

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077526.D
 Acq On : 2 Mar 2015 17:02
 Operator : TP/IZ
 Sample : G1399-03 2X
 Misc : S
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB11

Manual Integrations
 APPROVED

apatel
 3/3/2015 6:26:37 PM

Quant Time: Mar 03 05:49:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	108104	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	421386	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	221544	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	427854	20.00	ng	0.00
75) Chrysene-d12	16.15	240	458281	20.00	ng	0.01
86) Perylene-d12	17.94	264	465462	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	215121	33.22	ng	0.00
7) Phenol-d6	6.82	99	271451	32.60	ng	0.00
23) Nitrobenzene-d5	7.95	82	161346	23.81	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	67612	31.70	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	351347	24.73	ng	0.00
78) Terphenyl-d14	14.85	244	406003	20.71	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.88	178	68346	2.76	ng	99
74) Fluoranthene	14.36	202	153323	5.66	ng	96
77) Pyrene	14.64	202	172498	6.15	ng	99
80) Benzo(a)anthracene	16.13	228	102546m	3.82	ng	
82) Chrysene	16.18	228	91300	3.62	ng	97
85) Indeno(1,2,3-cd)pyrene	19.39	276	75502m	2.63	ng	
87) Benzo(b)fluoranthene	17.47	252	156538m	5.78	ng	
89) Benzo(a)pyrene	17.87	252	113322m	4.40	ng	
91) Benzo(g,h,i)perylene	19.82	276	72810	2.93	ng	96

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

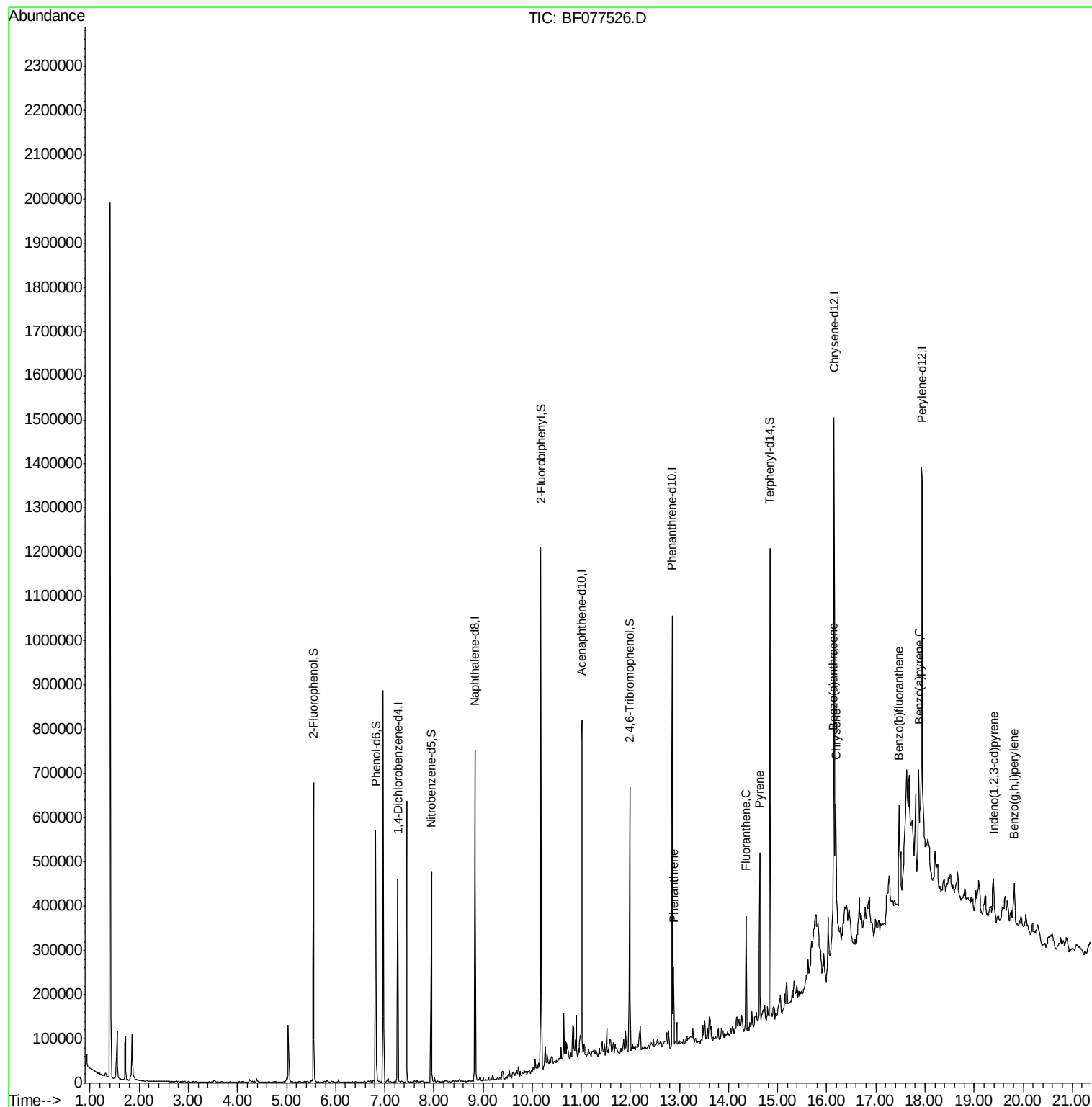
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077526.D
Acq On : 2 Mar 2015 17:02
Operator : TP/IZ
Sample : G1399-03 2X
Misc : S
ALS Vial : 7 Sample Multiplier: 1

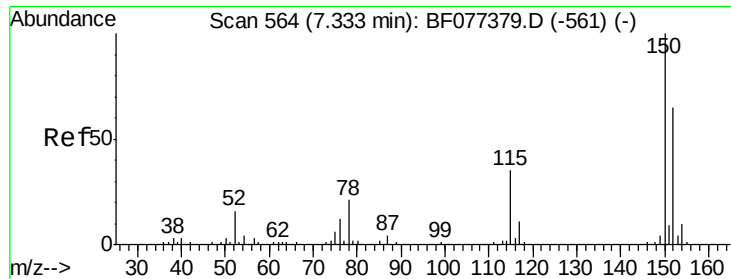
Instrument :
BNA_F
ClientSampled :
SB11

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:37 PM

Quant Time: Mar 03 05:49:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 23:46:07 2015
Response via : Initial Calibration





#1

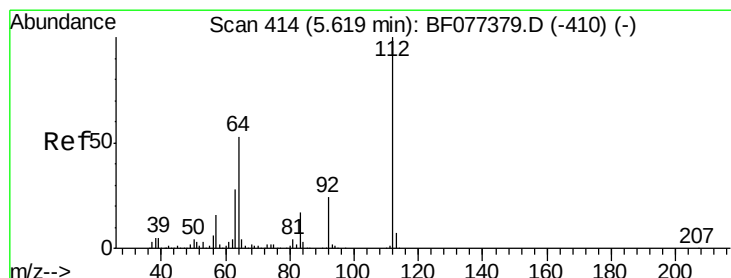
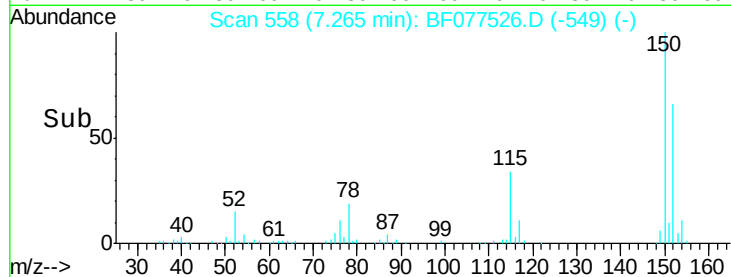
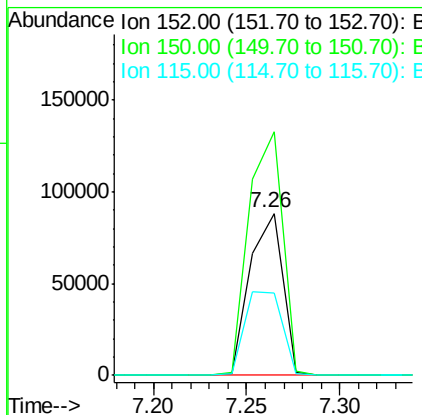
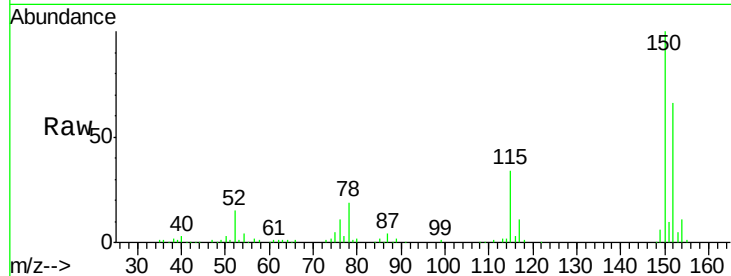
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
SB11

