

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088632.D
 Acq On : 2 Jul 2016 22:30
 Operator : UM/SJ
 Sample : H3837-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-8

Manual Integrations

APPROVED
 umangi
 7/5/2016 7:35:55 PM

Quant Time: Jul 03 04:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120096	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	486139	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	200717	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	317234	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	243507	20.00	ng	-0.02
86) Perylene-d12	15.34	264	218993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	764426	95.39	ng	-0.01
7) Phenol-d6	6.43	99	994862	96.08	ng	-0.01
23) Nitrobenzene-d5	7.36	82	645246	69.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	173552	93.11	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1038128	81.70	ng	-0.02
78) Terphenyl-d14	12.89	244	648268	59.30	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	103550	7.24	ng	98
70) Phenanthrene	11.32	178	37647	2.17	ng	98
74) Fluoranthene	12.51	202	47023	2.67	ng	98
87) Benzo(b)fluoranthene	14.94	252	39454m	2.87	ng	

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

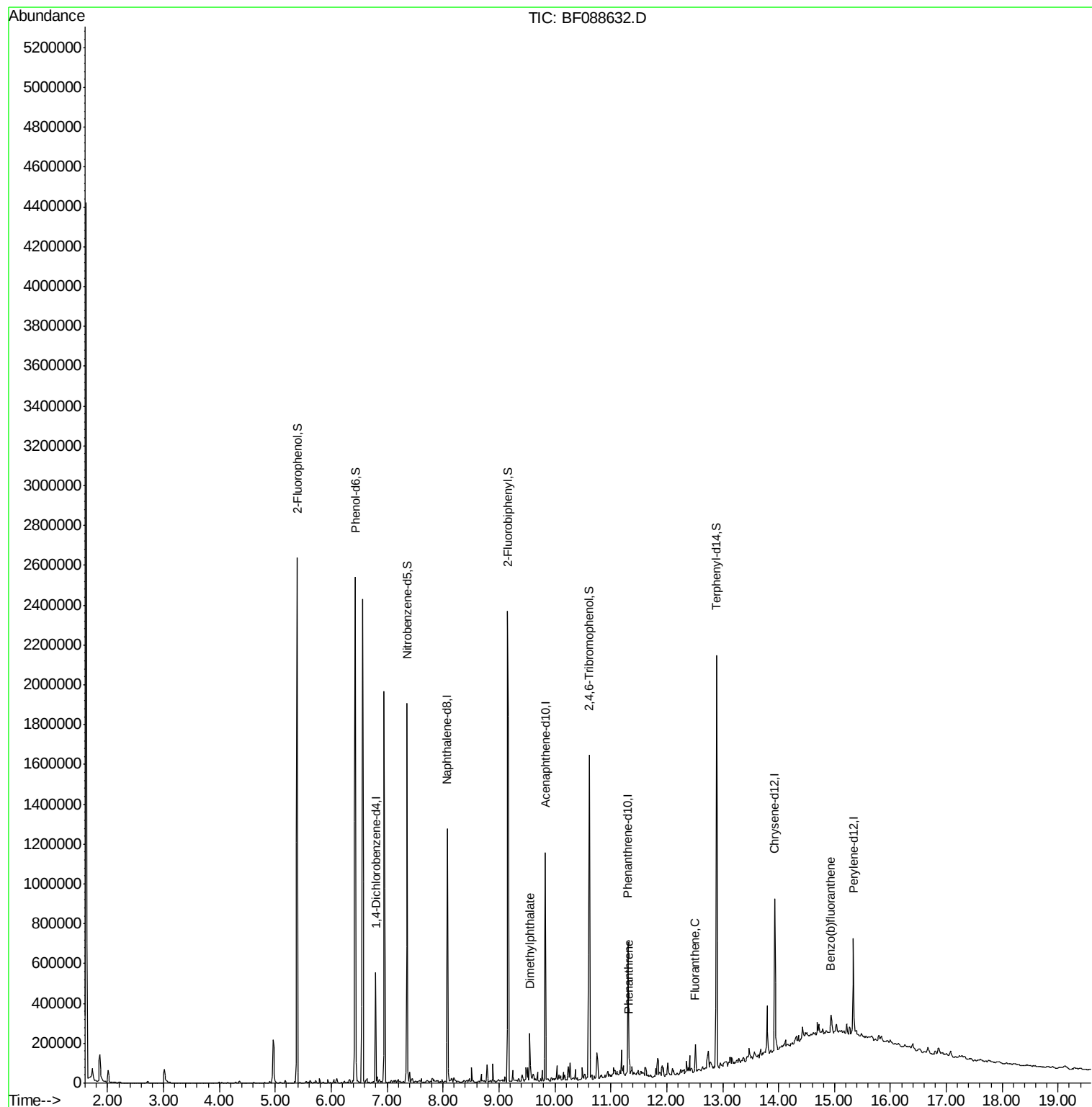
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088632.D
Acq On : 2 Jul 2016 22:30
Operator : UM/SJ
Sample : H3837-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C1.2-8

Manual Integrations

Quant Time: Jul 03 04:53:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

umangi
7/5/2016 7:35:55 PM





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

Instrument :

BNA_F

ClientSampleId :

