

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082481.D
 Acq On : 23 Oct 2015 22:48
 Operator : UM/IZ
 Sample : PB86276BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BL

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:41:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	103499m	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	398795	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215373	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	431307	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	407802	20.00	ng	0.00
86) Perylene-d12	15.44	264	325420	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	581913	113.47	ng	0.00
7) Phenol-d6	6.40	99	721669	108.14	ng	-0.01
23) Nitrobenzene-d5	7.33	82	503957	84.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	212591	105.25	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	953450	73.42	ng	-0.01
78) Terphenyl-d14	12.88	244	1165831	75.76	ng	0.00

Target Compounds Qvalue

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

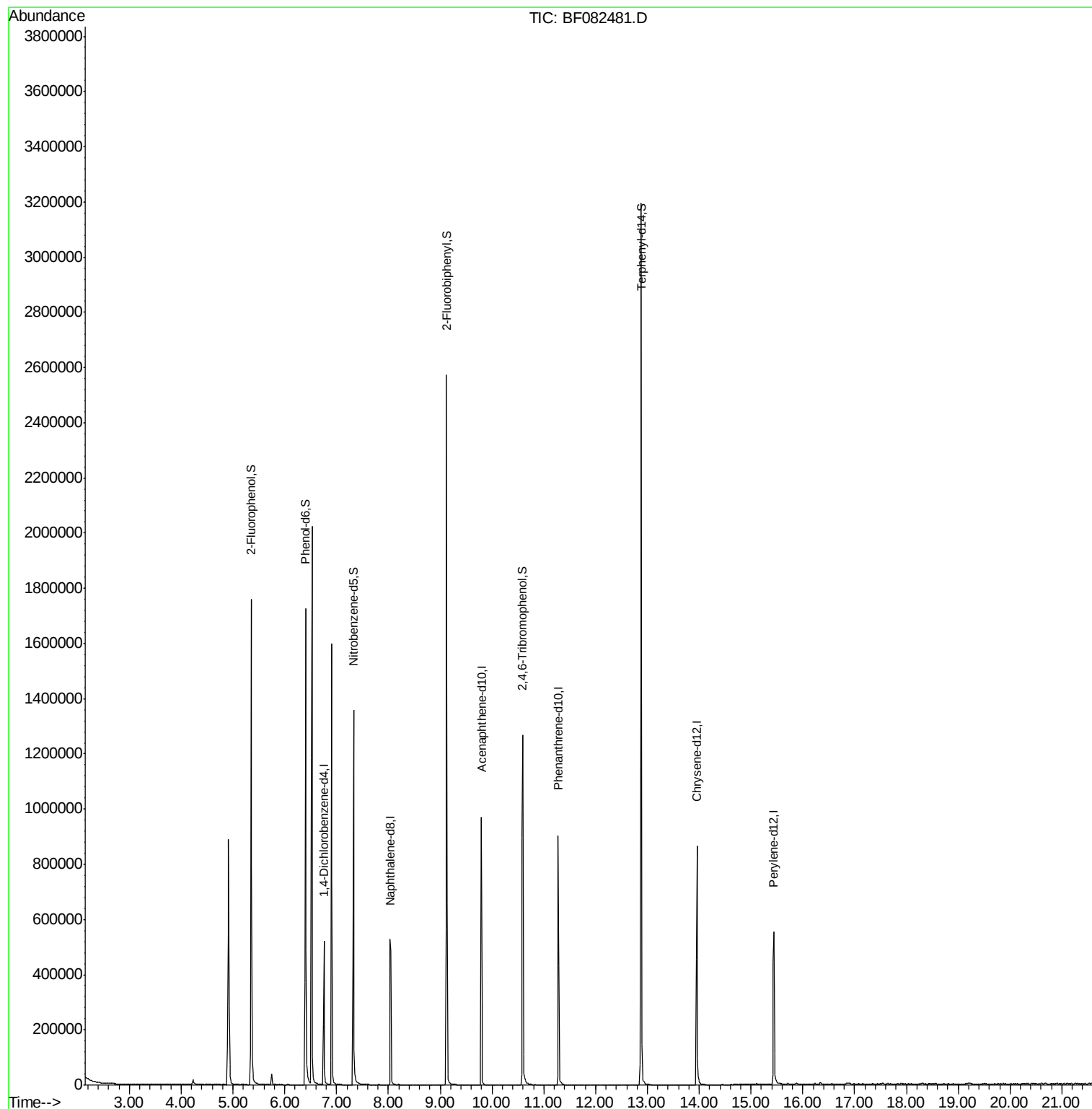
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082481.D
Acq On : 23 Oct 2015 22:48
Operator : UM/IZ
Sample : PB86276BL
Misc :
ALS Vial : 42 Sample Multiplier: 1

