

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082502.D
 Acq On : 24 Oct 2015 9:38
 Operator : UM/IZ
 Sample : G4116-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:22:52 PM

Quant Time: Oct 25 00:39:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	110313	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	406412	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	183710	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	320478	20.00	ng	0.00
75) Chrysene-d12	13.96	240	237516	20.00	ng	-0.08
86) Perylene-d12	15.46	264	234365	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	569459	104.18	ng	0.01
7) Phenol-d6	6.41	99	688933	96.86	ng	-0.01
23) Nitrobenzene-d5	7.33	82	430815	71.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	139845	81.17	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	779434	70.36	ng	-0.01
78) Terphenyl-d14	12.88	244	546220	60.94	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	193531	14.96	ng	99
74) Fluoranthene	12.50	202	52736	3.13	ng	98
77) Pyrene	12.73	202	47788	3.39	ng	98
80) Benzo(a)anthracene	13.94	228	24854	2.01	ng	96
82) Chrysene	13.99	228	26082	2.00	ng	97
87) Benzo(b)fluoranthene	15.05	252	37617m	2.64	ng	

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

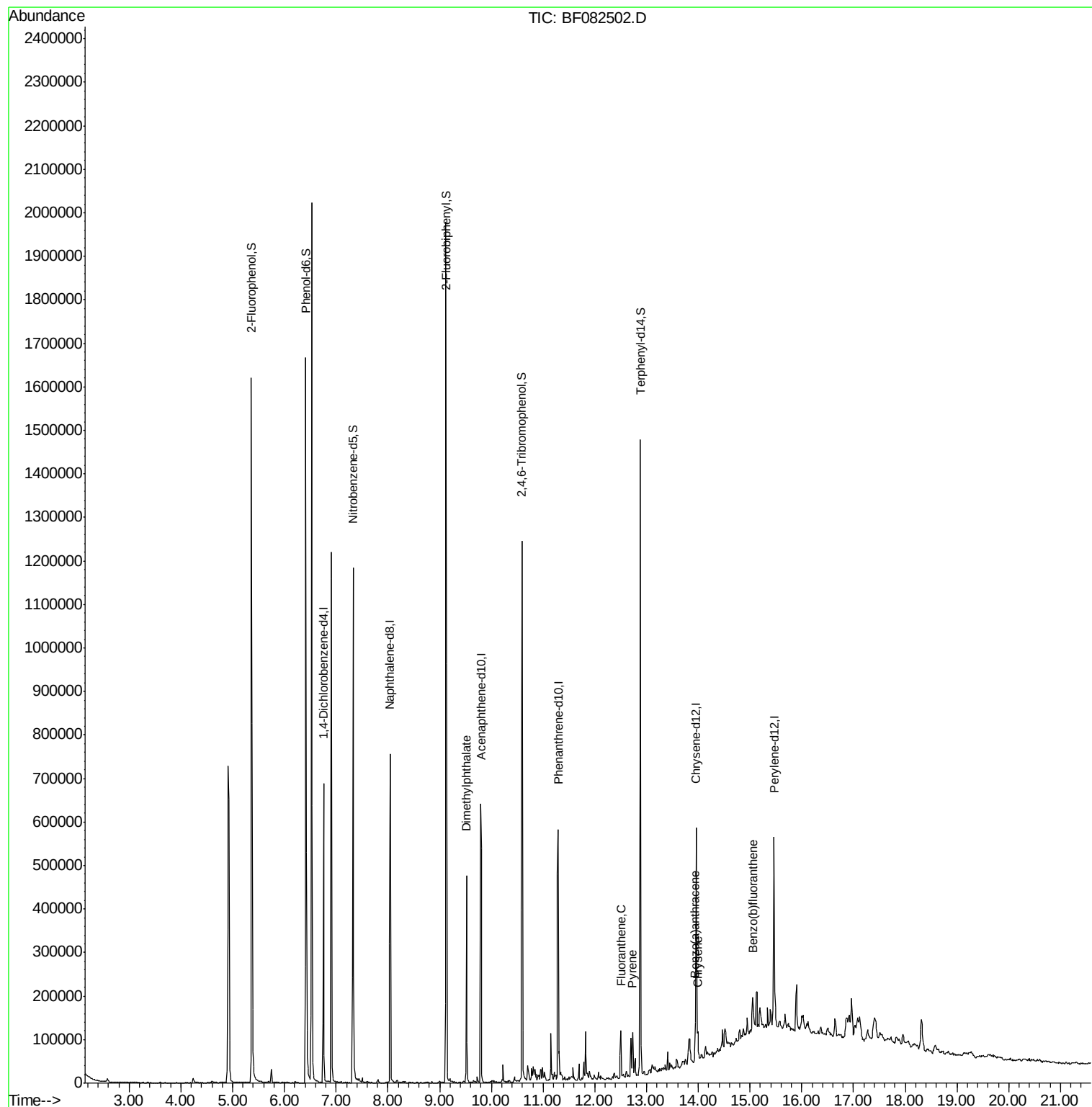
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082502.D
Acq On : 24 Oct 2015 9:38
Operator : UM/IZ
Sample : G4116-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

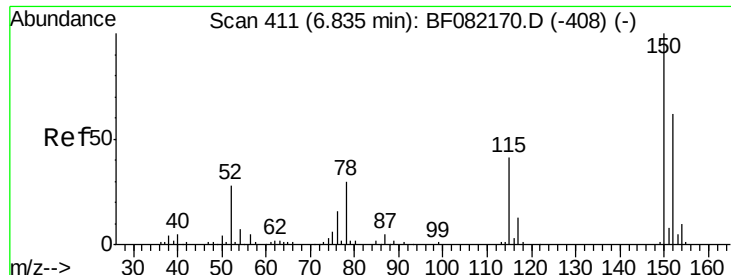
Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:52 PM

Quant Time: Oct 25 00:39:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082502.D

Acq: 24 Oct 2015 9:38

Instrument :

