

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092911.D
 Acq On : 11 Feb 2017 7:26
 Operator : SJ/MA
 Sample : I1766-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020717-PR-E-U-M

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:41:54 PM

Quant Time: Feb 13 03:15:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156884m	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	624185	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	355593	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	594260	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	409488	20.00	ng	-0.09
86) Perylene-d12	15.51	264	319497	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	461710	50.49	ng	-0.08
7) Phenol-d6	6.52	99	363556	30.90	ng	-0.08
23) Nitrobenzene-d5	7.46	82	965687	86.15	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	255191	99.22	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1949595	99.33	ng	-0.07
78) Terphenyl-d14	13.01	244	1653243	94.86	ng	-0.07

Target Compounds Qvalue

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

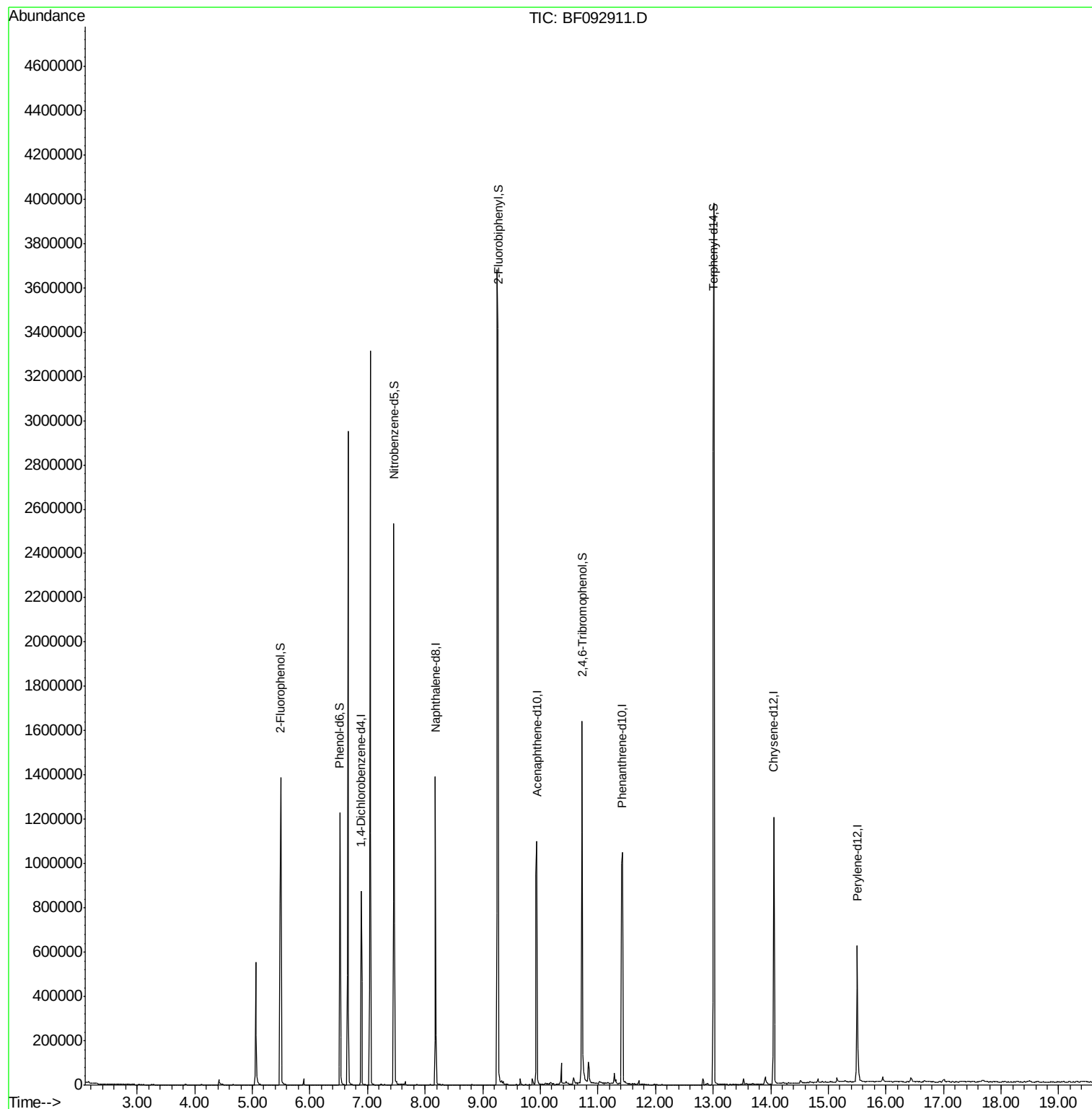
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092911.D
Acq On : 11 Feb 2017 7:26
Operator : SJ/MA
Sample : I1766-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

