

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096049.D
 Acq On : 20 Jun 2017 17:31
 Operator : SJ/MA
 Sample : I3697-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-A

Manual Integrations
 APPROVED

mohammad
 6/21/2017 2:16:34 PM

Quant Time: Jun 20 18:10:28 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	7.29	152	74332	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	296018	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	116875	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	177739	20.00	ng	0.00
75) Chrysene-d12	18.27	240	150039	20.00	ng	0.00
86) Perylene-d12	19.94	264	116149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	35364m	7.58	ng	0.08
7) Phenol-d6	6.92	99	66037	11.82	ng	0.04
23) Nitrobenzene-d5	8.23	82	37101	7.78	ng	0.01
41) 2,4,6-Tribromophenol	13.49	330	1144	1.11	ng	0.04
44) 2-Fluorobiphenyl	11.10	172	84250	10.03	ng	0.00
78) Terphenyl-d14	16.92	244	52827	8.74	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	14.57	178	52127	5.08	ng	95
74) Fluoranthene	16.37	202	71102	7.00	ng	96
77) Pyrene	16.67	202	60843	5.43	ng	# 94
80) Benzo(a)anthracene	18.26	228	29459	3.38	ng	96
82) Chrysene	18.30	228	28838	3.31	ng	97
87) Benzo(b)fluoranthene	19.54	252	25609m	3.52	ng	
89) Benzo(a)pyrene	19.89	252	17075	2.55	ng	# 88

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

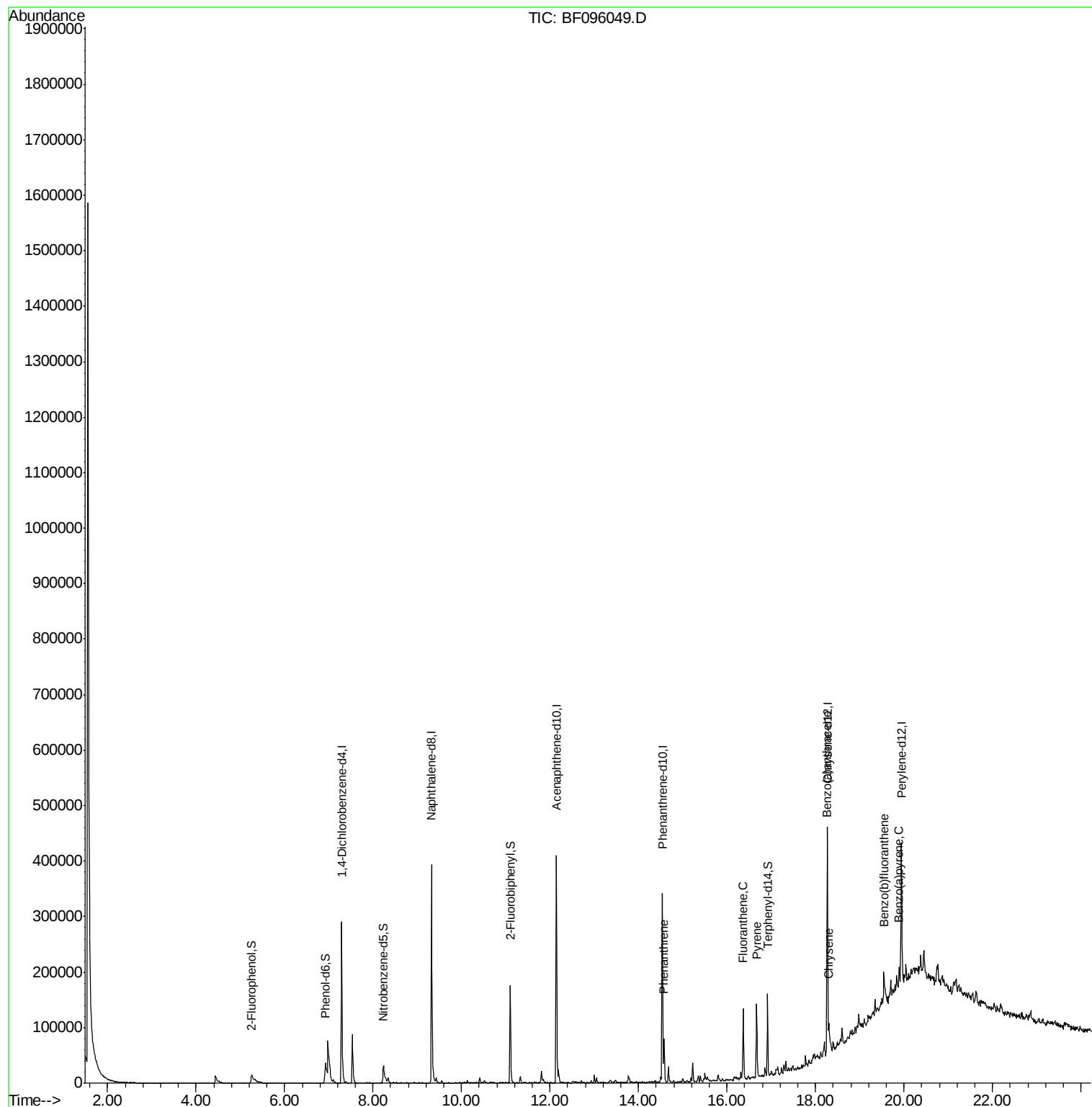
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096049.D
Acq On : 20 Jun 2017 17:31
Operator : SJ/MA
Sample : I3697-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

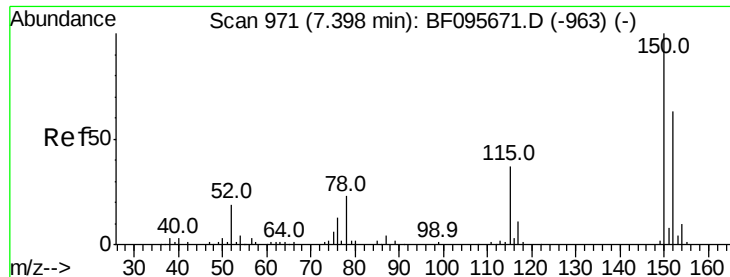
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-A

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:34 PM

Quant Time: Jun 20 18:10:28 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