BNA_F

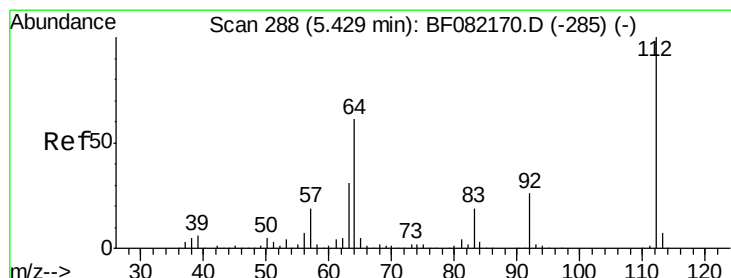
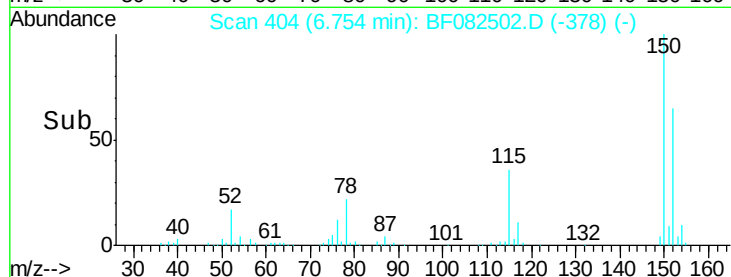
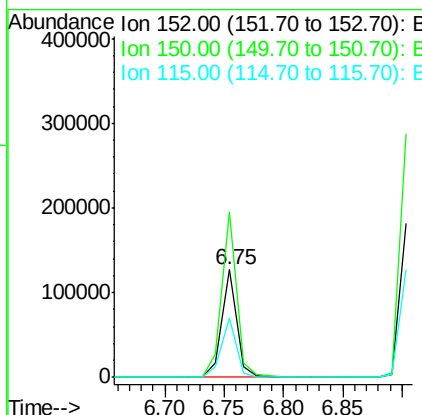
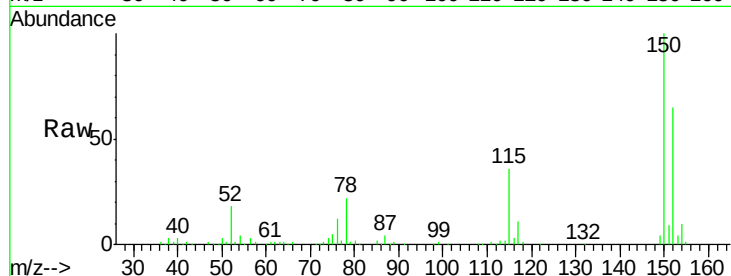
ClientSampleId :

BT-03(0-2)

Tgt	Ion:152	Resp:	110313
Ion	Ratio	Lower	Upper
152	100		
150	153.4	129.0	193.4
115	55.2	52.1	78.1

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:52 PM



#5

2-Fluorophenol

Concen: 104.18 ng

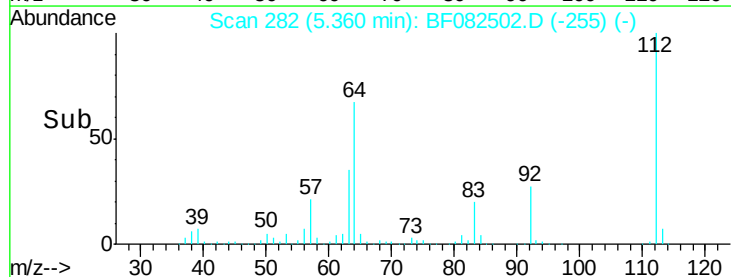
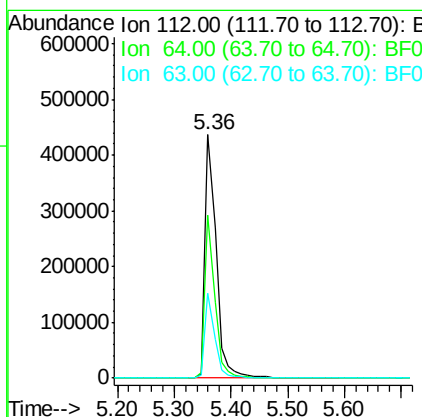
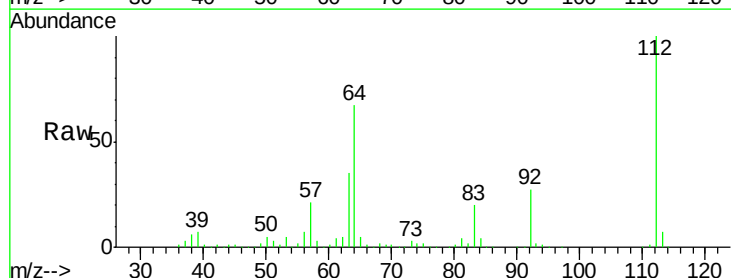
RT: 5.36 min Scan# 282

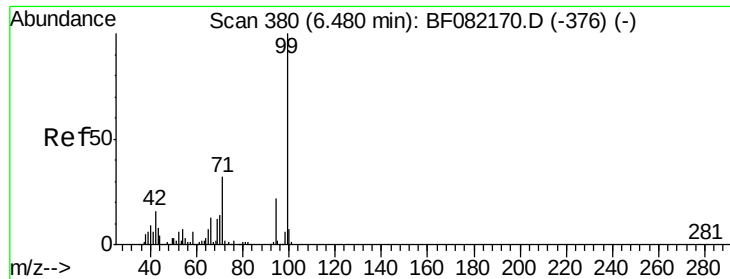
Delta R.T. 0.01 min

Lab File: BF082502.D

Acq: 24 Oct 2015 9:38

Tgt	Ion:112	Resp:	569459
Ion	Ratio	Lower	Upper
112	100		
64	66.7	48.6	73.0
63	35.1	25.1	37.7





#7

Phenol-d6

Concen: 96.86 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082502.D

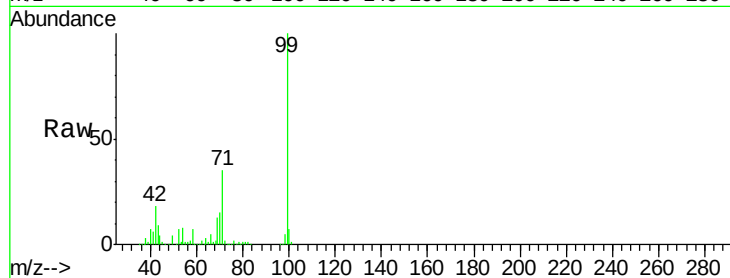
Acq: 24 Oct 2015 9:38

Instrument :

BNA_F

ClientSampleId :

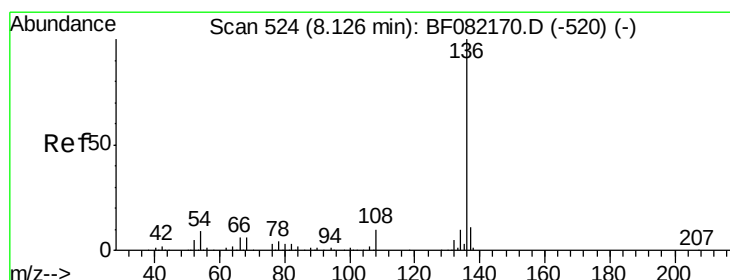
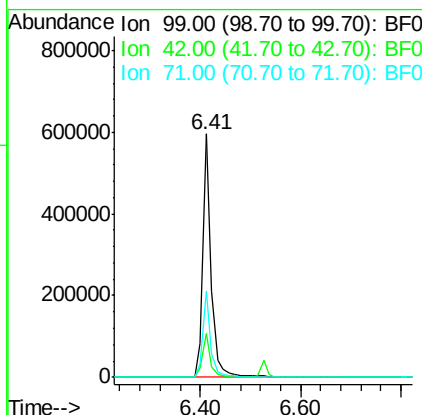
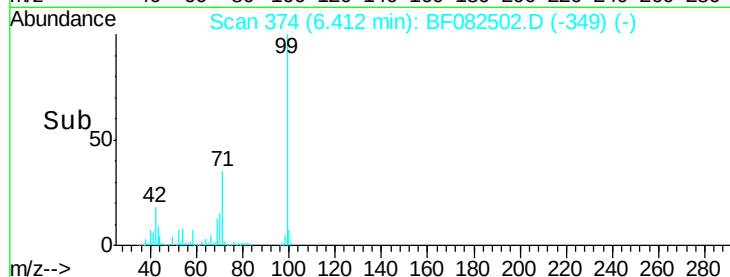
BT-03(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	688933		
42	18.3	13.2	19.8	
71	35.2	25.6	38.4	

