

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096197.D
 Acq On : 24 Jun 2017 18:52
 Operator : SJ/MA
 Sample : I3851-12 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-35-1.5-3

Manual Integrations
 APPROVED

mohammad
 6/29/2017 3:45:03 PM

Quant Time: Jun 26 02:54:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	59938	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	235421	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	91609	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	155151	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	134282	20.00	ng	-0.02
86) Perylene-d12	19.93	264	96164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	9112m	2.42	ng	0.18
7) Phenol-d6	7.03	99	15788m	3.51	ng	0.15
23) Nitrobenzene-d5	8.30	82	8226m	2.17	ng	0.08
41) 2,4,6-Tribromophenol	13.46	330	1643	2.03	ng	0.01
44) 2-Fluorobiphenyl	11.09	172	22432	3.41	ng	-0.02
78) Terphenyl-d14	16.90	244	17375	3.21	ng	-0.02

Target Compounds Qvalue

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

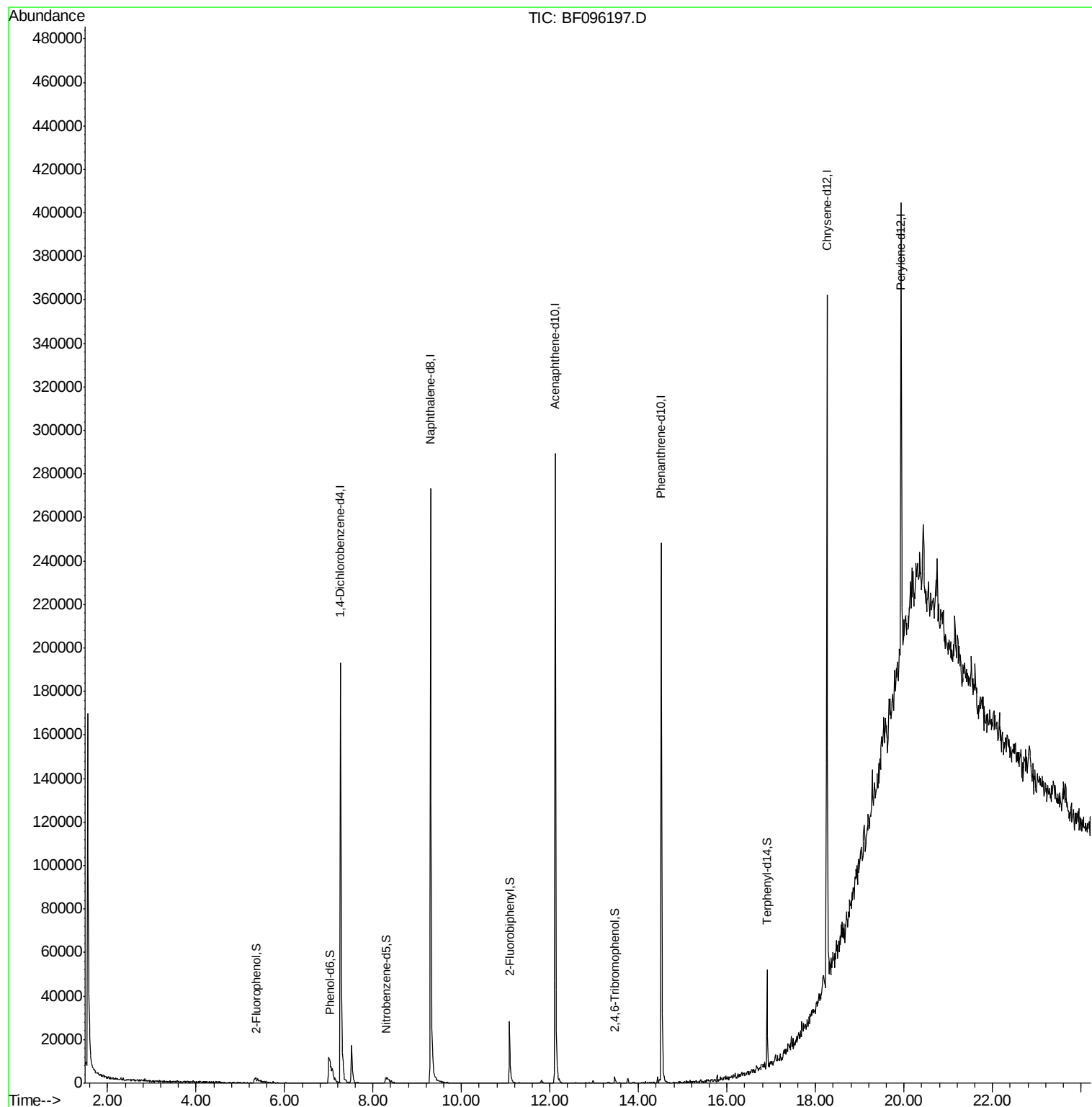
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096197.D
Acq On : 24 Jun 2017 18:52
Operator : SJ/MA
Sample : I3851-12 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