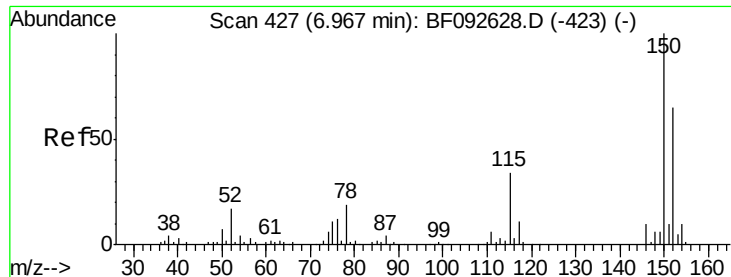
Instrument :
BNA_F
ClientSampleId :
020717-PR-E-U-M

Manual Integrations
APPROVED

mohammad
2/13/2017 12:41:54 PM

Quant Time: Feb 13 03:15:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

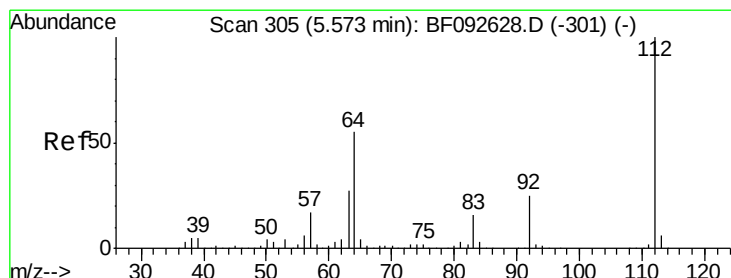
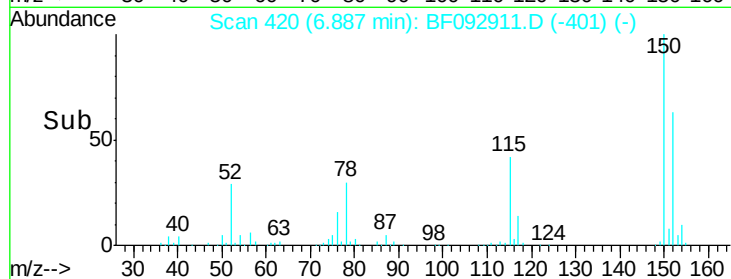
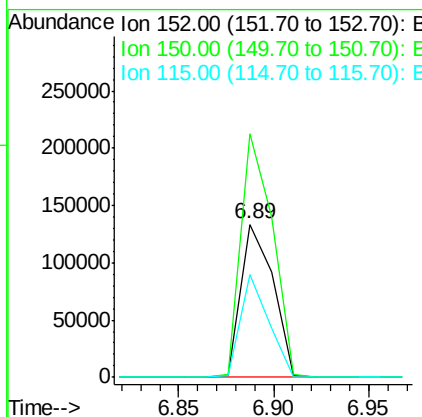
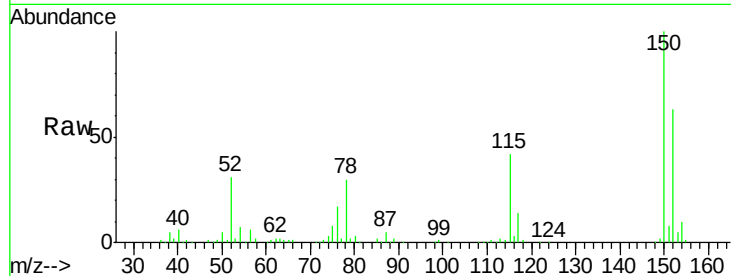
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.89 min Scan# 420
Delta R.T. -0.08 min
Lab File: BF092911.D
Acq: 11 Feb 2017 7:26

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-U-M

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156884		
150	159.1	124.9	187.3	
115	67.0	46.0	69.0	

