

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075558.D
 Acq On : 15 Nov 2014 23:20
 Operator : TP / JJ
 Sample : F4672-09RE
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPORTED-FILL-C2RE

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:38:01 PM

Quant Time: Nov 17 00:39:54 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 00:31:54 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	55670	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	257438	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	135628	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	228231	20.00	ng	0.00
75) Chrysene-d12	16.46	240	255688	20.00	ng	-0.01
86) Perylene-d12	18.23	264	251009	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	70136	22.26	ng	0.00
7) Phenol-d6	7.10	99	203920	53.81	ng	0.00
23) Nitrobenzene-d5	8.24	82	129976	37.02	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	6808	5.99	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	282365	37.62	ng	0.00
78) Terphenyl-d14	15.16	244	533616	56.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.97	163	97690	10.54	ng	99
70) Phenanthrene	13.19	178	54988	4.58	ng	98
74) Fluoranthene	14.67	202	73758	5.73	ng	99
77) Pyrene	14.95	202	67849	4.56	ng	97
80) Benzo(a)anthracene	16.45	228	32971m	2.45	ng	
82) Chrysene	16.49	228	34030m	2.93	ng	
87) Benzo(b)fluoranthene	17.76	252	41073m	3.06	ng	
89) Benzo(a)pyrene	18.16	252	26946	2.24	ng	# 84

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

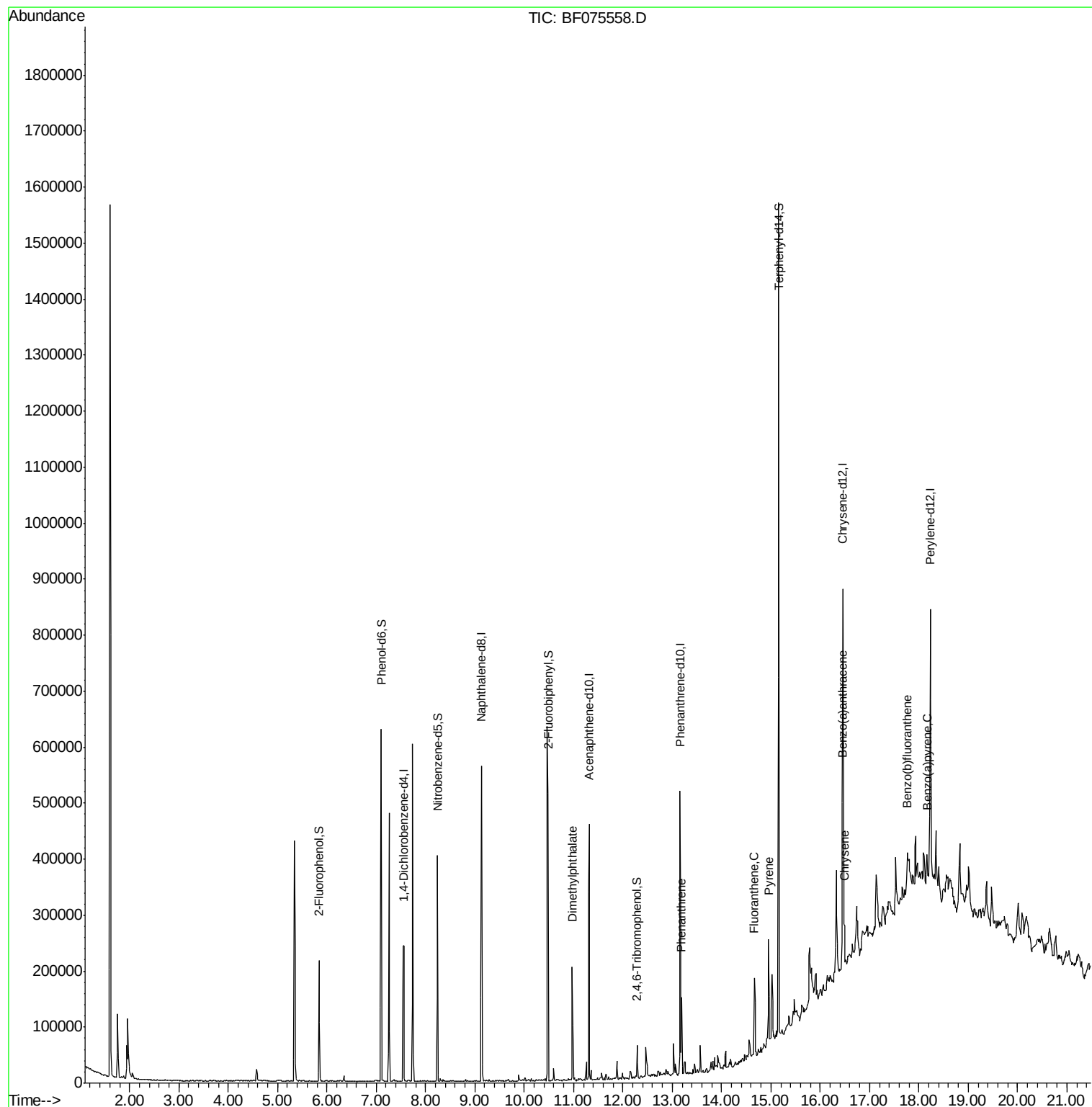
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075558.D
Acq On : 15 Nov 2014 23:20
Operator : TP / JJ
Sample : F4672-09RE
Misc :
ALS Vial : 56 Sample Multiplier: 1

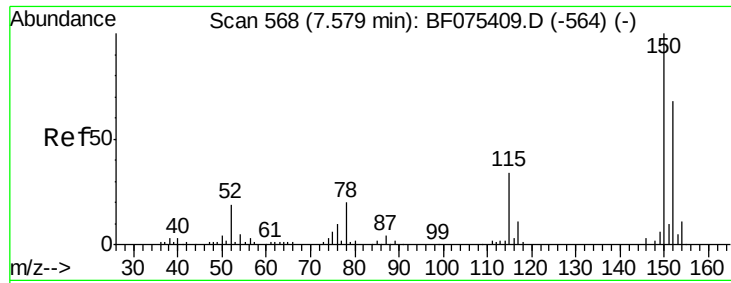
Instrument :
BNA_F
ClientSampleId :
IMPORTED-FILL-C2RE

Manual Integrations
APPROVED

mohammad
11/17/2014 7:38:01 PM

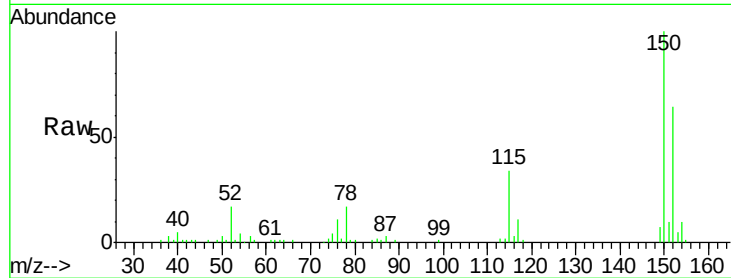
Quant Time: Nov 17 00:39:54 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 00:31:54 2014
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