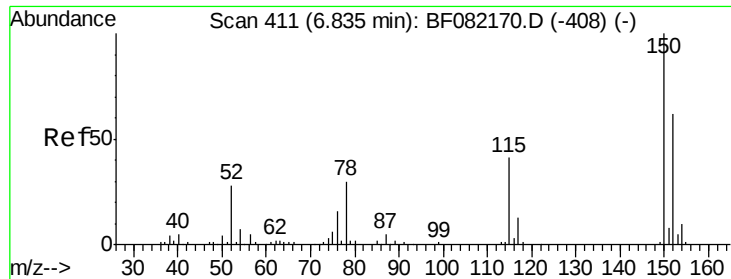
Instrument :
BNA_F
ClientSampleId :
PB86276BL

Manual Integrations
APPROVED

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

Quant Time: Oct 24 05:41:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

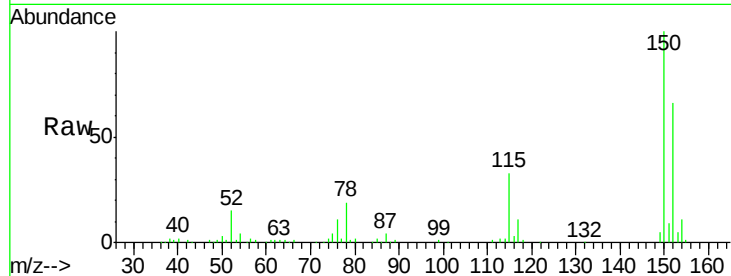




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

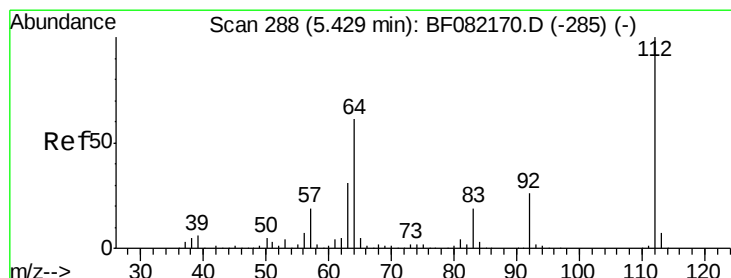
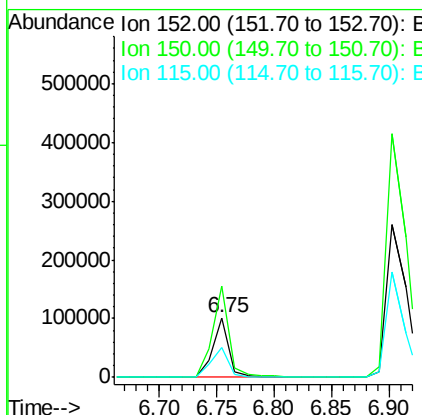
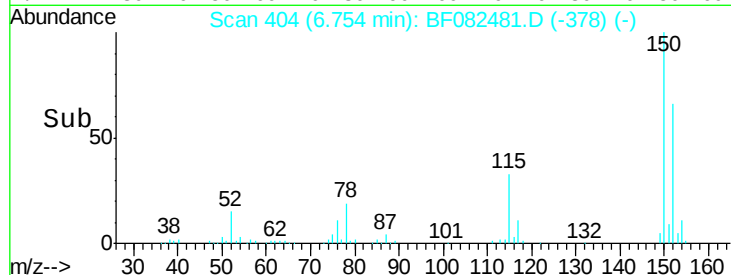
Instrument :
BNA_F
ClientSampleId :
PB86276BL



Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.8	129.0	193.4
115	49.5	52.1	78.1#

