

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086149.D
 Acq On : 8 Apr 2016 00:23
 Operator : UM/SJ
 Sample : H2282-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-16(0.5-20.0)

Manual Integrations
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 4/8/2016 6:09:26 PM

Quant Time: Apr 08 03:47:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112326	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	467270	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	203035	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	397302	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	262010	20.00	ng	-0.03
86) Perylene-d12	15.29	264	210839	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	785440	119.52	ng	-0.03
7) Phenol-d6	6.38	99	1012799	121.34	ng	-0.03
23) Nitrobenzene-d5	7.31	82	673199	84.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	273963	143.76	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	916966	75.09	ng	-0.05
78) Terphenyl-d14	12.84	244	941217	84.44	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	157538	10.47	ng	99
74) Fluoranthene	12.46	202	77659	3.44	ng	95
77) Pyrene	12.69	202	68808	3.73	ng	98
80) Benzo(a)anthracene	13.88	228	42105	2.73	ng	97
87) Benzo(b)fluoranthene	14.90	252	35799m	2.70	ng	
89) Benzo(a)pyrene	15.23	252	28948	2.46	ng	# 93
91) Benzo(g,h,i)perylene	17.04	276	19694	2.15	ng	97

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

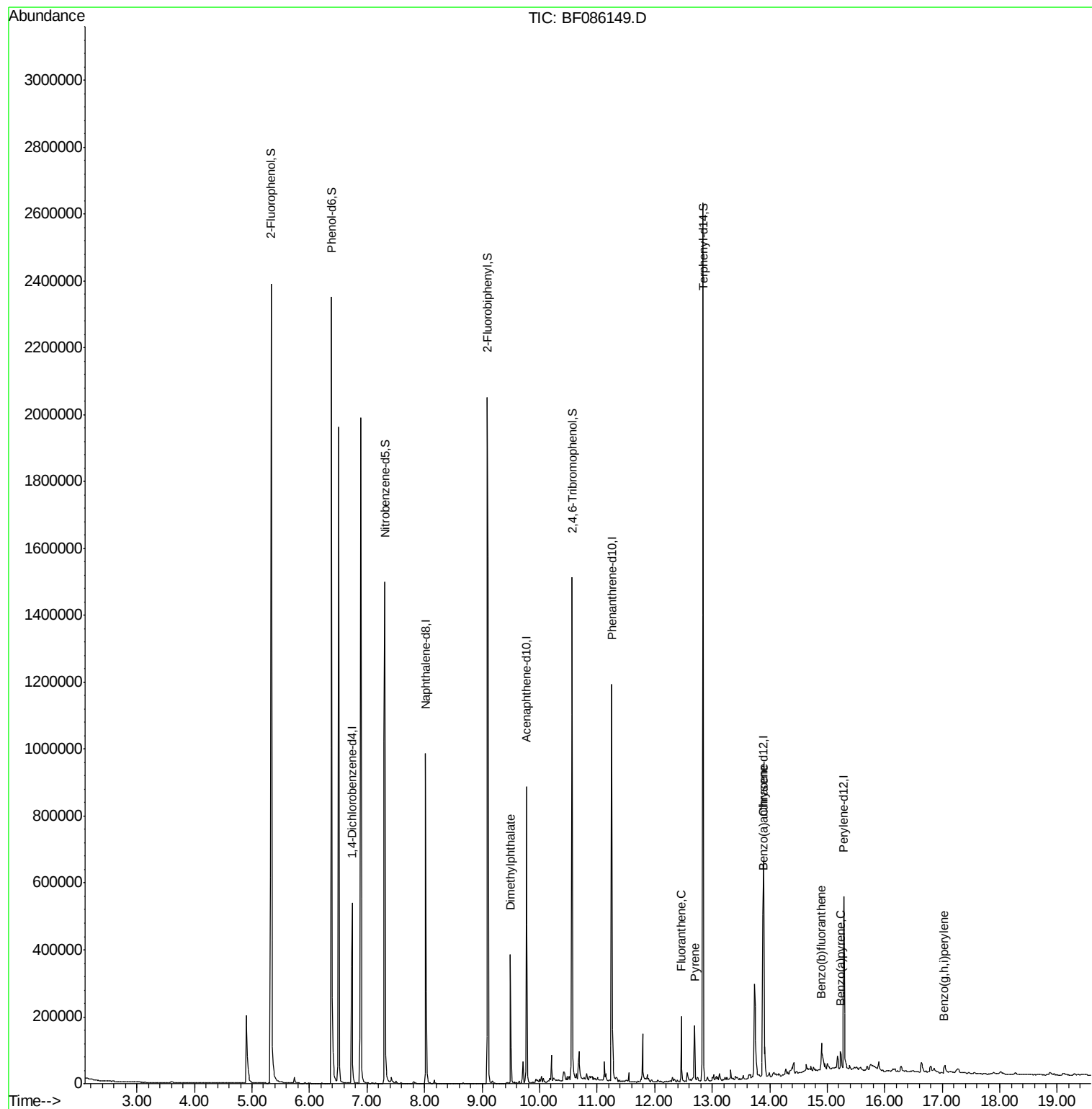
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086149.D
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Sample : H2282-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

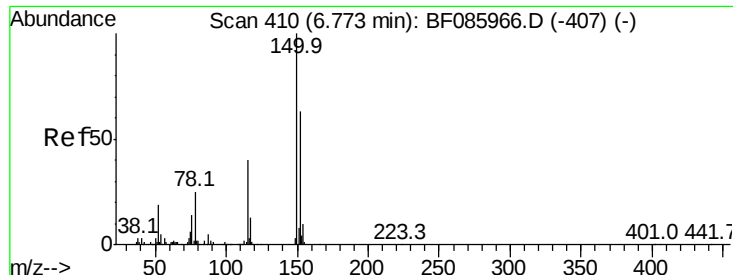
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-16(0.5-20.0)

Manual Integrations
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QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086149.D

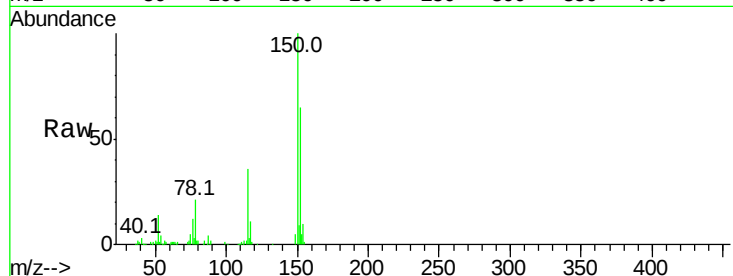
Acq: 8 Apr 2016 00:23

Instrument :

BNA_F

ClientSampleId :

