

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095249.D
 Acq On : 19 May 2017 6:12
 Operator : SJ/MA
 Sample : I3186-07 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Manual Integrations
 APPROVED

mohammad
 5/19/2017 3:40:21 PM

Quant Time: May 19 06:59:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84950	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	398715	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	190965	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	334007	20.00	ng	0.00
75) Chrysene-d12	18.70	240	207050	20.00	ng	0.00
86) Perylene-d12	20.38	264	149851	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	35501m	6.97	ng	0.11
7) Phenol-d6	7.40	99	36734	6.01	ng	0.09
23) Nitrobenzene-d5	8.74	82	28359m	4.49	ng	0.07
41) 2,4,6-Tribromophenol	13.96	330	11189	7.15	ng	0.04
44) 2-Fluorobiphenyl	11.58	172	83794	6.32	ng	0.02
78) Terphenyl-d14	17.35	244	61209	6.51	ng	0.00

Target Compounds Qvalue

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

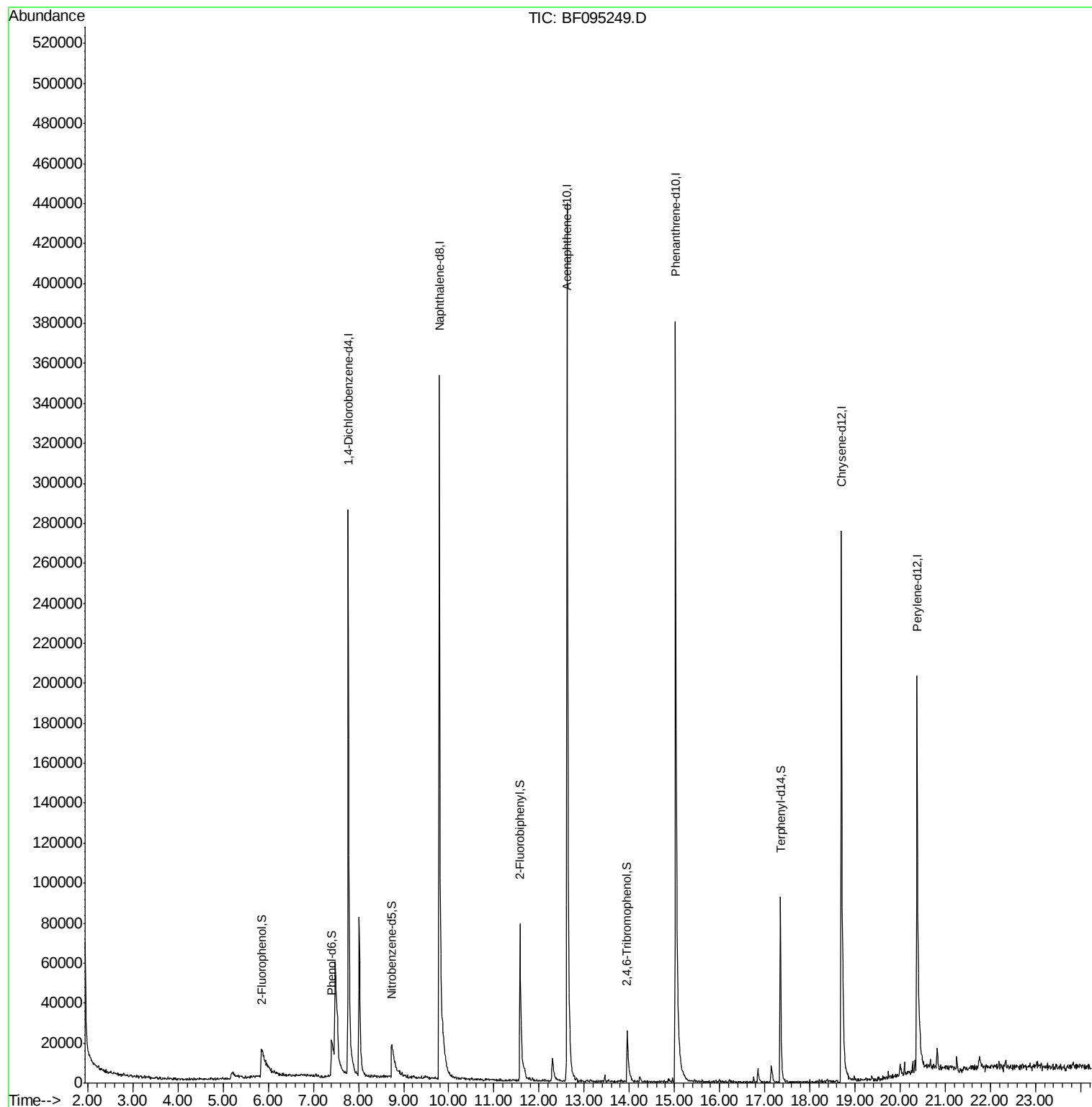
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095249.D
Acq On : 19 May 2017 6:12
Operator : SJ/MA
Sample : I3186-07 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

