

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096793.D
 Acq On : 15 Jul 2017 1:19
 Operator : SJ/JU
 Sample : I4187-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB3-0-2

Manual Integrations
 APPROVED

mohammad
 7/17/2017 3:57:28 PM

Quant Time: Jul 17 04:54:20 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	6.62	152	96177	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	453086	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	177678	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	243120	20.00	ng	-0.02
75) Chrysene-d12	13.76	240	206723	20.00	ng	-0.02
86) Perylene-d12	15.14	264	209800	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	711077	111.17	ng	0.00
7) Phenol-d6	6.27	99	728598	94.92	ng	0.00
23) Nitrobenzene-d5	7.19	82	436354	59.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	120387	79.38	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	808519	71.89	ng	-0.01
78) Terphenyl-d14	12.72	244	421709	35.38	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.37	163	71984	5.381	ng	99
74) Fluoranthene	12.34	202	25572	2.021	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	26361m	2.428	ng	
85) Indeno(1,2,3-cd)pyrene	16.43	276	11192	4.246	ng	# 88

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

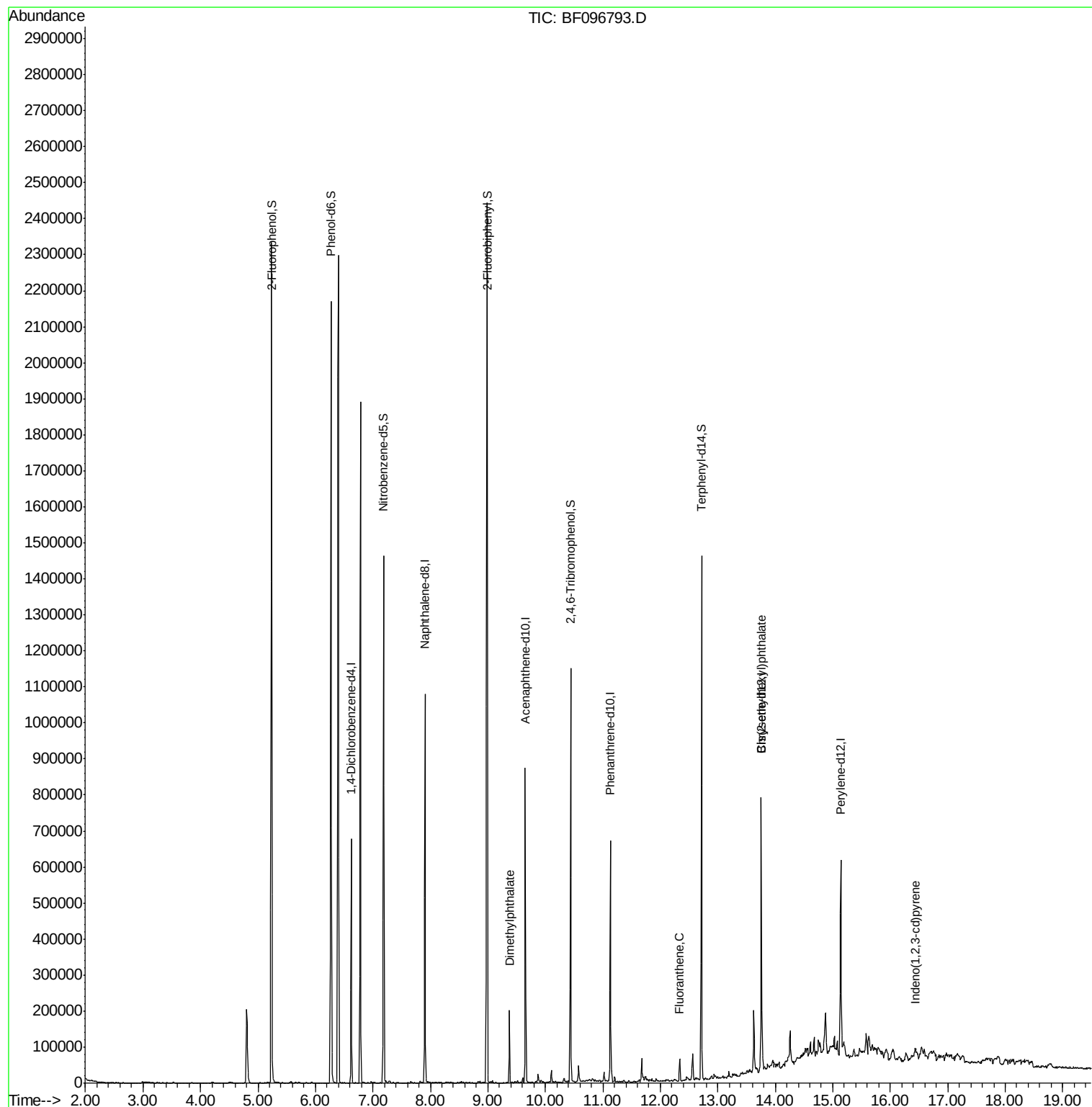
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096793.D
Acq On : 15 Jul 2017 1:19
Operator : SJ/JU
Sample : I4187-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

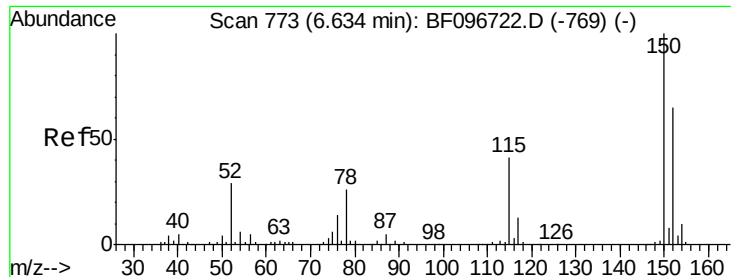
Instrument :
BNA_F
ClientSampleId :
CI-SB3-0-2

Manual Integrations
APPROVED

mohammad
7/17/2017 3:57:28 PM

Quant Time: Jul 17 04:54:20 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