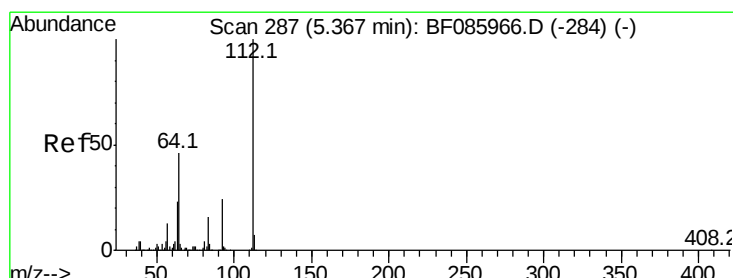
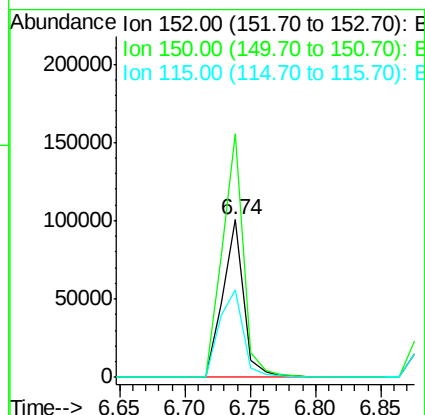
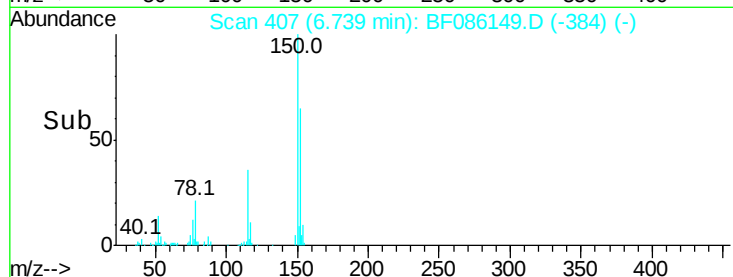
AMBOY-SB-16(0.5-20.0)



Tot Ion	152	Resp	112326
Ion Ratio	Lower	Upper	
152	100		
150	154.5	124.2	186.2
115	55.4	47.0	70.6

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#5

2-Fluorophenol

Concen: 119.52 ng

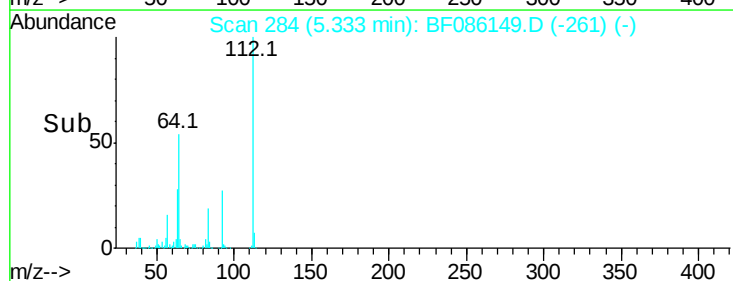
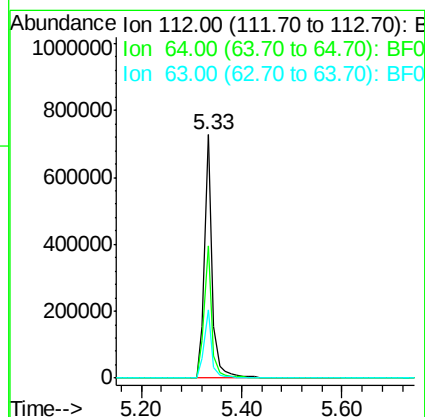
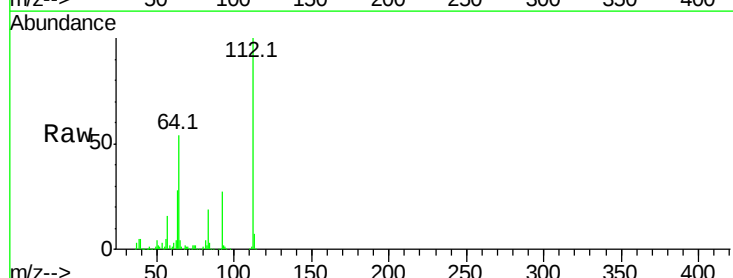
RT: 5.33 min Scan# 284

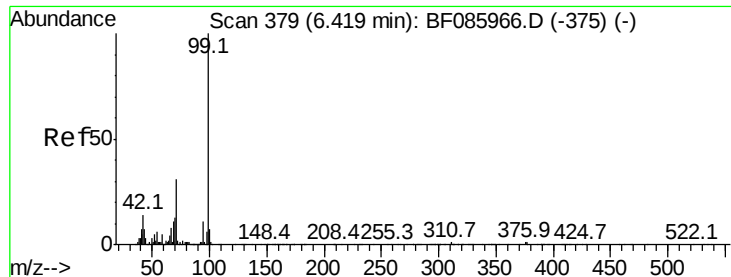
Delta R.T. -0.03 min

Lab File: BF086149.D

Acq: 8 Apr 2016 00:23

Tgt Ion	112	Resp	785440
Ion Ratio	Lower	Upper	
112	100		
64	54.5	39.9	59.9
63	27.9	20.2	30.2





#7

Phenol-d6

Concen: 121.34 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086149.D

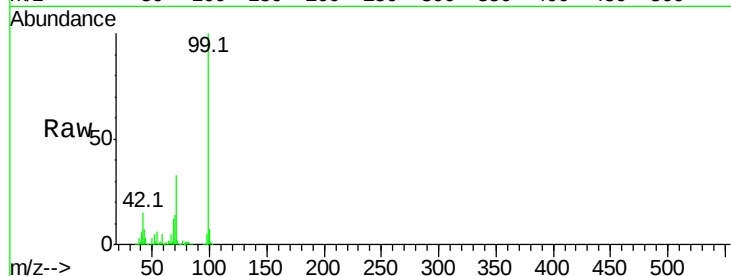
Acq: 8 Apr 2016 00:23

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-16(0.5-20.0)



Tot Ion: 99 Resp: 1012799

Ion Ratio Lower Upper

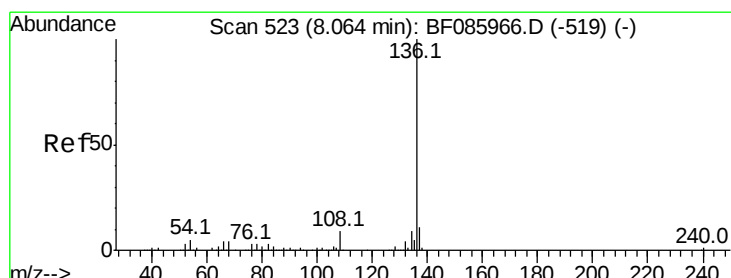
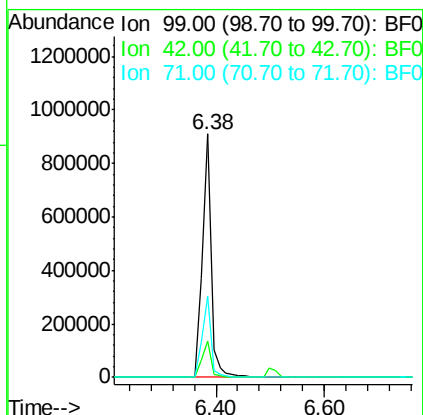
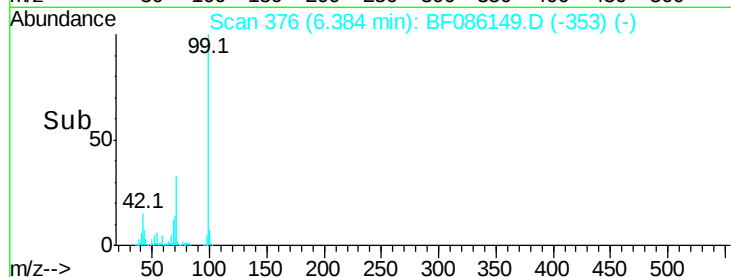
99 100