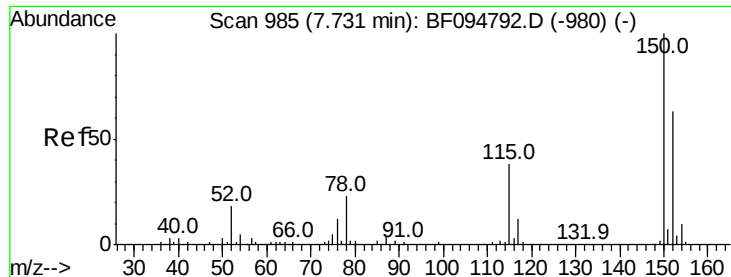
Instrument :
BNA_F
ClientSampleId :
E2-R3-NSW

Manual Integrations
APPROVED

mohammad
5/19/2017 3:40:21 PM

Quant Time: May 19 06:59:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration





#1

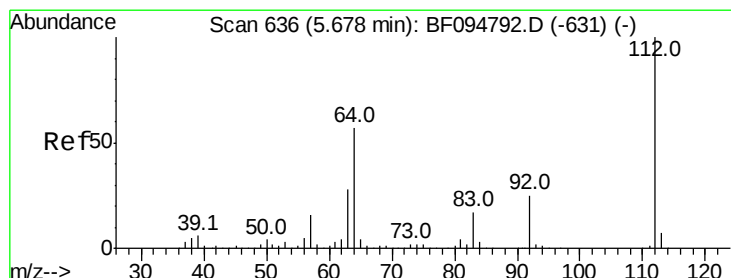
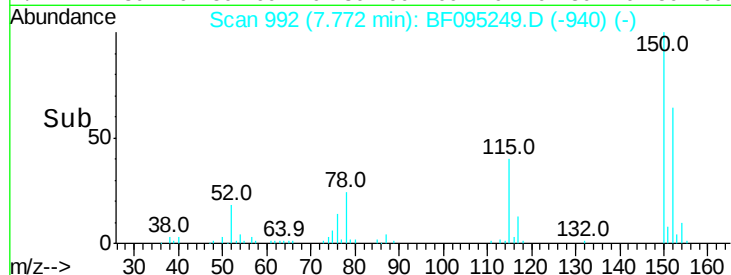
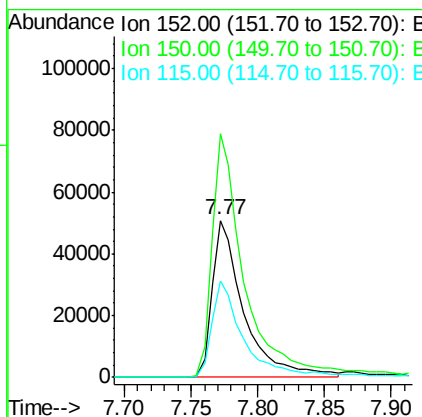
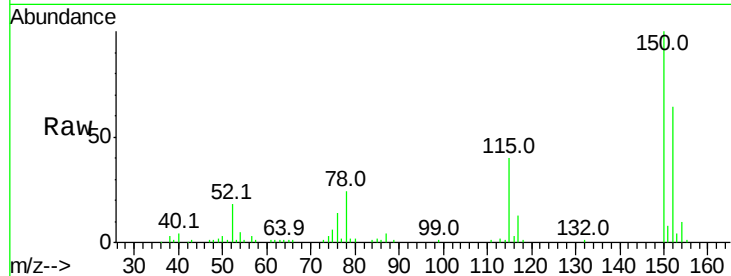
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	61.6	52.2	78.2

