

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084321.D
 Acq On : 8 Jan 2016 2:01
 Operator : SJ/UM
 Sample : H1028-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT004

Manual Integrations
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 1/8/2016 10:43:07 AM

Quant Time: Jan 08 05:55:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	245475	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1078653	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	492549	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	887741	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	704040	20.00	ng	-0.05
86) Perylene-d12	15.46	264	540455	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1969954	129.80	ng	-0.01
7) Phenol-d6	6.51	99	2942005	154.35	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1792774	92.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	668265	134.39	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2509784	90.01	ng	-0.03
78) Terphenyl-d14	12.98	244	2387088	75.68	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	250577	7.12	ng	# 90
74) Fluoranthene	12.60	202	378245	7.80	ng	93
77) Pyrene	12.83	202	354031	6.41	ng	97
80) Benzo(a)anthracene	14.01	228	190345	4.60	ng	99
82) Chrysene	14.05	228	135284m	3.41	ng	
87) Benzo(b)fluoranthene	15.04	252	155260m	4.39	ng	
89) Benzo(a)pyrene	15.39	252	104455	3.48	ng	98

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

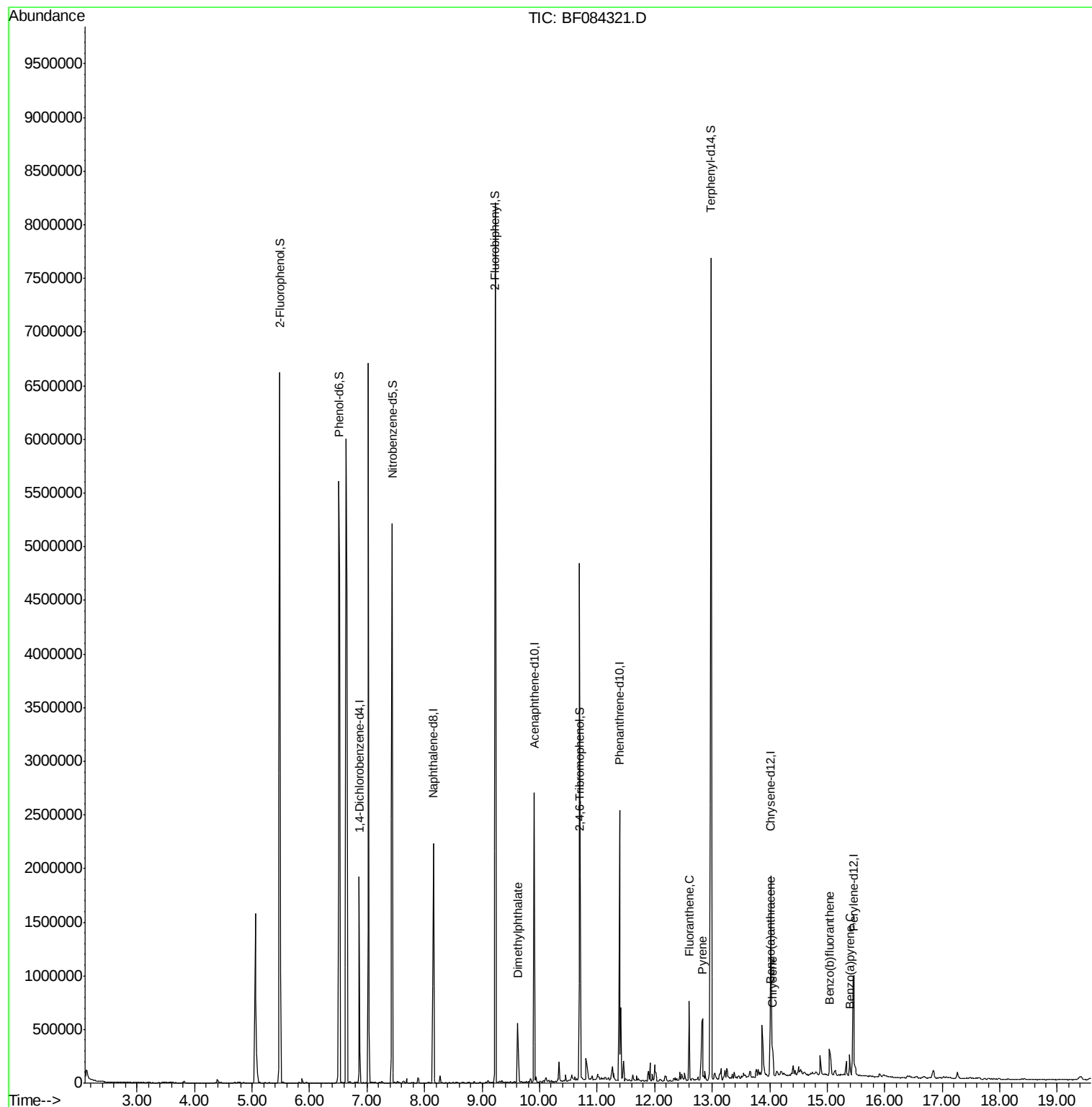
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084321.D

Acq: 8 Jan 2016 2:01

Instrument :

BNA_F

ClientSampled :

BT004

Tot Ion:152 Resp: 245475

Ion Ratio Lower Upper

152 100

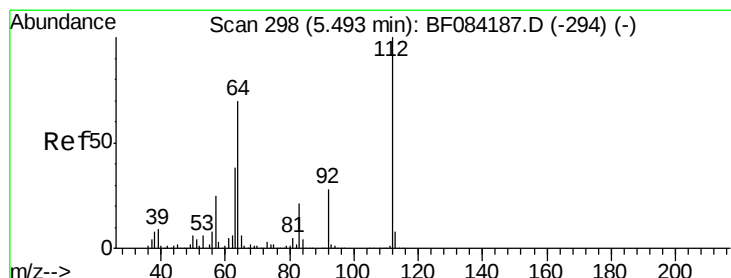
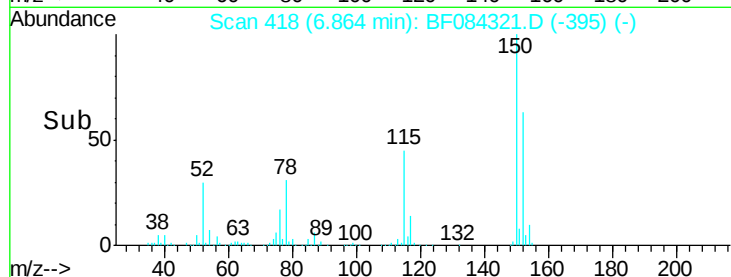
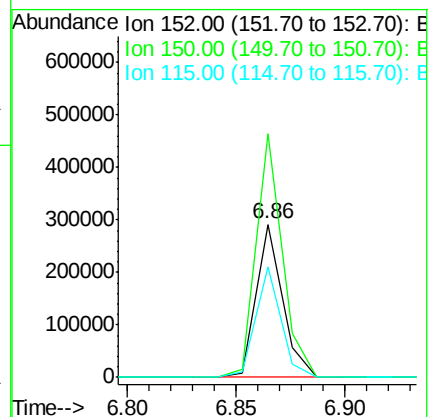
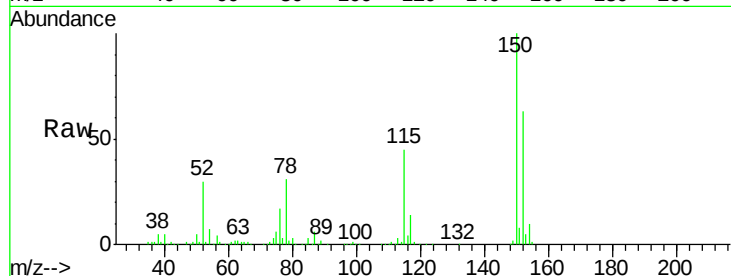
150 158.8 123.0 184.4

