

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092886.D
 Acq On : 10 Feb 2017 16:45
 Operator : SJ/MA
 Sample : PB96842BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BL

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:40 PM

Quant Time: Feb 10 23:39:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170713m	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	700936	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	406639	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	674183	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	549815	20.00	ng	-0.01
86) Perylene-d12	15.51	264	488798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1112912	111.84	ng	0.01
7) Phenol-d6	6.53	99	1330765	103.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	866705	68.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	338827	115.21	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1688538	75.23	ng	-0.01
78) Terphenyl-d14	13.01	244	1641441	70.15	ng	0.00

Target Compounds Qvalue

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

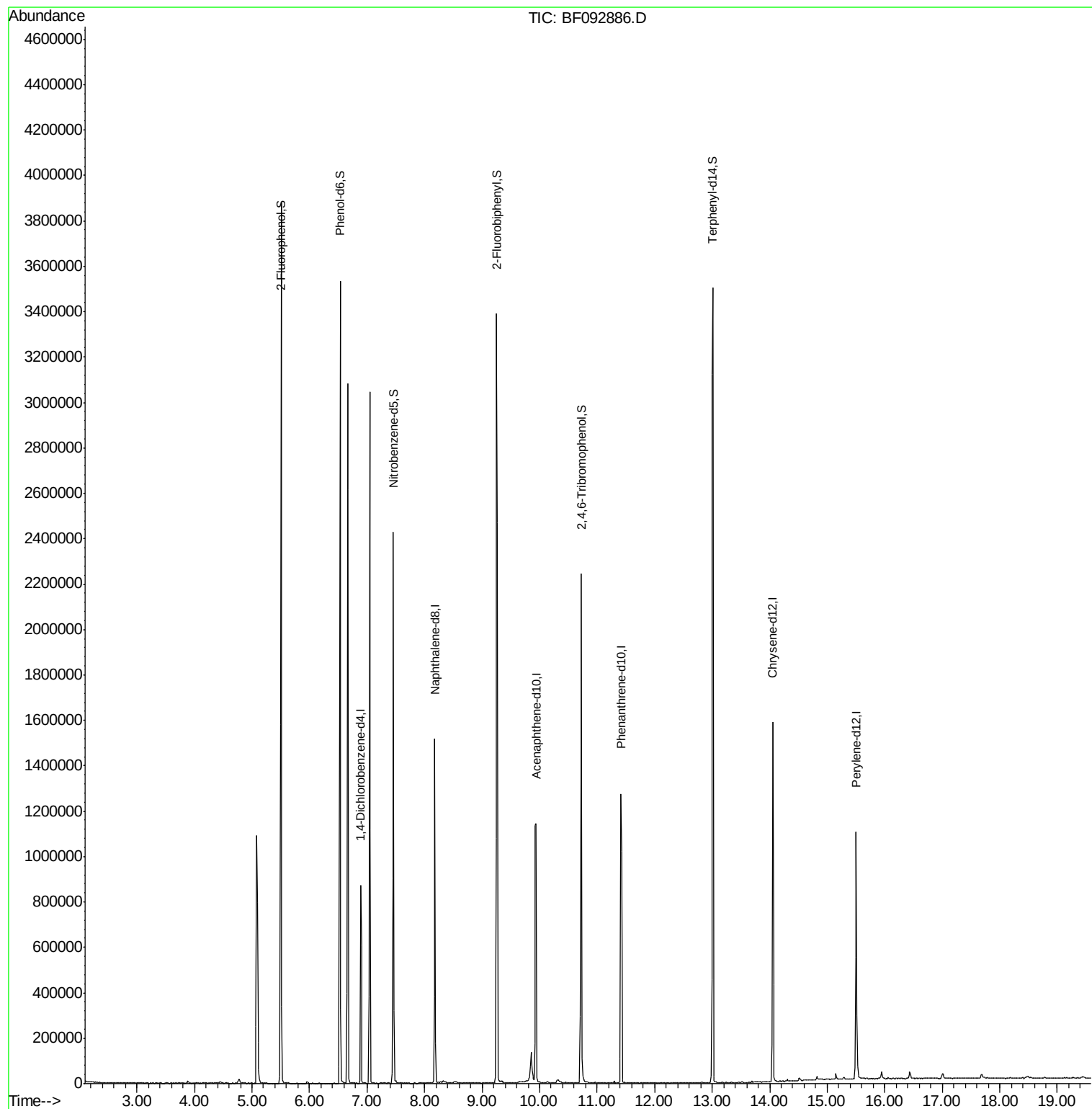
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092886.D
Acq On : 10 Feb 2017 16:45
Operator : SJ/MA
Sample : PB96842BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