Manual Integrations
 APPROVED

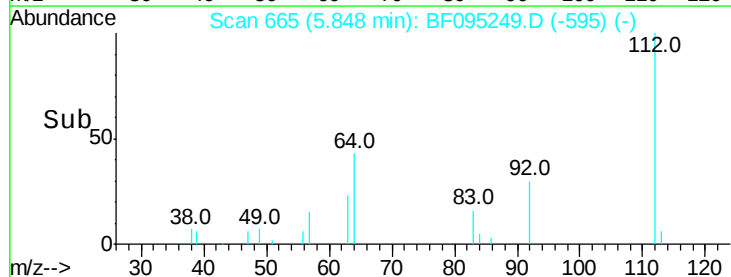
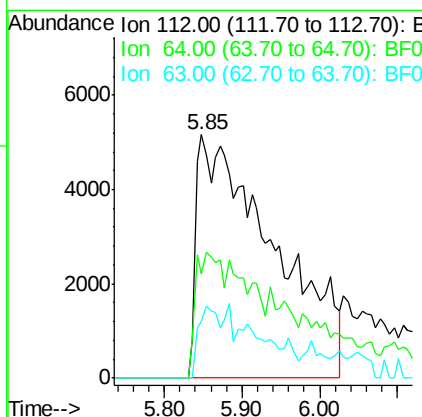
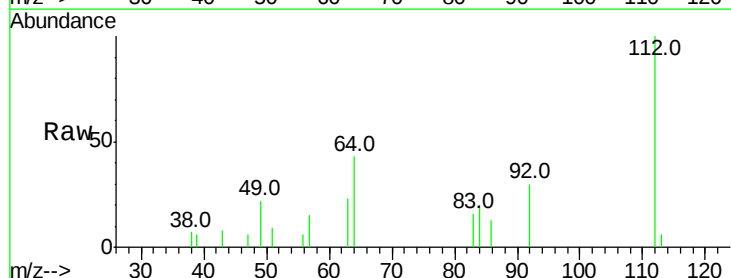
mohammad
 5/19/2017 3:40:21 PM



#5

2-Fluorophenol
 Concen: 6.97 ng m
 RT: 5.85 min Scan# 665
 Delta R.T. 0.11 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	46.0	69.0#
63	23.3	23.4	35.0#





#7

Phenol-d6

Concen: 6.01 ng

RT: 7.40 min Scan# 929

Delta R.T. 0.09 min

Lab File: BF095249.D

Acq: 19 May 2017 6:12

Instrument :

BNA_F

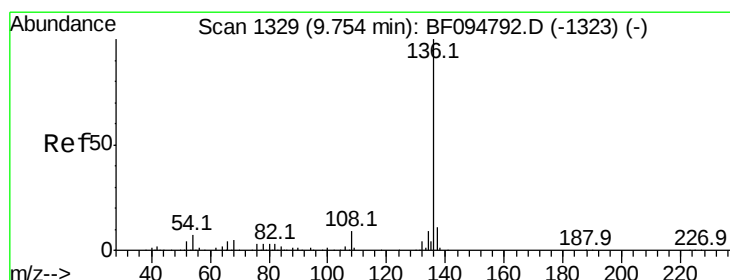
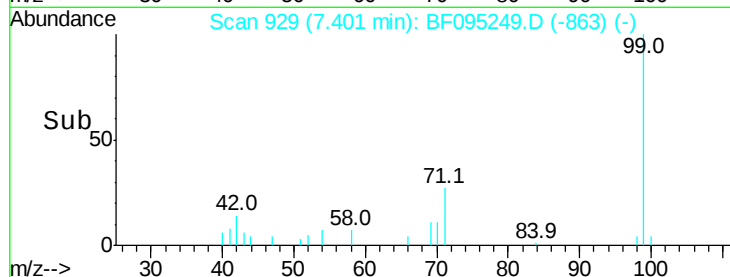
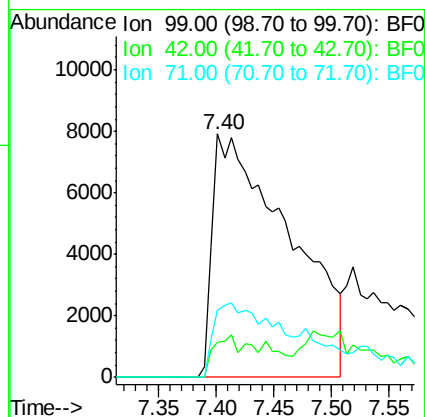
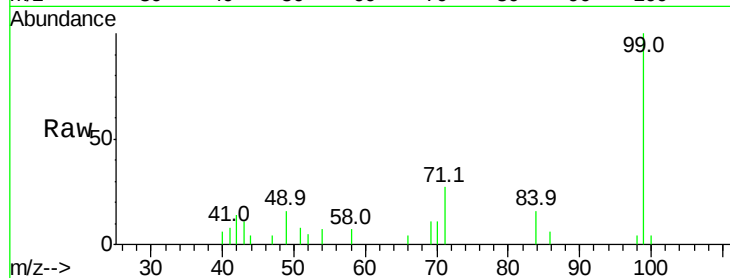
ClientSampleId :

