

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086462.D
 Acq On : 28 Apr 2016 9:30
 Operator : UM/SJ
 Sample : H2736-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB05(0.5-10.0)

Manual Integrations
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Quant Time: Apr 28 11:43:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127170	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473842	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	170940	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	274191	20.00	ng	0.00
75) Chrysene-d12	13.95	240	287502	20.00	ng	-0.01
86) Perylene-d12	15.37	264	207727	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1028462	139.50	ng	0.01
7) Phenol-d6	6.44	99	1366724	132.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	833842	94.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	221051	122.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1285287	153.81	ng	0.00
78) Terphenyl-d14	12.91	244	860083	65.91	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	253705	19.71	ng	99
74) Fluoranthene	12.53	202	65567	4.51	ng	95
77) Pyrene	12.76	202	61648	2.98	ng	98
80) Benzo(a)anthracene	13.94	228	33929	2.21	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	37133	3.33	ng	# 97
87) Benzo(b)fluoranthene	14.97	252	27716m	2.27	ng	

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

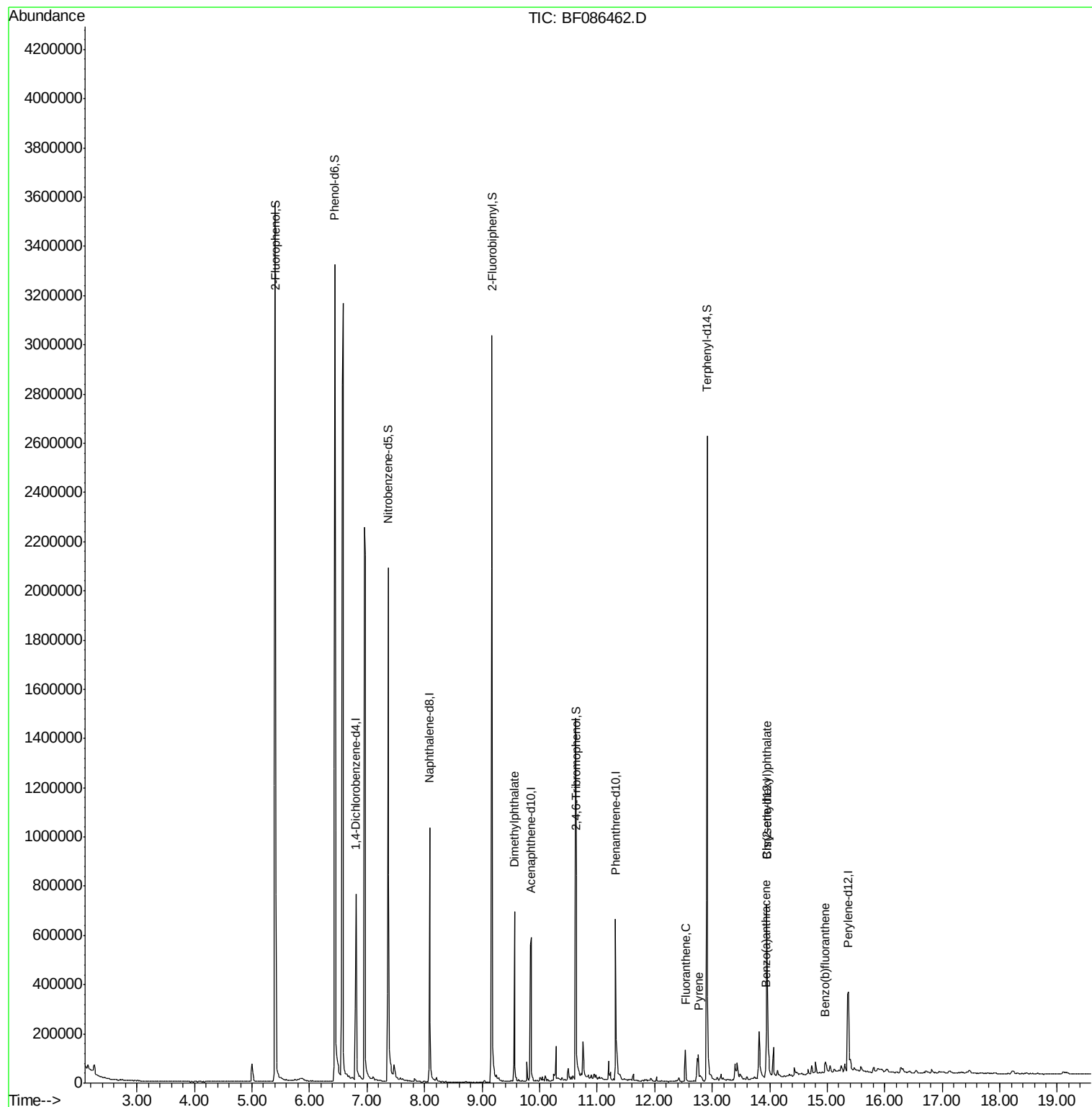
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086462.D
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Operator : UM/SJ
Sample : H2736-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

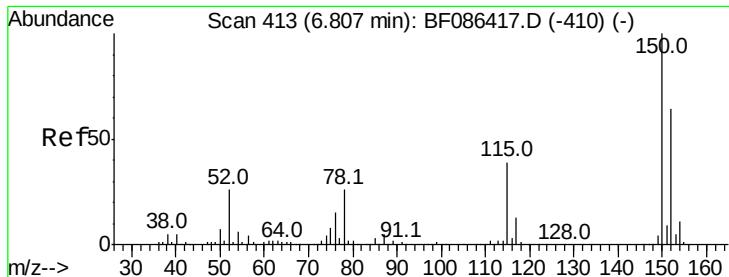
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Manual Integrations
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Quant Time: Apr 28 11:43:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
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#1