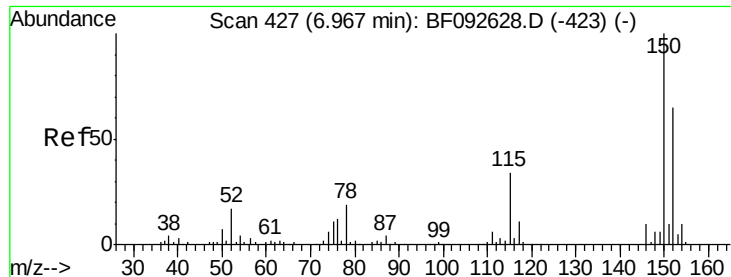
Instrument :
BNA_F
ClientSampleId :
PB96842BL

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:40 PM

Quant Time: Feb 10 23:39:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration





#1

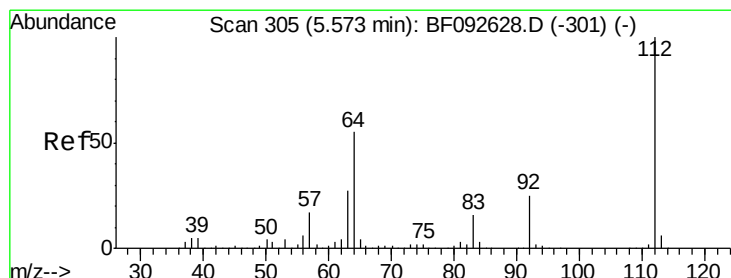
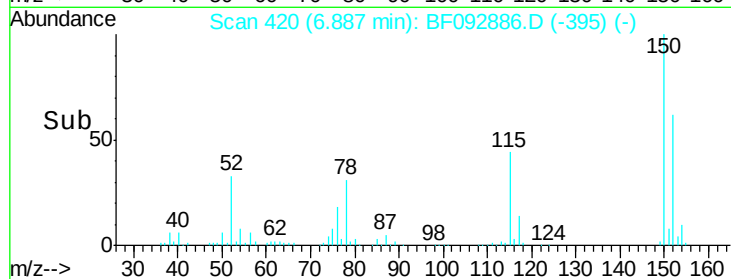
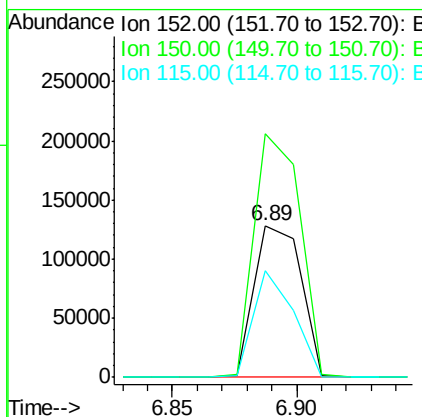
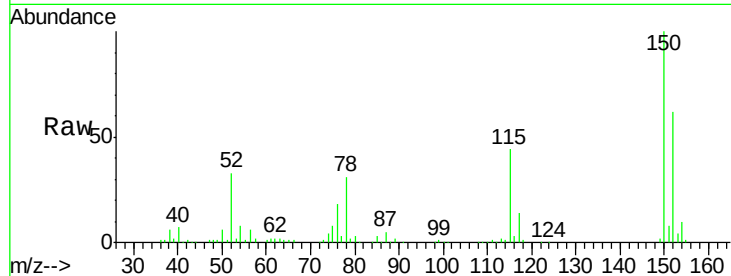
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Instrument :
BNA_F
ClientSampled :
PB96842BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.9	187.3
115	70.0	46.0	69.0

