

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084811.D
 Acq On : 4 Feb 2016 3:40
 Operator : SJ/IZ
 Sample : H1312-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(5-7)

Manual Integrations
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mohammad
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Quant Time: Feb 04 05:21:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	177228	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	782600	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	353812	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	629608	20.00	ng	0.00
75) Chrysene-d12	13.84	240	474741	20.00	ng	0.00
86) Perylene-d12	15.21	264	358767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	25173	2.21	ng	0.00
7) Phenol-d6	6.33	99	605339	42.91	ng	-0.01
23) Nitrobenzene-d5	7.25	82	857152	61.70	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.06	172	1779201	84.51	ng	0.00
78) Terphenyl-d14	12.80	244	1540379	73.53	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	93512	2.38	ng	99
49) Dimethylphthalate	9.45	163	381898	14.17	ng	# 90
70) Phenanthrene	11.23	178	364598	10.44	ng	99
71) Anthracene	11.28	178	86923	2.47	ng	98
74) Fluoranthene	12.41	202	320226	9.06	ng	97
77) Pyrene	12.64	202	284821	7.84	ng	100
80) Benzo(a)anthracene	13.83	228	114012	3.87	ng	98
82) Chrysene	13.86	228	90933m	3.18	ng	
87) Benzo(b)fluoranthene	14.83	252	82333m	3.42	ng	
89) Benzo(a)pyrene	15.15	252	58739	2.86	ng	98

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

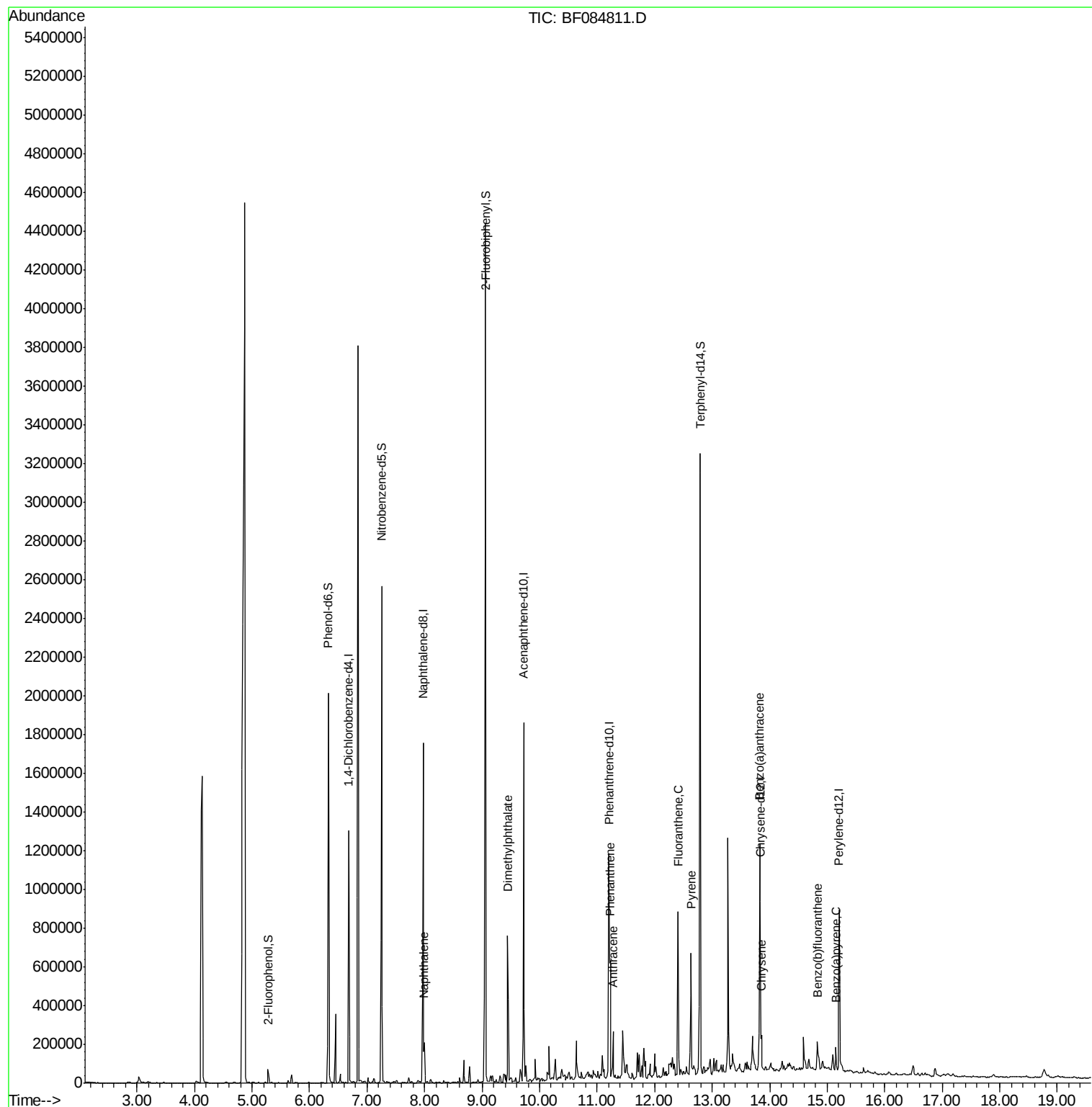
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084811.D
Acq On : 4 Feb 2016 3:40
Operator : SJ/IZ
Sample : H1312-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Instrument :

