

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096825.D
 Acq On : 17 Jul 2017 17:55
 Operator : SJ/JU
 Sample : I4203-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02C

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:38:29 AM

Quant Time: Jul 18 02:26:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	111762	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	446141	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	141713	20.00	ng	-0.03
63) Phenanthrene-d10	11.11	188	187247	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	218720	20.00	ng	-0.04
86) Perylene-d12	15.11	264	189018	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	647324	87.09	ng	-0.01
7) Phenol-d6	6.26	99	834739	93.58	ng	-0.02
23) Nitrobenzene-d5	7.17	82	489460	67.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	104183	86.13	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	696935	77.70	ng	-0.03
78) Terphenyl-d14	12.69	244	422987	33.54	ng	-0.04
Target Compounds						
10) Phenol	6.27	94	35466	3.517	ng	94
49) Dimethylphthalate	9.36	163	85947	8.055	ng	98
74) Fluoranthene	12.32	202	30693	3.150	ng	99
85) Indeno(1,2,3-cd)pyrene	16.39	276	8665	4.000	ng	# 92

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

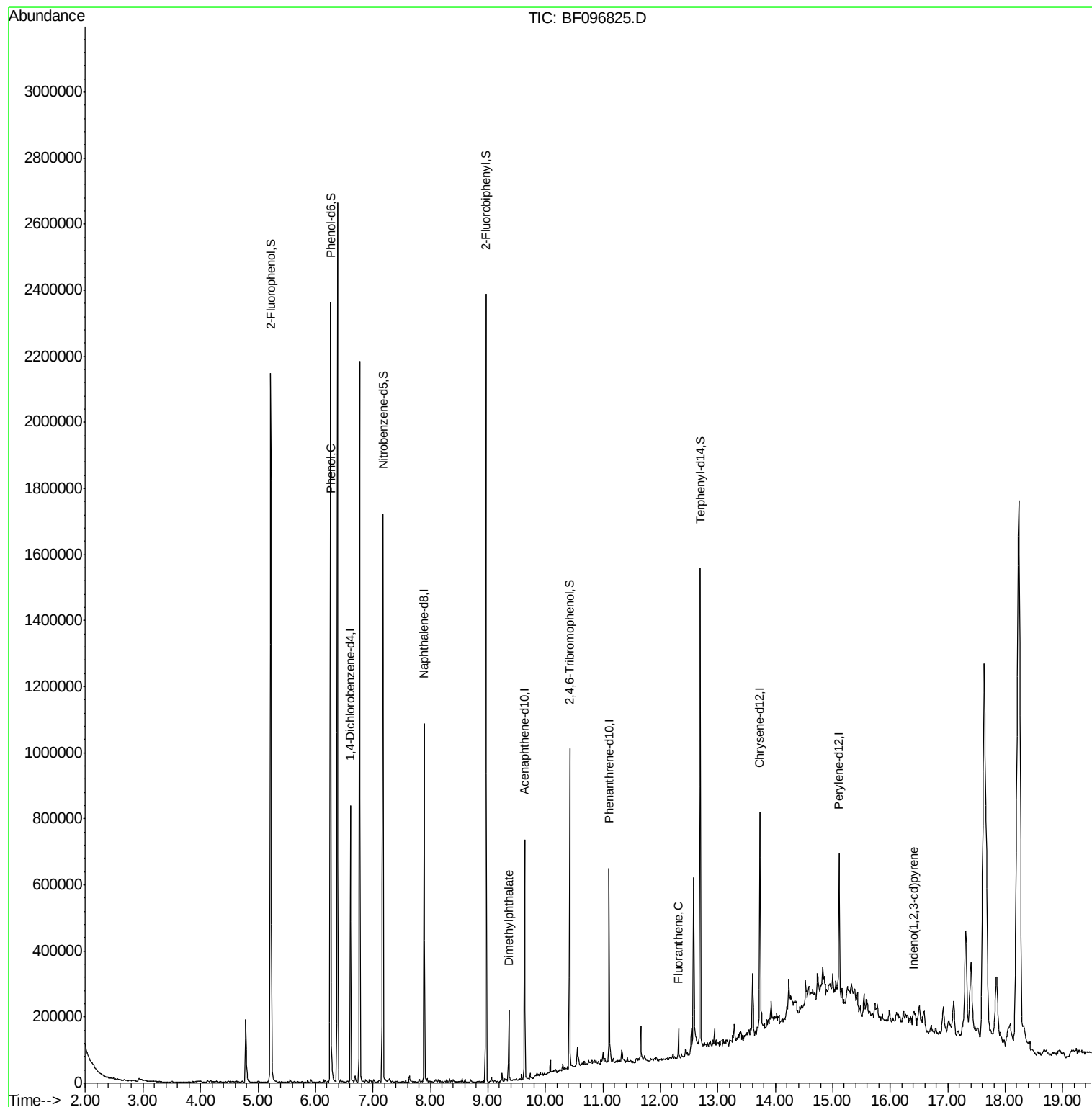
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096825.D
Acq On : 17 Jul 2017 17:55
Operator : SJ/JU
Sample : I4203-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

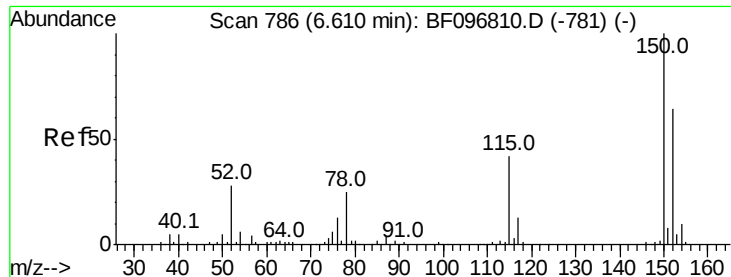
Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:29 AM

Quant Time: Jul 18 02:26:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration





