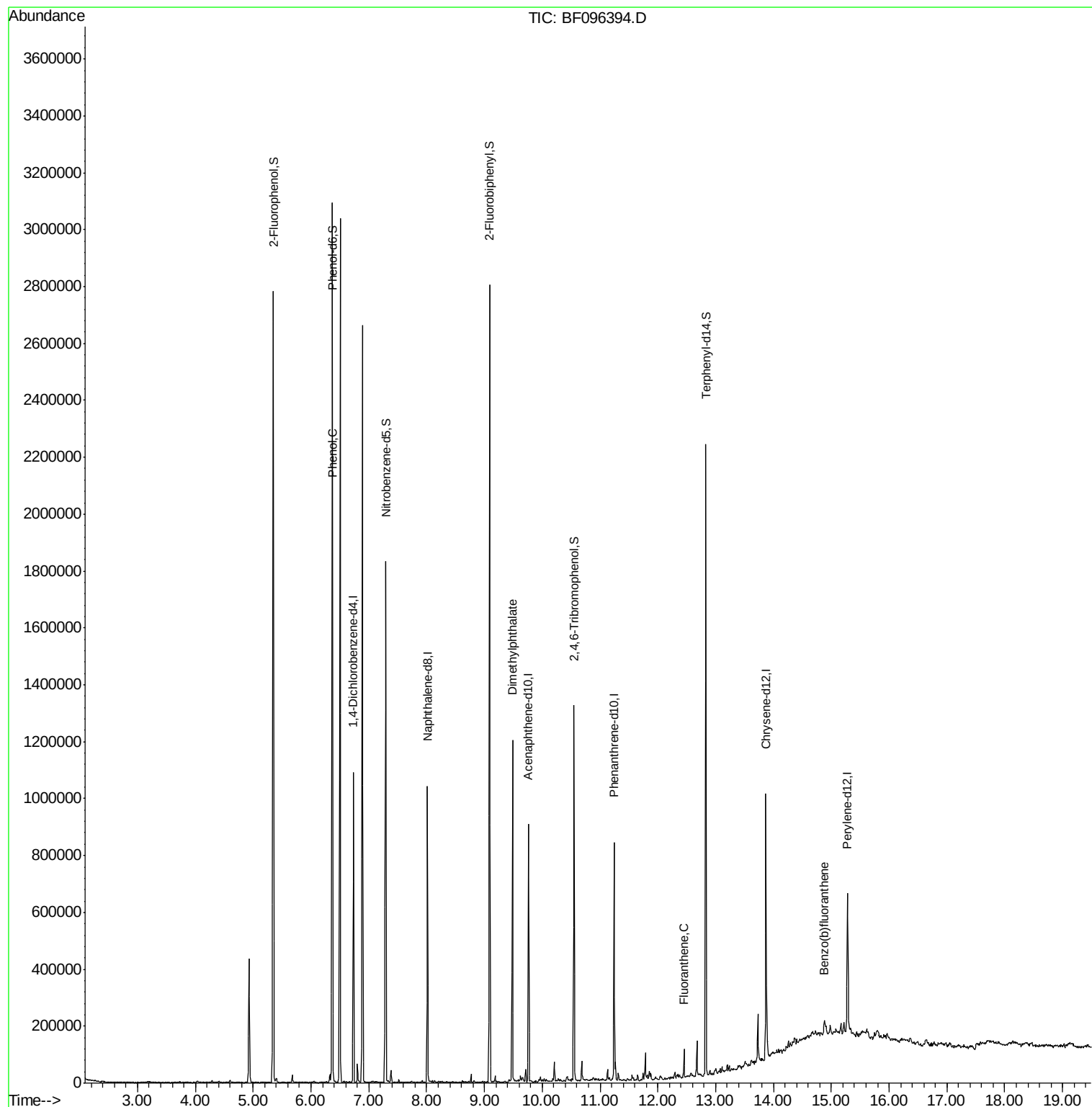
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096394.D
Acq On : 1 Jul 2017 22:24
Operator : SJ/MA
Sample : I3982-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

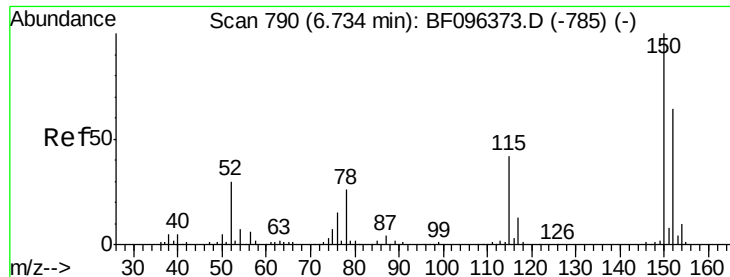
Instrument :
BNA_F
ClientSampleId :
163-72-11929-COMP

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:01 PM

Quant Time: Jul 03 02:57:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration





