

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079273.D
 Acq On : 15 May 2015 16:49
 Operator : TP/IZ
 Sample : PB83262BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Manual Integrations
 APPROVED

apatel
 5/18/2015 3:39:25 PM

Quant Time: May 15 23:43:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	63976	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	264607	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	129369	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	247476	20.00	ng	0.00
75) Chrysene-d12	16.07	240	238648	20.00	ng	-0.02
86) Perylene-d12	17.90	264	236438	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	434191m	116.83	ng	0.01
7) Phenol-d6	6.74	99	519788	105.81	ng	-0.01
23) Nitrobenzene-d5	7.87	82	319539	69.40	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	168314	120.26	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	645335	69.50	ng	0.00
78) Terphenyl-d14	14.77	244	778368	78.09	ng	0.00

Target Compounds Qvalue

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

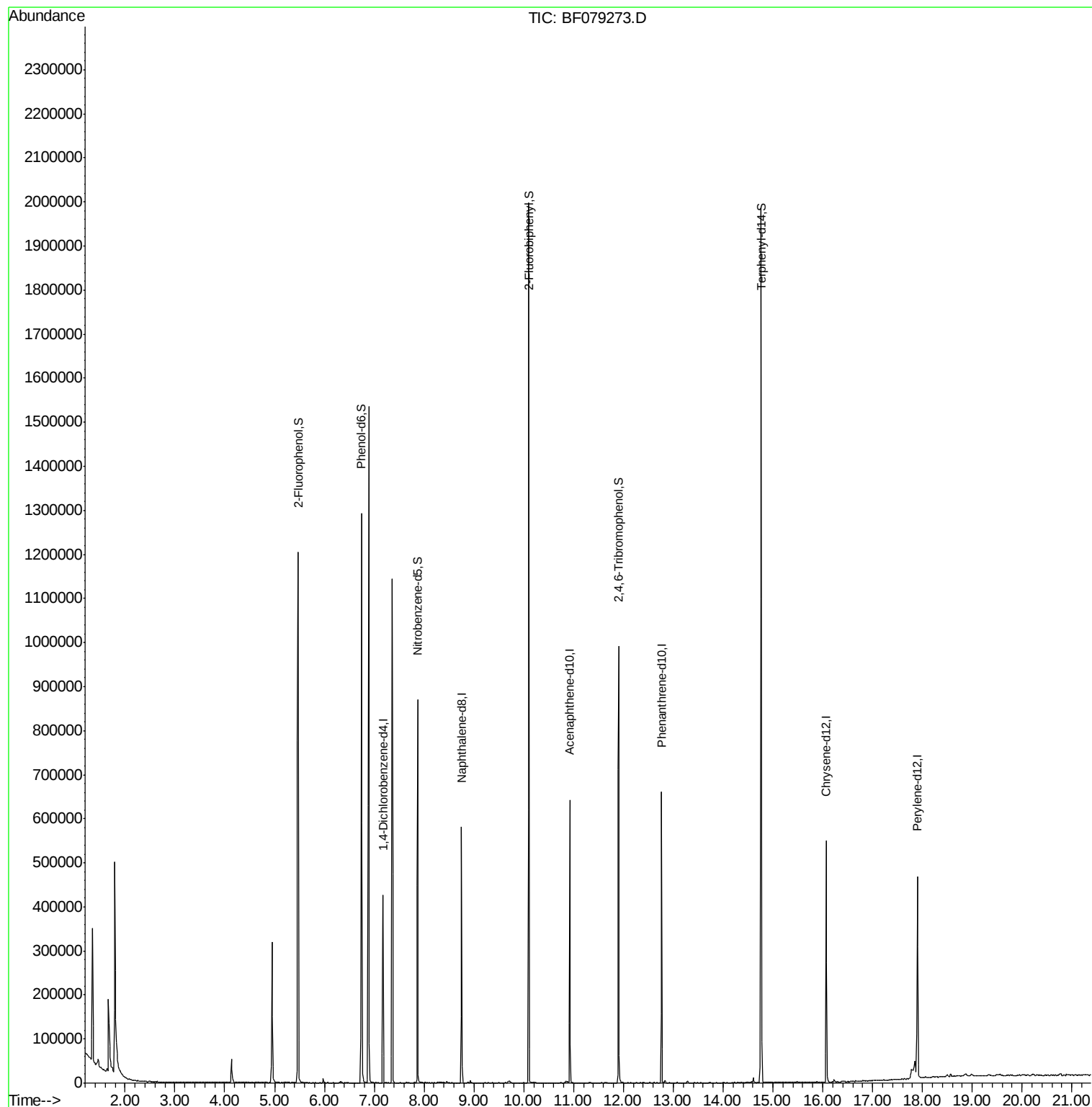
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079273.D
Acq On : 15 May 2015 16:49
Operator : TP/IZ
Sample : PB83262BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83262BL