#1

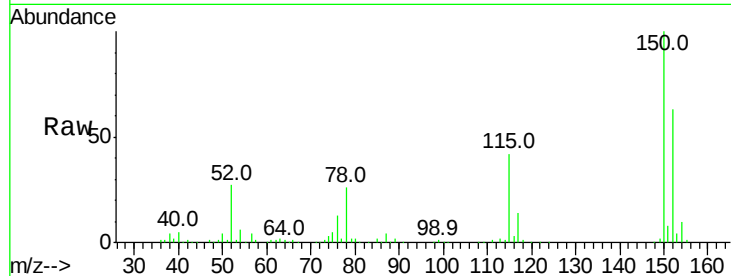
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	65.7	52.2	78.2

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:29 AM

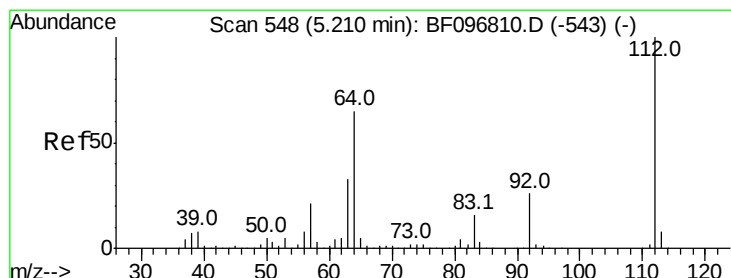
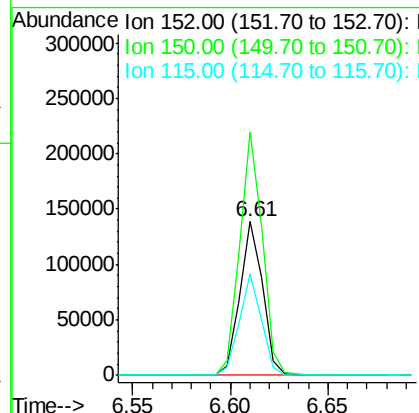
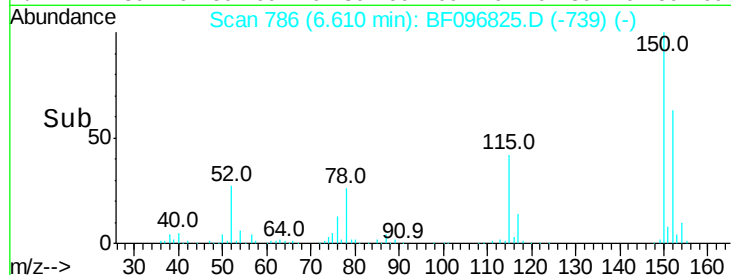


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

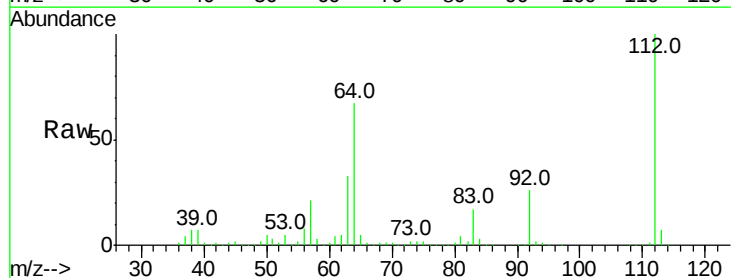
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.087 ng
RT: 5.22 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	33.5	23.4	35.0

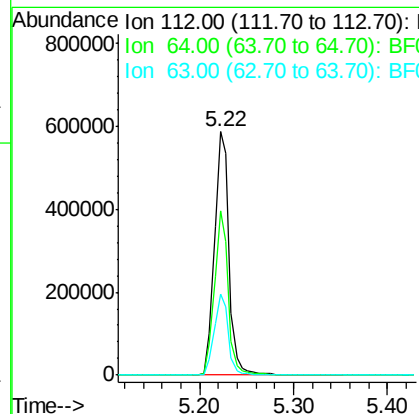
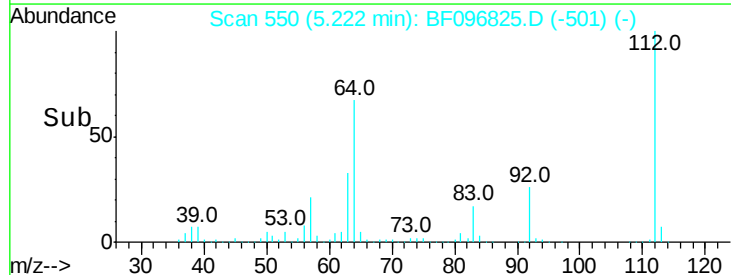


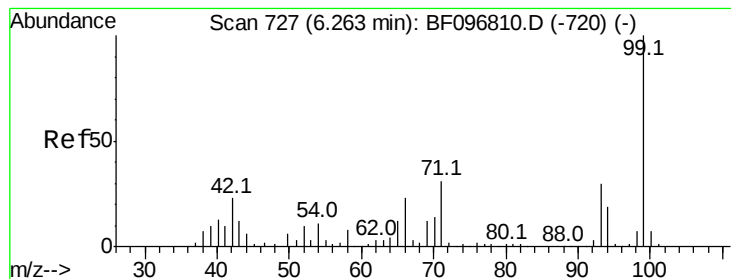
Abundance

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: 93.582 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