#1

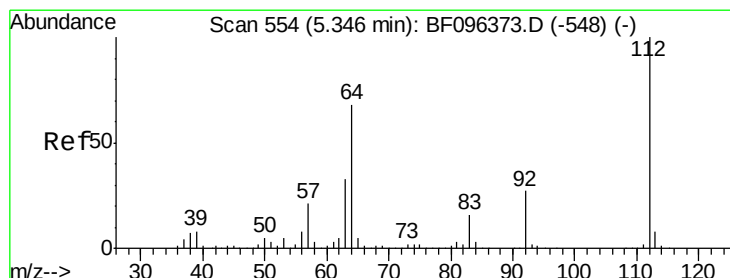
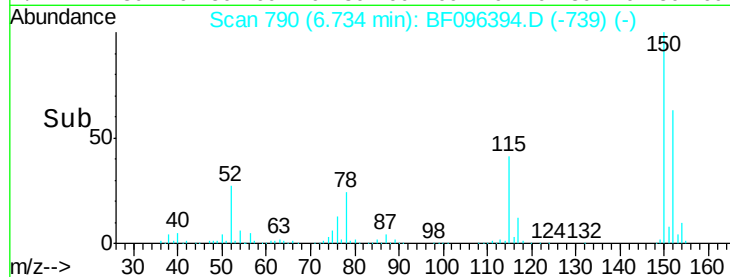
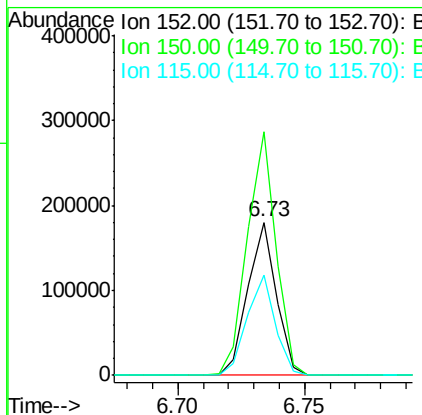
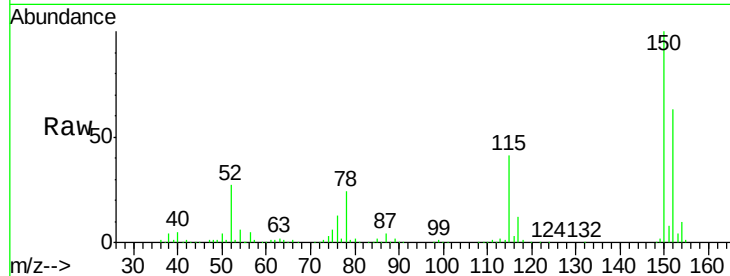
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Instrument :
BNA_F
ClientSampleId :
163-72-11929-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	65.9	52.2	78.2

Manual Integrations
APPROVED

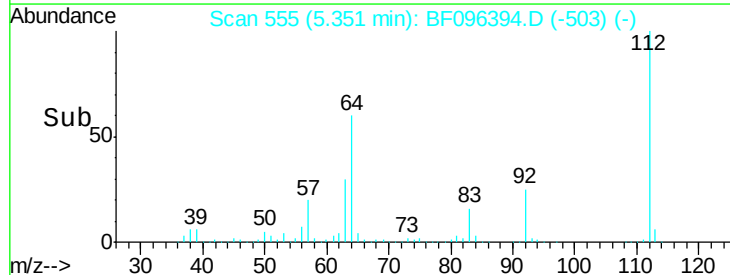
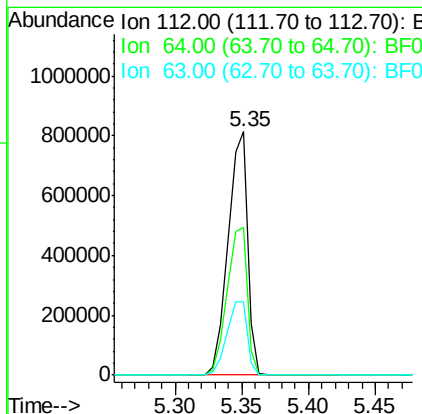
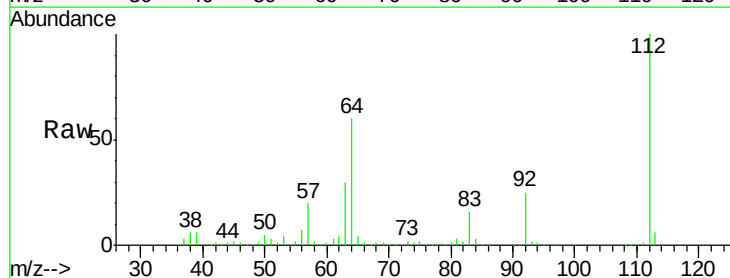
mohammad
7/3/2017 4:03:01 PM

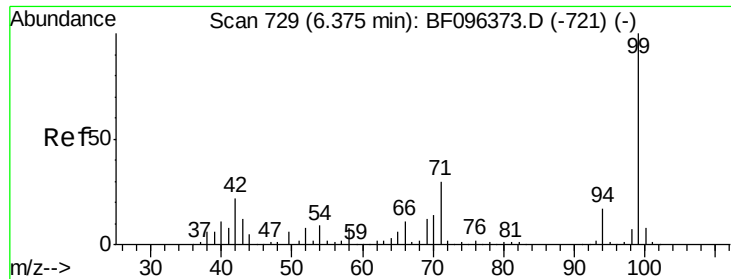


#5

2-Fluorophenol
Concen: 88.652 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.0	69.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 91.693 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096394.D

Acq: 1 Jul 2017 22:24

Instrument :

BNA_F

ClientSampleId :