42 15.1 11.1 16.7

71 33.4 24.9 37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086149.D

Acq: 8 Apr 2016 00:23

Tgt Ion: 136 Resp: 467270

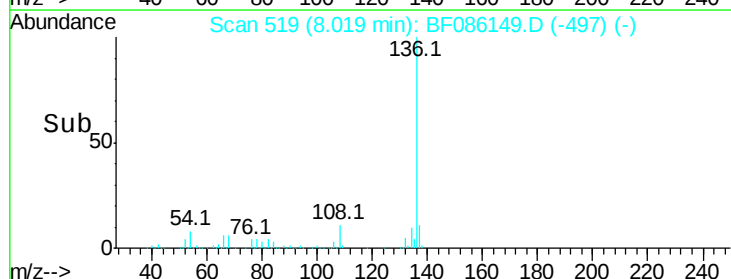
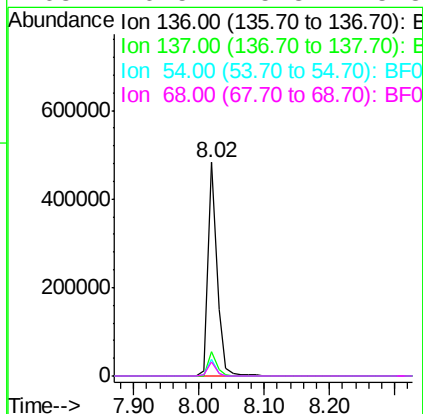
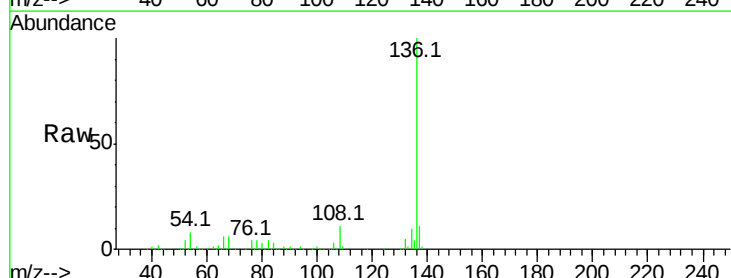
Ion Ratio Lower Upper

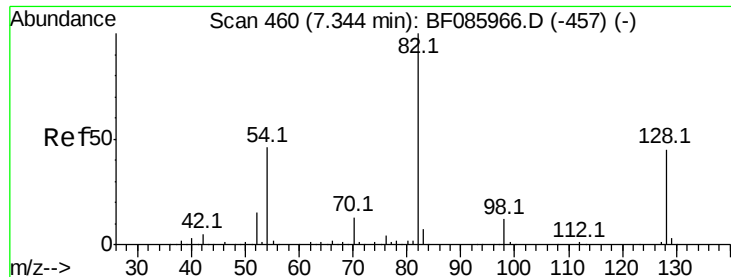
136 100

137 11.4 9.1 13.7

54 7.8 7.4 11.0

68 6.5 5.8 8.8





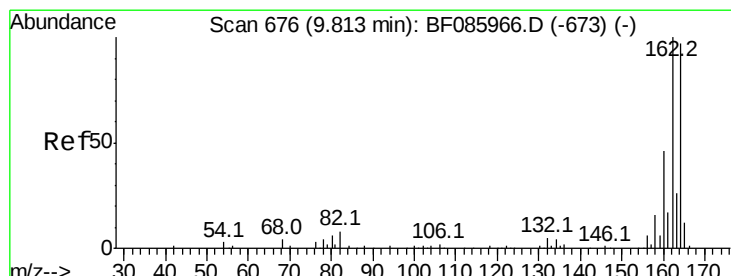
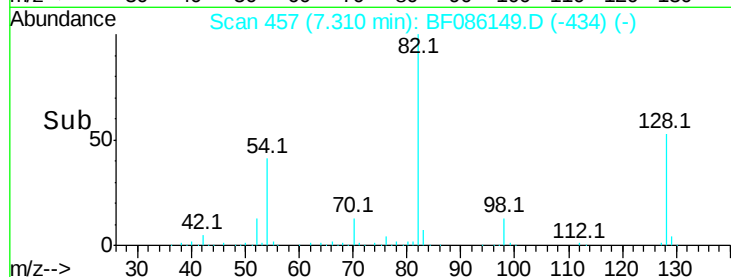
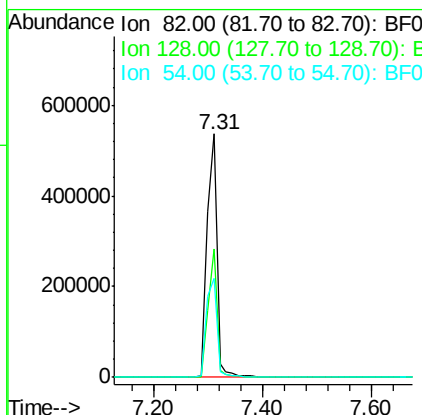
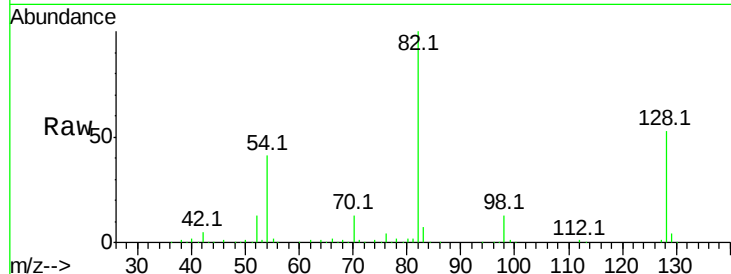
#23
 Nitrobenzene-d5
 Concen: 84.96 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086149.D
 Acq: 8 Apr 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-16(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.0	41.8	62.8
54	40.5	33.4	50.0