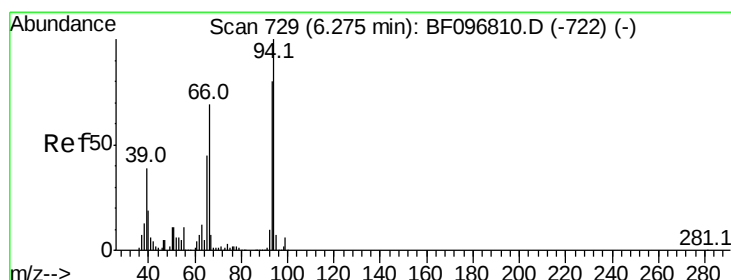
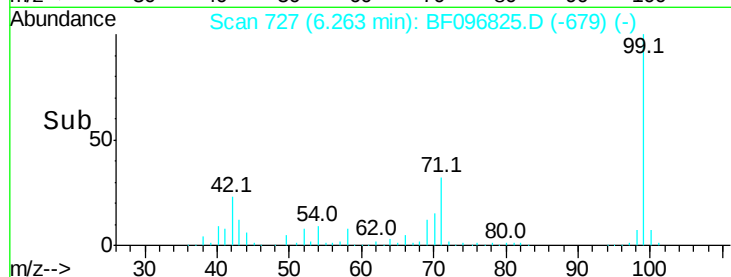
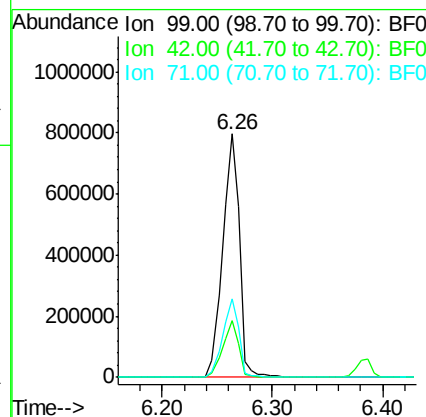
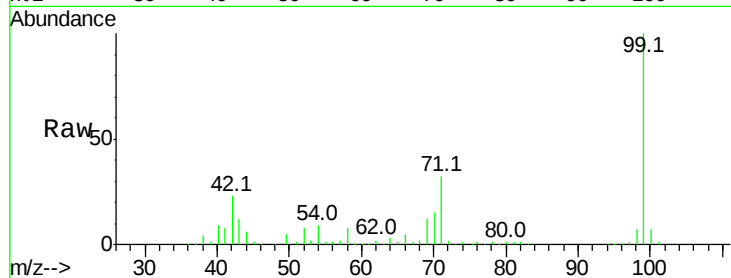
ClientSampled :

DL-SB02C

Tot Ion:	99	Resp:	834739
Ion Ratio	Lower	Upper	
99	100		
42	23.1	13.5	20.3#
71	32.2	24.5	36.7

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:29 AM



#10

Phenol

Concen: 3.517 ng

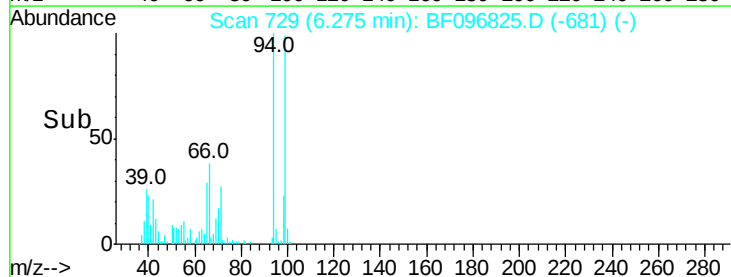
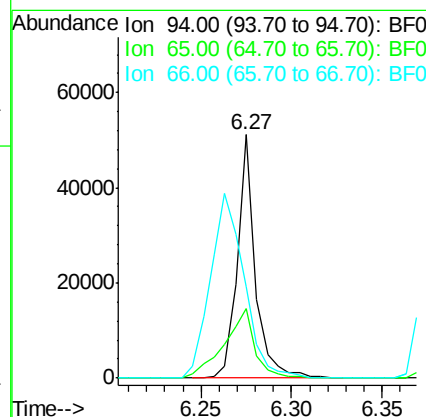
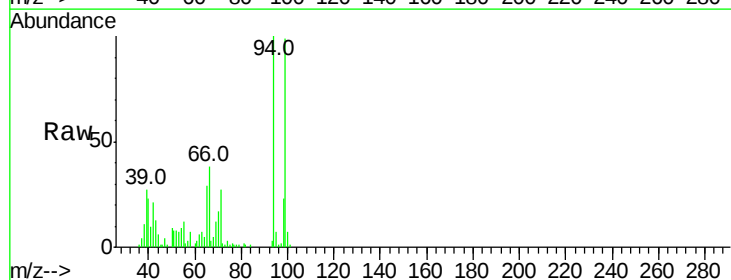
RT: 6.27 min Scan# 729

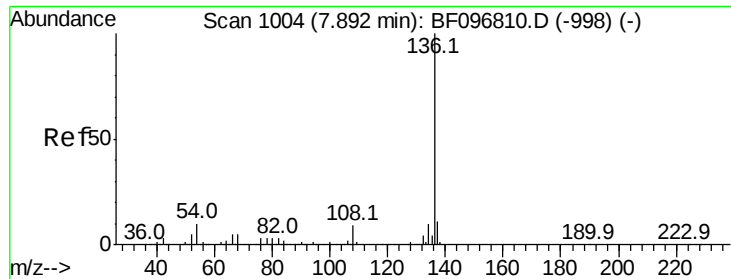
Delta R.T. -0.02 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Tgt Ion:	94	Resp:	35466
Ion Ratio	Lower	Upper	
94	100		
65	28.5	9.9	49.9
66	37.6	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

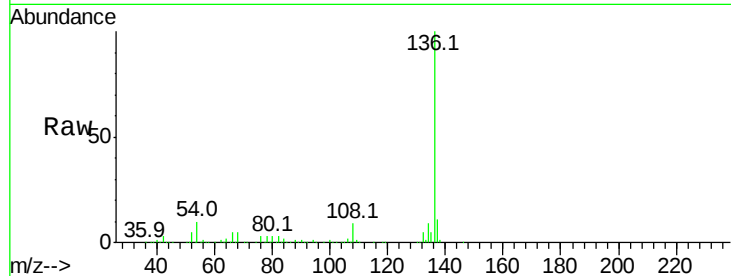
ClientSampleId :