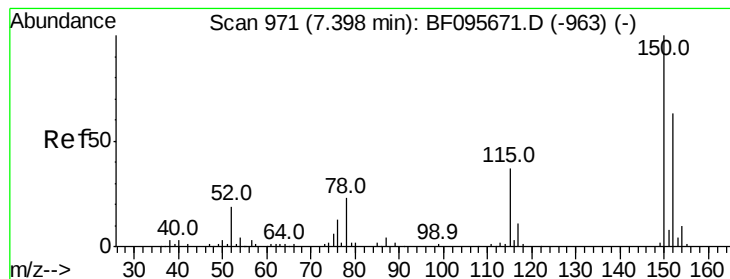
Instrument :
BNA_F
ClientSampleId :
G-35-1.5-3

Manual Integrations
APPROVED

mohammad
6/29/2017 3:45:03 PM

Quant Time: Jun 26 02:54:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration





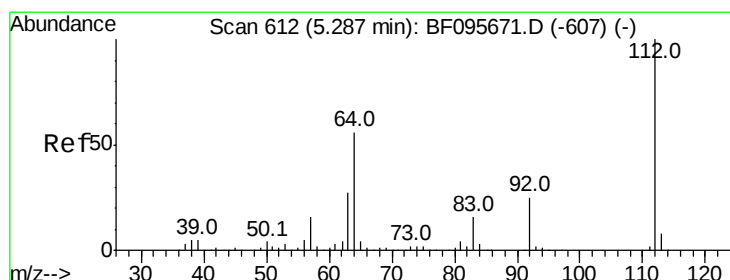
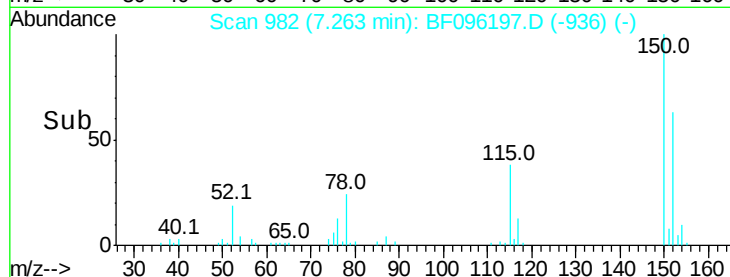
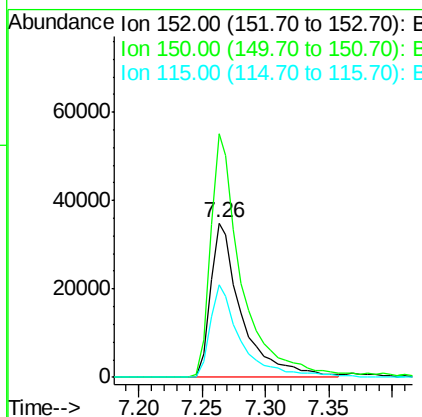
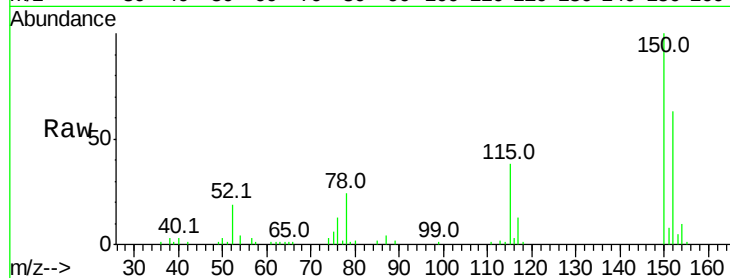
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 982
 Delta R.T. -0.03 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 G-35-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	60.3	52.2	78.2