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:52 PM



#21

Naphthalene-d8

Concen: 20.00 ng

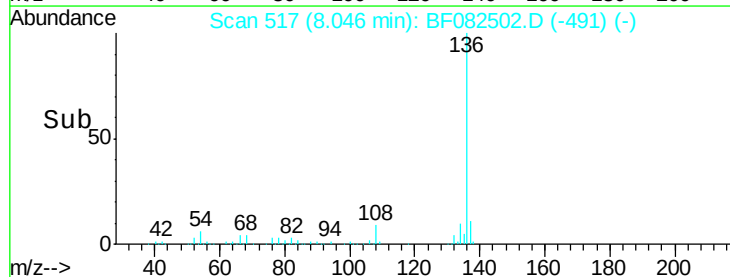
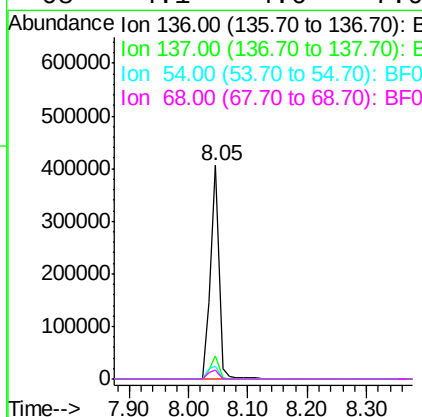
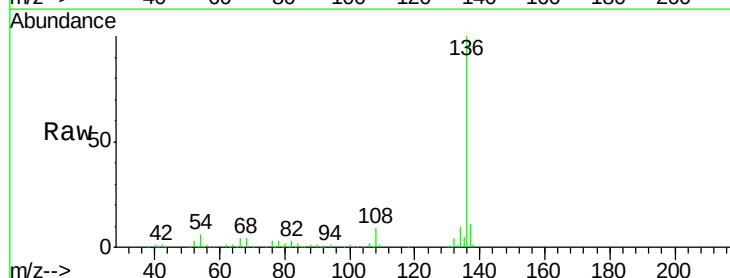
RT: 8.05 min Scan# 517

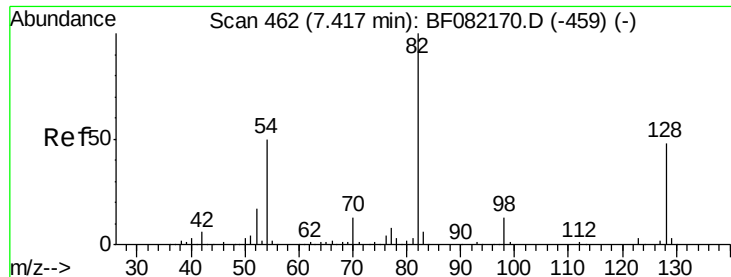
Delta R.T. 0.00 min

Lab File: BF082502.D

Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	406412		
137	10.7	9.0	13.6	
54	6.1	7.5	11.3#	
68	4.1	4.6	7.0#	





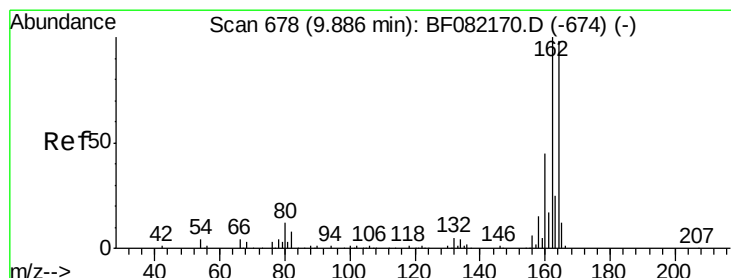
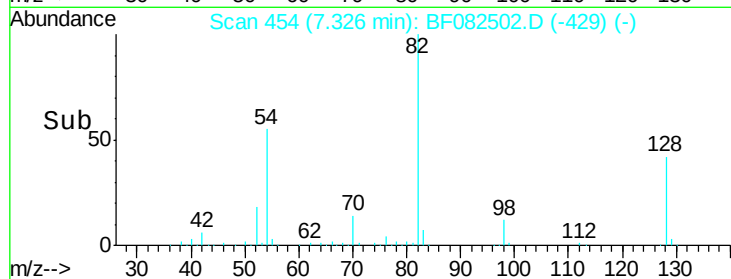
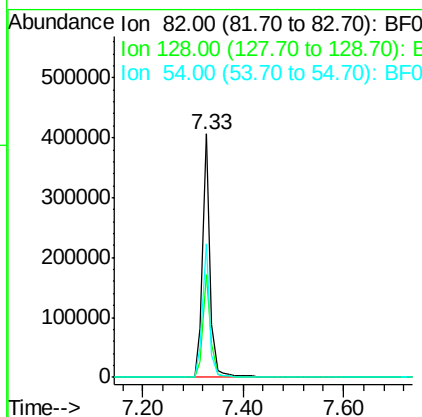
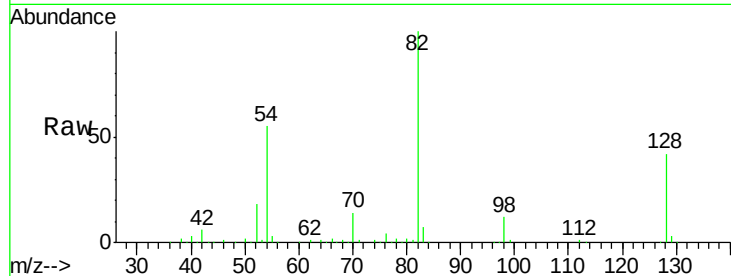
#23
 Nitrobenzene-d5
 Concen: 71.19 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082502.D
 Acq: 24 Oct 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	430815		
128	42.3	38.7	58.1	
54	54.9	40.1	60.1	