Manual Integrations
APPROVED

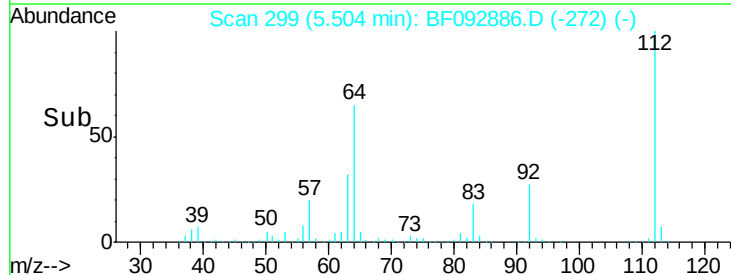
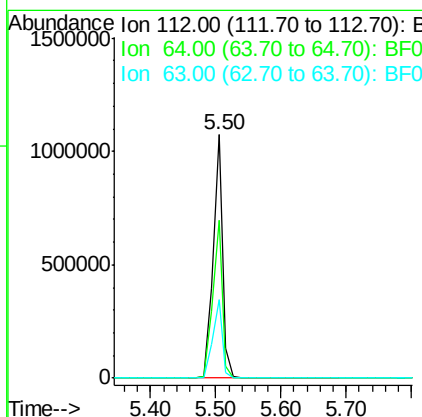
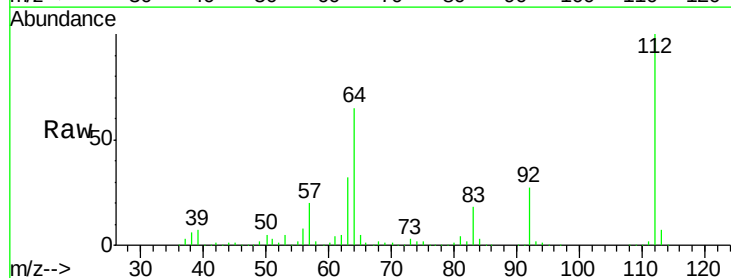
mohammad
2/13/2017 12:40:40 PM

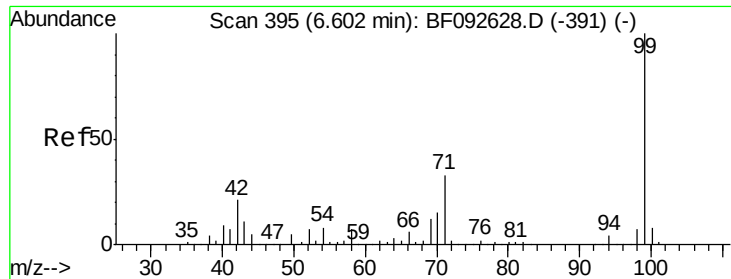


#5

2-Fluorophenol
Concen: 111.84 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.1	69.1
63	32.4	23.8	35.6





#7

Phenol-d6

Concen: 103.94 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96842BL

Tgt Ion: 99 Resp: 1330765

Ion Ratio Lower Upper

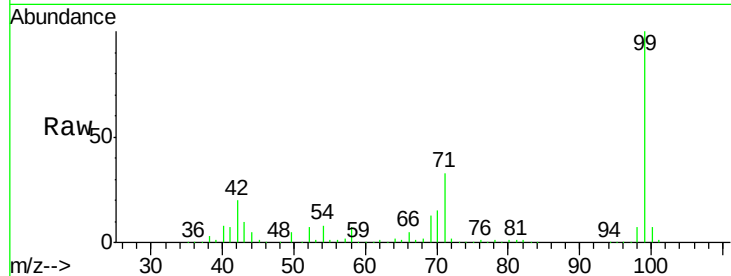
99 100

42 20.0 15.6 23.4

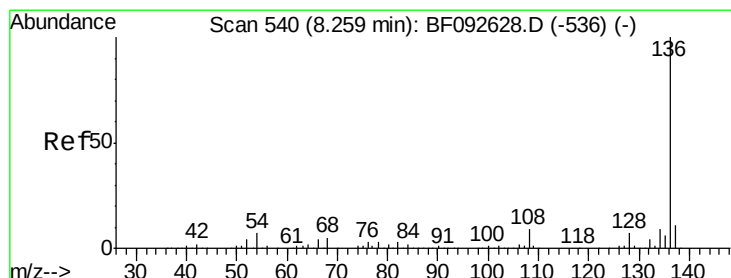
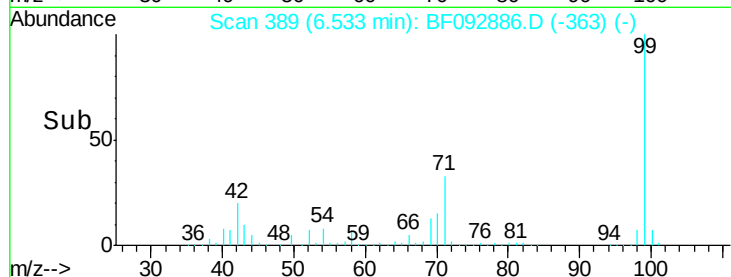
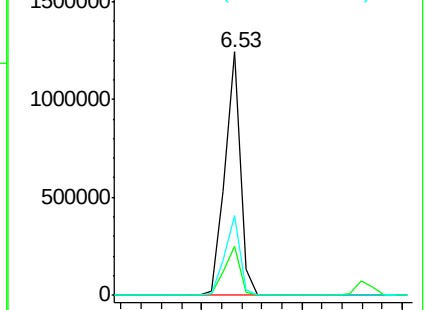
71 32.8 27.5 41.3