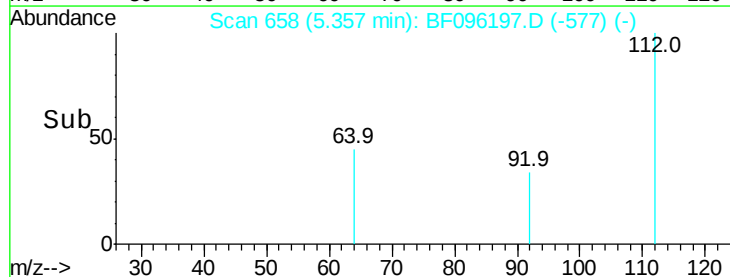
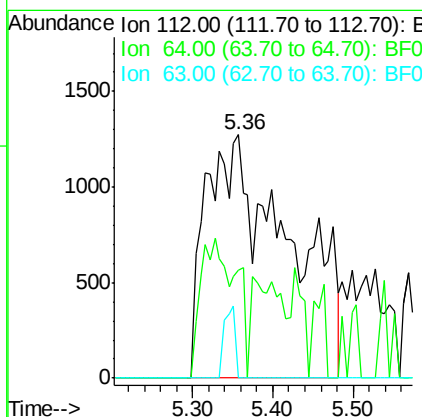
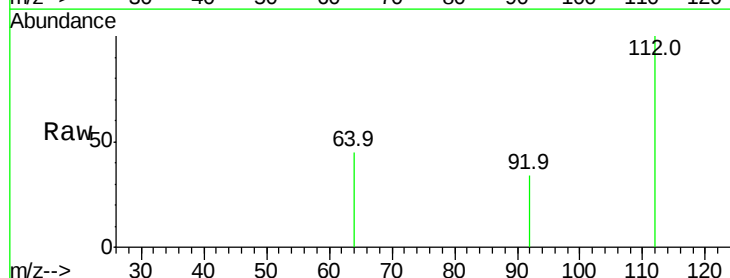
Manual Integrations
 APPROVED

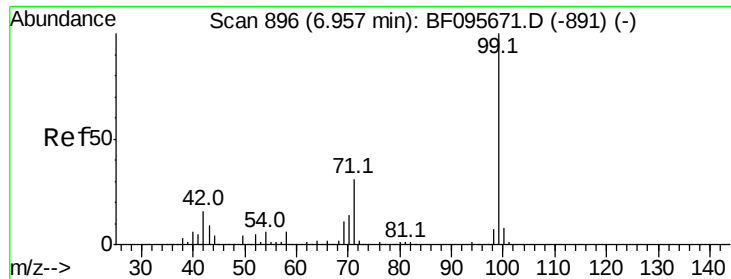
mohammad
 6/29/2017 3:45:03 PM



#5
 2-Fluorophenol
 Concen: 2.42 ng m
 RT: 5.36 min Scan# 658
 Delta R.T. 0.18 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	46.0	69.0#
63	0.0	23.4	35.0#





#7

Phenol-d6

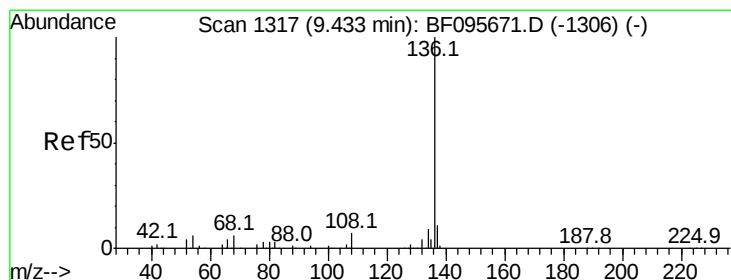
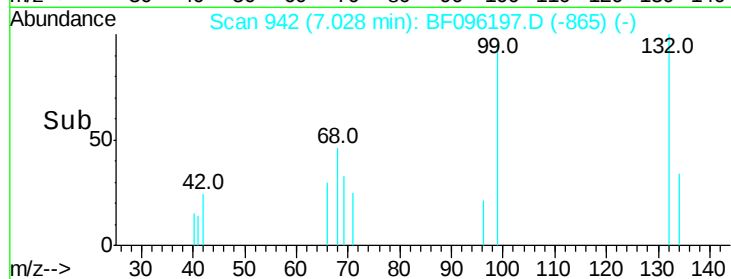
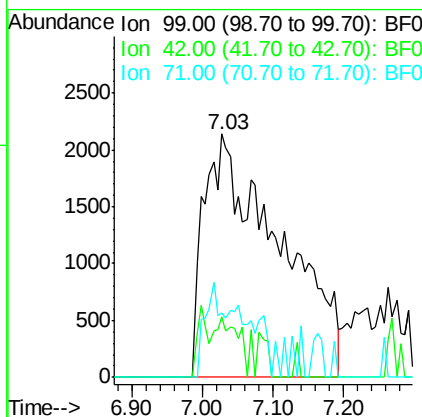
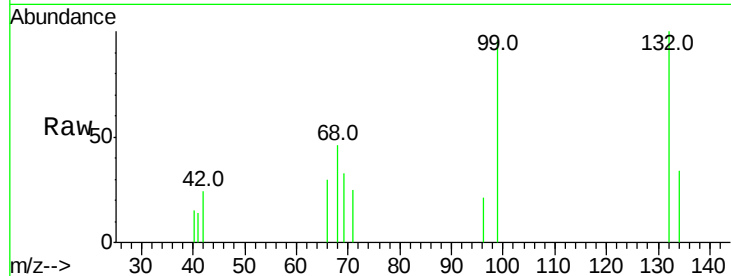
Concen: 3.51 ng m
RT: 7.03 min Scan# 942
Delta R.T. 0.15 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Instrument :
BNA_F
ClientSampleId :
G-35-1.5-3