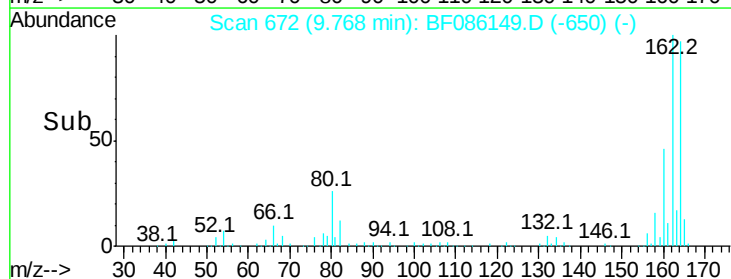
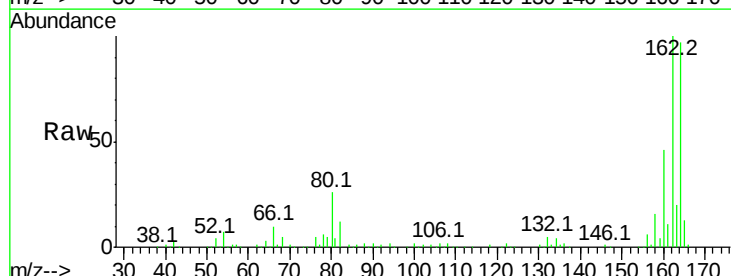
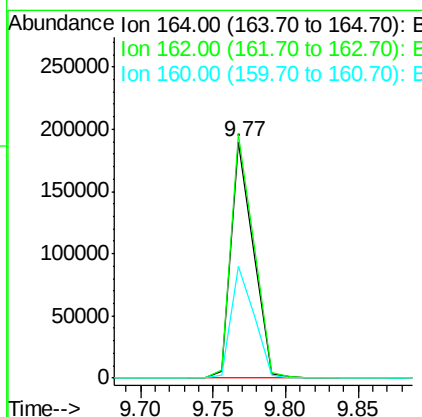
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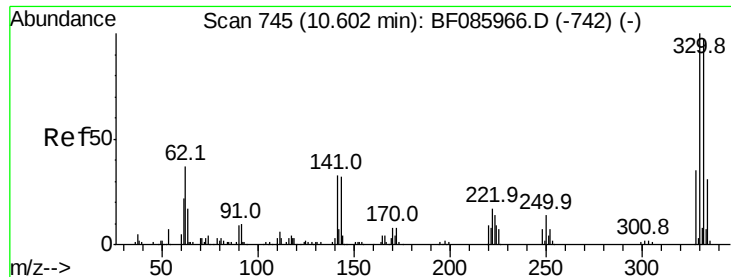
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086149.D
 Acq: 8 Apr 2016 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.1	123.1
160	47.4	37.4	56.2





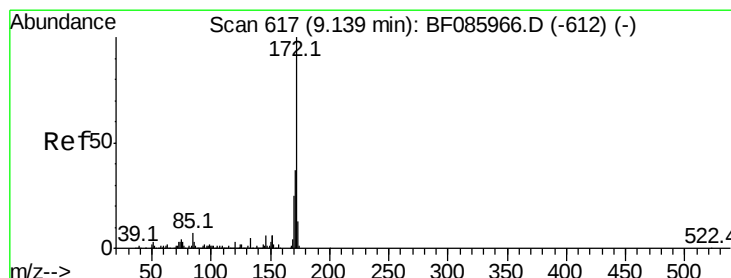
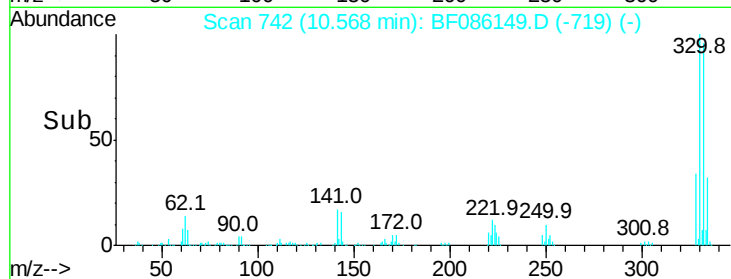
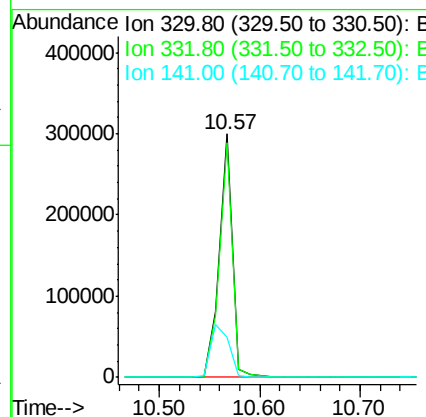
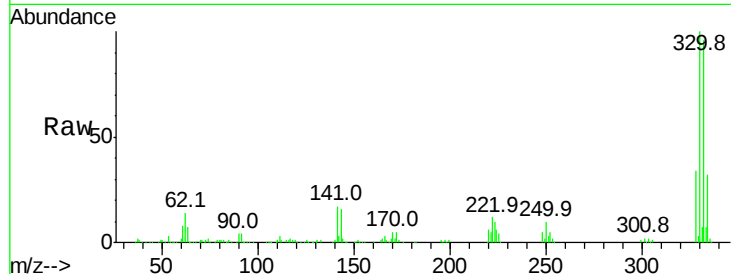
#41
 2,4,6-Tribromophenol
 Concen: 143.76 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086149.D
 Acq: 8 Apr 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-16(0.5-20.0)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	78.2	117.2	
141	30.6	31.5	47.3	

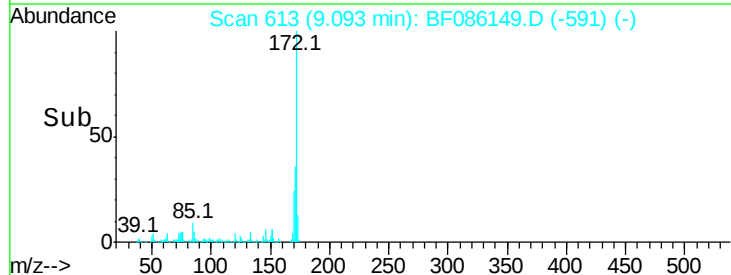
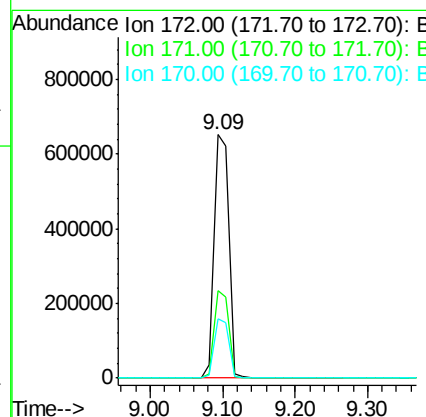
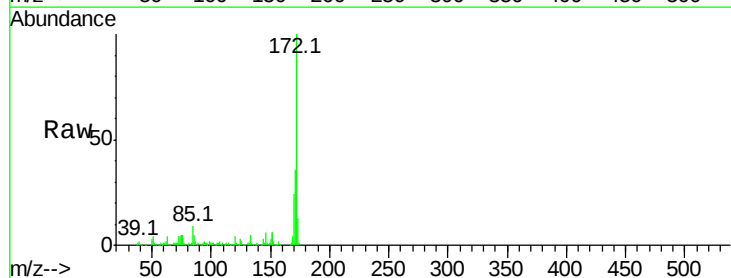
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#44
 2-Fluorobiphenyl
 Concen: 75.09 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086149.D
 Acq: 8 Apr 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.4	44.2	
170	24.3	19.8	29.6	