C1.2-8

Tgt Ion:152 Resp: 120096

Ion Ratio Lower Upper

152 100

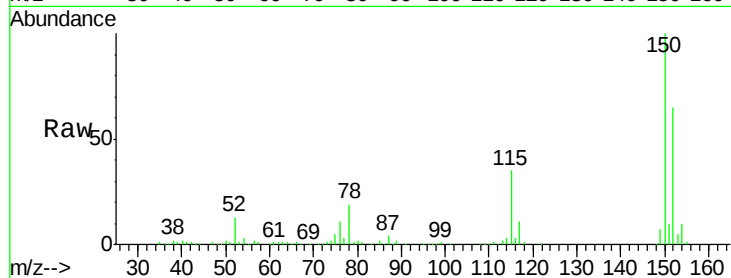
150 153.7 123.8 185.6

115 54.2 39.6 59.4

Manual Integrations

umangi

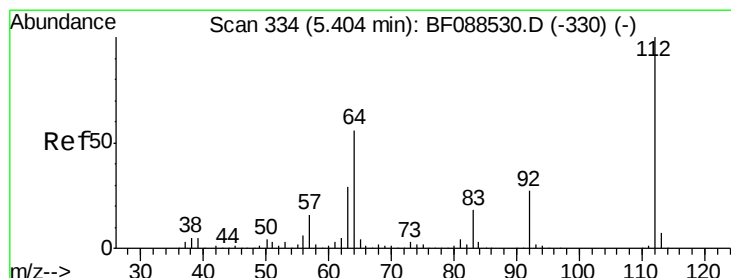
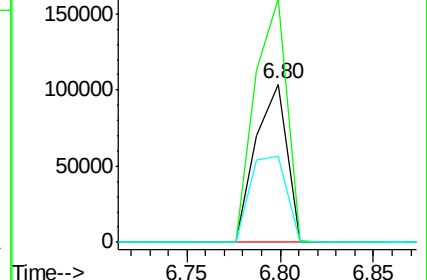
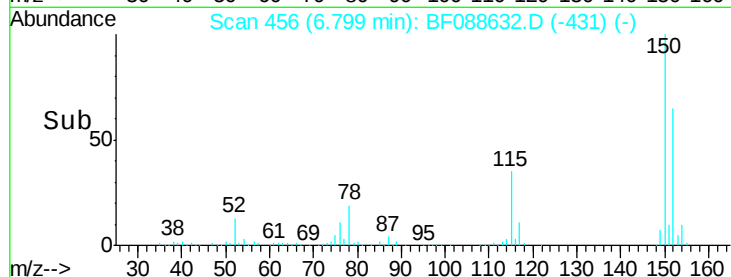
7/5/2016 7:35:55 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 95.39 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

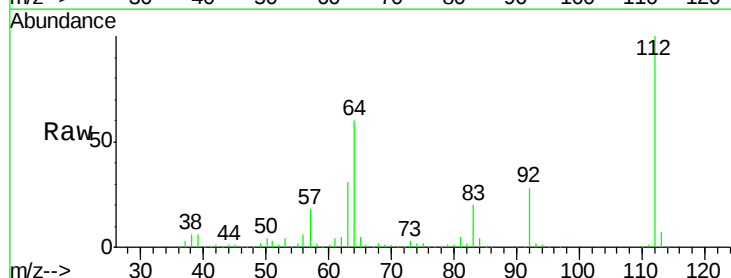
Tgt Ion:112 Resp: 764426

Ion Ratio Lower Upper

112 100

64 60.3 42.2 63.2

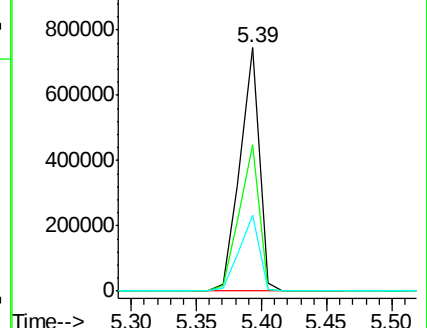
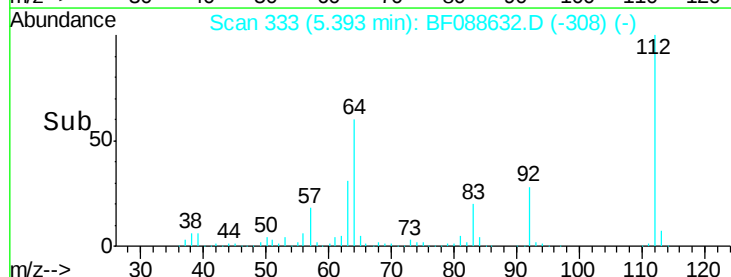
63 31.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.08 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088632.D

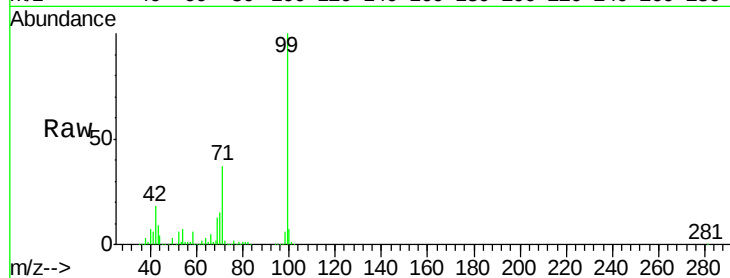
Acq: 2 Jul 2016 22:30

Instrument :

BNA_F

ClientSampleId :

