

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078973.D
 Acq On : 6 May 2015 21:19
 Operator : TP/IZ
 Sample : G2035-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D3.5

Manual Integrations
 APPROVED

apatel
 5/7/2015 1:58:34 PM

Quant Time: May 07 02:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66921	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	288608	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	141878	20.00	ng	0.01
63) Phenanthrene-d10	12.95	188	279915	20.00	ng	0.00
75) Chrysene-d12	16.25	240	302811	20.00	ng	-0.06
86) Perylene-d12	17.99	264	319230	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	574408	147.75	ng	0.01
7) Phenol-d6	6.90	99	739401	143.89	ng	0.01
23) Nitrobenzene-d5	8.04	82	453472	90.30	ng	0.01
41) 2,4,6-Tribromophenol	12.09	330	227491	148.22	ng	0.01
44) 2-Fluorobiphenyl	10.27	172	832840	81.78	ng	0.00
78) Terphenyl-d14	14.95	244	935352m	73.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.78	163	41001	3.94	ng	99
70) Phenanthrene	12.98	178	65449	4.18	ng	97
74) Fluoranthene	14.48	202	89850	5.51	ng	98
77) Pyrene	14.74	202	80000m	4.58	ng	
82) Chrysene	16.27	228	35071	2.20	ng	# 91
83) Bis(2-ethylhexyl)phthalate	16.29	149	104603	9.05	ng	100
87) Benzo(b)fluoranthene	17.53	252	46881m	2.68	ng	

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

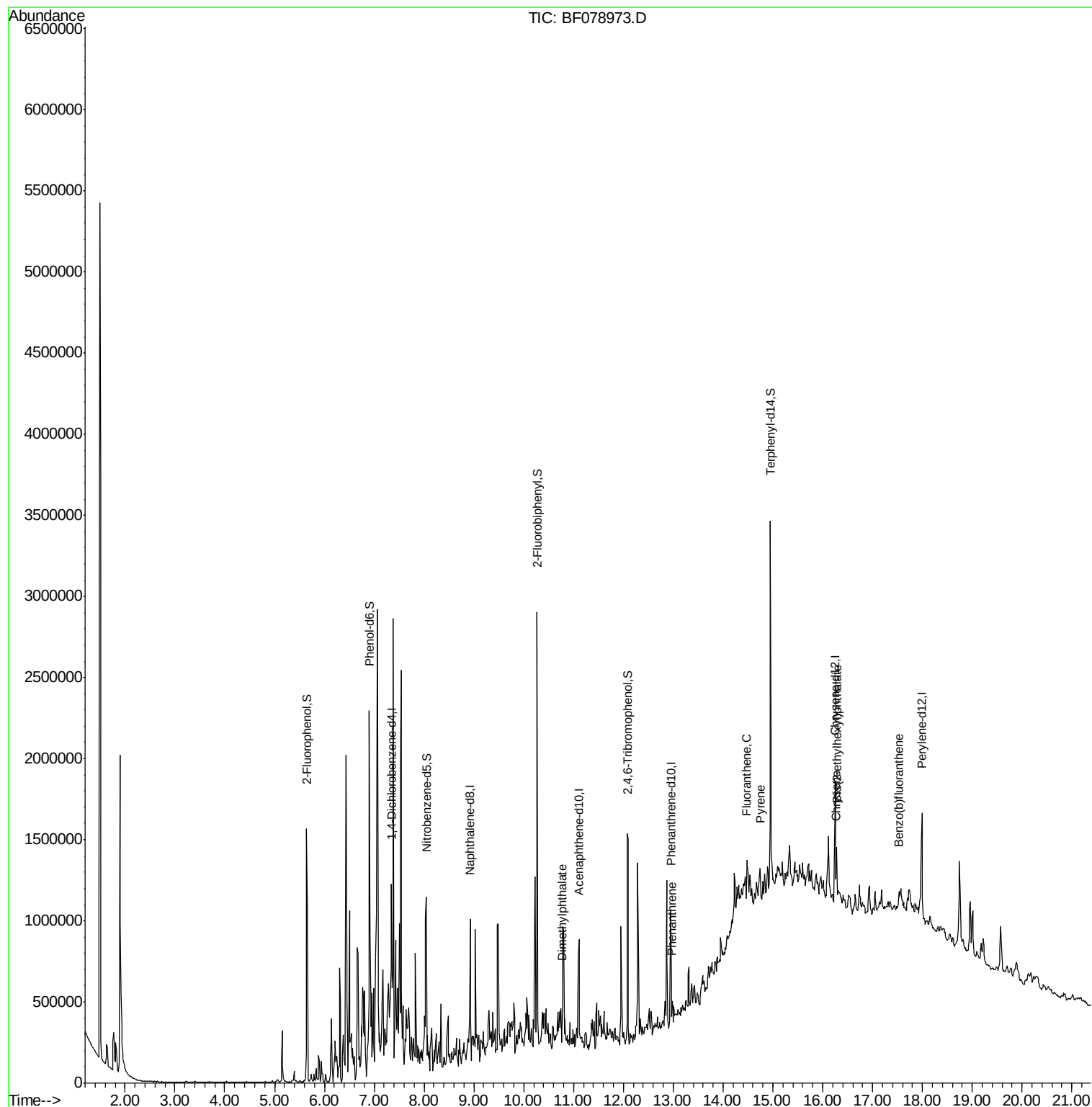
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078973.D
Acq On : 6 May 2015 21:19
Operator : TP/IZ
Sample : G2035-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

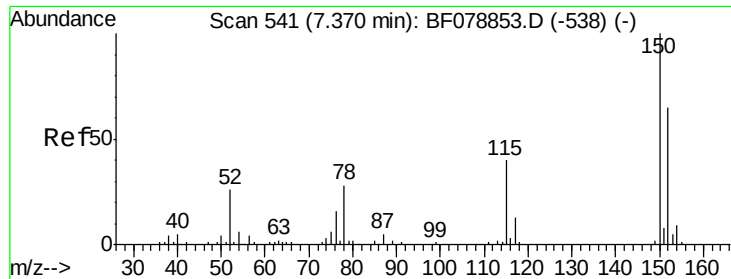
Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Manual Integrations
APPROVED

apatel
5/7/2015 1:58:34 PM

Quant Time: May 07 02:28:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration