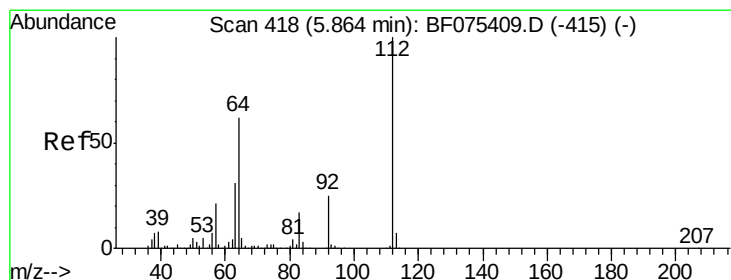
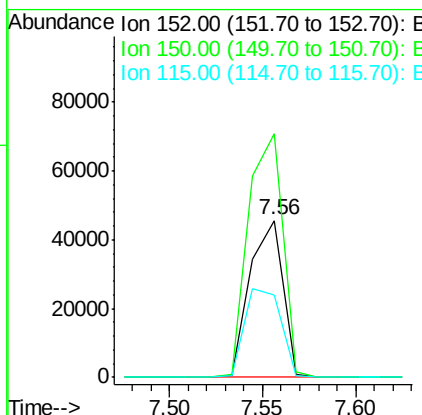
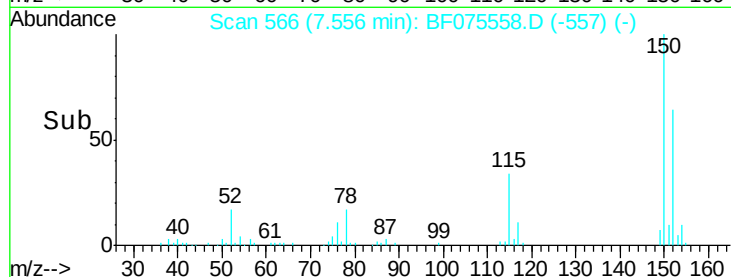
Instrument :
 BNA_F
 ClientSampleId :
 IMPORTED-FILL-C2RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.2	190.8
115	52.6	57.1	85.7

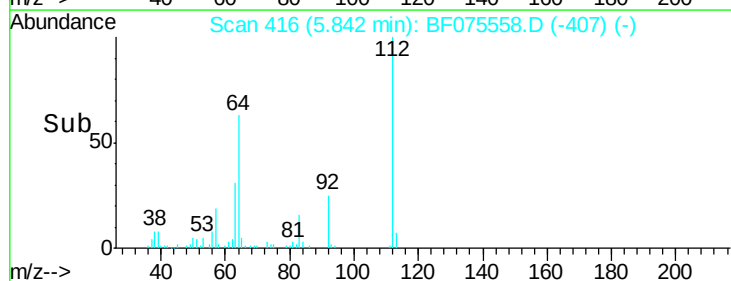
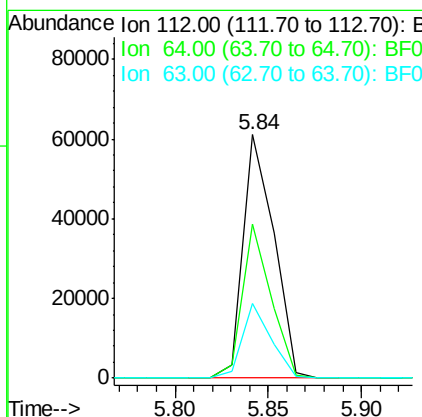
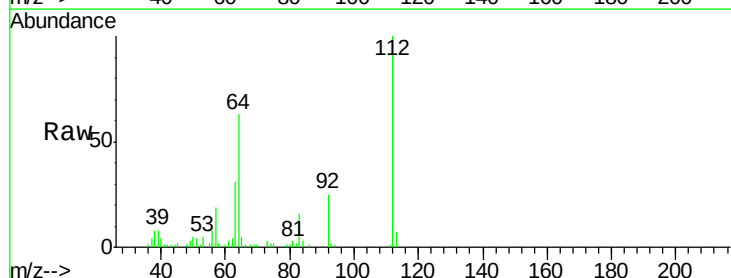
Manual Integrations
 APPROVED

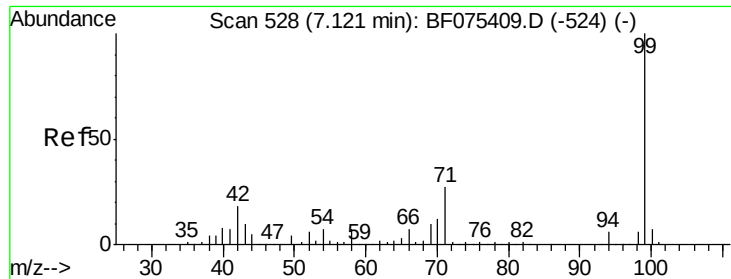
mohammad
 11/17/2014 7:38:01 PM



#5
 2-Fluorophenol
 Concen: 22.26 ng
 RT: 5.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	45.8	68.6
63	30.7	22.7	34.1





#7

Phenol-d6

Concen: 53.81 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF075558.D

Acq: 15 Nov 2014 23:20

Instrument :

BNA_F

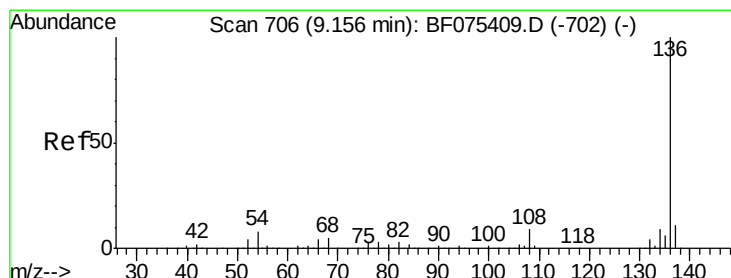
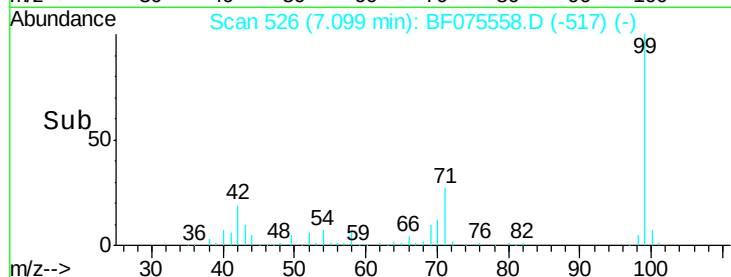
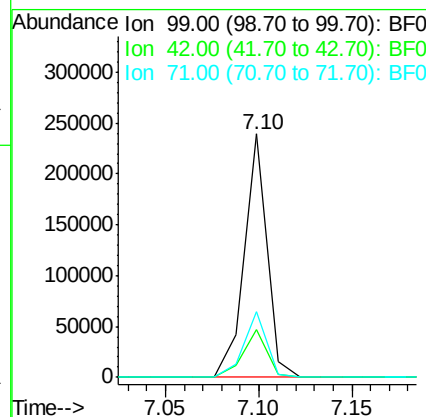
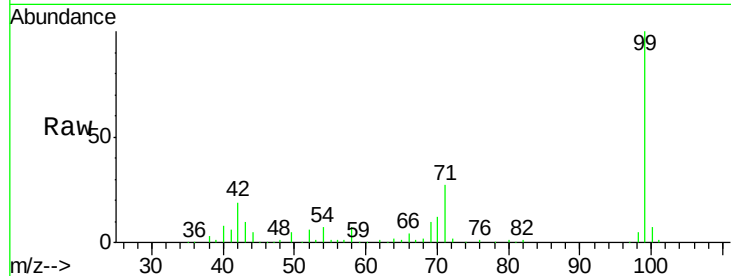
ClientSampleId :

IMPORTED-FILL-C2RE

Tgt Ion:	99	Resp:	203920
Ion Ratio	Lower	Upper	
99	100		
42	19.4	19.8	29.6#
71	26.9	25.5	38.3