163-72-11929-COMP

Tgt Ion: 99 Resp: 1077080

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

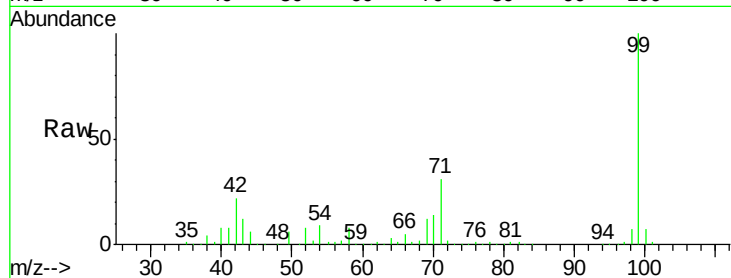
71 31.3 24.5 36.7

Manual Integrations

APPROVED

mohammad

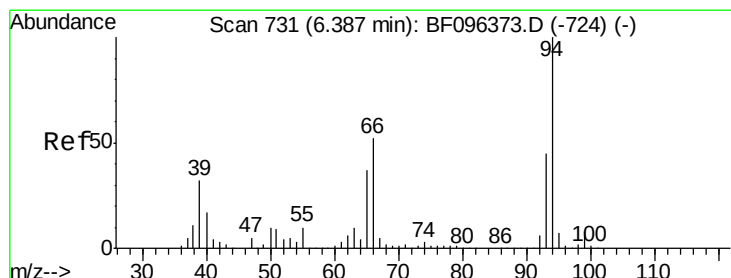
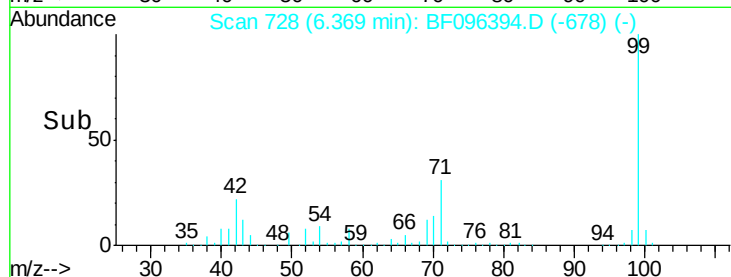
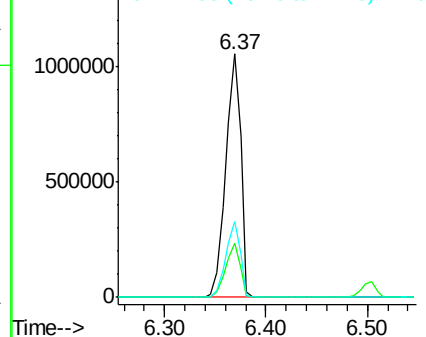
7/3/2017 4:03:01 PM



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: 2.260 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096394.D

Acq: 1 Jul 2017 22:24

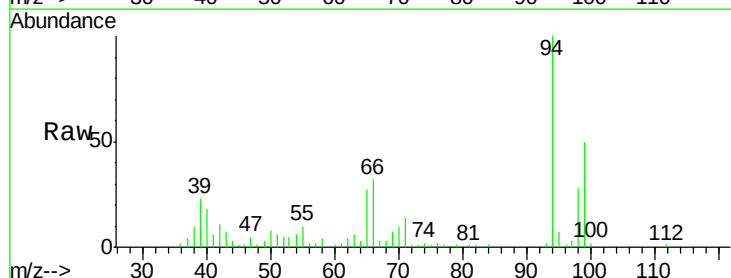
Tgt Ion: 94 Resp: 30242

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

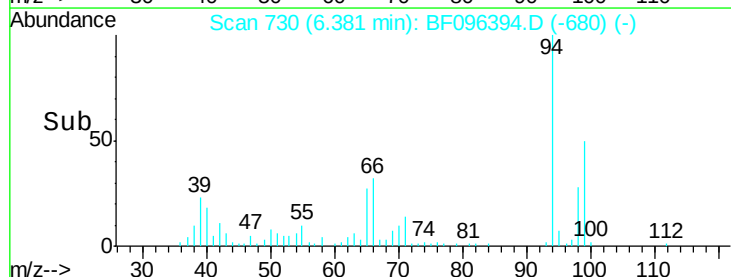
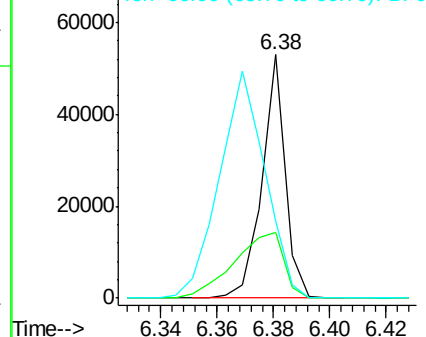
66 31.8 23.1 63.1

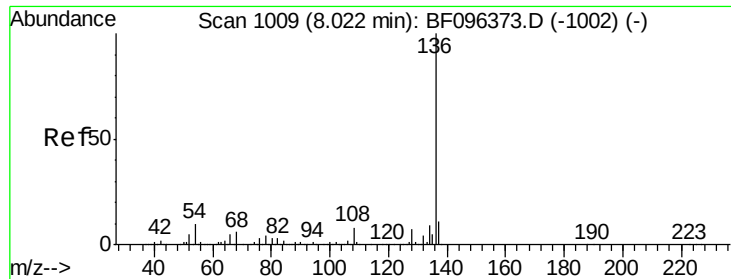


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





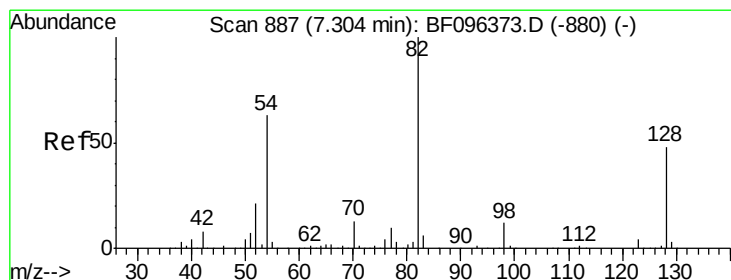
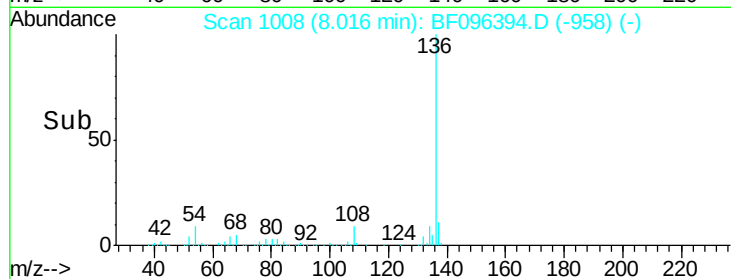
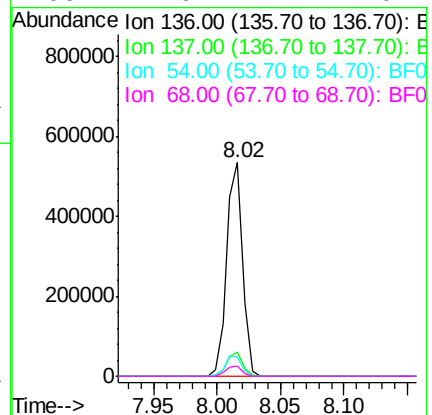
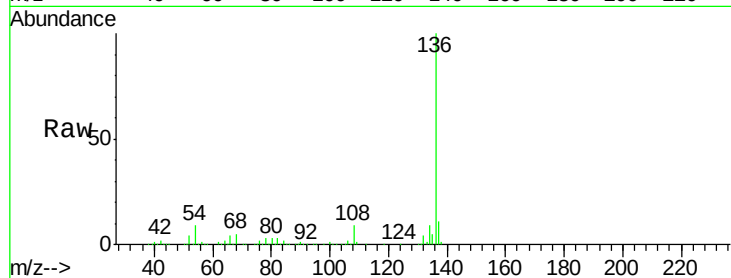
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Instrument :
BNA_F
ClientSampleId :
163-72-11929-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	469518		
137	11.2	8.5	12.7	
54	9.2	4.9	7.3#	
68	4.9	4.1	6.1	