115 71.7 51.4 77.2

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#5

2-Fluorophenol

Concen: 129.80 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084321.D

Acq: 8 Jan 2016 2:01

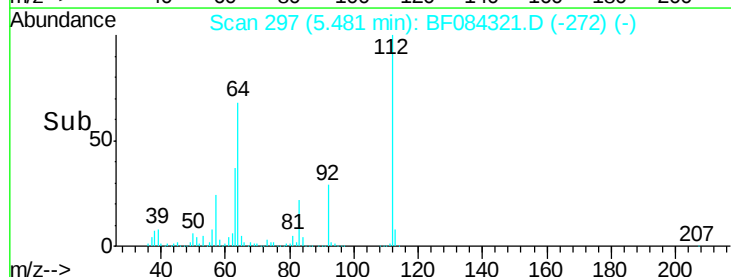
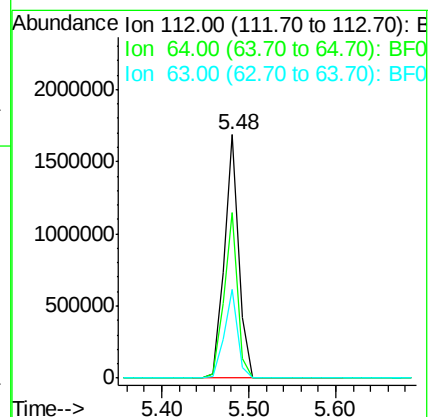
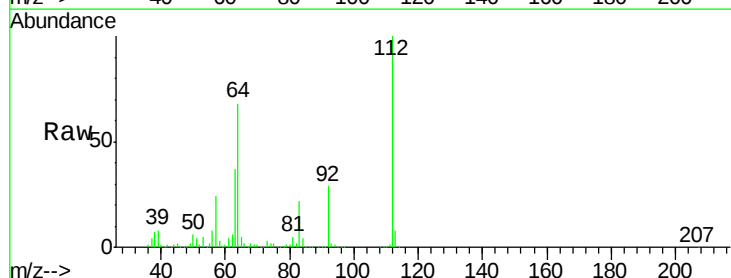
Tgt Ion:112 Resp: 1969954

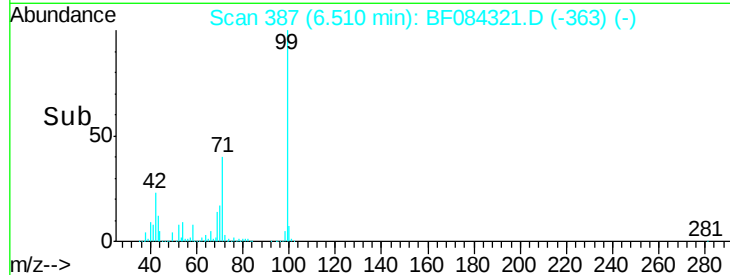
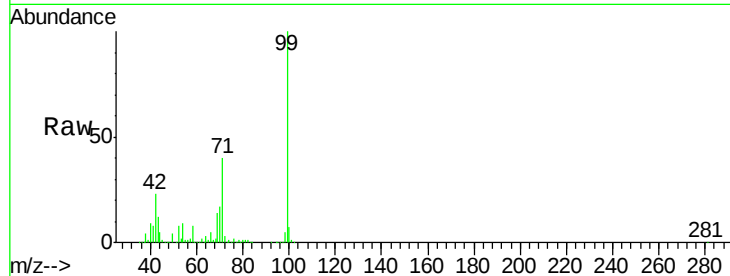
Ion Ratio Lower Upper

112 100

64 68.0 36.6 55.0#

63 36.6 19.4 29.0#





#7

Phenol-d6

Concen: 154.35 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084321.D

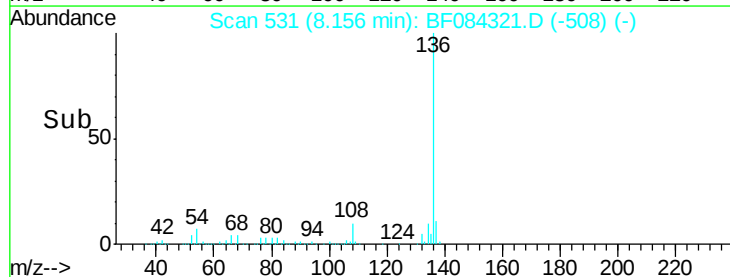
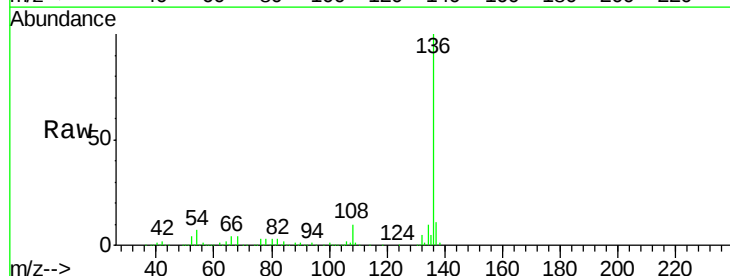
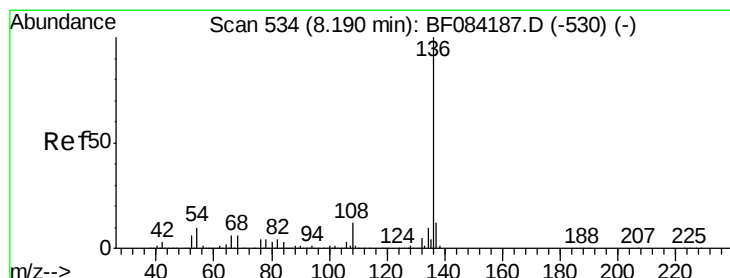
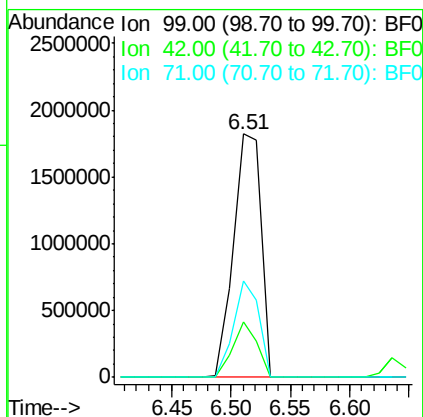
Acq: 8 Jan 2016 2:01