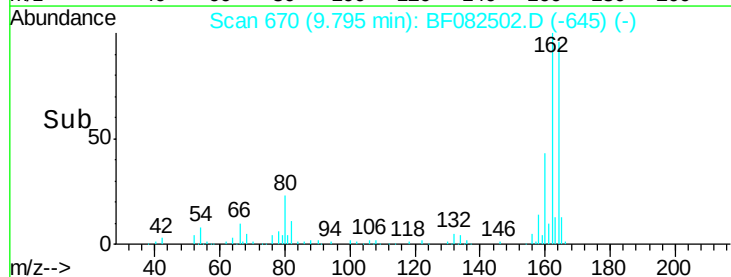
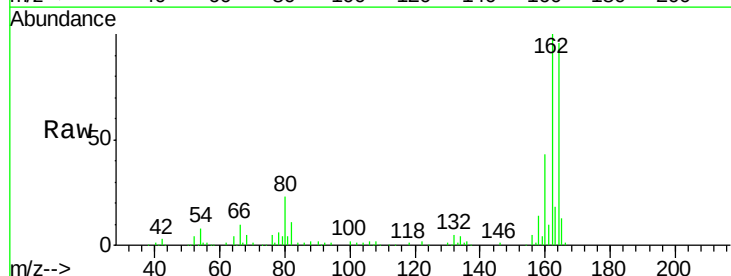
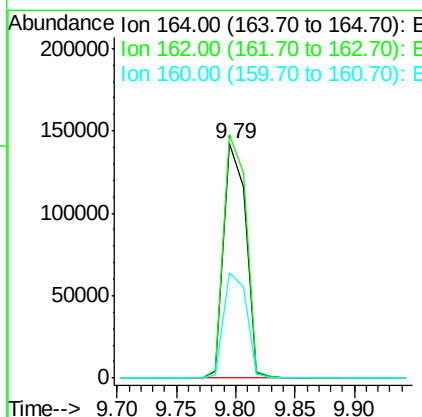
Manual Integrations
 APPROVED

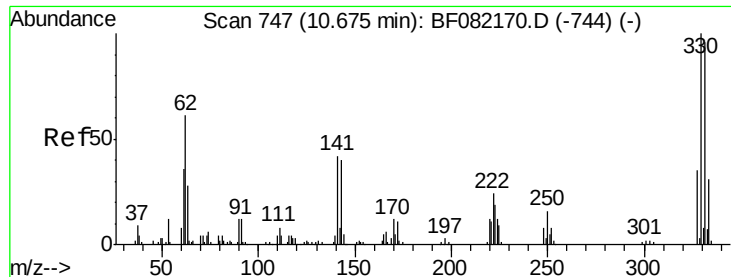
MmDadoda
 10/26/2015 7:22:52 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082502.D
 Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183710		
162	103.8	81.6	122.4	
160	44.7	36.4	54.6	





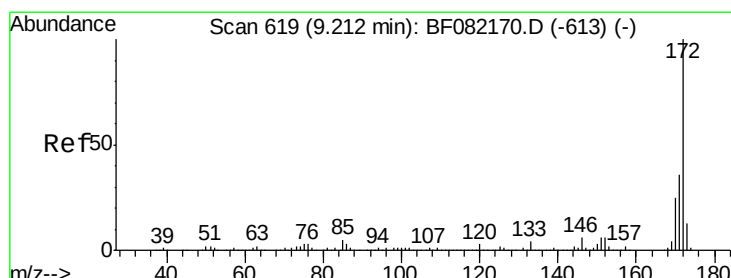
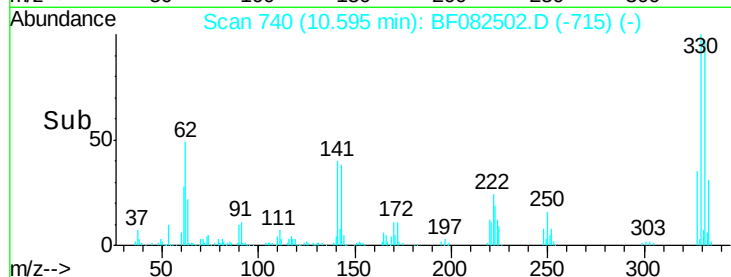
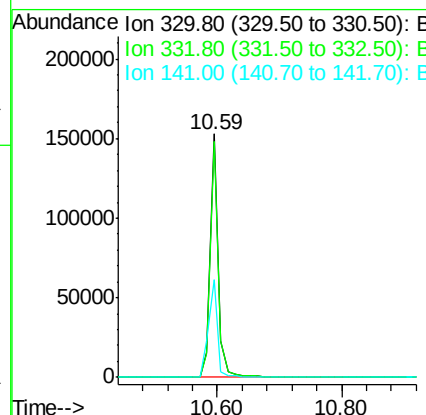
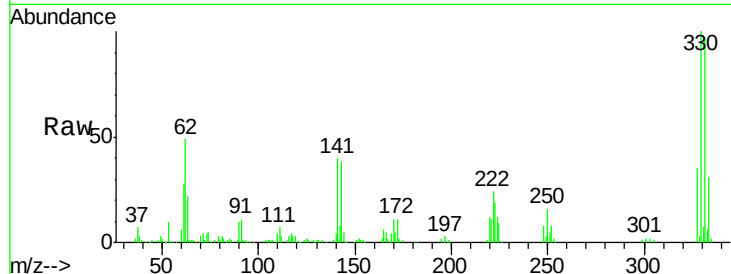
#41
 2,4,6-Tribromophenol
 Concen: 81.17 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082502.D
 Acq: 24 Oct 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 BT-03(0-2)

Tgt	Ion	Ratio	Resp	Lower	Upper
330	100		139845		
332	96.0	77.1	115.7		
141	44.4	29.8	44.8		

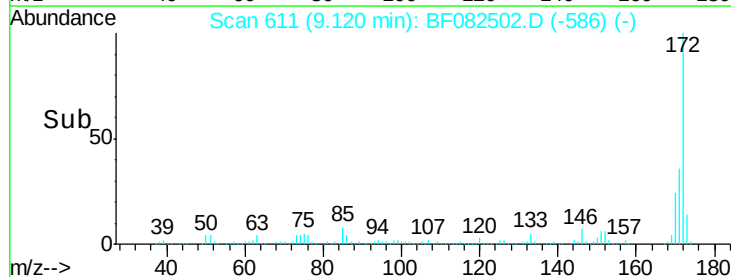
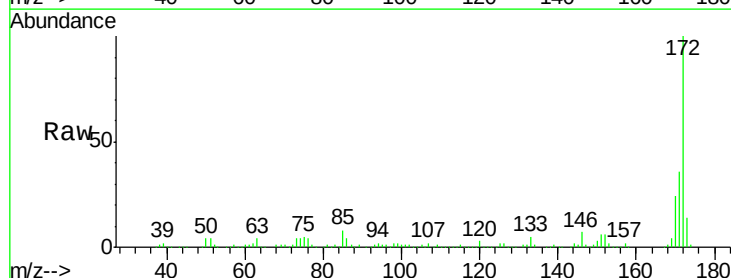
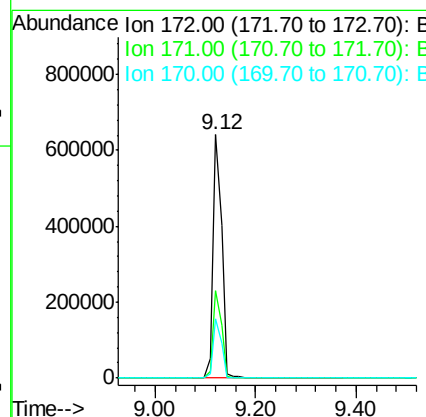
Manual Integrations
 APPROVED