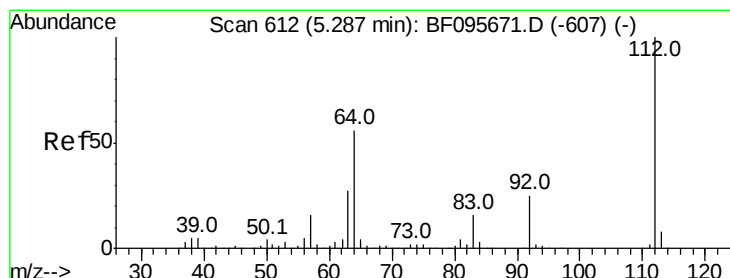
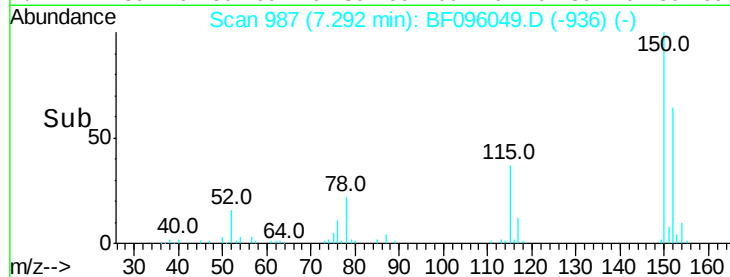
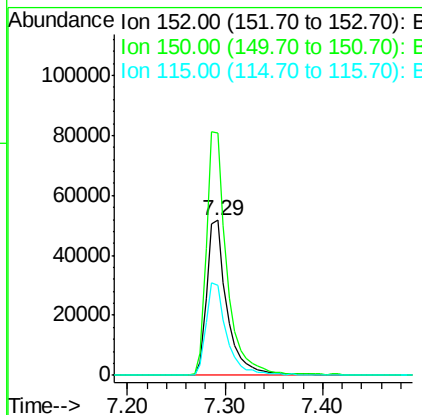
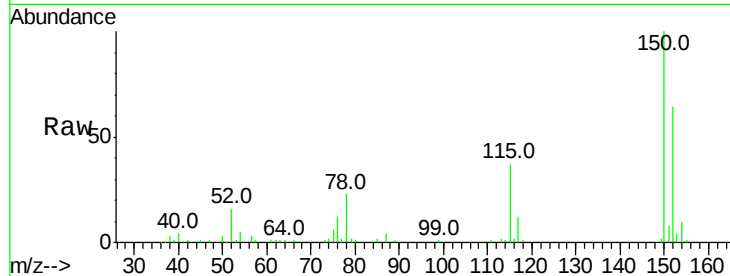
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	57.8	52.2	78.2

Manual Integrations
APPROVED

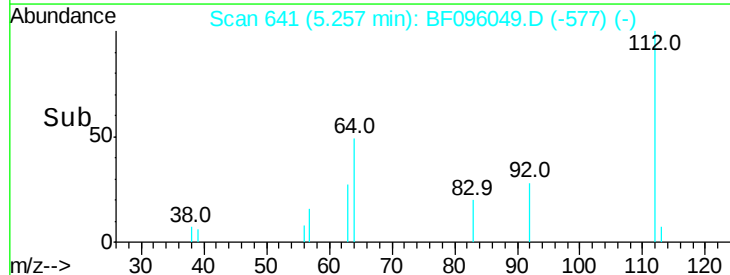
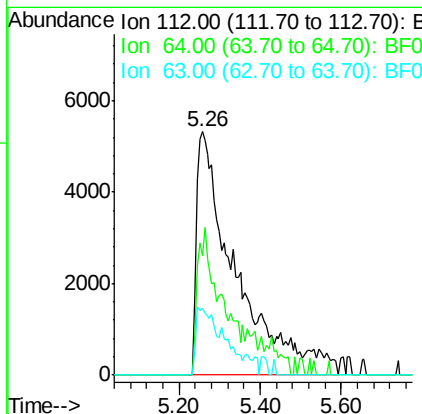
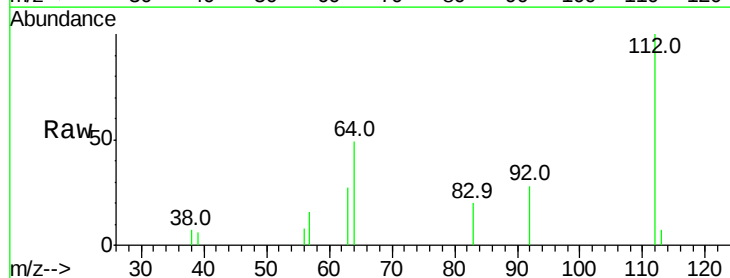
mohammad
6/21/2017 2:16:34 PM



#5

2-Fluorophenol
Concen: 7.58 ng m
RT: 5.26 min Scan# 641
Delta R.T. 0.08 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	46.0	69.0
63	27.4	23.4	35.0





#7

Phenol-d6

Concen: 11.82 ng

RT: 6.92 min Scan# 923

Delta R.T. 0.04 min

Lab File: BF096049.D

Acq: 20 Jun 2017 17:31

Instrument :

BNA_F

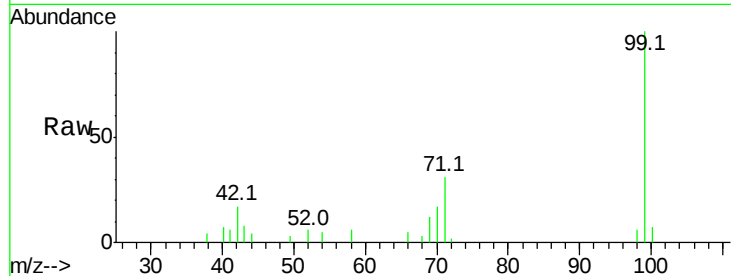
ClientSampleId :

FK-SF-02-001-A

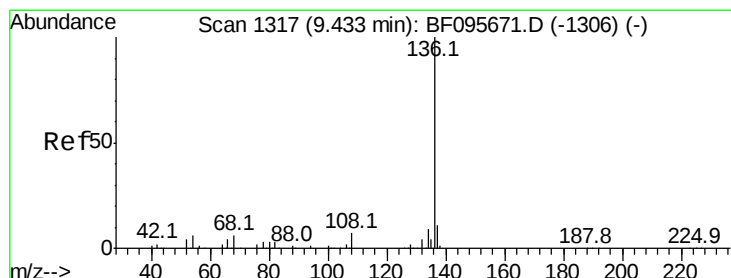
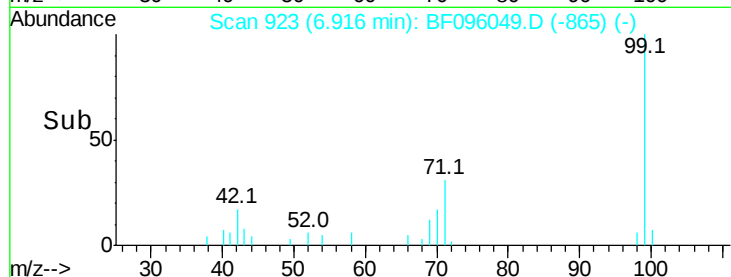
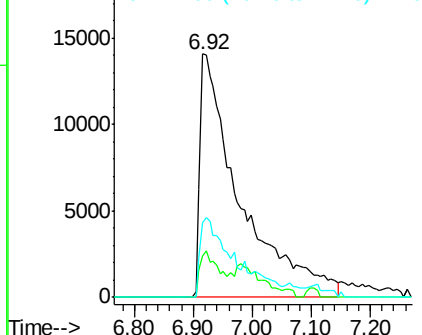
Tot Ion:	99	Resp:	66037
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.5	20.3
71	30.8	24.5	36.7