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		108104		
150	150.6	124.0	186.0		
115	50.9	49.4	74.2		

Manual Integrations
APPROVED

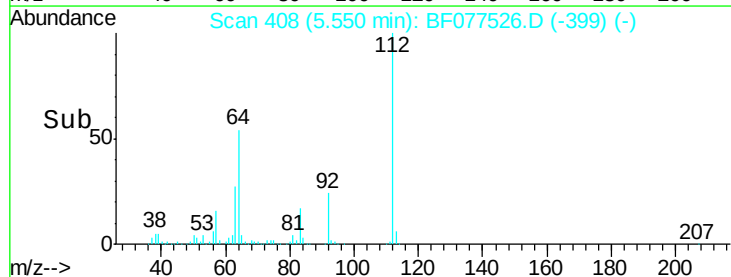
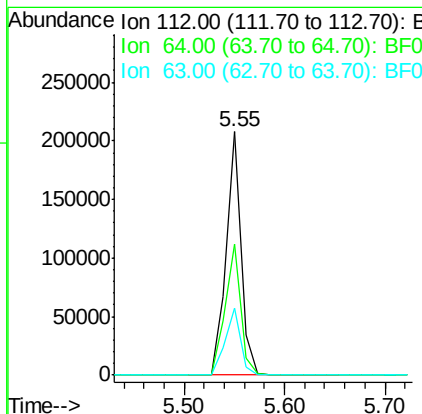
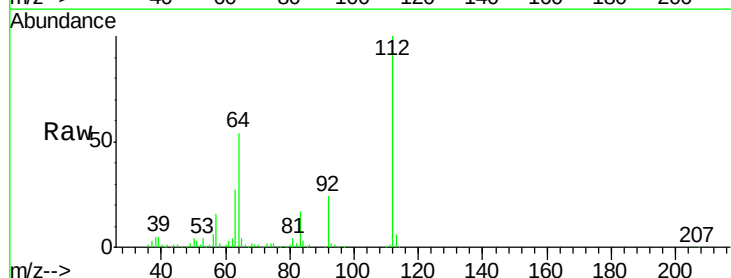
apatel
3/3/2015 6:26:37 PM

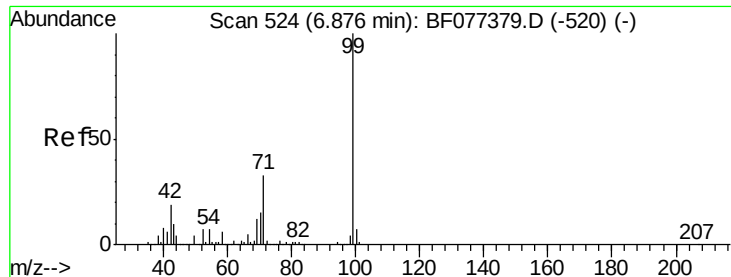


#5

2-Fluorophenol
Concen: 33.22 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		215121		
64	53.8	48.5	72.7		
63	27.5	25.0	37.4		





#7

Phenol-d6

Concen: 32.60 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Instrument :

BNA_F

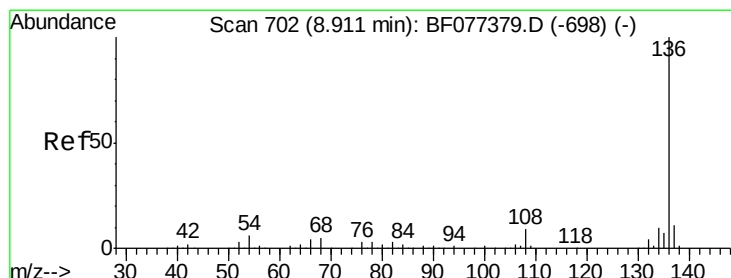
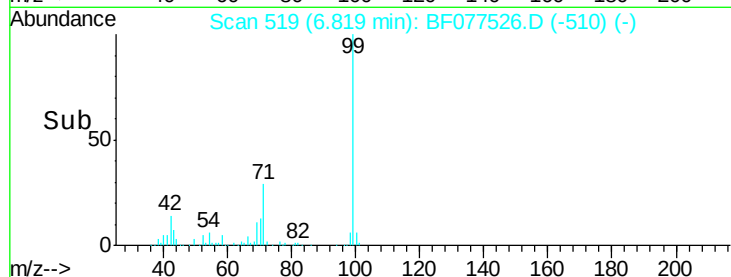
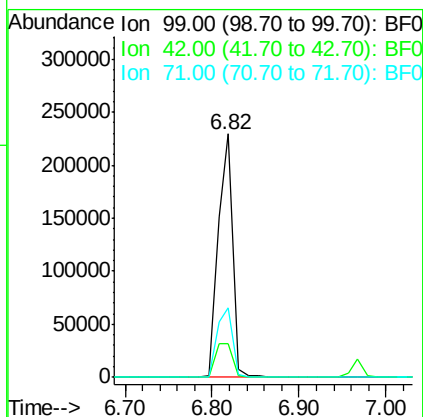
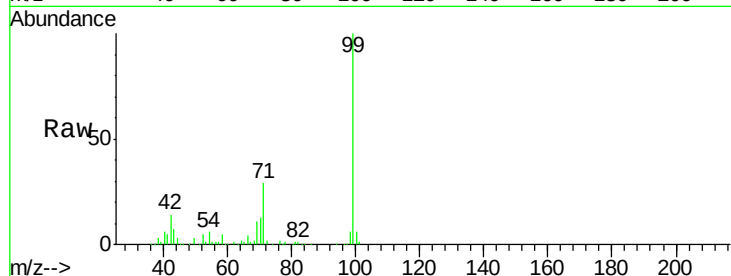
ClientSampleId :

SB11

Tgt Ion:	99	Resp:	271451
Ion Ratio	Lower	Upper	
99	100		
42	13.9	16.2	24.4#
71	28.6	26.7	40.1

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:37 PM



#21

Naphthalene-d8

Concen: 20.00 ng

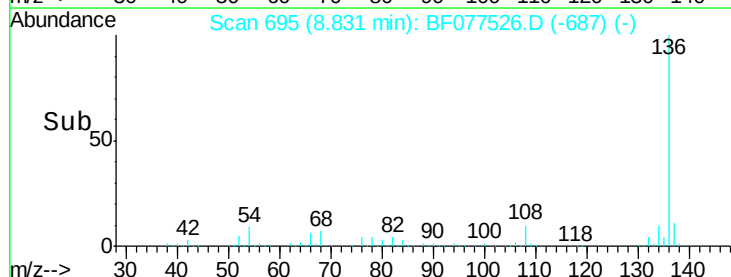
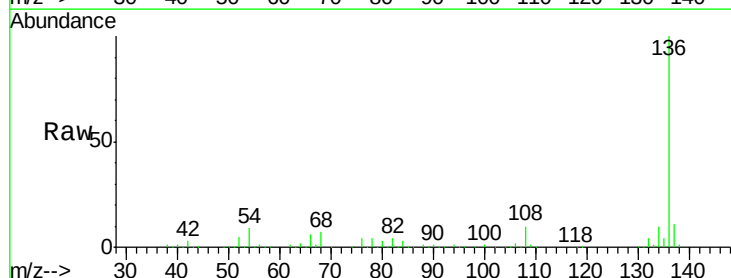
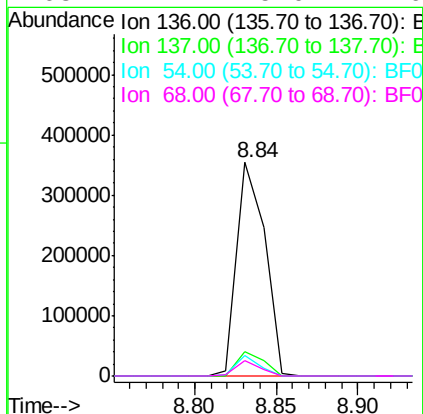
RT: 8.84 min Scan# 695