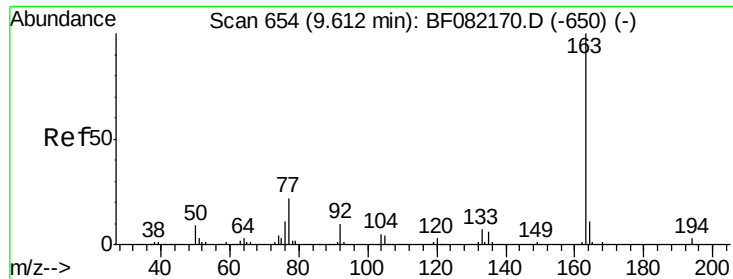
MmDadoda
 10/26/2015 7:22:52 PM



#44
 2-Fluorobiphenyl
 Concen: 70.36 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082502.D
 Acq: 24 Oct 2015 9:38

Tgt	Ion	Ratio	Resp	Lower	Upper
172	100		779434		
171	35.8	28.6	42.8		
170	24.1	19.7	29.5		





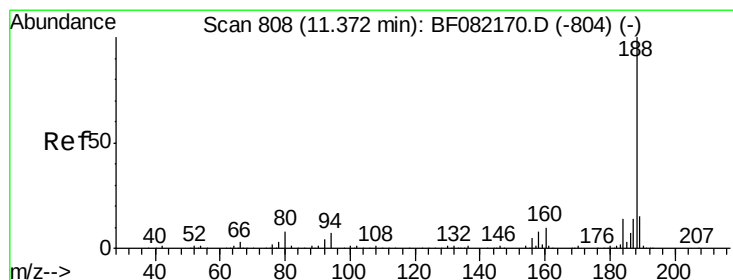
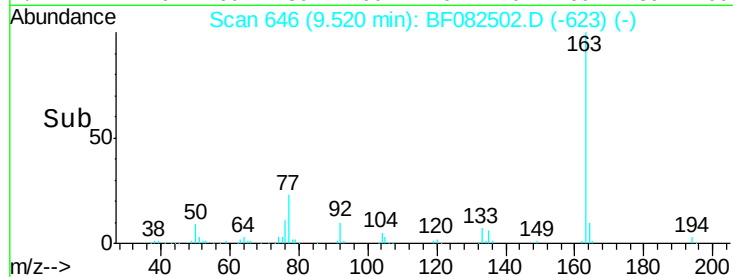
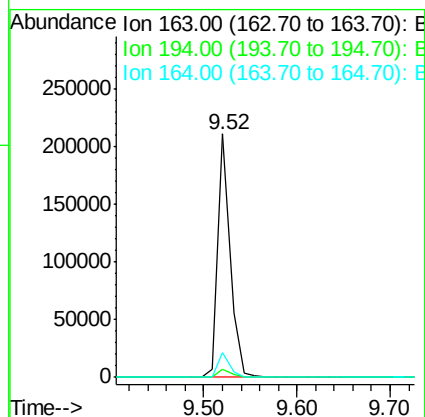
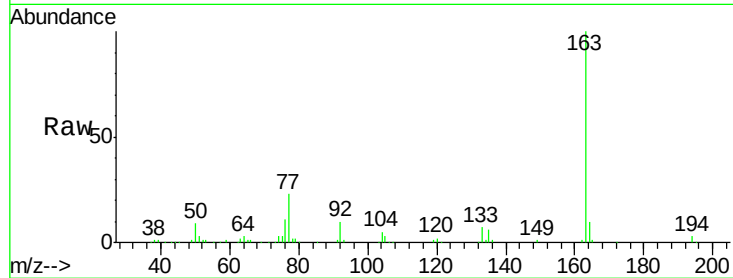
#49
Dimethylphthalate
Concen: 14.96 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.5	12.7

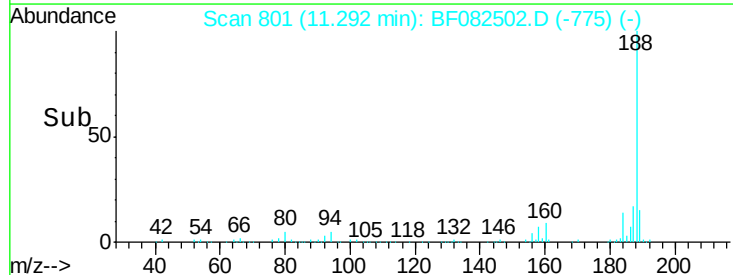
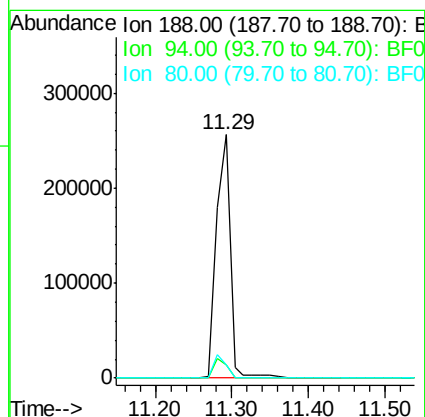
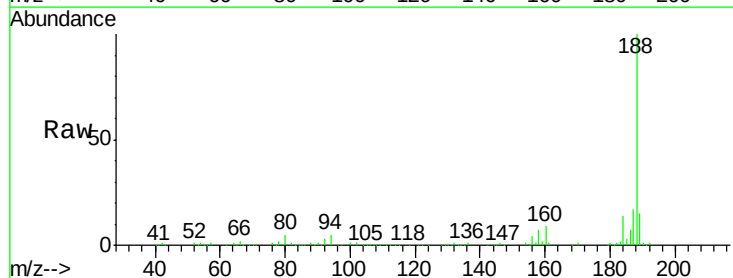
Manual Integrations
APPROVED