Manual Integrations
APPROVED

apatel
5/18/2015 3:39:25 PM

Quant Time: May 15 23:43:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 22:54:46 2015
Response via : Initial Calibration





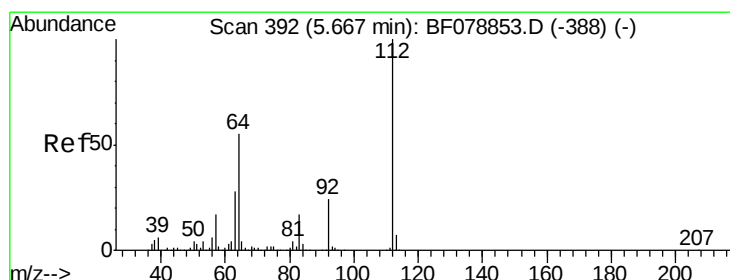
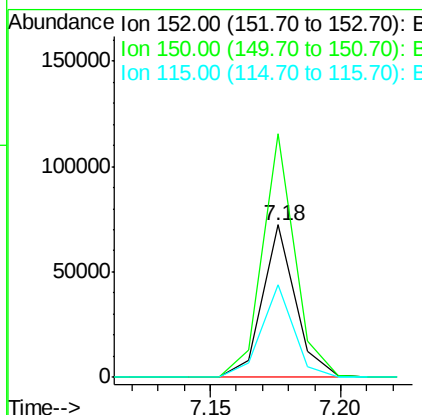
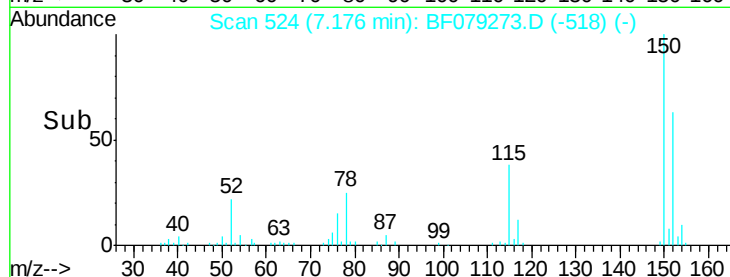
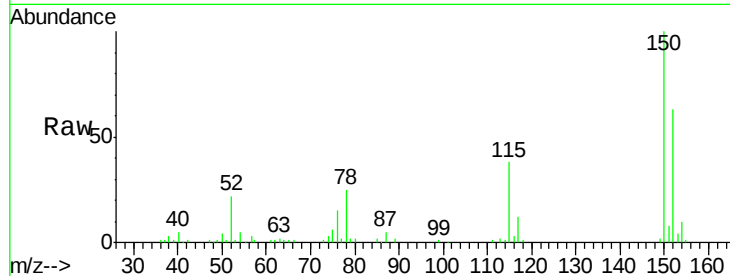
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Tot Ion:	152	Resp:	63976
Ion Ratio	Lower	Upper	
152	100		
150	159.7	123.8	185.8
115	60.5	49.4	74.0