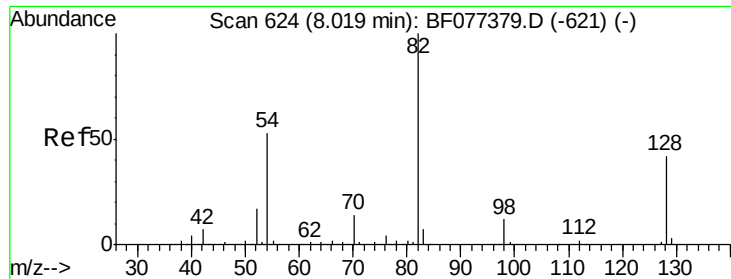
Delta R.T. -0.00 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Tgt Ion:	136	Resp:	421386
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	9.5	6.2	9.4#
68	7.4	5.0	7.6





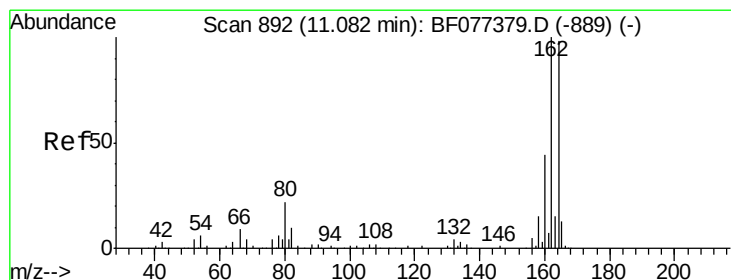
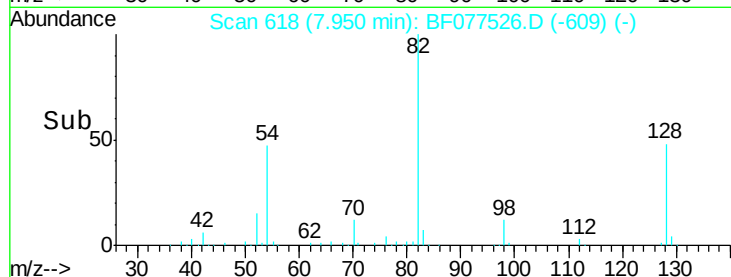
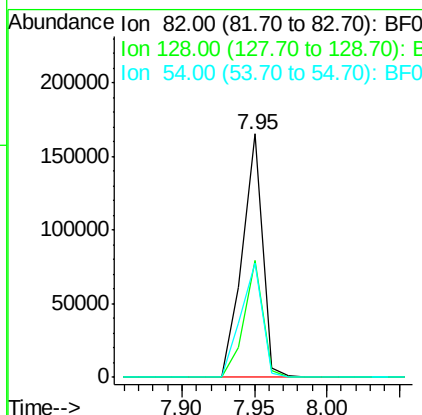
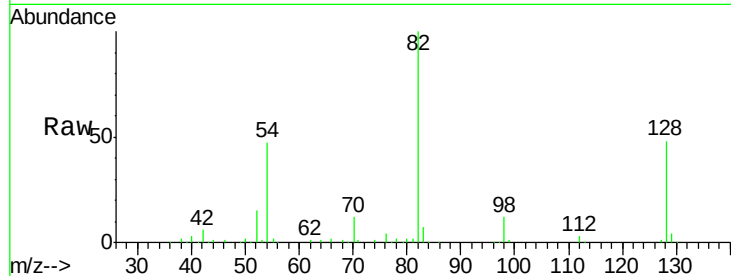
#23
 Nitrobenzene-d5
 Concen: 23.81 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077526.D
 Acq: 2 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SB11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	161346		
128	48.1	43.8	65.8	
54	46.9	36.7	55.1	

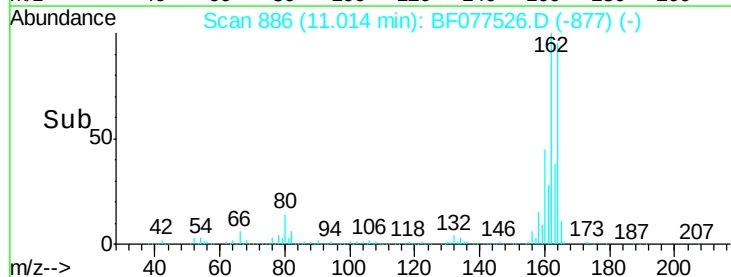
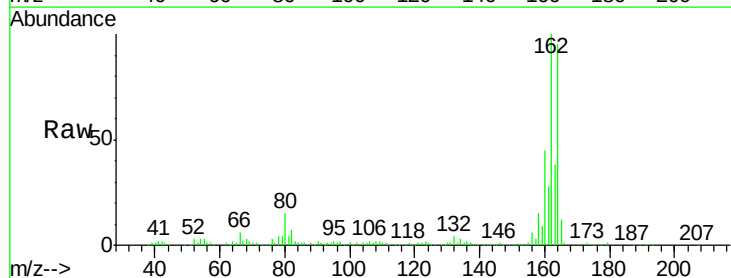
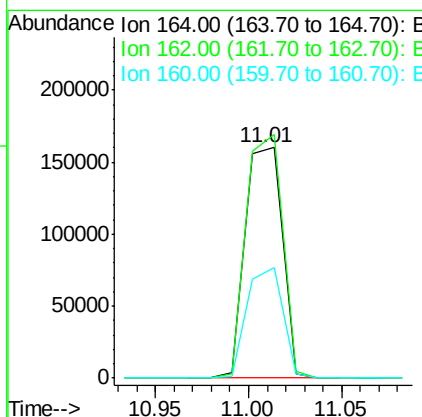
Manual Integrations
 APPROVED

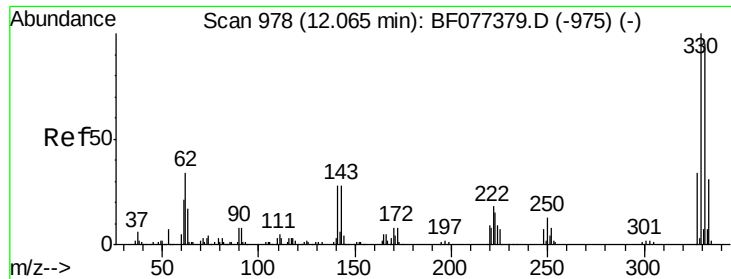
apatel
 3/3/2015 6:26:37 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF077526.D
 Acq: 2 Mar 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	221544		
162	105.8	83.2	124.8	
160	47.8	34.6	52.0	





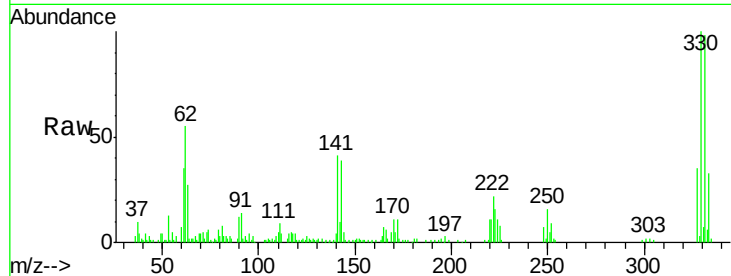
#41
 2,4,6-Tribromophenol
 Concen: 31.70 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077526.D
 Acq: 2 Mar 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SB11