Manual Integrations
APPROVED

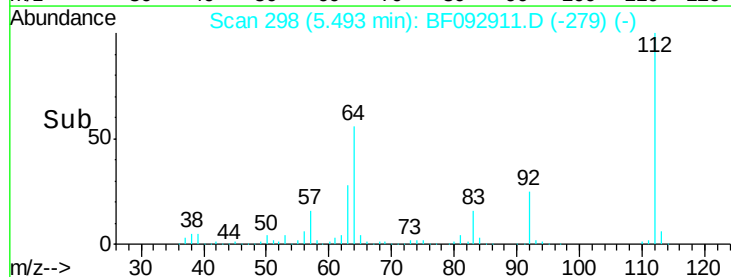
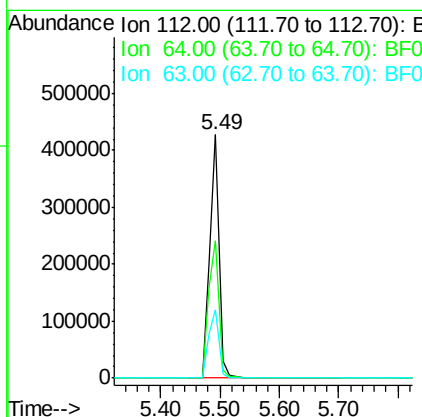
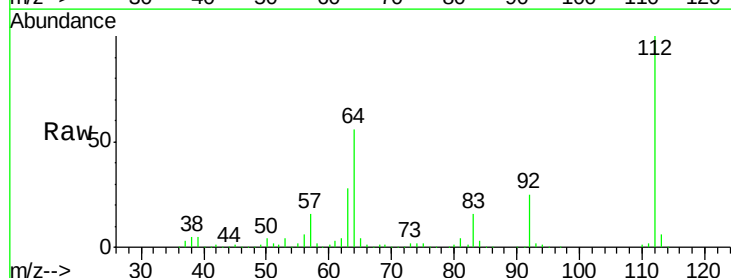
mohammad
2/13/2017 12:41:54 PM

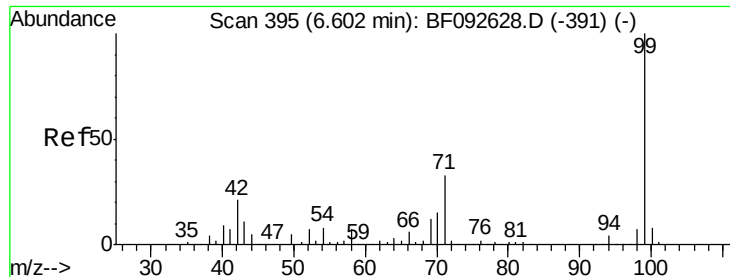


#5

2-Fluorophenol
Concen: 50.49 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.08 min
Lab File: BF092911.D
Acq: 11 Feb 2017 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	461710		
64	56.3	46.1	69.1	
63	27.8	23.8	35.6	





#7

Phenol-d6

Concen: 30.90 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092911.D

Acq: 11 Feb 2017 7:26

Instrument :

BNA_F

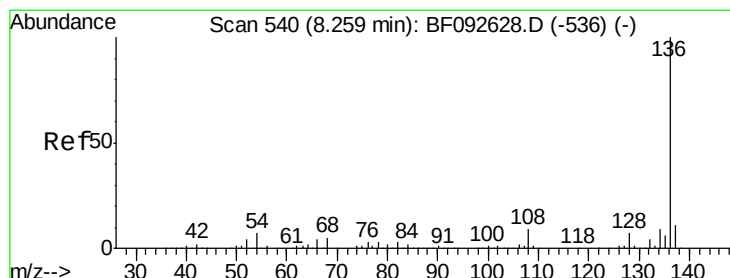
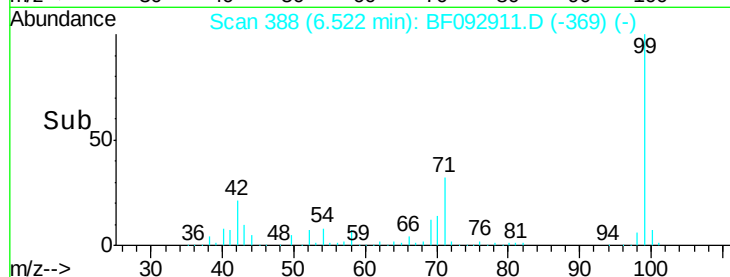
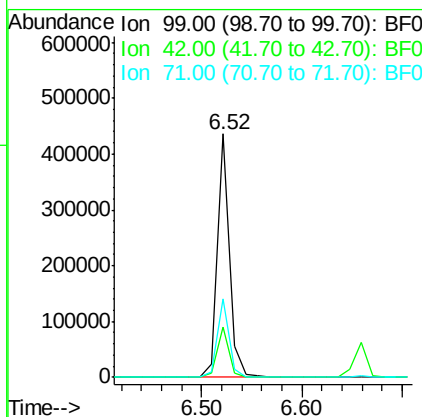
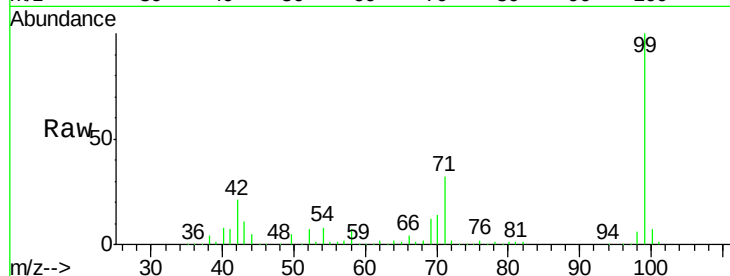
ClientSampleId :