C1.2-8



Tgt Ion: 99 Resp: 994862

Ion Ratio Lower Upper

99 100

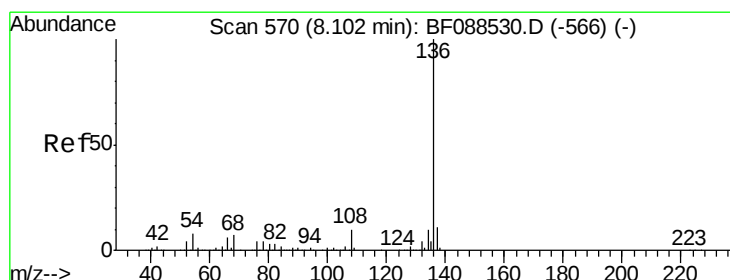
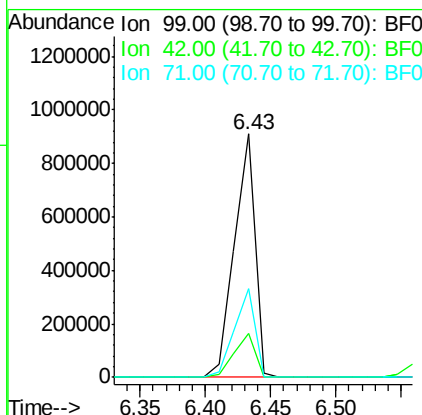
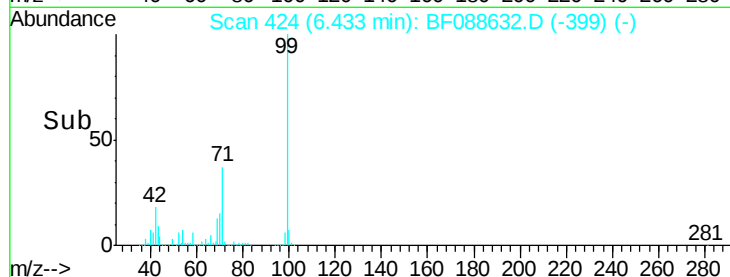
42 17.9 12.2 18.2

71 36.5 23.4 35.0#

Manual Integrations

umangi

7/5/2016 7:35:55 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

Tgt Ion: 136 Resp: 486139

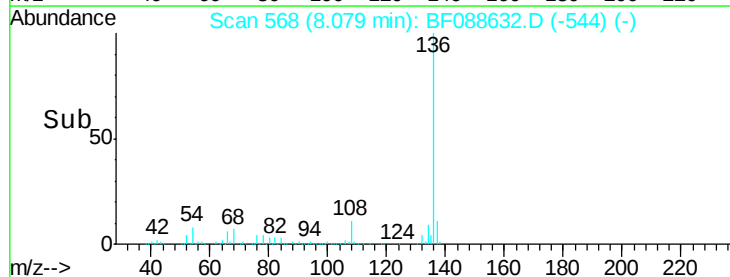
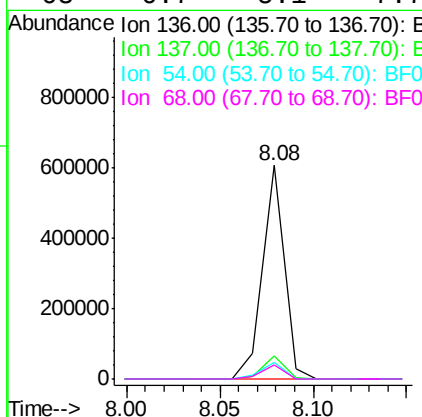
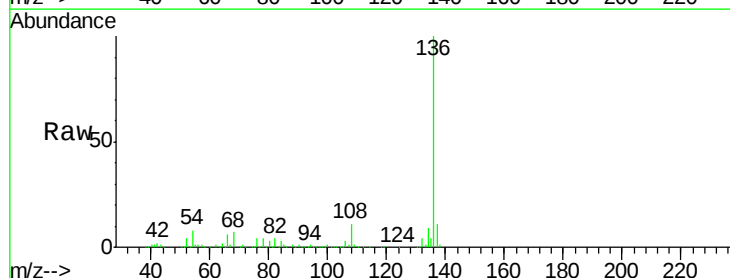
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 6.6 10.0

68 6.7 5.1 7.7





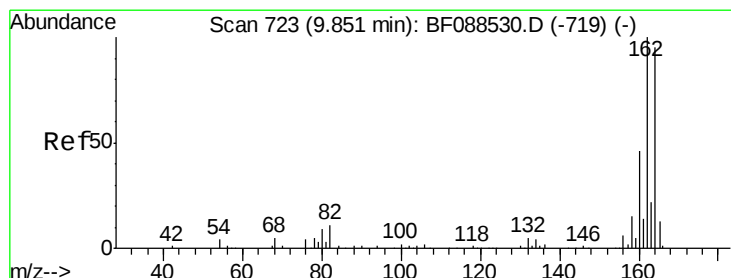
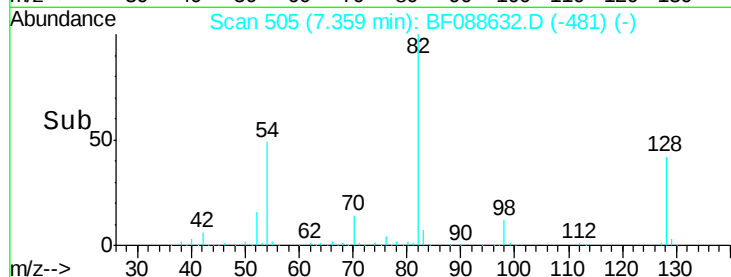
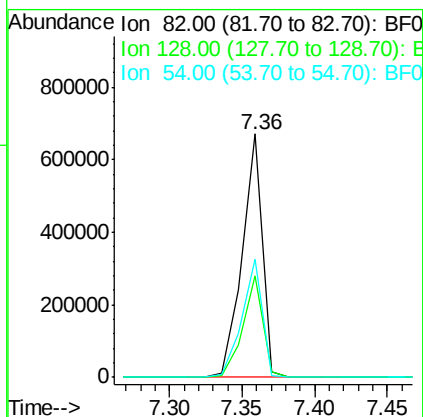
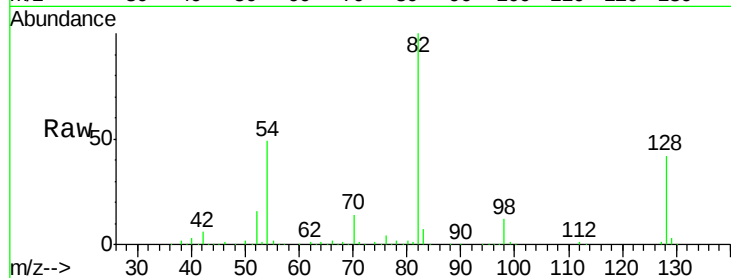
#23
 Nitrobenzene-d5
 Concen: 69.56 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088632.D
 Acq: 2 Jul 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-8