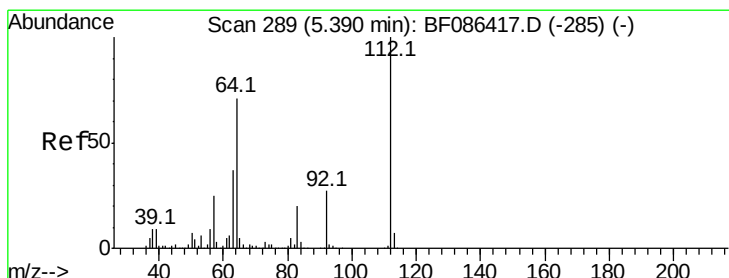
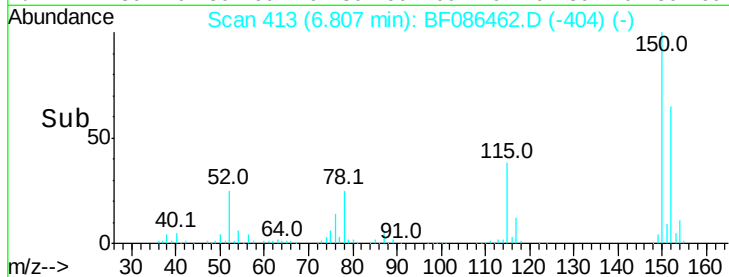
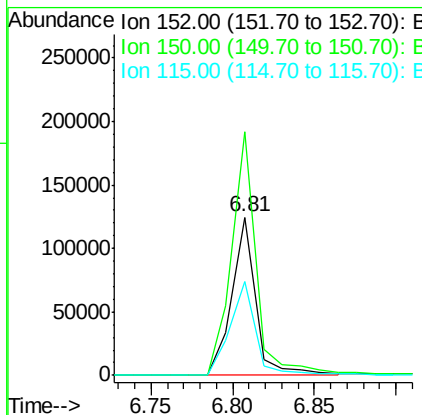
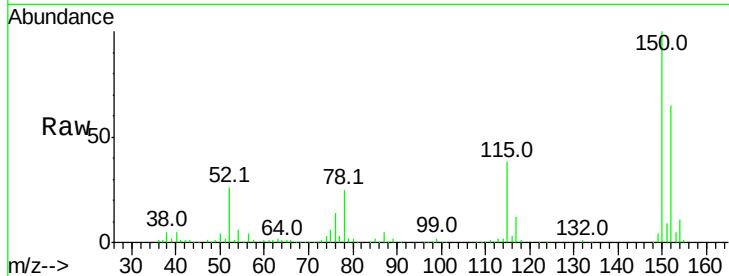
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.8	188.6
115	59.1	51.5	77.3

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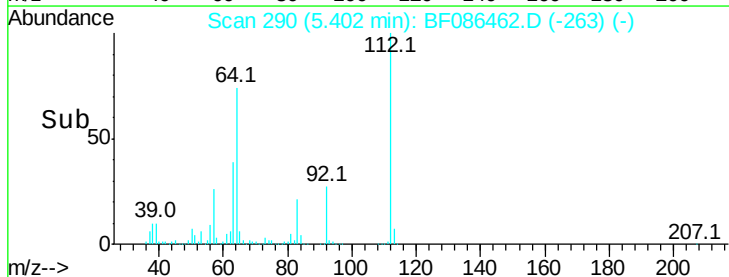
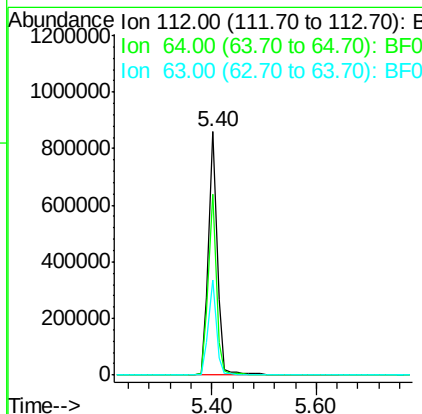
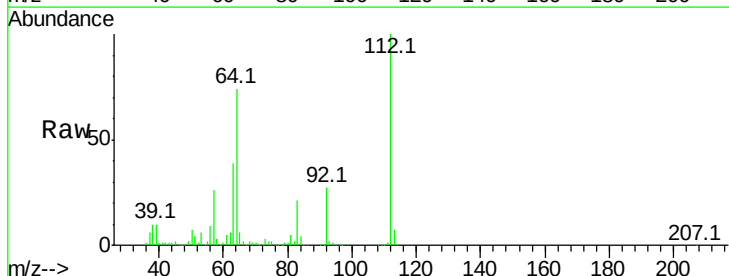
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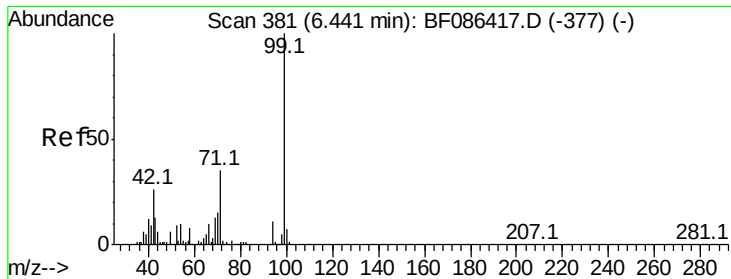


#5

2-Fluorophenol
Concen: 139.50 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	52.1	78.1
63	39.0	25.7	38.5#





#7

Phenol-d6

Concen: 132.82 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086462.D

Acq: 28 Apr 2016 9:30

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion: 99 Resp: 1366724

Ion Ratio Lower Upper

99 100

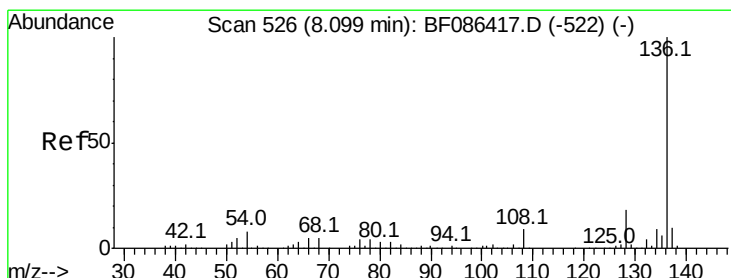
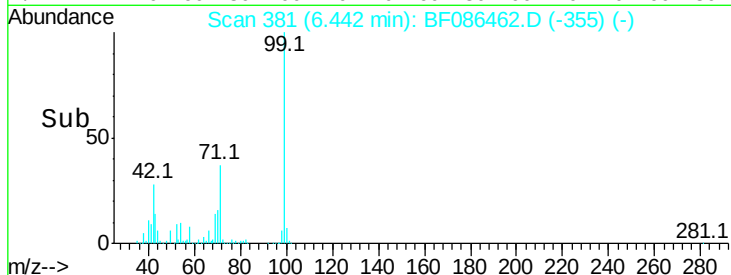
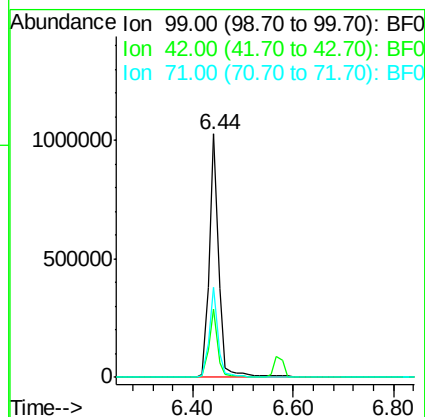
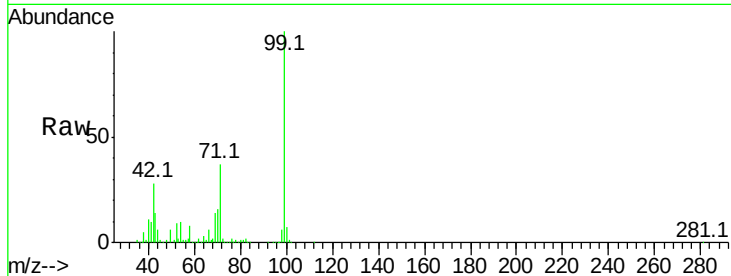
42 27.9 13.6 20.4#