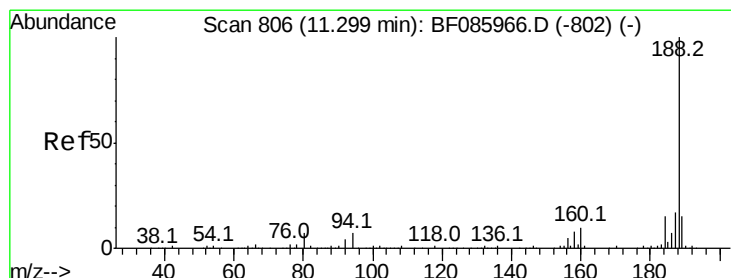
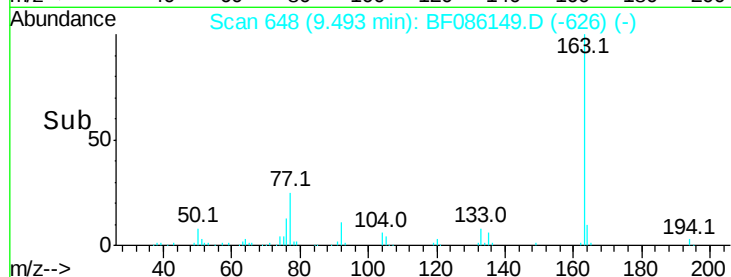
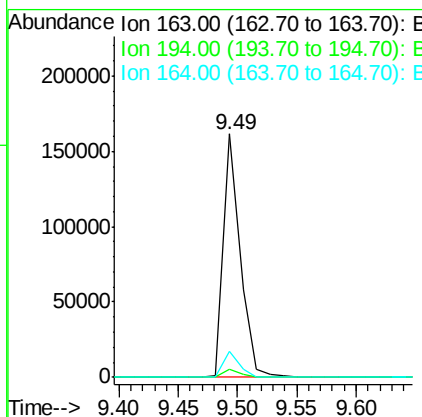
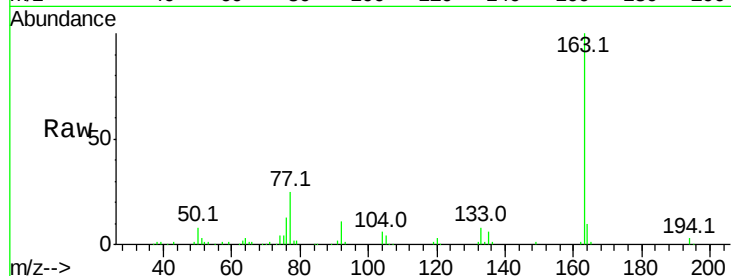
#49
Dimethylphthalate
Concen: 10.47 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086149.D
Acq: 8 Apr 2016 00:23

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-16(0.5-20.0)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	157538		
194	3.1	2.9	4.3	
164	10.5	8.3	12.5	

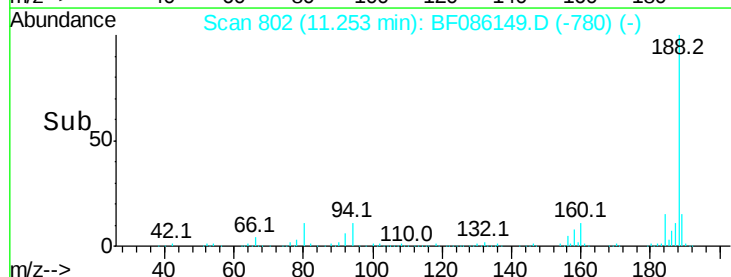
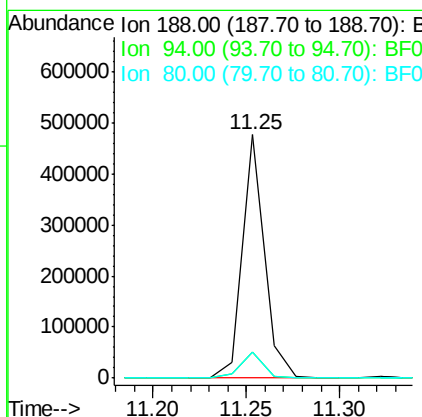
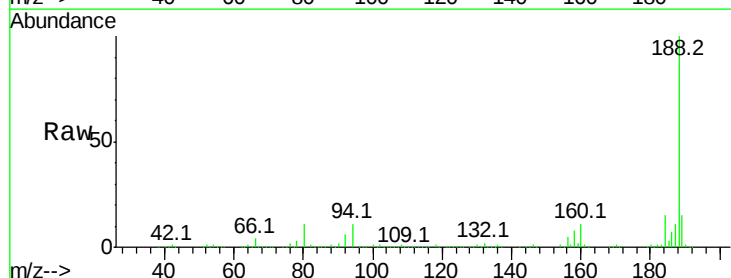
Manual Integrations
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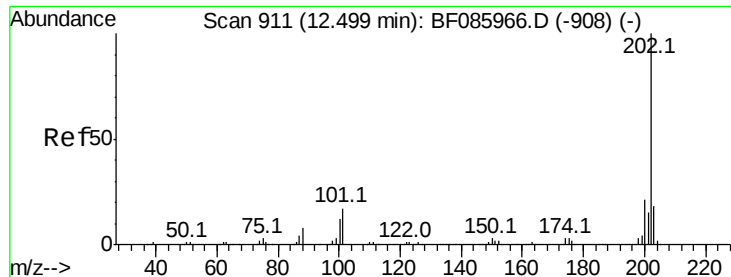
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086149.D
Acq: 8 Apr 2016 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	397302		
94	10.6	5.4	8.0#	
80	10.7	5.5	8.3#	





#74

Fluoranthene

Concen: 3.44 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF086149.D

Acq: 8 Apr 2016 00:23

Instrument :

BNA_F

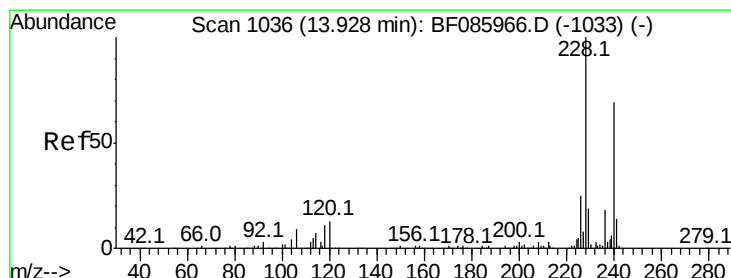
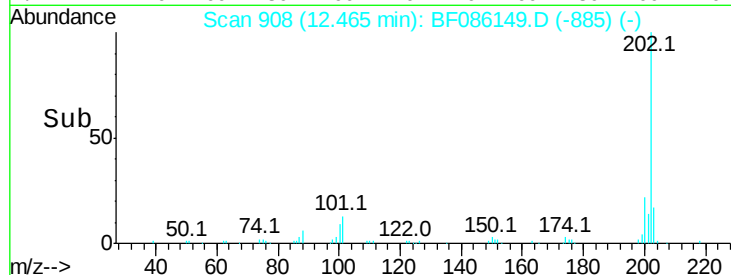
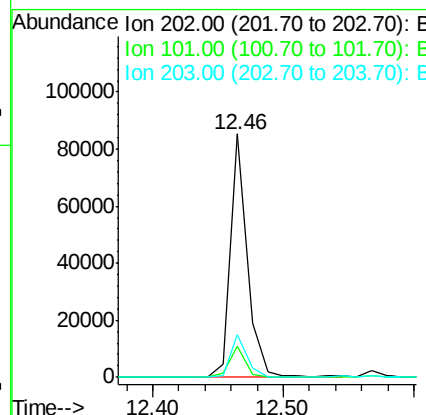
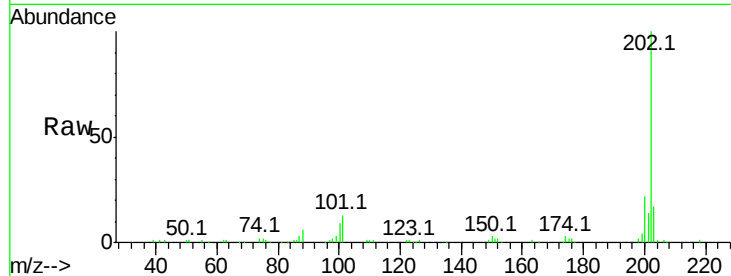
ClientSampleId :