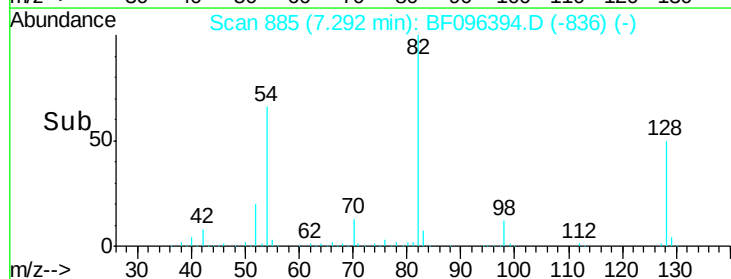
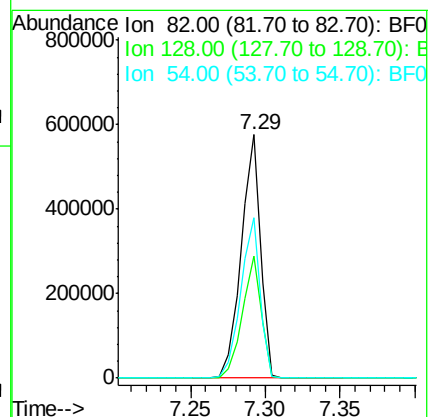
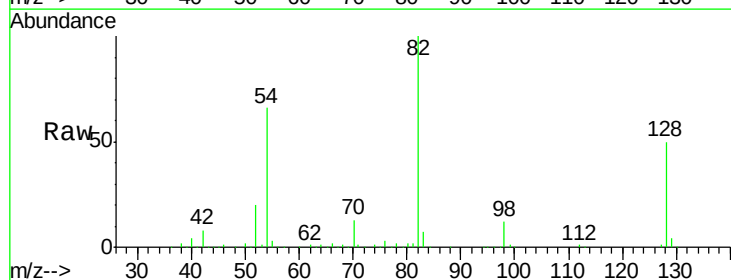
Manual Integrations
APPROVED

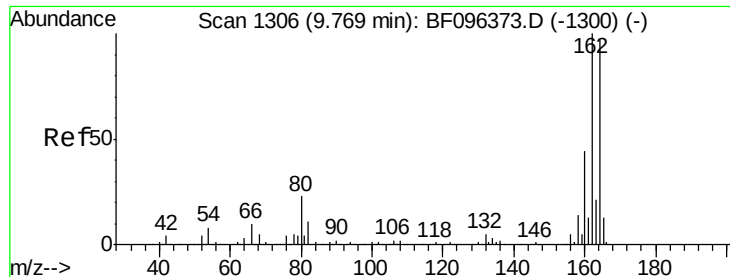
mohammad
7/3/2017 4:03:01 PM



#23
Nitrobenzene-d5
Concen: 66.843 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	522280		
128	50.1	34.0	51.0	
54	65.9	42.2	63.2#	





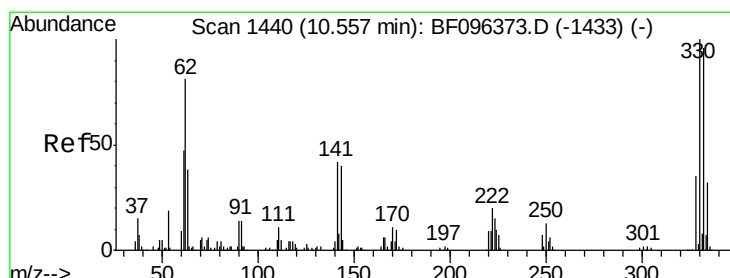
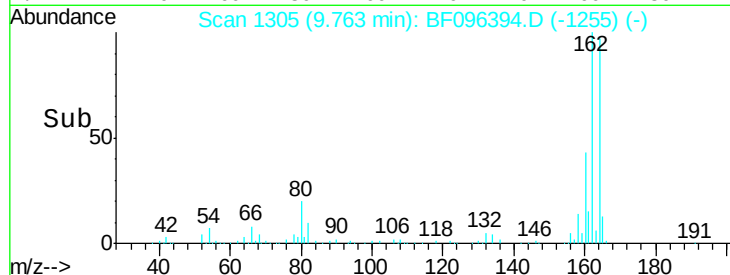
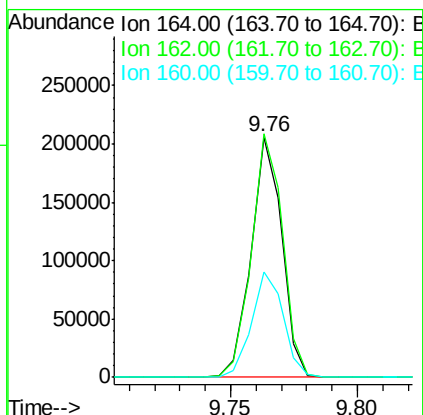
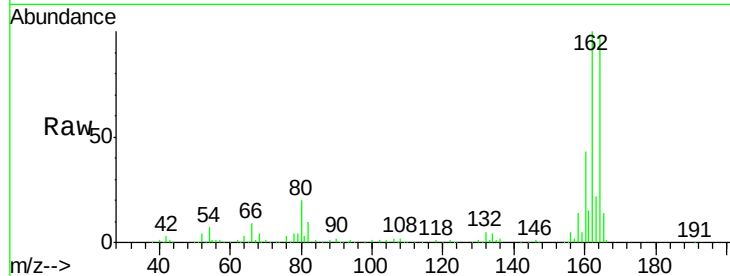
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096394.D
 Acq: 1 Jul 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 163-72-11929-COMP