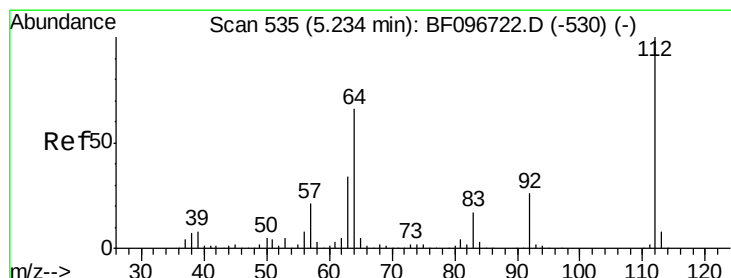
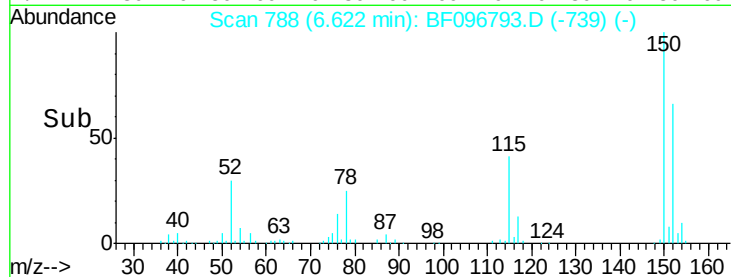
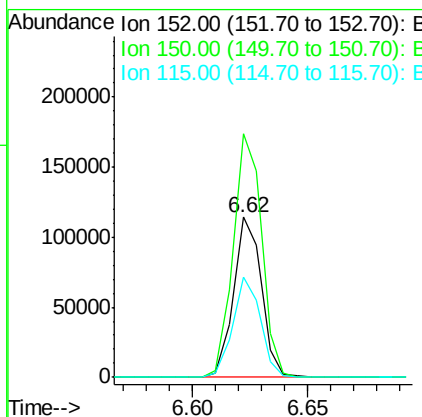
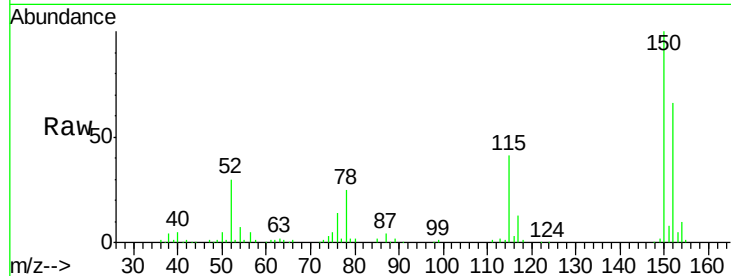
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096793.D
Acq: 15 Jul 2017 1:19

Instrument :
BNA_F
ClientSampleId :
CI-SB3-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	62.6	52.2	78.2

Manual Integrations
APPROVED

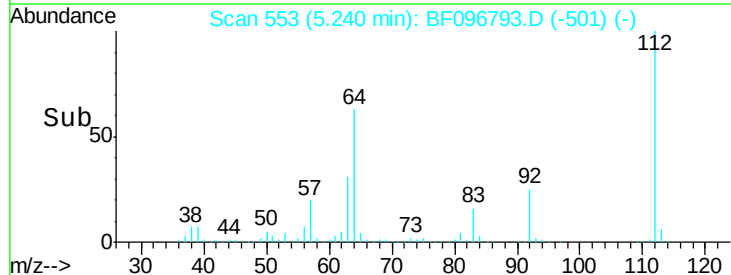
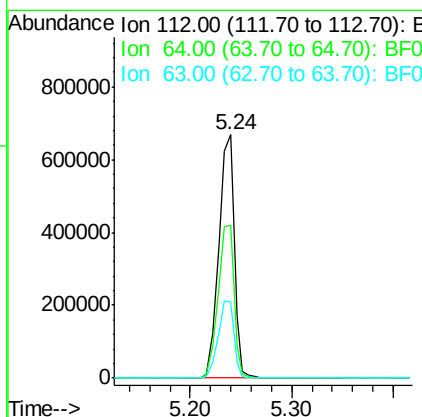
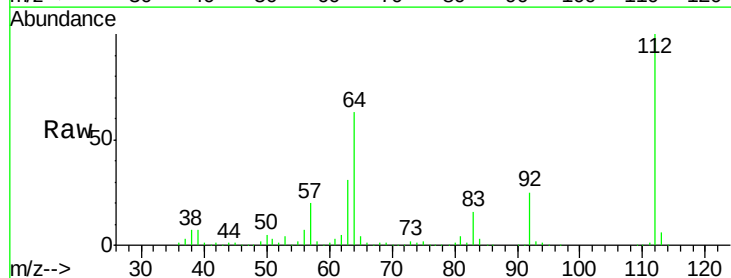
mohammad
7/17/2017 3:57:28 PM

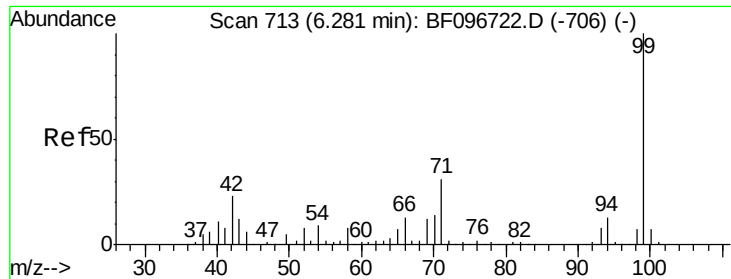


#5

2-Fluorophenol
Concen: 111.166 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096793.D
Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 94.919 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096793.D

Acq: 15 Jul 2017 1:19

Instrument :