DL-SB02C

Tot Ion	Ratio	Resp	Lower	Upper
136	100	446141		
137	11.1	8.5	12.7	
54	9.6	4.9	7.3	
68	5.1	4.1	6.1	

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:29 AM

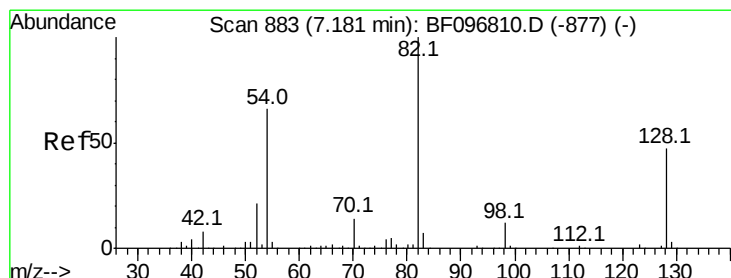
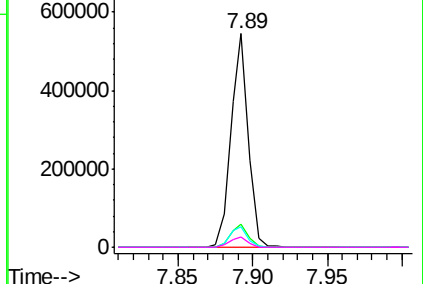
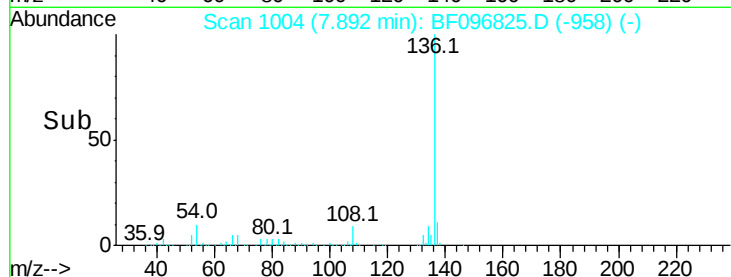


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 67.955 ng

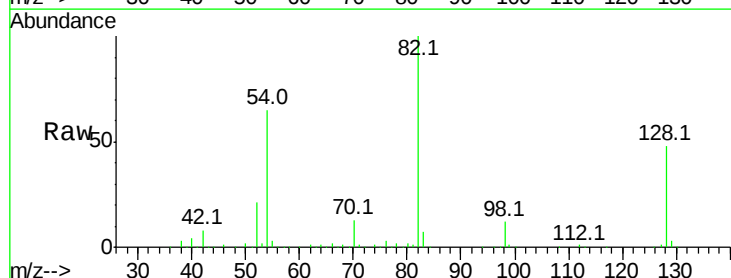
RT: 7.17 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

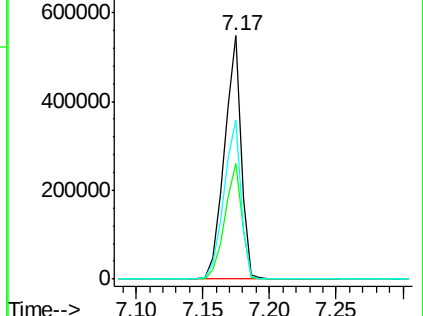
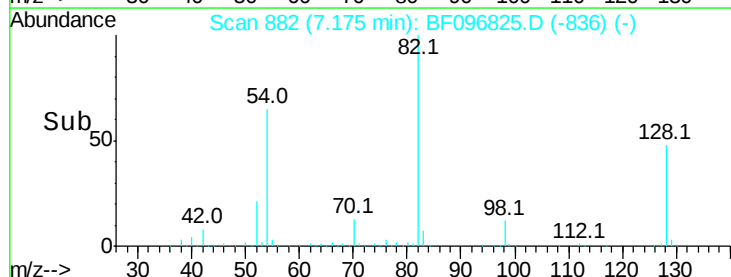
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	489460		
128	47.6	34.0	51.0	
54	65.2	42.2	63.2	