Manual Integrations
APPROVED

mohammad
11/17/2014 7:38:01 PM



#21

Naphthalene-d8

Concen: 20.00 ng

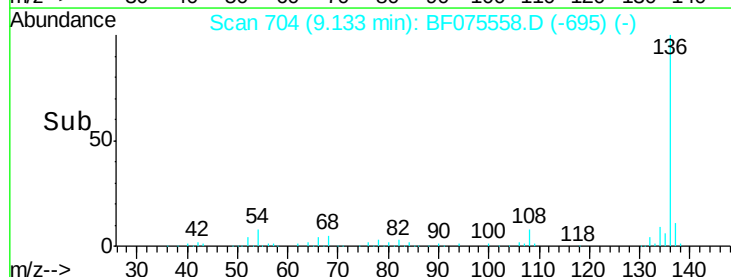
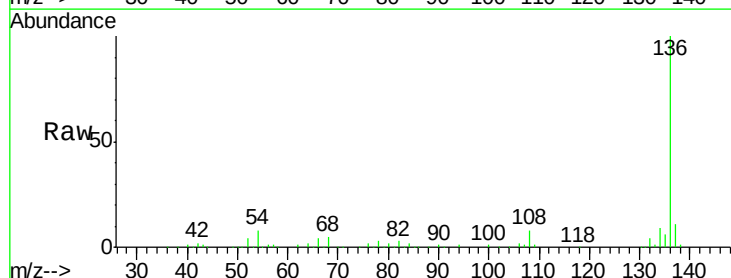
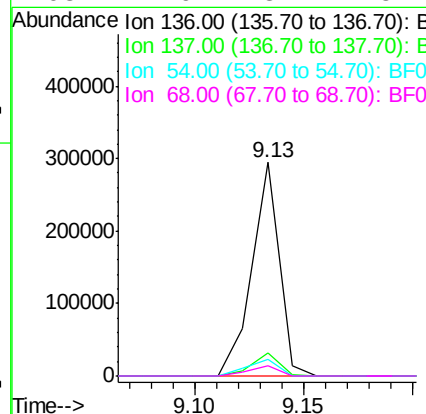
RT: 9.13 min Scan# 704

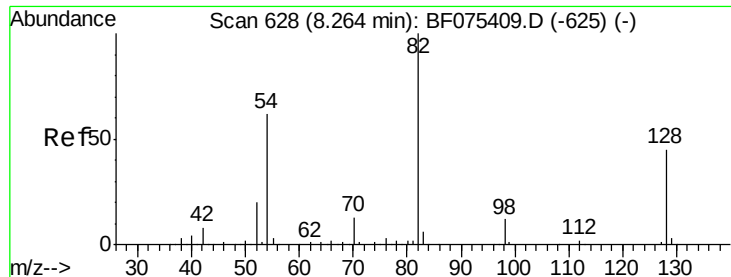
Delta R.T. 0.00 min

Lab File: BF075558.D

Acq: 15 Nov 2014 23:20

Tgt Ion:	136	Resp:	257438
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.4
54	7.9	6.2	9.4
68	4.9	3.4	5.2





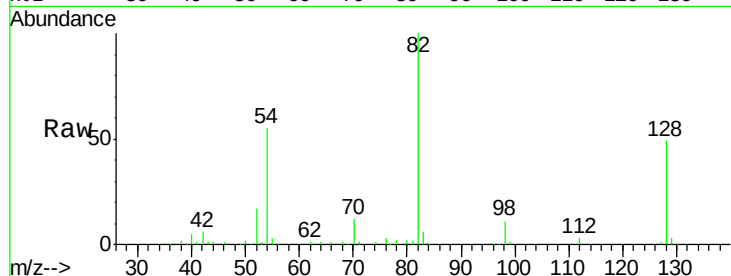
#23
 Nitrobenzene-d5
 Concen: 37.02 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Instrument :
 BNA_F
 ClientSampleId :
 IMPORTED-FILL-C2RE

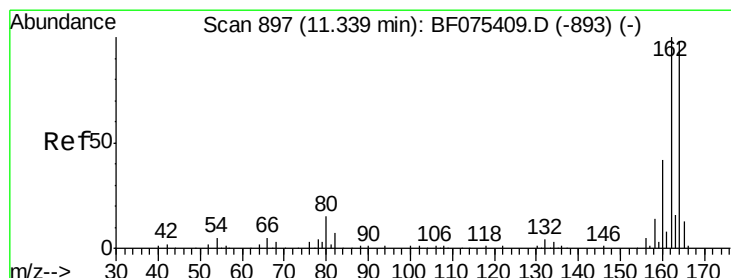
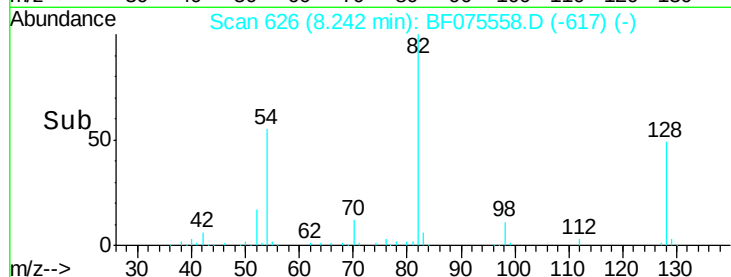
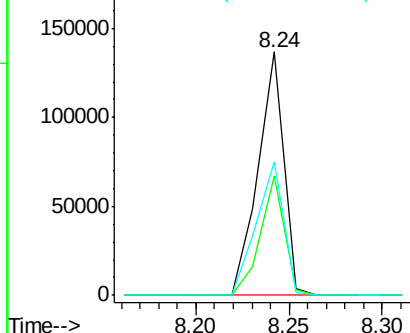
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	129976		
128	48.9	37.8	56.6	
54	54.9	49.8	74.8	

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:38:01 PM

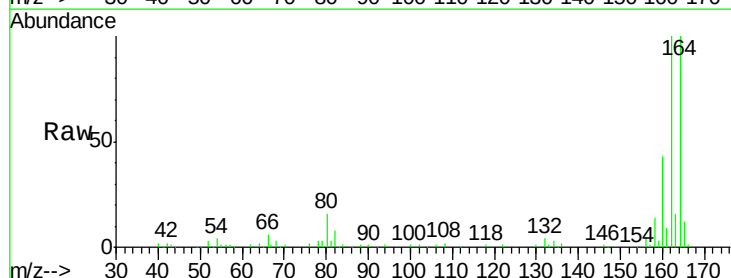


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

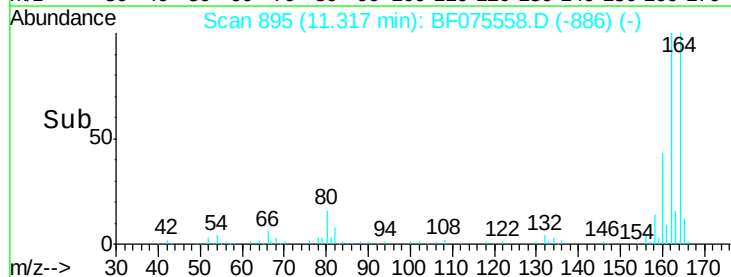
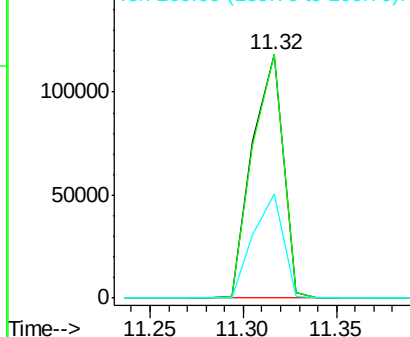