AMBOY-SB-16(0.5-20.0)

Tot Ion:	202	Resp:	77659
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	36.6
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

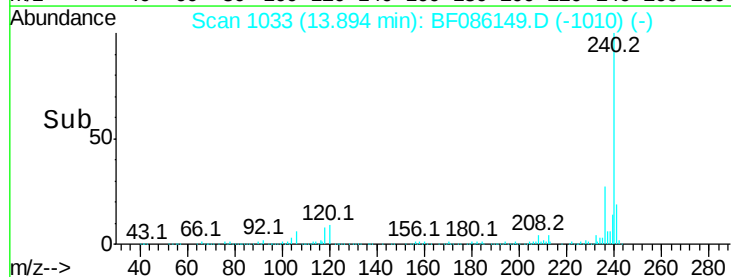
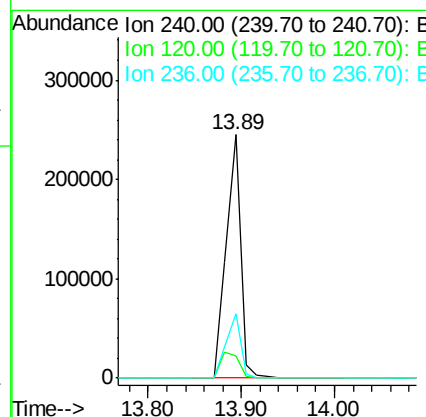
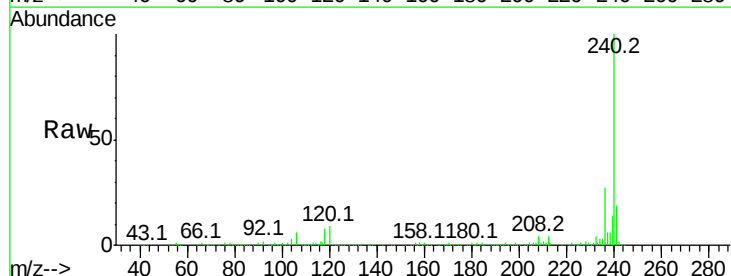
RT: 13.89 min Scan# 1033

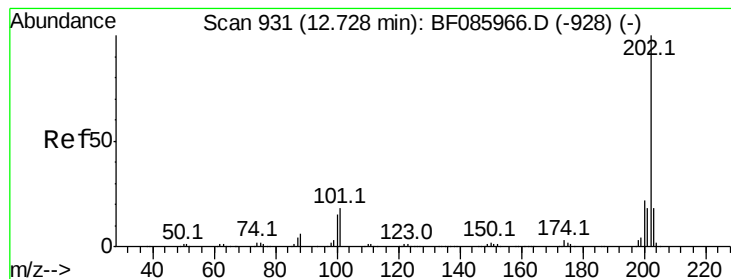
Delta R.T. -0.03 min

Lab File: BF086149.D

Acq: 8 Apr 2016 00:23

Tgt Ion:	240	Resp:	262010
Ion Ratio	Lower	Upper	
240	100		
120	9.1	13.8	20.8#
236	26.6	20.6	30.8





#77

Pvrene

Concen: 3.73 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF086149.D

Acq: 8 Apr 2016 00:23

Instrument :

BNA_F

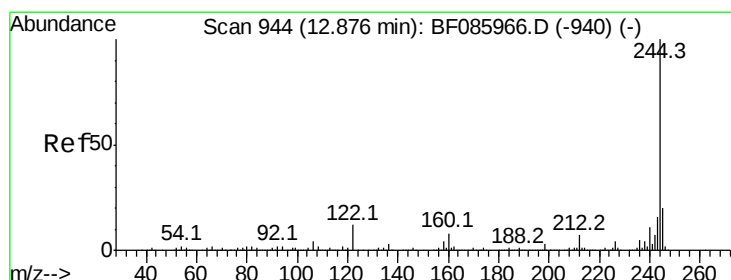
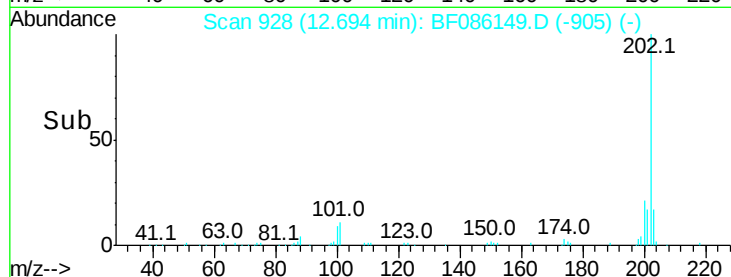
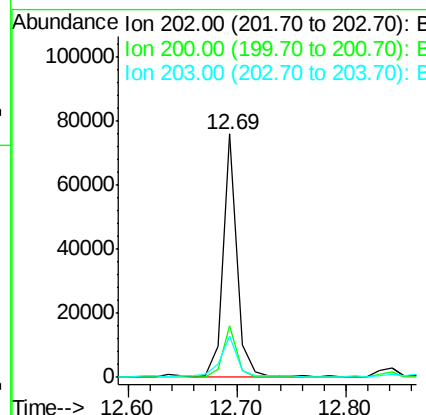
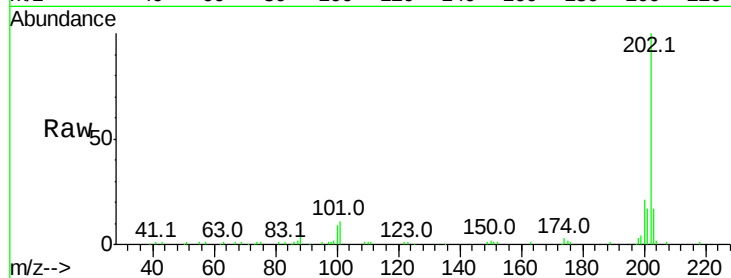
ClientSampleId :

AMBOY-SB-16(0.5-20.0)

Tot Ion:	202	Resp:	68808
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	17.2	14.0	21.0