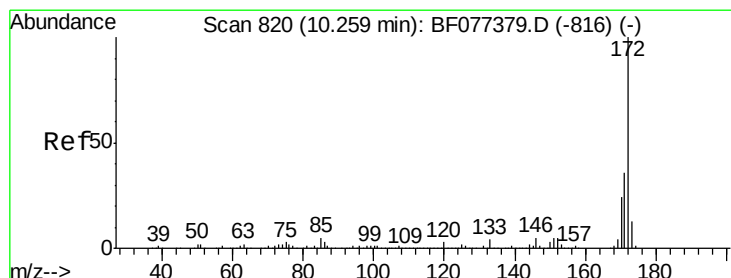
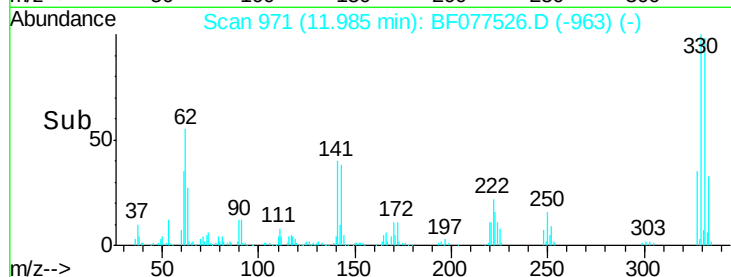
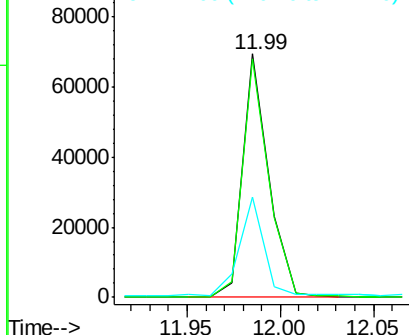
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	67612		
332	98.5	77.4	116.2	
141	38.7	28.8	43.2	

Manual Integrations
 APPROVED

apatel
 3/3/2015 6:26:37 PM

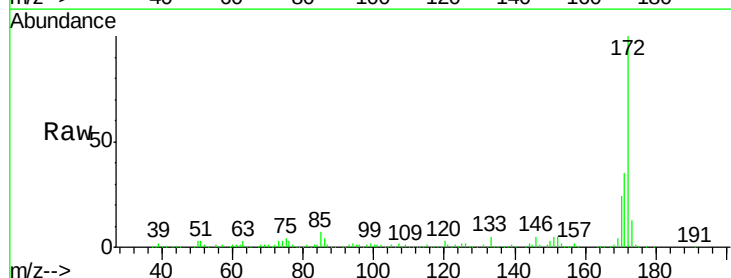


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

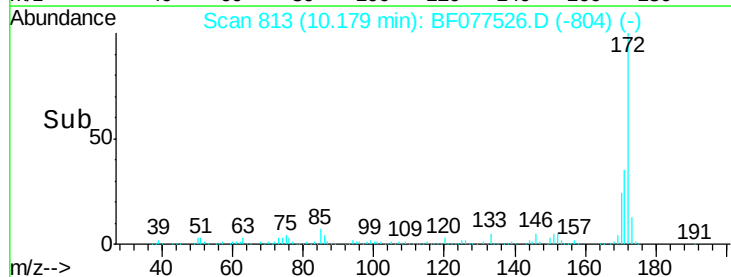
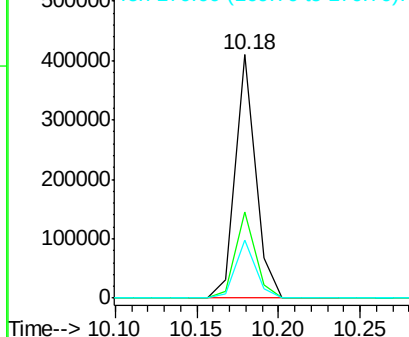


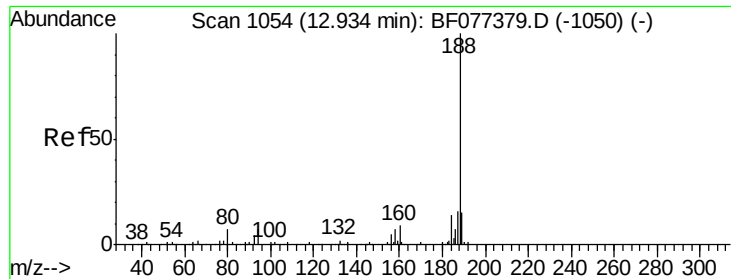
#44
 2-Fluorobiphenyl
 Concen: 24.73 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077526.D
 Acq: 2 Mar 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	351347		
171	35.2	28.9	43.3	
170	23.7	19.4	29.2	



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





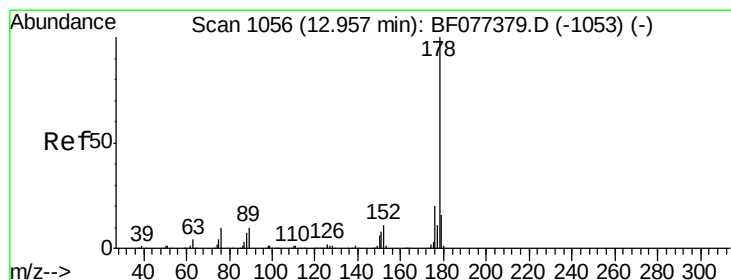
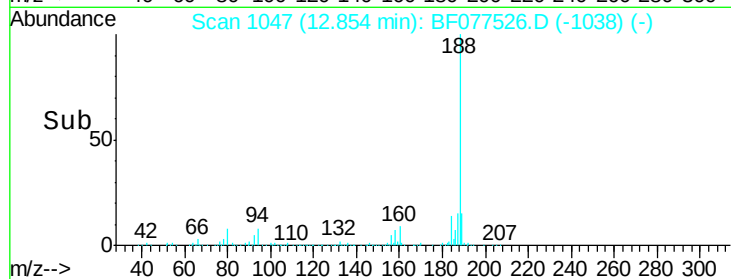
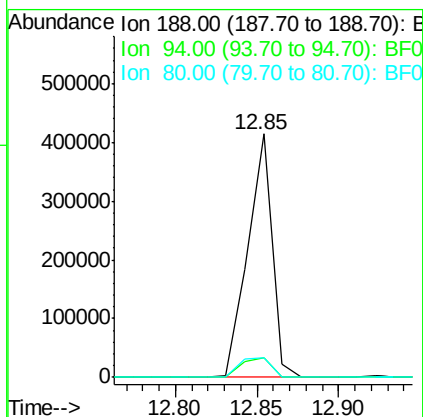
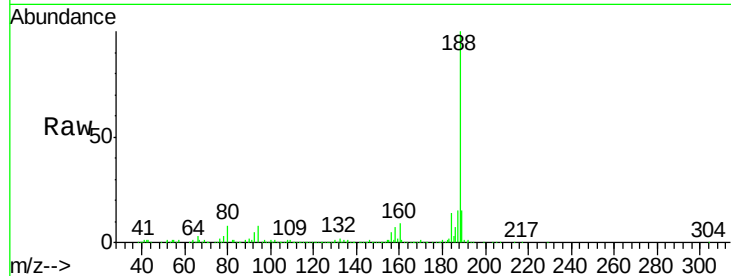
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Instrument :
BNA_F
ClientSampled :
SB11