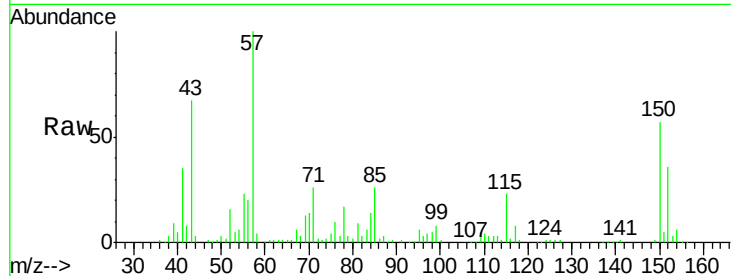




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

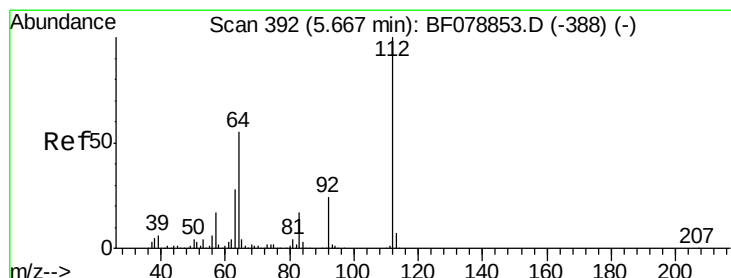
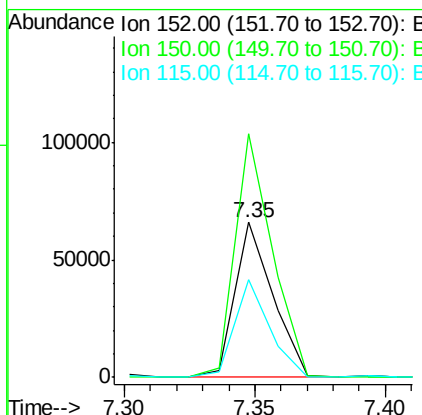
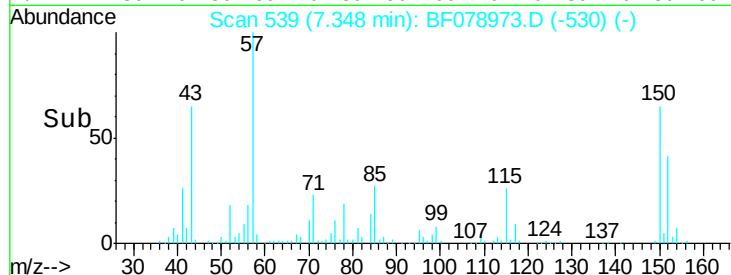
Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5



Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.0	183.0
115	63.3	46.3	69.5

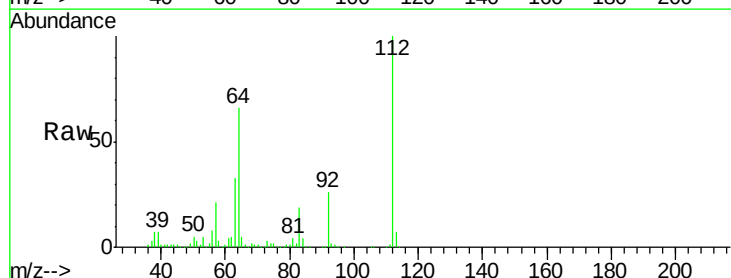
Manual Integrations
APPROVED

apatel
5/7/2015 1:58:34 PM

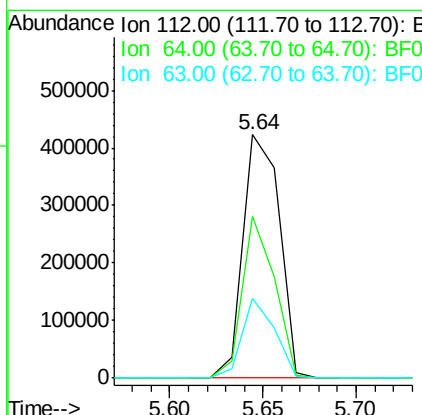
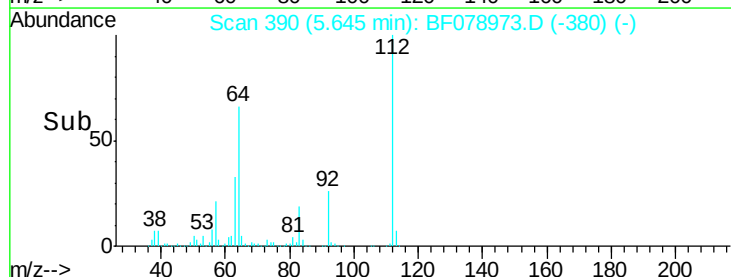


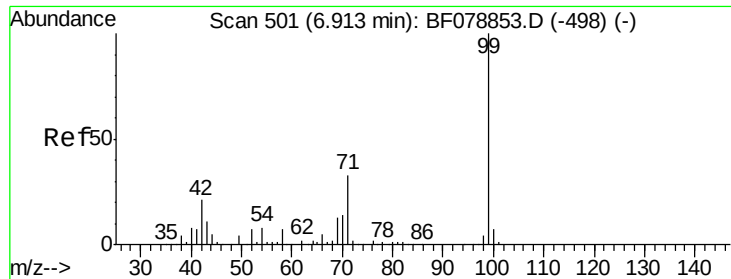
#5

2-Fluorophenol
Concen: 147.75 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19



Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.5	80.3
63	32.9	27.5	41.3





#7

Phenol-d6

Concen: 143.89 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Instrument :

BNA_F

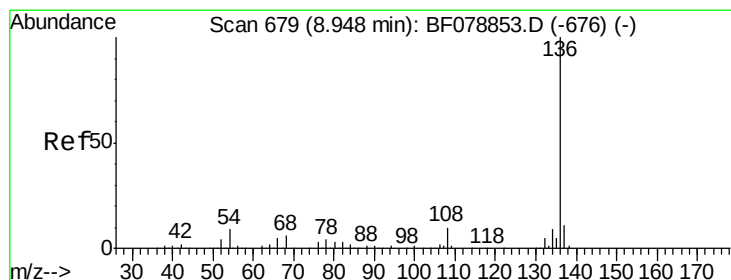
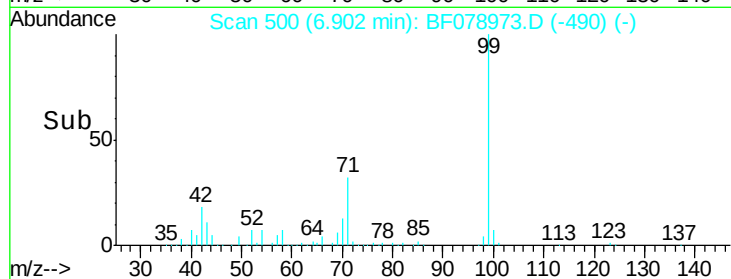
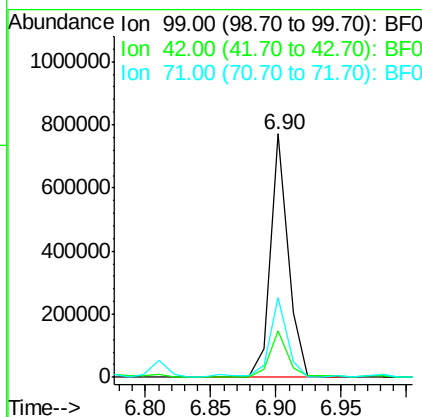
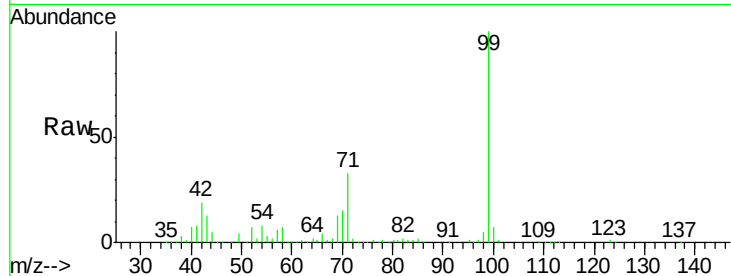
ClientSampled :