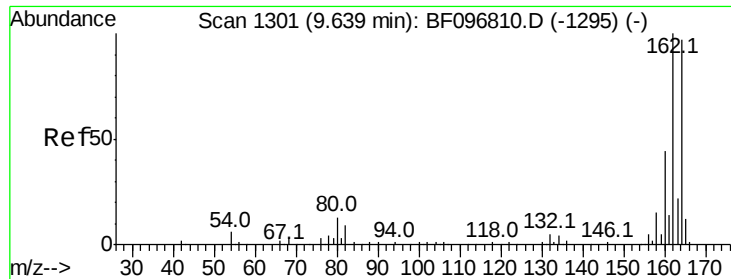


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





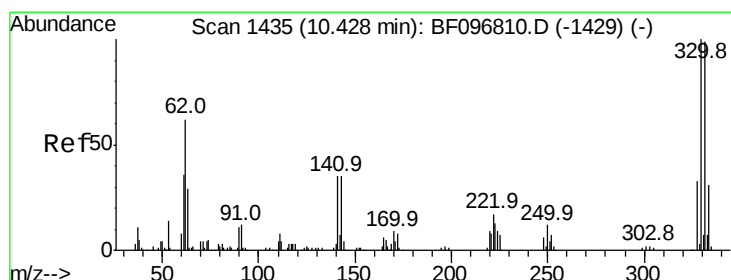
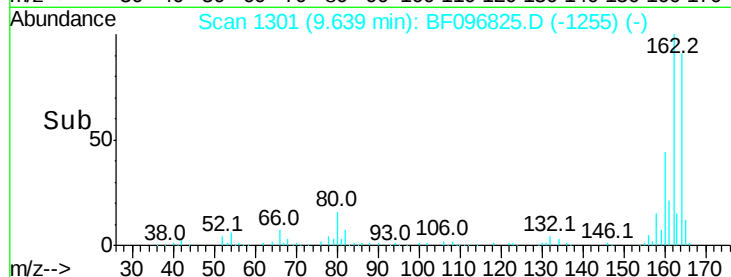
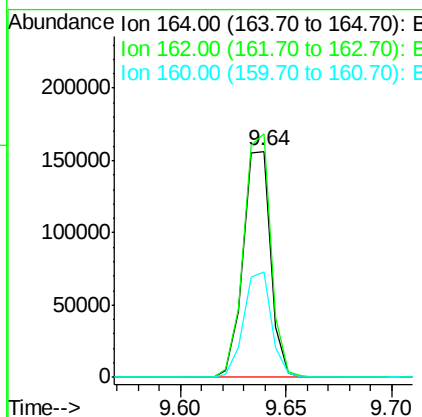
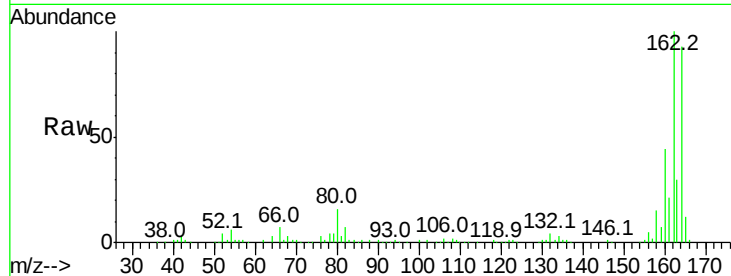
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.6	123.8
160	46.8	36.2	54.2

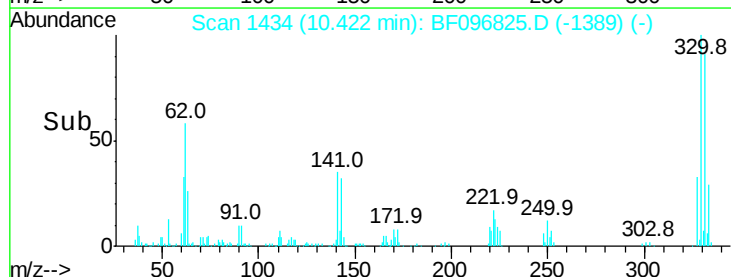
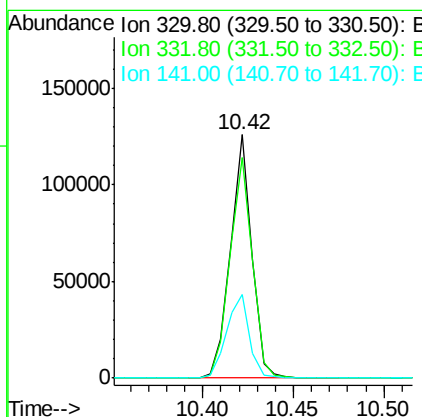
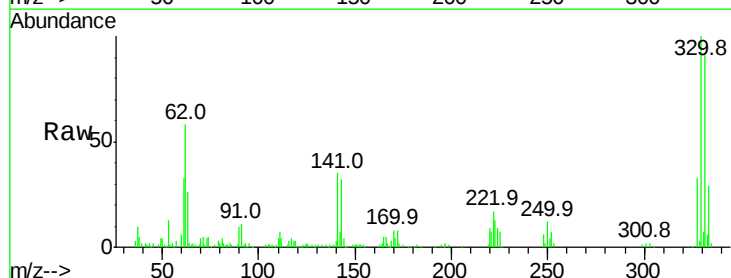
Manual Integrations
APPROVED

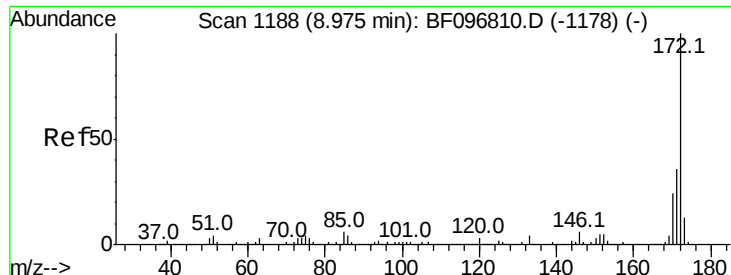
mohammad
7/20/2017 8:38:29 AM



#41
2,4,6-Tribromophenol
Concen: 86.127 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.04 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	37.0	31.4	47.2





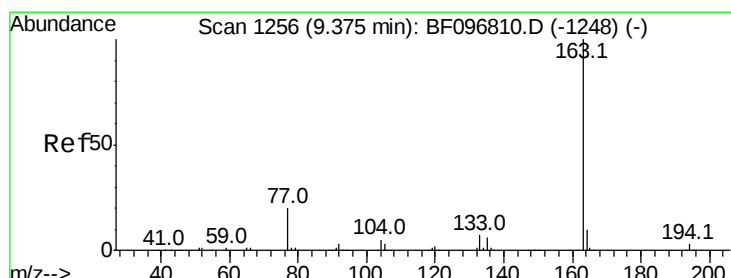
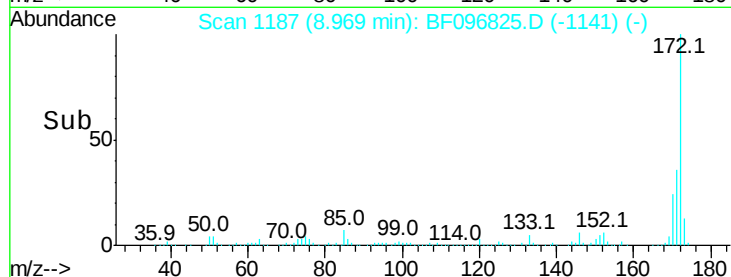
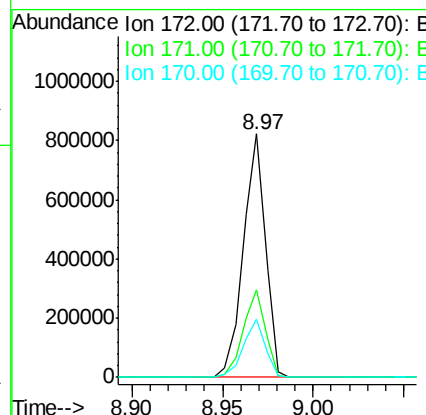
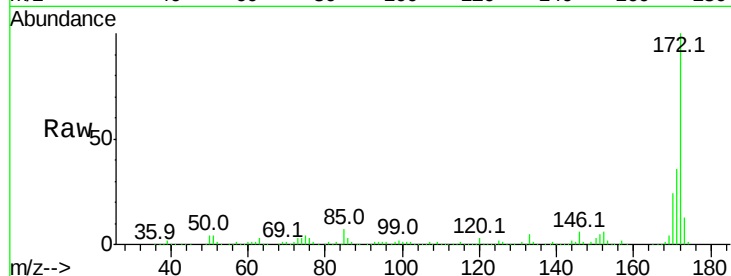
#44
2-Fluorobiphenyl
Concen: 77.699 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8