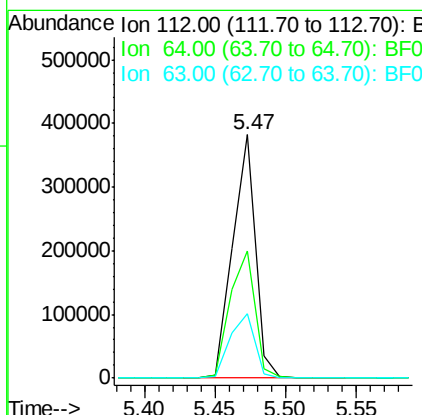
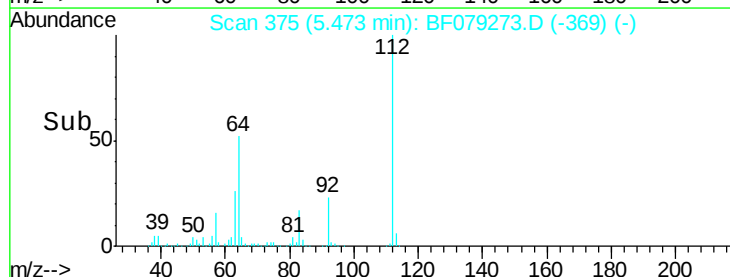
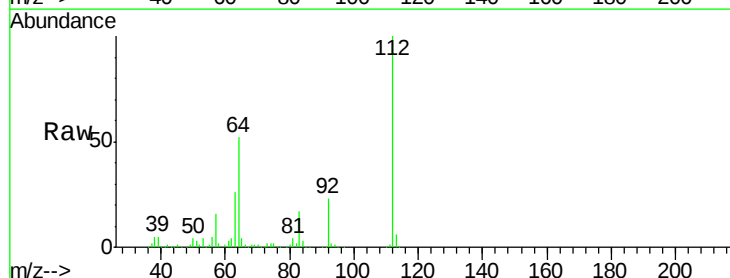
Manual Integrations
 APPROVED

apatel
 5/18/2015 3:39:25 PM



#5
 2-Fluorophenol
 Concen: 116.83 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion:	112	Resp:	434191
Ion Ratio	Lower	Upper	
112	100		
64	52.0	44.2	66.2
63	26.4	22.7	34.1





#7

Phenol-d6

Concen: 105.81 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079273.D

Acq: 15 May 2015 16:49

Instrument :

BNA_F

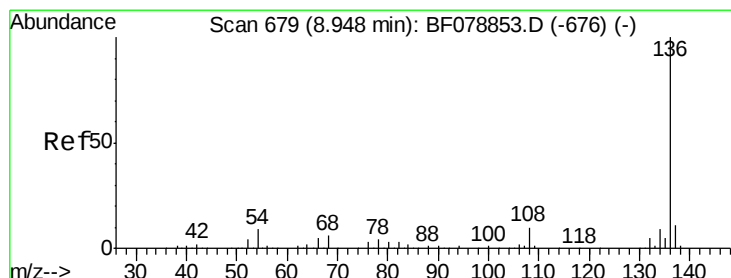
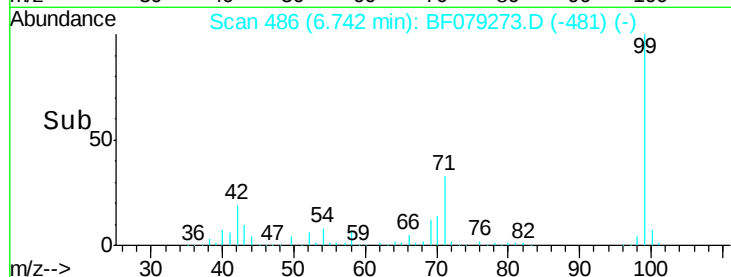
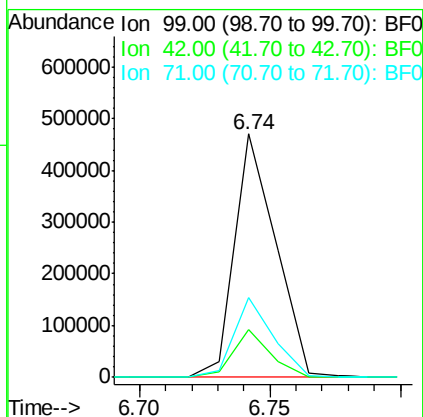
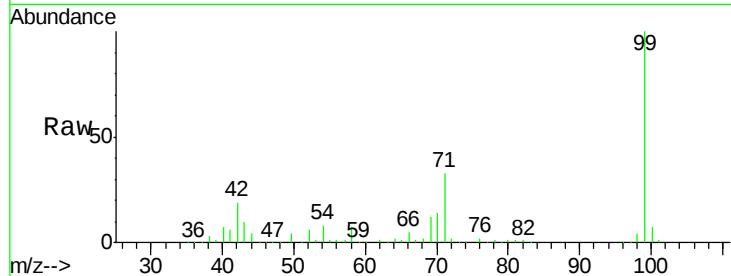
ClientSampleId :