Manual Integrations
APPROVED

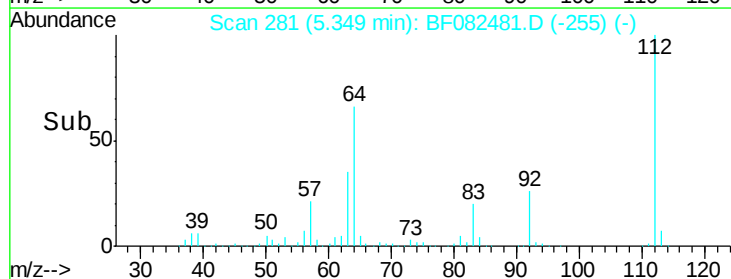
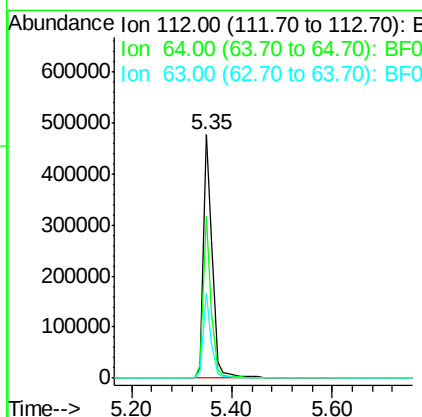
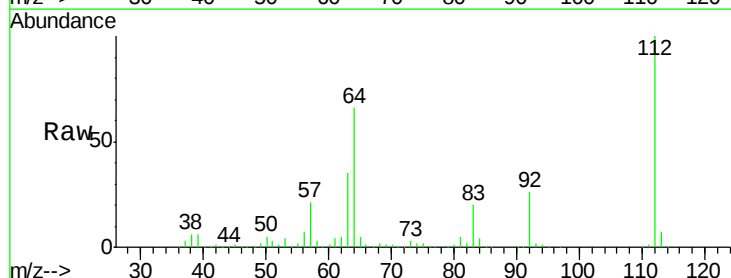
MmDadoda
10/26/2015 7:22:22 PM

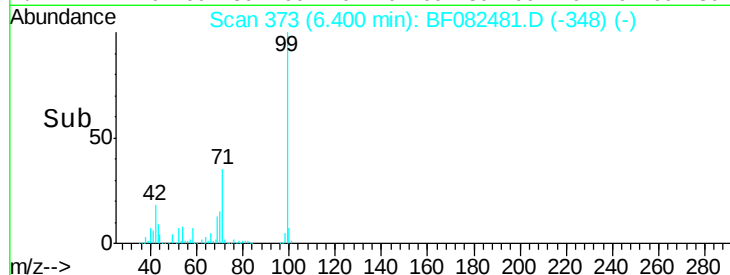
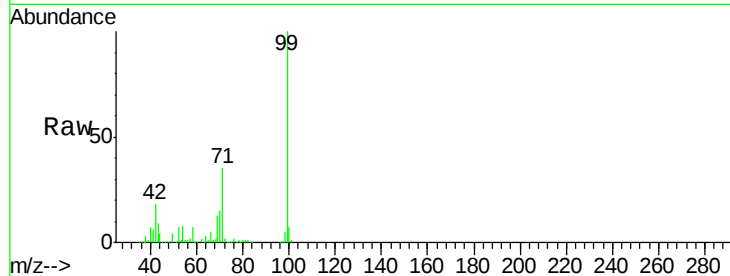
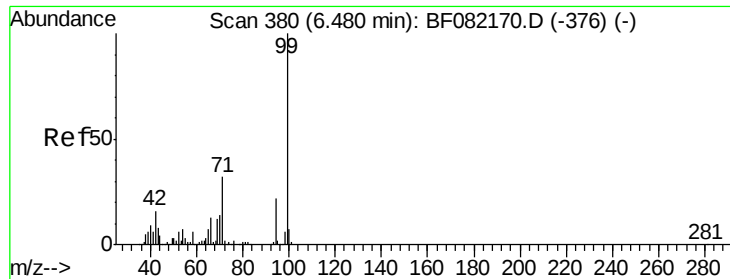


#5

2-Fluorophenol
Concen: 113.47 ng
RT: 5.35 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF082481.D
Acq: 23 Oct 2015 22:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	48.6	73.0
63	35.0	25.1	37.7





#7

Phenol-d6

Concen: 108.14 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Tgt Ion:	99	Resp:	721669
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.2	19.8
71	35.0	25.6	38.4

Instrument :