Manual Integrations
APPROVED

mohammad
2/13/2017 12:40:40 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092886.D

Acq: 10 Feb 2017 16:45

Tgt Ion: 136 Resp: 700936

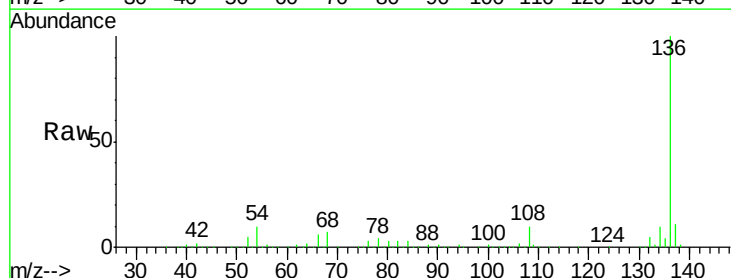
Ion Ratio Lower Upper

136 100

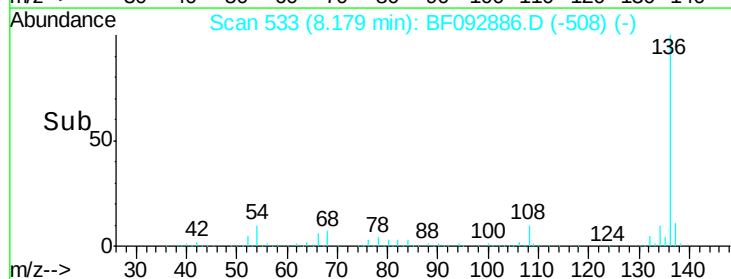
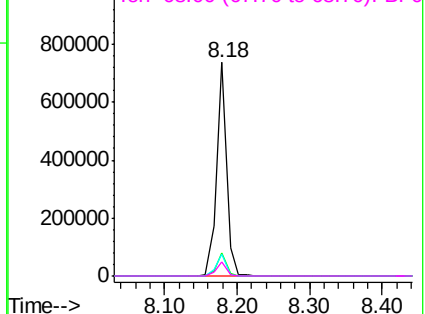
137 11.1 8.4 12.6

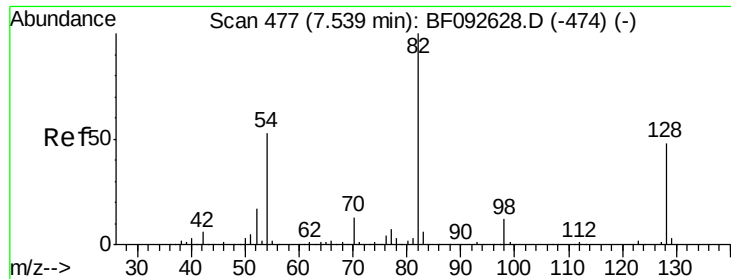
54 10.0 4.5 6.7#

68 6.9 3.6 5.4#



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





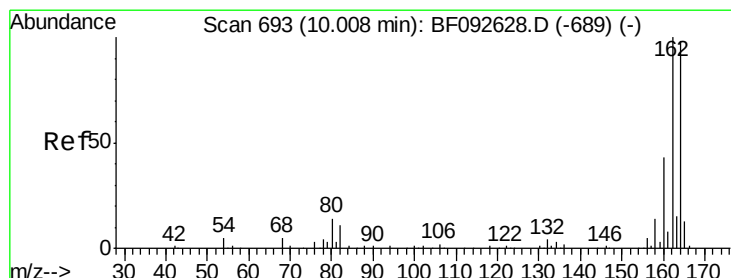
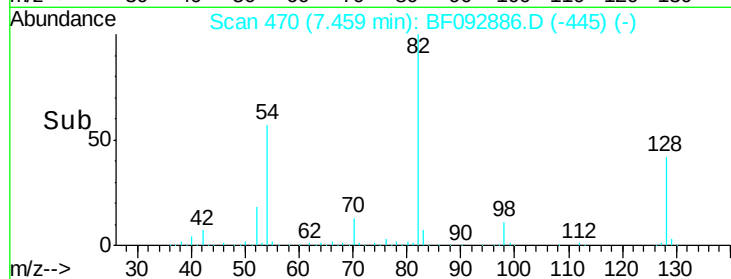
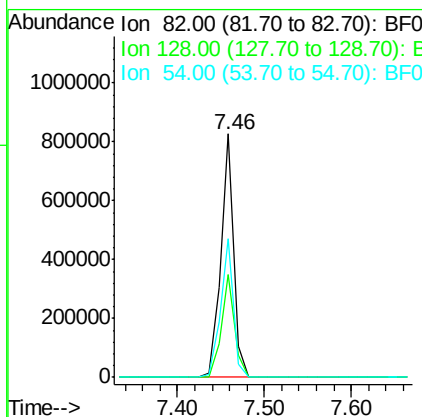
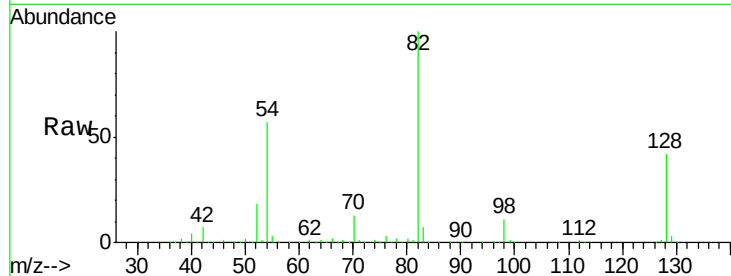
#23
 Nitrobenzene-d5
 Concen: 68.86 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Instrument :
 BNA_F
 ClientSampled :
 PB96842BL