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.9	53.9
54	48.7	40.9	61.3

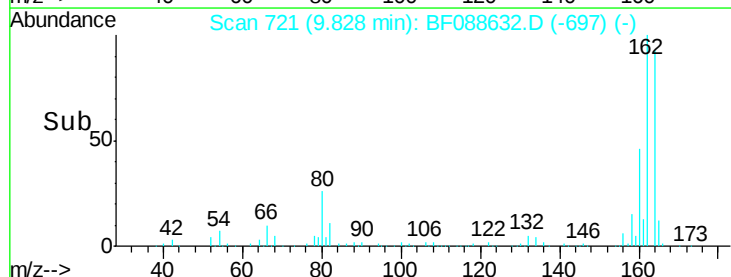
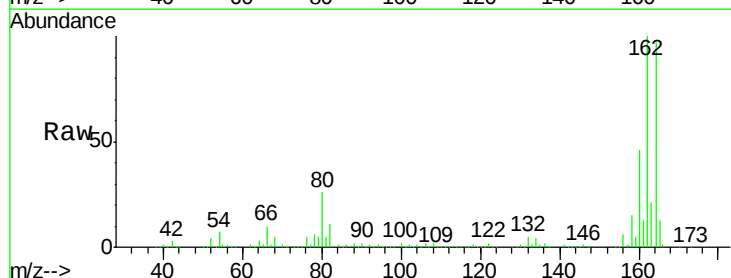
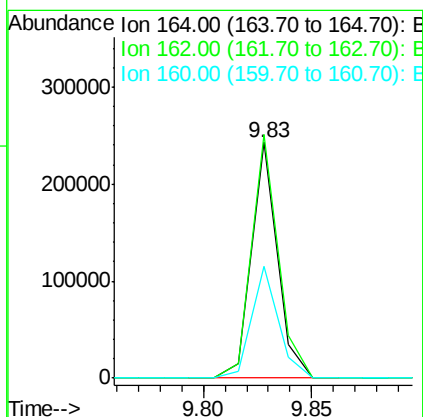
Manual Integrations

umangi
 7/5/2016 7:35:55 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088632.D
 Acq: 2 Jul 2016 22:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	47.7	39.5	59.3





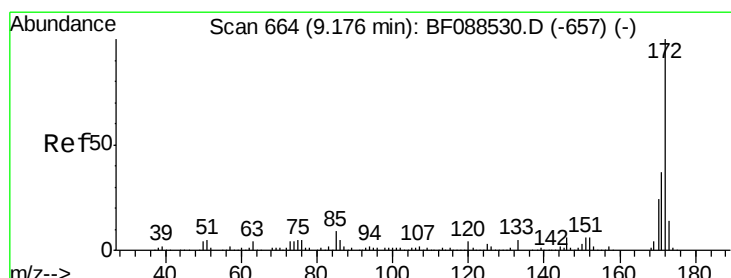
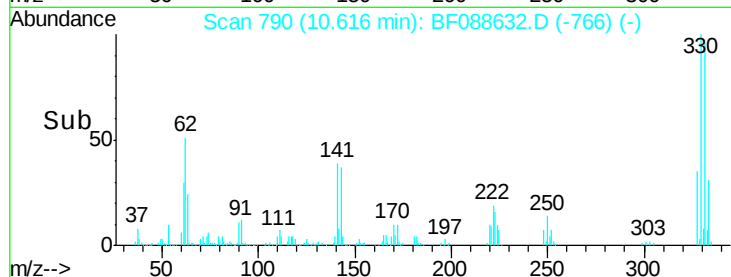
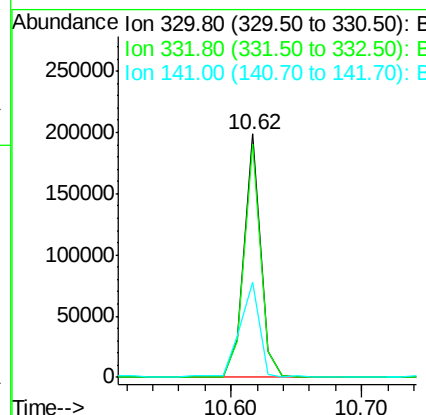
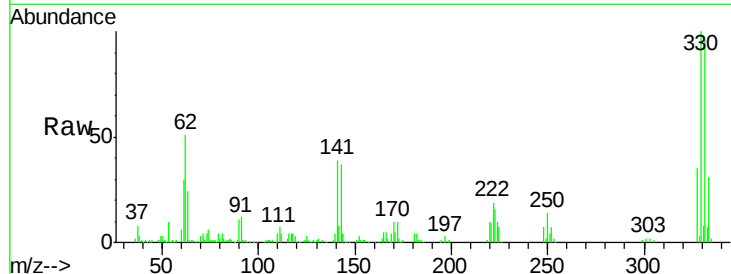
#41
 2,4,6-Tribromophenol
 Concen: 93.11 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088632.D
 Acq: 2 Jul 2016 22:30