71 36.8 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086462.D

Acq: 28 Apr 2016 9:30

Tgt Ion: 136 Resp: 473842

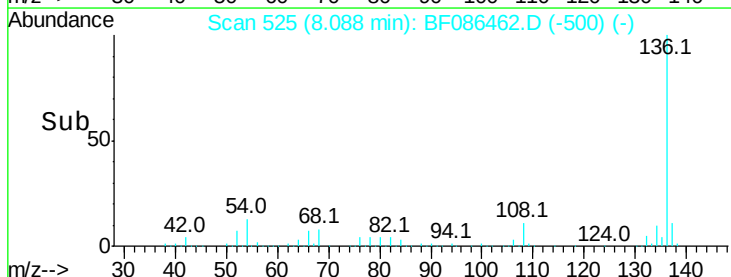
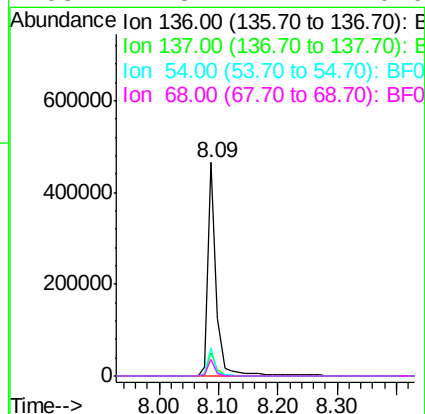
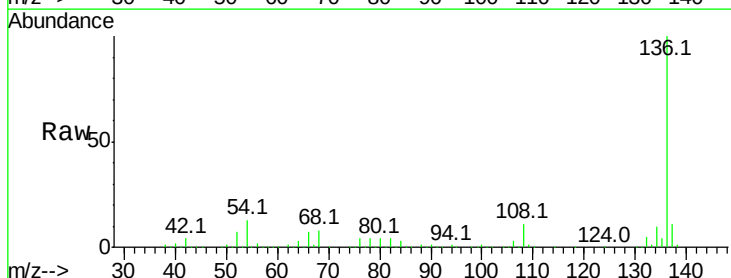
Ion Ratio Lower Upper

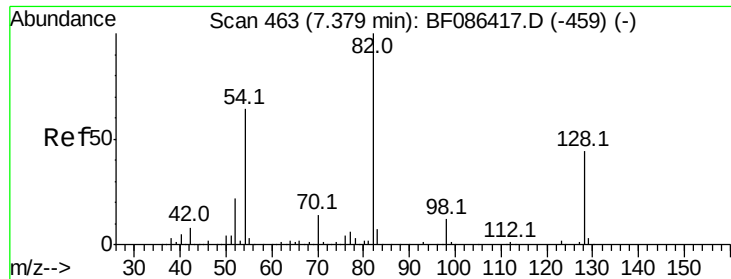
136 100

137 11.1 8.8 13.2

54 13.2 5.0 7.4#

68 7.8 4.4 6.6#





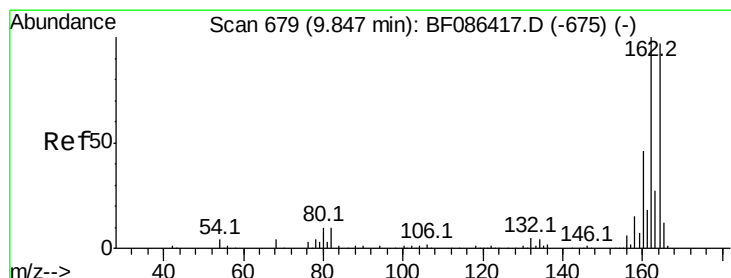
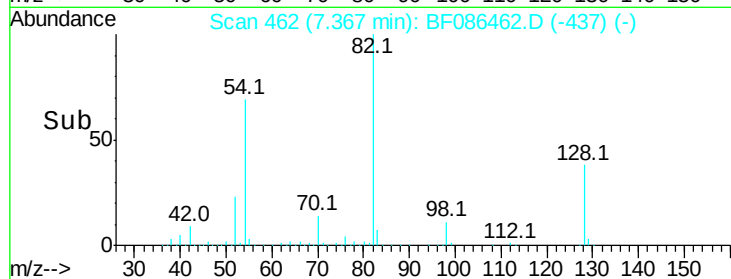
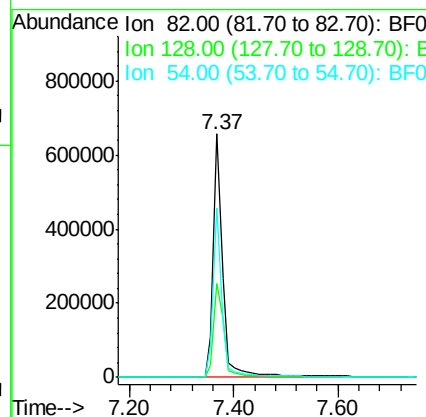
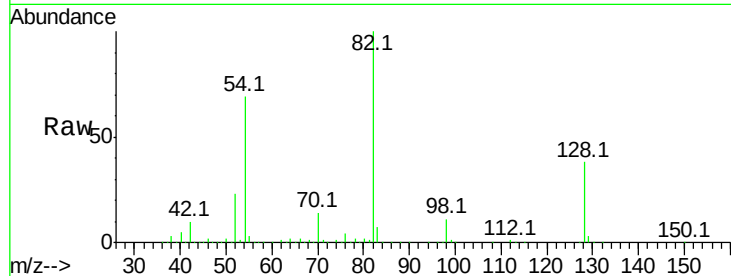
#23
Nitrobenzene-d5
Concen: 94.85 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.4	40.6	61.0#	
54	69.5	38.1	57.1#	