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:34 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: 9.32 min Scan# 1332

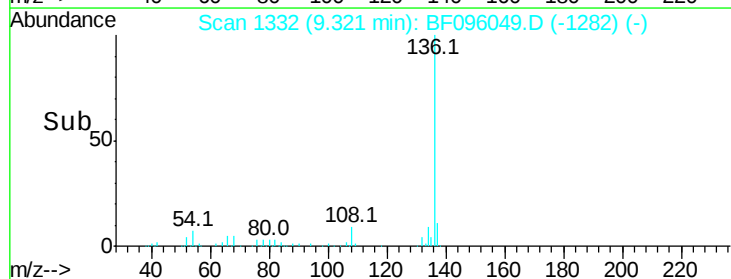
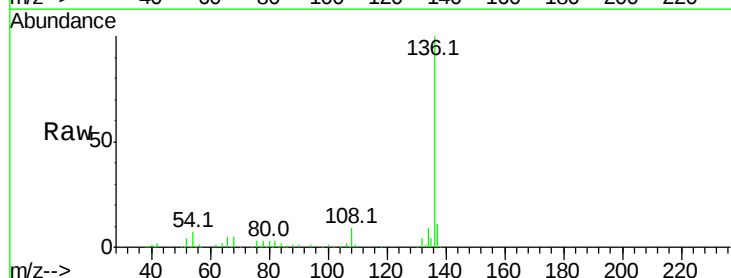
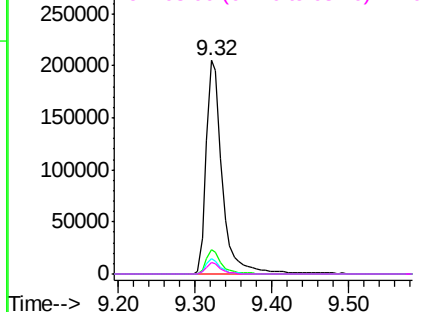
Delta R.T. -0.01 min

Lab File: BF096049.D

Acq: 20 Jun 2017 17:31

Tgt Ion:	136	Resp:	296018
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1

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





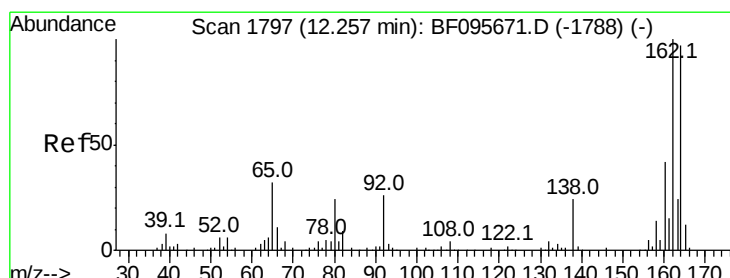
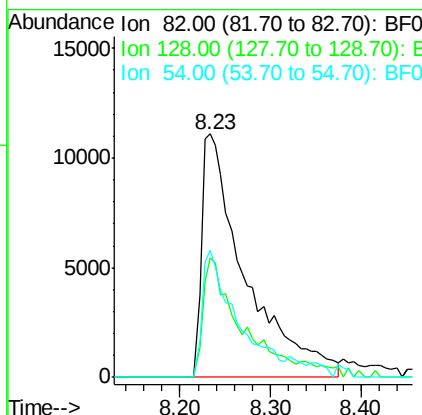
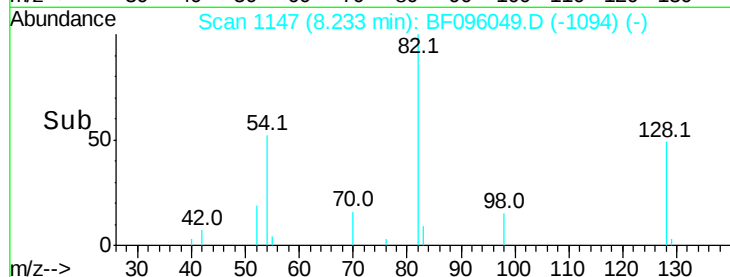
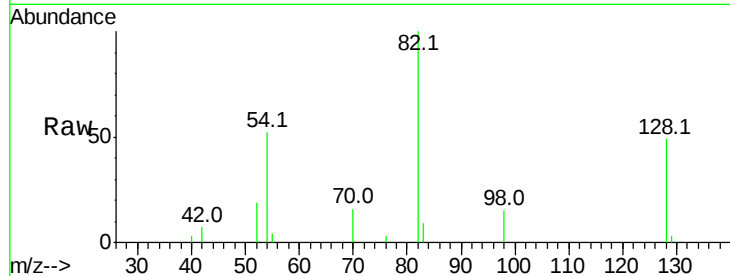
#23
 Nitrobenzene-d5
 Concen: 7.78 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF096049.D
 Acq: 20 Jun 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	52.0	42.2	63.2

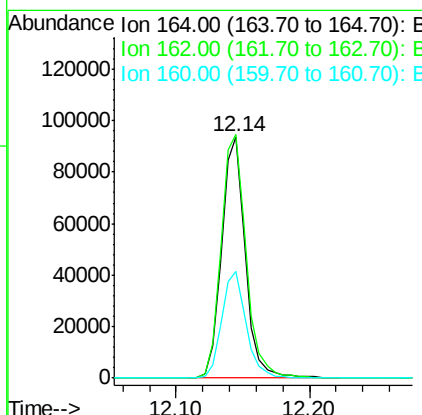
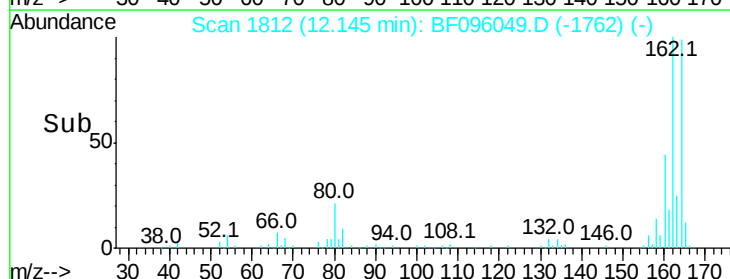
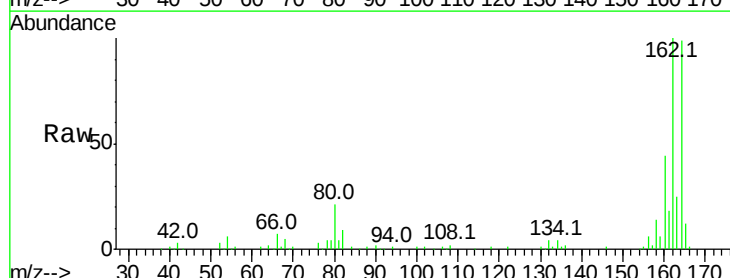
Manual Integrations
 APPROVED

mohammad
 6/21/2017 2:16:34 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096049.D
 Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.1	36.2	54.2