PB83262BL

Tot Ion:	99	Resp:	519788
Ion Ratio	Lower	Upper	
99	100		
42	19.5	17.1	25.7
71	32.6	26.3	39.5

Manual Integrations
APPROVED

apatel
5/18/2015 3:39:25 PM



#21

Naphthalene-d8

Concen: 20.00 ng

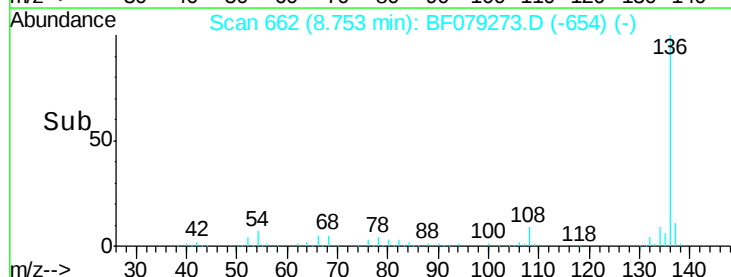
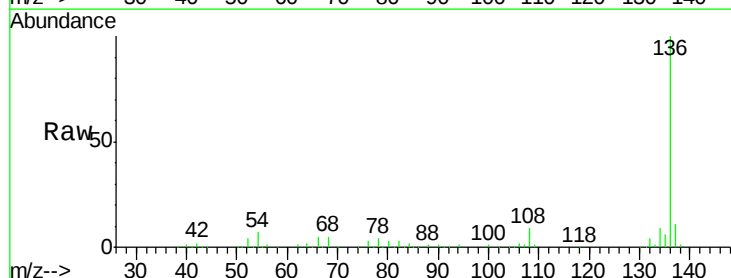
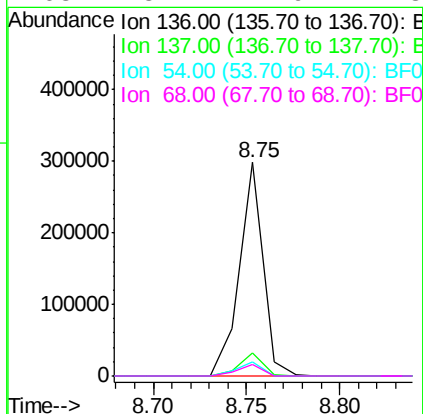
RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079273.D

Acq: 15 May 2015 16:49

Tgt Ion:	136	Resp:	264607
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.8	6.9	10.3
68	5.2	4.9	7.3





#23

Nitrobenzene-d5

Concen: 69.40 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079273.D

Acq: 15 May 2015 16:49

Instrument :

BNA_F

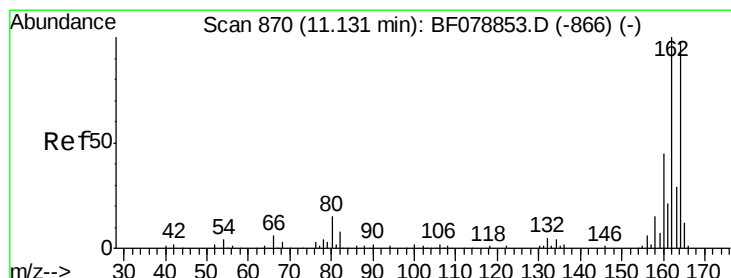
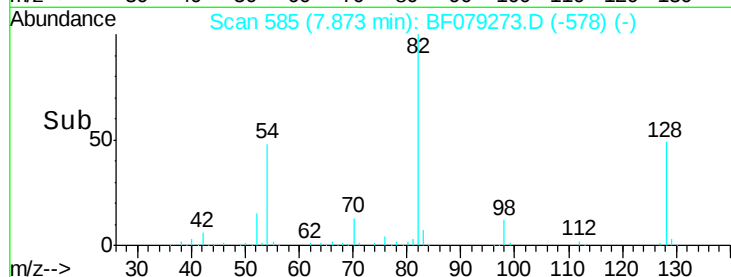
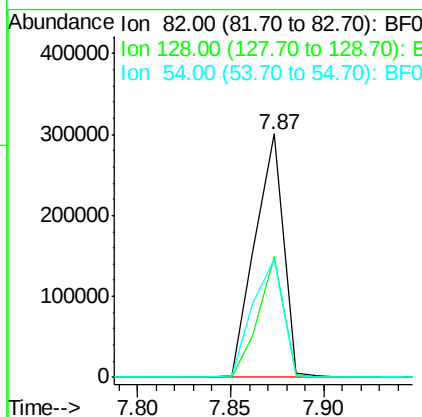
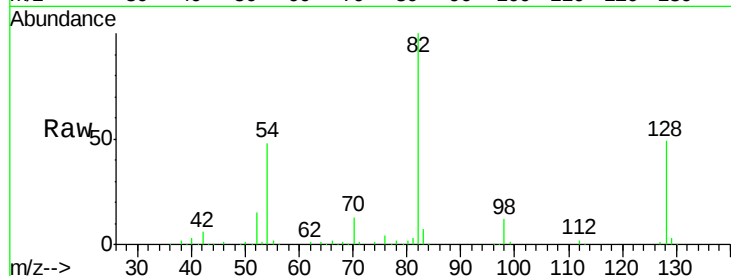
ClientSampleId :