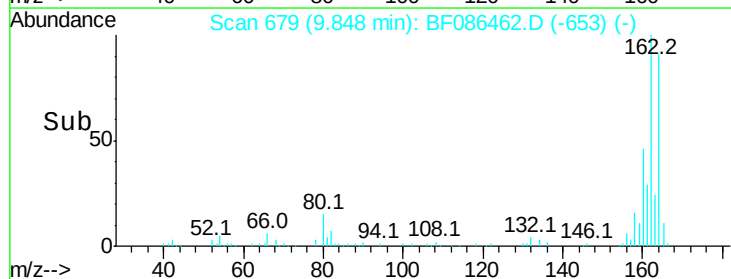
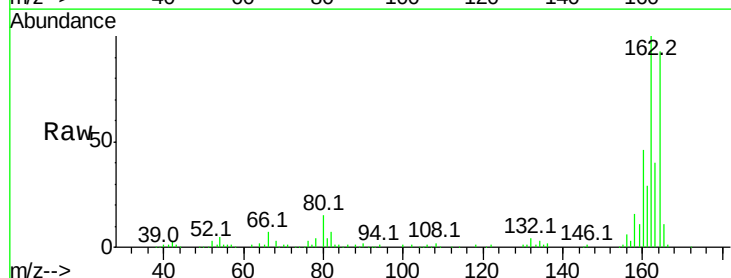
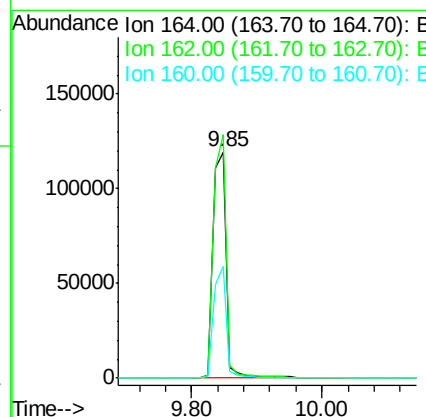
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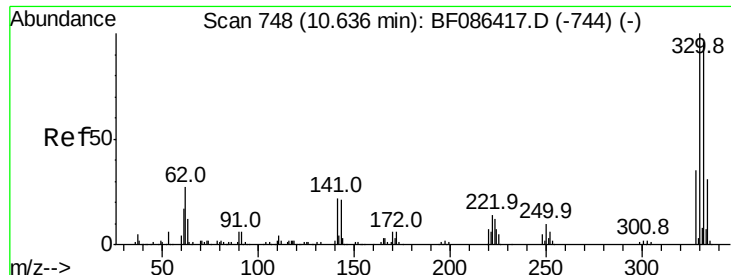
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.8	82.8	124.2	
160	49.4	36.9	55.3	





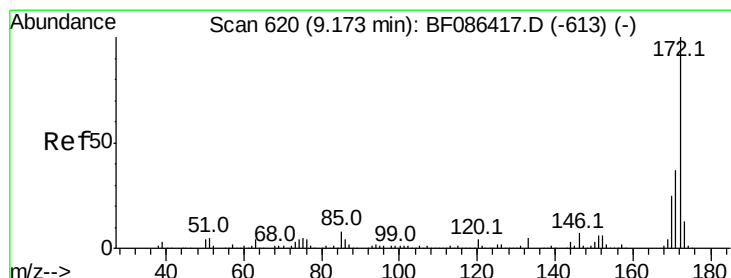
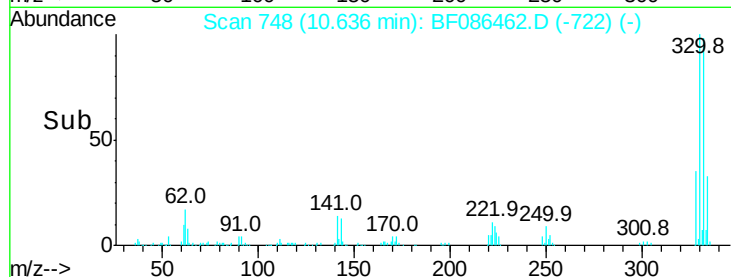
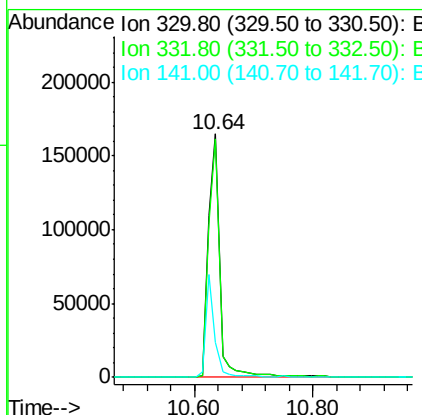
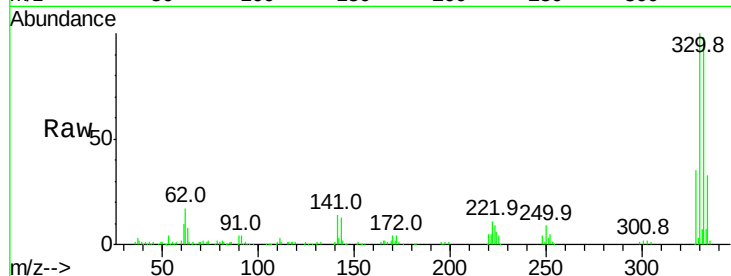
#41
 2,4,6-Tribromophenol
 Concen: 122.62 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086462.D
 Acq: 28 Apr 2016 9:30

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221051		
332	96.1	79.0	118.4	
141	34.0	31.2	46.8	

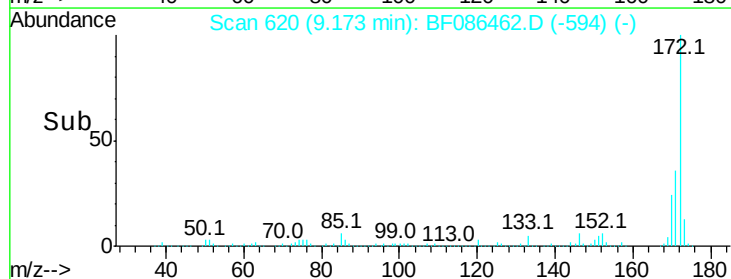
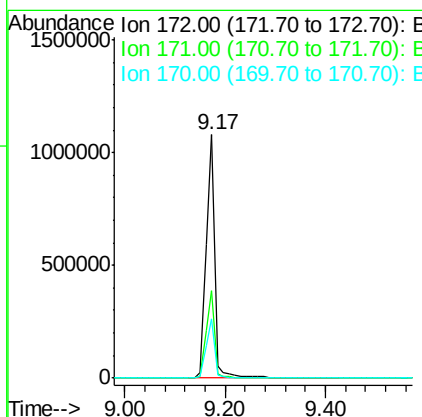
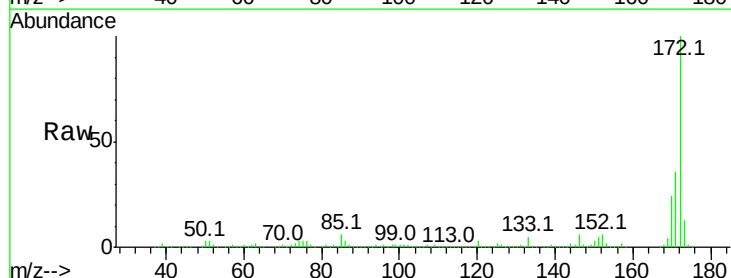
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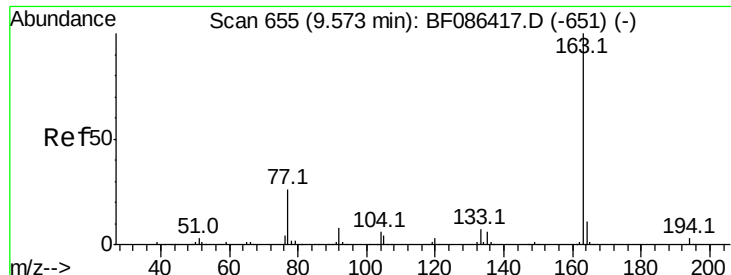
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#44
 2-Fluorobiphenyl
 Concen: 153.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086462.D
 Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1285287		
171	36.0	29.0	43.6	
170	24.3	19.8	29.8	