TP-11-D3.5

Tot Ion:	99	Resp:	739401
Ion Ratio	Lower	Upper	
99	100		
42	19.0	12.8	19.2
71	32.8	23.4	35.2

Manual Integrations
APPROVED

apatel
5/7/2015 1:58:34 PM



#21

Naphthalene-d8

Concen: 20.00 ng

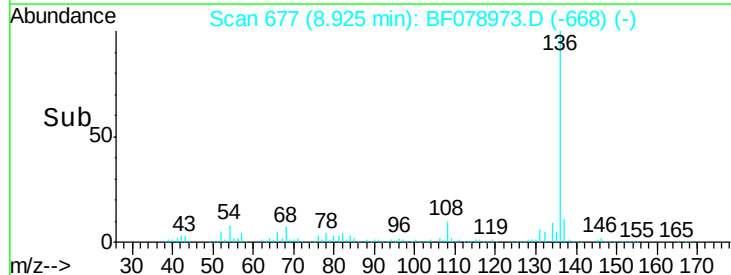
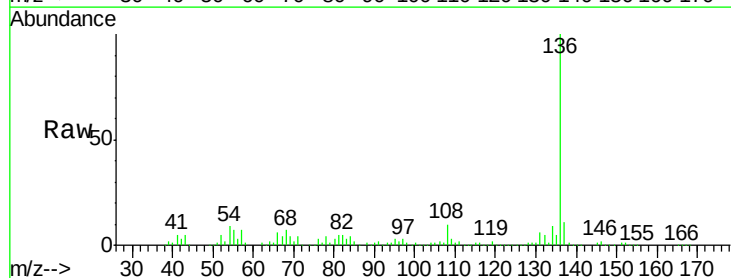
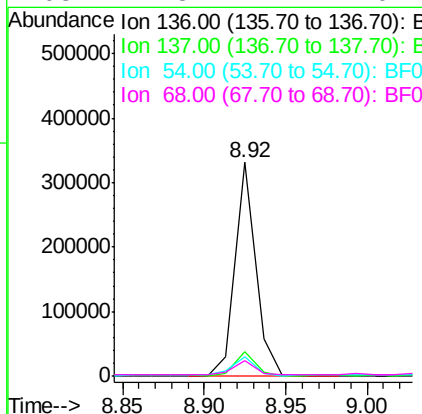
RT: 8.92 min Scan# 677

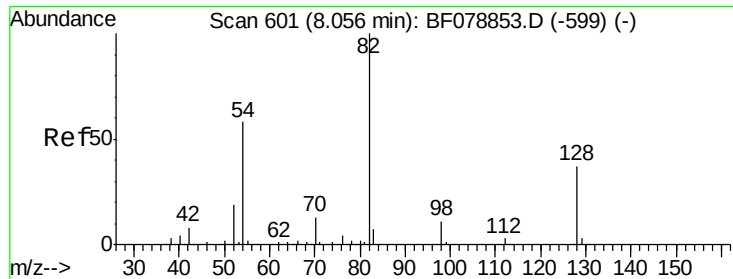
Delta R.T. 0.00 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Tgt Ion:	136	Resp:	288608
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.9	5.8	8.8#
68	7.3	4.2	6.4#





#23

Nitrobenzene-d5

Concen: 90.30 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.01 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Instrument :

BNA_F

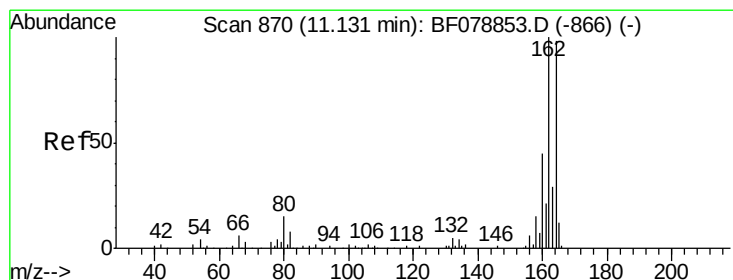
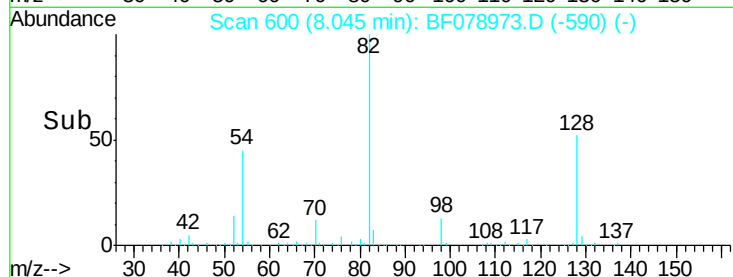
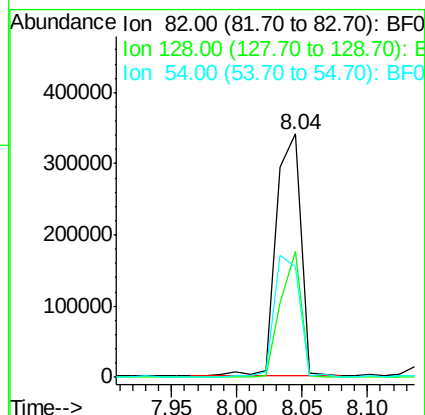
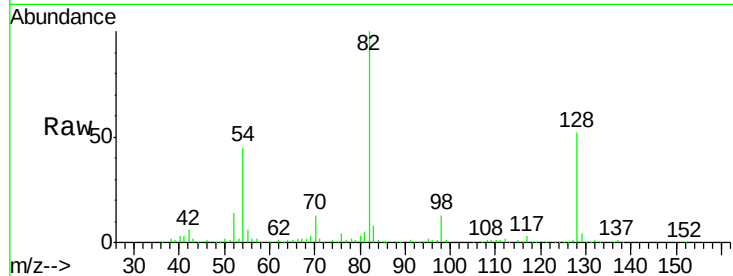
ClientSampled :

TP-11-D3.5

Tot Ion:	82	Resp:	453472
Ion Ratio	Lower	Upper	
82	100		
128	51.9	30.0	45.0#
54	45.5	46.4	69.6#