PB83262BL

Tot Ion:	82	Resp:	319539
Ion Ratio		Lower	Upper
82	100		
128	49.4	29.7	44.5#
54	48.4	46.2	69.4

Manual Integrations
APPROVED

apatel
5/18/2015 3:39:25 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

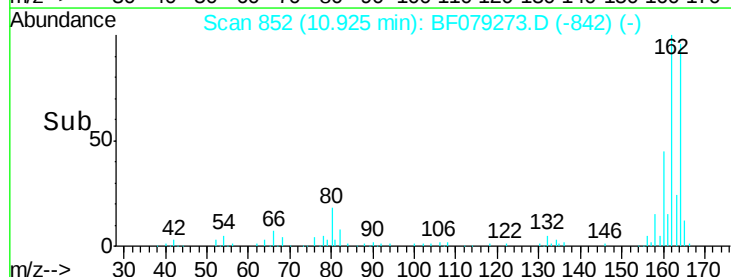
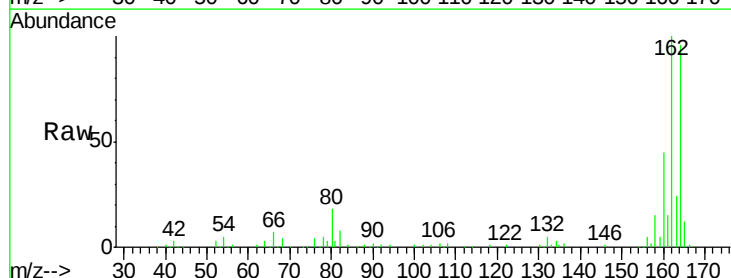
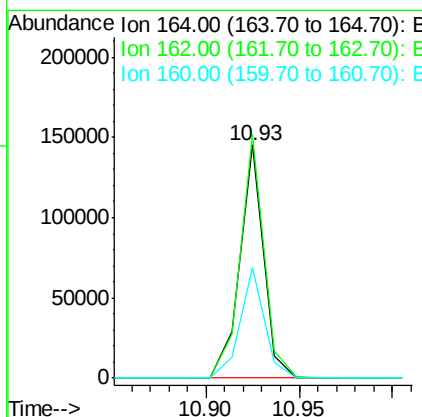
RT: 10.93 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079273.D

Acq: 15 May 2015 16:49

Tgt Ion:	164	Resp:	129369
Ion Ratio		Lower	Upper
164	100		
162	104.4	81.4	122.0
160	47.4	36.6	54.8