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.0	36.2	54.2

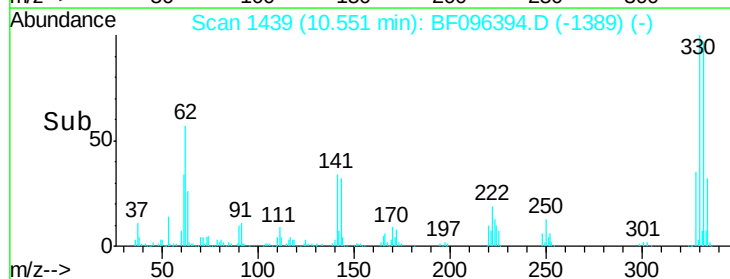
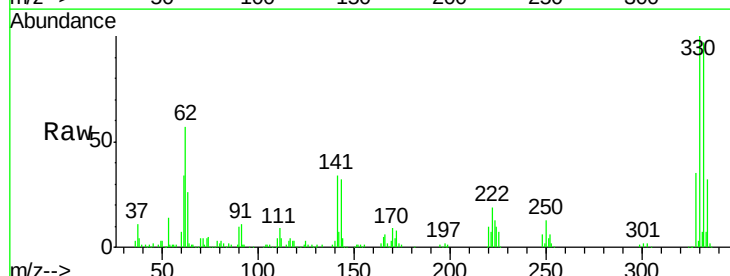
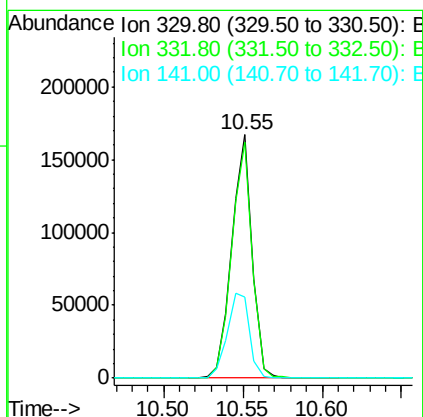
Manual Integrations
 APPROVED

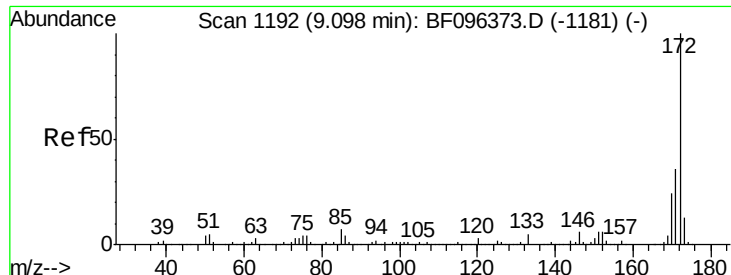
mohammad
 7/3/2017 4:03:01 PM



#41
 2,4,6-Tribromophenol
 Concen: 109.682 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096394.D
 Acq: 1 Jul 2017 22:24

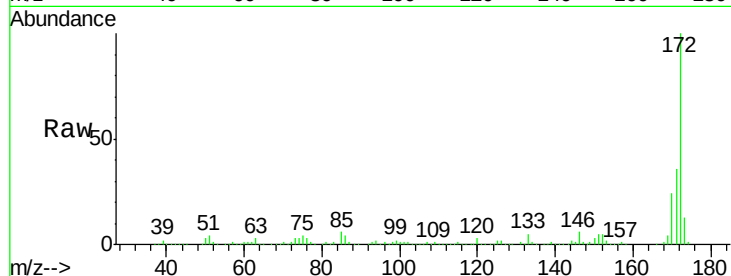
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	38.2	31.4	47.2





#44
2-Fluorobiphenyl
Concen: 85.432 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

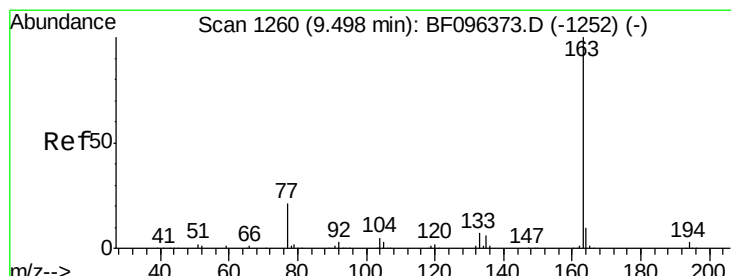
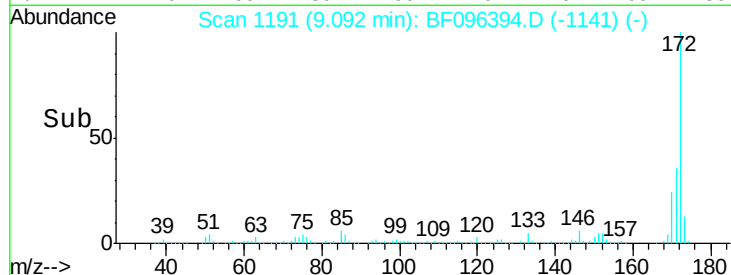
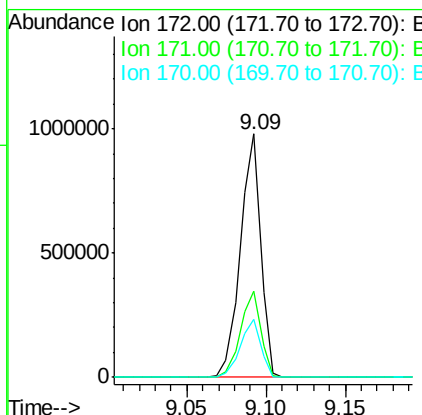
Instrument :
BNA_F
ClientSampleId :
163-72-11929-COMP



Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8

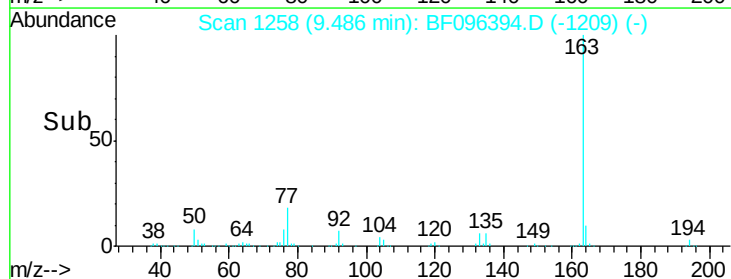
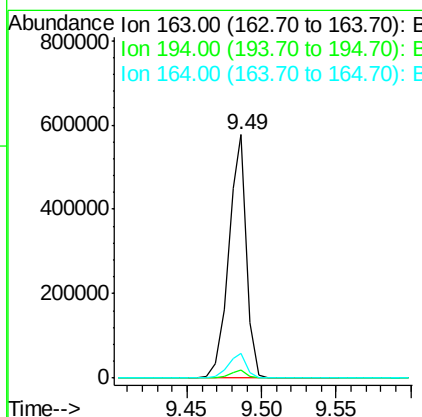
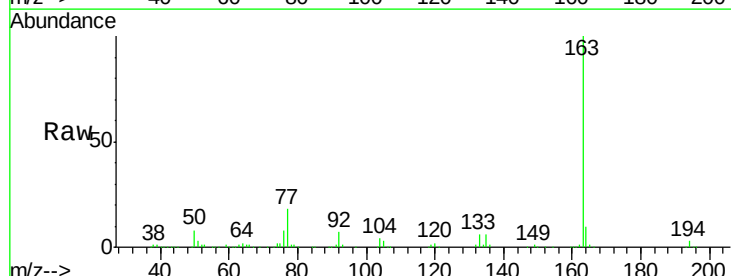
Manual Integrations
APPROVED

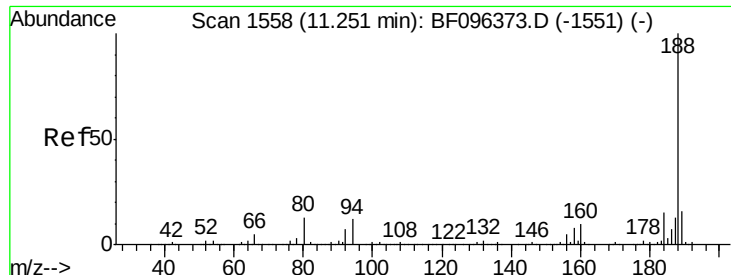
mohammad
7/3/2017 4:03:01 PM



#49
Dimethylphthalate
Concen: 37.227 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6





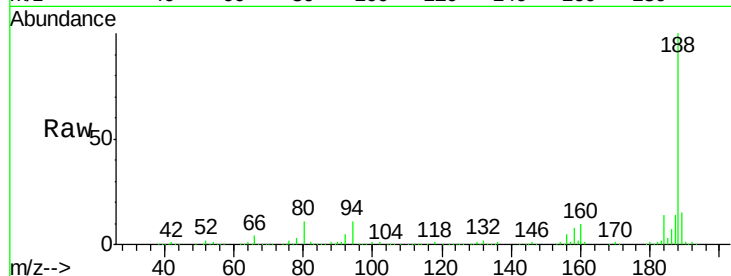
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Instrument :
BNA_F
ClientSampleId :
163-72-11929-COMP

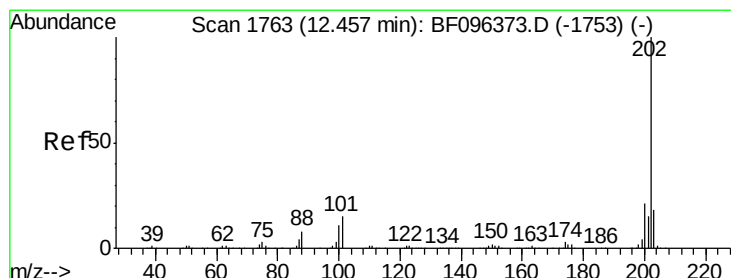
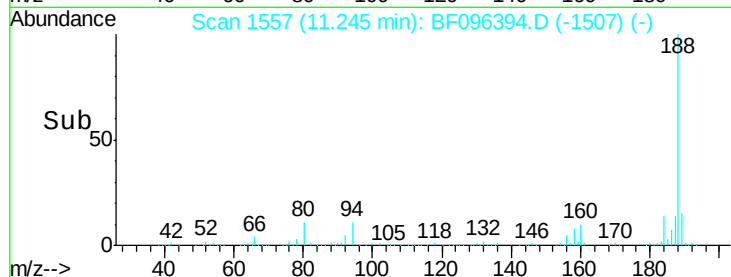
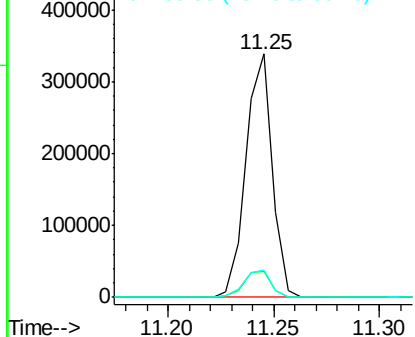
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	9.4	14.2
80	11.1	10.2	15.2