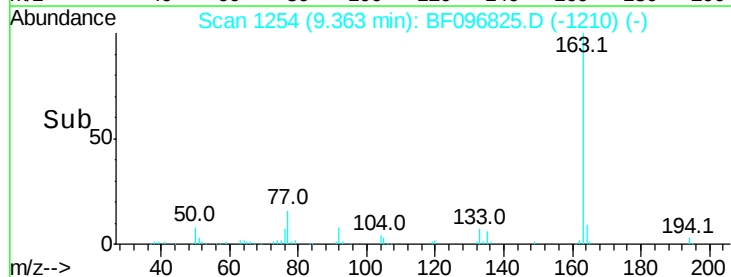
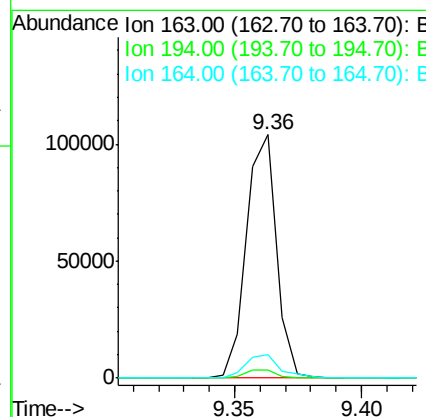
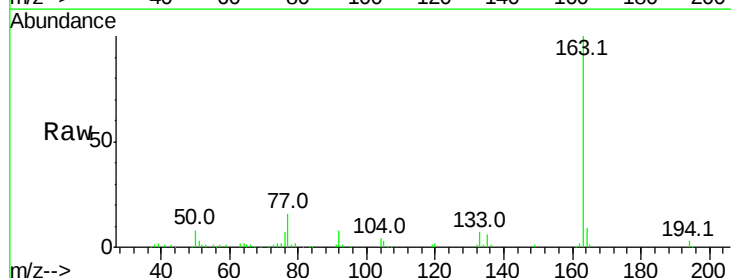
Manual Integrations
APPROVED

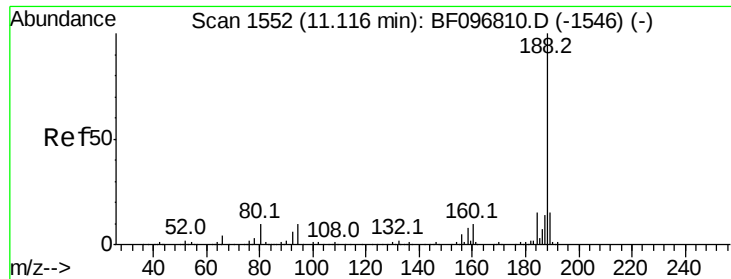
mohammad
7/20/2017 8:38:29 AM



#49
Dimethylphthalate
Concen: 8.055 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.4	8.4	12.6





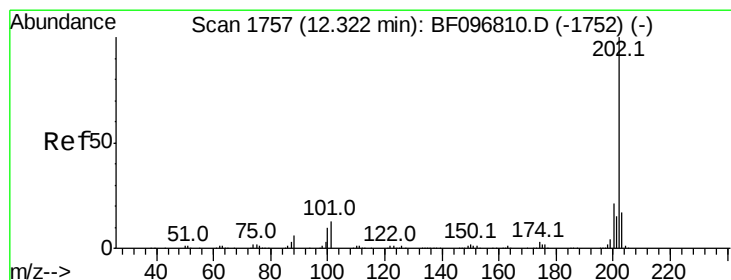
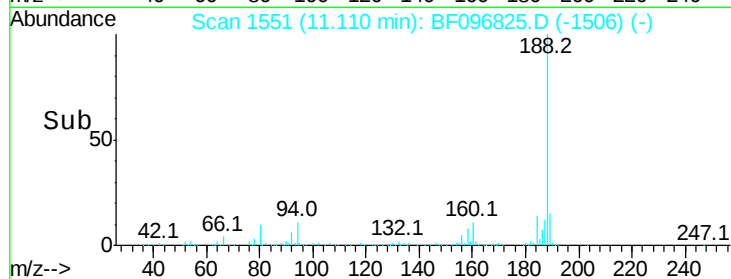
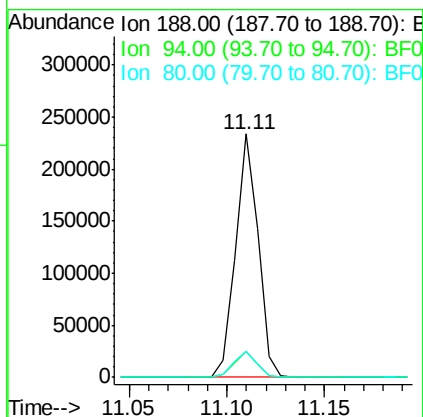
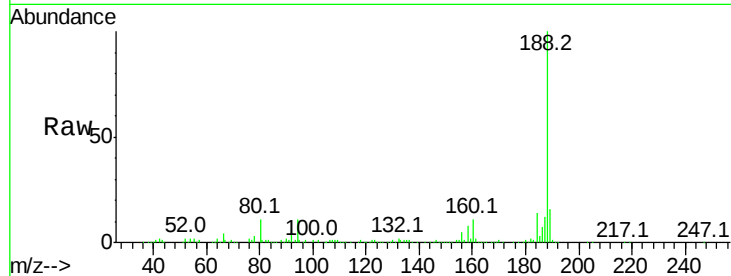
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	187247		
94	10.9		9.4	14.2
80	10.5		10.2	15.2