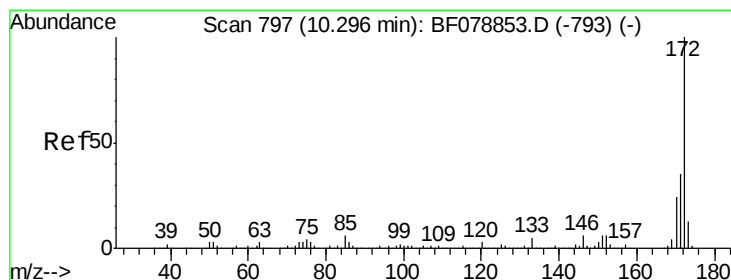
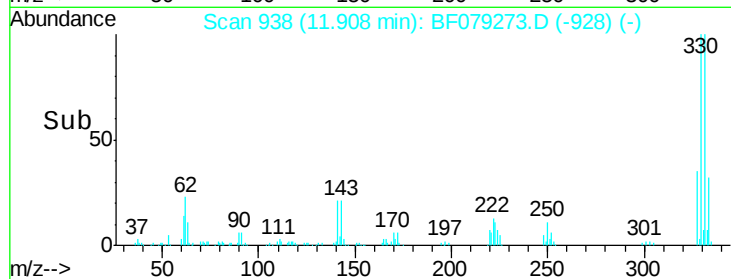
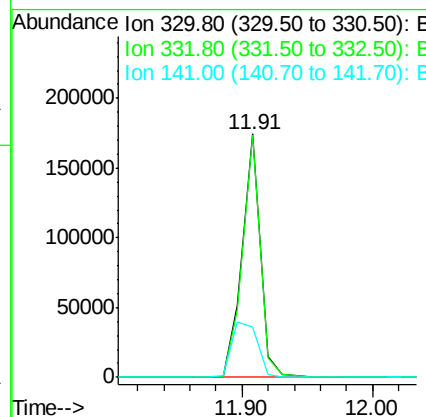
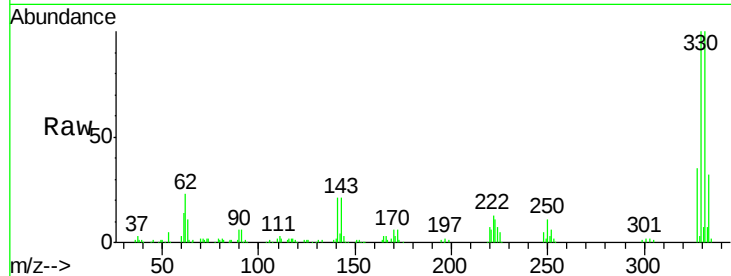
#41
 2,4,6-Tribromophenol
 Concen: 120.26 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	168314		
332	97.9	76.9	115.3	
141	32.3	27.8	41.8	

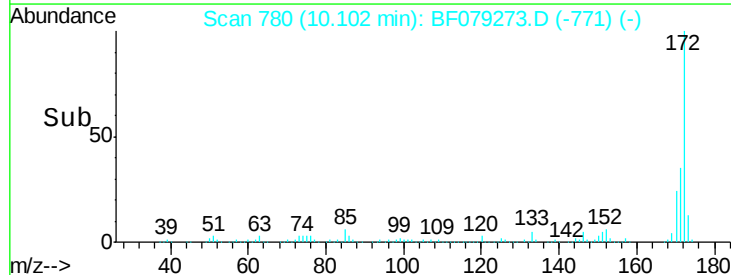
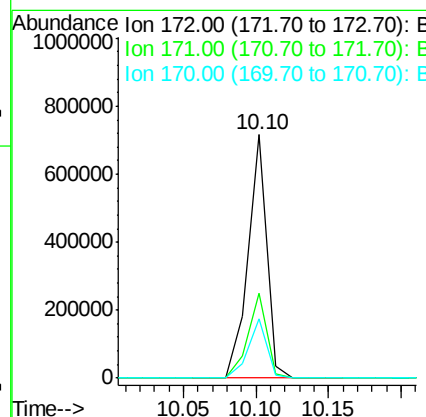
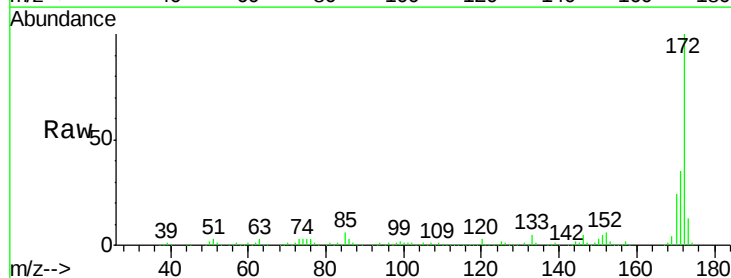
Manual Integrations
 APPROVED