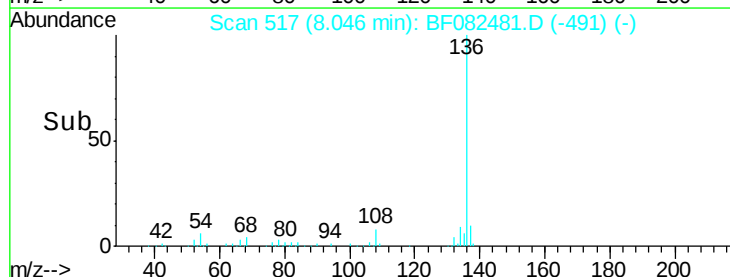
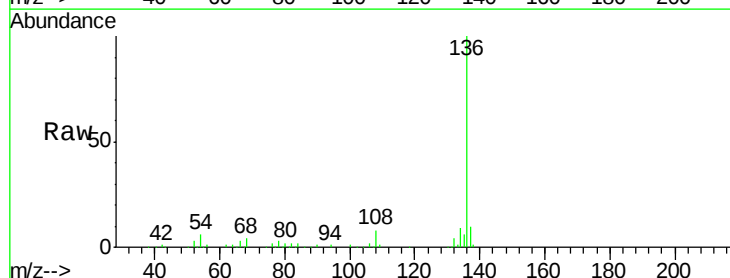
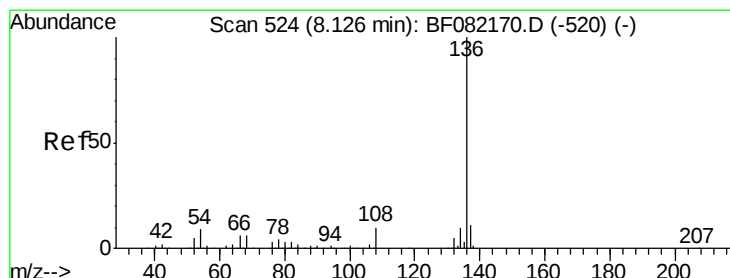
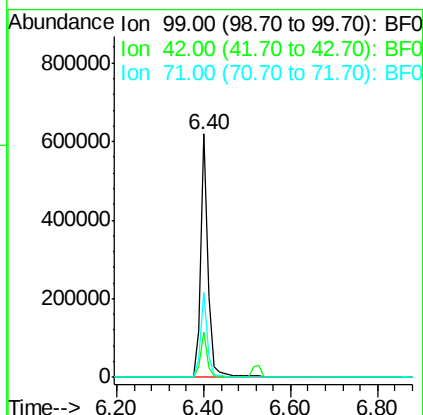
BNA_F

ClientSampleId :

PB86276BL

Manual Integrations
APPROVED

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



#21

Naphthalene-d8

Concen: 20.00 ng

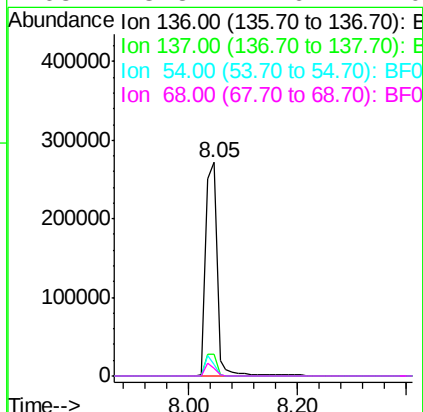
RT: 8.05 min Scan# 517

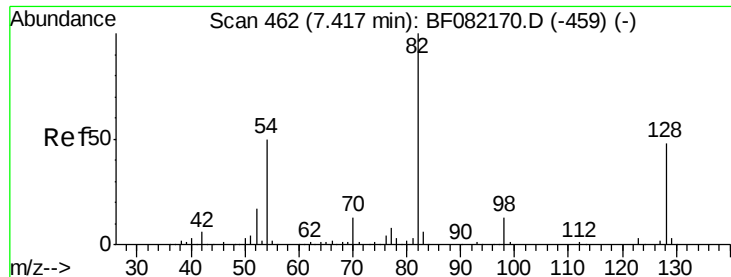
Delta R.T. -0.00 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Tgt Ion:	136	Resp:	398795
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.6
54	5.5	7.5	11.3#
68	3.8	4.6	7.0#