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.0	34.6	52.0
54	57.0	39.5	59.3

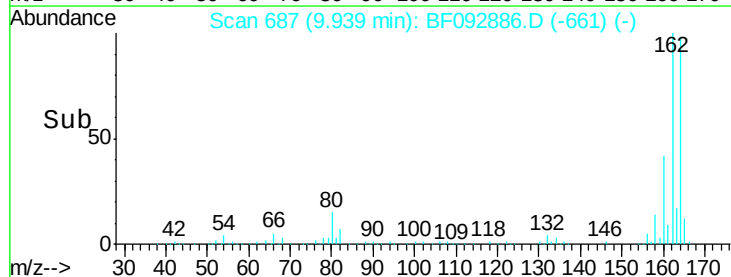
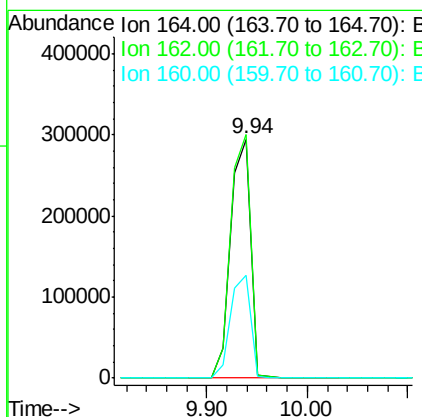
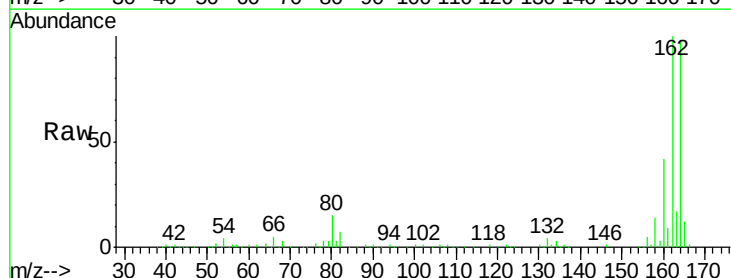
Manual Integrations
 APPROVED

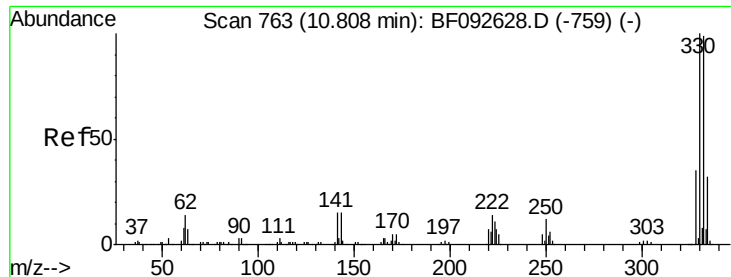
mohammad
 2/13/2017 12:40:40 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.9	80.2	120.2
160	43.2	36.9	55.3