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	7.4	11.2
80	8.0	8.0	12.0

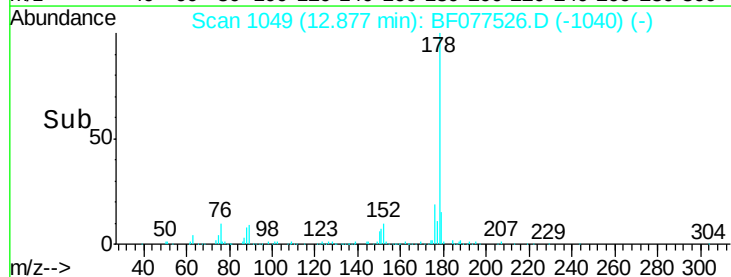
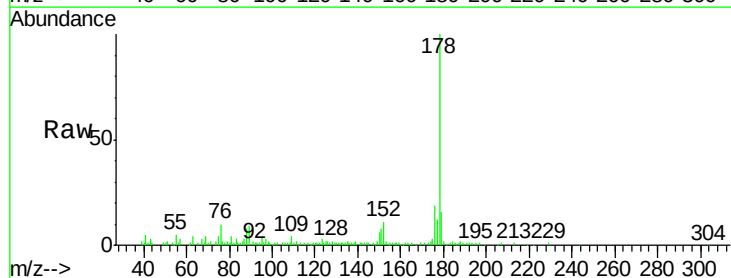
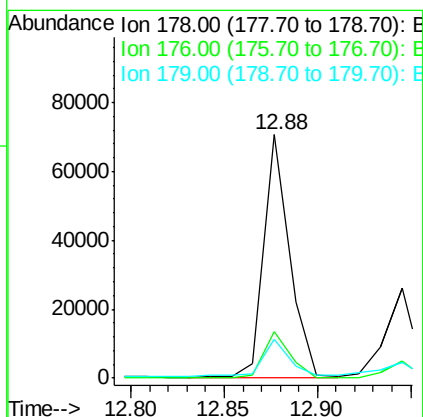
Manual Integrations
APPROVED

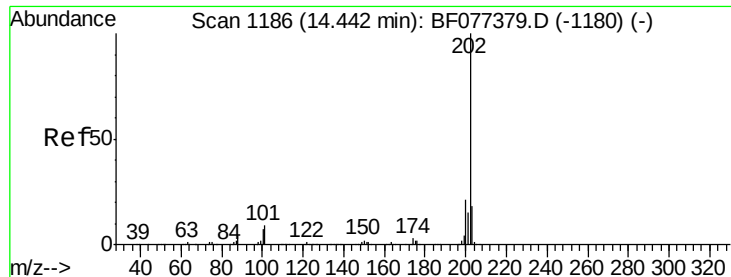
apatel
3/3/2015 6:26:37 PM



#70
Phenanthrene
Concen: 2.76 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.5	23.3
179	15.8	12.2	18.2





#74

Fluoranthene

Concen: 5.66 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Instrument :

BNA_F

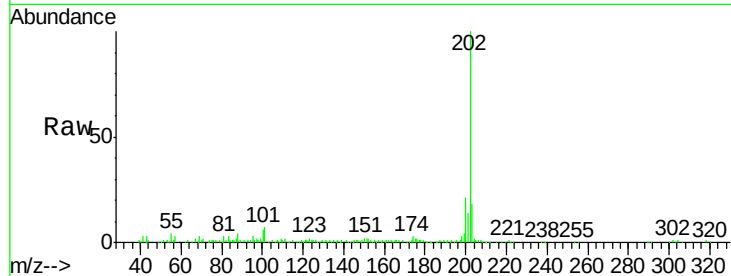
ClientSampleId :

SB11

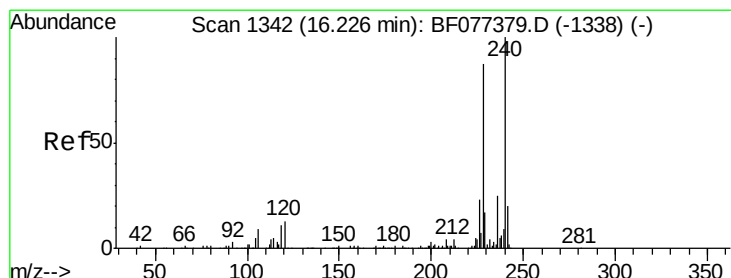
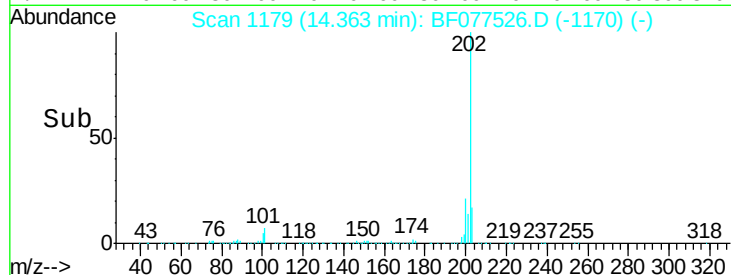
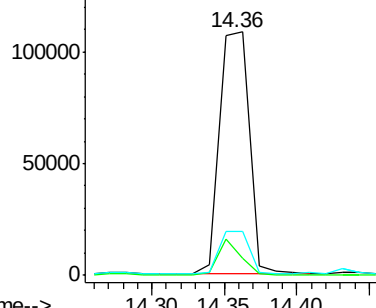
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		153323		
101	7.2	0.0	30.8		
203	17.8	0.0	37.7		

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:37 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

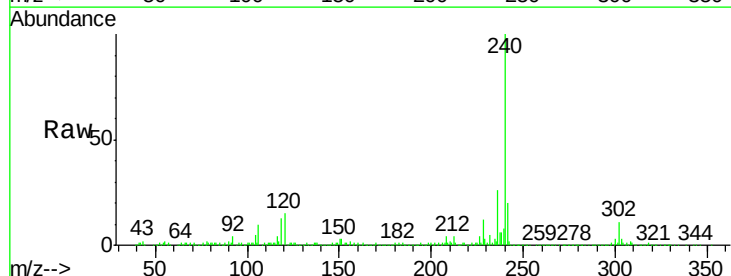
RT: 16.15 min Scan# 1335

Delta R.T. 0.01 min

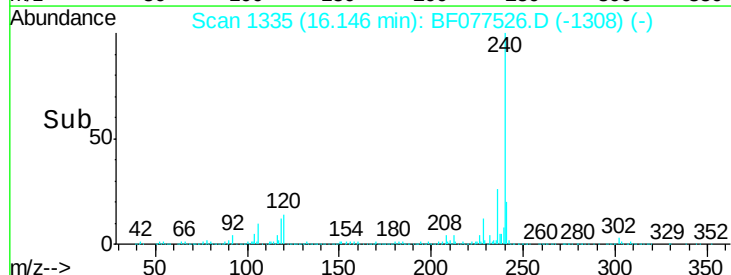
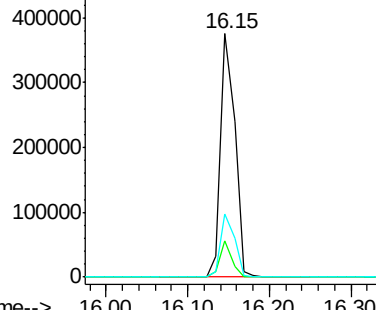
Lab File: BF077526.D

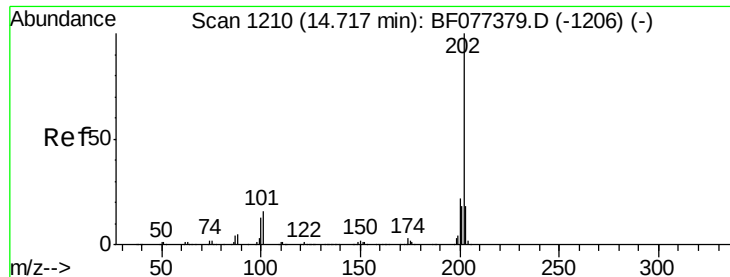
Acq: 2 Mar 2015 17:02

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		458281		
120	14.6	8.8	13.2#		
236	25.8	20.7	31.1		



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





#77

Pyrene

Concen: 6.15 ng

RT: 14.64 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Instrument :