BNA_F

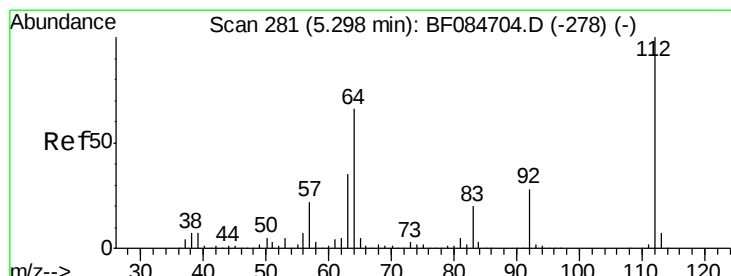
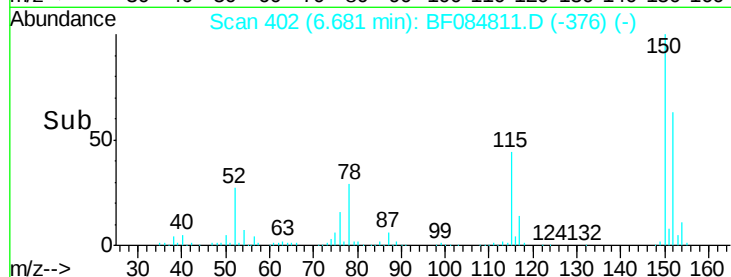
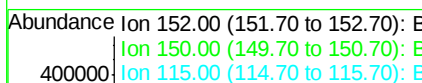
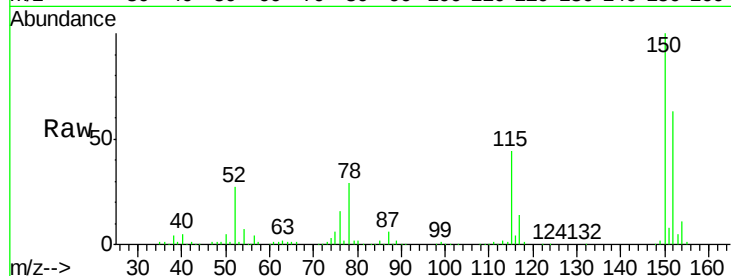
ClientSampleId :

SUP-B005(5-7)

Tot Ion:	152	Resp:	177228
Ion Ratio	Lower	Upper	
152	100		
150	157.7	123.0	184.4
115	70.2	51.4	77.2

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#5

2-Fluorophenol

Concen: 2.21 ng

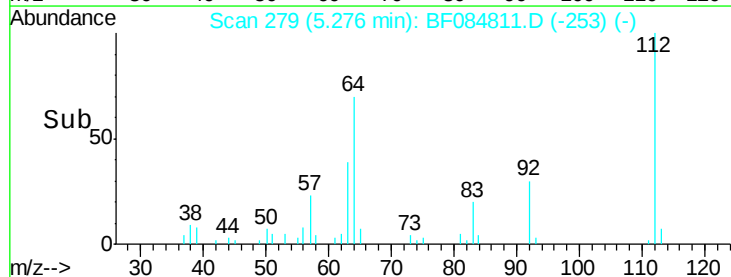
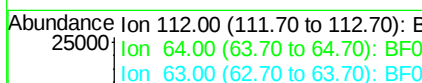
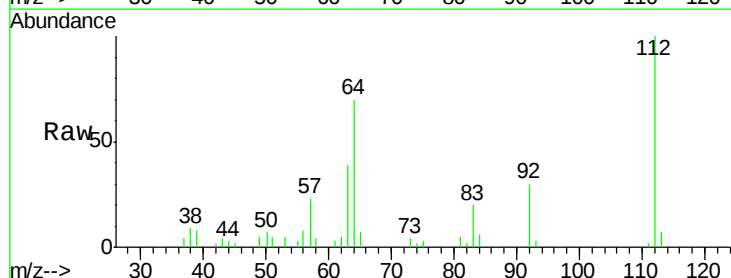
RT: 5.28 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Tgt Ion:	112	Resp:	25173
Ion Ratio	Lower	Upper	
112	100		
64	69.9	36.6	55.0#
63	38.8	19.4	29.0#





#7

Phenol-d6

Concen: 42.91 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Instrument :

BNA_F

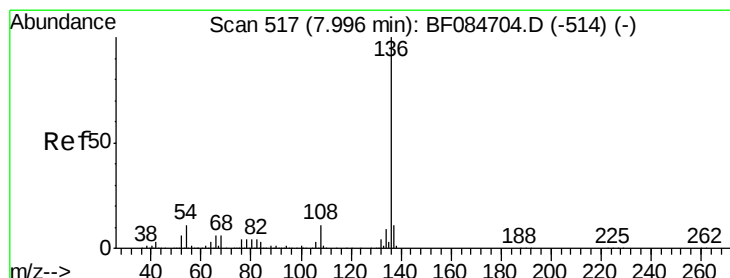
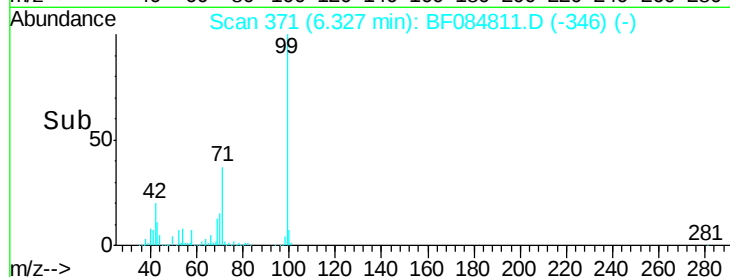
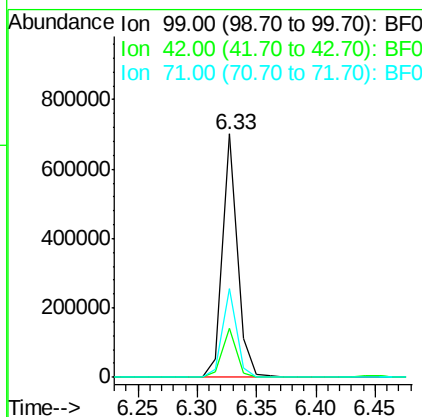
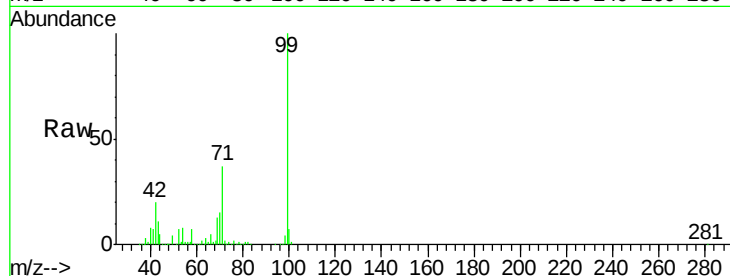
ClientSampleId :