Manual Integrations
APPROVED

apatel
5/7/2015 1:58:34 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

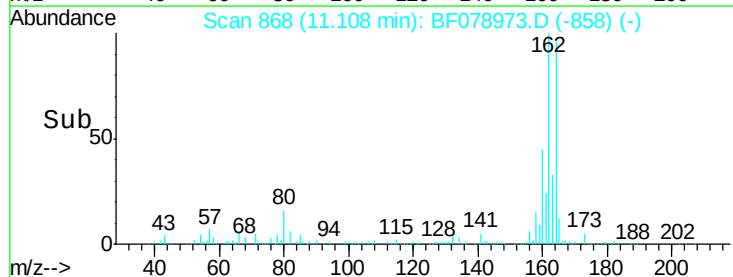
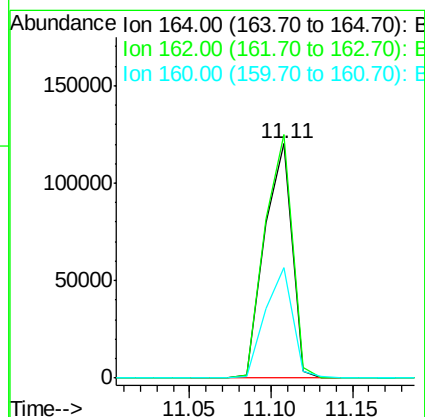
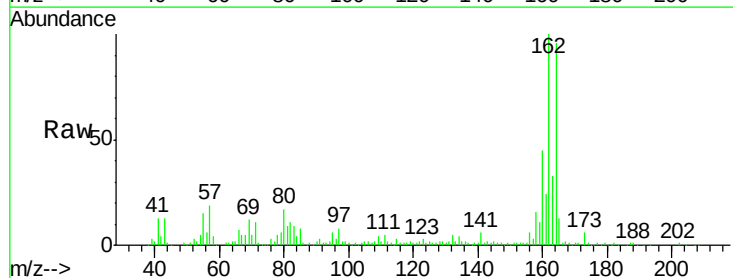
RT: 11.11 min Scan# 868

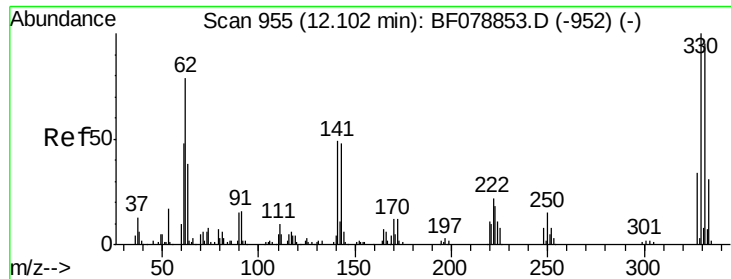
Delta R.T. 0.01 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Tgt Ion:	164	Resp:	141878
Ion Ratio	Lower	Upper	
164	100		
162	103.9	82.7	124.1
160	47.0	35.8	53.8





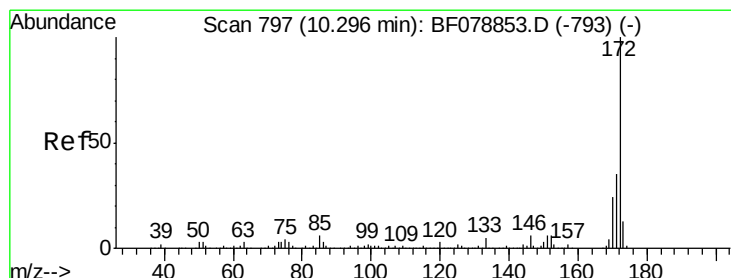
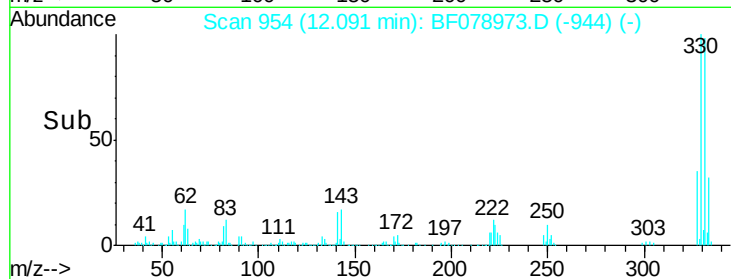
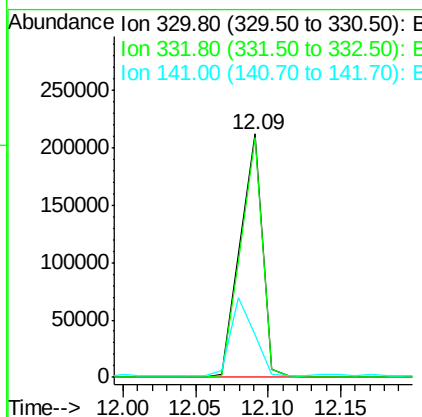
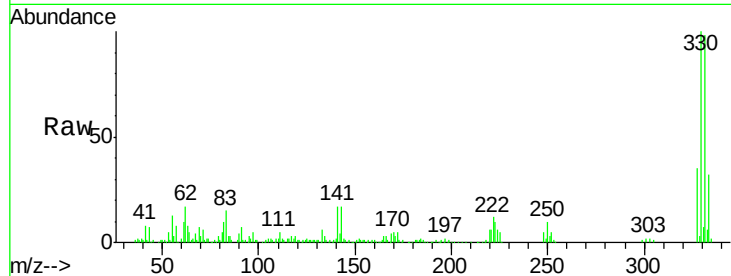
#41
 2,4,6-Tribromophenol
 Concen: 148.22 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF078973.D
 Acq: 6 May 2015 21:19

Instrument :
 BNA_F
 ClientSampled :
 TP-11-D3.5

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.3	0.0	0.0#

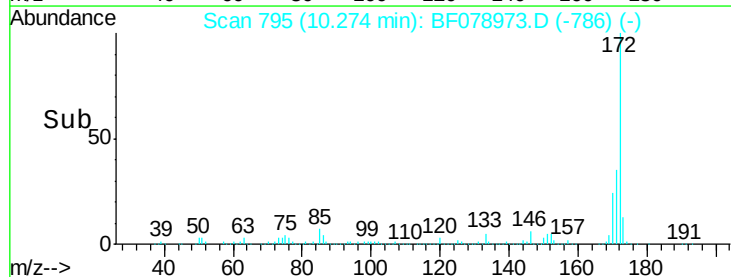
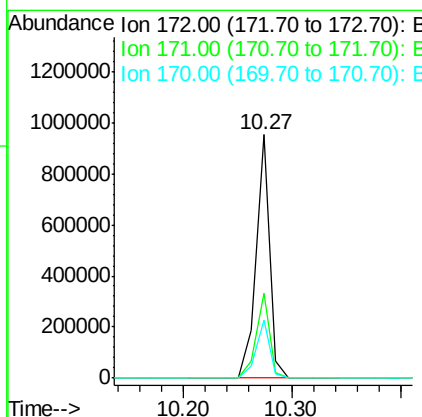
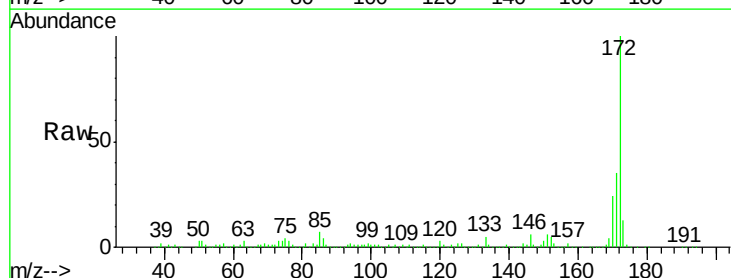
Manual Integrations
 APPROVED