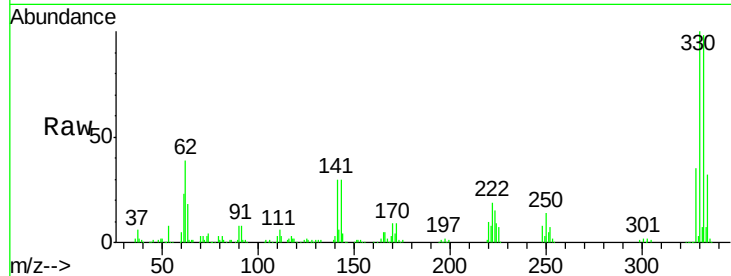
#41
 2,4,6-Tribromophenol
 Concen: 115.21 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BL

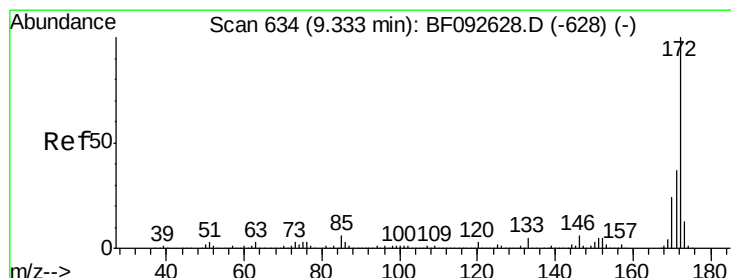
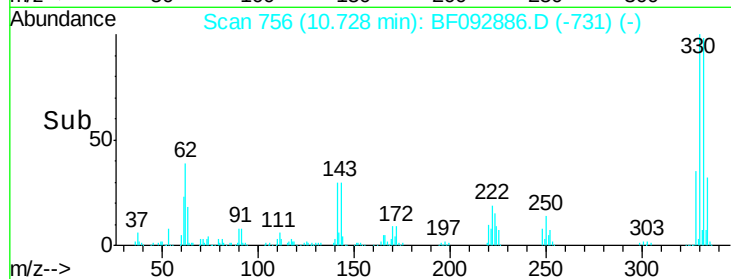
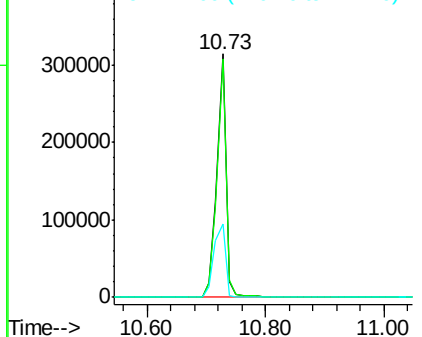
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	338827		
332	96.8	77.4	116.2	
141	38.3	34.1	51.1	

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:40 PM



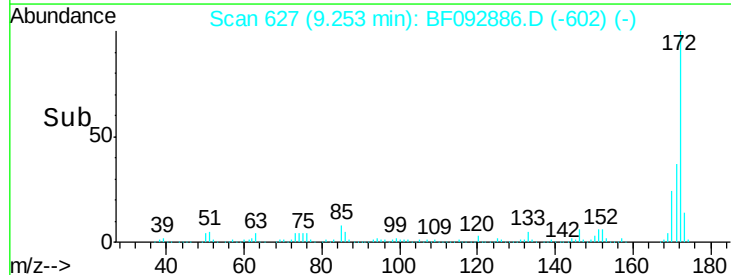
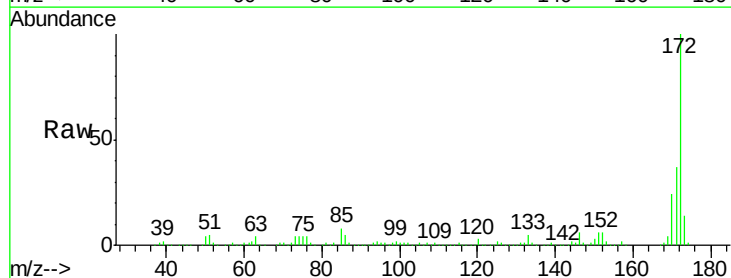
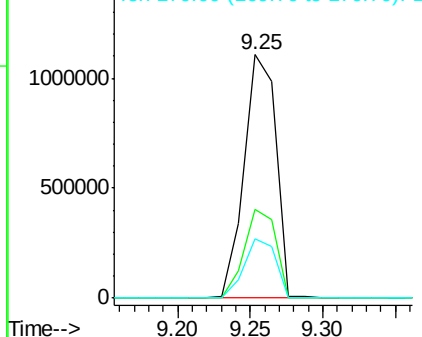
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