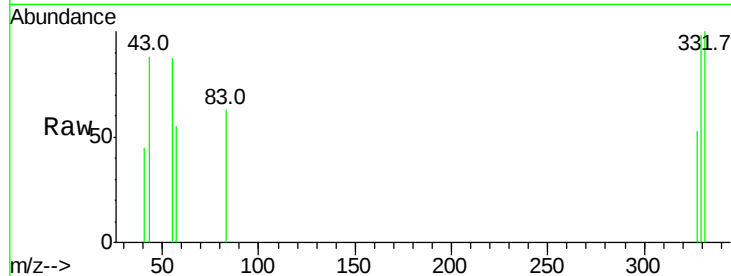
#41
 2,4,6-Tribromophenol
 Concen: 1.11 ng
 RT: 13.49 min Scan# 2040
 Delta R.T. 0.04 min
 Lab File: BF096049.D
 Acq: 20 Jun 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-A

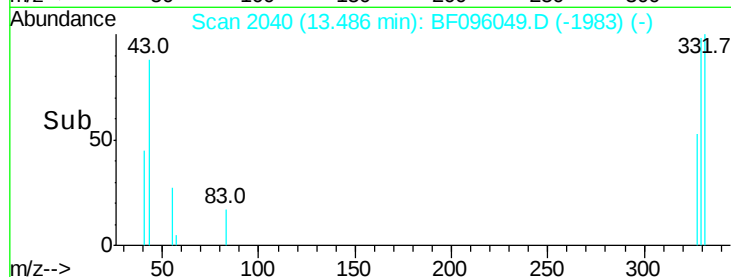
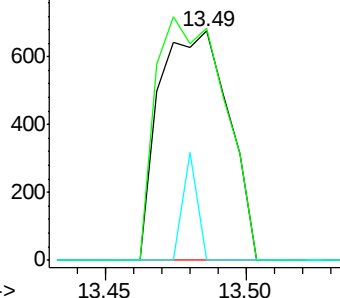
Tot Ion	Ratio	Lower	Upper
330	100		
332	105.3	76.6	115.0
141	9.8	31.4	47.2

Manual Integrations
 APPROVED

mohammad
 6/21/2017 2:16:34 PM



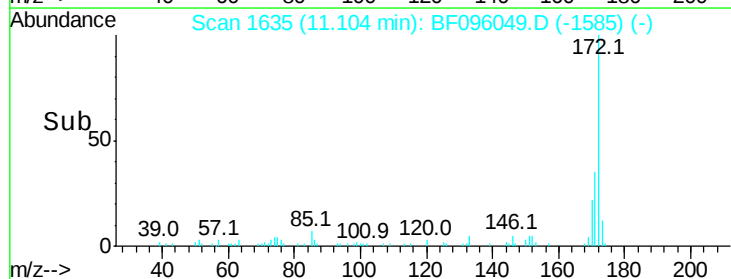
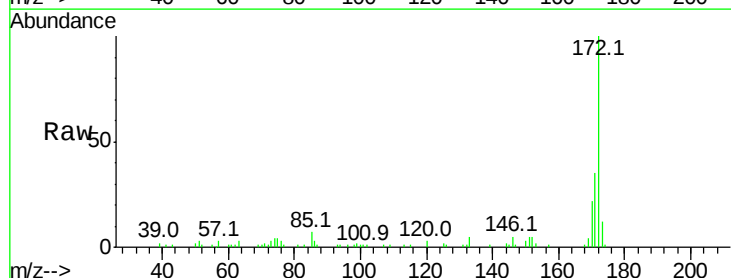
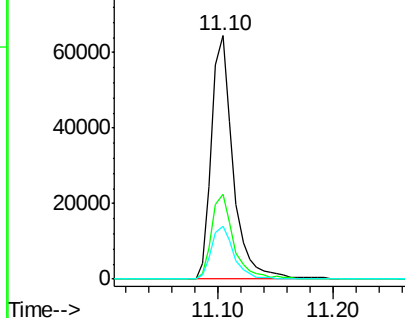
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

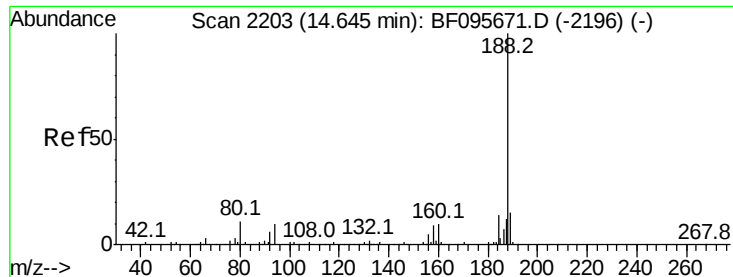


#44
 2-Fluorobiphenyl
 Concen: 10.03 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096049.D
 Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.0	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: 14.54 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF096049.D

Acq: 20 Jun 2017 17:31

Instrument :