BNA_F

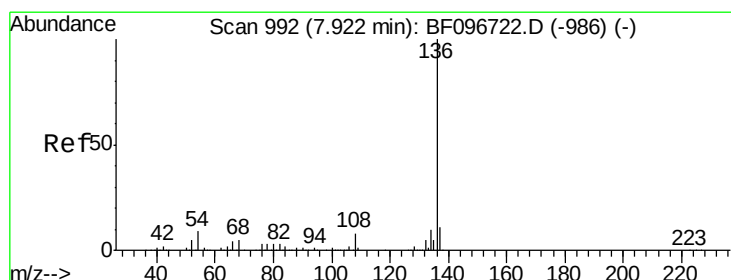
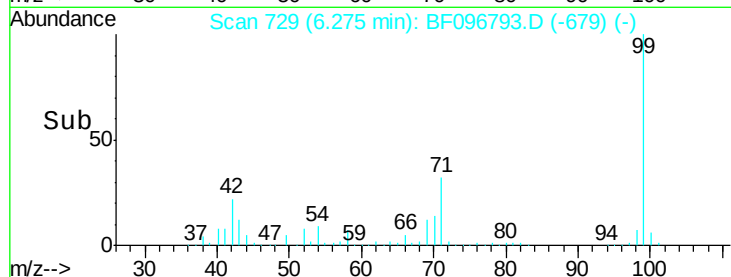
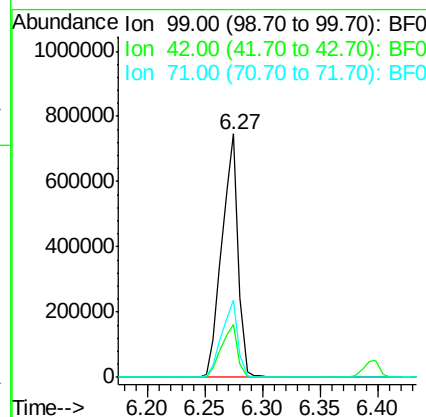
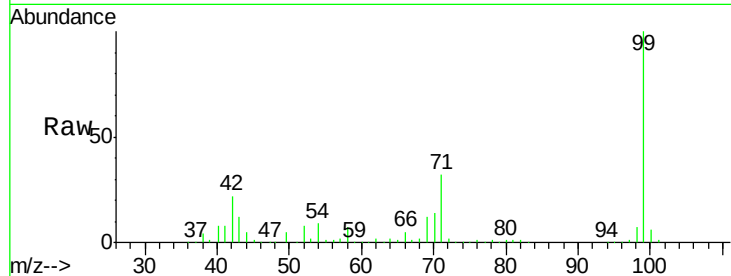
ClientSampled :

CI-SB3-0-2

Tgt Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	31.8	24.5	36.7

Manual Integrations
APPROVED

mohammad
7/17/2017 3:57:28 PM



#21

Naphthalene-d8

Concen: 20.000 ng

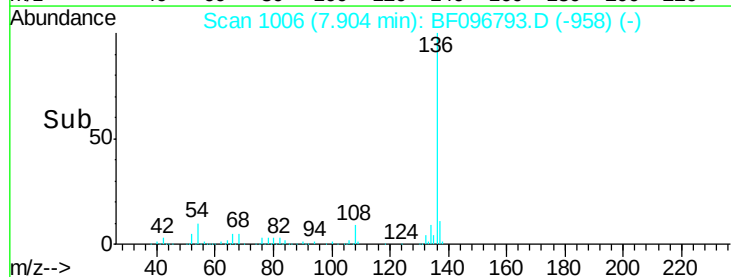
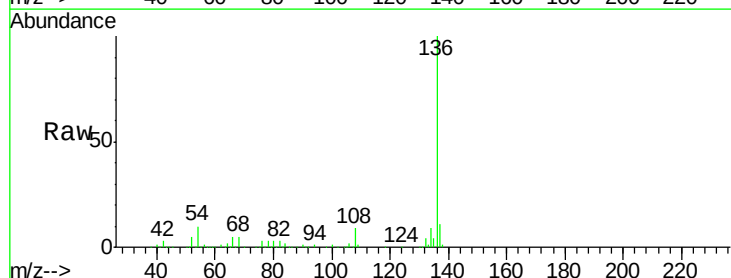
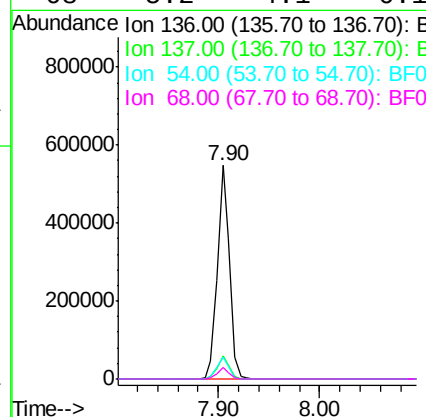
RT: 7.90 min Scan# 1006