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:01 PM



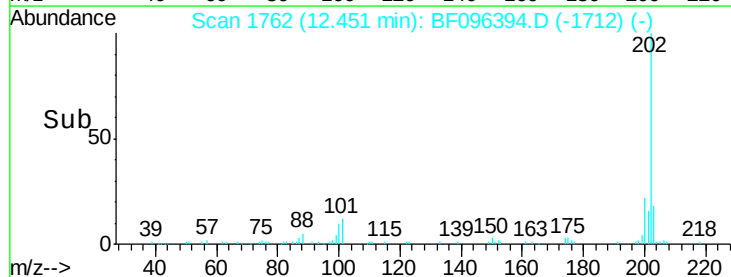
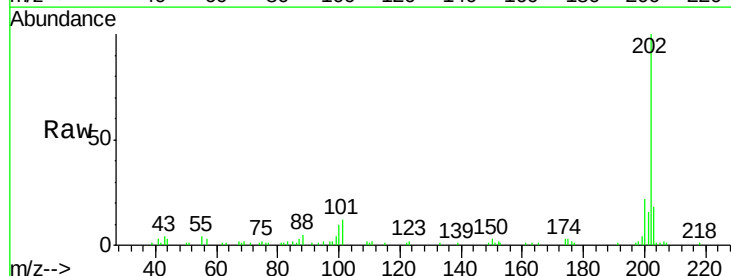
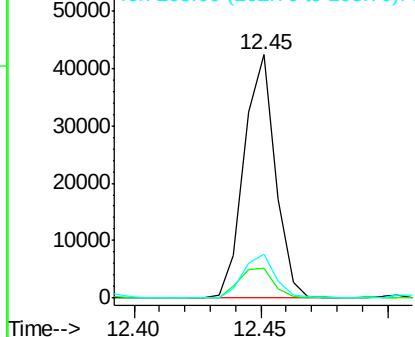
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

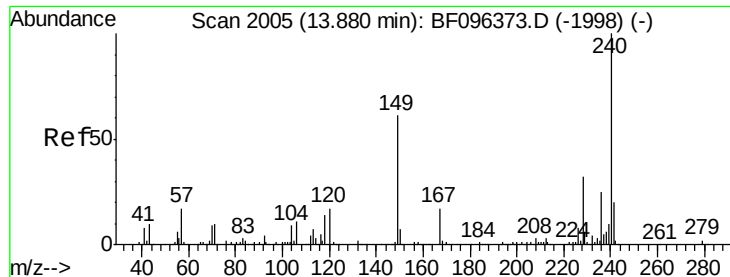


#74
Fluoranthene
Concen: 2.341 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.1	0.0	33.2
203	18.2	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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096394.D

Acq: 1 Jul 2017 22:24

Instrument :

BNA_F

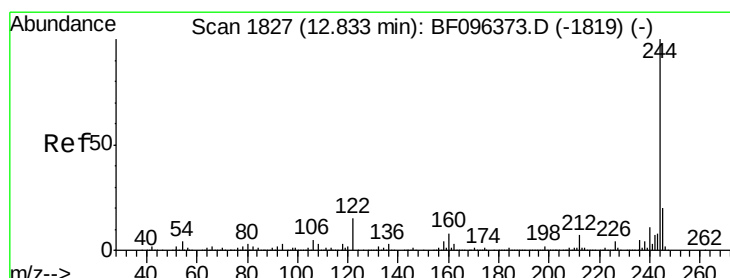
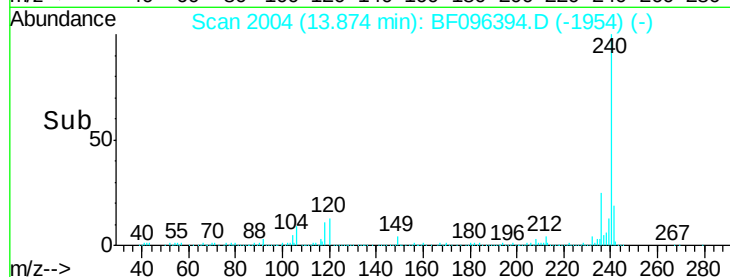
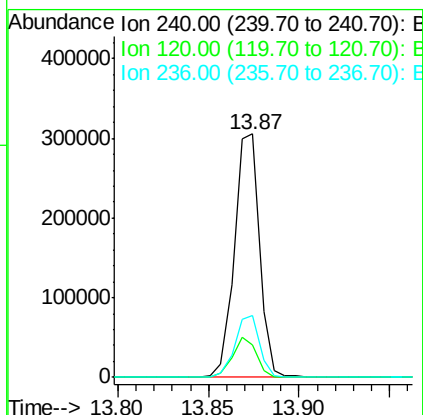
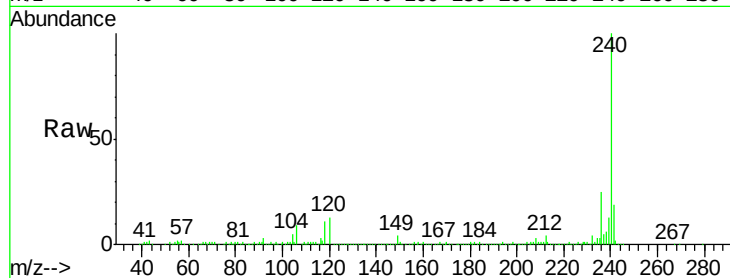
ClientSampleId :

163-72-11929-COMP

Tgt Ion:240 Resp: 295877
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 25.4 20.5 30.7