020717-PR-E-U-M

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.6	23.4
71	32.5	27.5	41.3

Manual Integrations
APPROVED

mohammad
2/13/2017 12:41:54 PM



#21

Naphthalene-d8

Concen: 20.00 ng

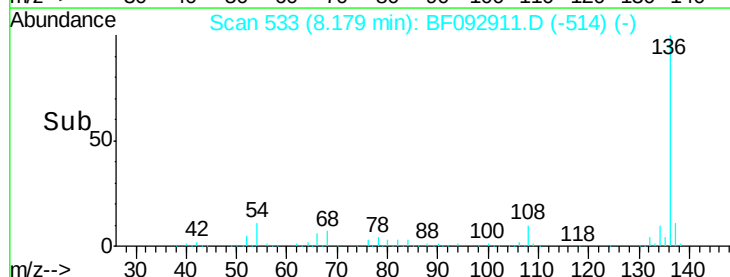
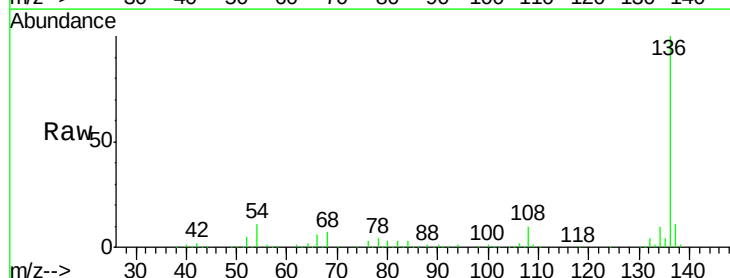
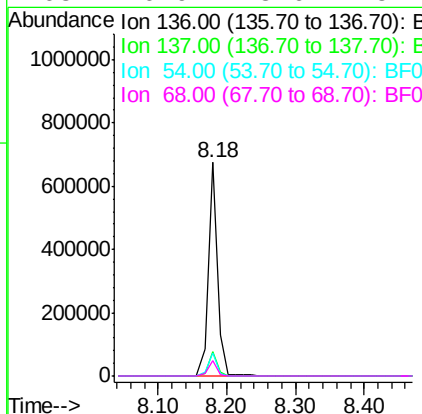
RT: 8.18 min Scan# 533

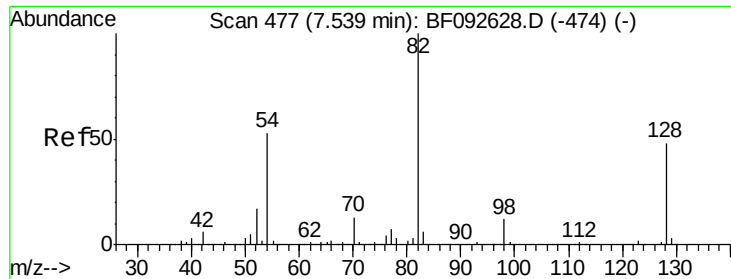
Delta R.T. -0.08 min

Lab File: BF092911.D

Acq: 11 Feb 2017 7:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.6	4.5	6.7#
68	6.9	3.6	5.4#





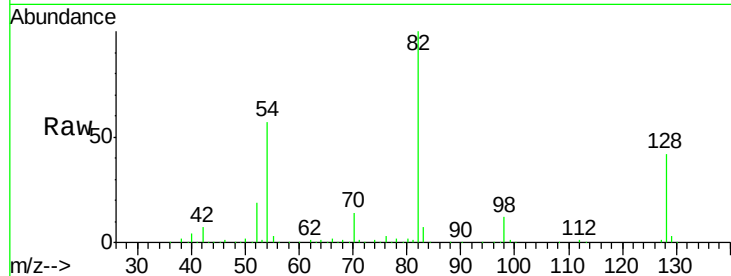
#23
 Nitrobenzene-d5
 Concen: 86.15 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092911.D
 Acq: 11 Feb 2017 7:26