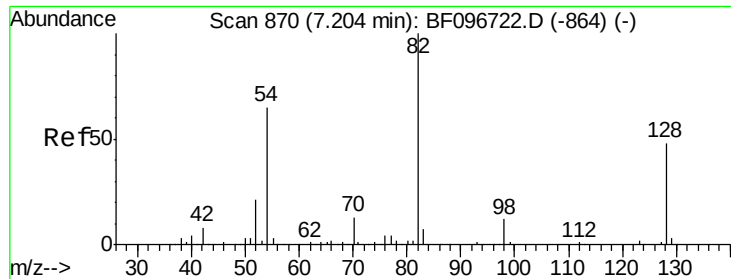
Delta R.T. -0.02 min

Lab File: BF096793.D

Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.2	4.9	7.3#
68	5.2	4.1	6.1





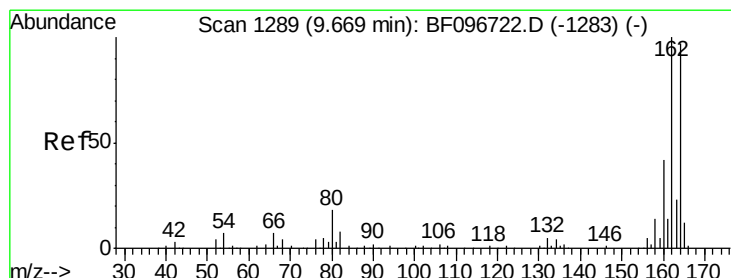
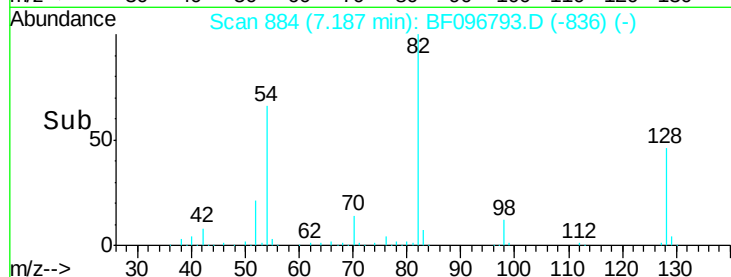
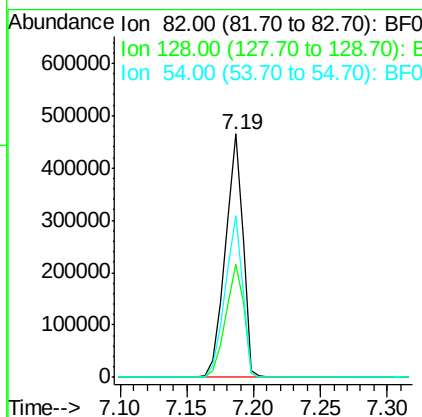
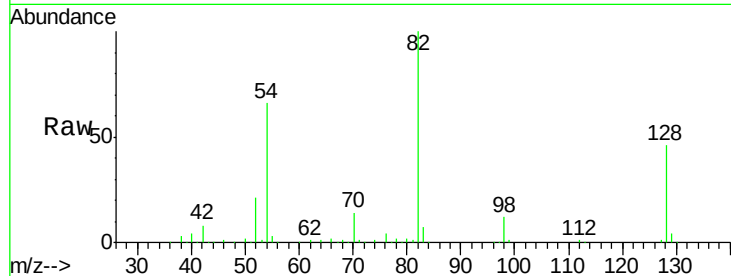
#23
 Nitrobenzene-d5
 Concen: 59.653 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096793.D
 Acq: 15 Jul 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB3-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.2	34.0	51.0
54	66.3	42.2	63.2

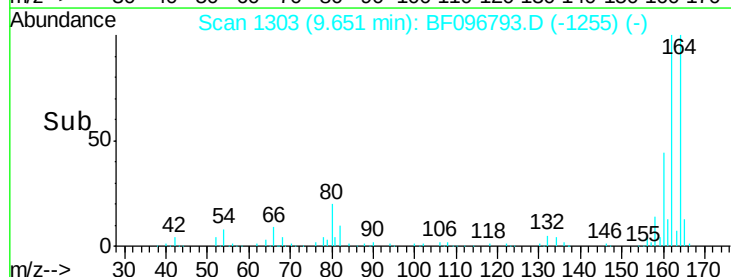
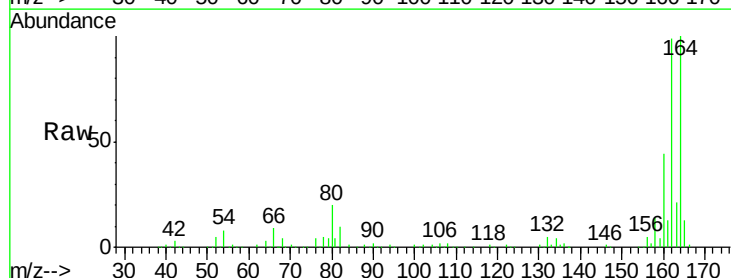
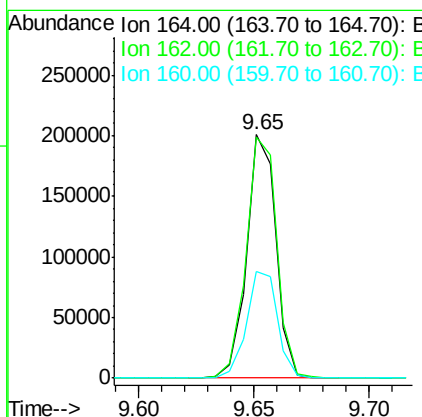
Manual Integrations
 APPROVED

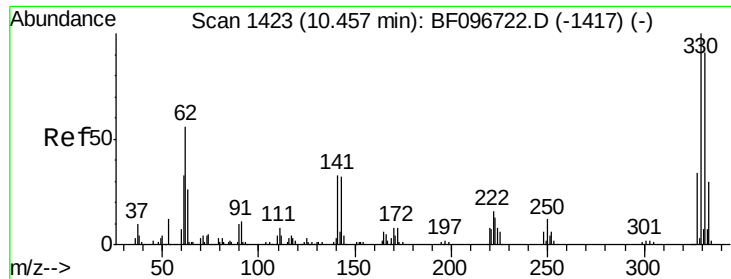
mohammad
 7/17/2017 3:57:28 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096793.D
 Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	99.0	82.6	123.8
160	44.0	36.2	54.2





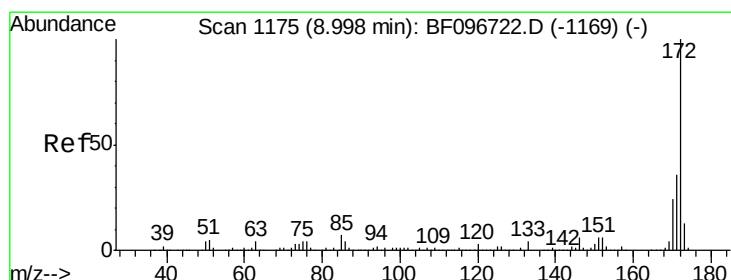
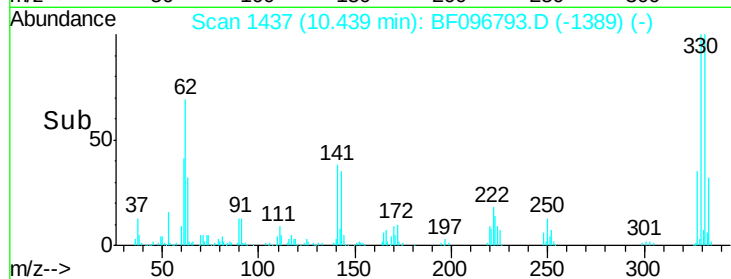
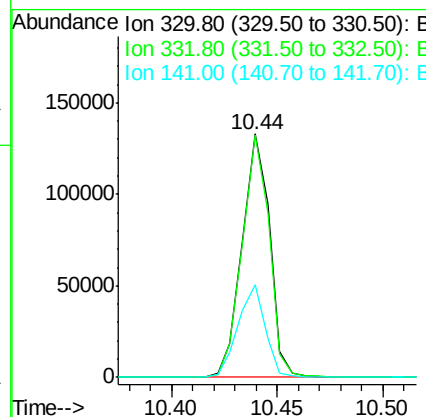
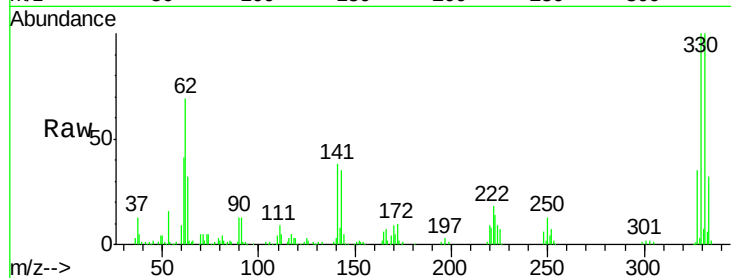
#41
 2,4,6-Tribromophenol
 Concen: 79.378 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096793.D
 Acq: 15 Jul 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB3-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	120387		
332	97.4	76.6	115.0	
141	37.4	31.4	47.2	