BNA_F

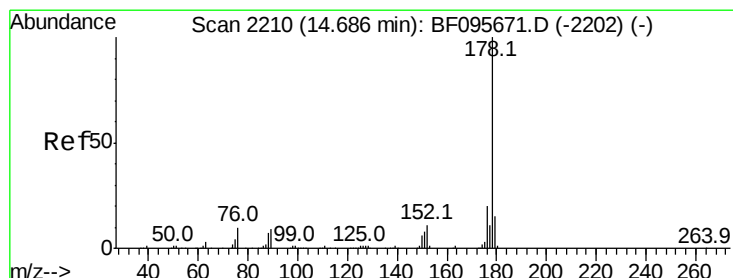
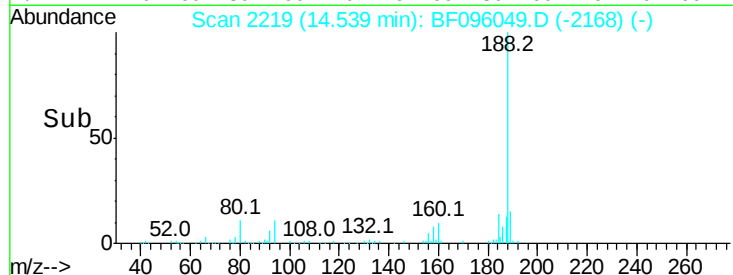
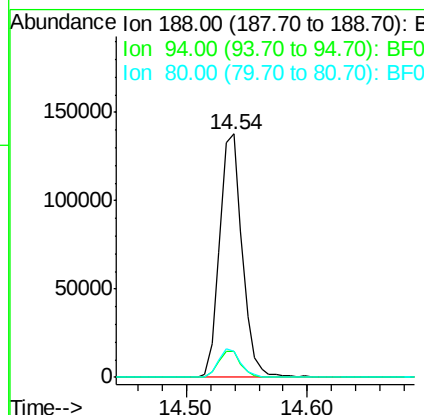
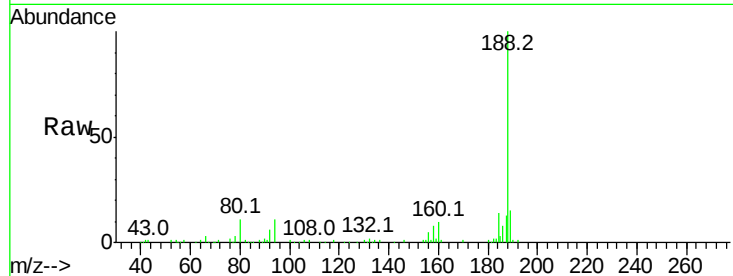
ClientSampleId :

FK-SF-02-001-A

Tot Ion:	188	Resp:	177739
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	10.6	10.2	15.2

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:34 PM



#70

Phenanthrene

Concen: 5.08 ng

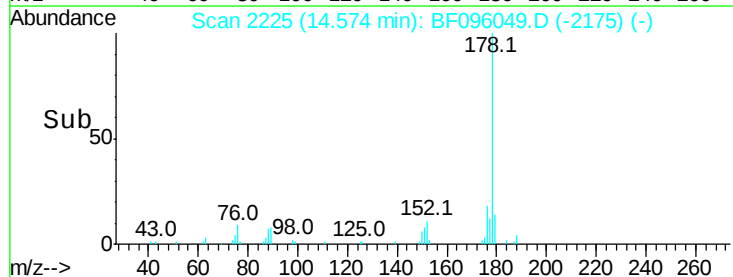
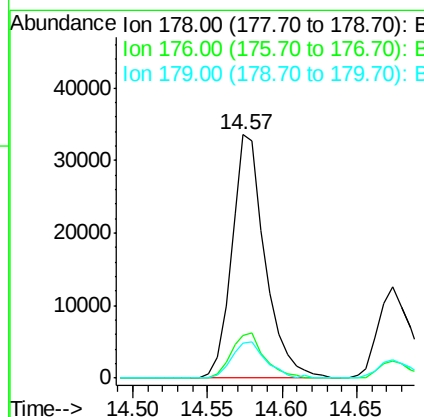
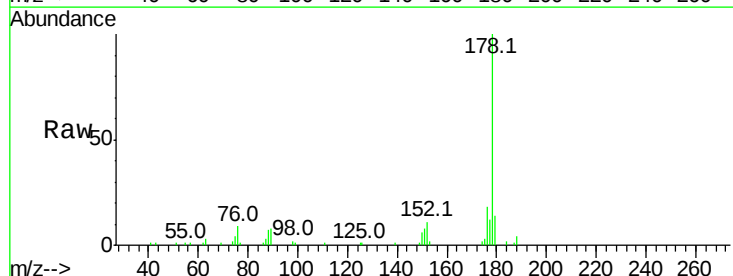
RT: 14.57 min Scan# 2225

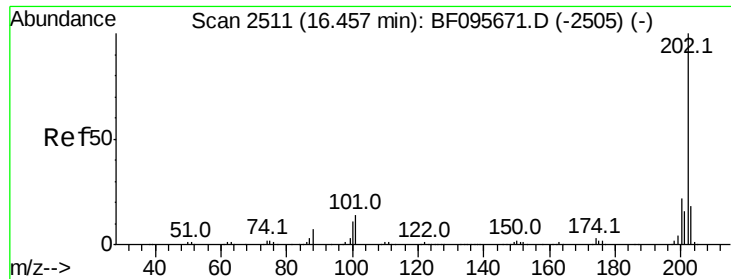
Delta R.T. -0.01 min

Lab File: BF096049.D

Acq: 20 Jun 2017 17:31

Tgt Ion:	178	Resp:	52127
Ion Ratio	Lower	Upper	
178	100		
176	17.8	16.2	24.4
179	14.4	12.6	19.0





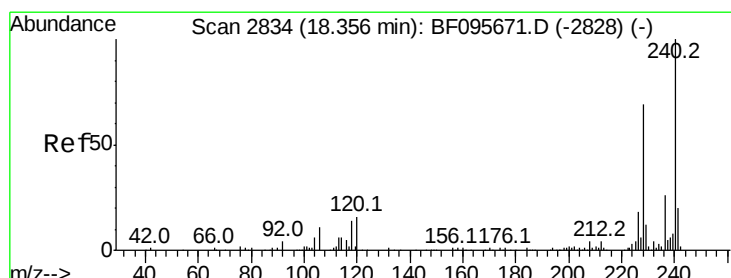
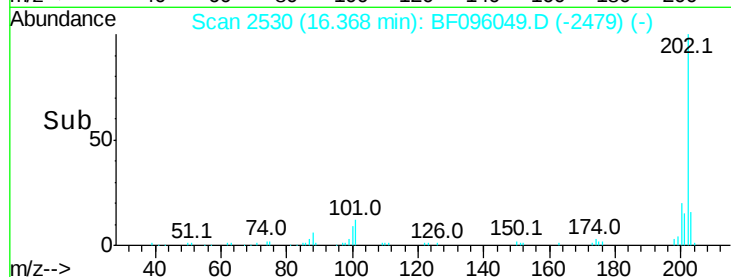
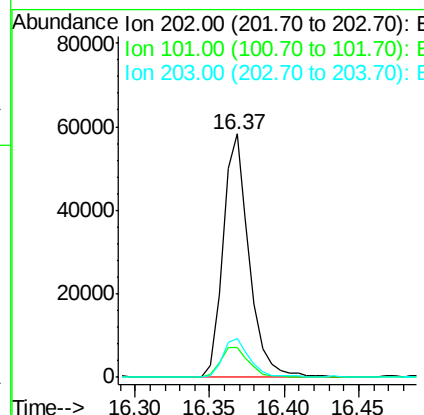
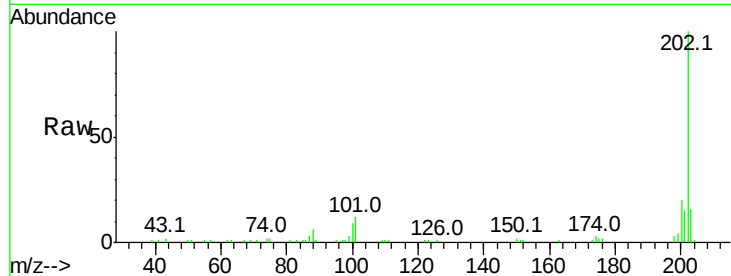
#74
Fluoranthene
 Concen: 7.00 ng
 RT: 16.37 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BF096049.D
 Acq: 20 Jun 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	33.2
203	16.2	0.0	38.1