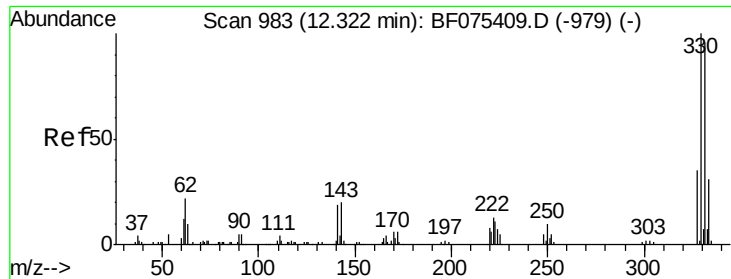
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135628		
162	100.1	79.1	118.7	
160	42.8	34.6	51.8	



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





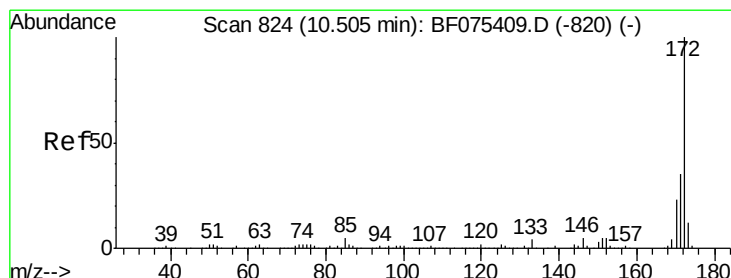
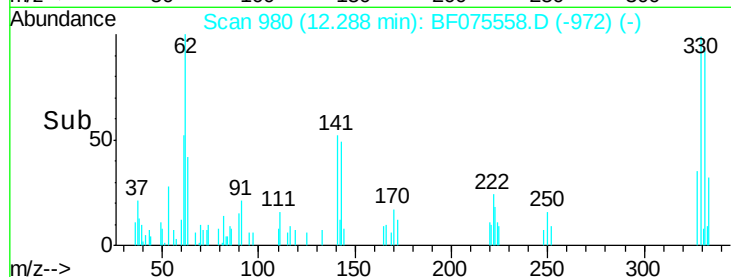
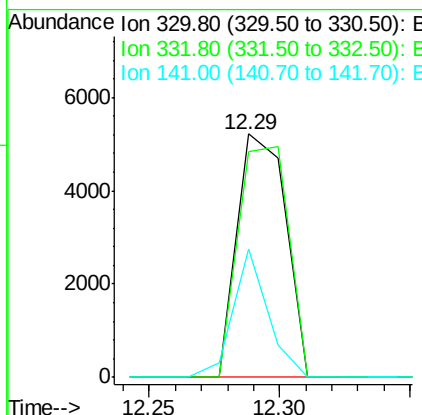
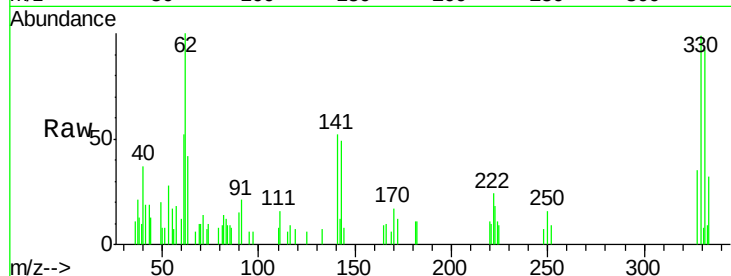
#41
 2,4,6-Tribromophenol
 Concen: 5.99 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Instrument :
 BNA_F
 ClientSampleId :
 IMPORTED-FILL-C2RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	6808		
332	98.8		74.5	111.7
141	37.8		30.7	46.1

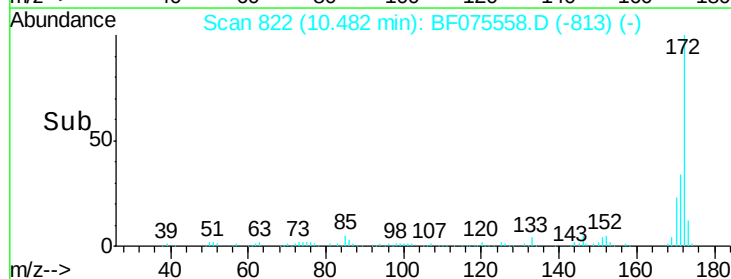
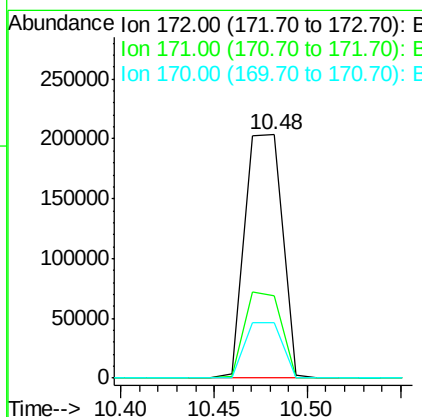
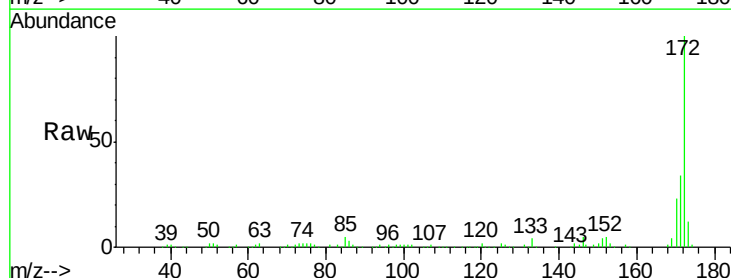
Manual Integrations
 APPROVED

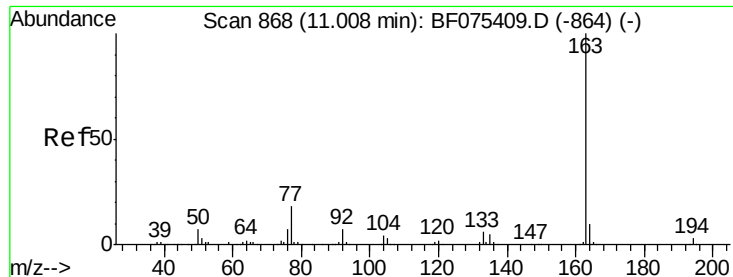
mohammad
 11/17/2014 7:38:01 PM



#44
 2-Fluorobiphenyl
 Concen: 37.62 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	282365		
171	33.6		27.3	40.9
170	23.0		18.4	27.6





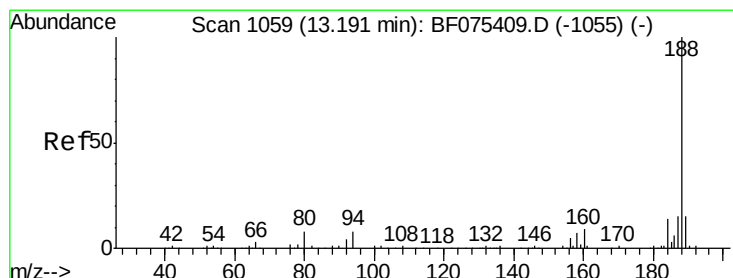
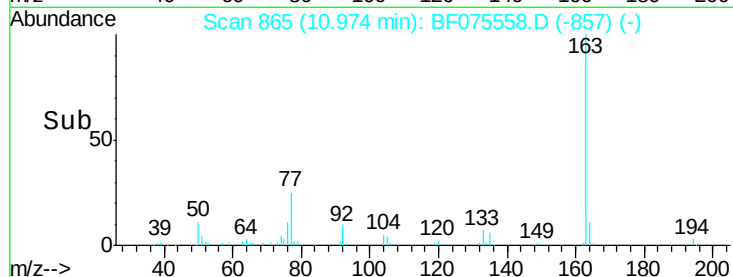
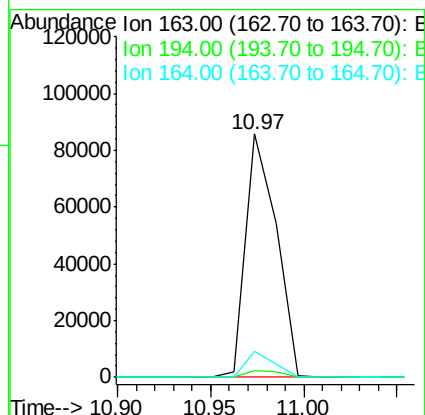
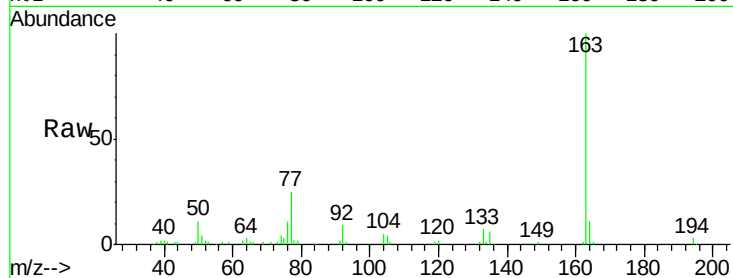
#49
Dimethylphthalate
Concen: 10.54 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF075558.D
Acq: 15 Nov 2014 23:20