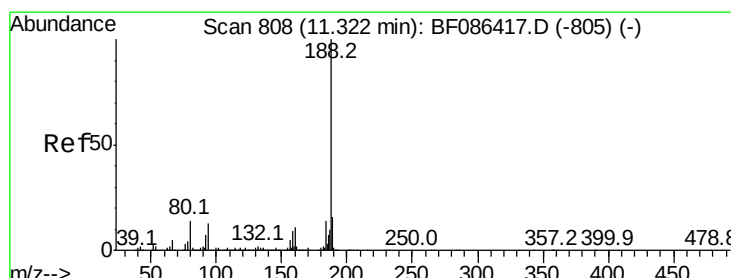
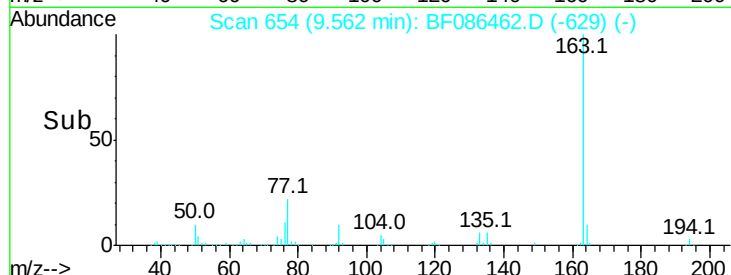
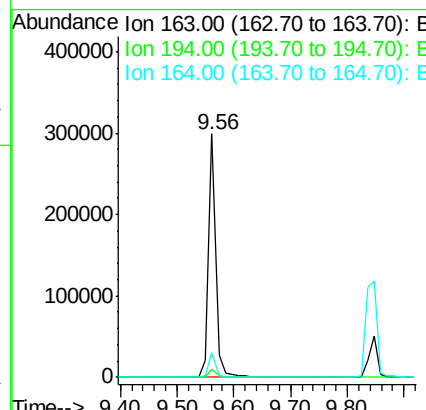
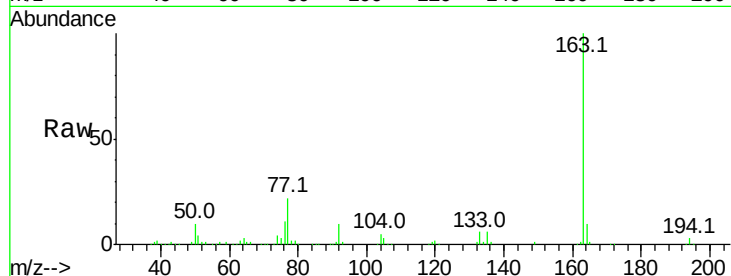
#49
Dimethylphthalate
Concen: 19.71 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.1	8.2	12.4	

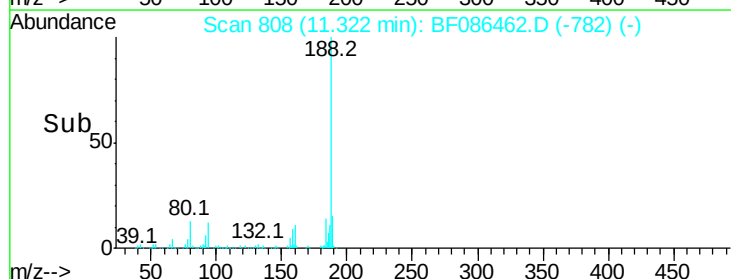
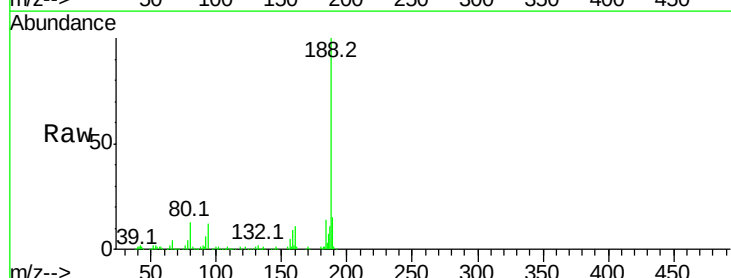
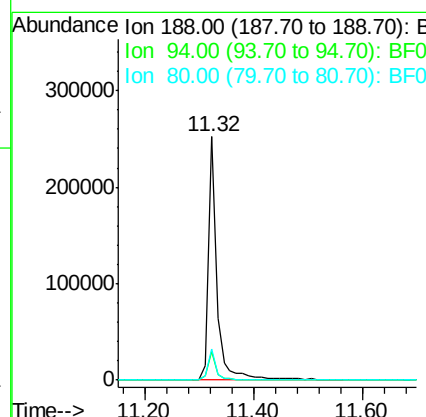
Manual Integrations
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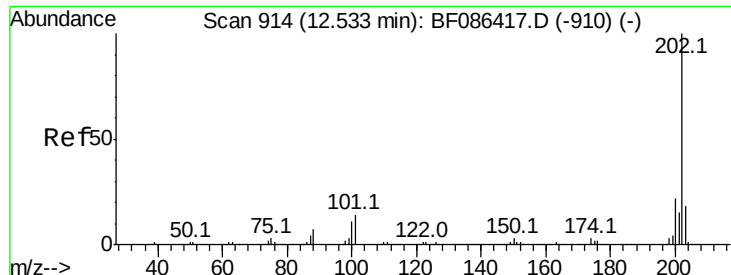
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	6.8	10.2#	
80	12.6	7.1	10.7#	