Tot Ion:	99	Resp:	2942005
Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	39.6	30.9	46.3

Instrument :
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#21

Naphthalene-d8

Concen: 20.00 ng

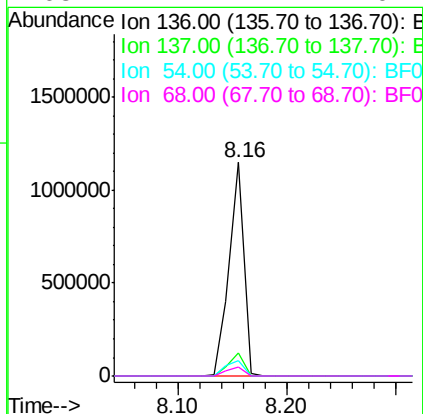
RT: 8.16 min Scan# 531

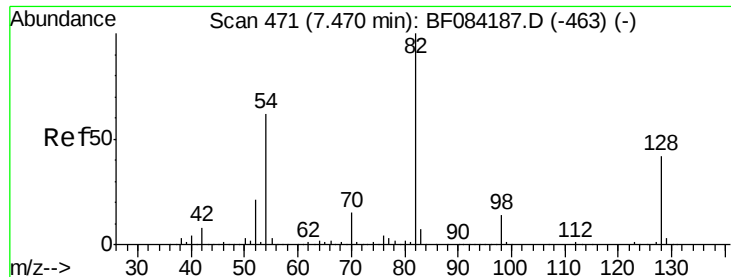
Delta R.T. -0.03 min

Lab File: BF084321.D

Acq: 8 Jan 2016 2:01

Tgt Ion:	136	Resp:	1078653
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.1	5.8	8.8
68	4.4	4.2	6.2





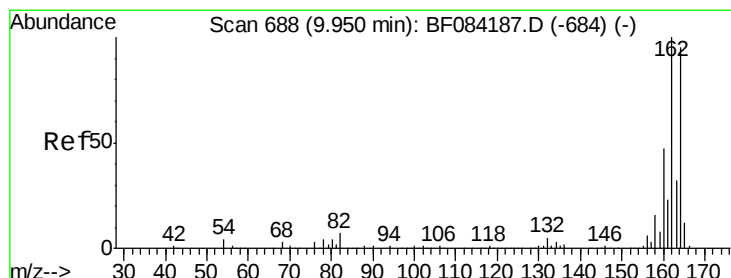
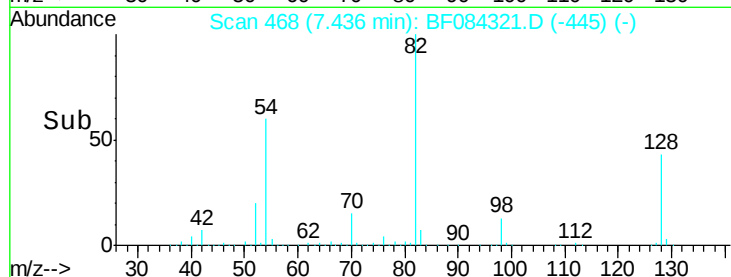
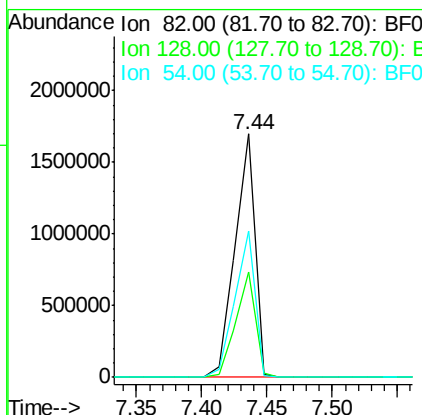
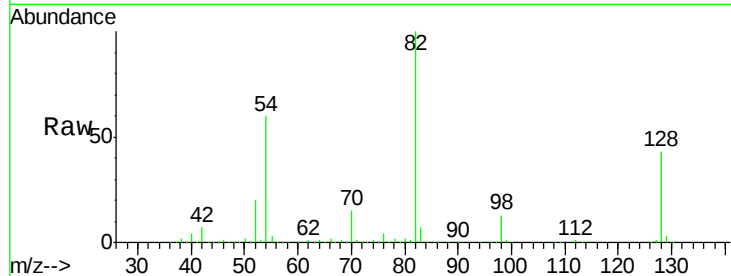
#23
 Nitrobenzene-d5
 Concen: 92.50 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084321.D
 Acq: 8 Jan 2016 2:01

Instrument :
 BNA_F
 ClientSampleId :
 BT004

Tot Ion: 82 Resp: 1792774
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 51.8
 54 60.1 38.4 57.6#

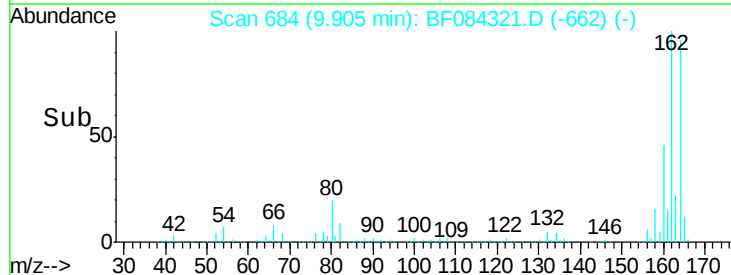
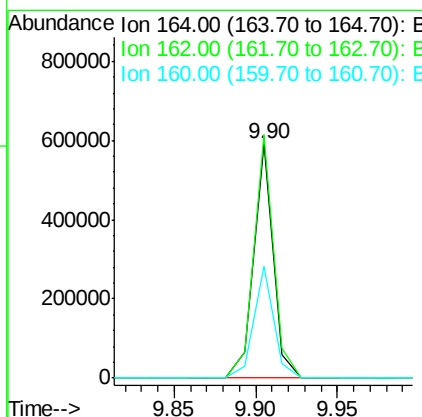
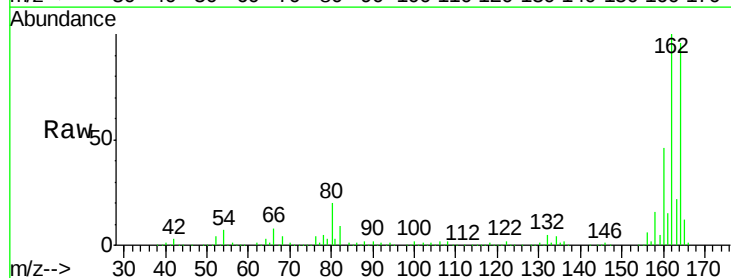
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084321.D
 Acq: 8 Jan 2016 2:01