Instrument :
 BNA_F
 ClientSampleId :
 020717-PR-E-U-M

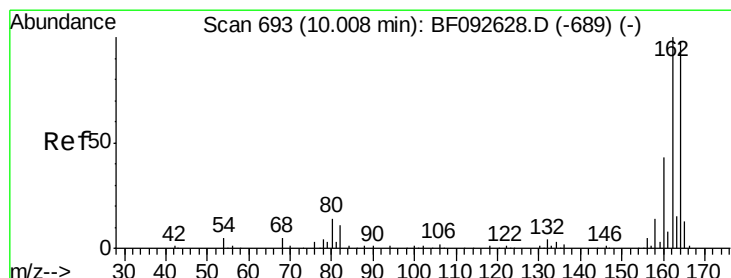
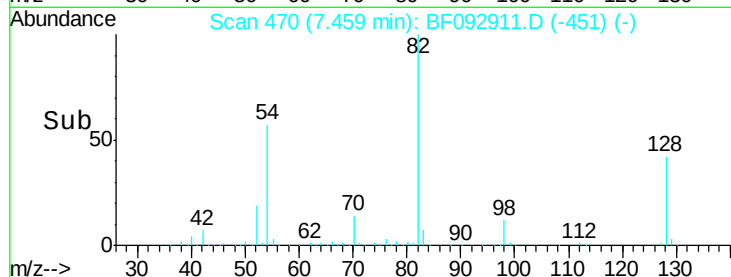
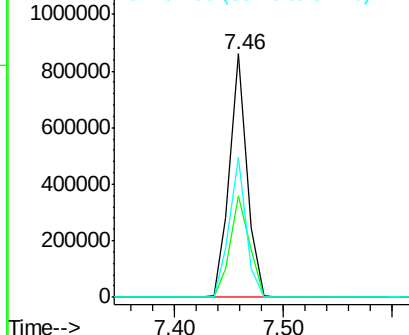
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	965687		
128	41.7	34.6	52.0	
54	57.3	39.5	59.3	

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:41:54 PM

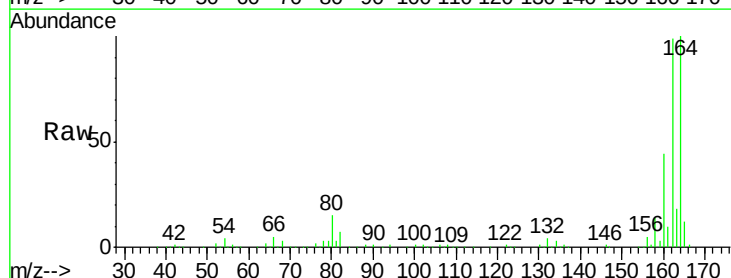


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

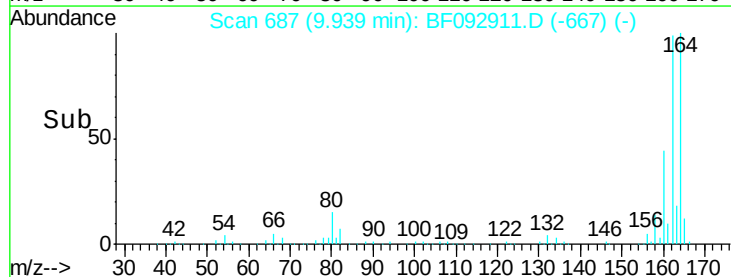
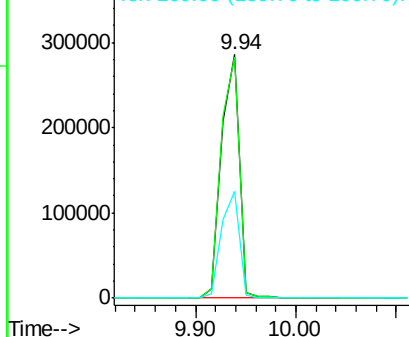


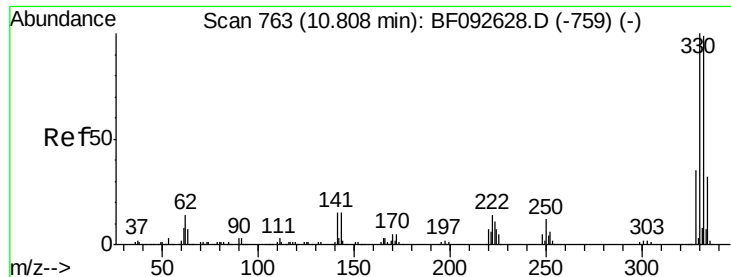
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092911.D
 Acq: 11 Feb 2017 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	355593		
162	98.9	80.2	120.2	
160	43.6	36.9	55.3	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