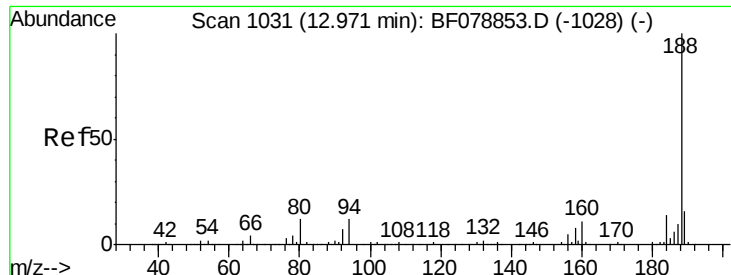
apatel
 5/18/2015 3:39:25 PM



#44
 2-Fluorobiphenyl
 Concen: 69.50 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	645335		
171	35.1	28.3	42.5	
170	24.2	19.4	29.2	





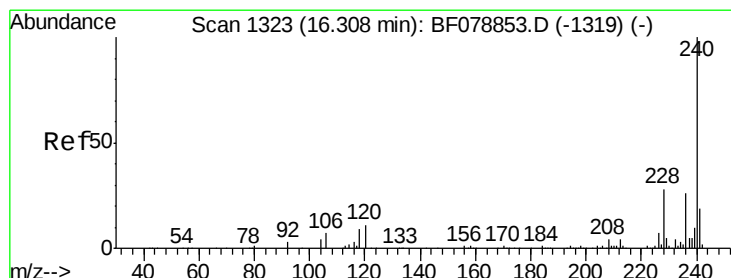
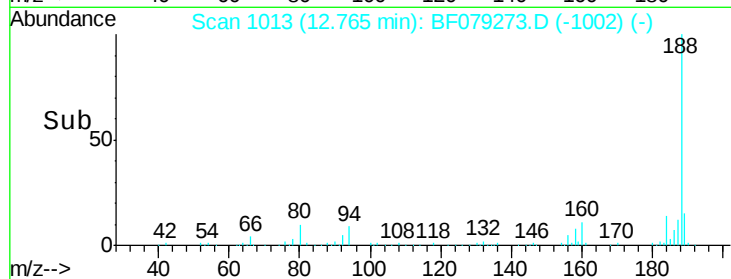
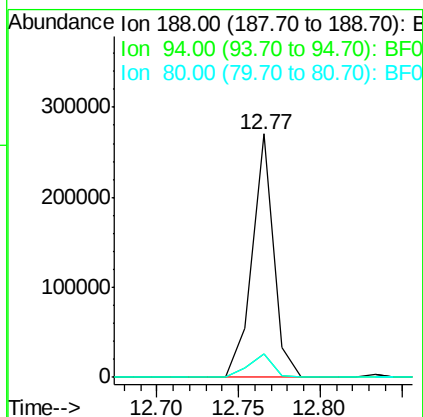
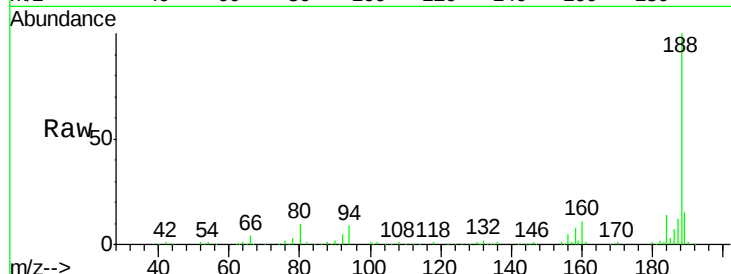
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079273.D
Acq: 15 May 2015 16:49

Instrument :
BNA_F
ClientSampleId :
PB83262BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	9.4	14.0
80	9.8	9.8	14.6