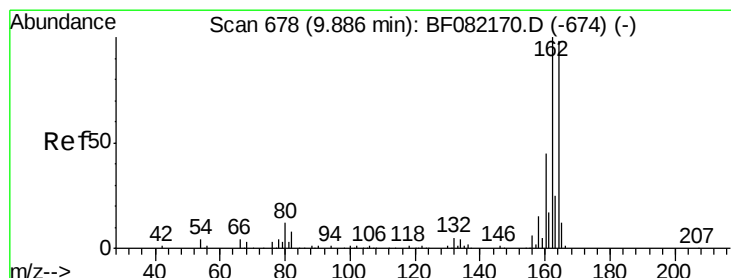
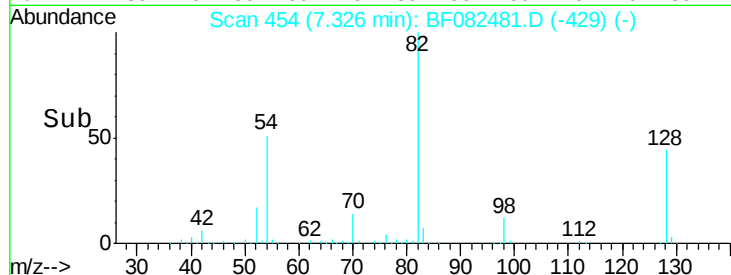
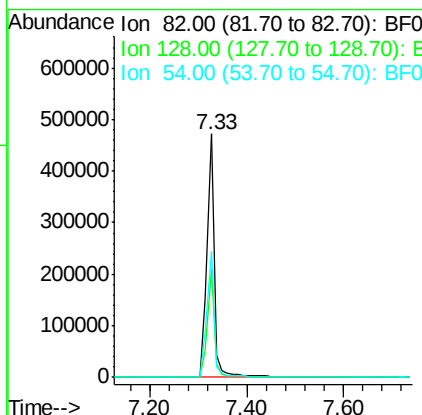
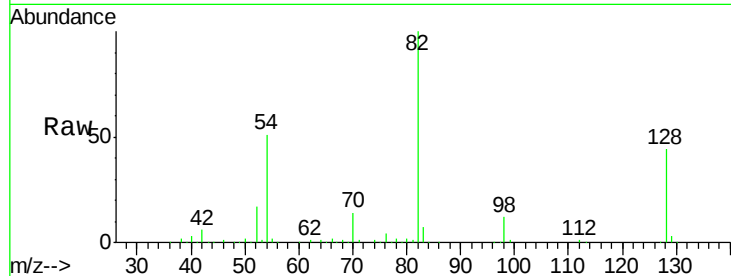
#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	38.7	58.1
54	51.5	40.1	60.1

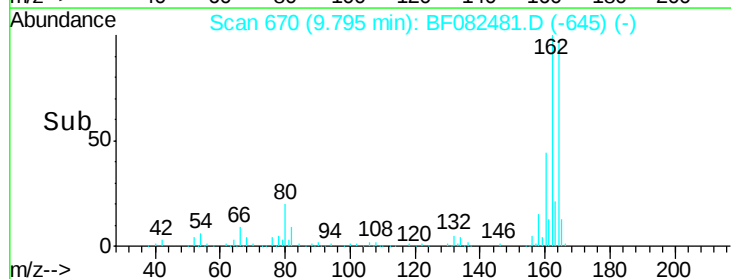
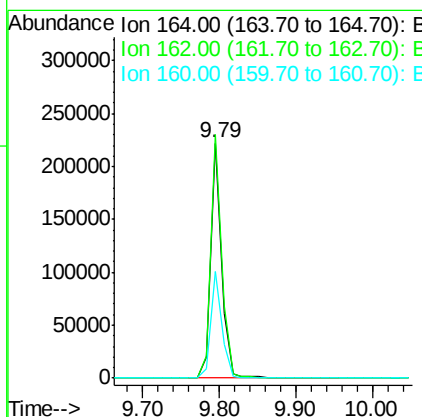
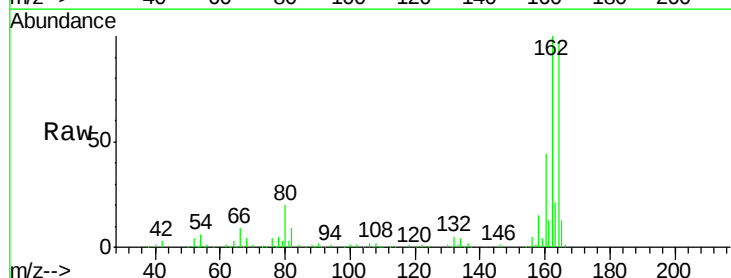
Manual Integrations
 APPROVED

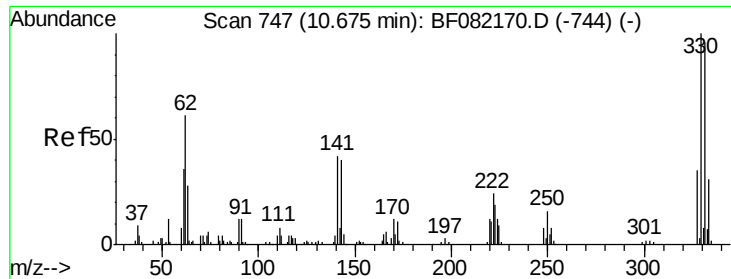
MmDadoda
 10/26/2015 7:22:22 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	45.4	36.4	54.6





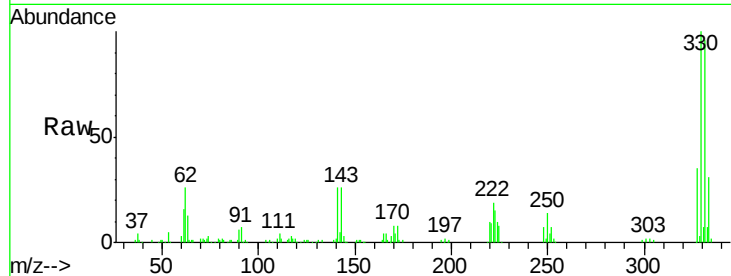
#41
 2,4,6-Tribromophenol
 Concen: 105.25 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86276BL