E2-R3-NSW

Tot Ion:	99	Resp:	36734
Ion Ratio	Lower	Upper	
99	100		
42	14.5	13.5	20.3
71	27.2	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/19/2017 3:40:21 PM



#21

Naphthalene-d8

Concen: 20.00 ng

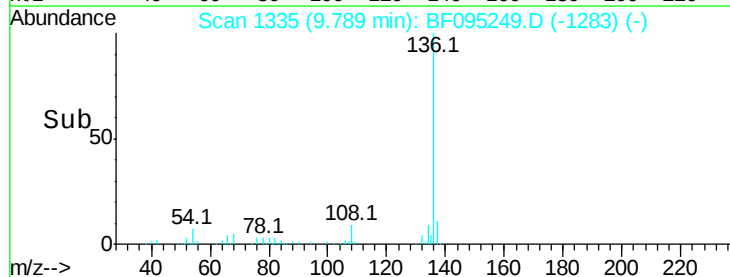
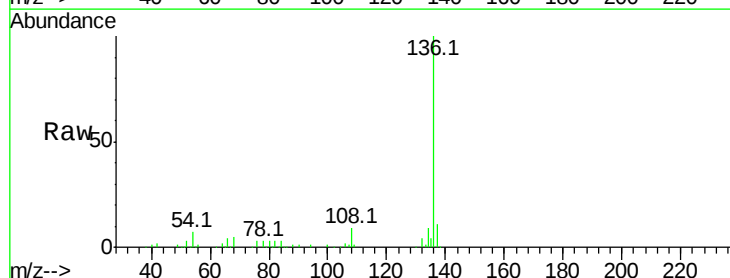
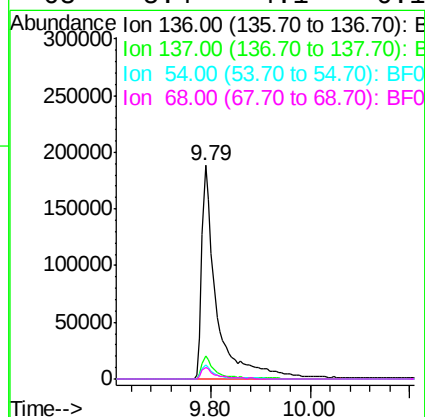
RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095249.D