Tgt Ion:164 Resp: 492549
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.1 127.7
 160 47.4 37.5 56.3





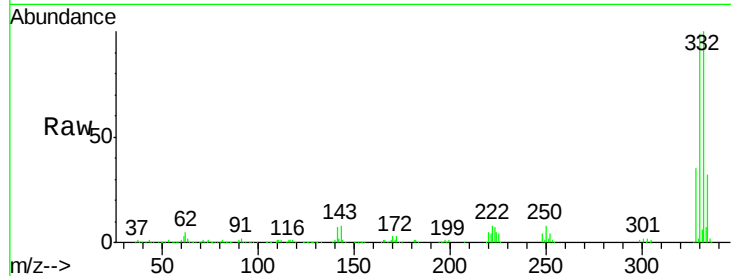
#41
 2,4,6-Tribromophenol
 Concen: 134.39 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084321.D
 Acq: 8 Jan 2016 2:01

Instrument :
 BNA_F
 ClientSampleId :
 BT004

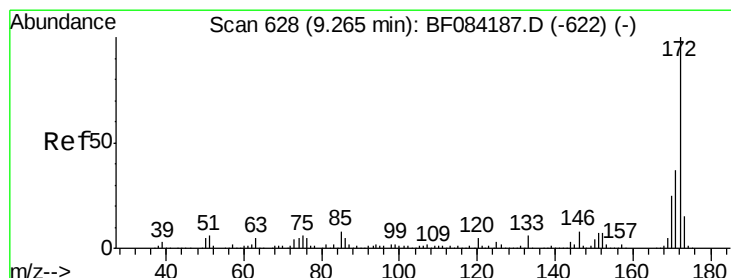
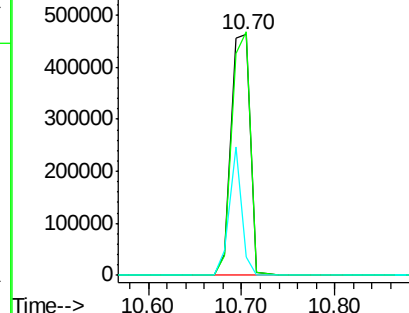
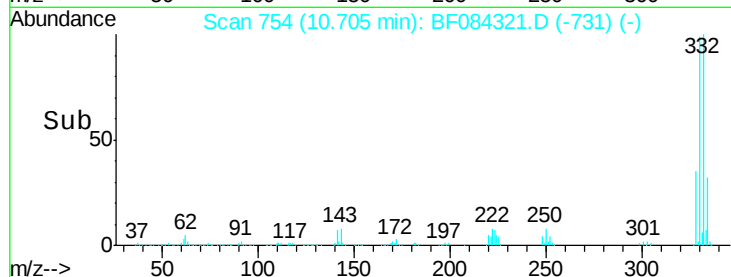
Tot Ion	Ratio	Resp	Lower	Upper
330	100	668265		
332	97.5	76.6	114.8	
141	34.7	27.8	41.6	

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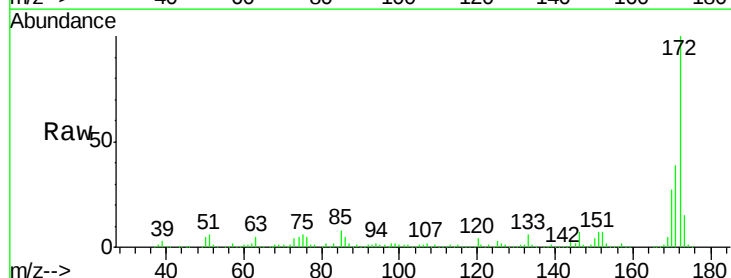


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

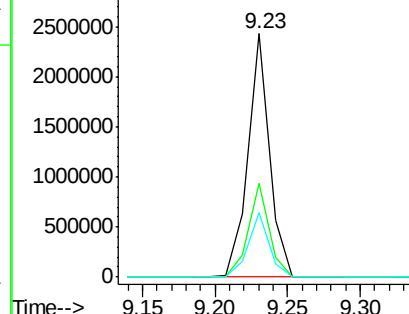
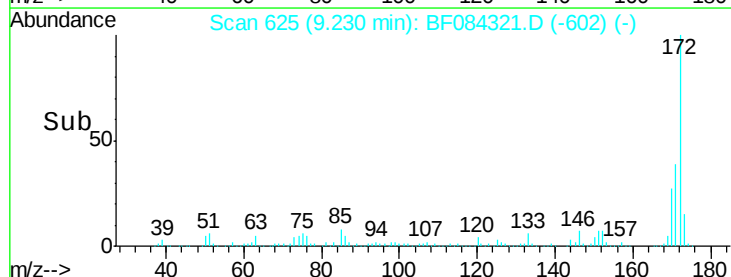


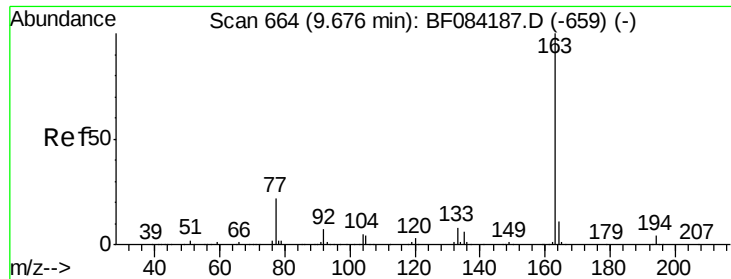
#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084321.D
 Acq: 8 Jan 2016 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2509784		
171	38.6	28.9	43.3	
170	26.6	18.6	27.8	