Instrument :
 BNA_F
 ClientSampled :
 C1.2-8

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	173552		
332	96.4	0.0	0.0	0.0
141	45.9	0.0	0.0	0.0

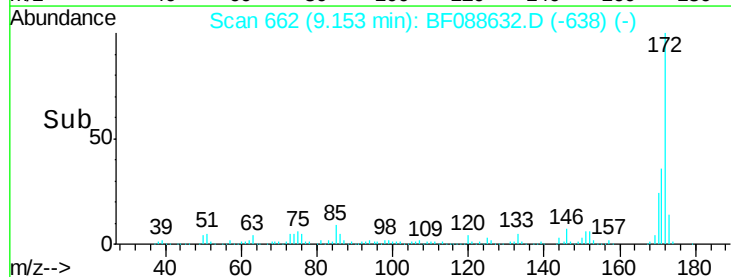
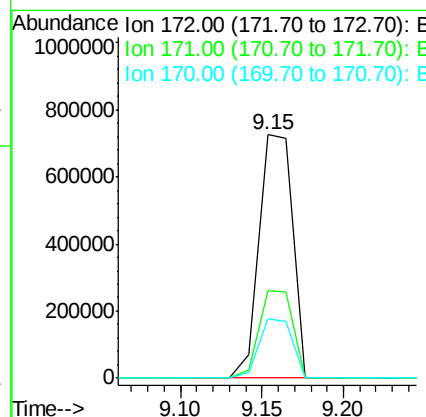
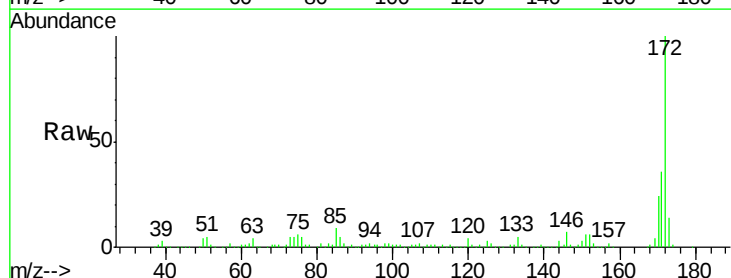
Manual Integrations

umangi
 7/5/2016 7:35:55 PM



#44
 2-Fluorobiphenyl
 Concen: 81.70 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088632.D
 Acq: 2 Jul 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1038128		
171	35.9	28.6	43.0	
170	24.1	19.2	28.8	





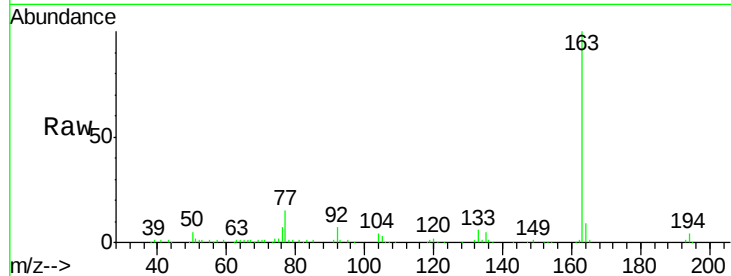
#49
Dimethylphthalate
Concen: 7.24 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088632.D
Acq: 2 Jul 2016 22:30

Instrument :
BNA_F
ClientSampleId :
C1.2-8

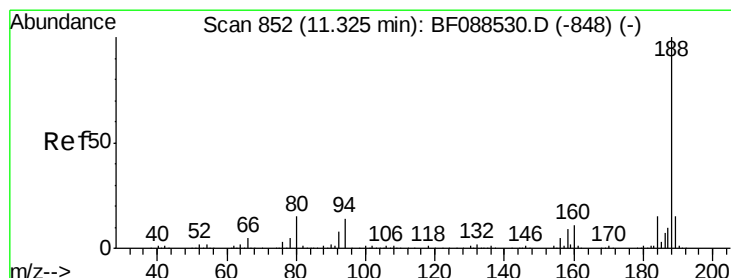
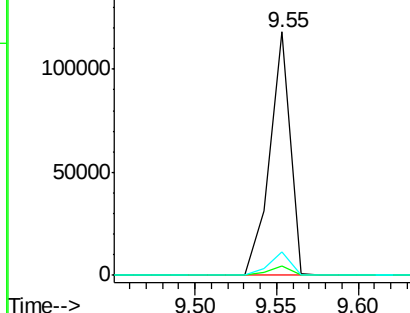
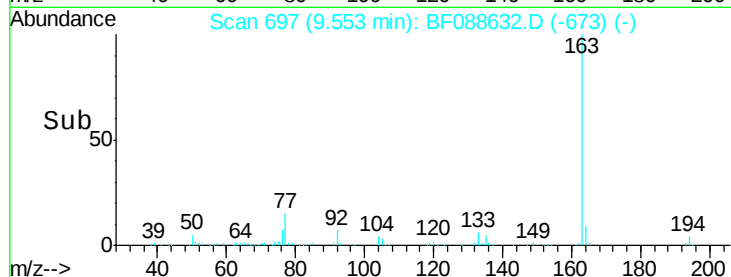
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.4	8.3	12.5