SUP-B005(5-7)

Tot Ion	99	Resp	605339
Ion Ratio	Lower	Upper	
99	100		
42	20.4	12.8	19.2#
71	36.6	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

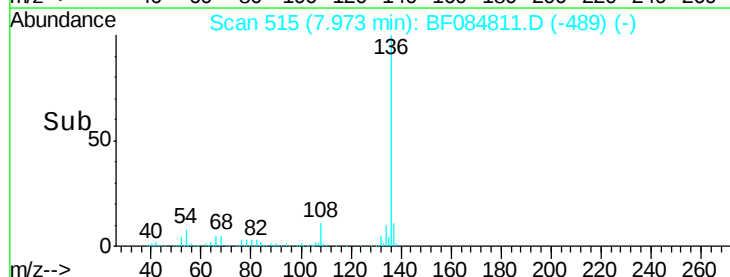
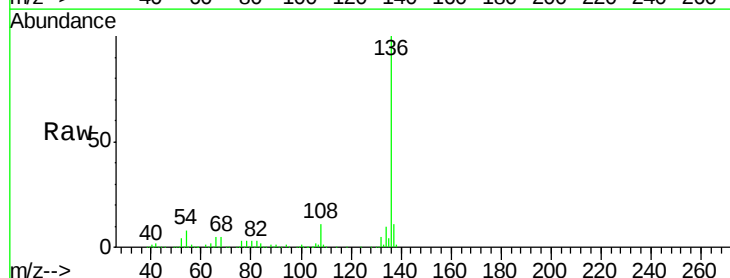
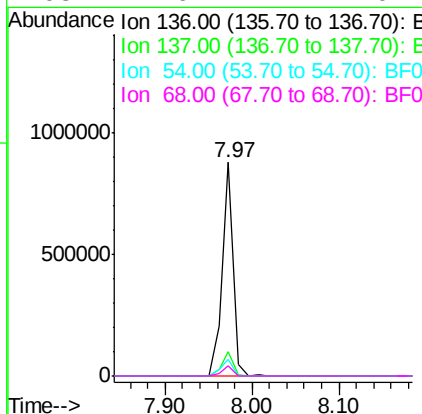
RT: 7.97 min Scan# 515

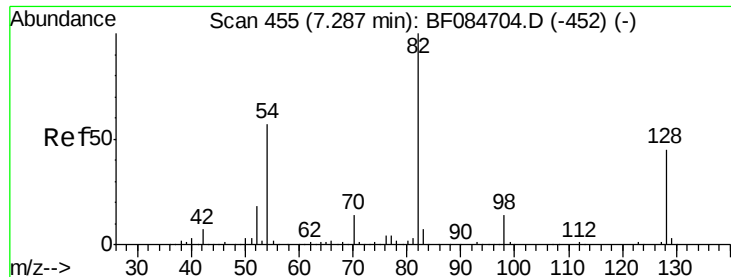
Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Tgt Ion	136	Resp	782600
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	8.0	5.8	8.8
68	4.6	4.2	6.2





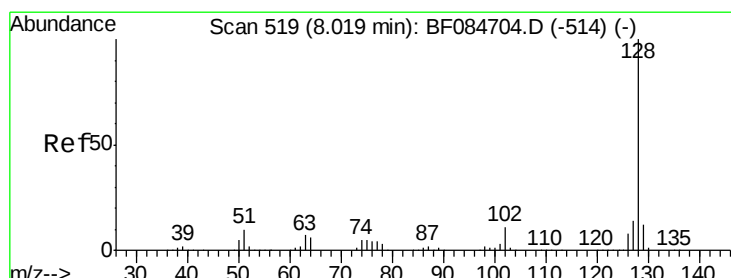
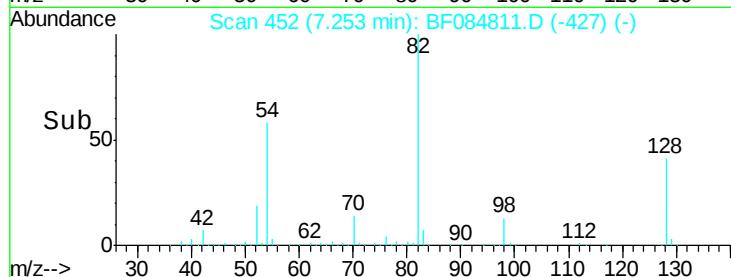
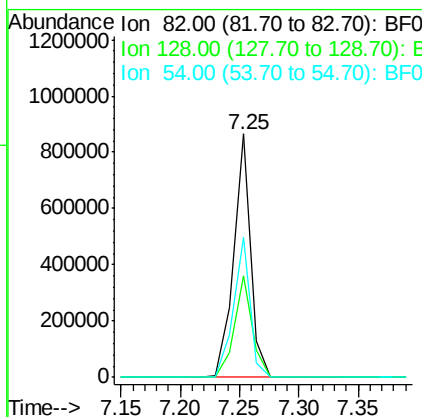
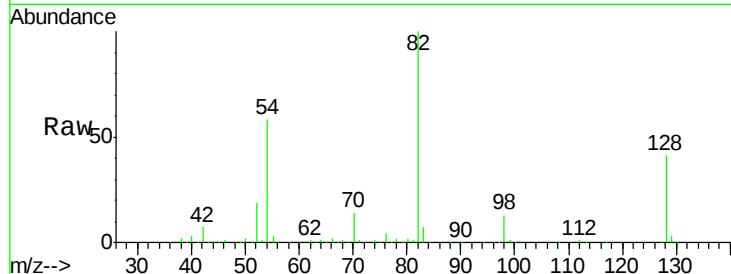
#23
 Nitrobenzene-d5
 Concen: 61.70 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084811.D
 Acq: 4 Feb 2016 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.5	34.6	51.8	
54	57.5	38.4	57.6	