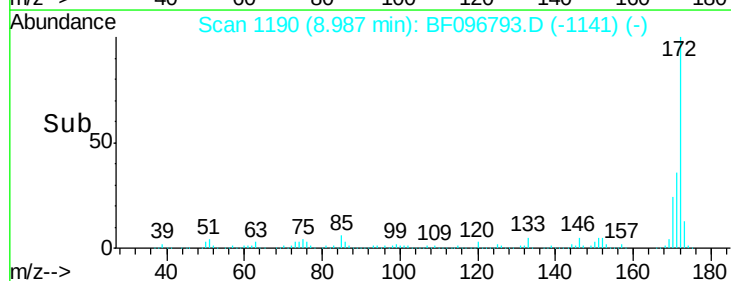
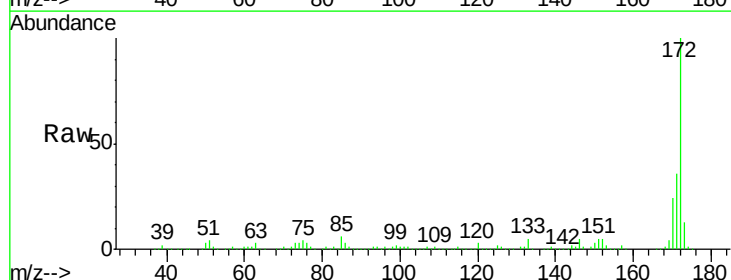
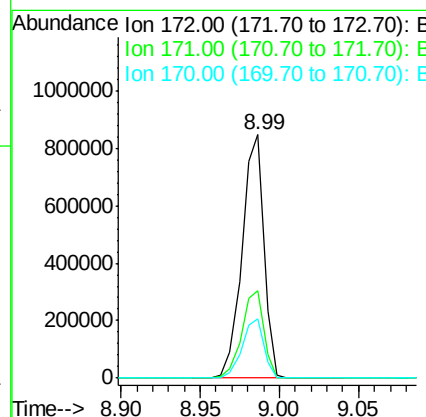
Manual Integrations
 APPROVED

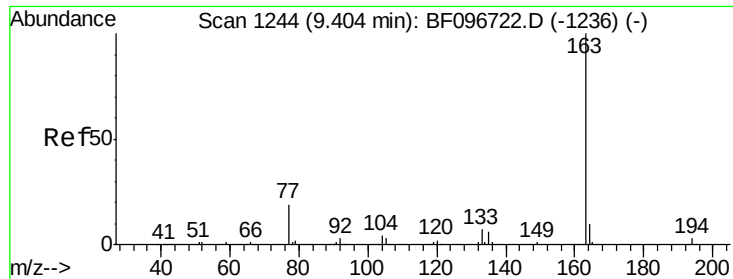
mohammad
 7/17/2017 3:57:28 PM



#44
 2-Fluorobiphenyl
 Concen: 71.894 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096793.D
 Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	808519		
171	35.7	29.6	44.4	
170	24.4	19.8	29.8	





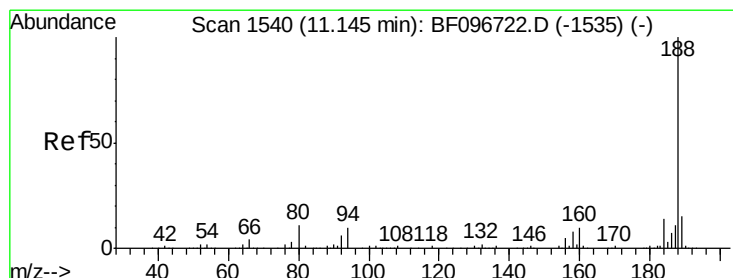
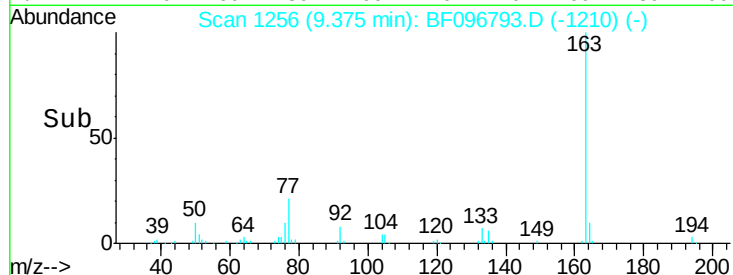
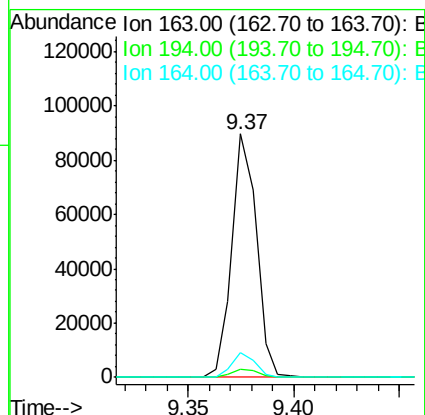
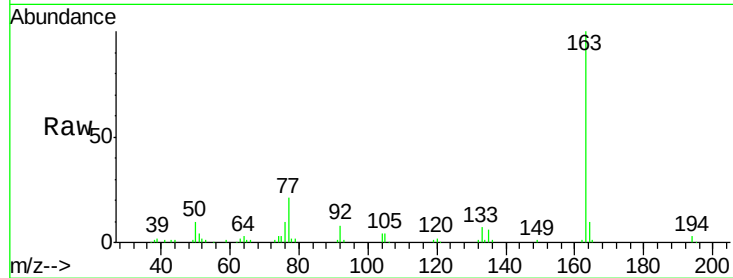
#49
Dimethylphthalate
Concen: 5.381 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096793.D
Acq: 15 Jul 2017 1:19