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:01 PM



#78

Terphenyl-d14

Concen: 51.375 ng

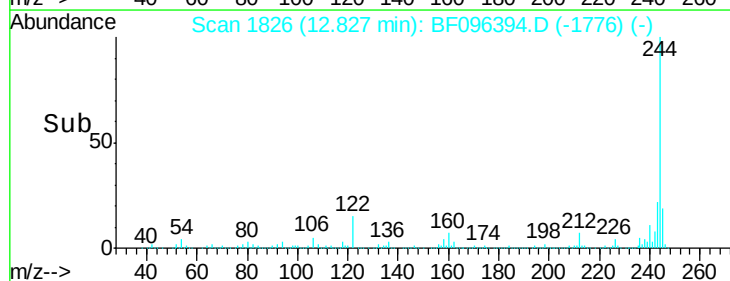
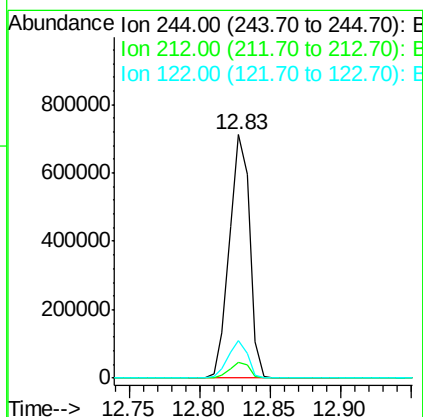
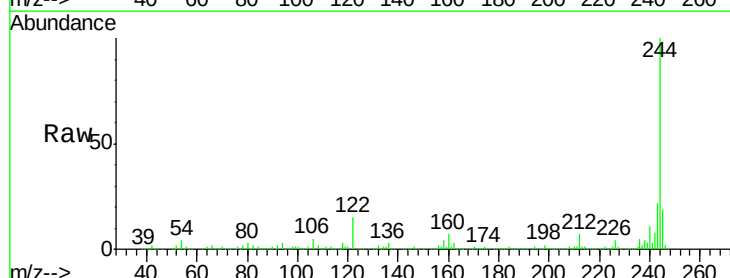
RT: 12.83 min Scan# 1826

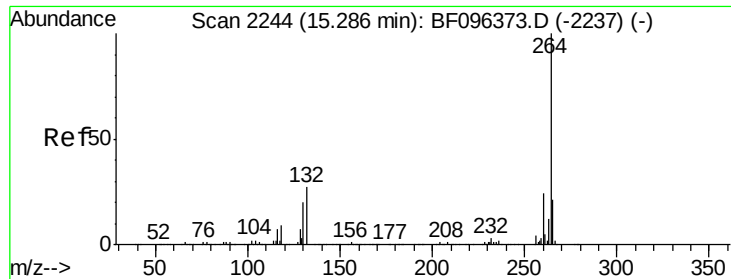
Delta R.T. -0.01 min

Lab File: BF096394.D

Acq: 1 Jul 2017 22:24

Tgt Ion:244 Resp: 711360
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 15.5 10.3 15.5





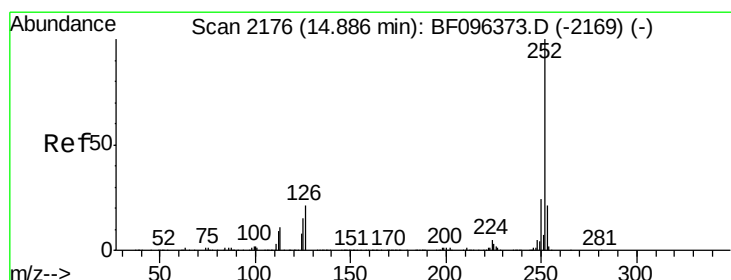
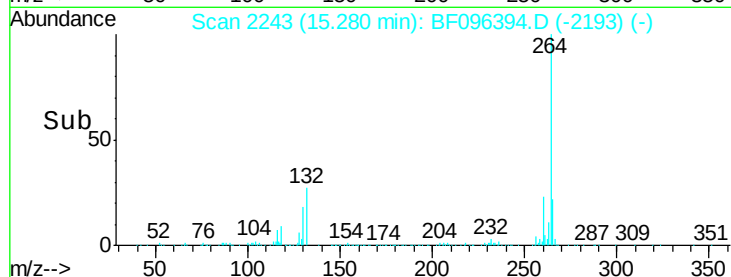
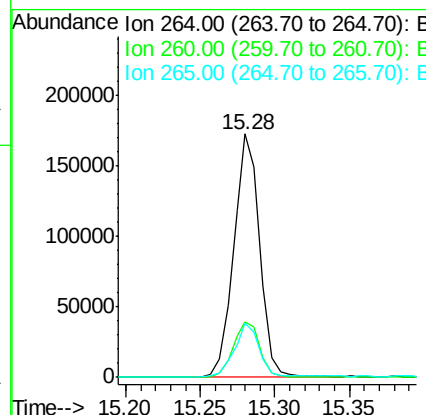
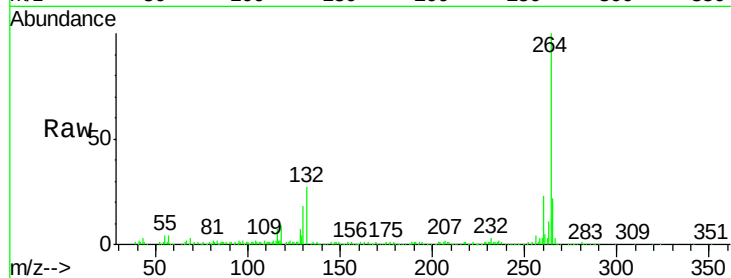
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Instrument :
BNA_F
ClientSampleId :
163-72-11929-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	210753		
260	22.7	19.5	29.3	
265	22.2	17.2	25.8	

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:01 PM



#87
Benzo(b)fluoranthene
Concen: 2.039 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096394.D
Acq: 1 Jul 2017 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	26923		
253	28.0	18.1	27.1#	
125	20.0	9.8	14.8#	