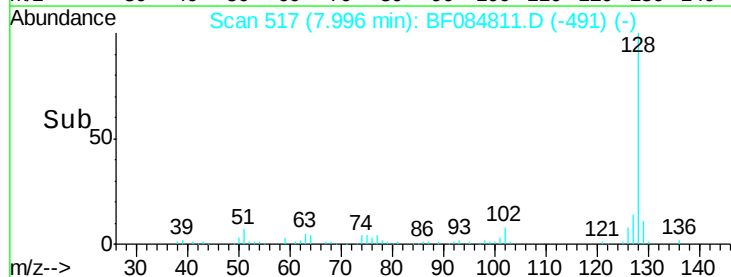
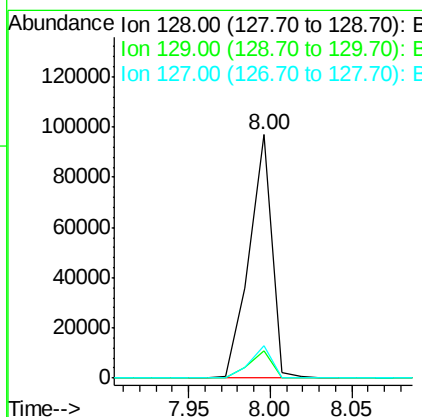
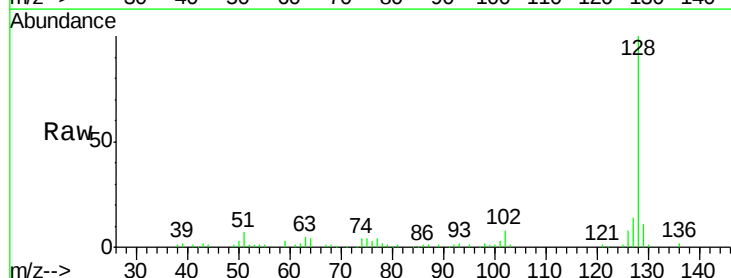
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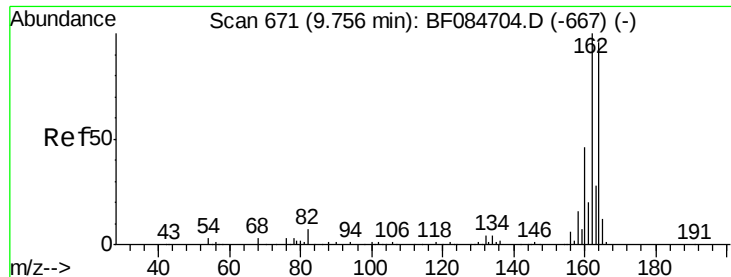
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#31
 Naphthalene
 Concen: 2.38 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF084811.D
 Acq: 4 Feb 2016 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.1	13.7	
127	13.5	11.1	16.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Instrument :

BNA_F

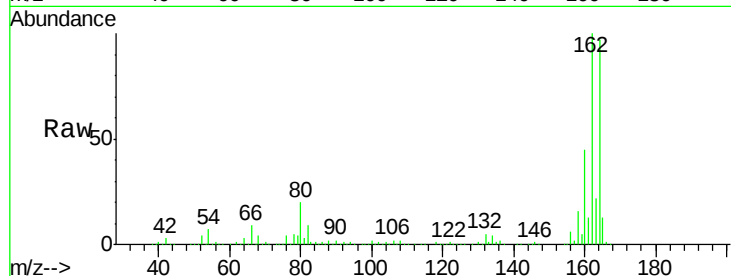
ClientSampleId :

SUP-B005(5-7)

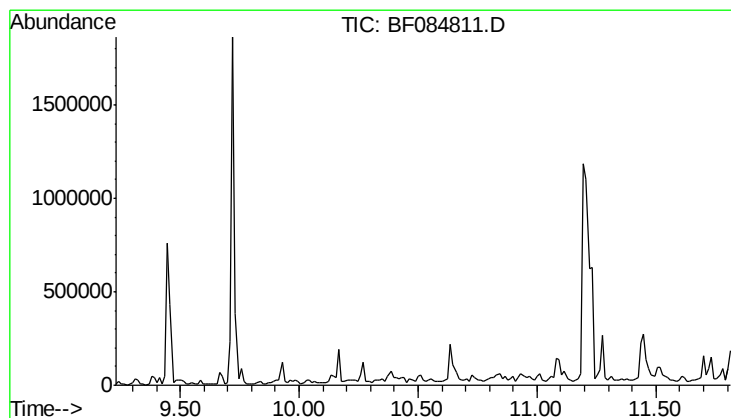
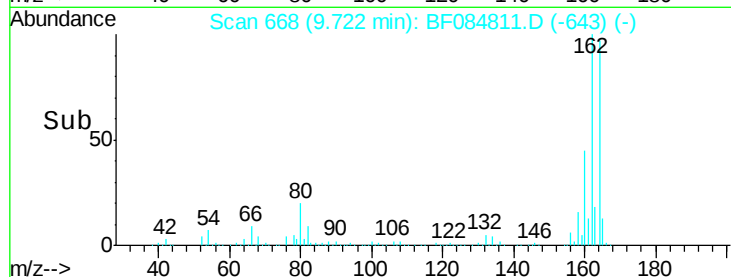
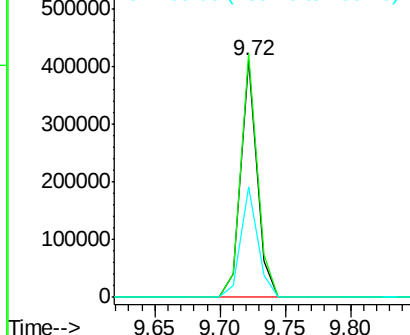
Tot Ion:	164	Resp:	353812
Ion Ratio	Lower	Upper	
164	100		
162	102.7	85.1	127.7
160	46.5	37.5	56.3