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





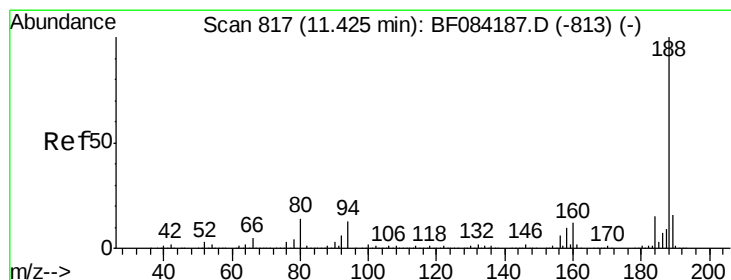
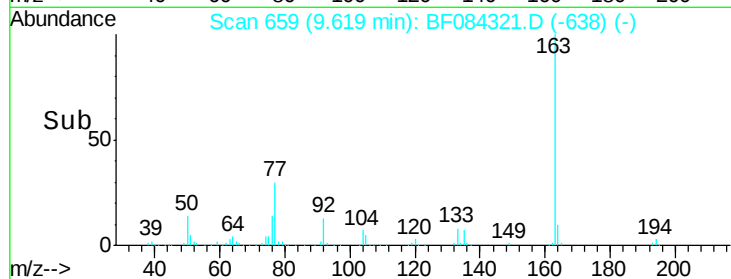
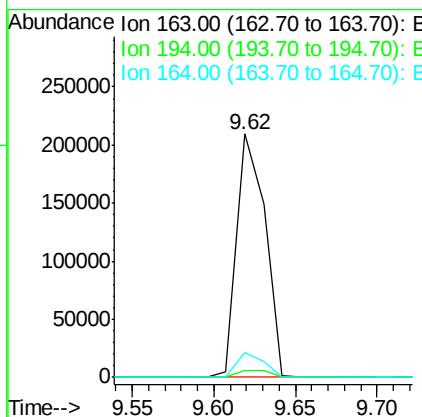
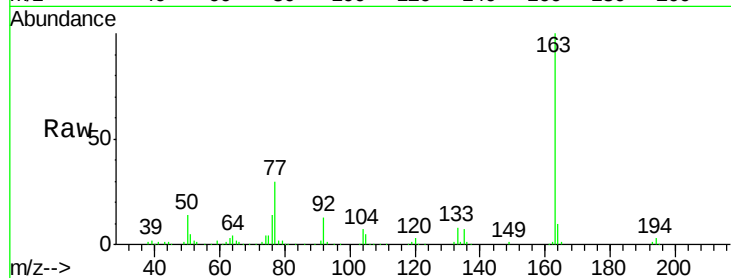
#49
Dimethylphthalate
Concen: 7.12 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084321.D
Acq: 8 Jan 2016 2:01

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	2.6	8.0	12.0#
164	10.0	8.0	12.0

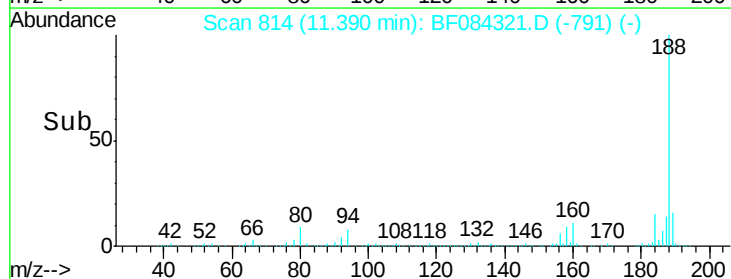
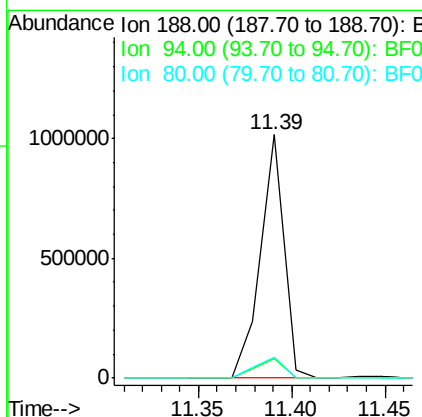
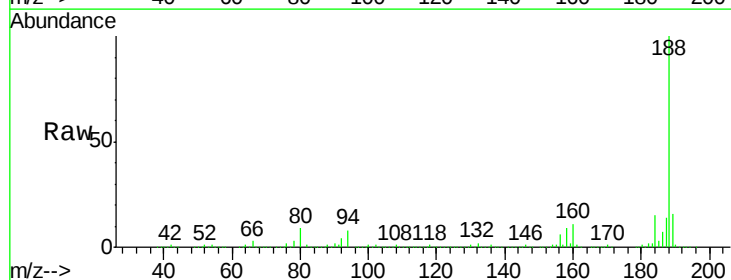
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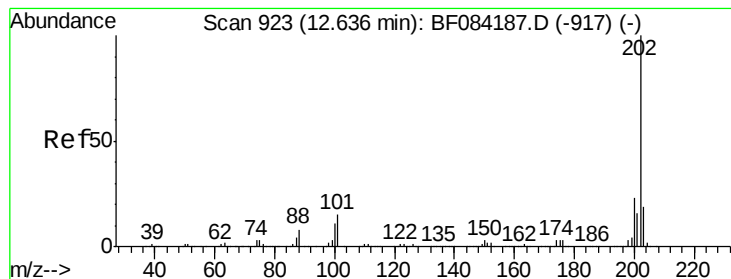
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084321.D
Acq: 8 Jan 2016 2:01

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.8	9.6	14.4#





#74

Fluoranthene

Concen: 7.80 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084321.D

Acq: 8 Jan 2016 2:01

Instrument :

BNA_F

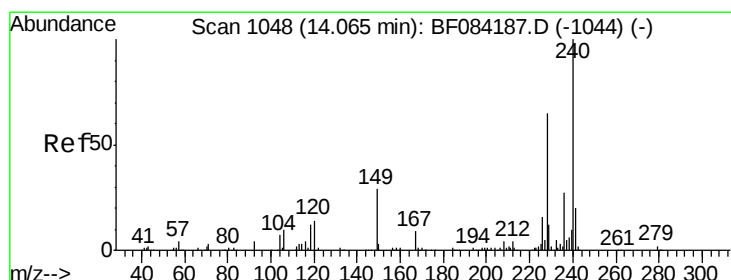
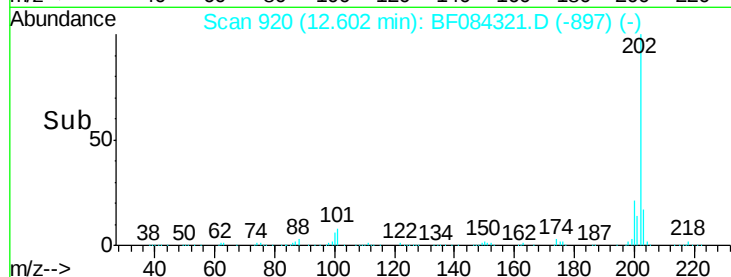
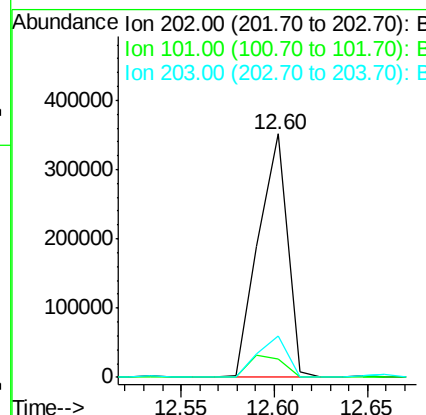
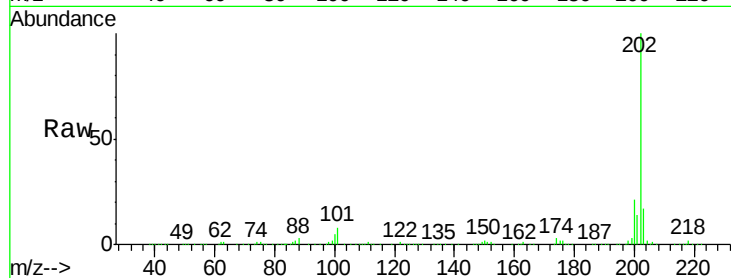
ClientSampleId :