Manual Integrations

umangi
7/5/2016 7:35:55 PM

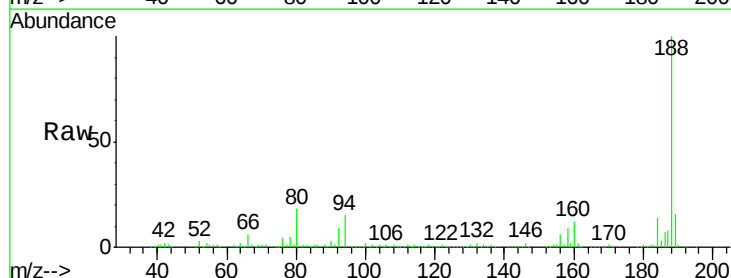


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

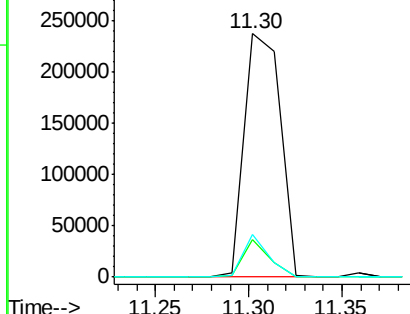
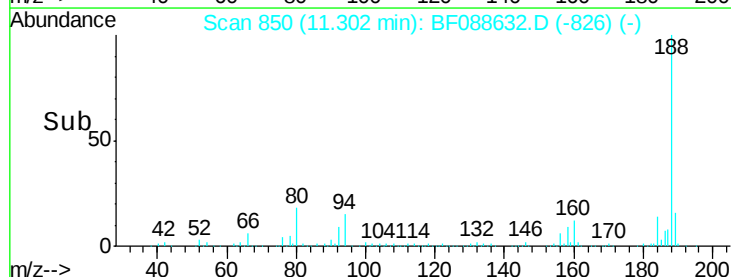


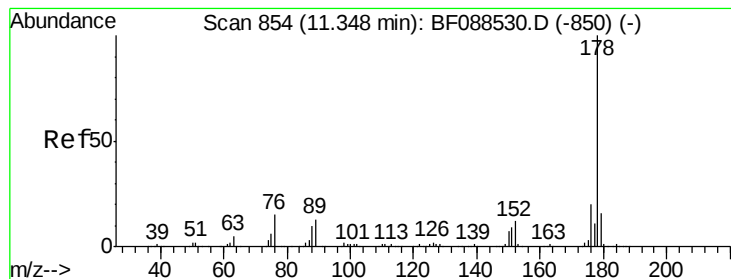
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088632.D
Acq: 2 Jul 2016 22:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.4	9.0	13.6#
80	17.5	10.0	15.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.17 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

Instrument :

BNA_F

ClientSampleId :

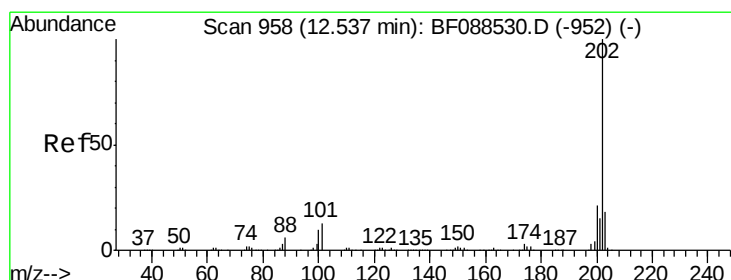
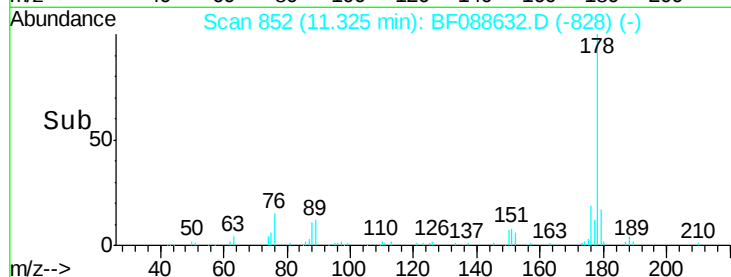
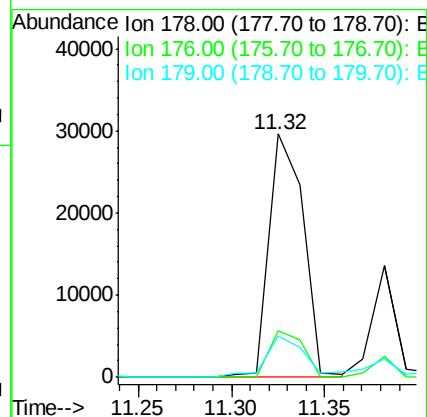
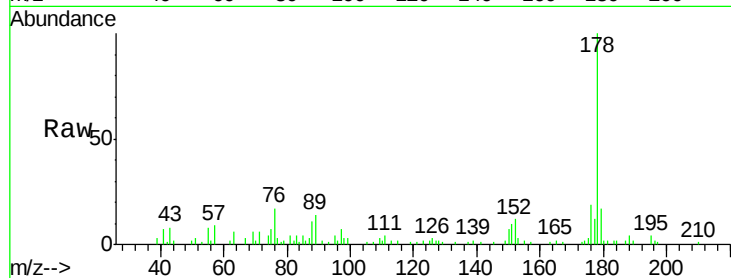
C1.2-8

Tgt Ion:	178	Resp:	37647
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.6
179	17.3	13.0	19.4