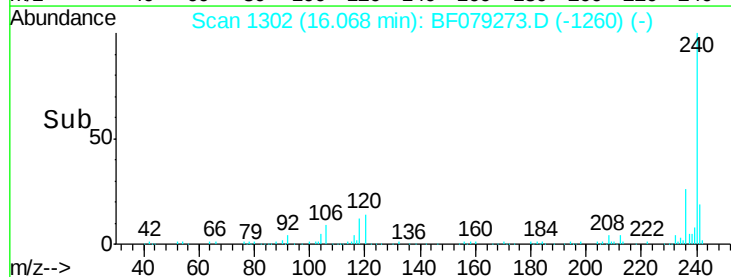
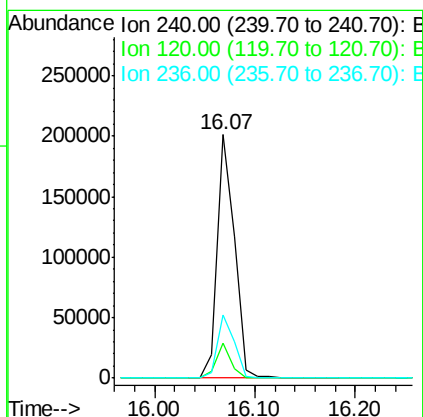
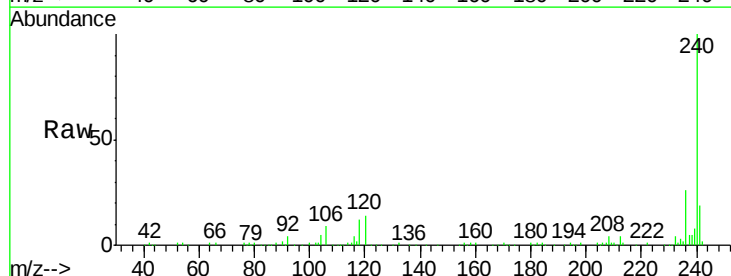
Manual Integrations
APPROVED

apatel
5/18/2015 3:39:25 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF079273.D
Acq: 15 May 2015 16:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.2	8.6	12.8#
236	26.0	21.0	31.6





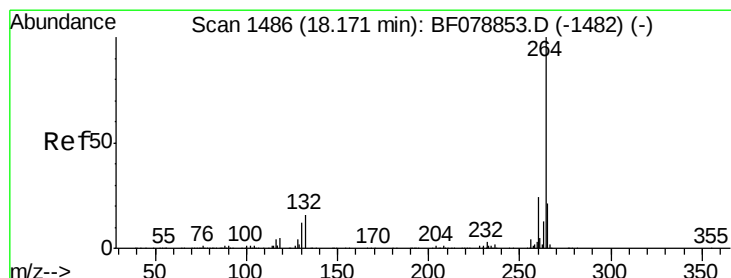
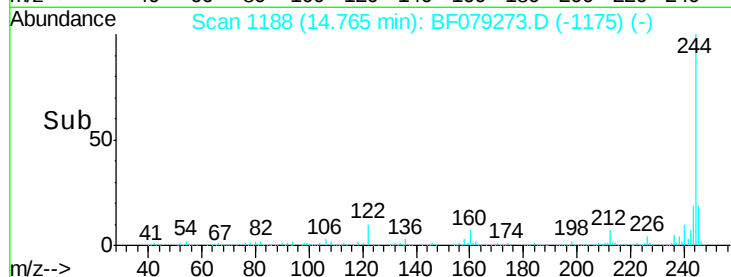
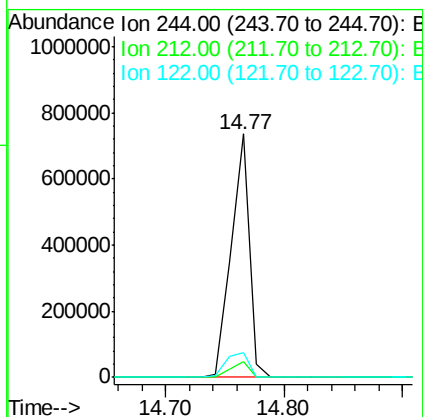
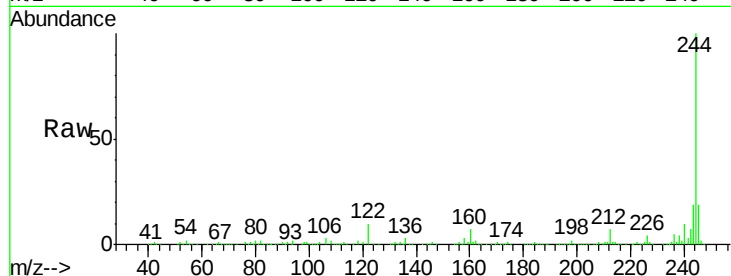
#78
 Terphenyl-d14
 Concen: 78.09 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Instrument :
 BNA_F
 ClientSampled :
 PB83262BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.9	10.5	15.7

Manual Integrations
 APPROVED

apatel
 5/18/2015 3:39:25 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.90 min Scan# 1462
 Delta R.T. -0.03 min
 Lab File: BF079273.D
 Acq: 15 May 2015 16:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.2	25.8