BT004

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		378245		
101	7.6	0.0	32.8		
203	16.9	0.0	37.9		

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#75

Chrysene-d12

Concen: 20.00 ng

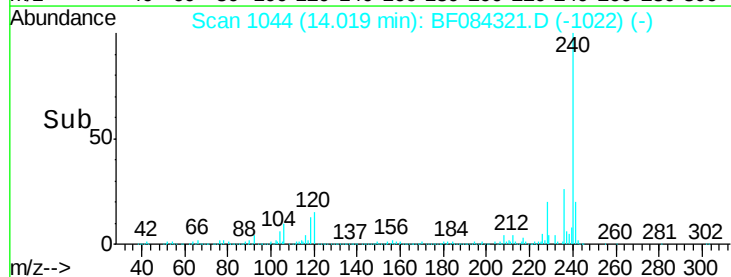
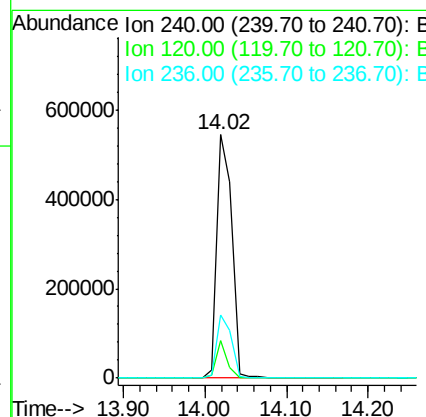
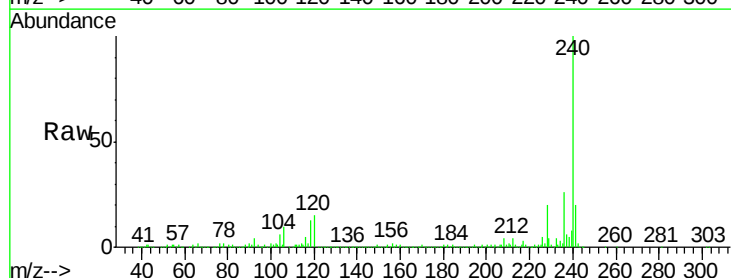
RT: 14.02 min Scan# 1044

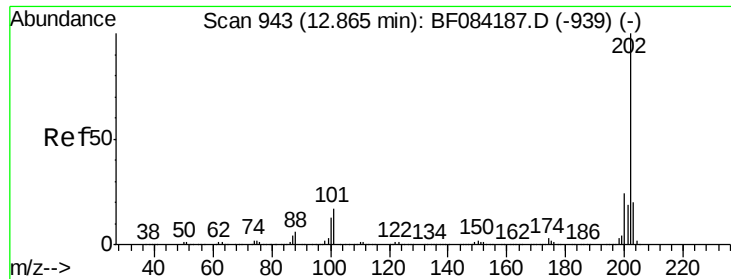
Delta R.T. -0.05 min

Lab File: BF084321.D

Acq: 8 Jan 2016 2:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		704040		
120	15.3	9.5	14.3#		
236	25.9	20.6	31.0		





#77

Pvrene

Concen: 6.41 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084321.D

Acq: 8 Jan 2016 2:01

Instrument :

BNA_F

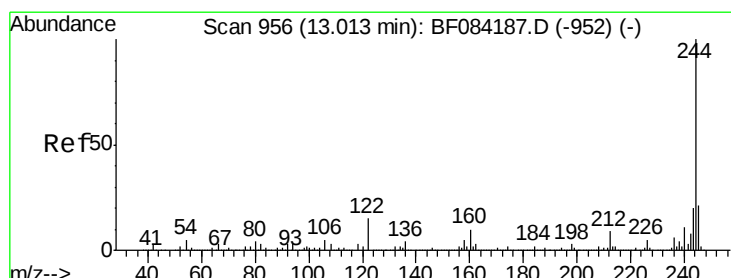
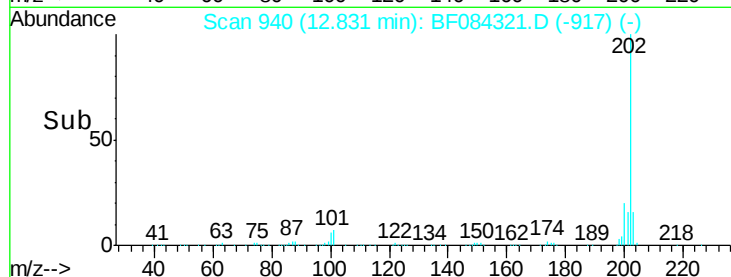
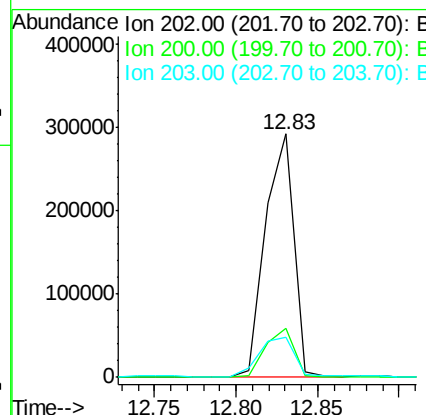
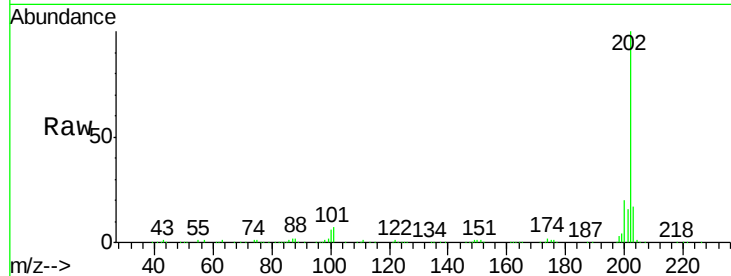
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		354031		
200	20.0	17.2	25.8		
203	16.6	14.3	21.5		