Manual Integrations

umangi

7/5/2016 7:35:55 PM



#74

Fluoranthene

Concen: 2.67 ng

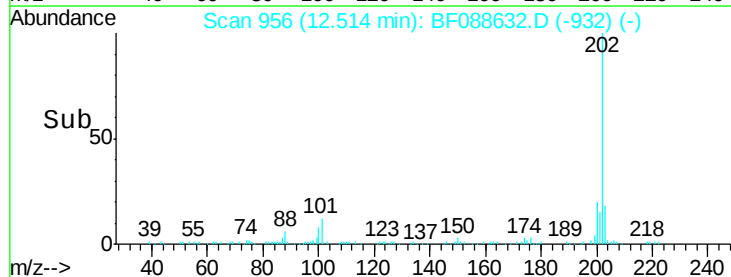
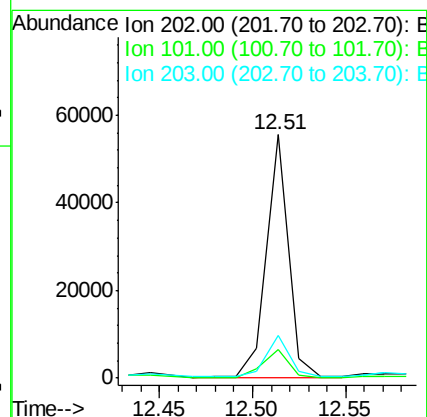
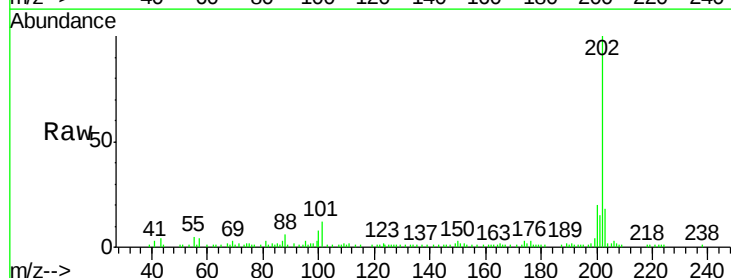
RT: 12.51 min Scan# 956

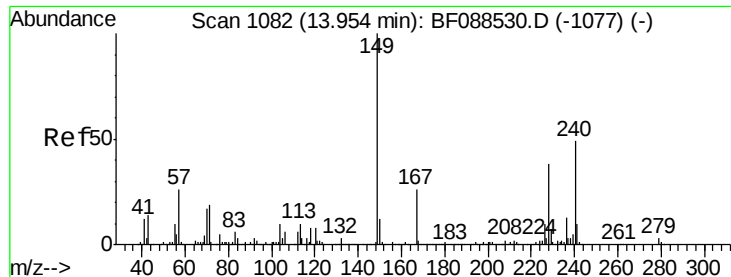
Delta R.T. -0.02 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

Tgt Ion:	202	Resp:	47023
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

Instrument :

BNA_F

ClientSampled :

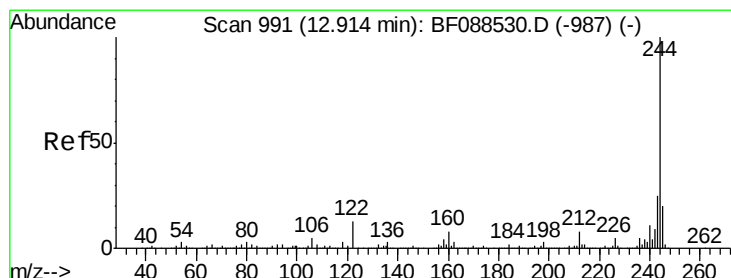
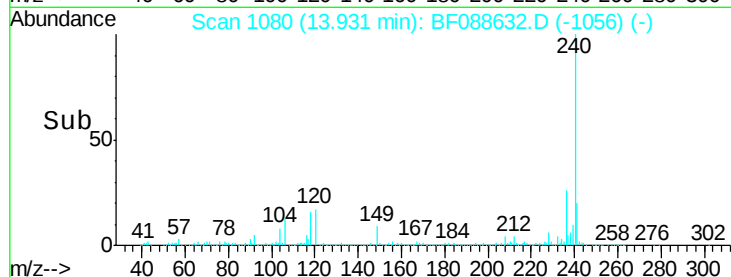
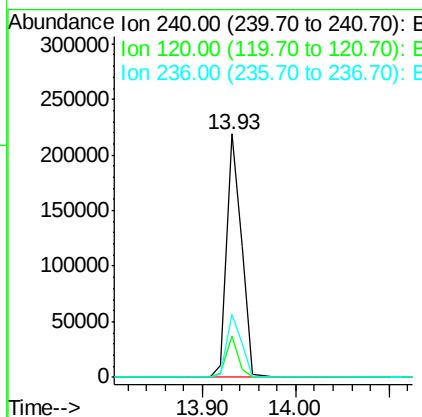
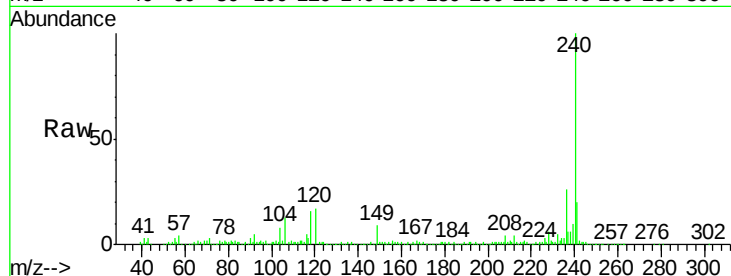
C1.2-8

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.1	6.8	10.2#
236	25.9	20.2	30.2