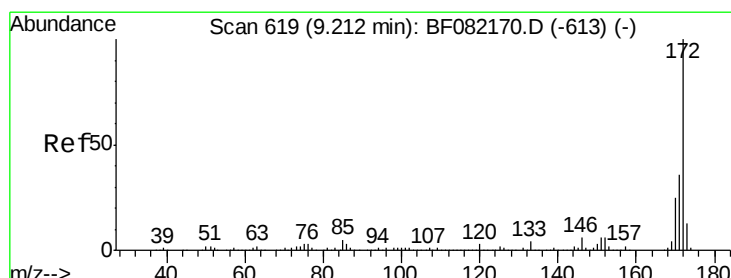
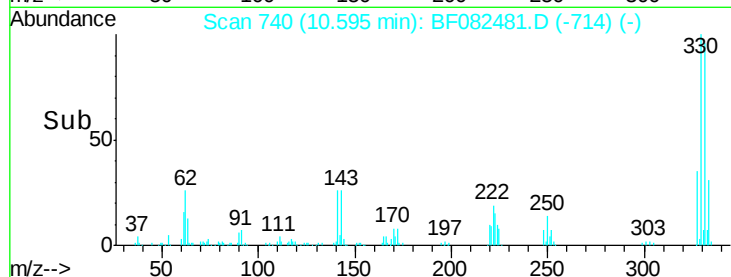
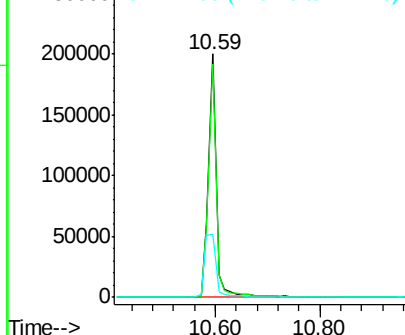
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	39.0	29.8	44.8

Manual Integrations
 APPROVED

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

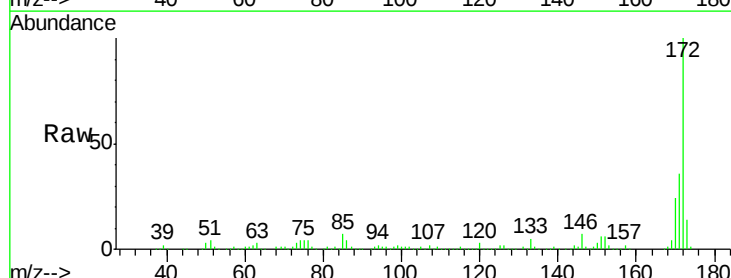


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

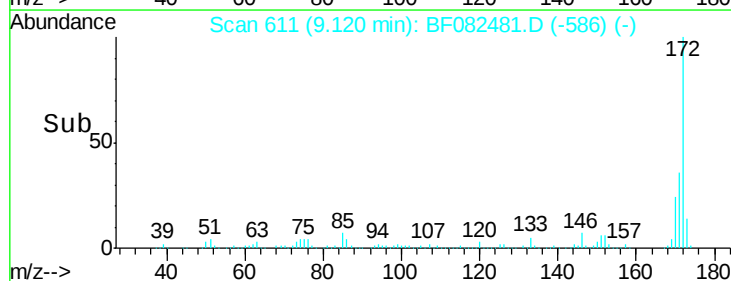
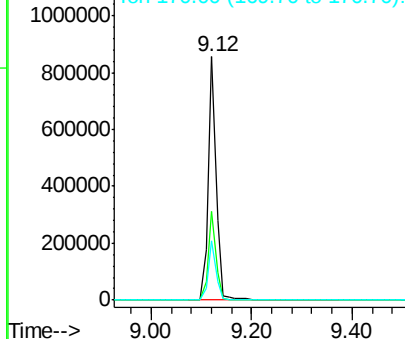


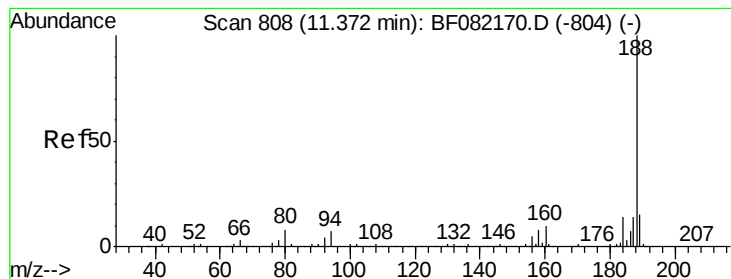
#44
 2-Fluorobiphenyl
 Concen: 73.42 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.4	19.7	29.5