Manual Integrations
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#78

Terphenyl-d14

Concen: 84.44 ng

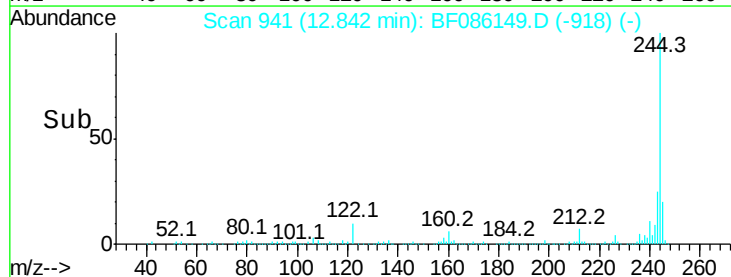
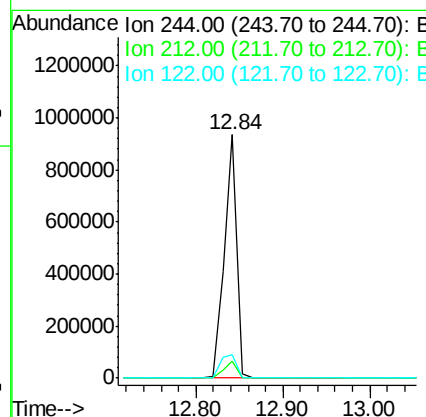
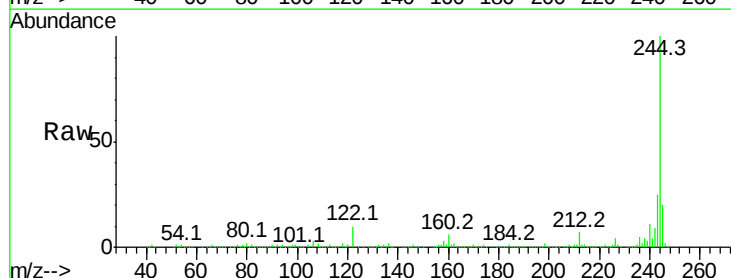
RT: 12.84 min Scan# 941

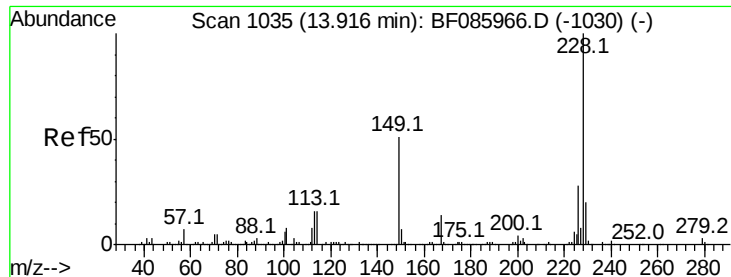
Delta R.T. -0.03 min

Lab File: BF086149.D

Acq: 8 Apr 2016 00:23

Tgt Ion:	244	Resp:	941217
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.1	9.1
122	9.6	10.2	15.4#





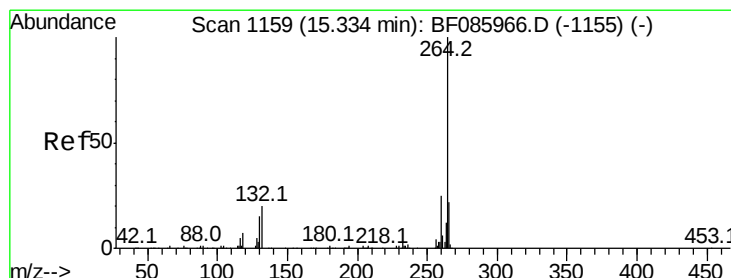
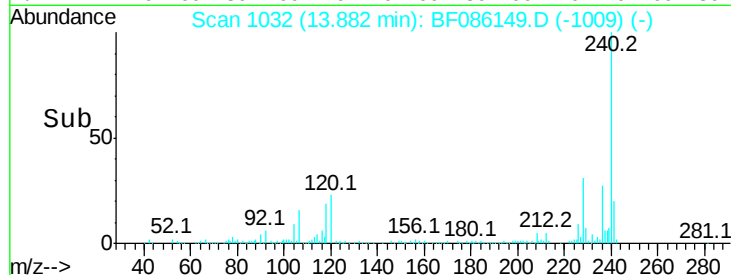
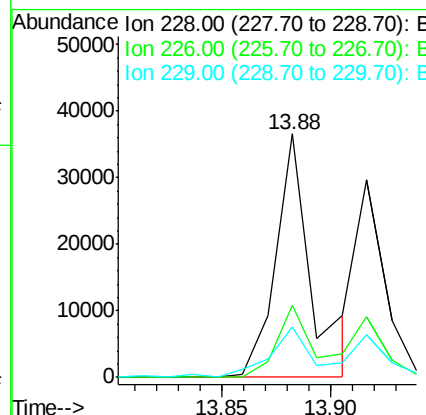
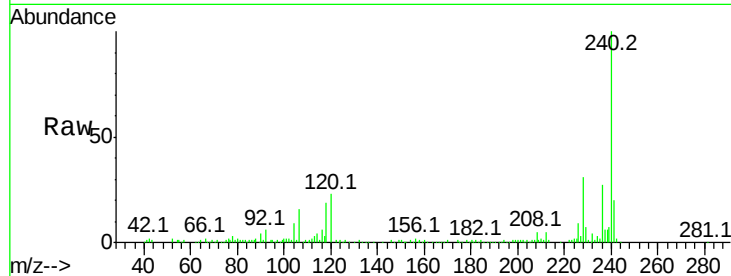
#80
Benzo(a)anthracene
Concen: 2.73 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086149.D
Acq: 8 Apr 2016 00:23

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-16(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.1	33.1
229	20.8	16.2	24.4

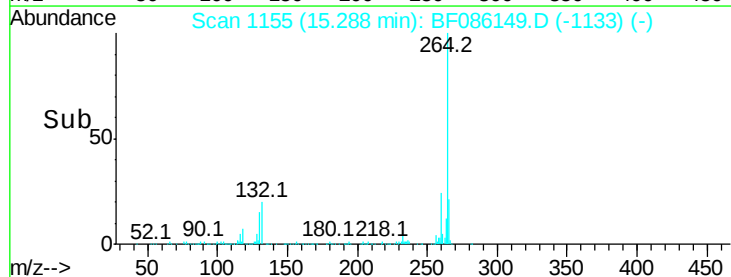
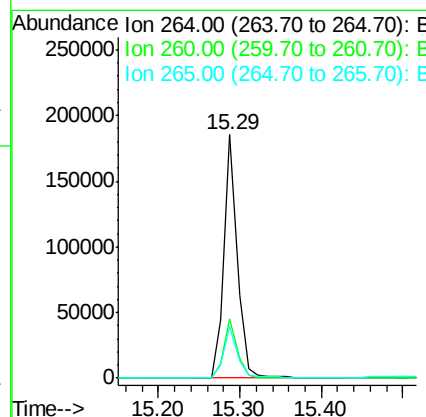
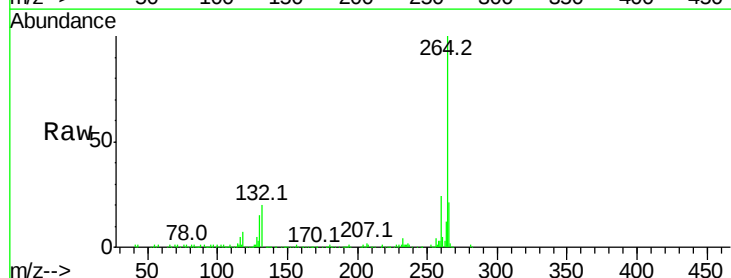
Manual Integrations
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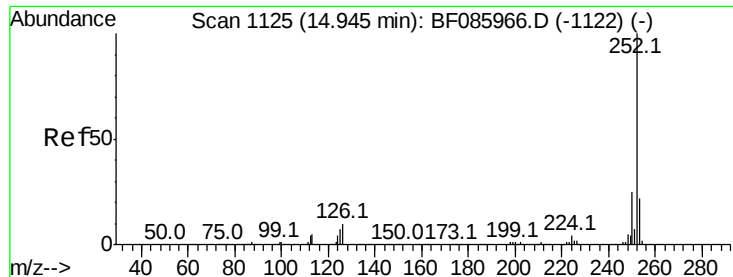
Sohil
4/8/2016 6:09:26 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086149.D
Acq: 8 Apr 2016 00:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.4	17.2	25.8