Acq: 19 May 2017 6:12

Tgt Ion:	136	Resp:	398715
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1





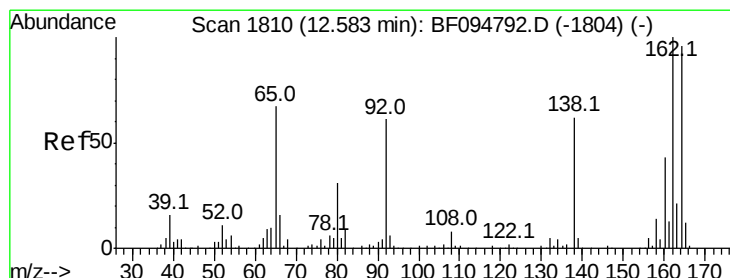
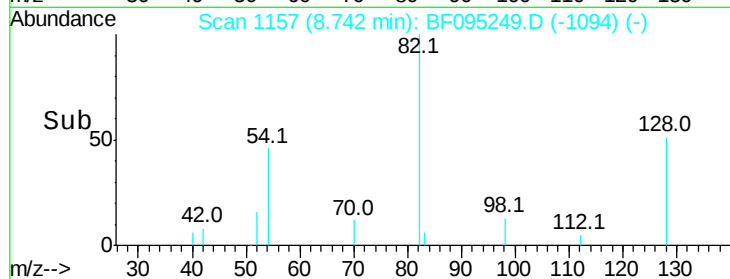
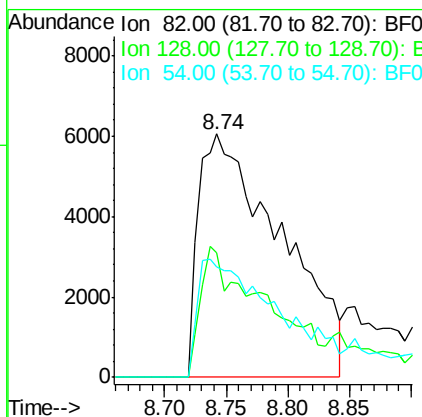
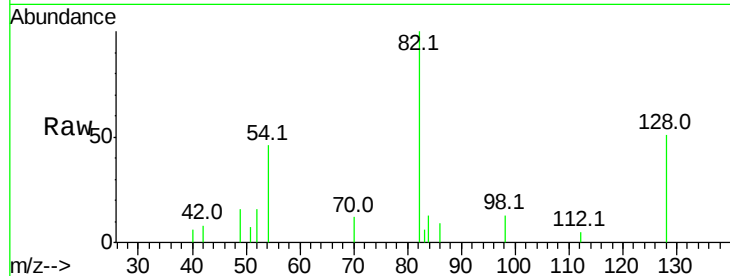
#23
 Nitrobenzene-d5
 Concen: 4.49 ng/ml
 RT: 8.74 min Scan# 1157
 Delta R.T. 0.07 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.4	34.0	51.0
54	45.5	42.2	63.2

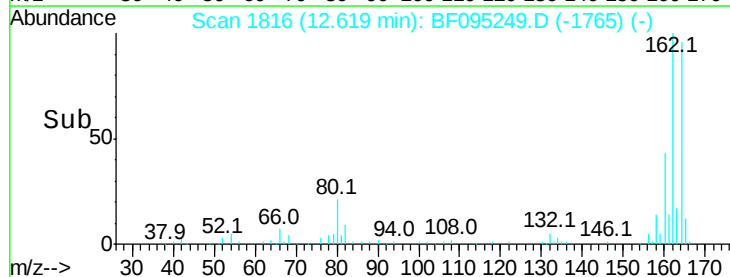
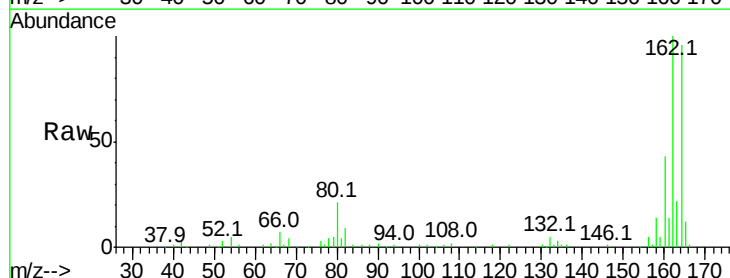
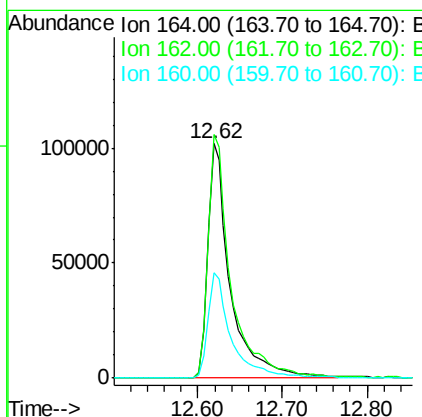
Manual Integrations
 APPROVED

mohammad
 5/19/2017 3:40:21 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.0	36.2	54.2





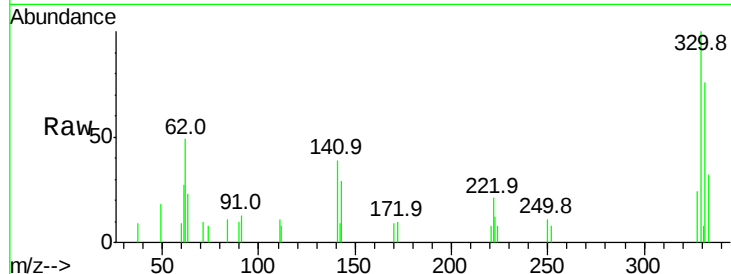
#41
 2,4,6-Tribromophenol
 Concen: 7.15 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.04 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