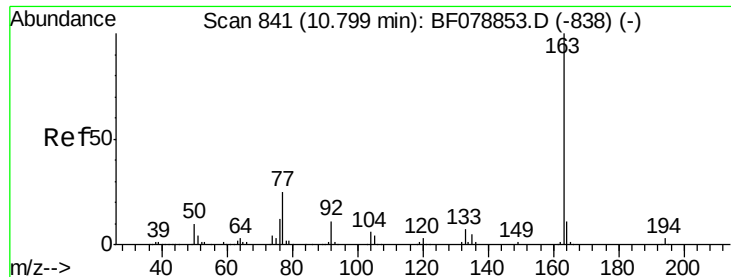
apatel
 5/7/2015 1:58:34 PM



#44
 2-Fluorobiphenyl
 Concen: 81.78 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078973.D
 Acq: 6 May 2015 21:19

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.0	19.4	29.0





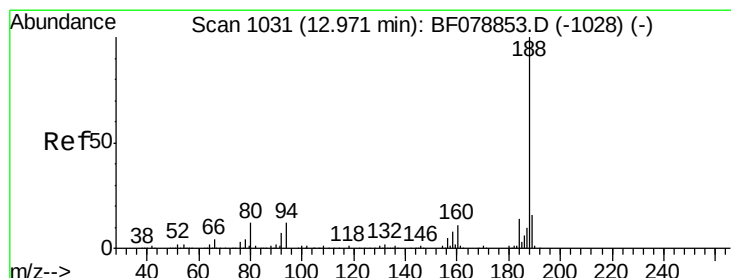
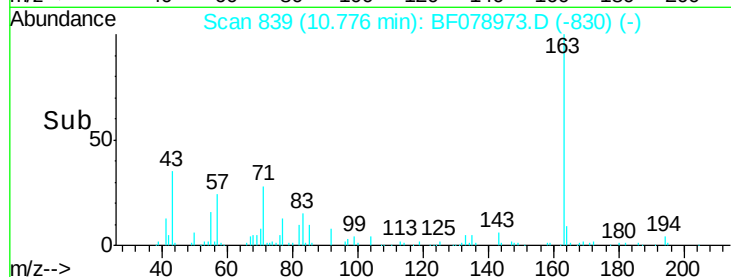
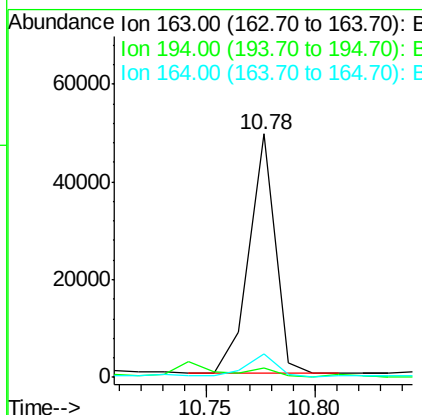
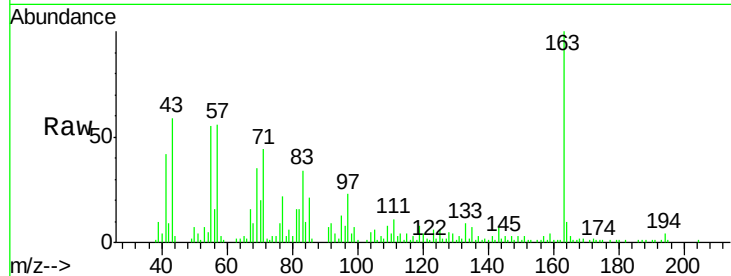
#49
Dimethylphthalate
Concen: 3.94 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	41001		
194	3.9	2.6	4.0	
164	9.7	8.1	12.1	

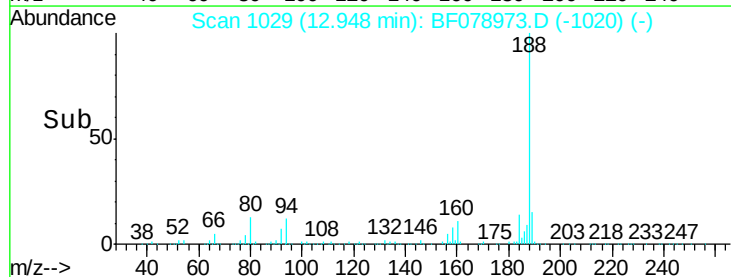
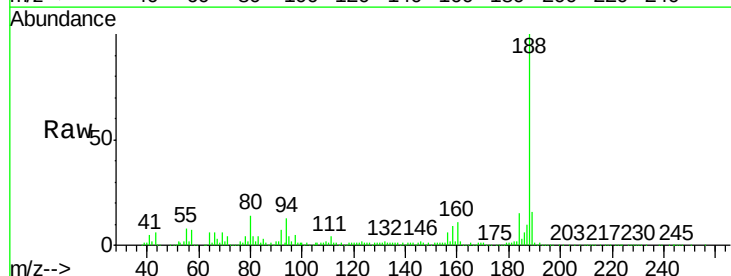
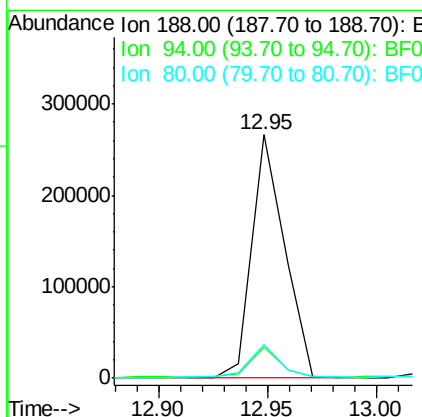
Manual Integrations
APPROVED

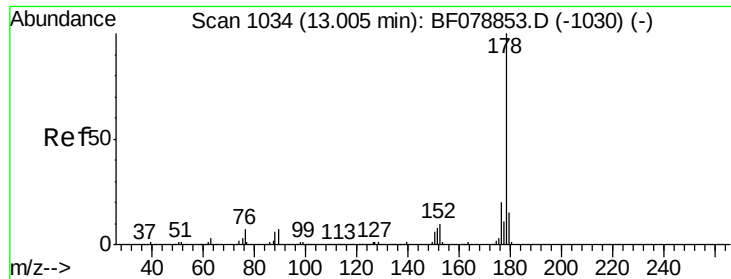
apatel
5/7/2015 1:58:34 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	279915		
94	12.7	8.2	12.2#	
80	13.8	8.9	13.3#	