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.52 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

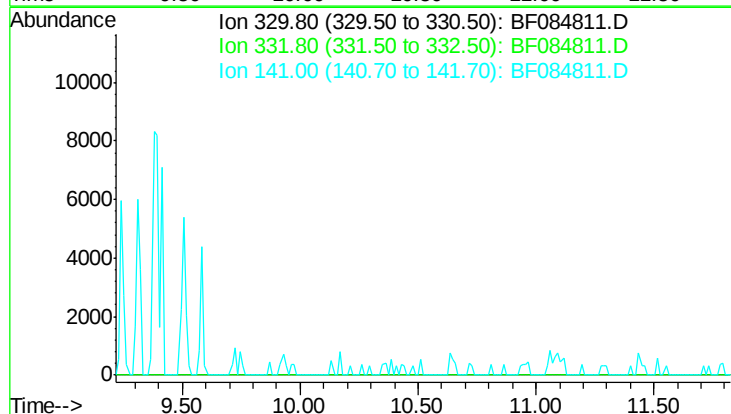
Tgt Ion: 330

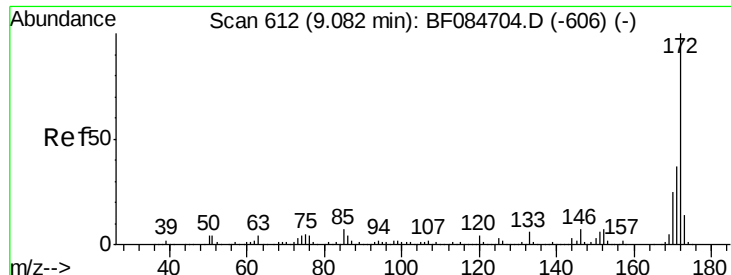
Sig Exp Ratio

330 100

332 95.7

141 34.7





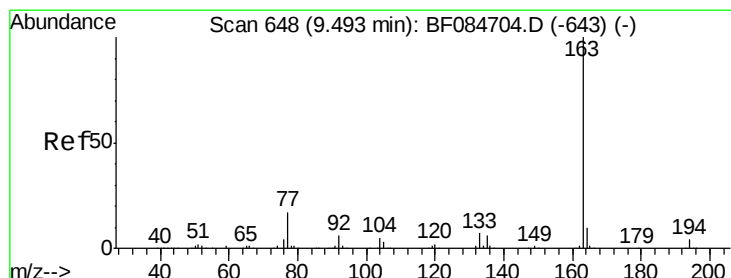
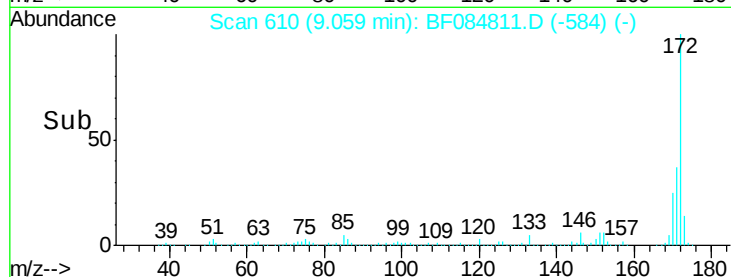
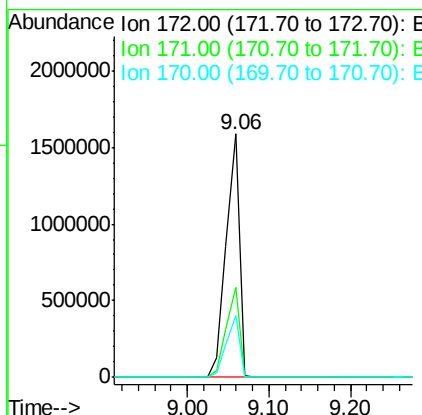
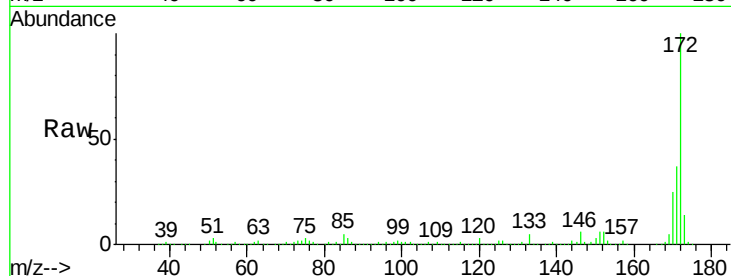
#44
2-Fluorobiphenyl
Concen: 84.51 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.2	18.6	27.8