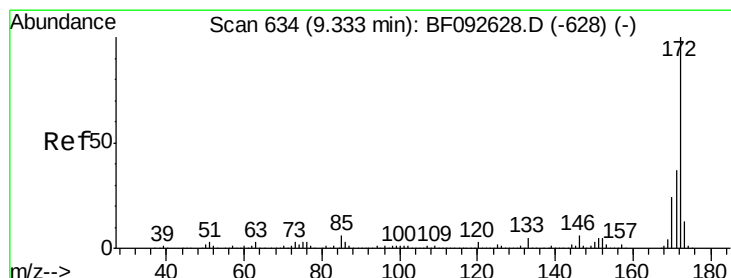
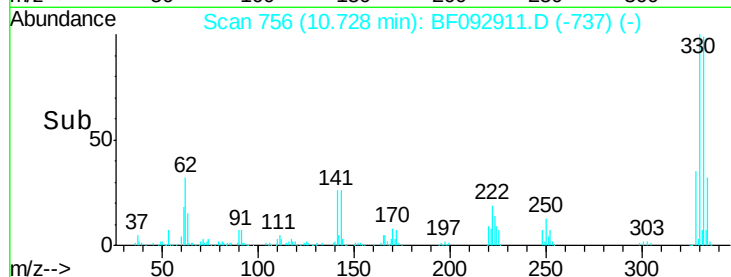
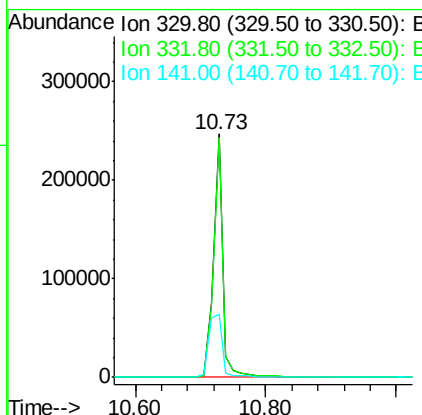
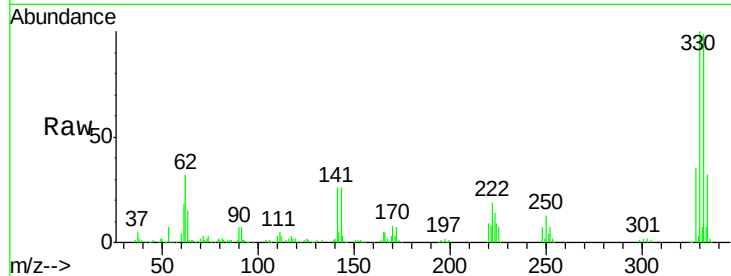
#41
 2,4,6-Tribromophenol
 Concen: 99.22 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092911.D
 Acq: 11 Feb 2017 7:26

Instrument :
 BNA_F
 ClientSampleId :
 020717-PR-E-U-M

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	255191		
332	98.3	77.4	116.2	
141	37.4	34.1	51.1	

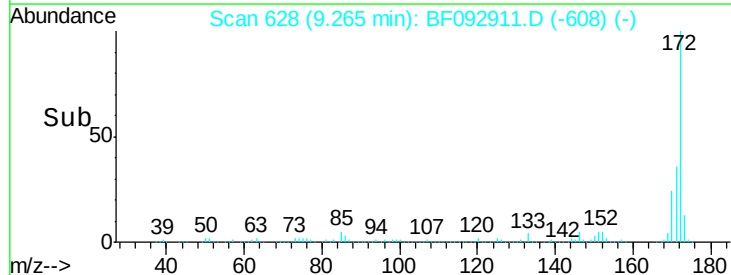
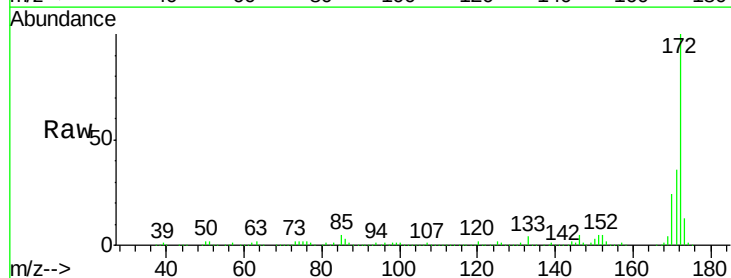
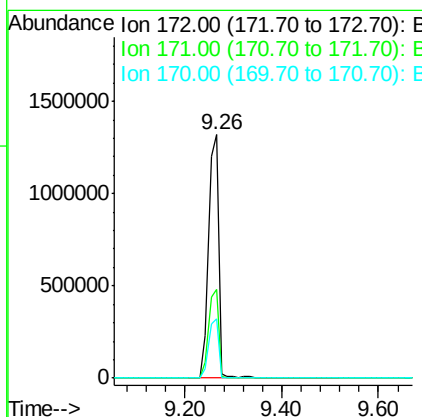
Manual Integrations
 APPROVED

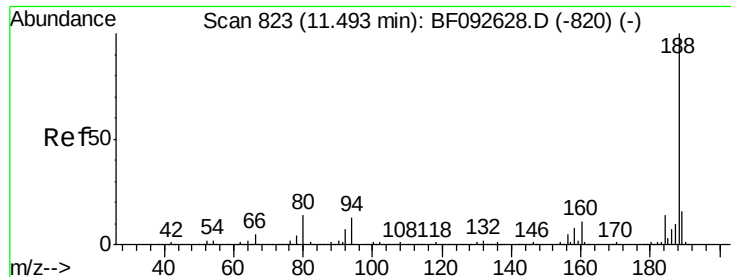
mohammad
 2/13/2017 12:41:54 PM



#44
 2-Fluorobiphenyl
 Concen: 99.33 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092911.D
 Acq: 11 Feb 2017 7:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1949595		
171	36.2	29.4	44.0	
170	24.2	20.2	30.4	