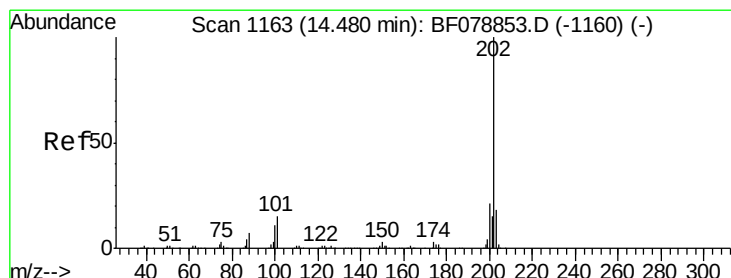
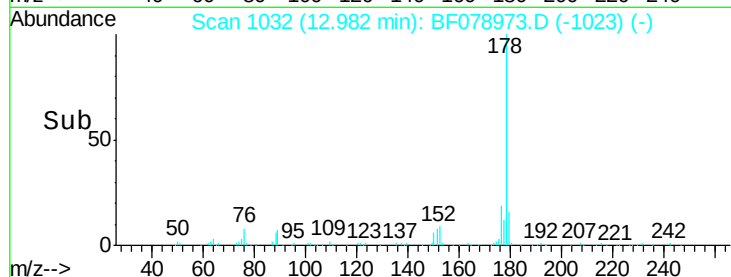
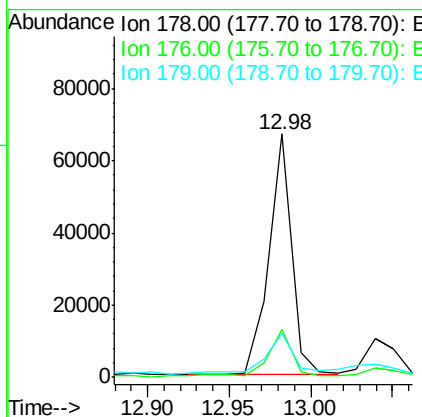
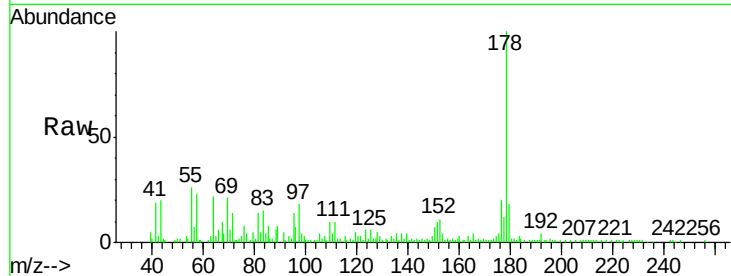
#70
Phenanthrene
Concen: 4.18 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.8	12.5	18.7

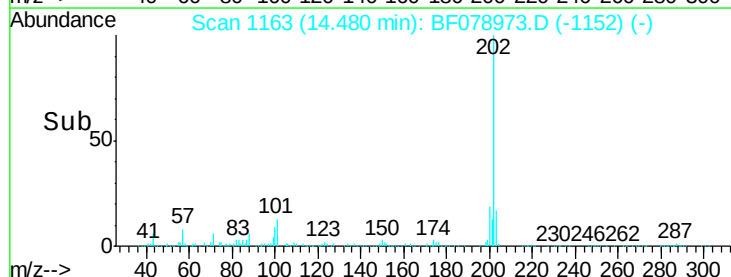
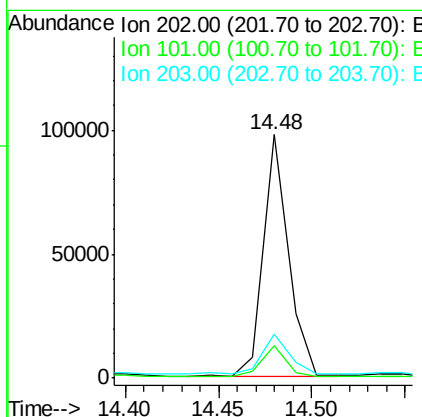
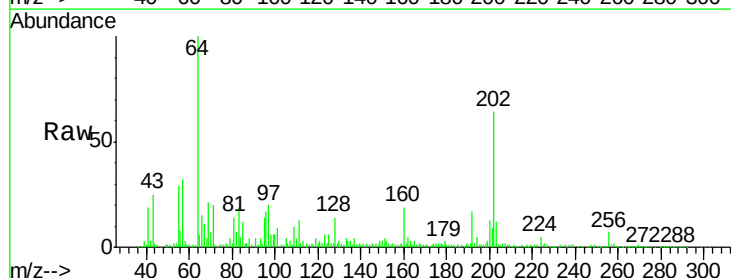
Manual Integrations
APPROVED

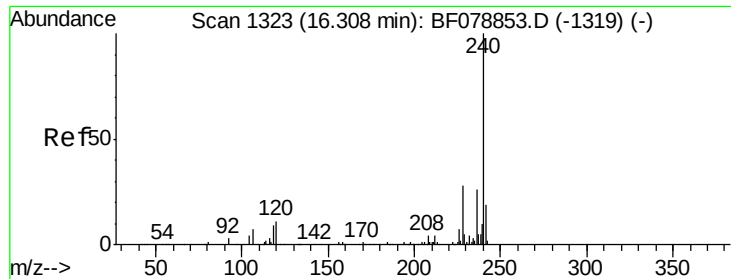
apatel
5/7/2015 1:58:34 PM



#74
Fluoranthene
Concen: 5.51 ng
RT: 14.48 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.6
203	18.2	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Instrument :

BNA_F

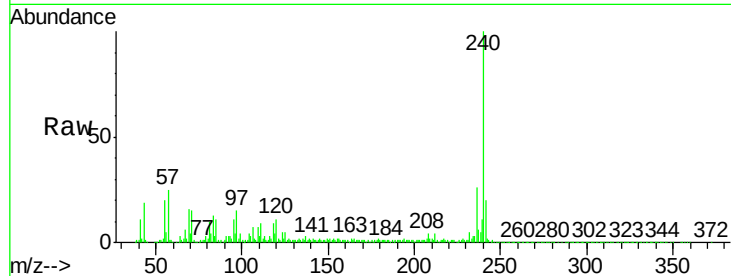
ClientSampleId :

TP-11-D3.5

Tot Ion:	240	Resp:	302811
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.7	14.5
236	26.1	20.2	30.4

Manual Integrations
APPROVED

apatel
5/7/2015 1:58:34 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

16.25

300000

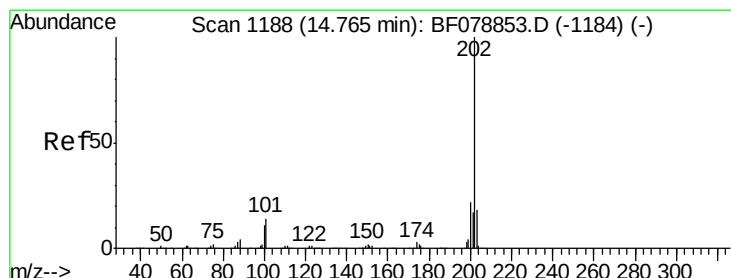
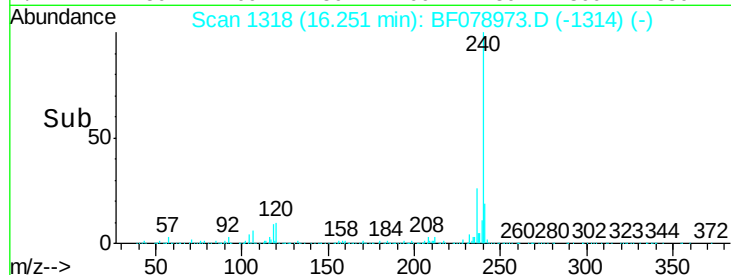
200000