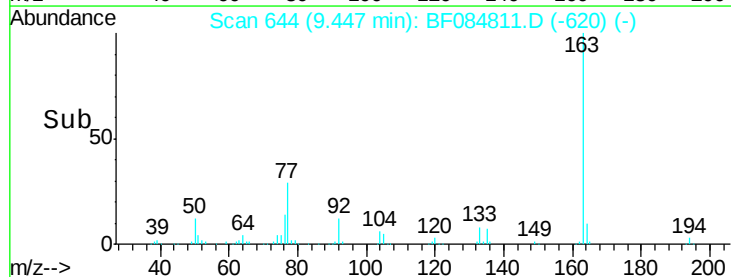
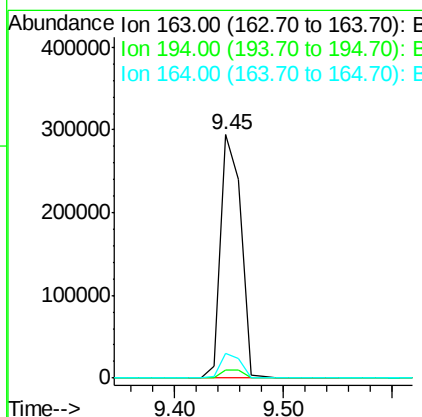
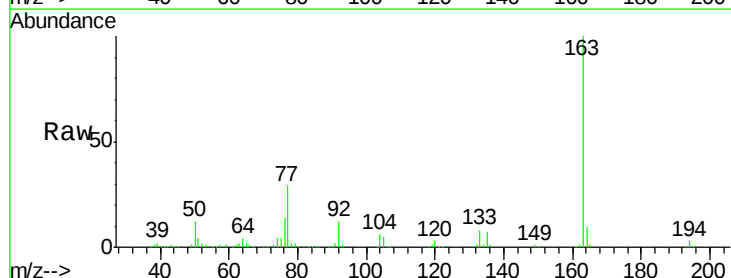
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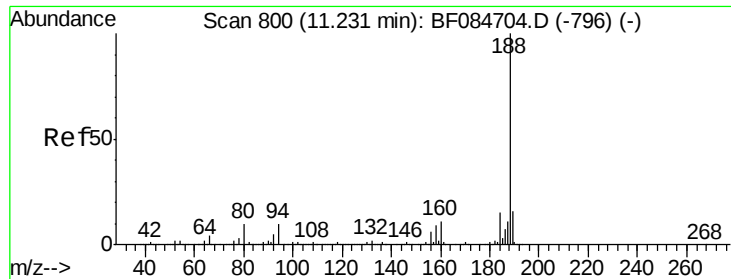
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#49
Dimethylphthalate
Concen: 14.17 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.3	8.0	12.0





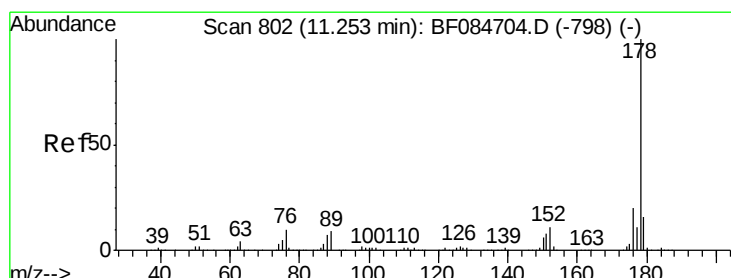
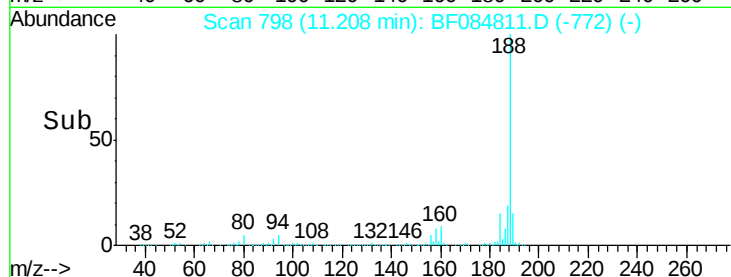
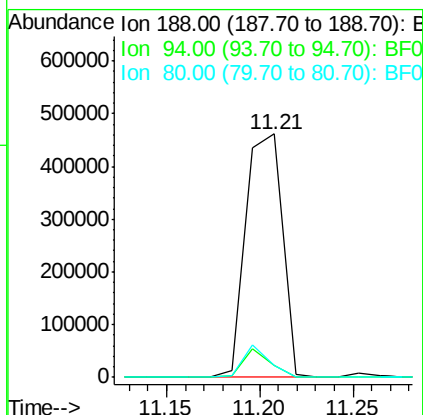
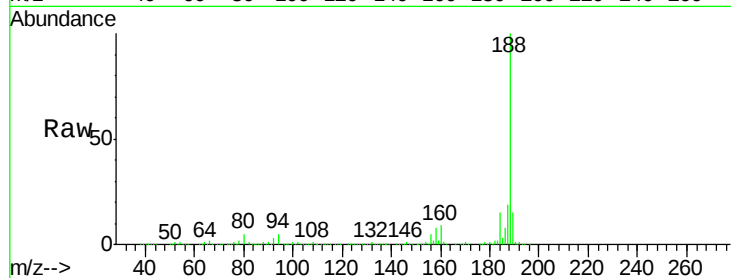
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.1	9.0	13.4#
80	5.1	9.6	14.4#