Tot Ion	Ratio	Lower	Upper
99	100		
42	25.0	13.5	20.3#
71	26.4	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/29/2017 3:45:03 PM

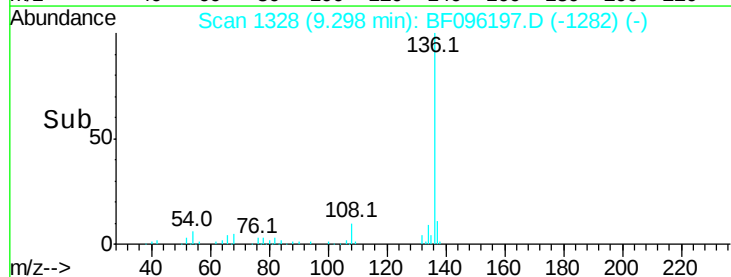
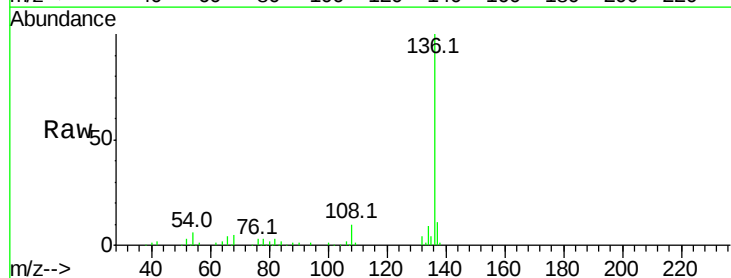
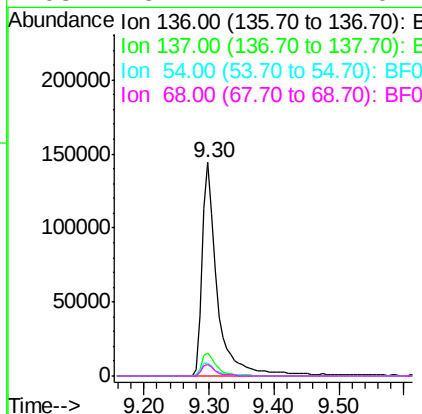


#21

Naphthalene-d8

Concen: 20.00 ng
RT: 9.30 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.2	4.9	7.3
68	5.2	4.1	6.1