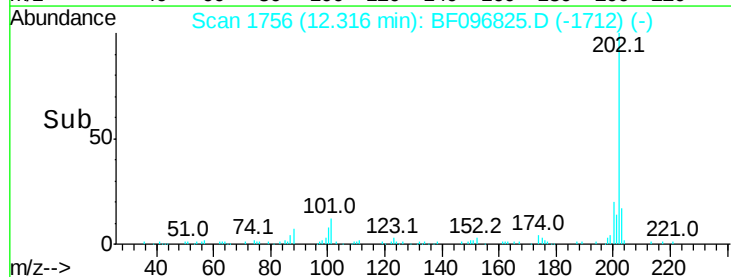
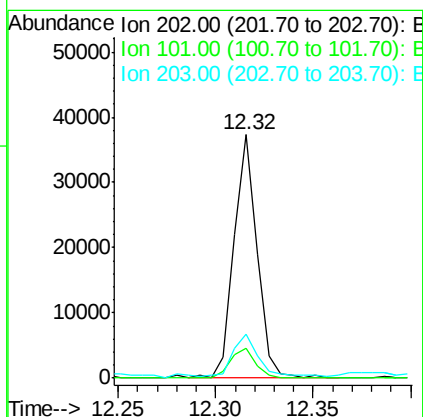
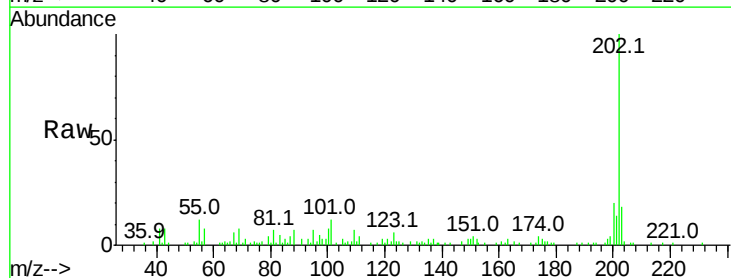
Manual Integrations
APPROVED

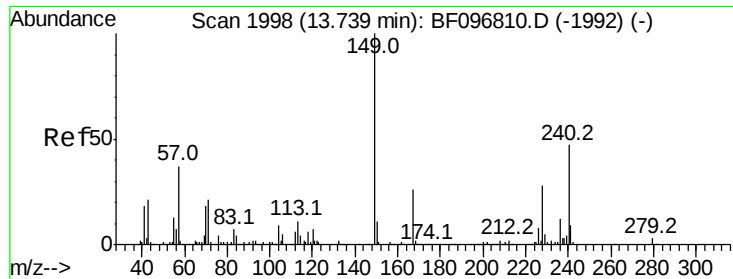
mohammad
7/20/2017 8:38:29 AM



#74
Fluoranthene
Concen: 3.150 ng
RT: 12.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	30693		
101	12.3		0.0	33.2
203	18.3		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

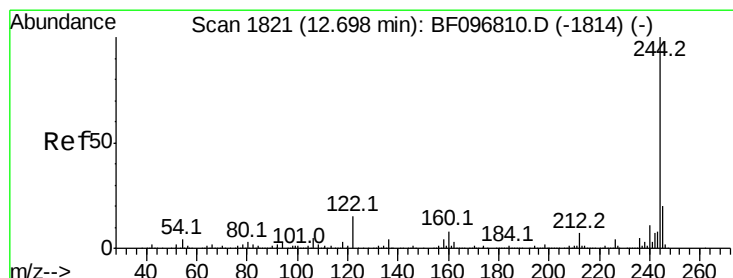
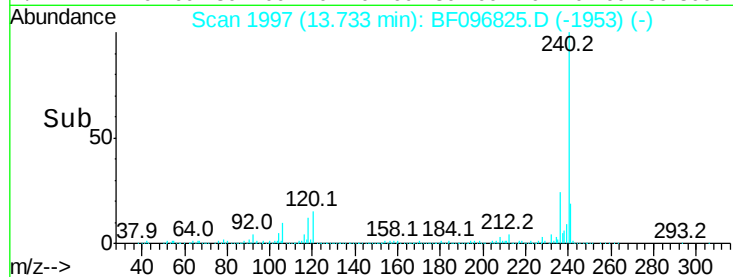
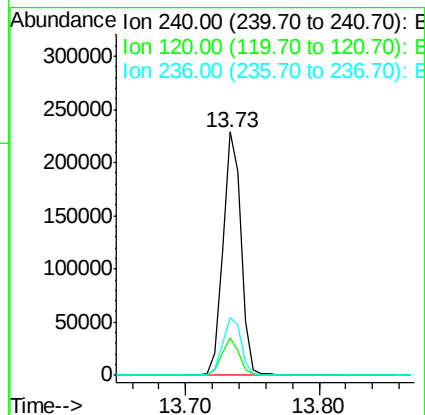
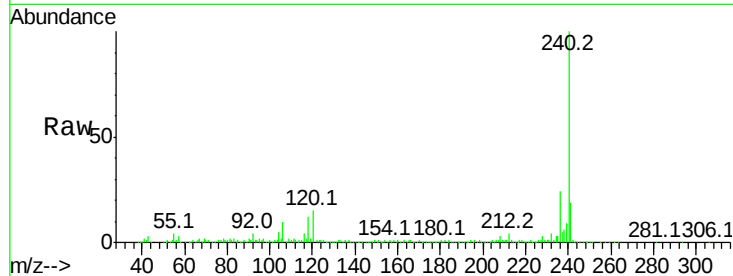
ClientSampleId :