Instrument :
BNA_F
ClientSampleId :
CI-SB3-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	71984		
194	3.4	2.6	4.0	
164	10.0	8.4	12.6	

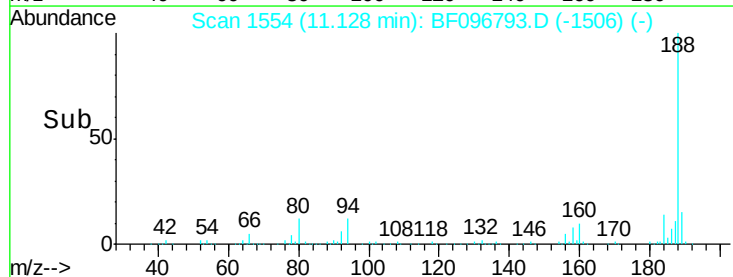
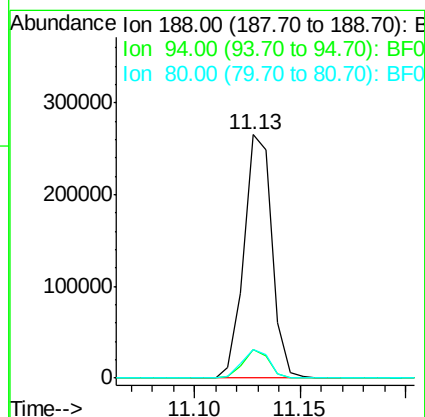
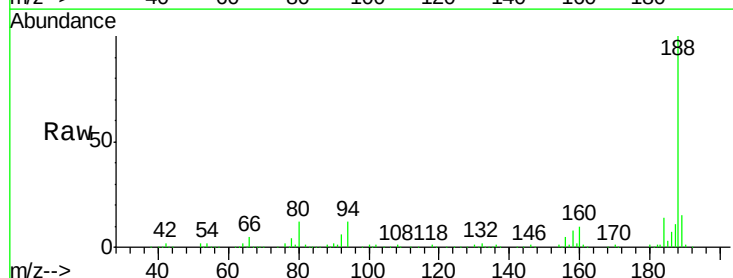
Manual Integrations
APPROVED

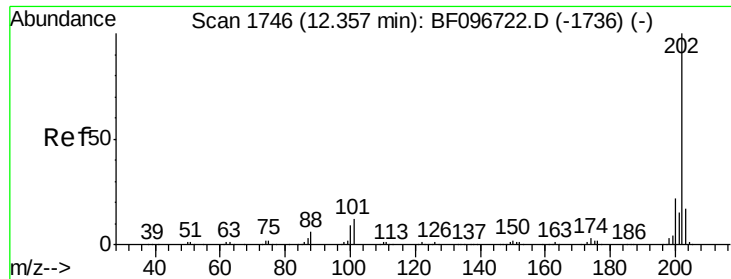
mohammad
7/17/2017 3:57:28 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096793.D
Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	243120		
94	12.0	9.4	14.2	
80	11.7	10.2	15.2	





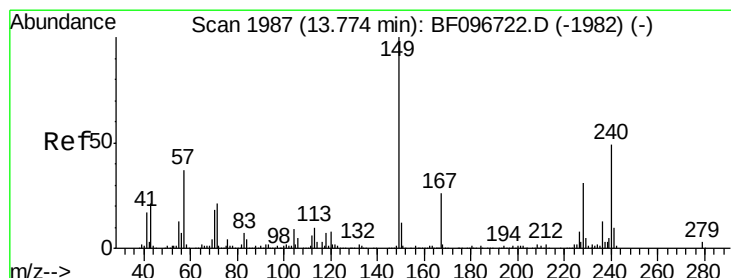
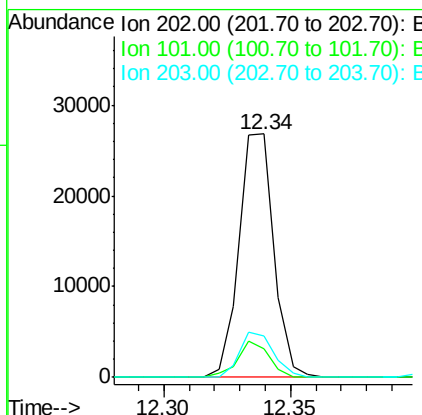
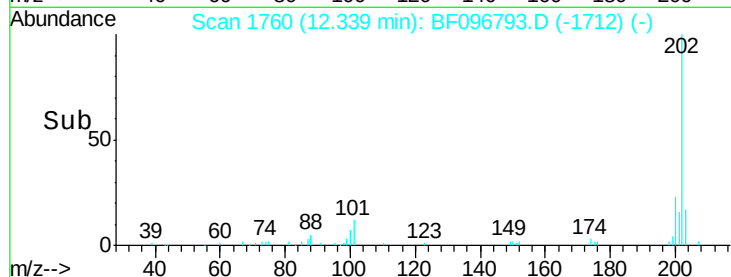
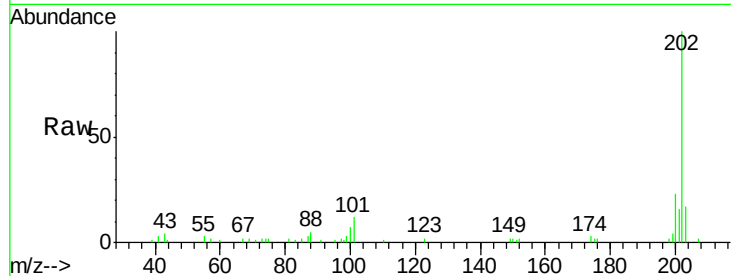
#74
Fluoranthene
Concen: 2.021 ng
RT: 12.34 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096793.D
Acq: 15 Jul 2017 1:19