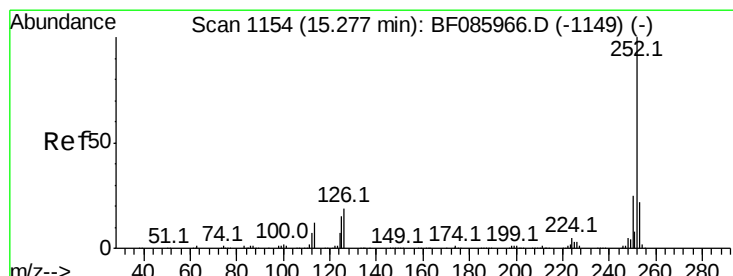
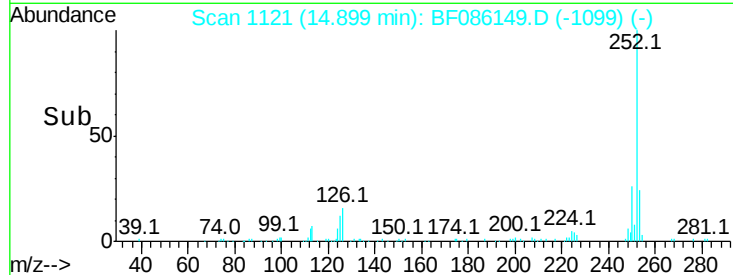
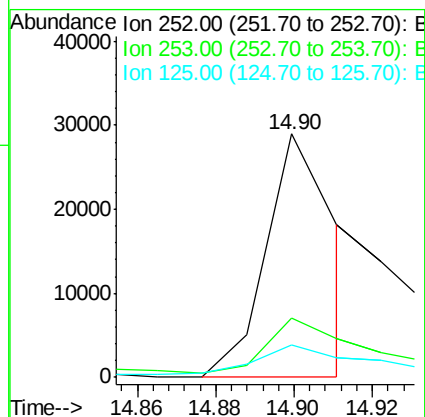
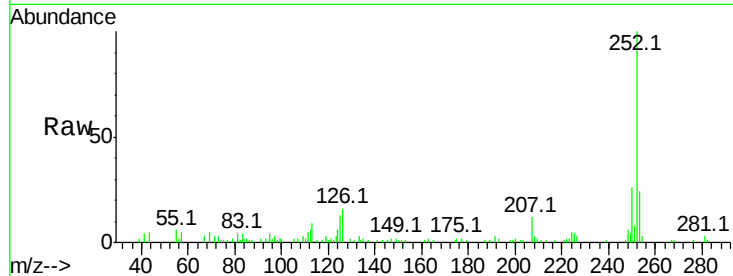
#87
Benzo(b)fluoranthene
Concen: 2.70 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.05 min
Lab File: BF086149.D
Acq: 8 Apr 2016 00:23

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-16(0.5-20.0)

Tot Ion:	252	Resp:	35799
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.6	26.4
125	13.4	10.3	15.5

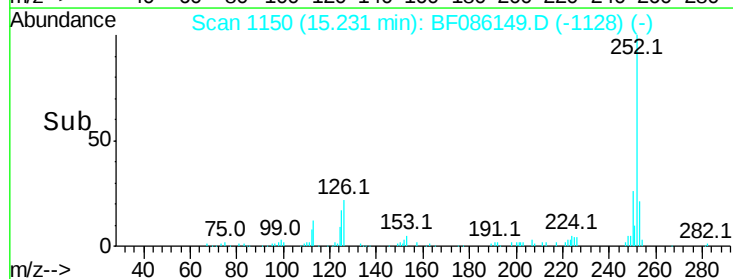
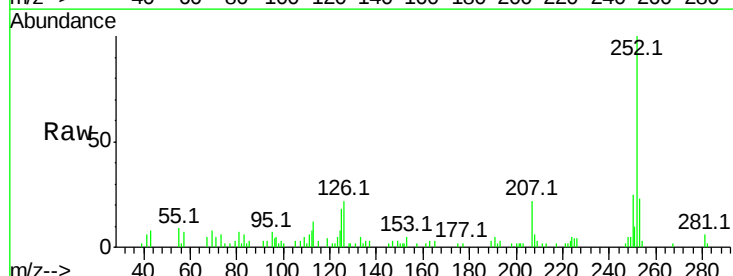
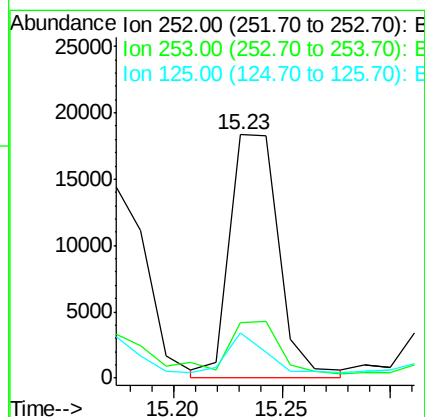
Manual Integrations
APPROVED

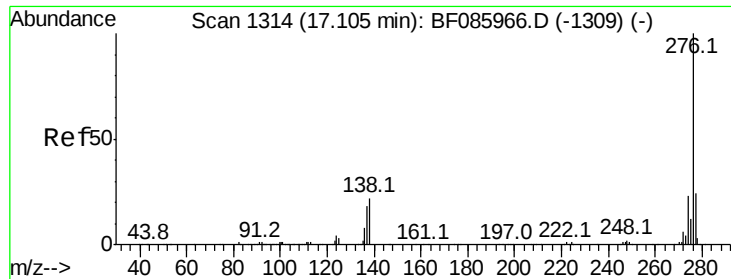
Sohil
4/8/2016 6:09:26 PM



#89
Benzo(a)pyrene
Concen: 2.46 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BF086149.D
Acq: 8 Apr 2016 00:23

Tgt Ion:	252	Resp:	28948
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	18.4	10.3	15.5#





#91
 Benzo(a,h,i)perylene
 Concen: 2.15 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.07 min
 Lab File: BF086149.D
 Acq: 8 Apr 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-16(0.5-20.0)

Tot Ion:	276	Resp:	19694
Ion Ratio	Lower	Upper	
276	100		
277	26.3	18.8	28.2
138	29.1	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 4/8/2016 6:09:26 PM