Instrument :
BNA_F
ClientSampleId :
IMPORTED-FILL-C2RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	97690		
194	2.9		2.7	4.1
164	10.6		8.0	12.0

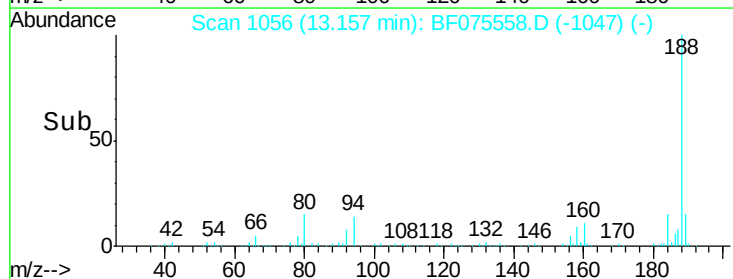
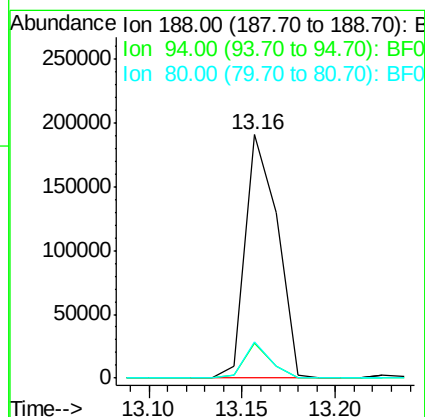
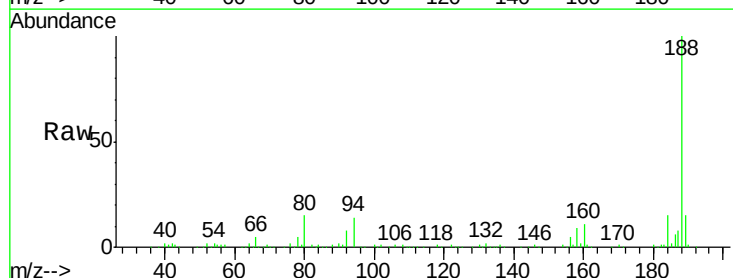
Manual Integrations
APPROVED

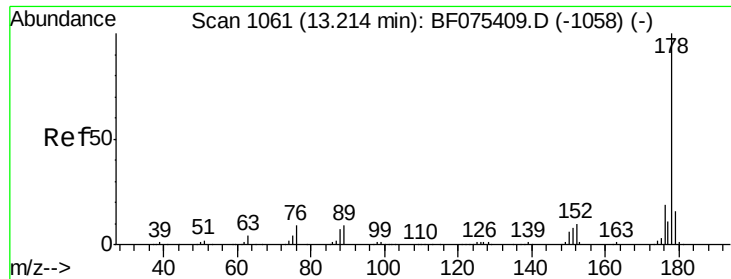
mohammad
11/17/2014 7:38:01 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075558.D
Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	228231		
94	14.1		7.8	11.6#
80	14.9		8.0	12.0#





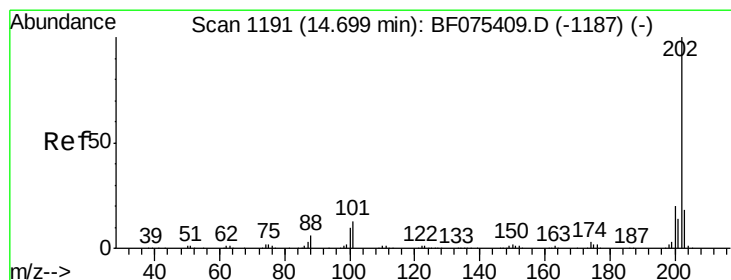
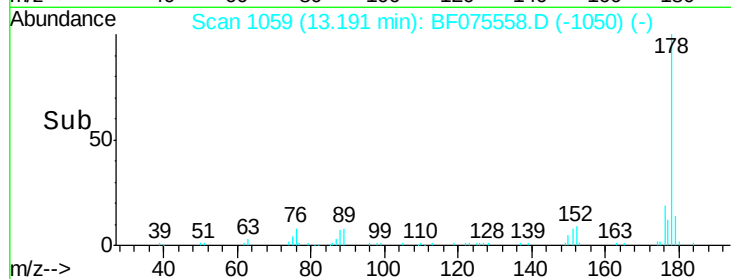
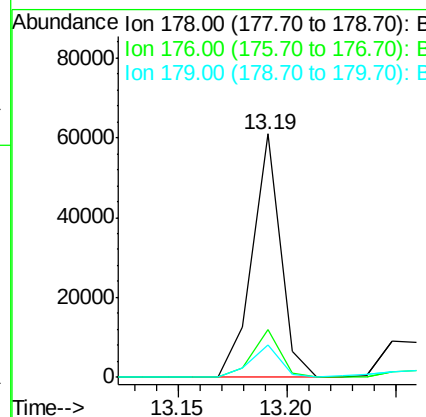
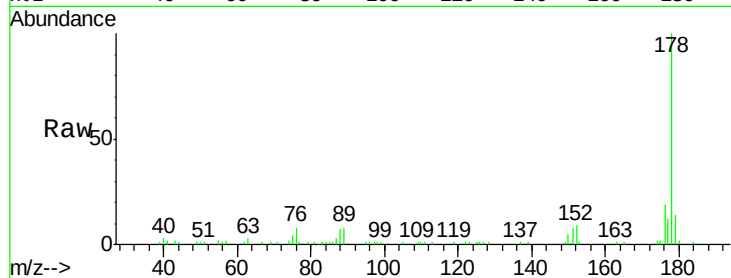
#70
Phenanthrene
Concen: 4.58 ng
RT: 13.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF075558.D
Acq: 15 Nov 2014 23:20

Instrument :
BNA_F
ClientSampleId :
IMPORTED-FILL-C2RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	13.5	12.2	18.4