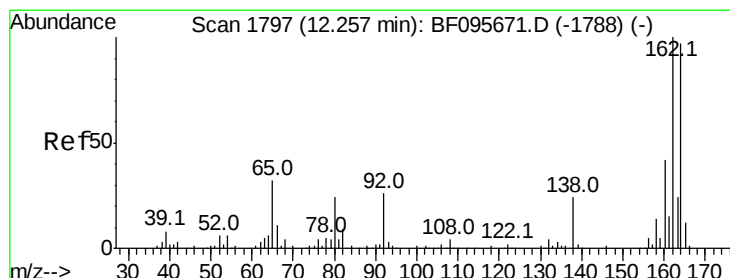
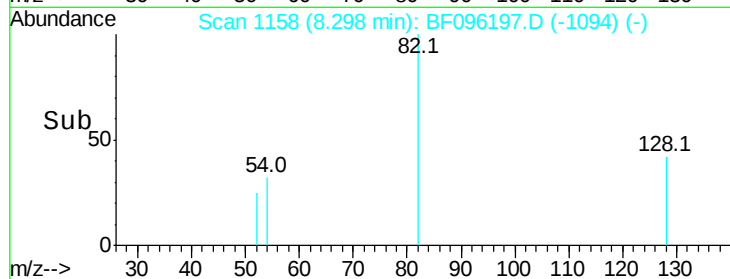
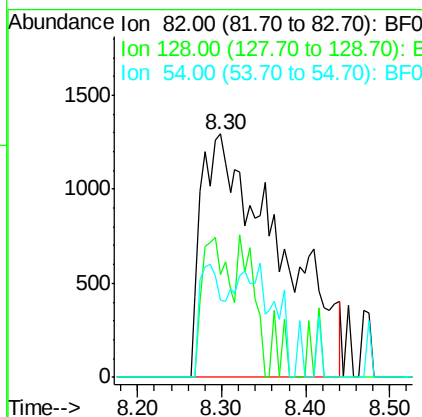
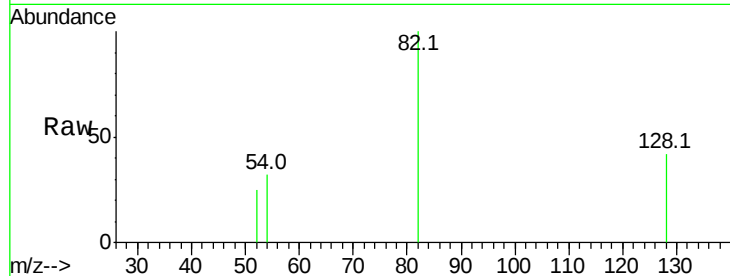
#23
Nitrobenzene-d5
Concen: 2.17 ng/ml
RT: 8.30 min Scan# 1158
Delta R.T. 0.08 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Instrument :
BNA_F
ClientSampleId :
G-35-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	31.7	42.2	63.2

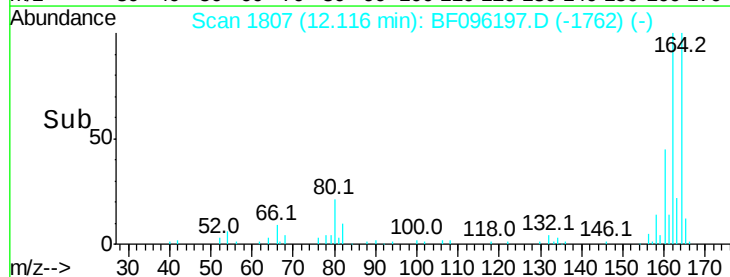
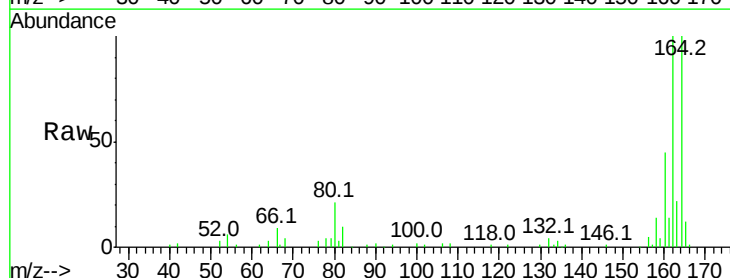
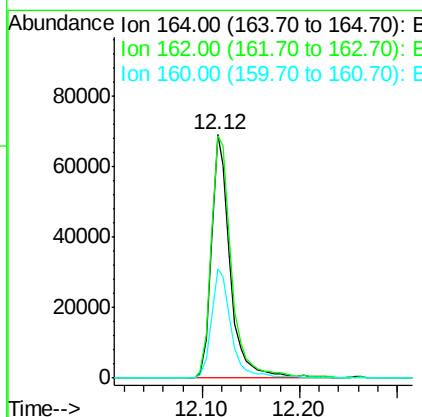
Manual Integrations
APPROVED

mohammad
6/29/2017 3:45:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	44.8	36.2	54.2