100000

0

16.20 16.25 16.30 16.35

Time-->



#77

Pyrene

Concen: 4.58 ng m

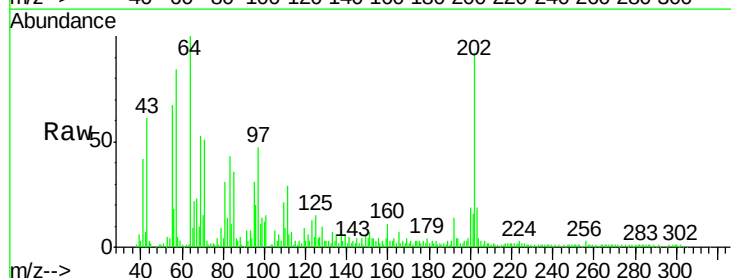
RT: 14.74 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Tgt Ion:	202	Resp:	80000
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.5	26.3
203	20.5	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

14.74

100000

80000

60000

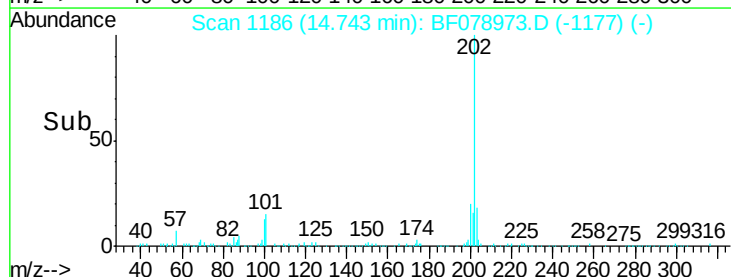
40000

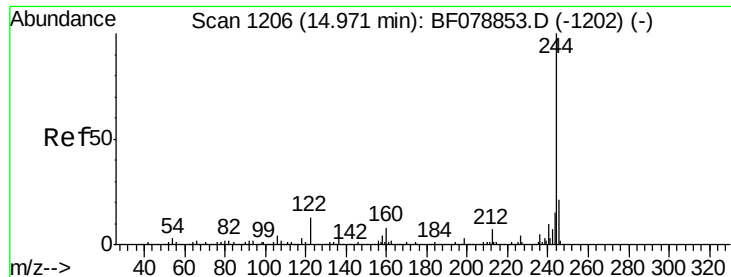
20000

0

14.70 14.75 14.80

Time-->





#78

Terphenyl-d14

Concen: 73.95 ng/mL

RT: 14.95 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Instrument :

BNA_F

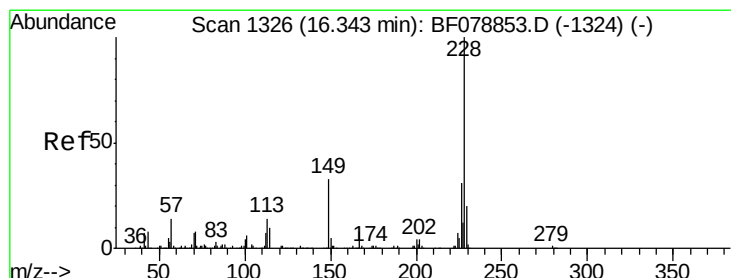
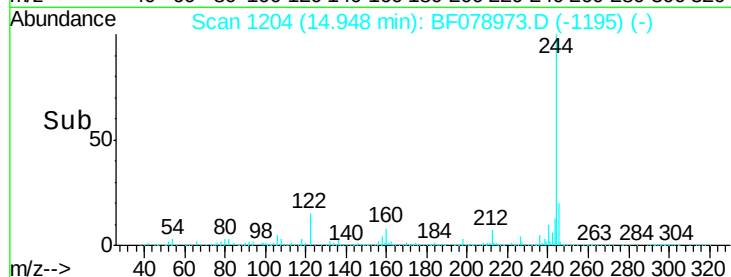
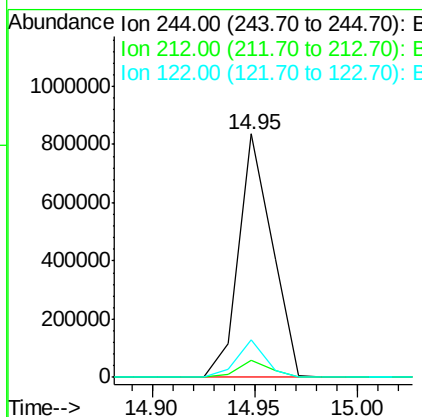
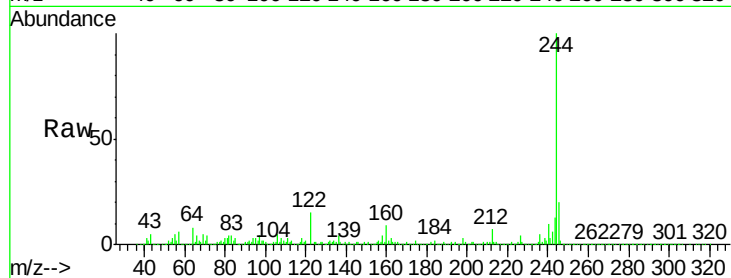
ClientSampleId :

TP-11-D3.5

Tot Ion:	244	Resp:	935352
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.6	8.4
122	15.4	10.3	15.5

Manual Integrations
APPROVED

apatel
5/7/2015 1:58:34 PM



#82

Chrysene

Concen: 2.20 ng

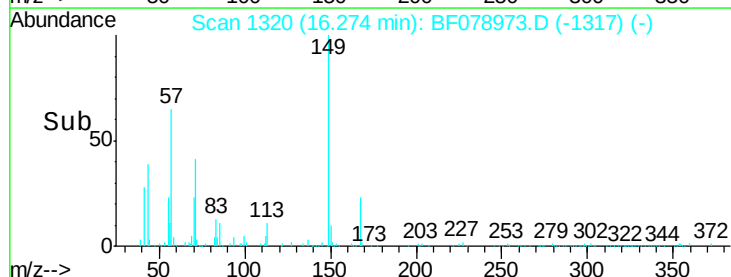
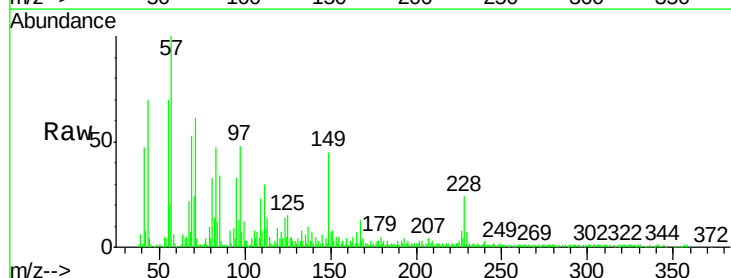
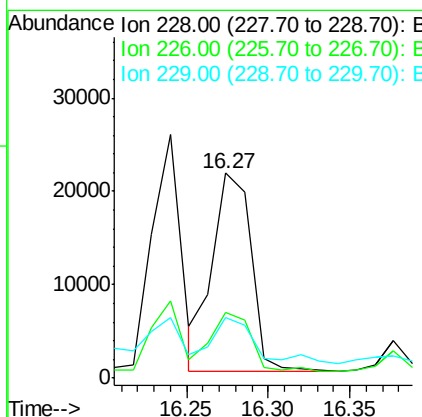
RT: 16.27 min Scan# 1320