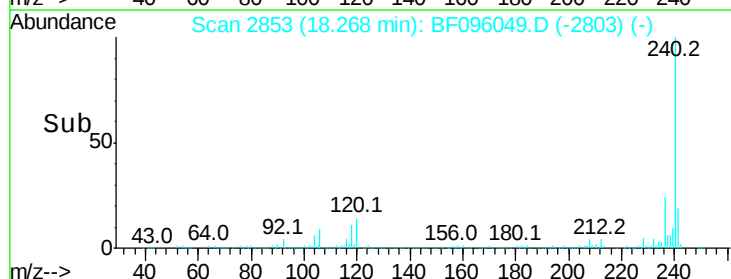
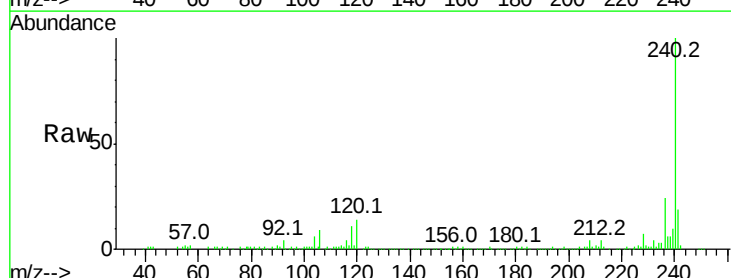
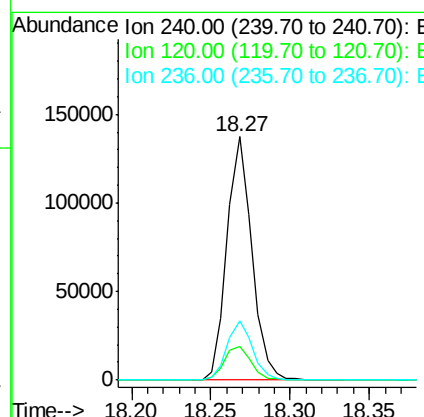
Manual Integrations
 APPROVED

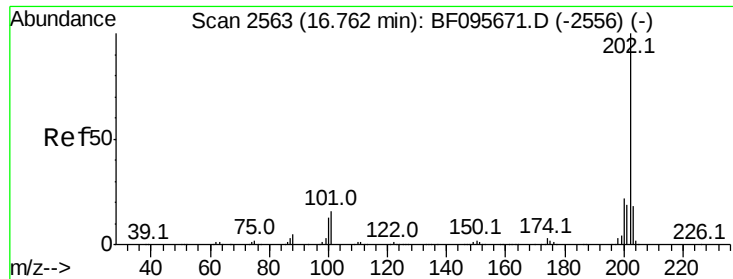
mohammad
 6/21/2017 2:16:34 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096049.D
 Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	24.5	20.5	30.7





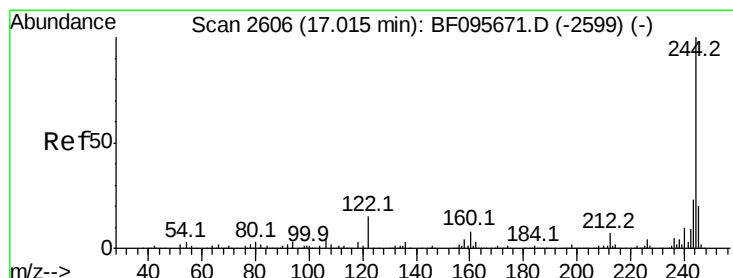
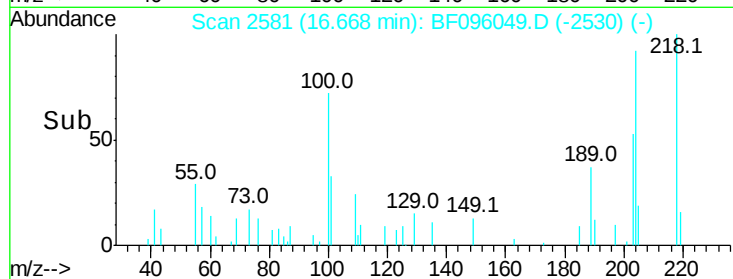
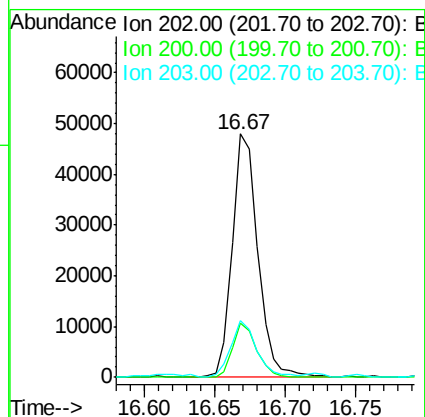
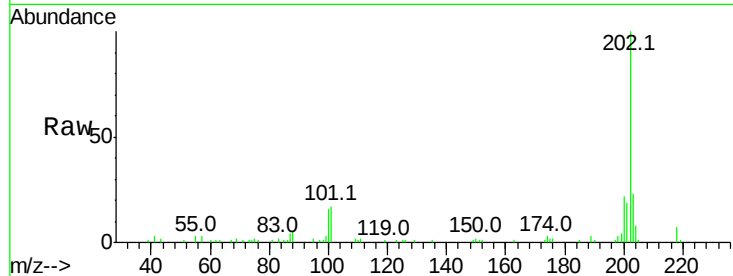
#77
Pvrene
Concen: 5.43 ng
RT: 16.67 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	23.3	14.4	21.6