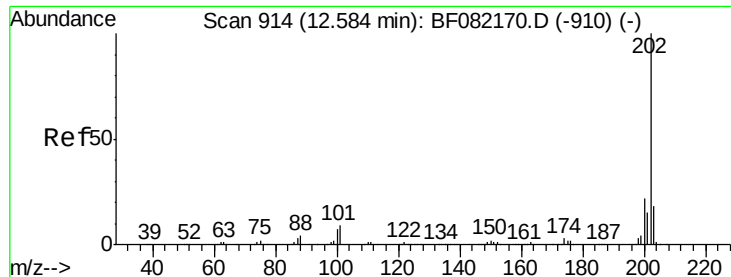
MmDadoda
10/26/2015 7:22:52 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.3	5.8	8.6#
80	5.5	6.4	9.6#





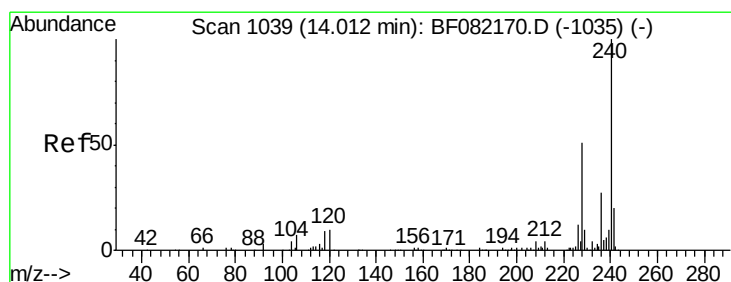
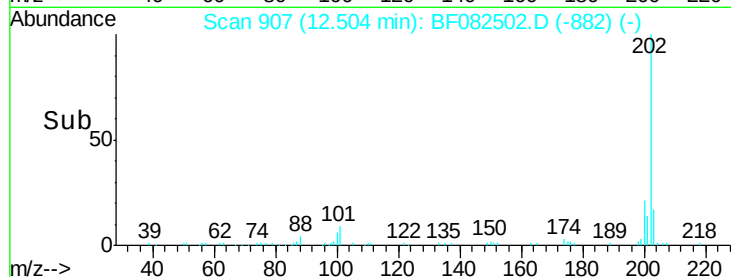
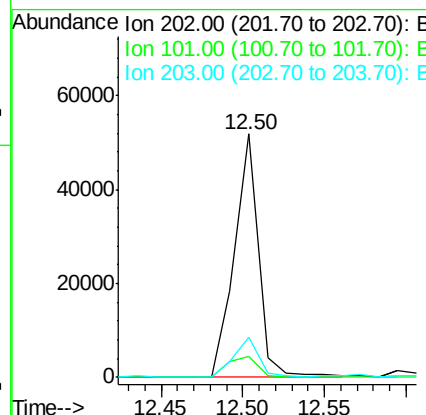
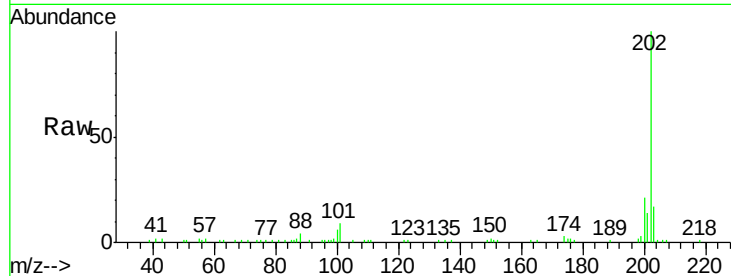
#74
Fluoranthene
Concen: 3.13 ng
RT: 12.50 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	0.0	29.3
203	16.5	0.0	37.8

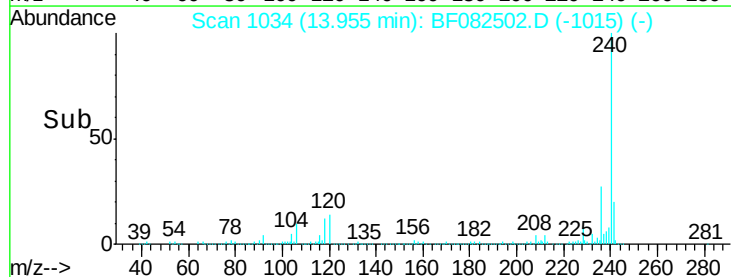
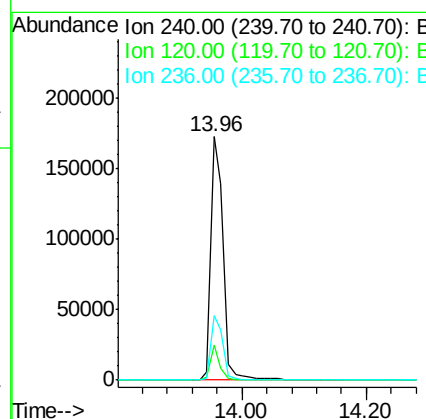
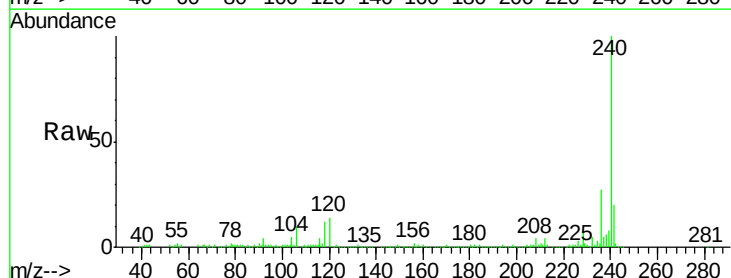
Manual Integrations
APPROVED

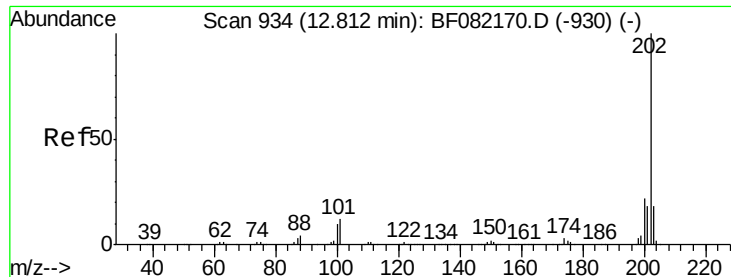
MmDadoda
10/26/2015 7:22:52 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.5	8.1	12.1#
236	26.5	21.3	31.9





#77

Pyrene

Concen: 3.39 ng

RT: 12.73 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF082502.D

Acq: 24 Oct 2015 9:38

Instrument :