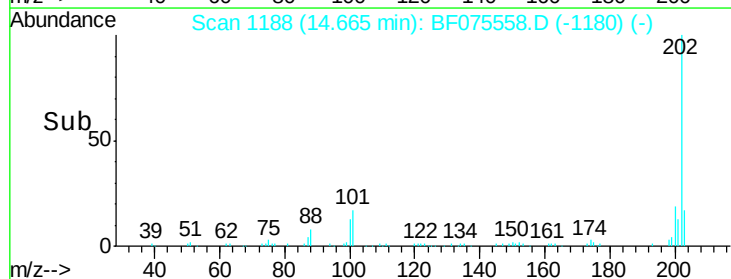
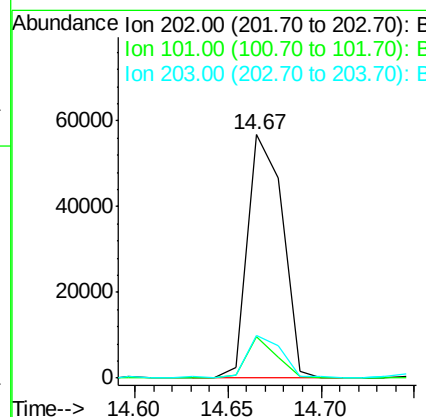
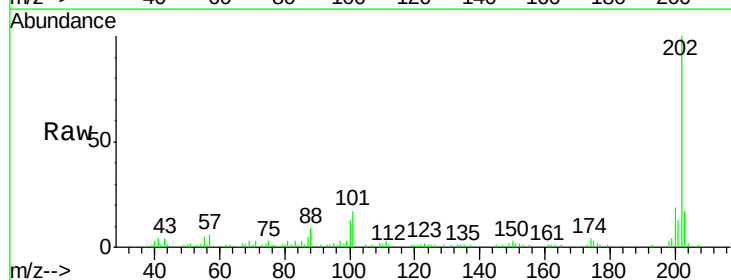
Manual Integrations
APPROVED

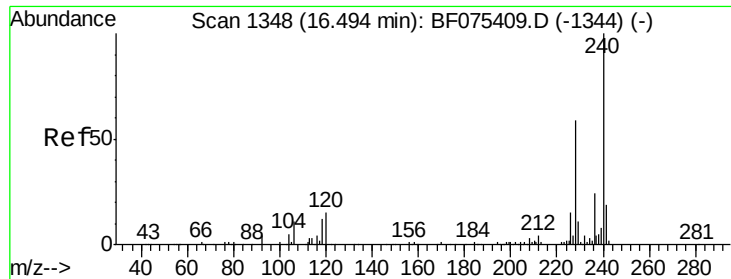
mohammad
11/17/2014 7:38:01 PM



#74
Fluoranthene
Concen: 5.73 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF075558.D
Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	36.6
203	17.3	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075558.D

Acq: 15 Nov 2014 23:20

Instrument :

BNA_F

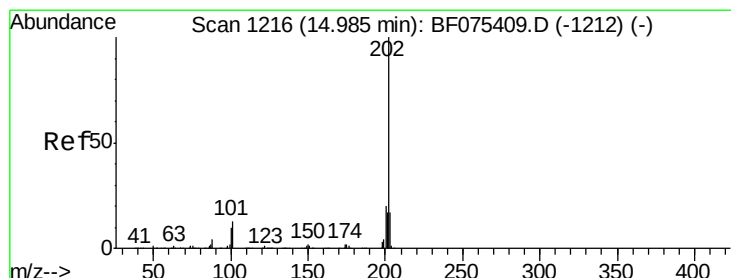
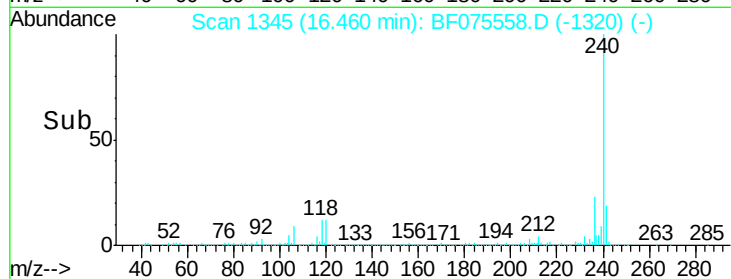
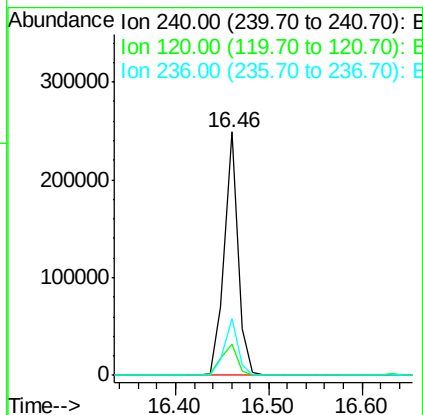
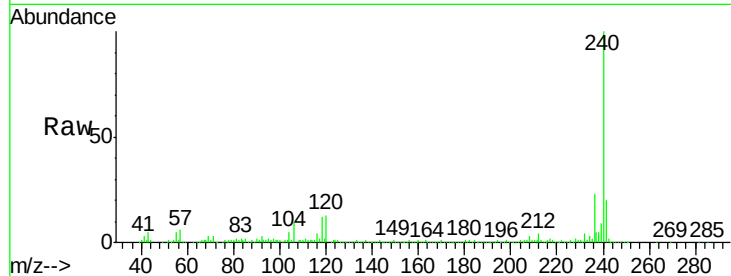
ClientSampleId :

IMPORTED-FILL-C2RE

Tgt Ion:	240	Resp:	255688
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.6	14.4
236	23.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
11/17/2014 7:38:01 PM



#77

Pyrene

Concen: 4.56 ng

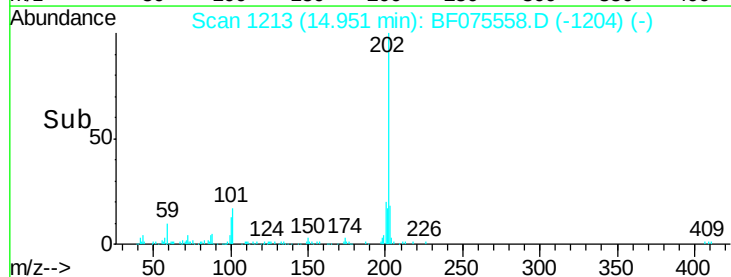
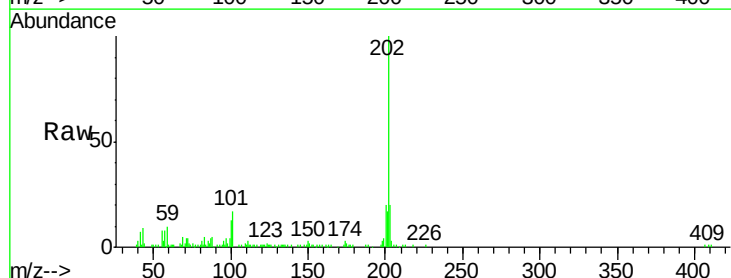
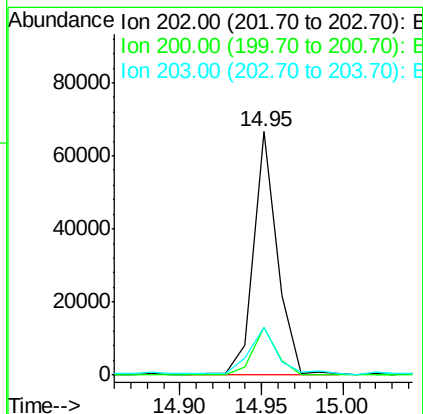
RT: 14.95 min Scan# 1213