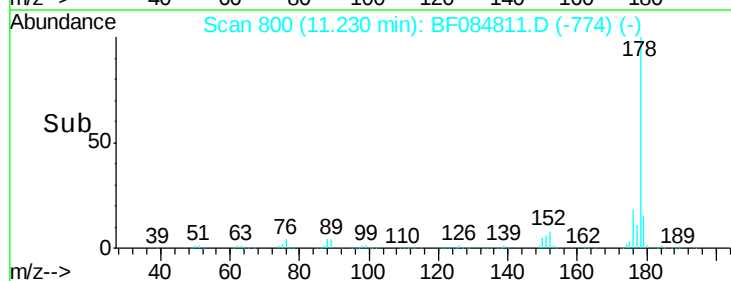
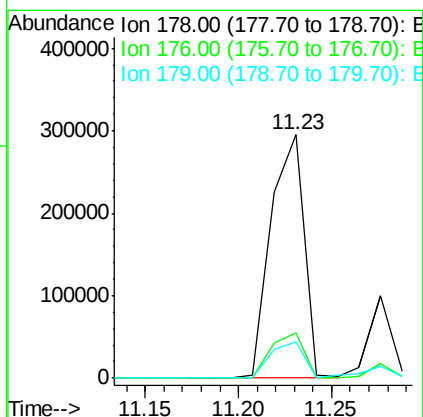
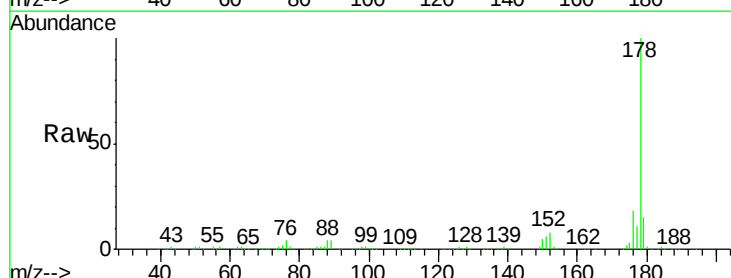
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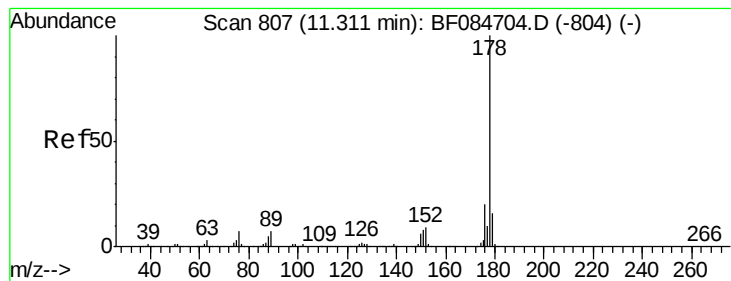
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#70
Phenanthrene
Concen: 10.44 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	15.3	22.9
179	14.6	12.0	18.0





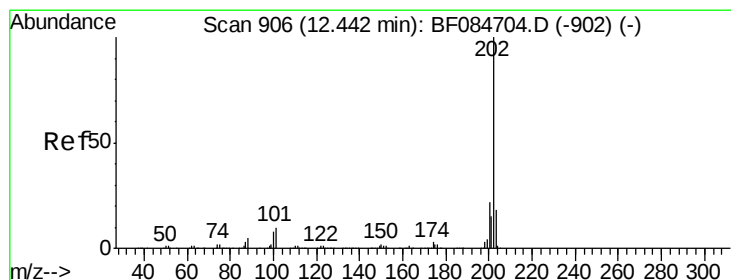
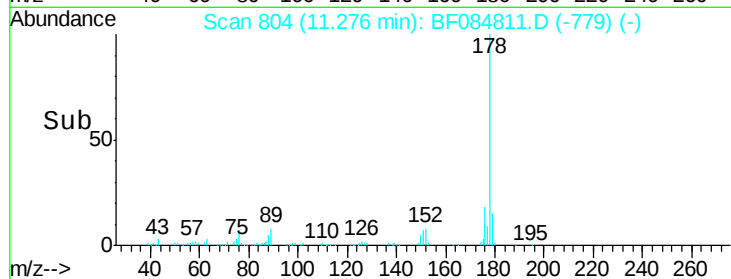
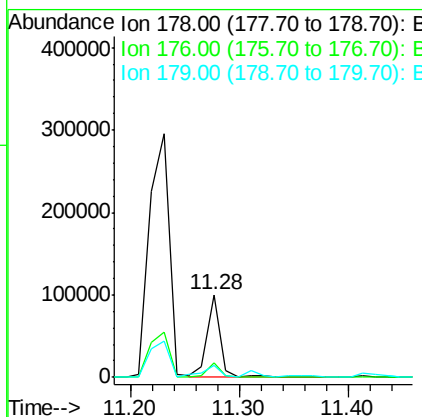
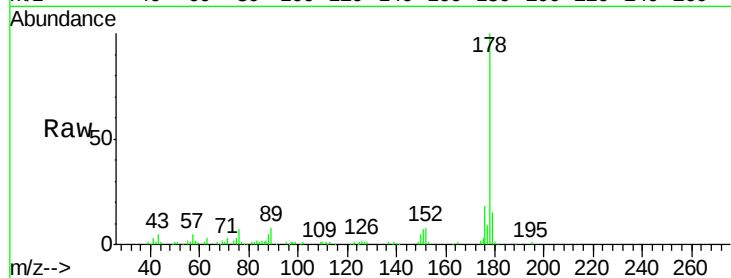
#71
 Anthracene
 Concen: 2.47 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF084811.D
 Acq: 4 Feb 2016 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(5-7)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	14.8	12.5	18.7