#74

Fluoranthene

Concen: 4.51 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086462.D

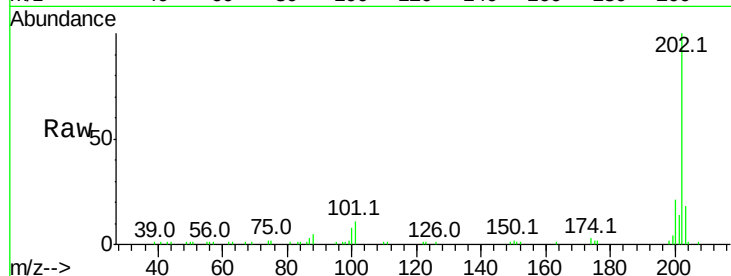
Acq: 28 Apr 2016 9:30

Instrument :

BNA_F

ClientSampleId :

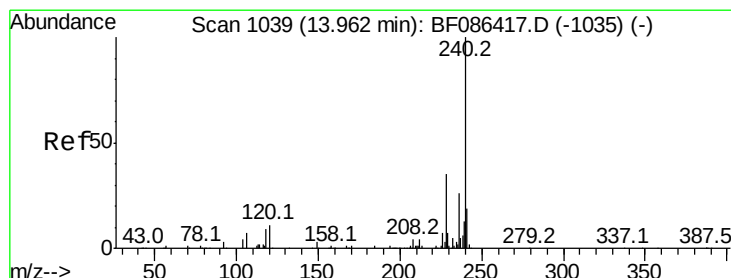
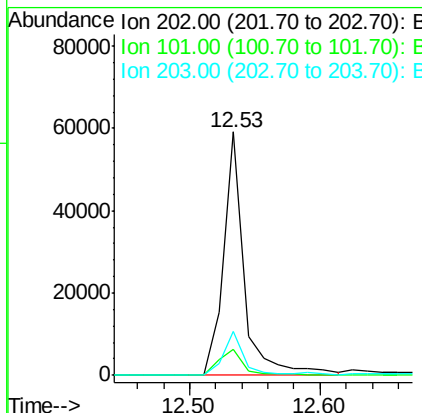
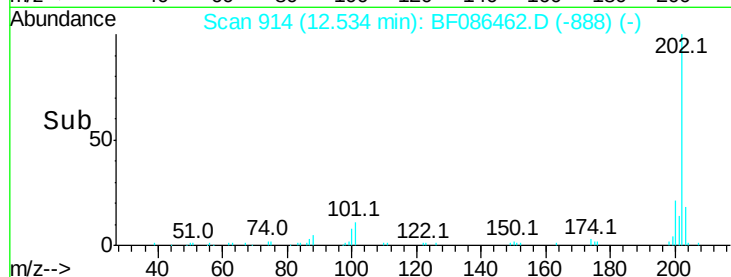
RICHMOND-AMBOY-SB05(0.5-10.0)



Tot Ion	Ratio	Resp	Lower	Upper
202	100	65567		
101	10.8	0.0	35.4	
203	17.8	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

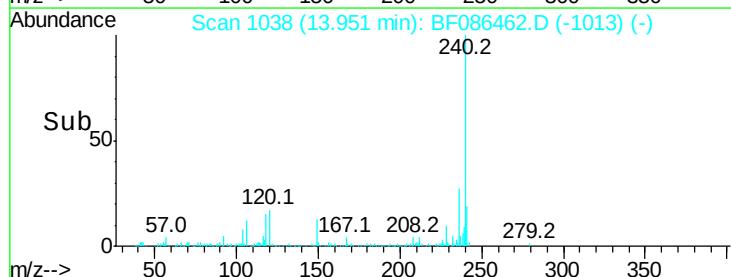
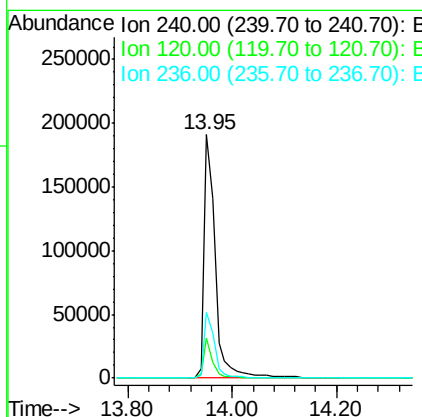
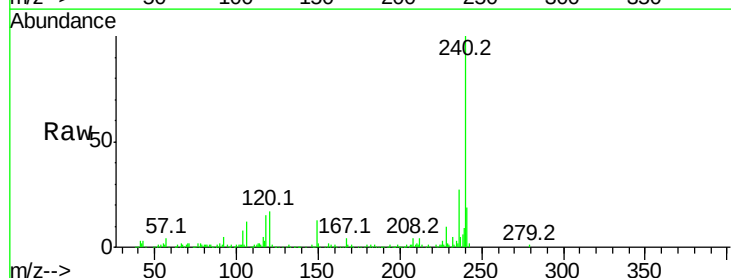
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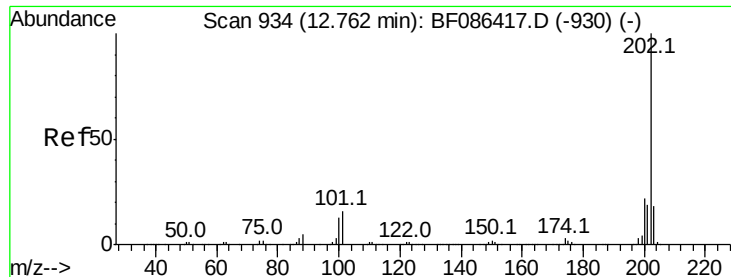
Delta R.T. -0.01 min

Lab File: BF086462.D

Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	287502		
120	16.7	11.2	16.8	
236	27.1	21.2	31.8	





#77

Pvrene

Concen: 2.98 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086462.D

Acq: 28 Apr 2016 9:30

Instrument :