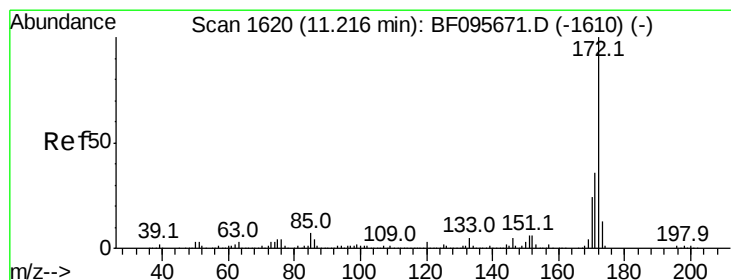
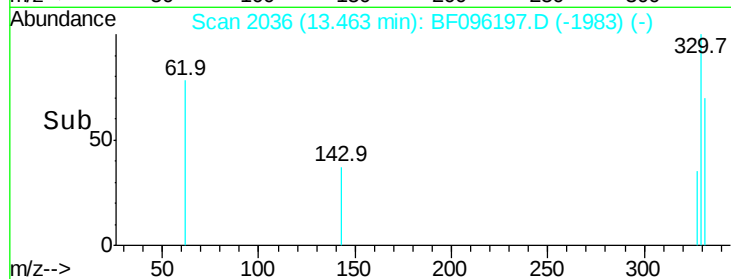
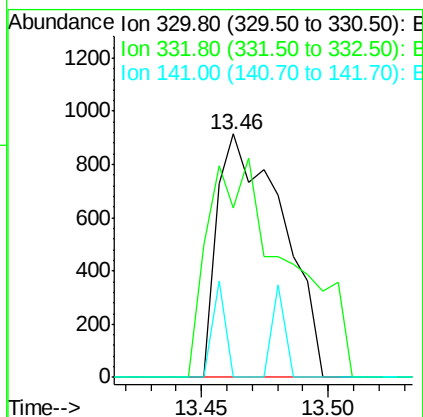
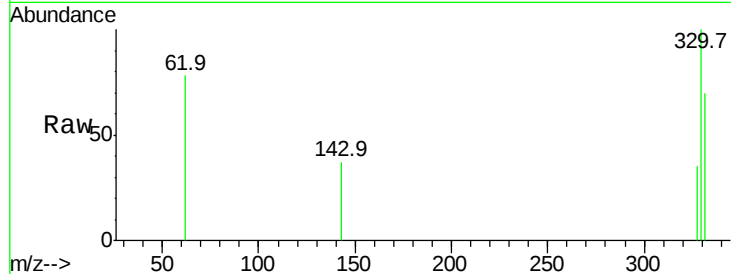
#41
 2,4,6-Tribromophenol
 Concen: 2.03 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 G-35-1.5-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	111.0	76.6	115.0
141	7.7	31.4	47.2#

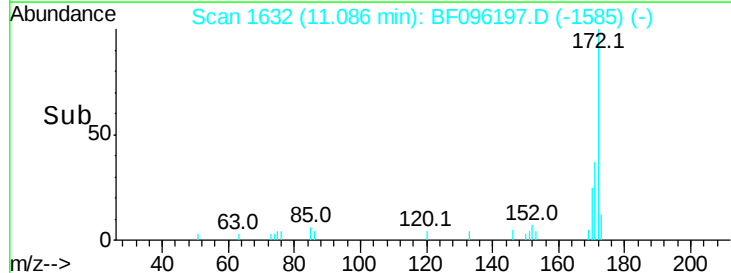
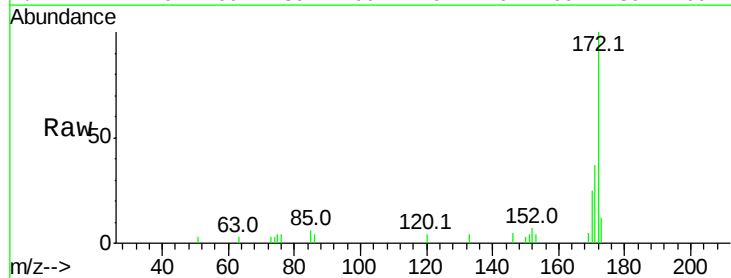
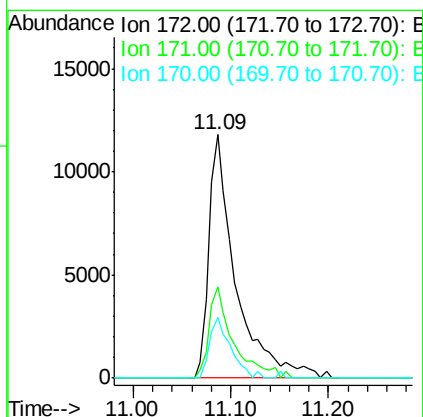
Manual Integrations
 APPROVED