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#78

Terphenyl-d14

Concen: 75.68 ng

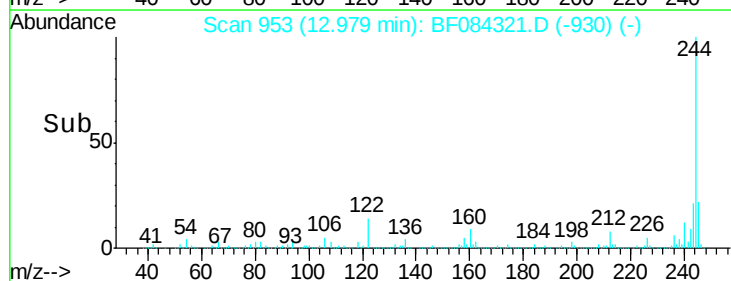
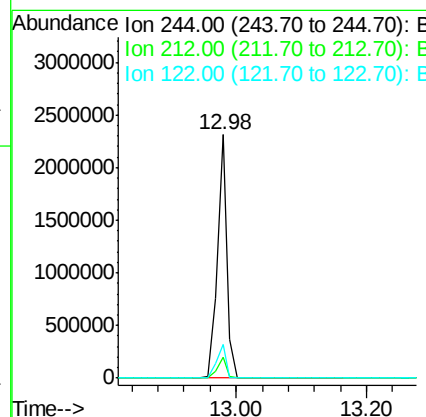
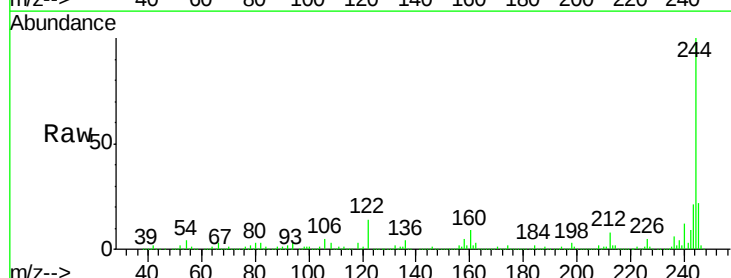
RT: 12.98 min Scan# 953

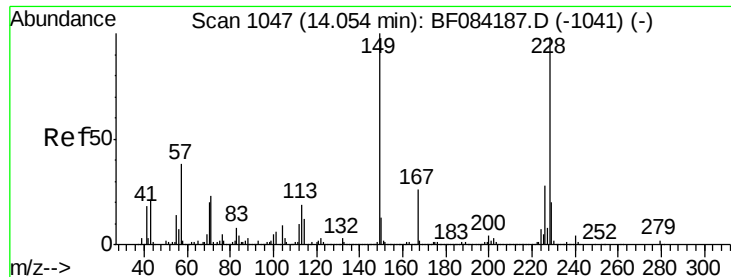
Delta R.T. -0.03 min

Lab File: BF084321.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		2387088		
212	8.4	5.7	8.5		
122	13.9	7.4	11.0#		





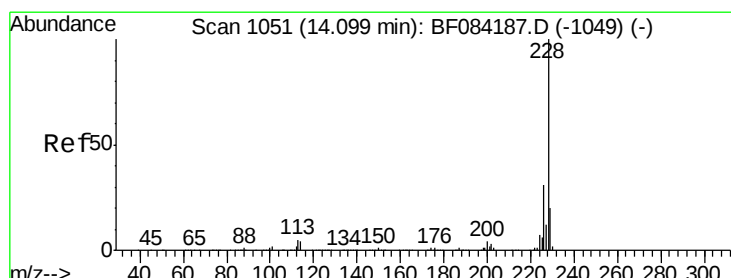
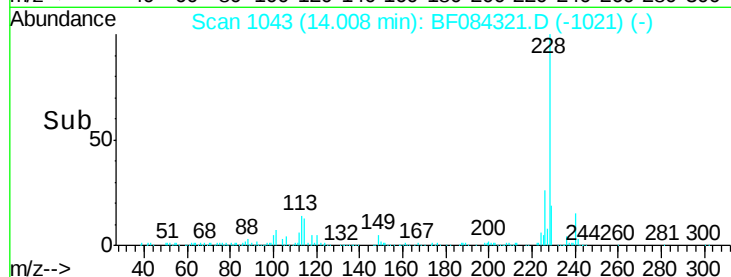
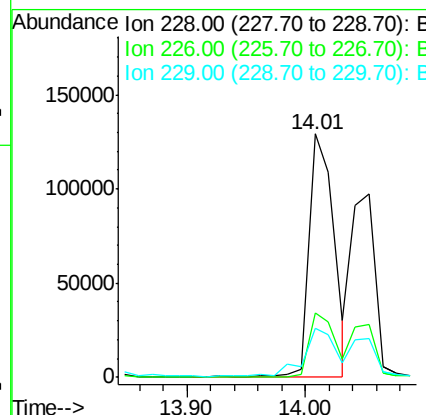
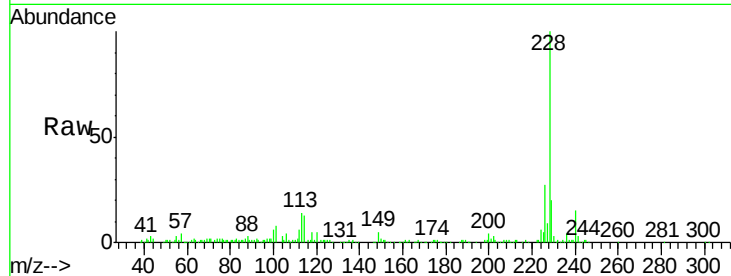
#80
Benzo(a)anthracene
Concen: 4.60 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084321.D
Acq: 8 Jan 2016 2:01

Instrument :
BNA_F
ClientSampleId :
BT004

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	20.0	15.8	23.8

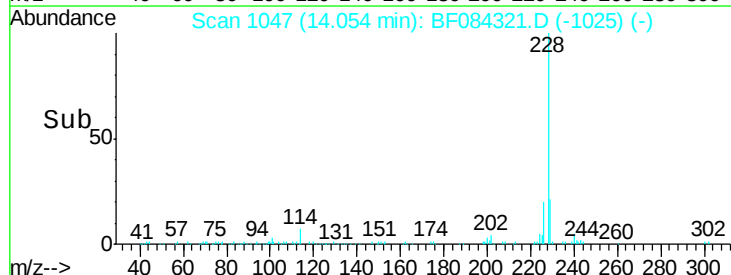
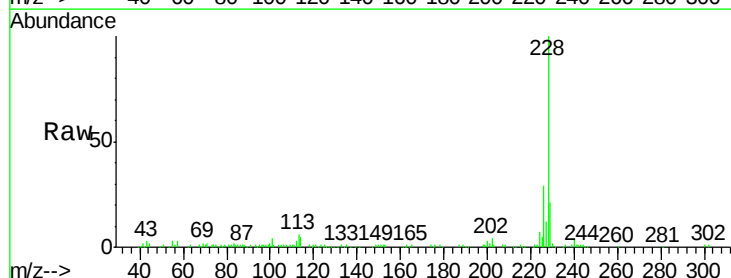
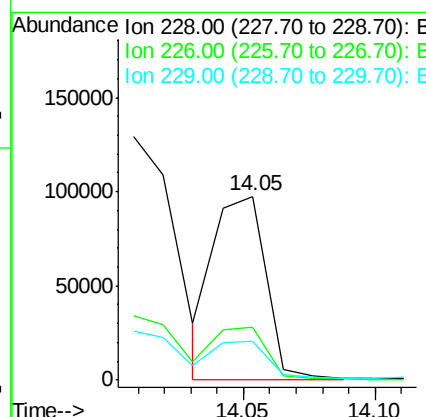
Manual Integrations
APPROVED