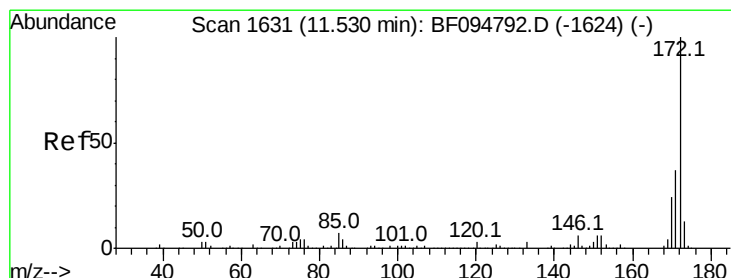
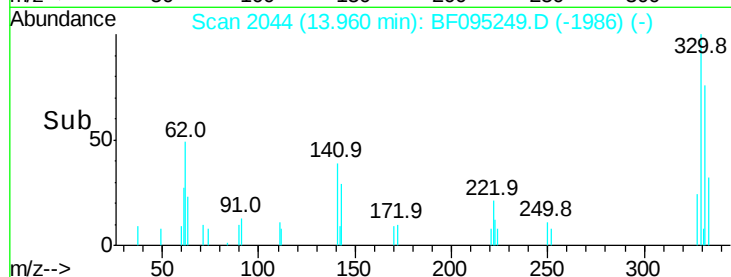
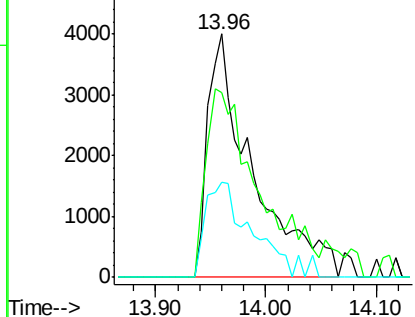
Tot Ion	Ratio	Resp	Lower	Upper
330	100	11189		
332	80.4	76.6	115.0	
141	38.9	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 5/19/2017 3:40:21 PM

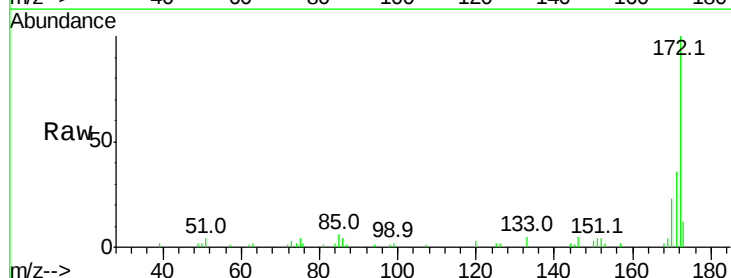


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

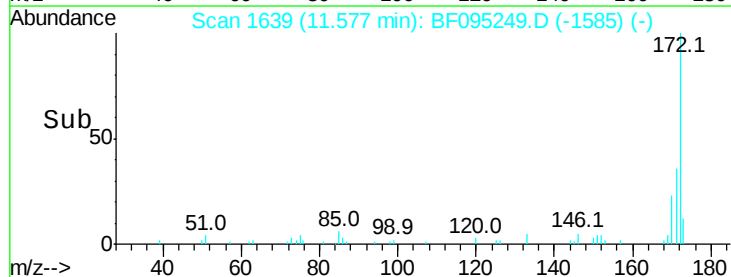
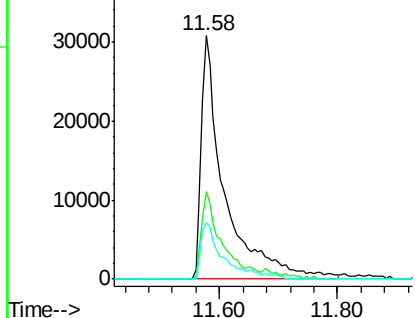


#44
 2-Fluorobiphenyl
 Concen: 6.32 ng
 RT: 11.58 min Scan# 1639
 Delta R.T. 0.02 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	83794		
171	36.0	29.6	44.4	
170	23.5	19.8	29.8	