BNA_F

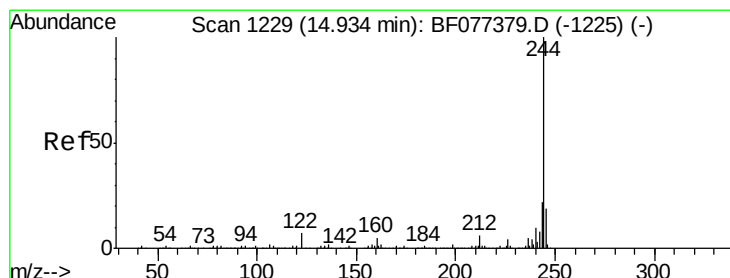
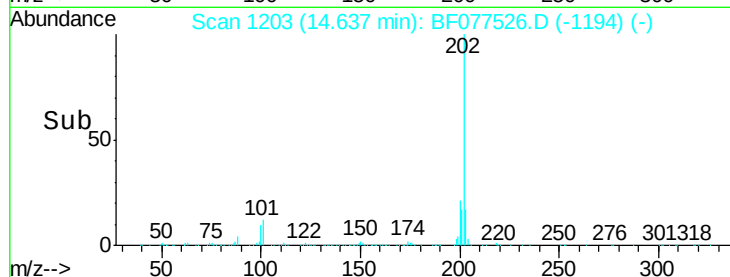
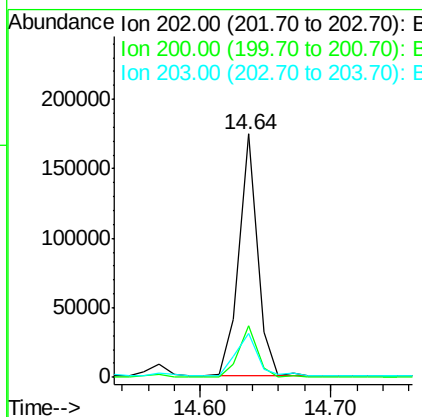
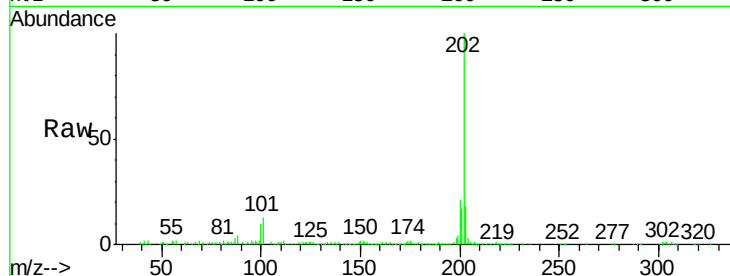
ClientSampleId :

SB11

Tgt	Ion	202	Resp:	172498
Ion	Ratio	Lower	Upper	
202	100			
200	21.3	17.1	25.7	
203	18.2	14.2	21.2	

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:37 PM



#78

Terphenyl-d14

Concen: 20.71 ng

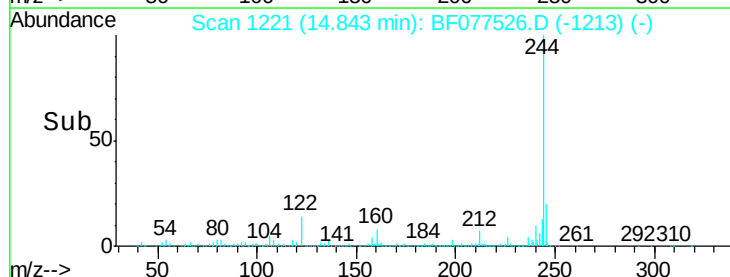
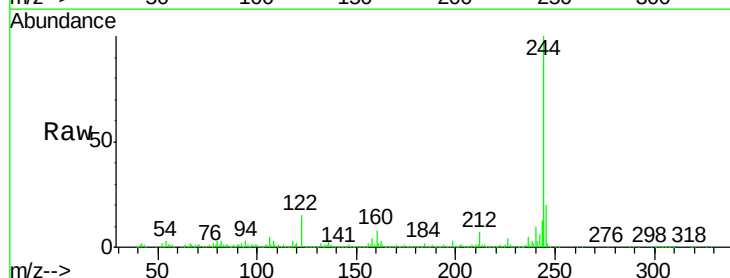
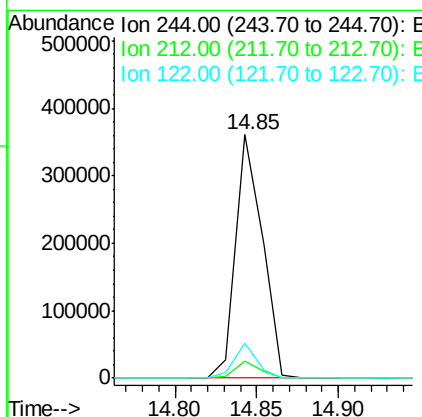
RT: 14.85 min Scan# 1221

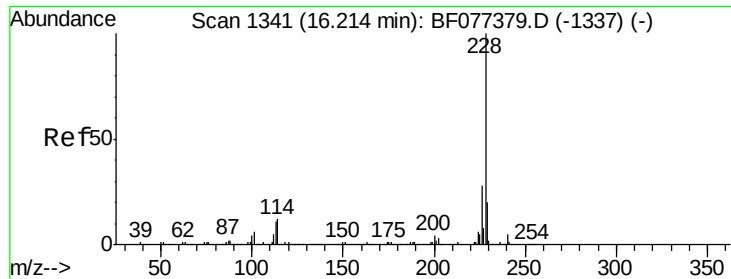
Delta R.T. 0.00 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Tgt	Ion	244	Resp:	406003
Ion	Ratio	Lower	Upper	
244	100			
212	6.8	5.2	7.8	
122	14.6	7.8	11.8	#





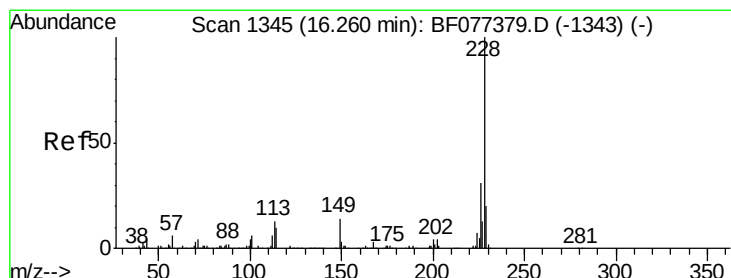
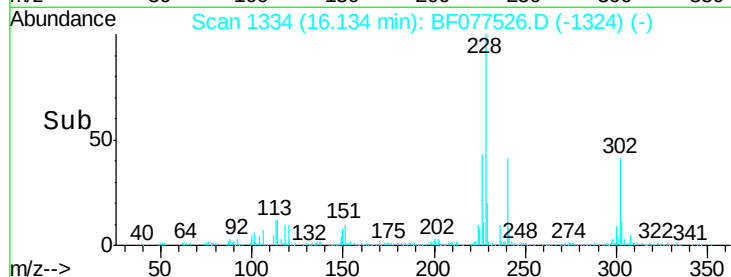
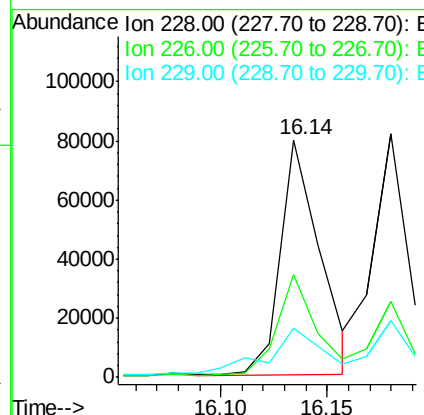
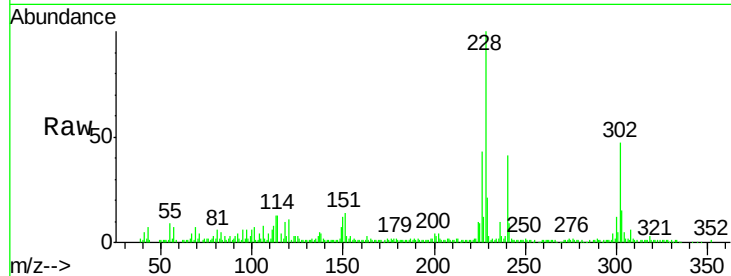
#80
Benzo(a)anthracene
Concen: 3.82 ng m
RT: 16.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
SB11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.1	22.0	33.0#
229	20.9	15.8	23.8