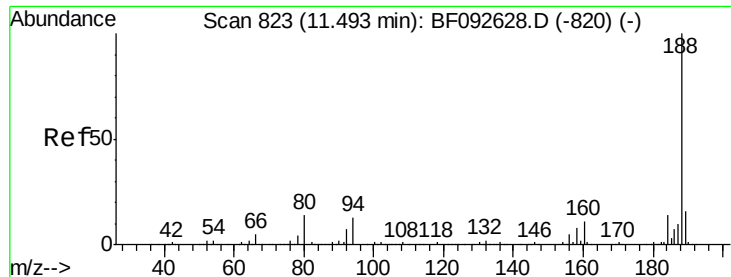


#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1688538		
171	36.5	29.4	44.0	
170	24.3	20.2	30.4	

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





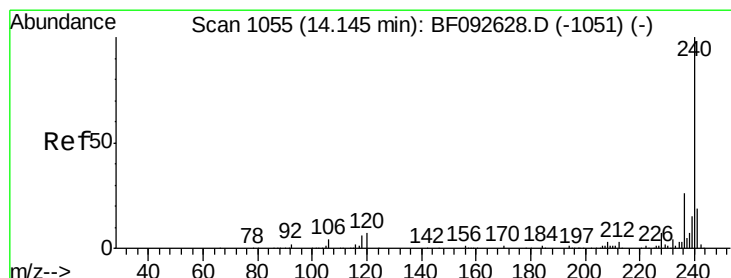
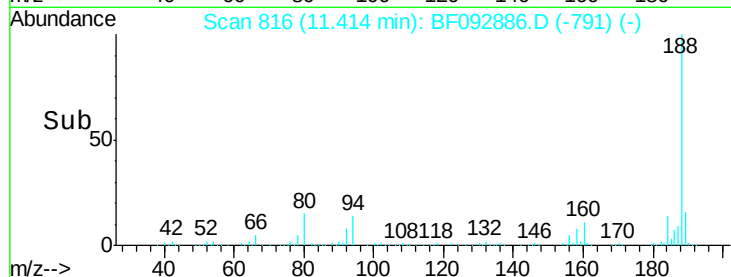
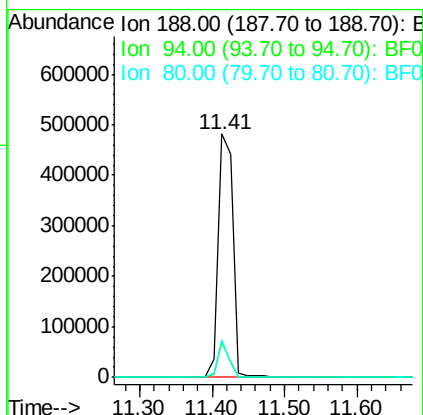
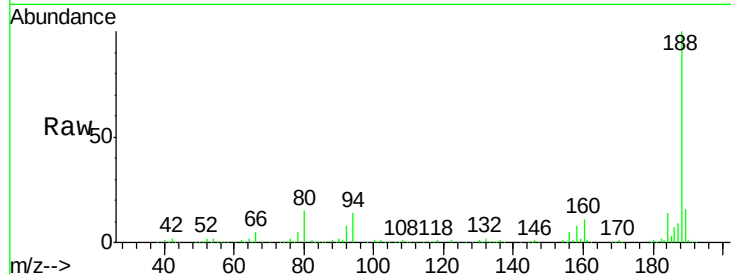
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96842BL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	674183		
94	14.2	10.0	15.0	
80	15.5	11.2	16.8	

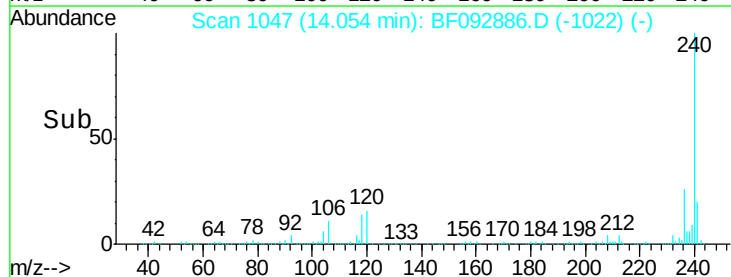
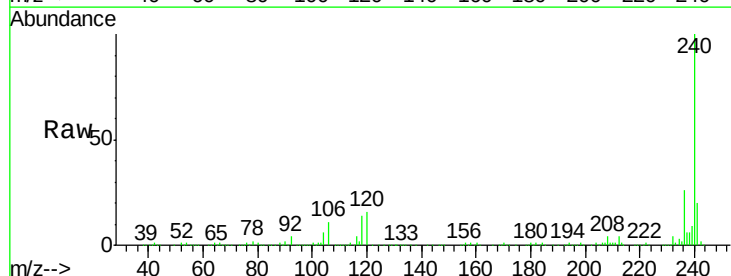
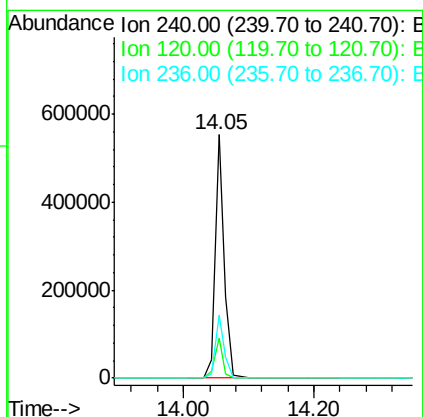
Manual Integrations
APPROVED