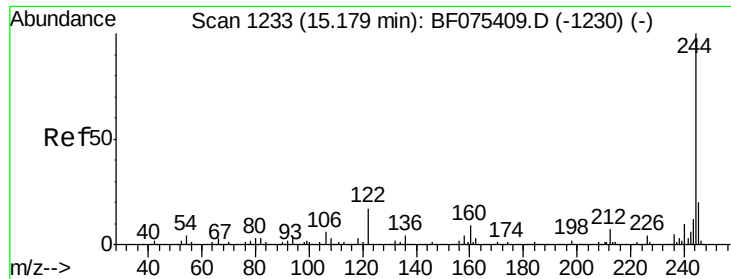
Delta R.T. 0.00 min

Lab File: BF075558.D

Acq: 15 Nov 2014 23:20

Tgt Ion:	202	Resp:	67849
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.8	25.2
203	19.5	14.3	21.5





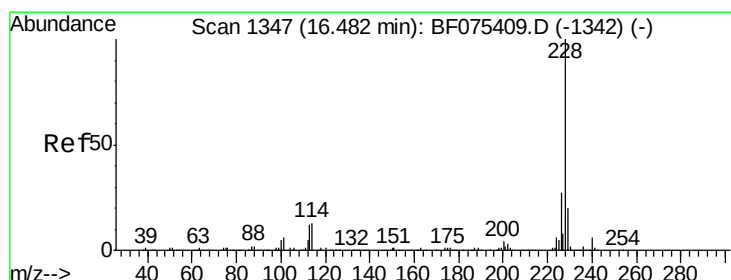
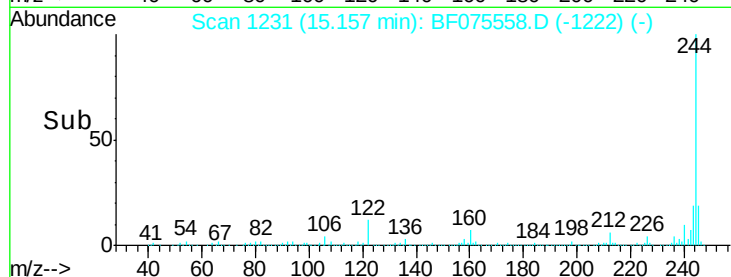
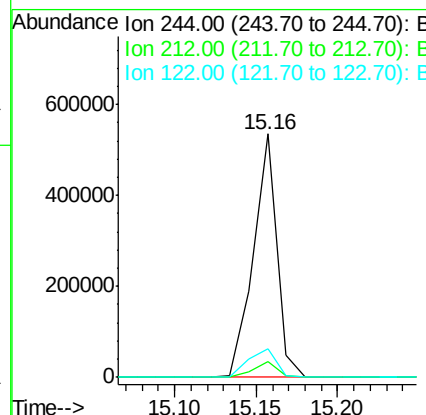
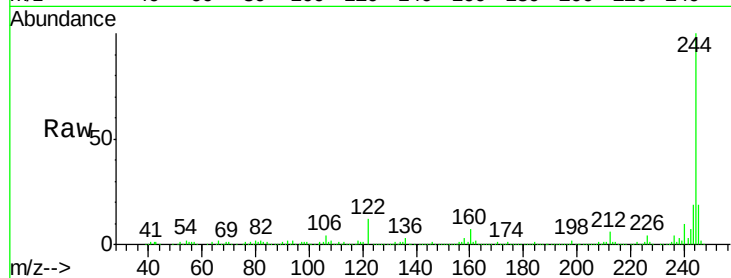
#78
 Terphenyl-d14
 Concen: 56.18 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Instrument :
 BNA_F
 ClientSampleId :
 IMPORTED-FILL-C2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.5	8.3
122	11.8	9.7	14.5

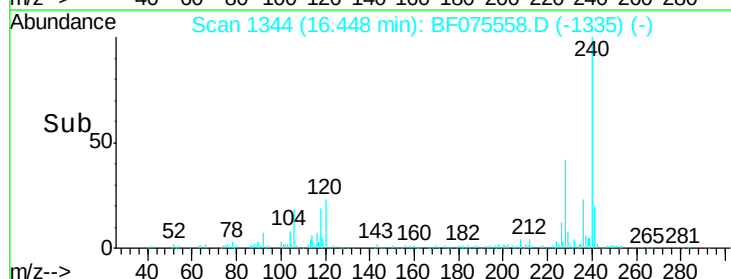
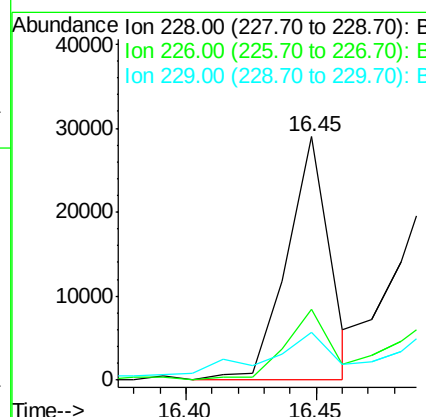
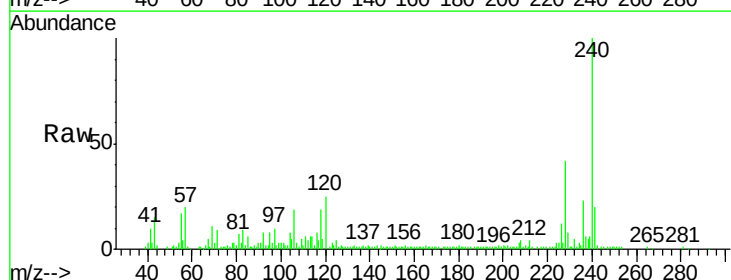
Manual Integrations
 APPROVED

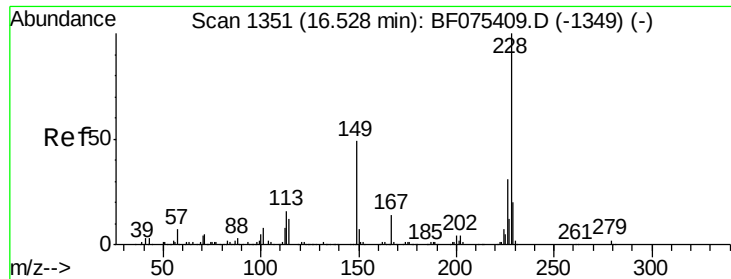
mohammad
 11/17/2014 7:38:01 PM



#80
 Benzo(a)anthracene
 Concen: 2.45 ng m
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF075558.D
 Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.2	21.8	32.8
229	19.6	15.3	22.9





#82

Chrysene

Concen: 2.93 ng m

RT: 16.49 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF075558.D

Acq: 15 Nov 2014 23:20

Instrument :