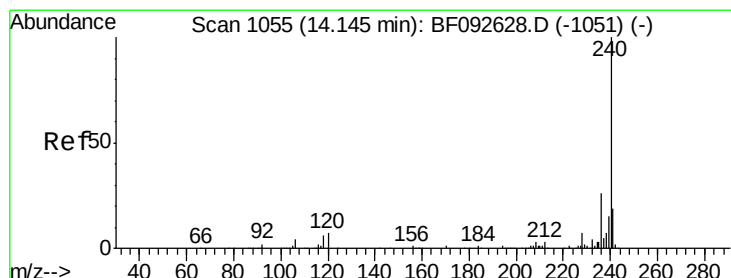
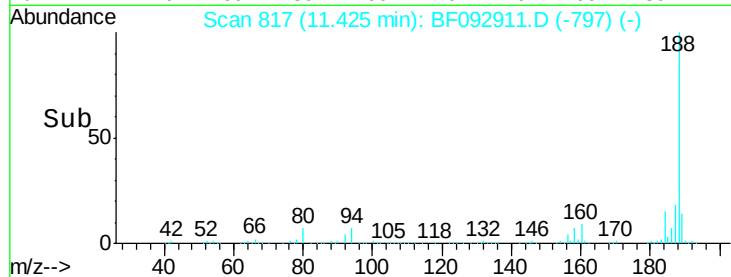
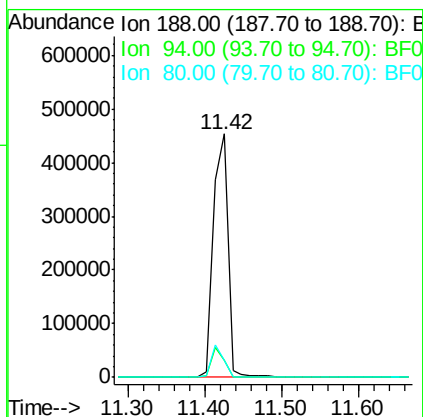
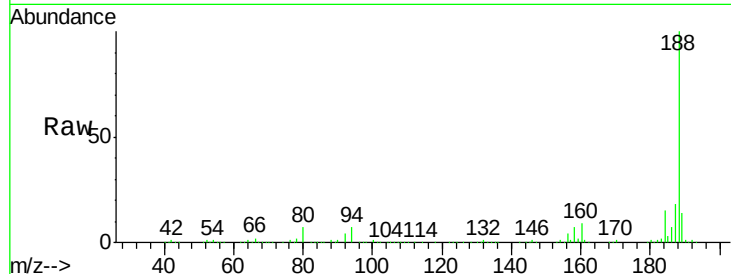
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092911.D
Acq: 11 Feb 2017 7:26

Instrument :
BNA_F
ClientSampleId :
020717-PR-E-U-M

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.1	10.0	15.0#
80	6.8	11.2	16.8#

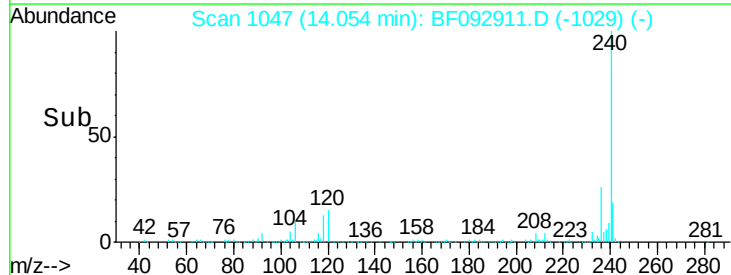
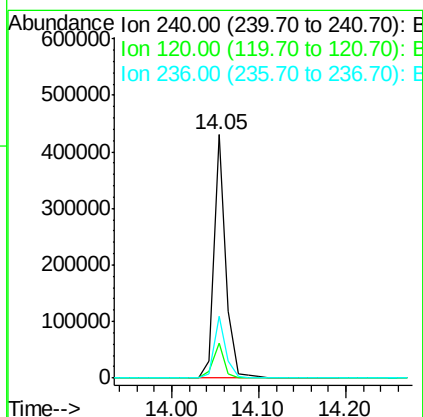
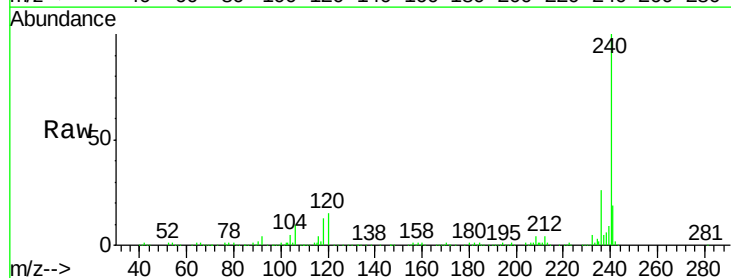
Manual Integrations
APPROVED