DL-SB02C

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	23.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:29 AM



#78

Terphenyl-d14

Concen: 33.539 ng

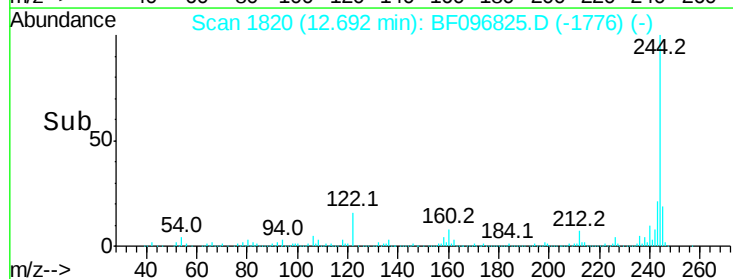
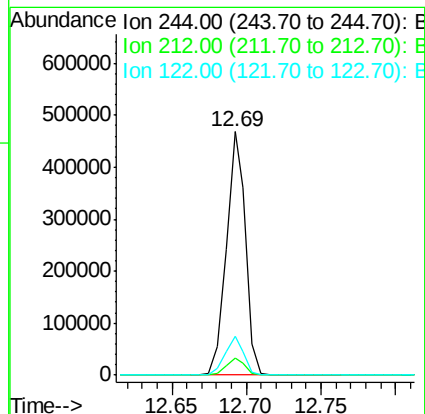
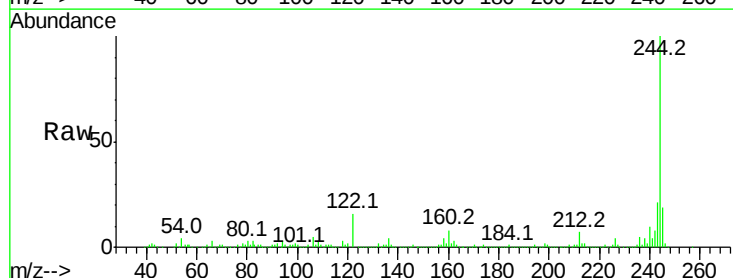
RT: 12.69 min Scan# 1820

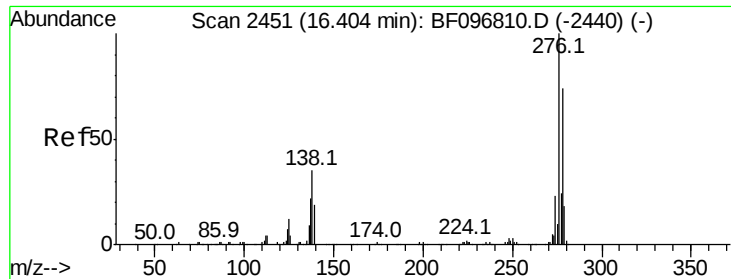
Delta R.T. -0.04 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.7	10.3	15.5#





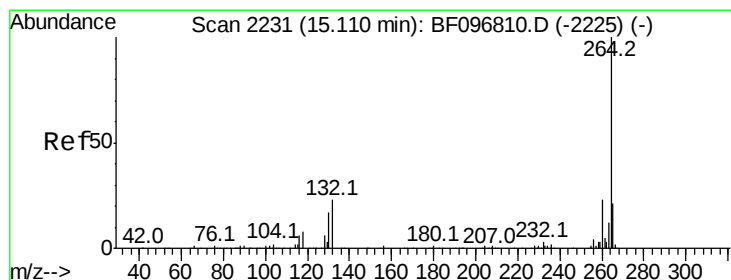
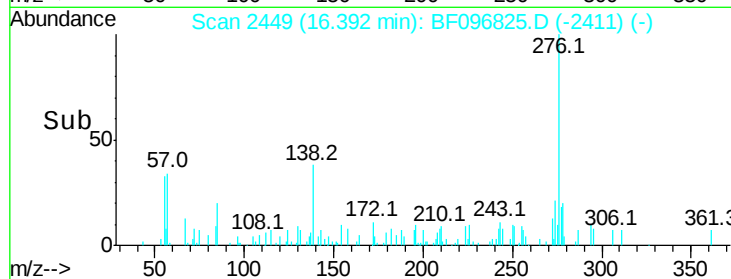
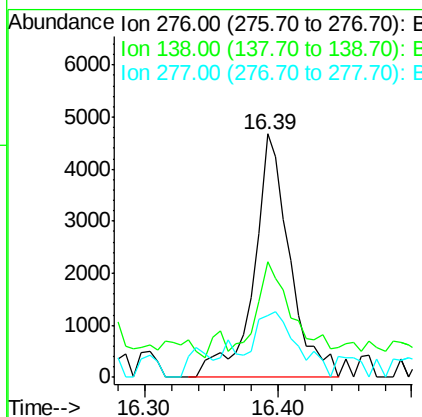
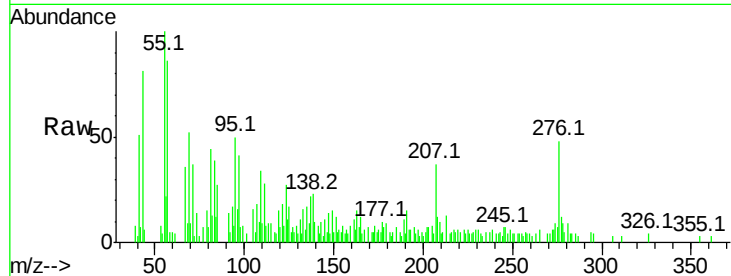
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.000 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.08 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	27.8	41.6
277	31.1	20.2	30.4

Manual Integrations
APPROVED

mohammad
7/20/2017 8:38:29 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2231
Delta R.T. -0.05 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.4	17.2	25.8