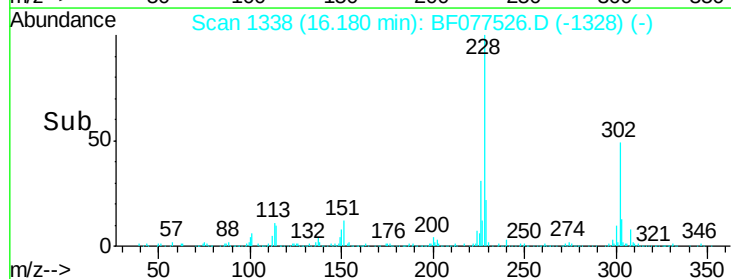
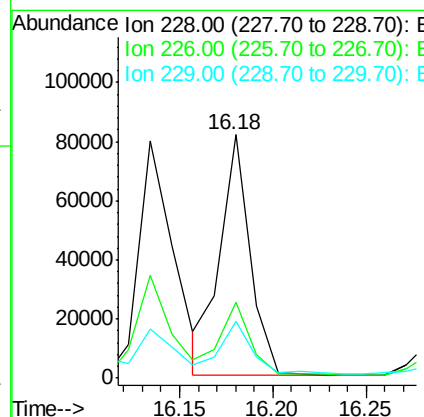
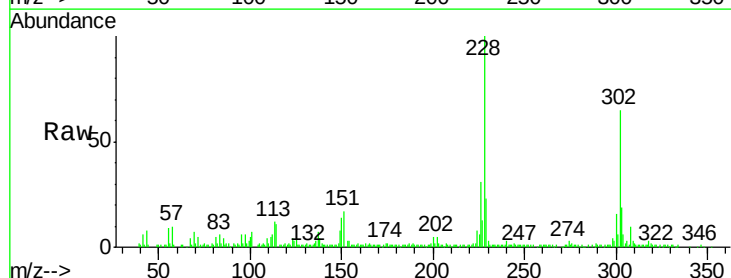
Manual Integrations
APPROVED

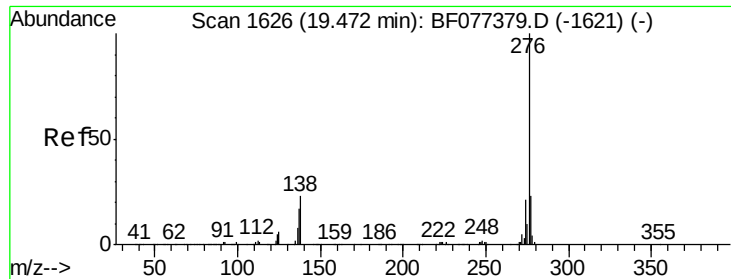
apatel
3/3/2015 6:26:37 PM



#82
Chrysene
Concen: 3.62 ng
RT: 16.18 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	23.4	16.4	24.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.63 ng m

RT: 19.39 min Scan# 1619

Delta R.T. 0.11 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Instrument :

BNA_F

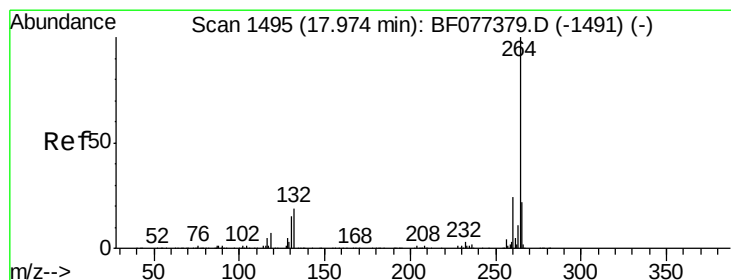
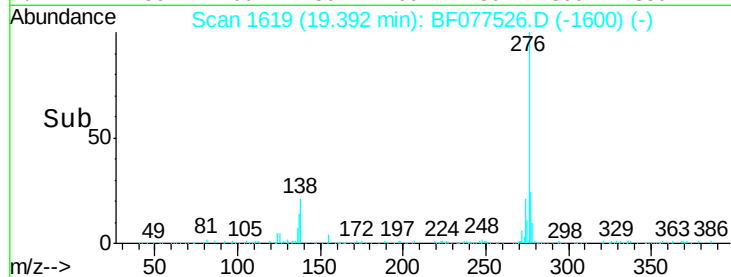
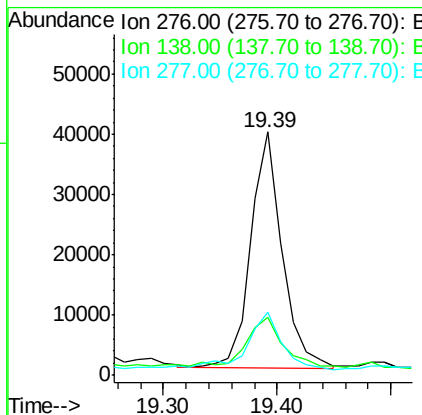
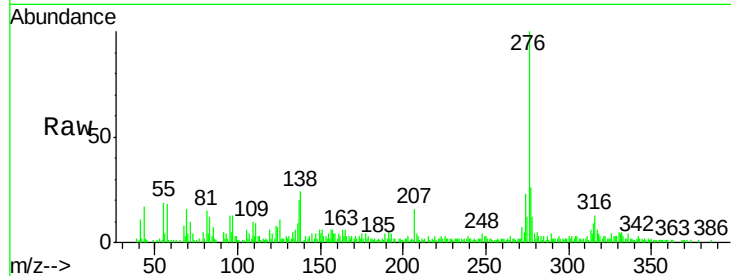
ClientSampled :

SB11

Tgt Ion:	276	Resp:	75502
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.2	31.8#
277	2.9	20.0	30.0#

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:37 PM



#86

Perylene-d12

Concen: 20.00 ng

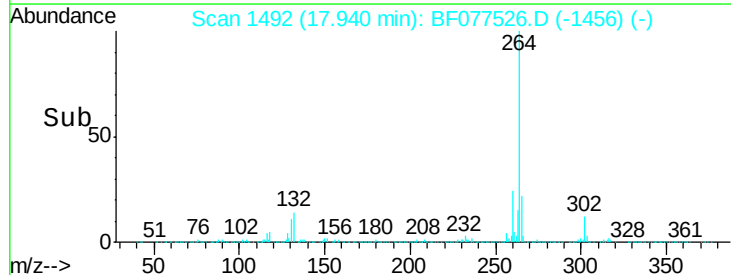
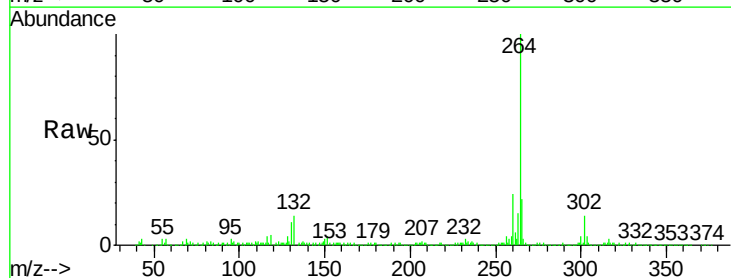
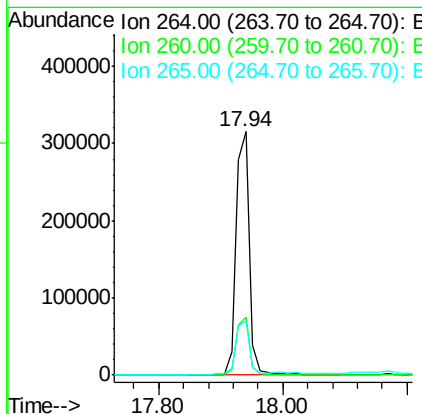
RT: 17.94 min Scan# 1492