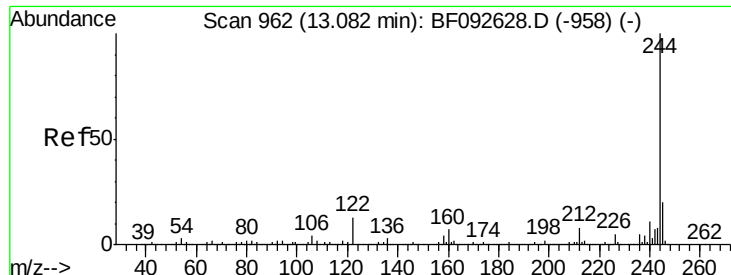
mohammad
2/13/2017 12:41:54 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092911.D
Acq: 11 Feb 2017 7:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.6	12.9	19.3
236	25.5	20.9	31.3





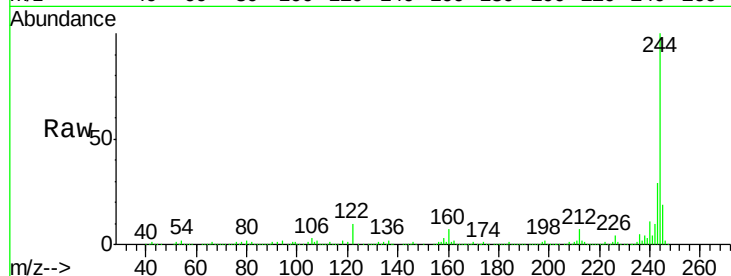
#78
 Terphenyl-d14
 Concen: 94.86 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092911.D
 Acq: 11 Feb 2017 7:26

Instrument :
 BNA_F
 ClientSampleId :
 020717-PR-E-U-M

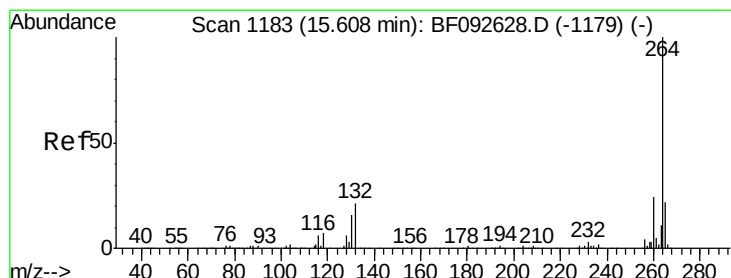
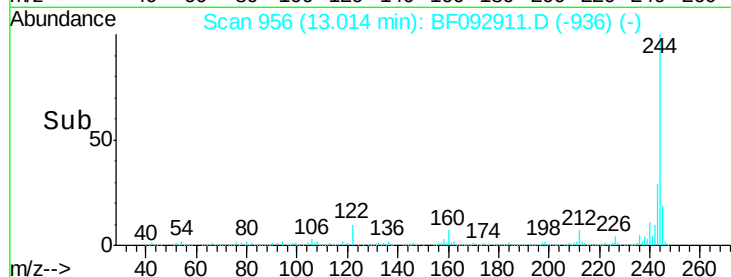
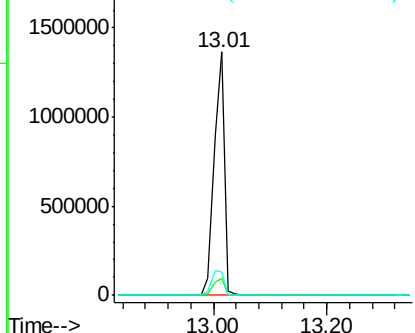
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.7	11.4	17.2#

Manual Integrations
 APPROVED

mohammad
 2/13/2017 12:41:54 PM

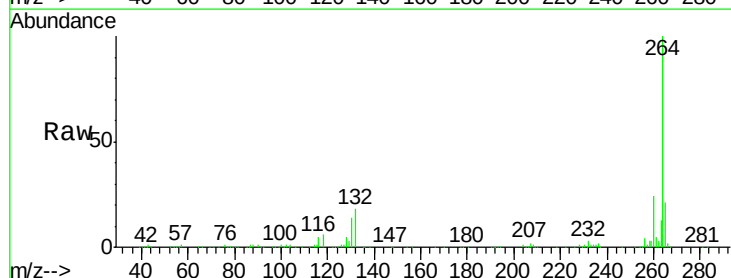


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092911.D
 Acq: 11 Feb 2017 7:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