BNA_F

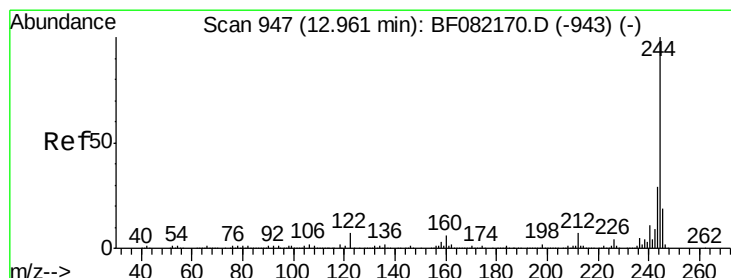
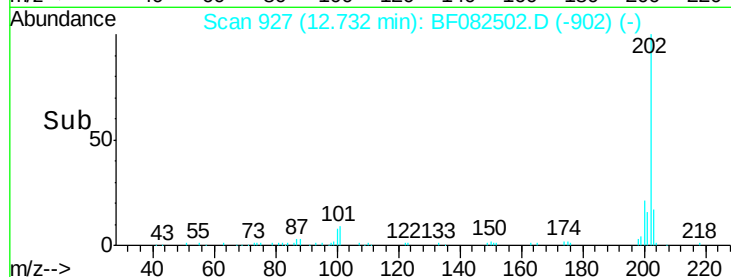
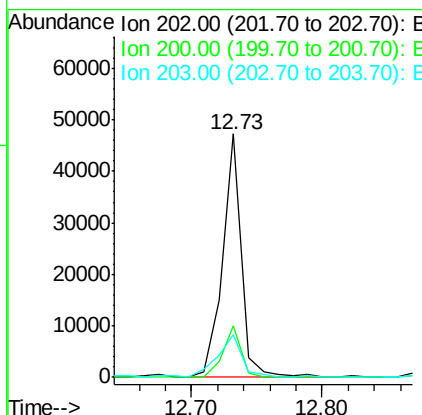
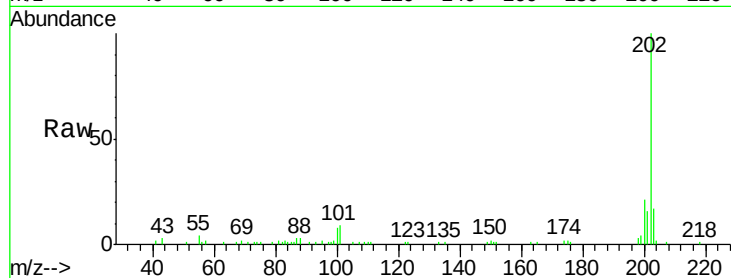
ClientSampleId :

BT-03(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	47788		
200	21.1		17.9	26.9
203	17.4		14.5	21.7

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:52 PM



#78

Terphenyl-d14

Concen: 60.94 ng

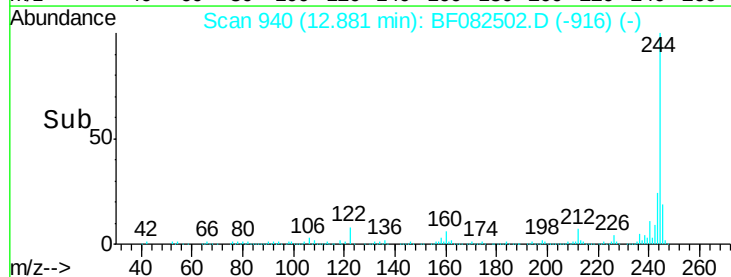
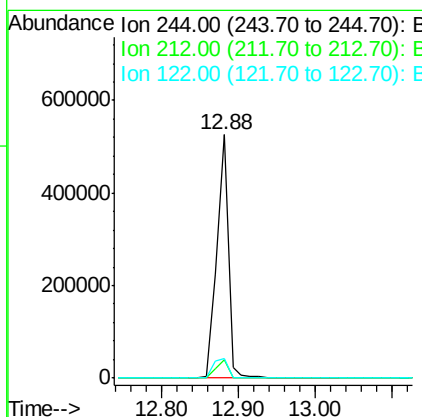
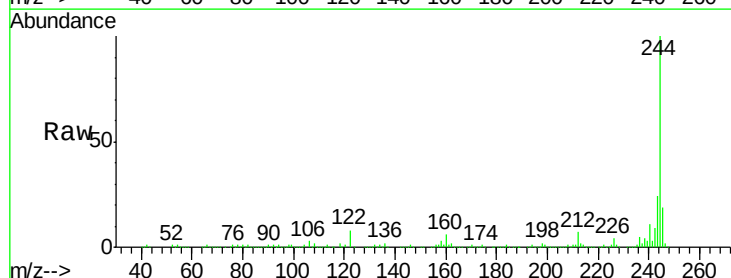
RT: 12.88 min Scan# 940

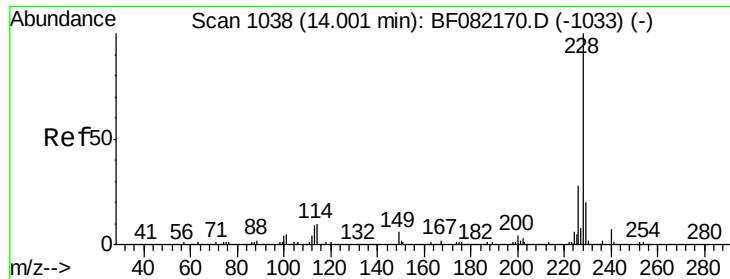
Delta R.T. -0.02 min

Lab File: BF082502.D

Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	546220		
212	7.5		5.8	8.6
122	8.0		5.9	8.9





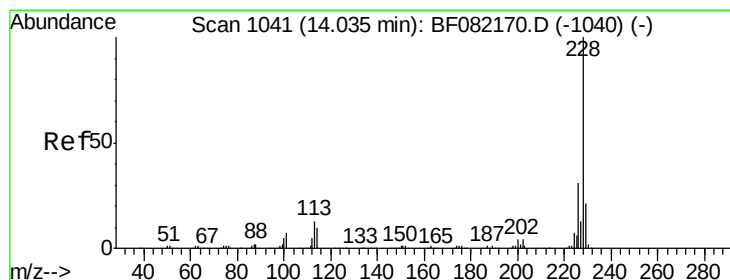
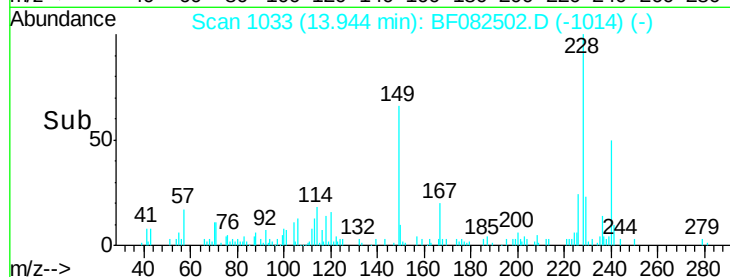
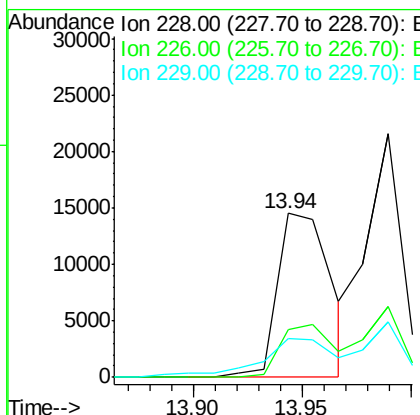
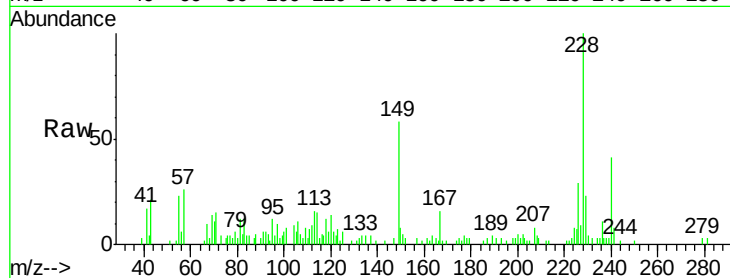
#80
Benzo(a)anthracene
Concen: 2.01 ng
RT: 13.94 min Scan# 1033
Delta R.T. -0.08 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.3	33.5
229	23.4	16.2	24.2