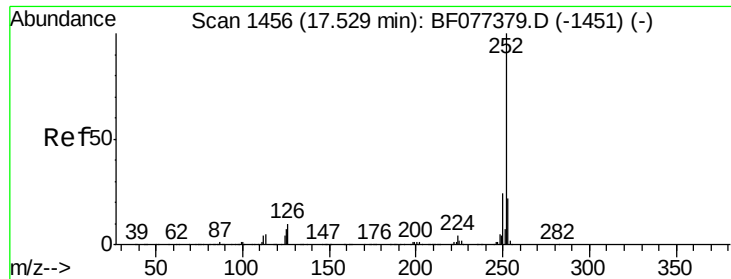
Delta R.T. 0.11 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Tgt Ion:	264	Resp:	465462
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	22.0	16.8	25.2





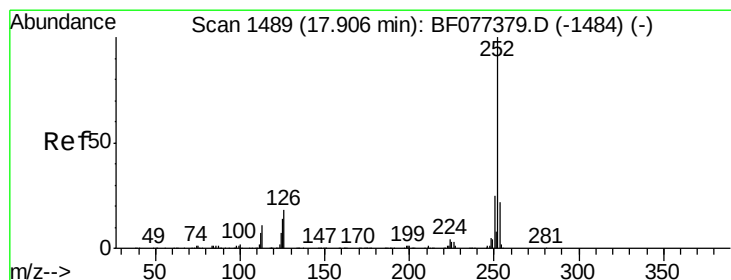
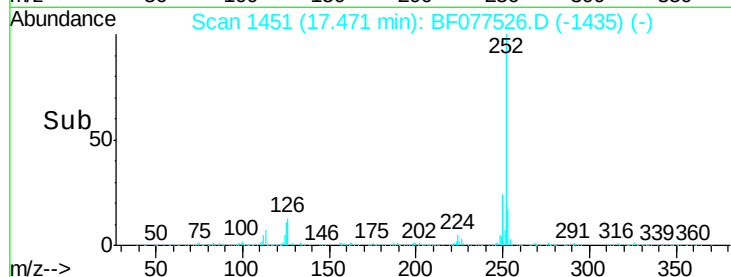
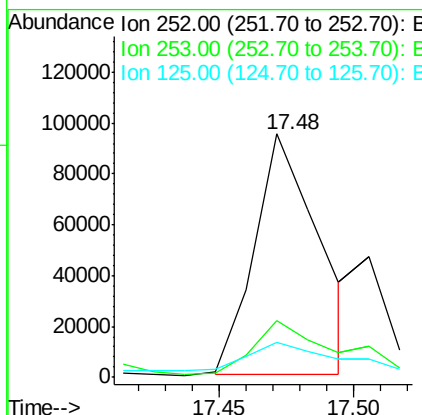
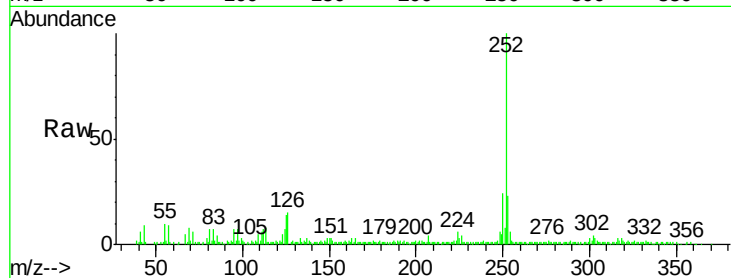
#87
Benzo(b)fluoranthene
Concen: 5.78 ng m
RT: 17.47 min Scan# 1451
Delta R.T. 0.08 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Instrument :
BNA_F
ClientSampleId :
SB11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	14.2	5.4	8.2#

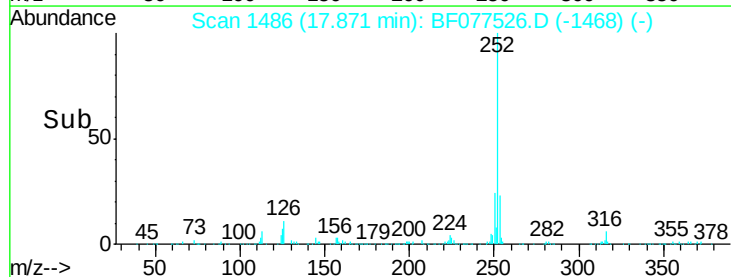
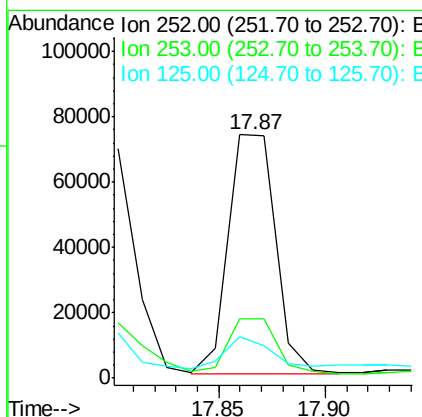
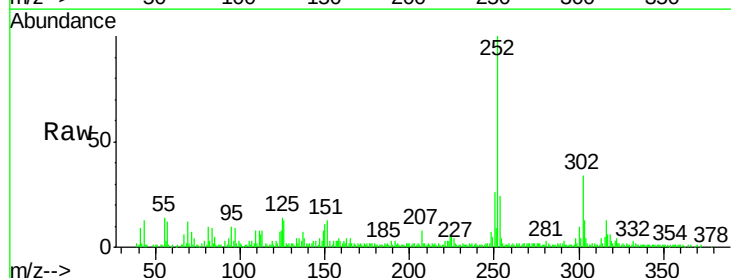
Manual Integrations
APPROVED

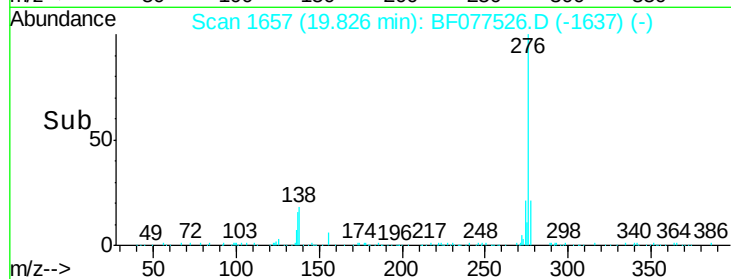
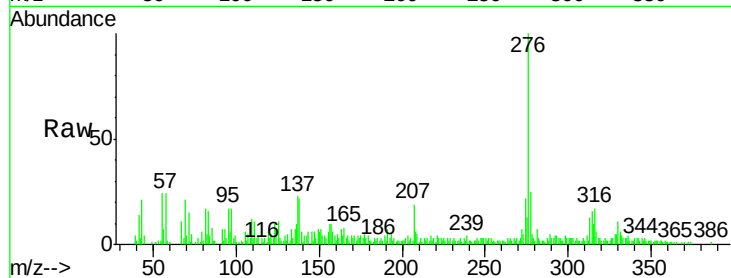
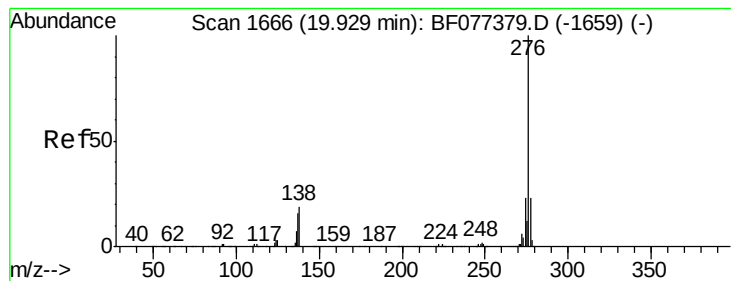
apatel
3/3/2015 6:26:37 PM



#89
Benzo(a)pyrene
Concen: 4.40 ng m
RT: 17.87 min Scan# 1486
Delta R.T. 0.10 min
Lab File: BF077526.D
Acq: 2 Mar 2015 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	13.6	8.3	12.5#





#91

Benzo(g,h,i)perylene

Concen: 2.93 ng

RT: 19.82 min Scan# 1657

Delta R.T. 0.12 min

Lab File: BF077526.D

Acq: 2 Mar 2015 17:02

Instrument :

BNA_F

ClientSampleId :

SB11

Tgt Ion: 276 Resp: 72810

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 22.3 20.5 30.7

Manual Integrations
APPROVED

apatel
3/3/2015 6:26:37 PM