Manual Integrations

umangi

7/5/2016 7:35:55 PM



#78

Terphenyl-d14

Concen: 59.30 ng

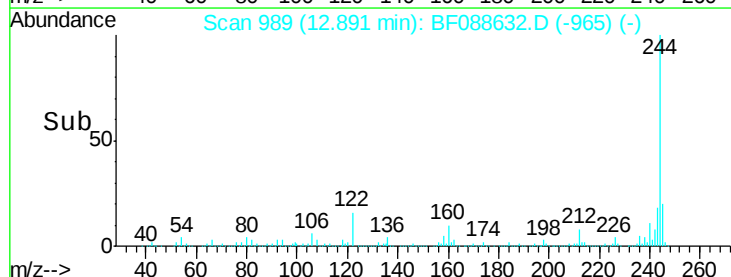
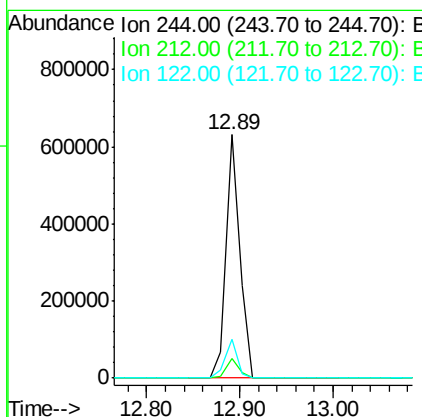
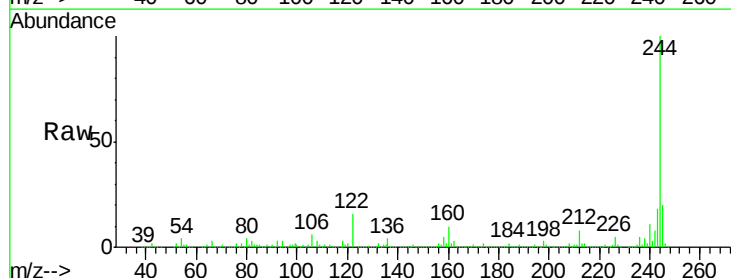
RT: 12.89 min Scan# 989

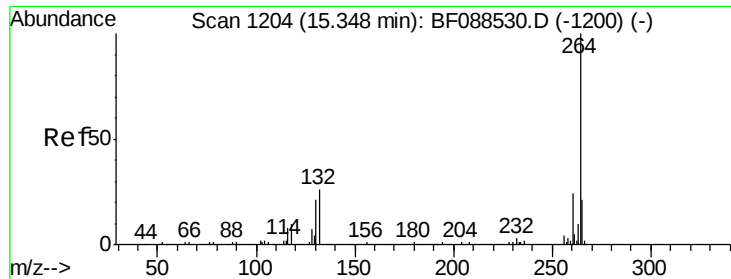
Delta R.T. -0.02 min

Lab File: BF088632.D

Acq: 2 Jul 2016 22:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	16.0	11.2	16.8





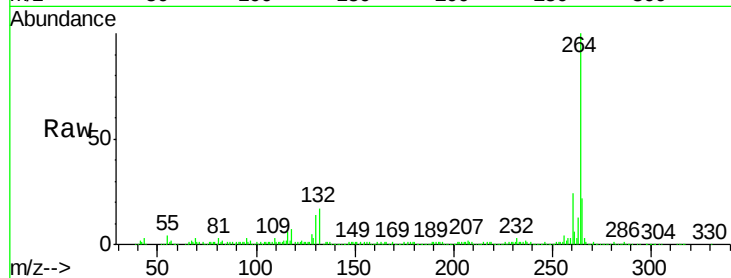
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF088632.D
Acq: 2 Jul 2016 22:30

Instrument :
BNA_F
ClientSampled :
C1.2-8

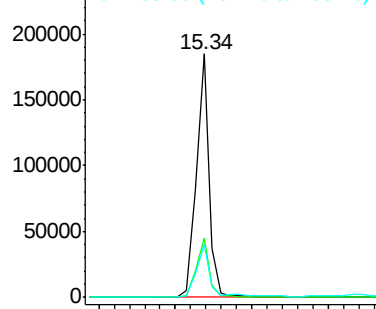
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	16.9	25.3

Manual Integrations

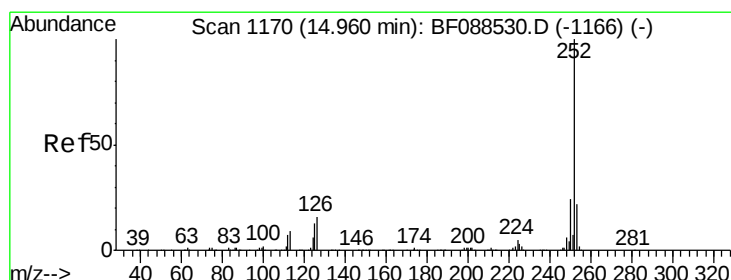
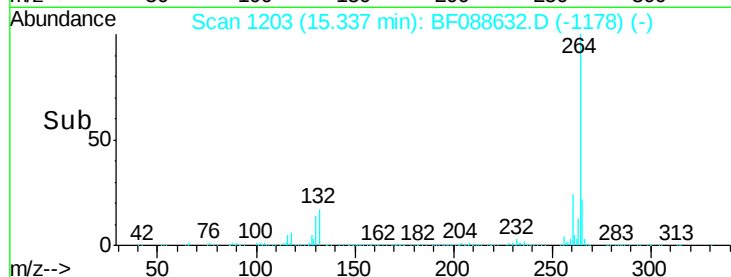
umangi
7/5/2016 7:35:55 PM



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



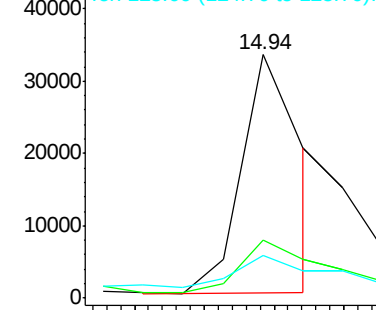
Time-->



#87
Benzo(b)fluoranthene
Concen: 2.87 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF088632.D
Acq: 2 Jul 2016 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	17.7	7.1	10.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