Instrument :
BNA_F
ClientSampleId :
CI-SB3-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	0.0	33.2
203	16.9	0.0	38.1

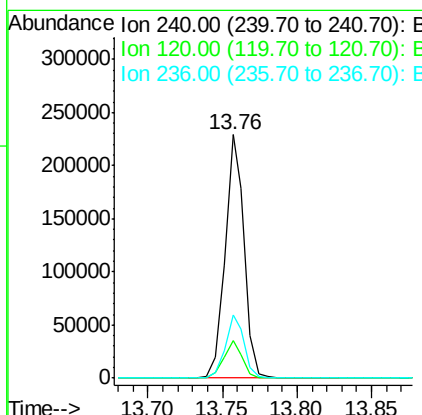
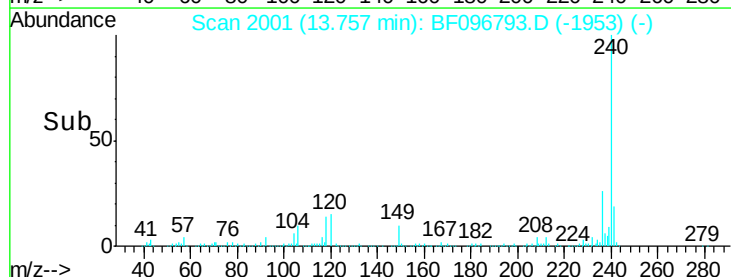
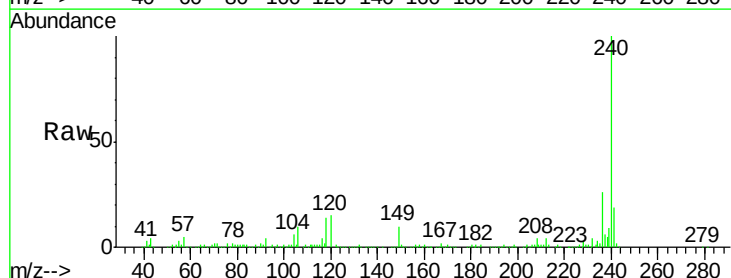
Manual Integrations
APPROVED

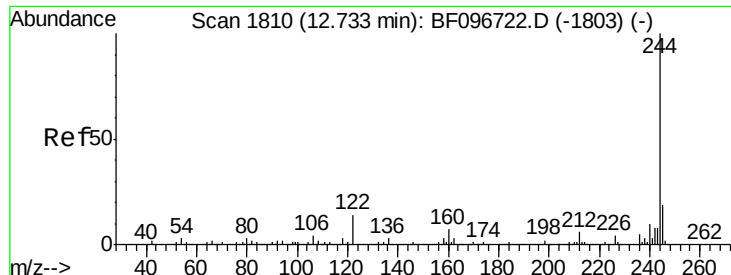
mohammad
7/17/2017 3:57:28 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF096793.D
Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.3	5.8	8.8#
236	25.9	20.5	30.7





#78

Terphenyl-d14

Concen: 35.378 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096793.D

Acq: 15 Jul 2017 1:19

Instrument :

BNA_F

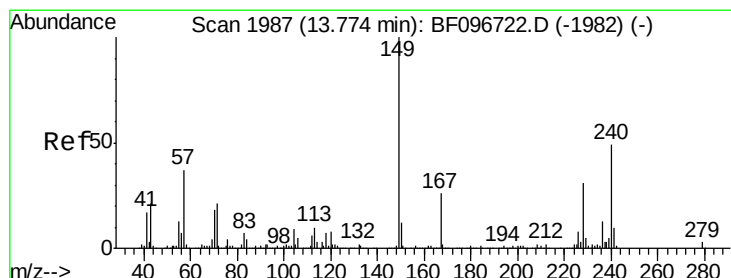
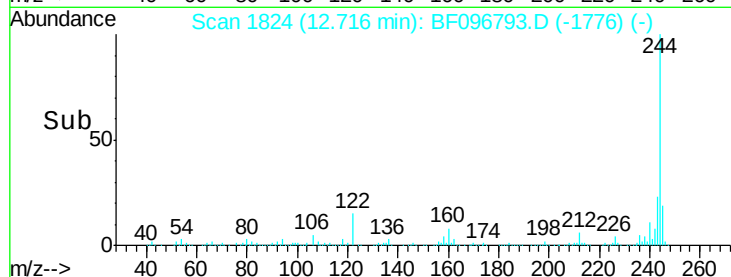
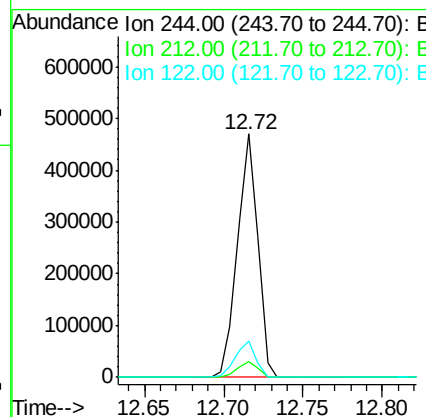
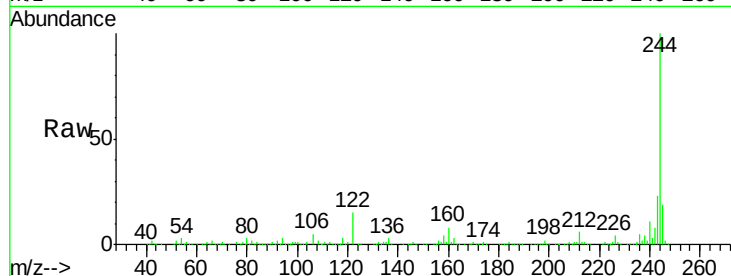
ClientSampleId :