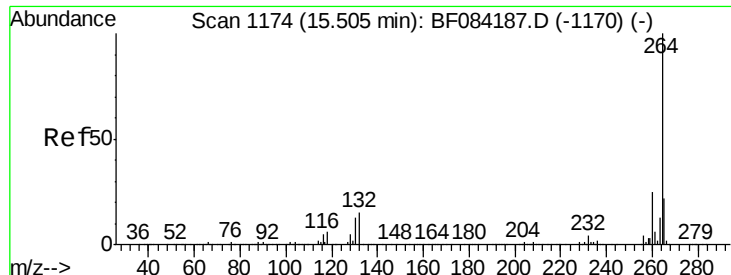
UMANGI
1/8/2016 10:43:07 AM



#82
Chrysene
Concen: 3.41 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF084321.D
Acq: 8 Jan 2016 2:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.3	36.5
229	21.1	16.1	24.1





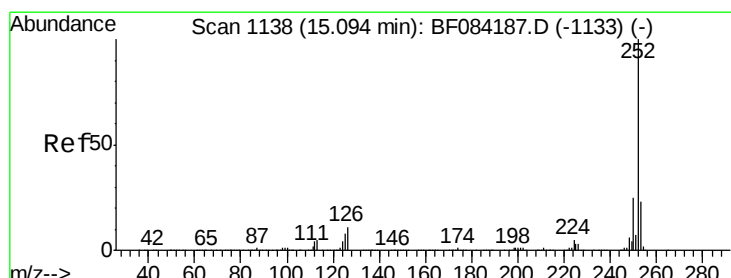
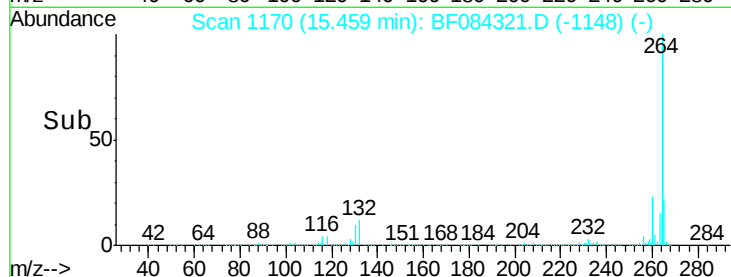
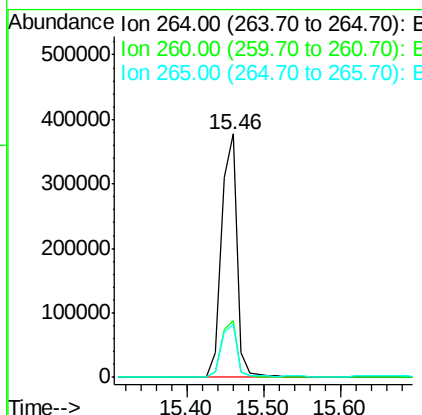
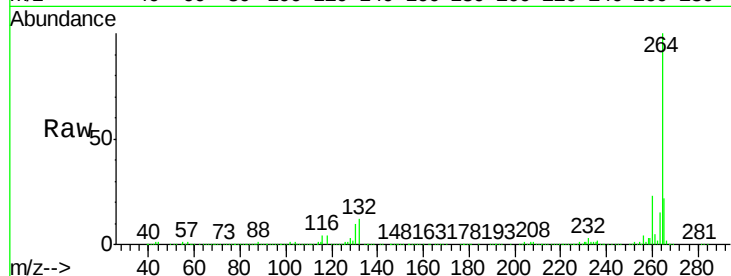
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084321.D
Acq: 8 Jan 2016 2:01

Instrument :
BNA_F
ClientSampled :
BT004

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.7	17.8	26.6

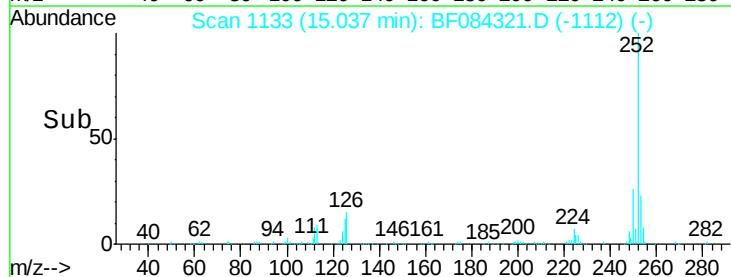
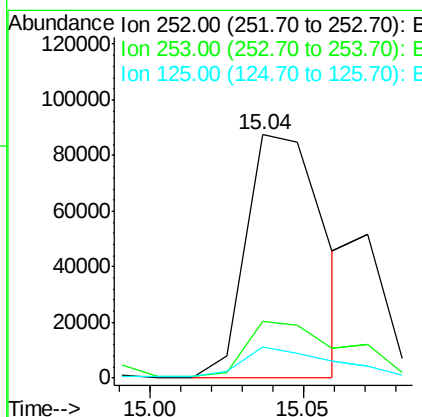
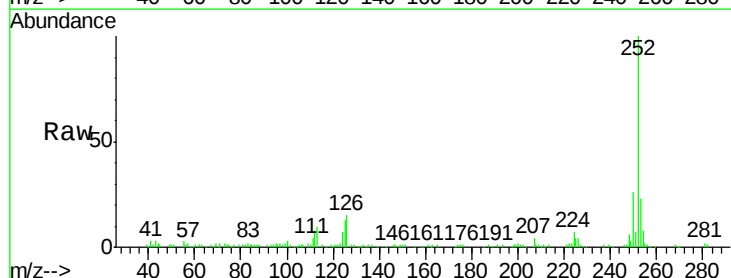
Manual Integrations
APPROVED

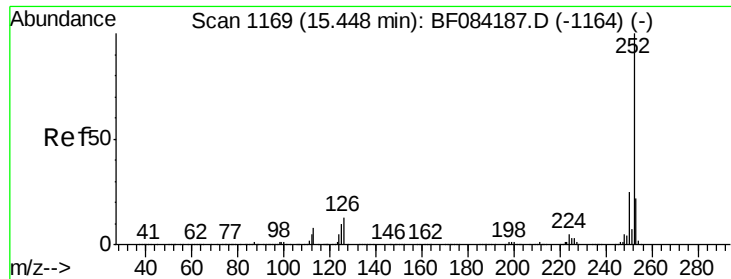
UMANGI
1/8/2016 10:43:07 AM



#87
Benzo(b)fluoranthene
Concen: 4.39 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084321.D
Acq: 8 Jan 2016 2:01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.3	25.9
125	12.6	6.5	9.7#





#89
 Benzo(a)pyrene
 Concen: 3.48 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF084321.D
 Acq: 8 Jan 2016 2:01

Instrument :
 BNA_F
 ClientSampleId :
 BT004

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.8	7.0	10.4

Manual Integrations
 APPROVED

UMANGI
 1/8/2016 10:43:07 AM