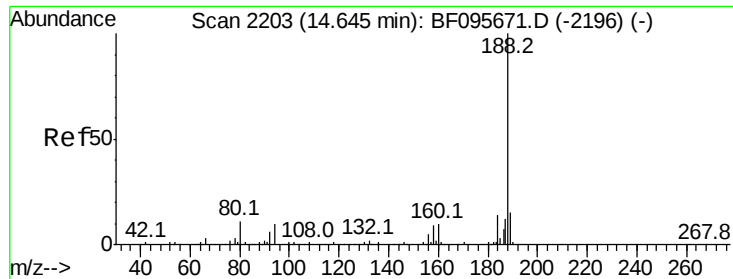
mohammad
 6/29/2017 3:45:03 PM



#44
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	25.1	19.8	29.8





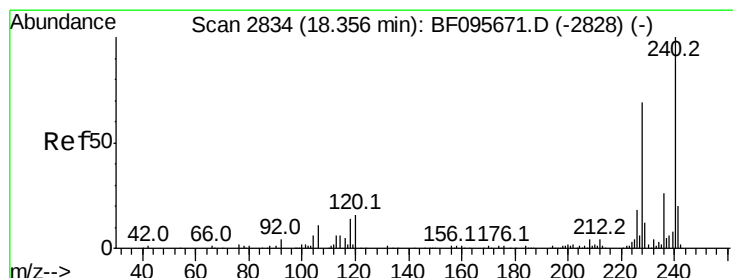
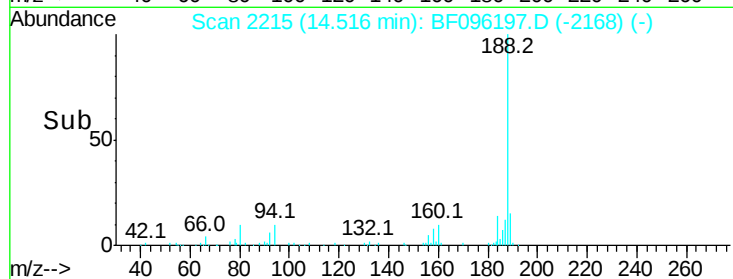
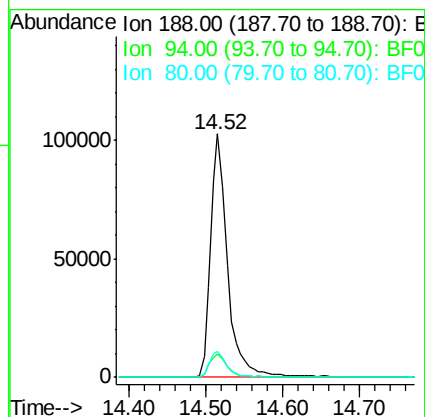
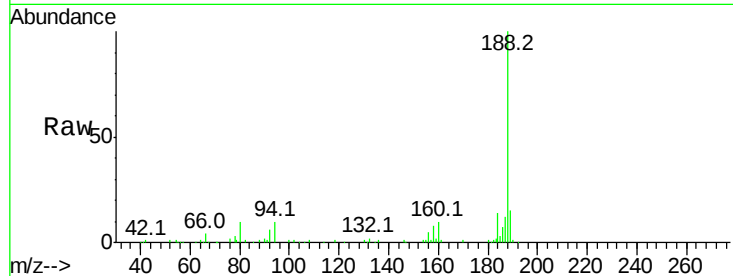
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Instrument :
BNA_F
ClientSampleId :
G-35-1.5-3

Tot Ion:	188	Resp:	155151
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.4	14.2
80	10.4	10.2	15.2

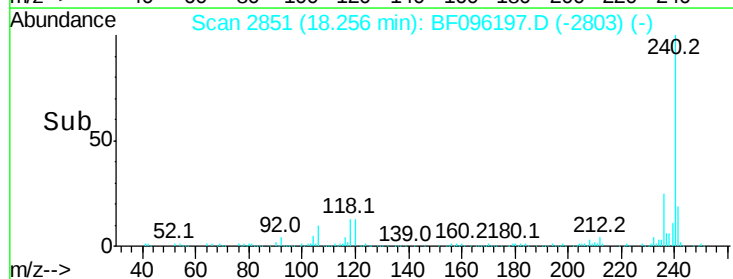
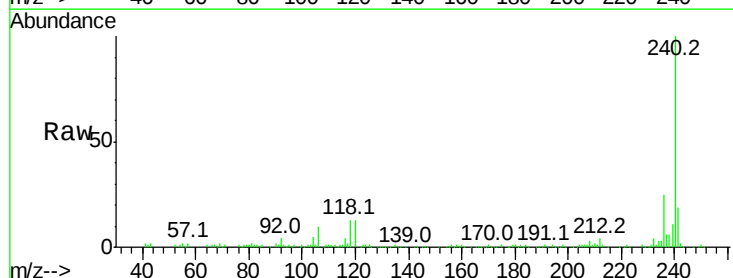
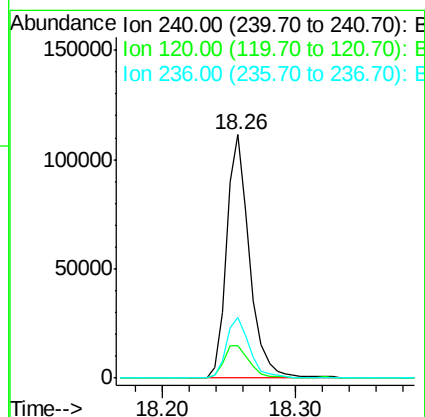
Manual Integrations
APPROVED