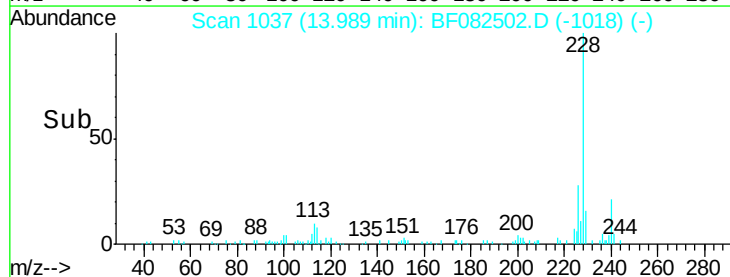
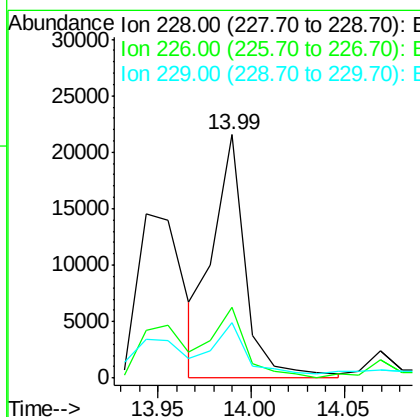
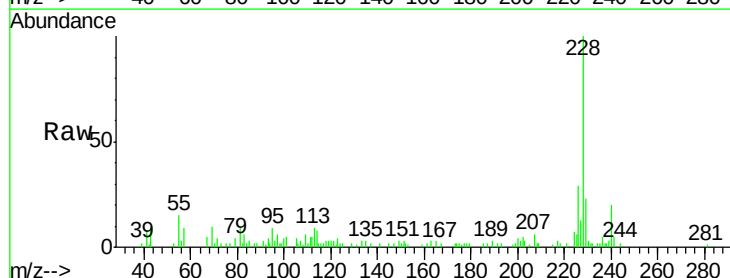
Manual Integrations
APPROVED

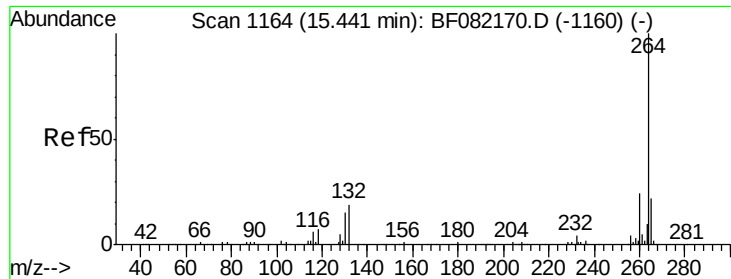
MmDadoda
10/26/2015 7:22:52 PM



#82
Chrysene
Concen: 2.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	22.5	16.3	24.5





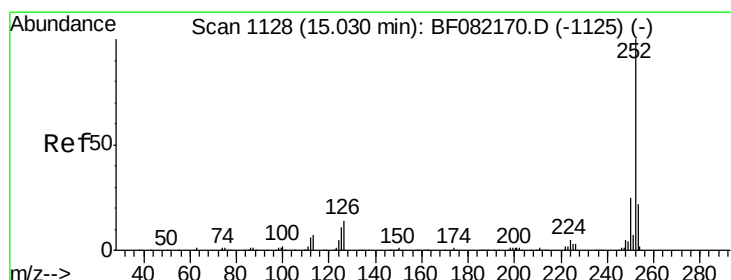
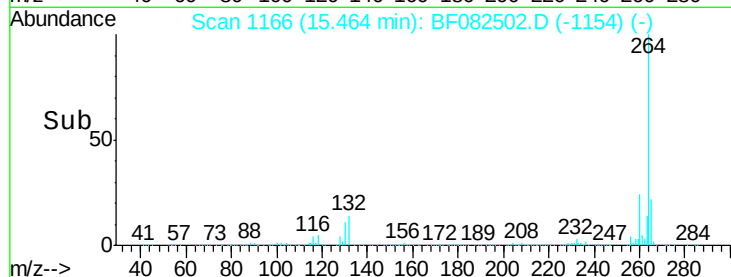
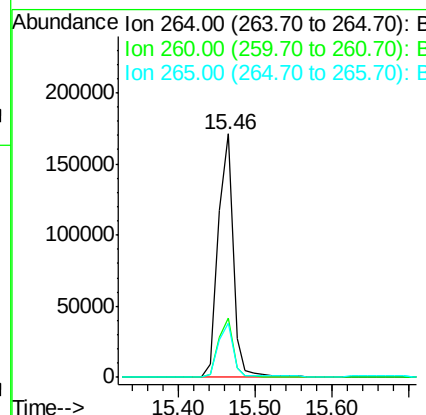
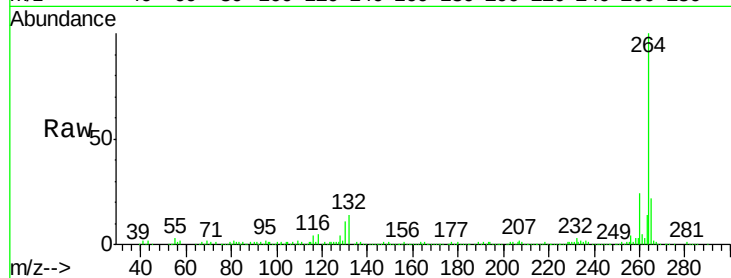
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.16 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Instrument :
BNA_F
ClientSampleId :
BT-03(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.1	17.3	25.9

Manual Integrations
APPROVED

MmDadoda
10/26/2015 7:22:52 PM



#87
Benzo(b)fluoranthene
Concen: 2.64 ng m
RT: 15.05 min Scan# 1130
Delta R.T. -0.15 min
Lab File: BF082502.D
Acq: 24 Oct 2015 9:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.4	8.6	12.8