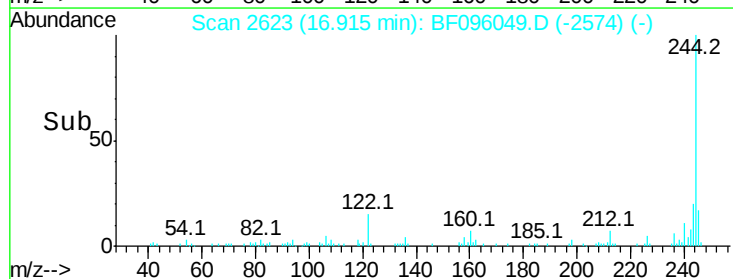
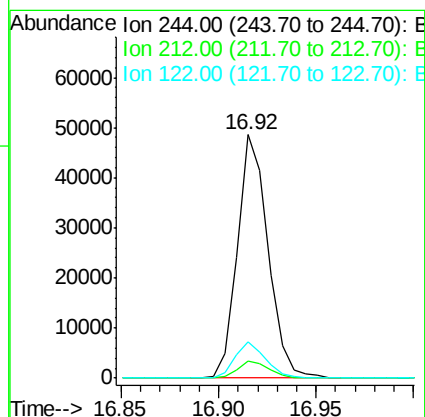
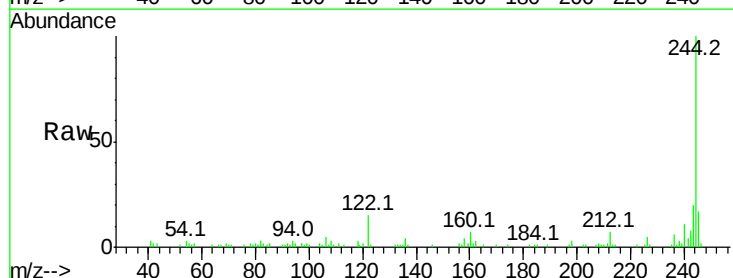
Manual Integrations
APPROVED

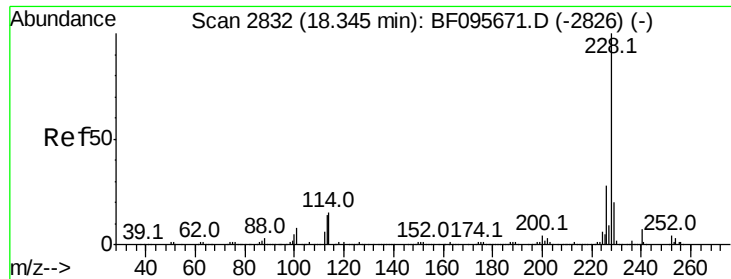
mohammad
6/21/2017 2:16:34 PM



#78
Terphenyl-d14
Concen: 8.74 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.1	10.3	15.5





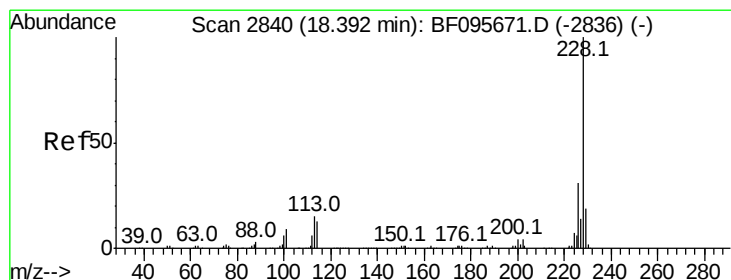
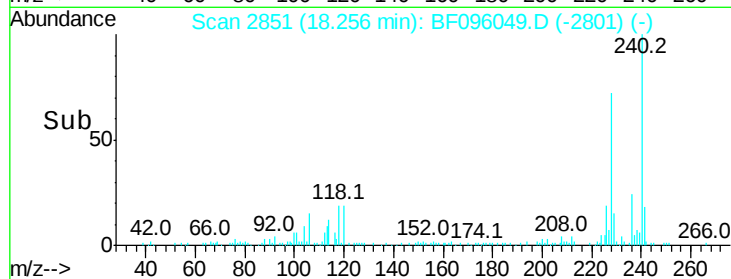
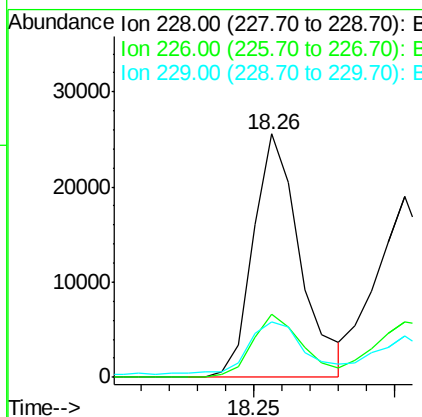
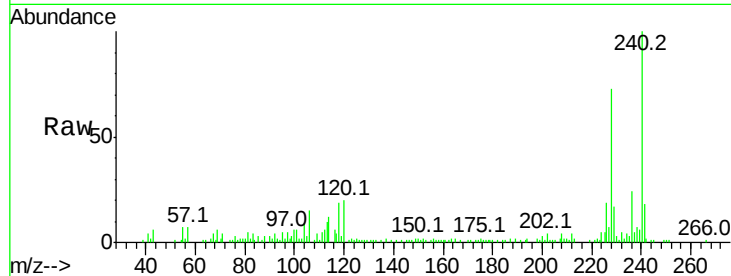
#80
Benzo(a)anthracene
Concen: 3.38 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	22.8	16.3	24.5

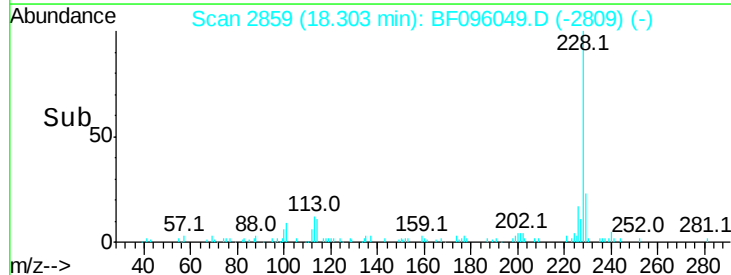
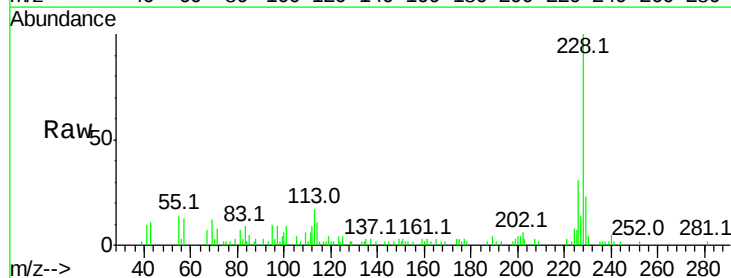
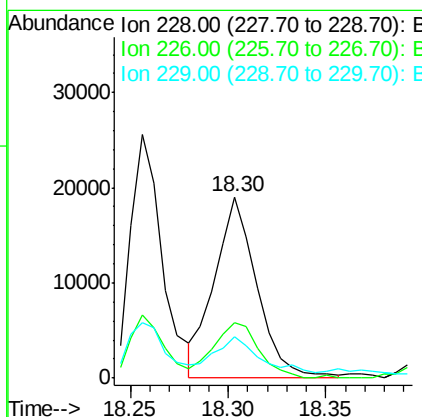
Manual Integrations
APPROVED