BNA_F

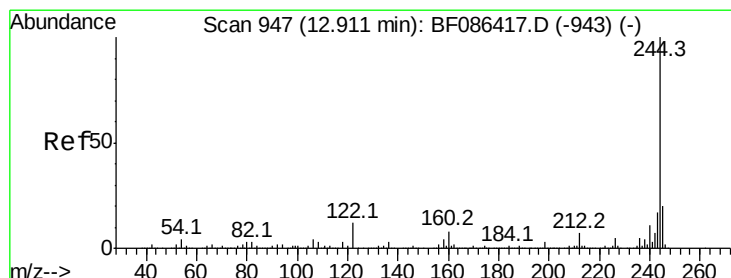
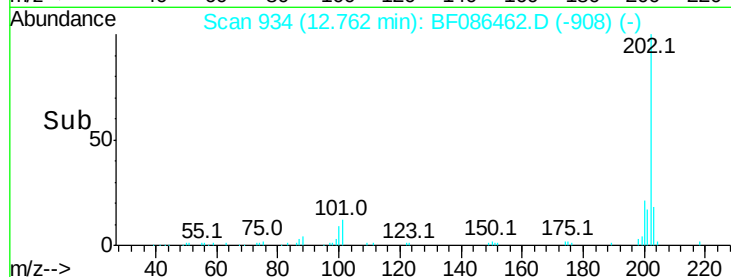
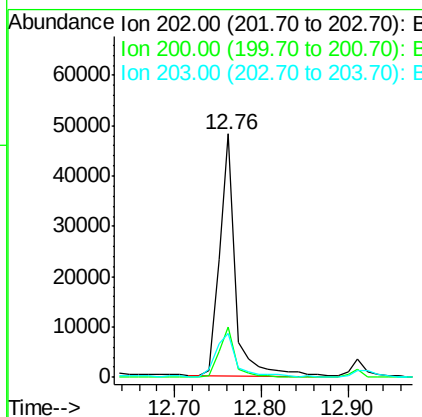
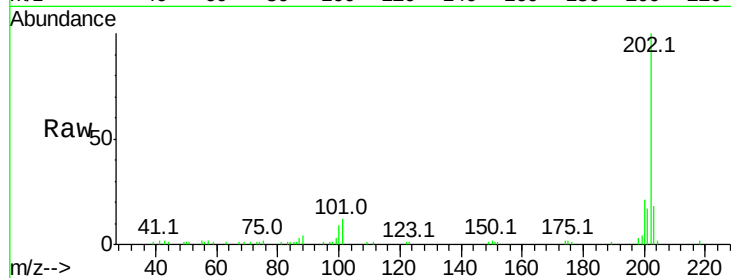
ClientSampleId :

RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion:	202	Resp:	61648
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.7	26.5
203	18.0	14.2	21.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 65.91 ng

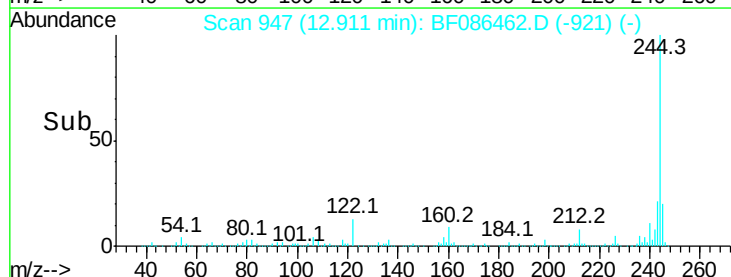
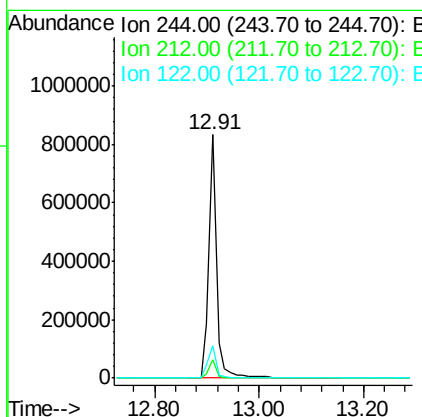
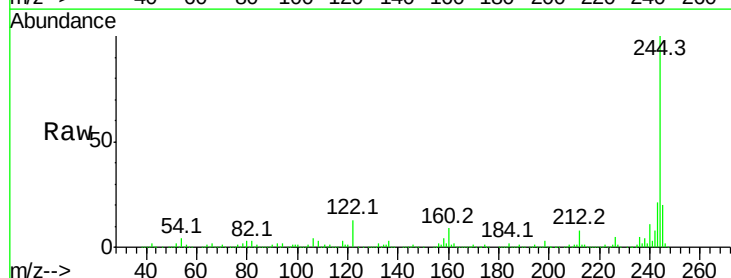
RT: 12.91 min Scan# 947

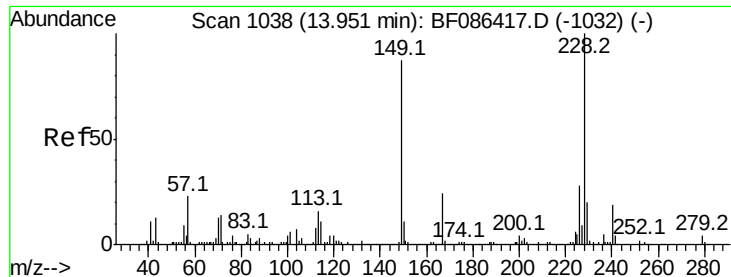
Delta R.T. 0.00 min

Lab File: BF086462.D

Acq: 28 Apr 2016 9:30

Tgt Ion:	244	Resp:	860083
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	13.4	12.0	18.0





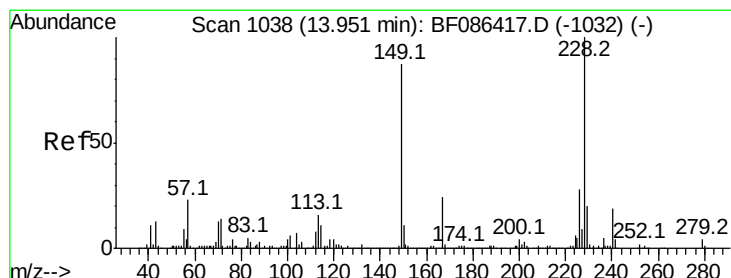
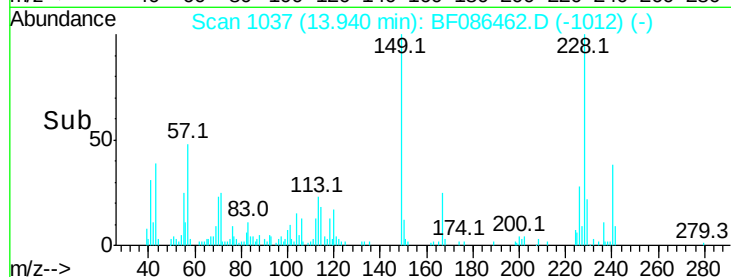
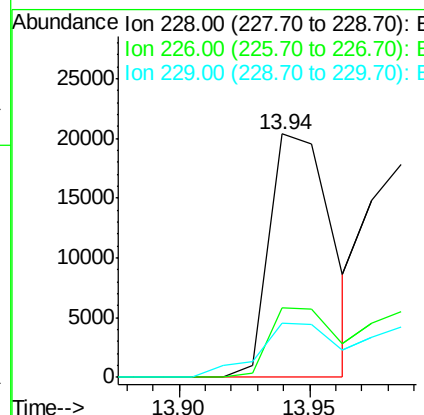
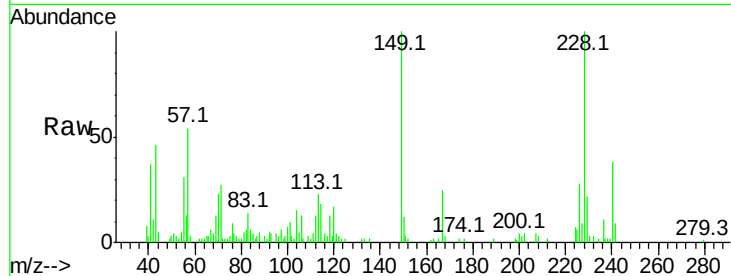
#80
Benzo(a)anthracene
Concen: 2.21 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion	Ratio	Resp	Lower	Upper
228	100	33929		
226	28.3		22.5	33.7
229	22.1		16.6	25.0