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





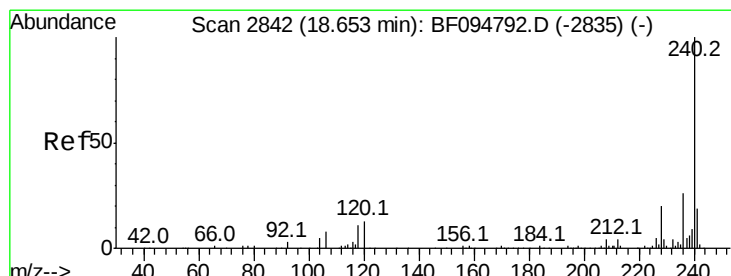
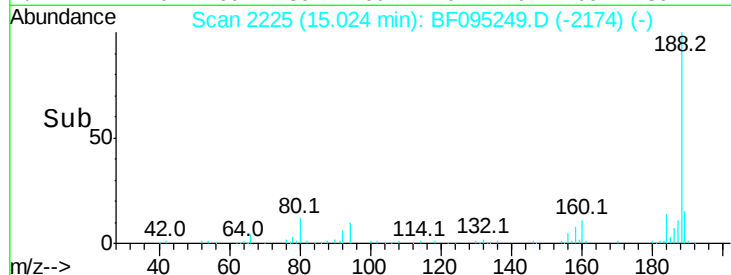
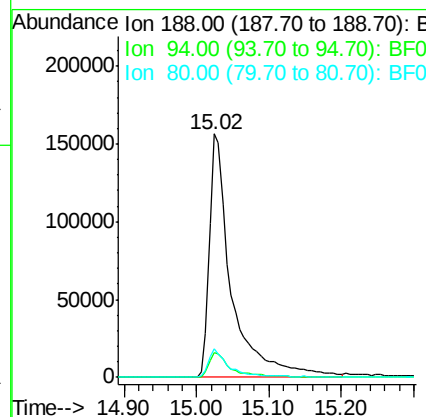
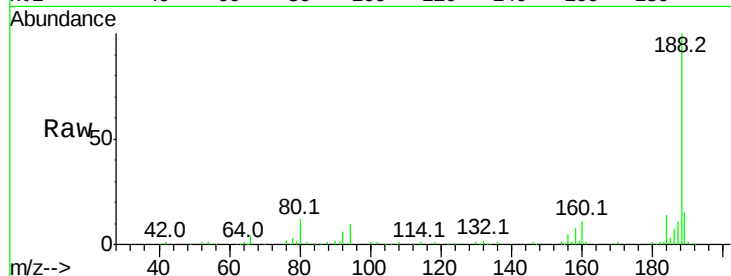
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	334007		
94	10.4		9.4	14.2
80	11.6		10.2	15.2

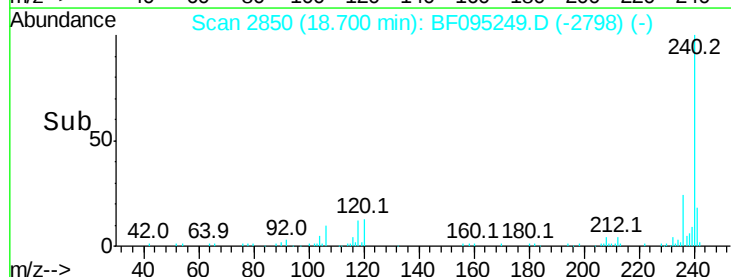
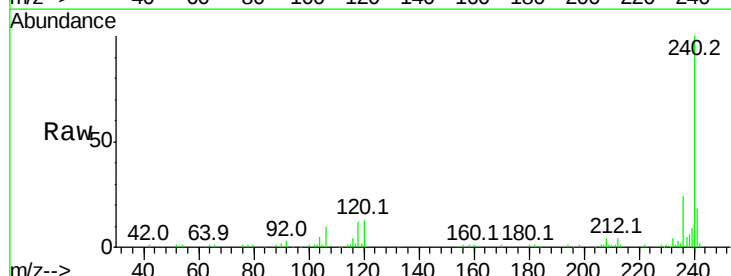
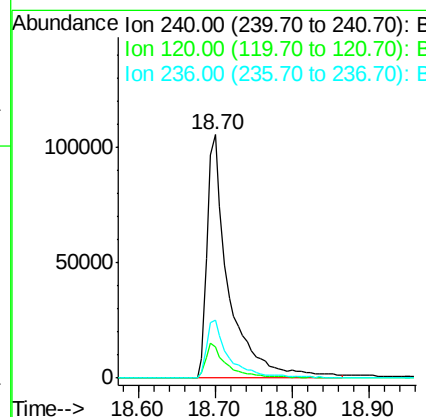
Manual Integrations
 APPROVED