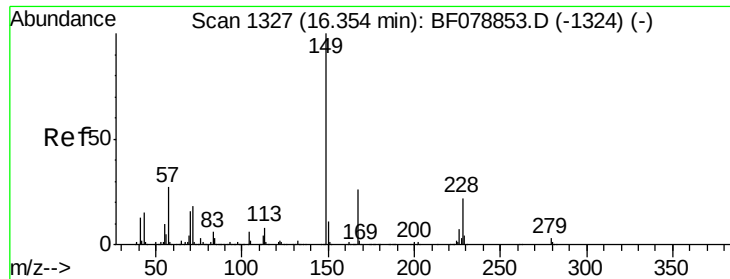
Delta R.T. -0.07 min

Lab File: BF078973.D

Acq: 6 May 2015 21:19

Tgt Ion:	228	Resp:	35071
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.9	37.3
229	29.6	16.0	24.0#





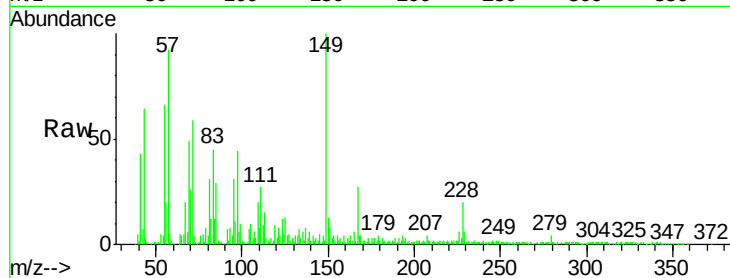
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.05 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: BF078973.D
 Acq: 6 May 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D3.5

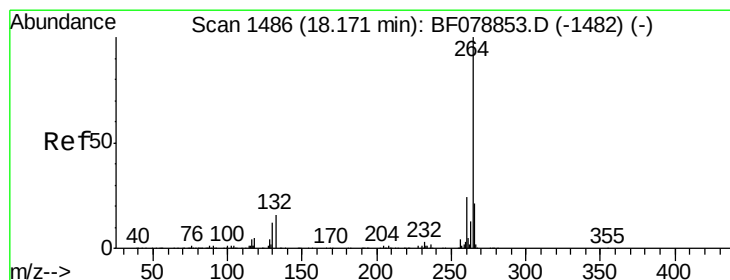
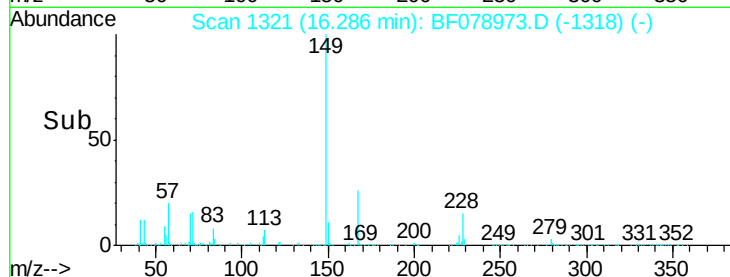
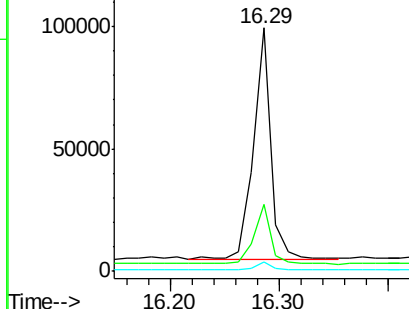
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	21.8	32.8	
279	3.8	2.9	4.3	

Manual Integrations
 APPROVED

apatel
 5/7/2015 1:58:34 PM

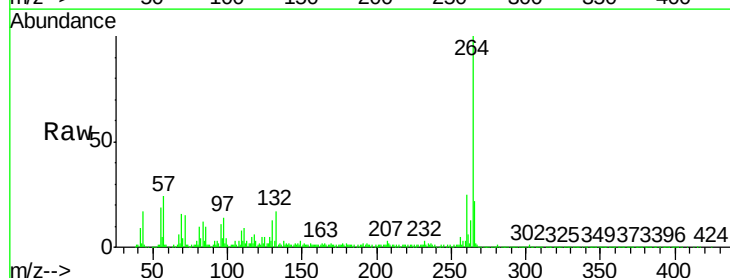


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

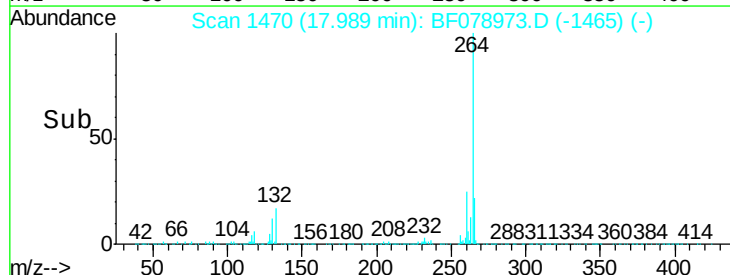
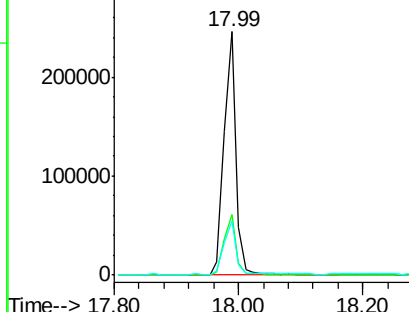


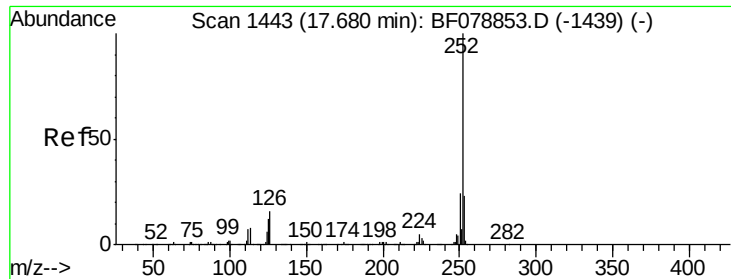
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. -0.24 min
 Lab File: BF078973.D
 Acq: 6 May 2015 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	19.4	29.2	
265	22.1	18.3	27.5	



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





#87
 Benzo(b)fluoranthene
 Concen: 2.68 ng/ml
 RT: 17.53 min Scan# 1430
 Delta R.T. -0.19 min
 Lab File: BF078973.D
 Acq: 6 May 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-D3.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	54.0	9.5	14.3

Manual Integrations
 APPROVED

apatel
 5/7/2015 1:58:34 PM