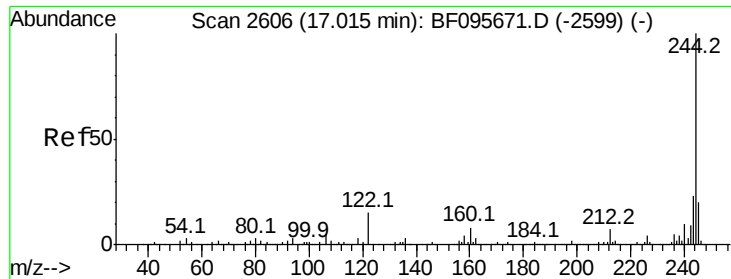
mohammad
6/29/2017 3:45:03 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Tgt Ion:	240	Resp:	134282
Ion Ratio	Lower	Upper	
240	100		
120	13.4	5.8	8.8#
236	24.8	20.5	30.7





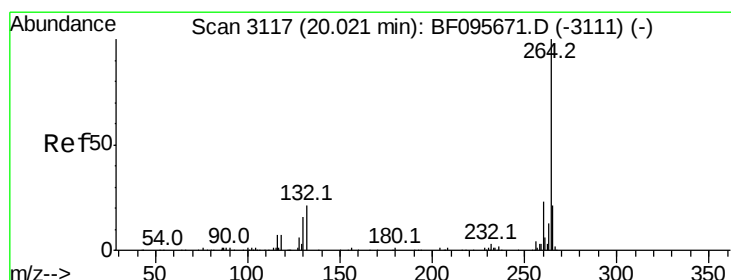
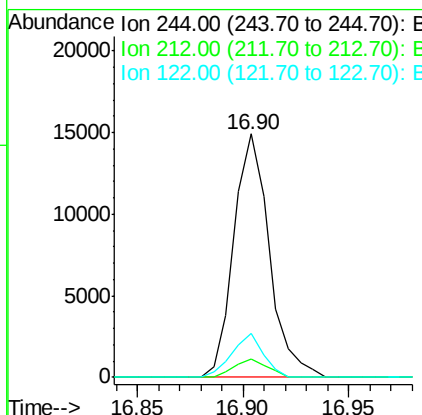
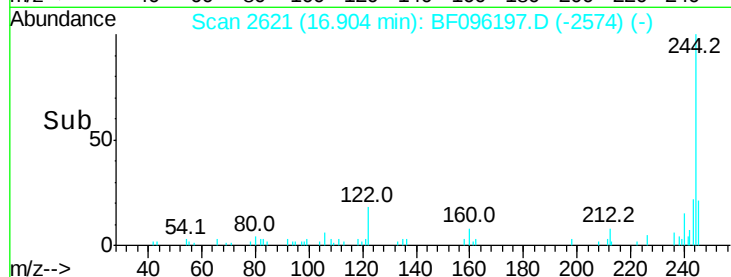
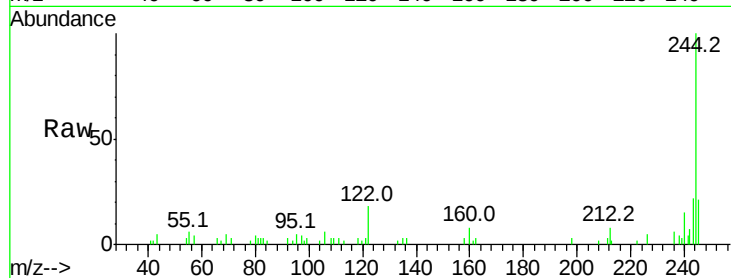
#78
 Terphenyl-d14
 Concen: 3.21 ng
 RT: 16.90 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 G-35-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	18.0	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 6/29/2017 3:45:03 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.3	17.2	25.8