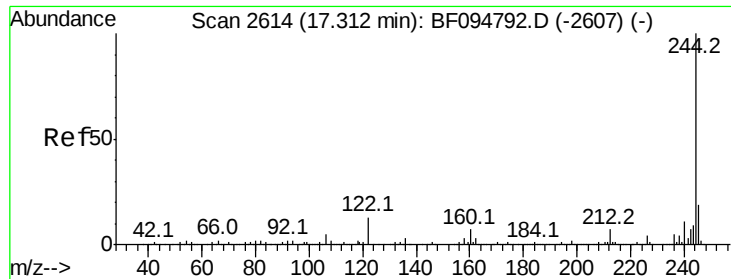
mohammad
 5/19/2017 3:40:21 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.01 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	207050		
120	12.8		5.8	8.8#
236	23.6		20.5	30.7





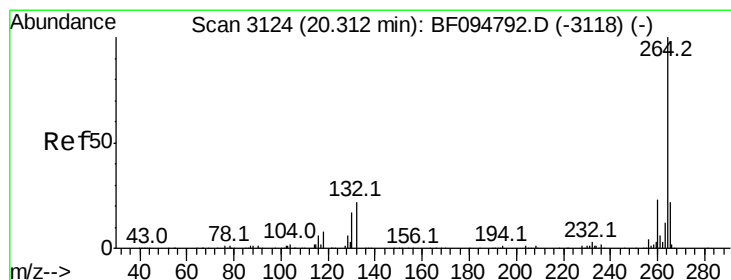
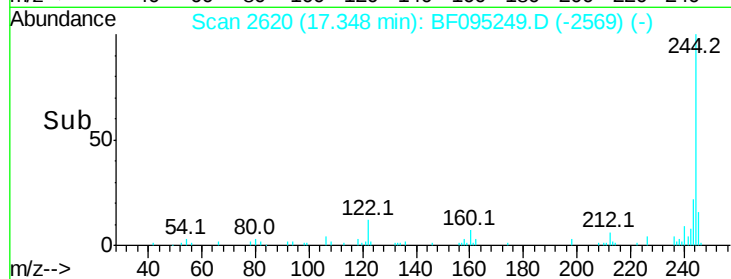
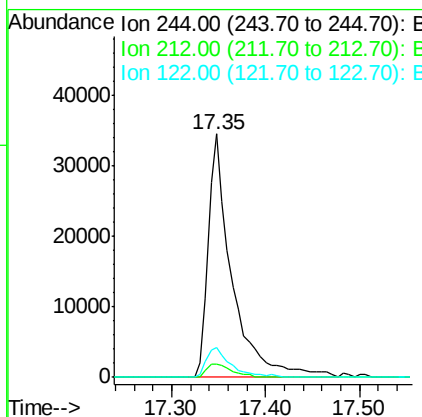
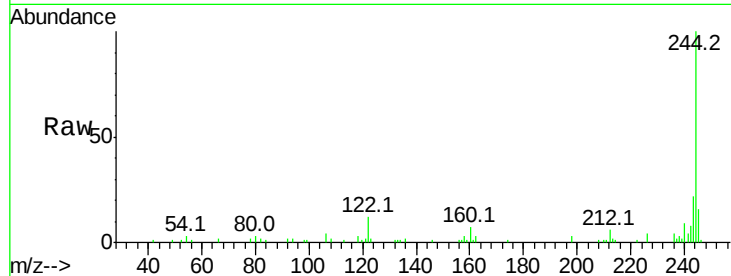
#78
 Terphenyl-d14
 Concen: 6.51 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-NSW

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.6	6.0	9.0#
122	12.1	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 5/19/2017 3:40:21 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095249.D
 Acq: 19 May 2017 6:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	21.8	17.2	25.8