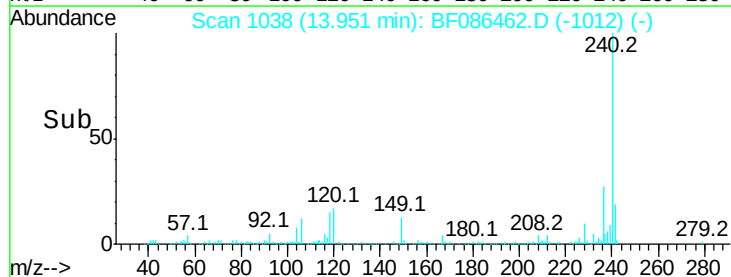
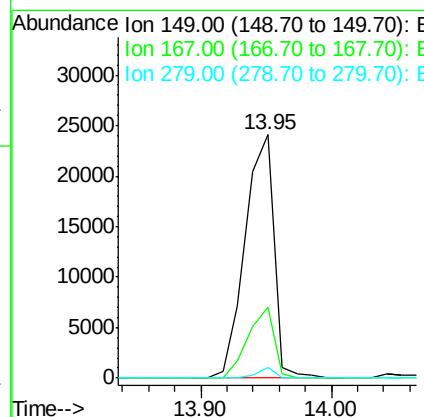
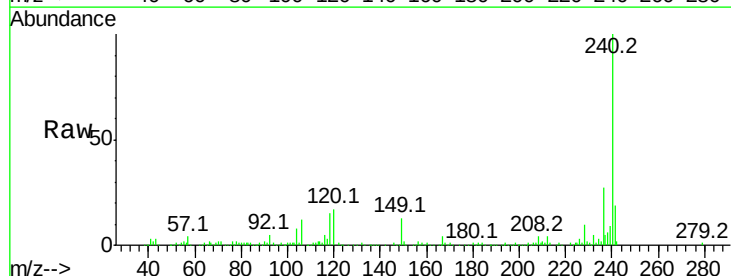
Manual Integrations
APPROVED

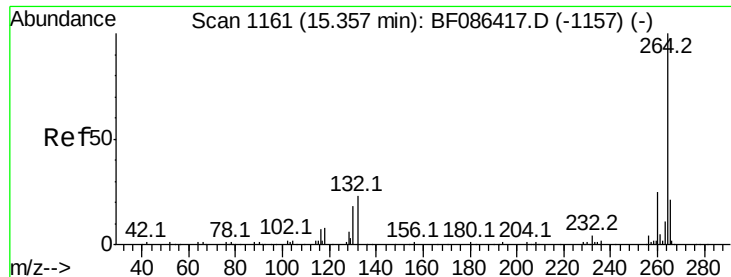
sohil
4/28/2016 2:14:11 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.33 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	37133		
167	29.0		21.8	32.6
279	4.6		2.6	4.0#





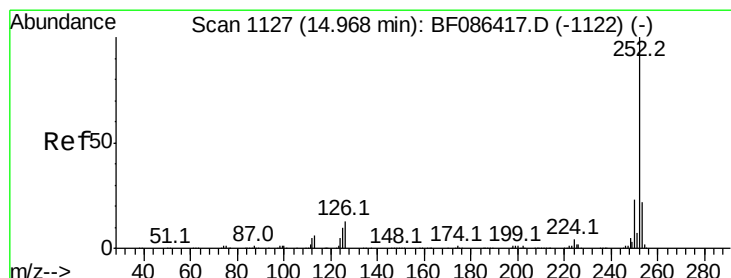
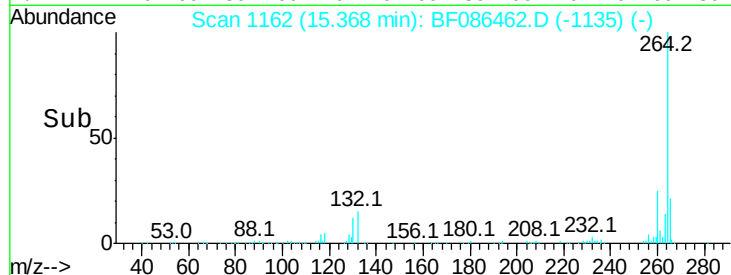
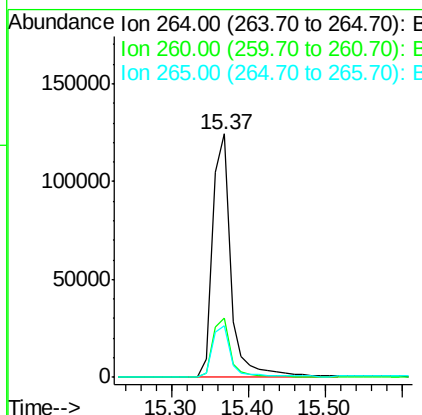
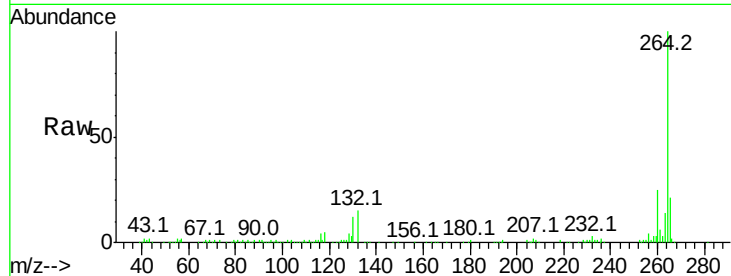
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB05(0.5-10.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.3	17.3	25.9

Manual Integrations
APPROVED

sohil
4/28/2016 2:14:11 PM



#87
Benzo(b)fluoranthene
Concen: 2.27 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086462.D
Acq: 28 Apr 2016 9:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	15.3	11.4	17.0