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: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082481.D

Acq: 23 Oct 2015 22:48

Instrument :

BNA_F

ClientSampleId :

PB86276BL

Tgt Ion:188 Resp: 431307
Ion Ratio Lower Upper

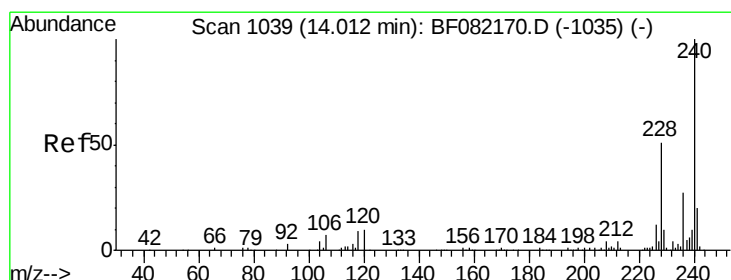
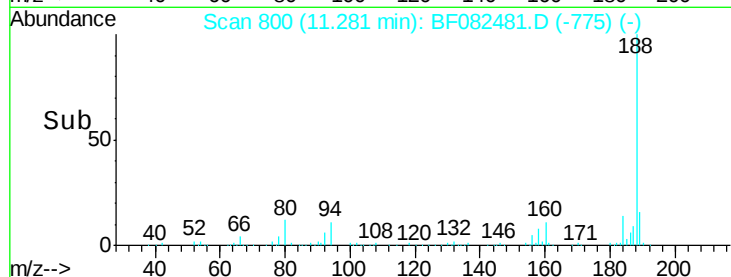
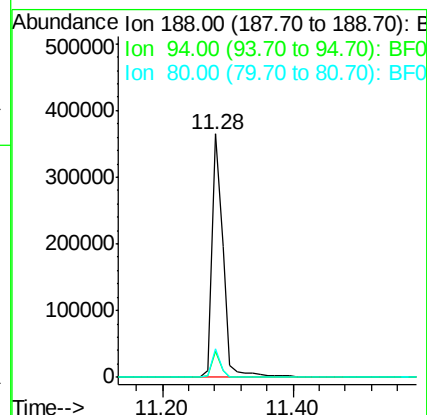
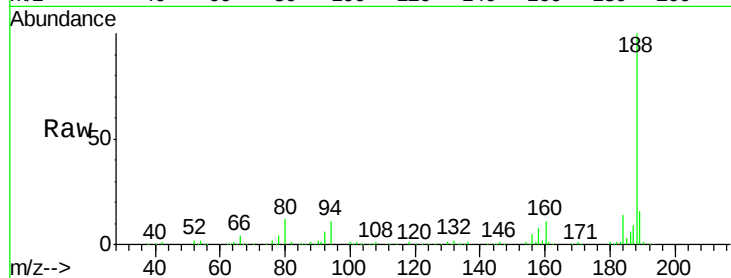
188 100

94 10.9 5.8 8.6#

80 11.6 6.4 9.6#

Manual Integrations
APPROVED

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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF082481.D

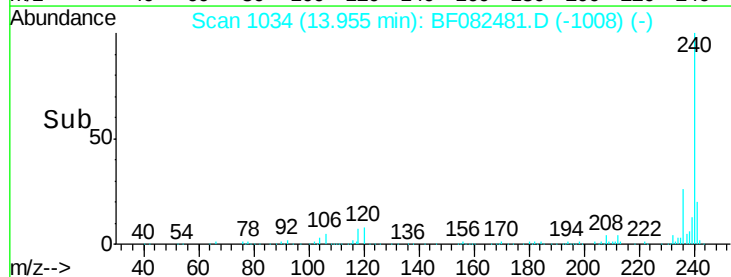
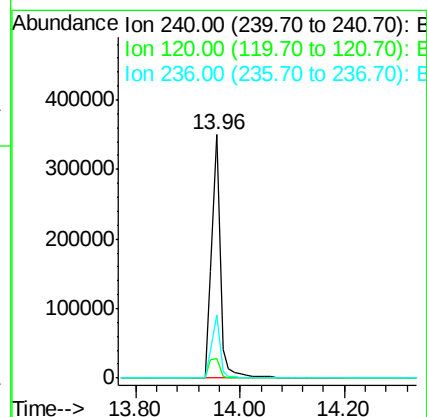
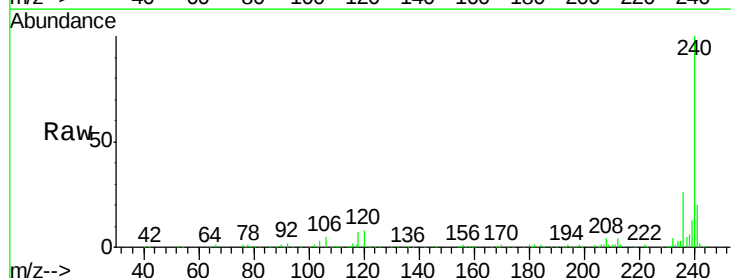
Acq: 23 Oct 2015 22:48