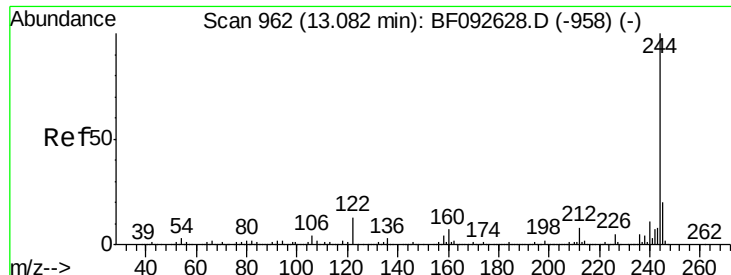
mohammad
2/13/2017 12:40:40 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092886.D
Acq: 10 Feb 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	549815		
120	16.3	12.9	19.3	
236	26.0	20.9	31.3	





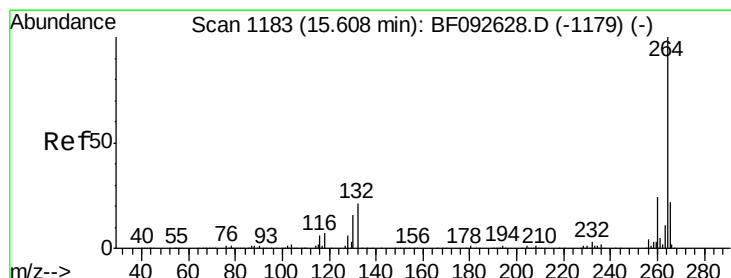
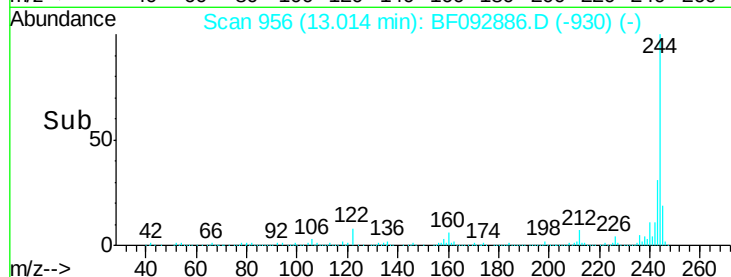
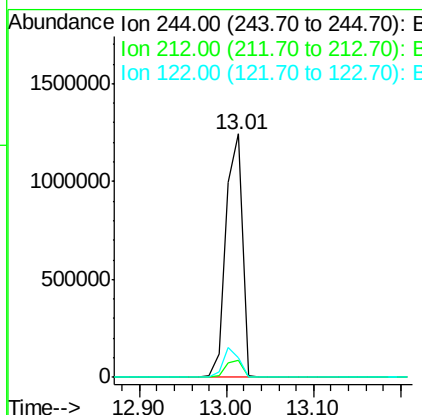
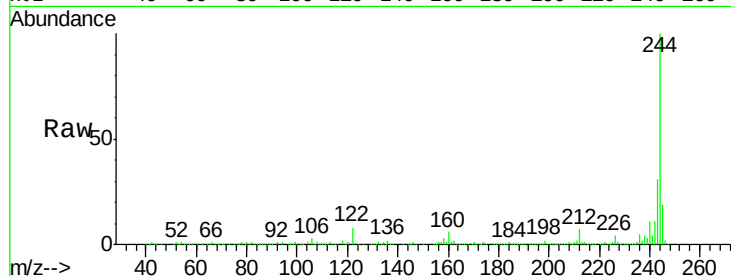
#78
 Terphenyl-d14
 Concen: 70.15 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96842BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.1	11.4	17.2#

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:40:40 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF092886.D
 Acq: 10 Feb 2017 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.4	26.0