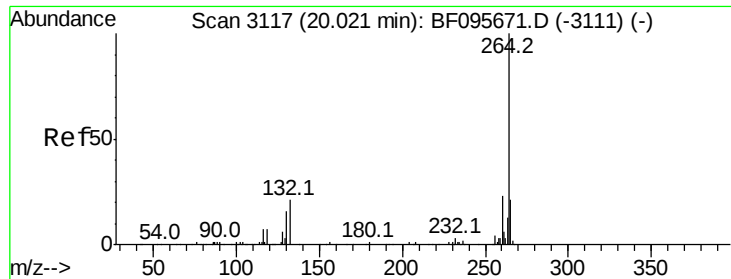
mohammad
6/21/2017 2:16:34 PM



#82
Chrysene
Concen: 3.31 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.7	15.8	23.6





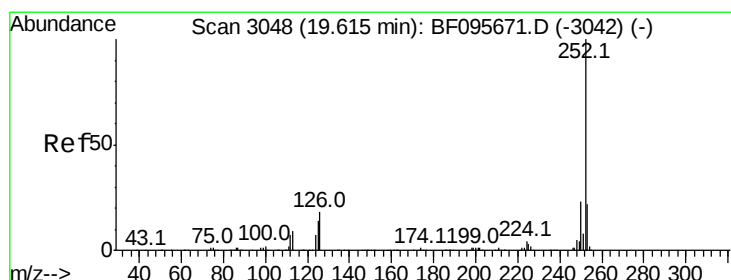
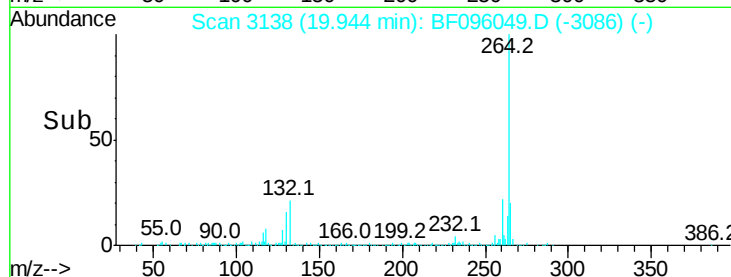
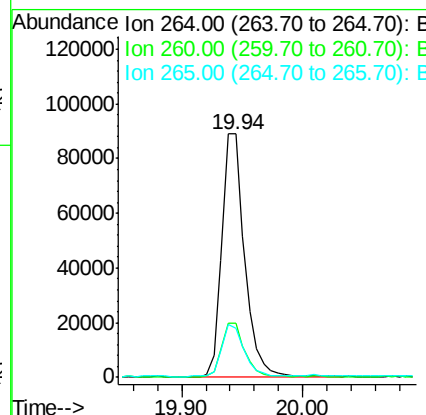
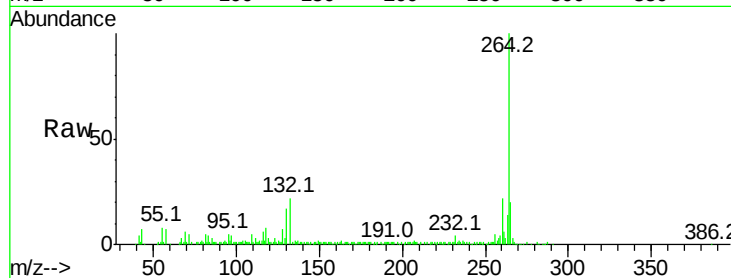
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	20.2	17.2	25.8

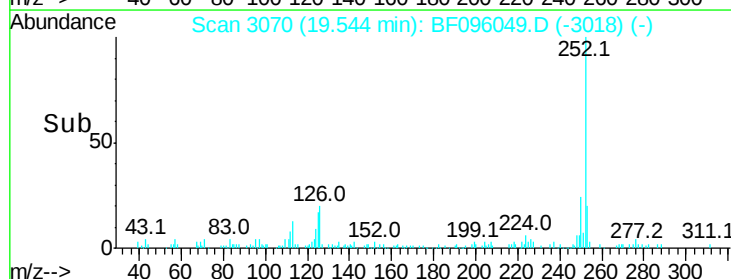
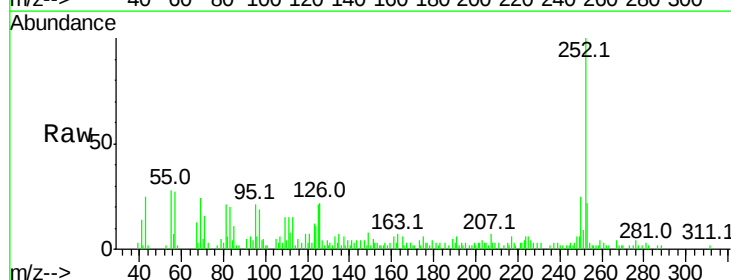
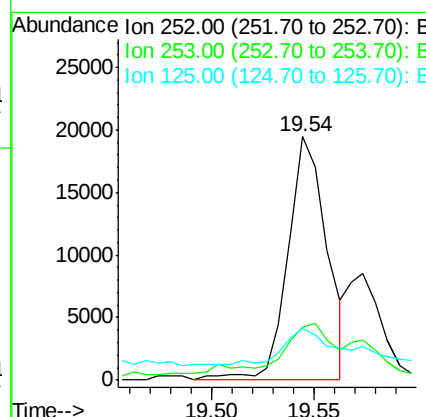
Manual Integrations
APPROVED

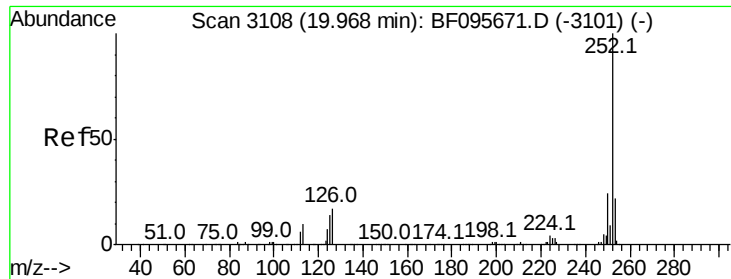
mohammad
6/21/2017 2:16:34 PM



#87
Benzo(b)fluoranthene
Concen: 3.52 ng m
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096049.D
Acq: 20 Jun 2017 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	21.3	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.55 ng

RT: 19.89 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BF096049.D

Acq: 20 Jun 2017 17:31

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-001-A

Tot Ion:	252	Resp:	17075
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.5	26.3
125	21.8	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/21/2017 2:16:34 PM