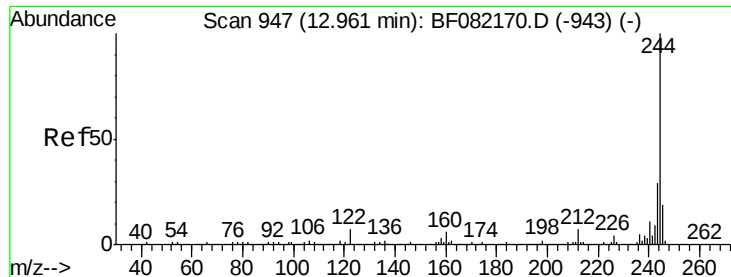
Tgt Ion:240 Resp: 407802
Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

236 26.1 21.3 31.9





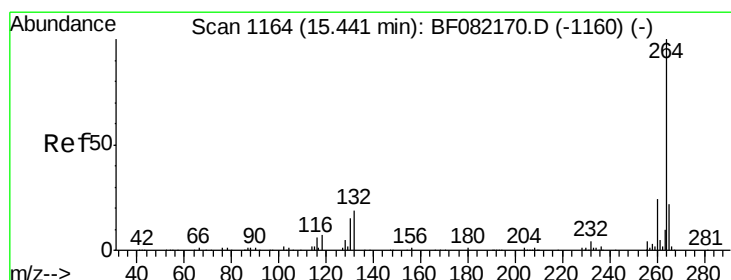
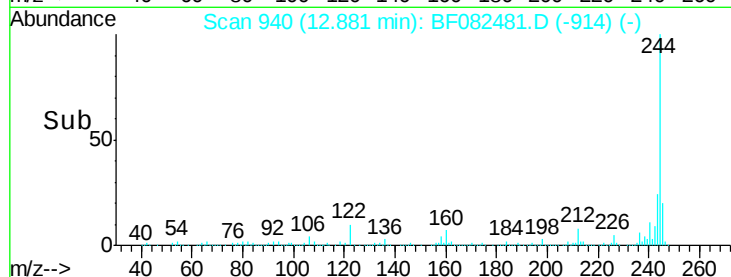
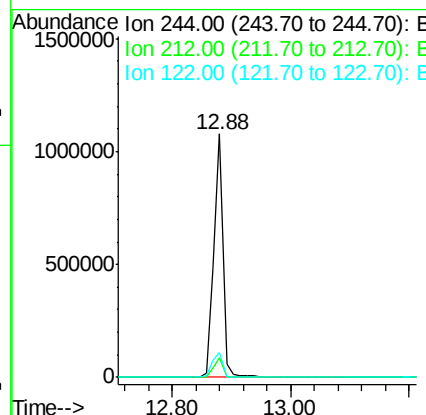
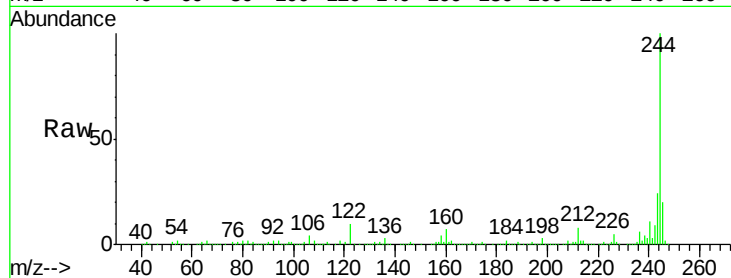
#78
 Terphenyl-d14
 Concen: 75.76 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Instrument :
 BNA_F
 ClientSampled :
 PB86276BL

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1165831		
212	8.2		5.8	8.6
122	10.3		5.9	8.9#

Manual Integrations
 APPROVED

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



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.02 min
 Lab File: BF082481.D
 Acq: 23 Oct 2015 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	325420		
260	23.9		19.0	28.6
265	21.3		17.3	25.9