BNA_F

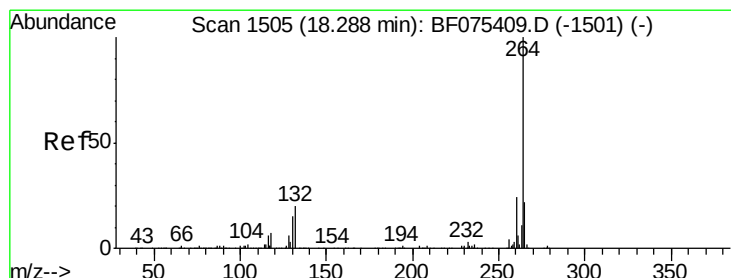
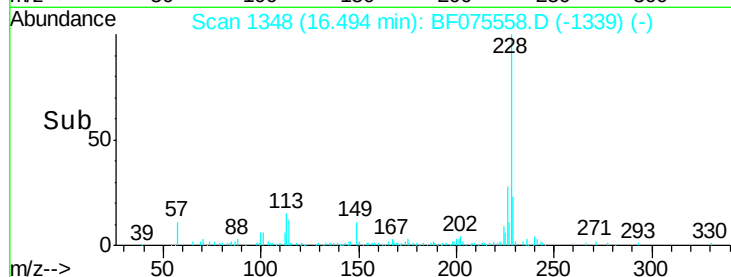
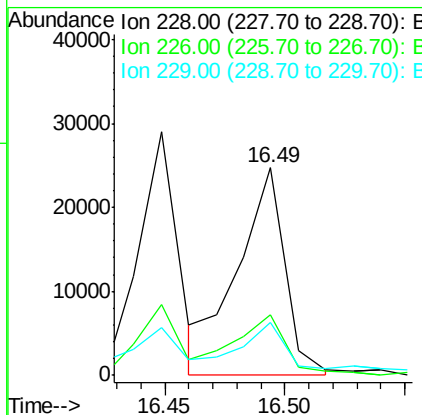
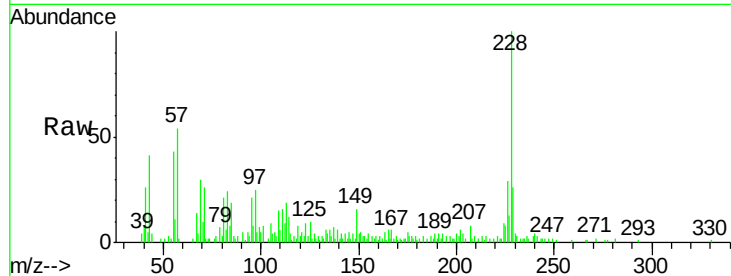
ClientSampleId :

IMPORTED-FILL-C2RE

Tgt Ion:	228	Resp:	34030
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.6
229	25.5	15.8	23.6

Manual Integrations
APPROVED

mohammad
11/17/2014 7:38:01 PM



#86

Perylene-d12

Concen: 20.00 ng

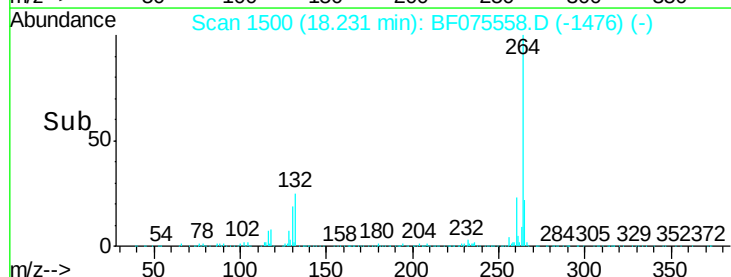
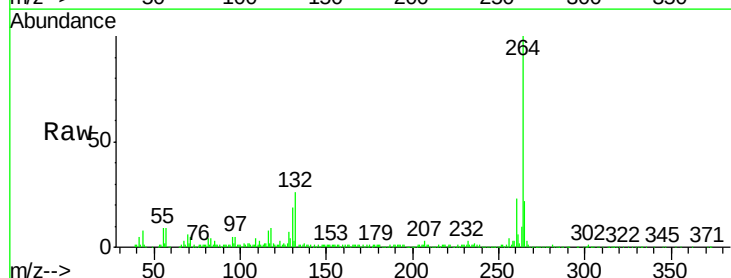
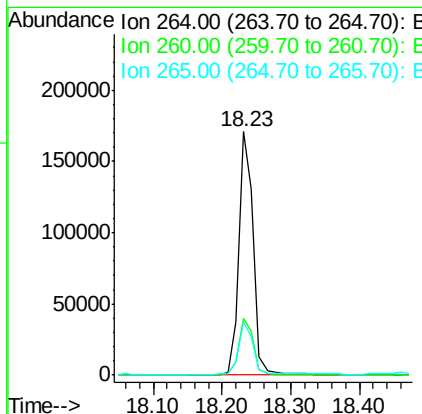
RT: 18.23 min Scan# 1500

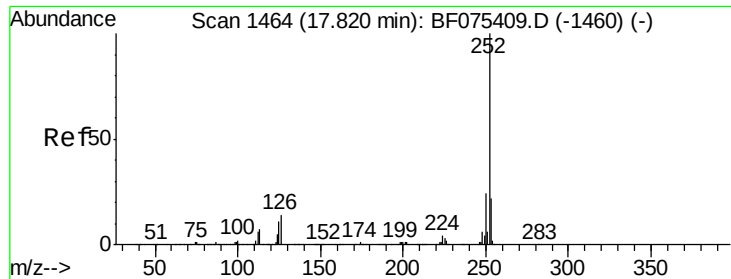
Delta R.T. -0.02 min

Lab File: BF075558.D

Acq: 15 Nov 2014 23:20

Tgt Ion:	264	Resp:	251009
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.9	26.9
265	21.9	16.3	24.5





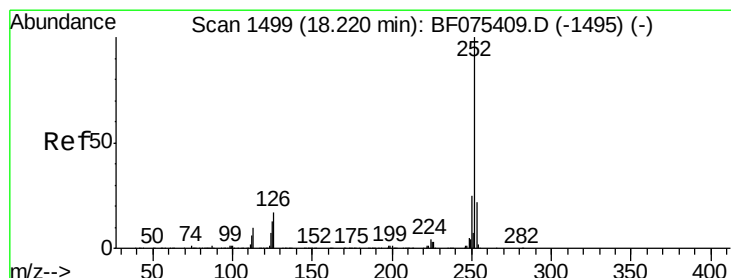
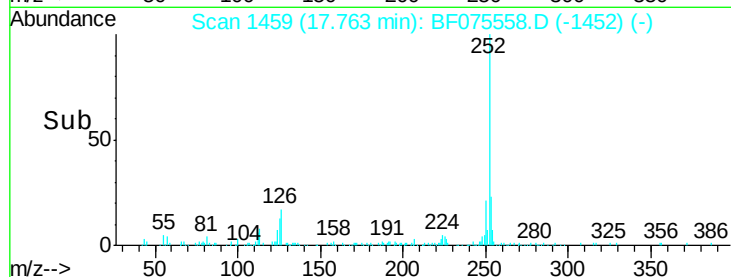
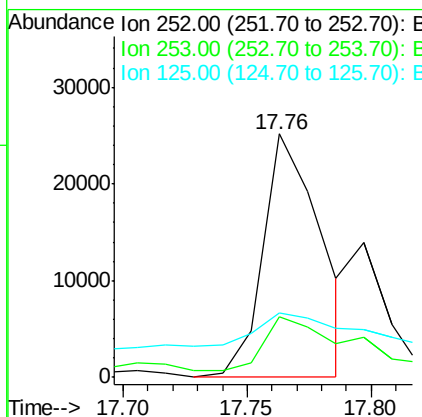
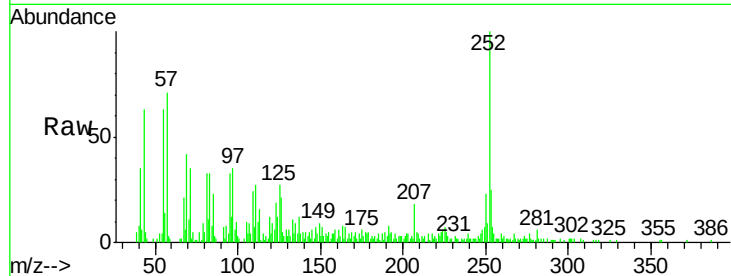
#87
Benzo(b)fluoranthene
Concen: 3.06 ng m
RT: 17.76 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF075558.D
Acq: 15 Nov 2014 23:20

Instrument :
BNA_F
ClientSampleId :
IMPORTED-FILL-C2RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	26.6	11.8	17.6

Manual Integrations
APPROVED

mohammad
11/17/2014 7:38:01 PM



#89
Benzo(a)pyrene
Concen: 2.24 ng
RT: 18.16 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BF075558.D
Acq: 15 Nov 2014 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	27.0	12.2	18.4