CI-SB3-0-2

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.7	10.3	15.5

Manual Integrations
APPROVED

mohammad
7/17/2017 3:57:28 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.428 ng m

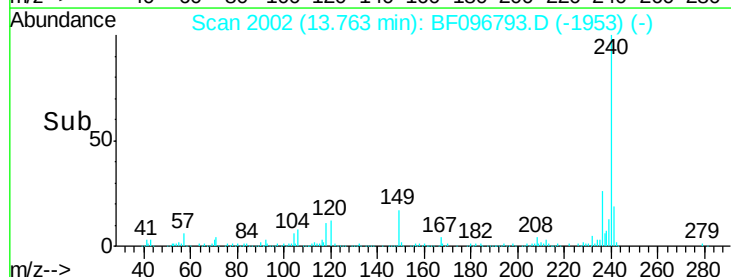
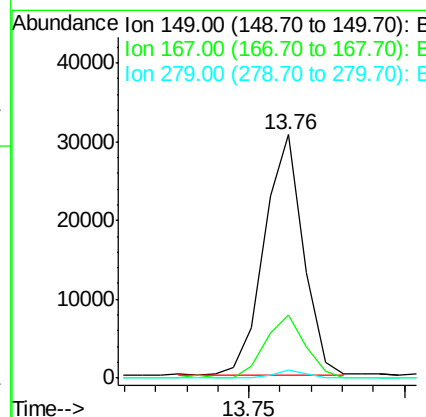
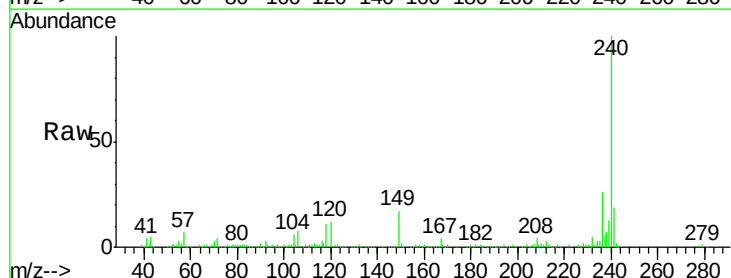
RT: 13.76 min Scan# 2002

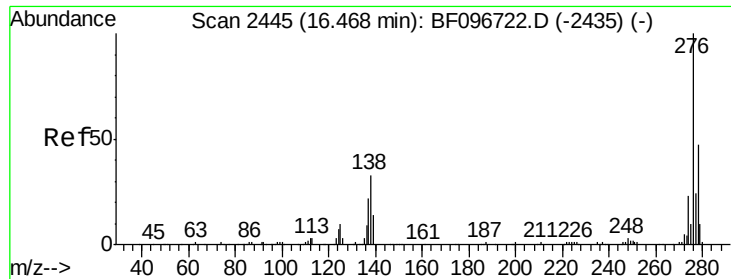
Delta R.T. -0.01 min

Lab File: BF096793.D

Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	3.4	1.9	2.9#





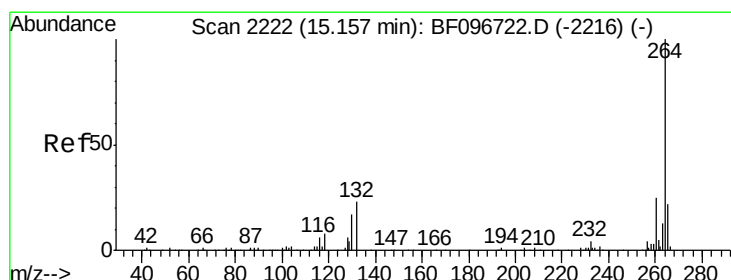
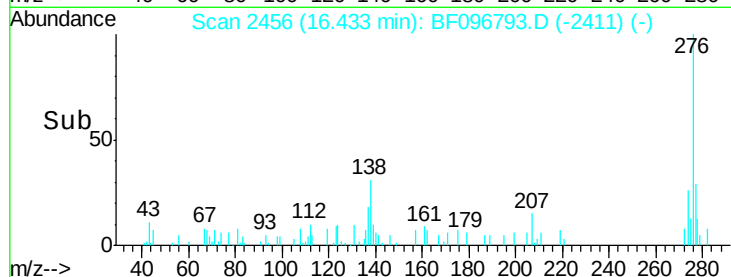
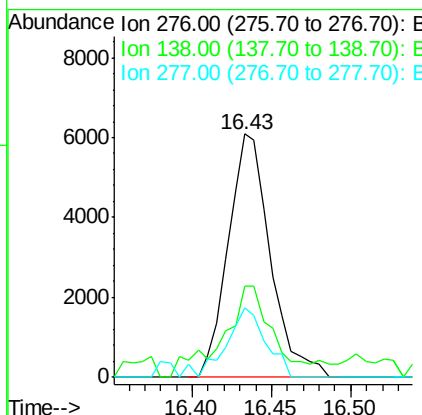
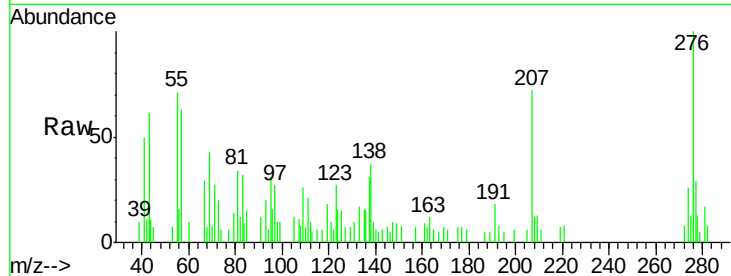
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.246 ng
 RT: 16.43 min Scan# 2456
 Delta R.T. -0.03 min
 Lab File: BF096793.D
 Acq: 15 Jul 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB3-0-2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	44.6	27.8	41.6#
277	27.2	20.2	30.4

Manual Integrations
 APPROVED

mohammad
 7/17/2017 3:57:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096793.D
 Acq: 15 Jul 2017 1:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.0	17.2	25.8