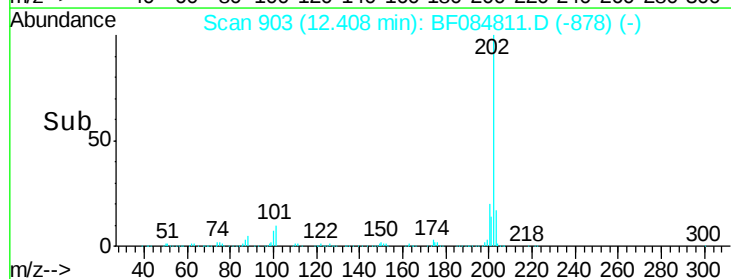
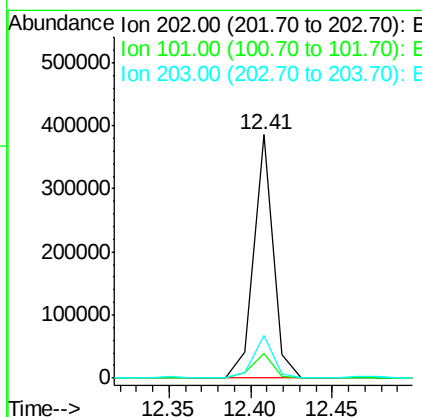
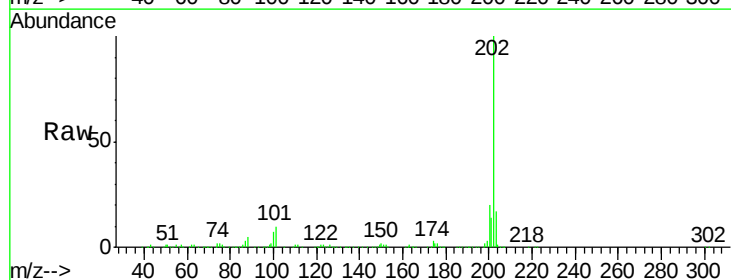
Manual Integrations
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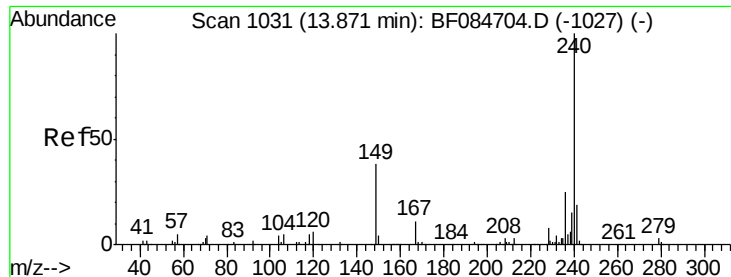
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#74
 Fluoranthene
 Concen: 9.06 ng
 RT: 12.41 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF084811.D
 Acq: 4 Feb 2016 3:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.8
203	17.4	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Instrument :

BNA_F

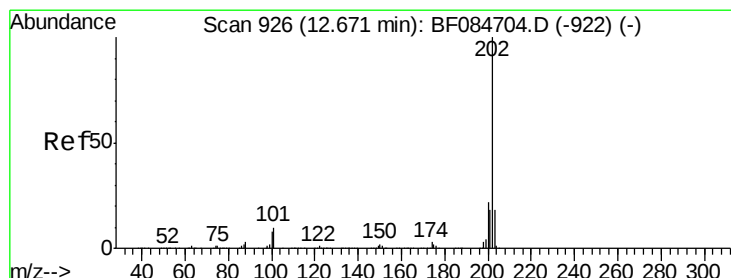
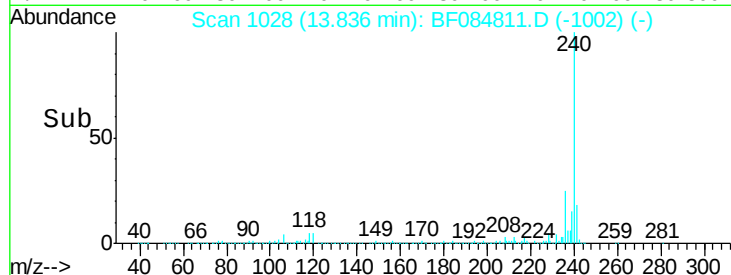
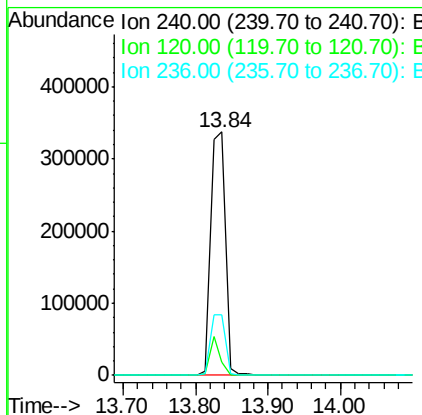
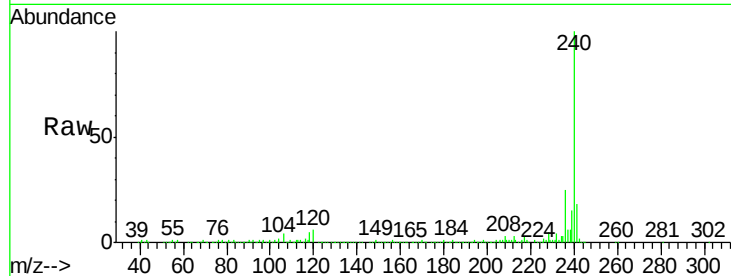
ClientSampleId :

SUP-B005(5-7)

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	9.5	14.3#
236	24.7	20.6	31.0

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#77

Pyrene

Concen: 7.84 ng

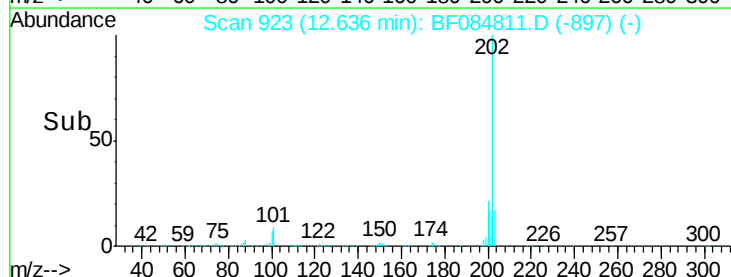
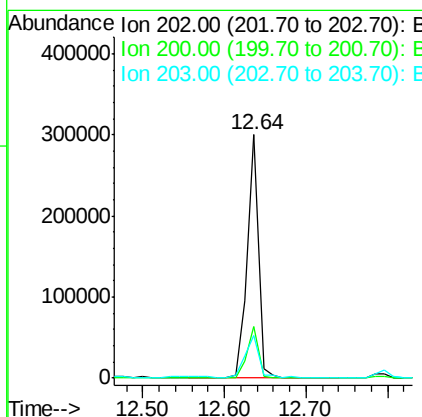
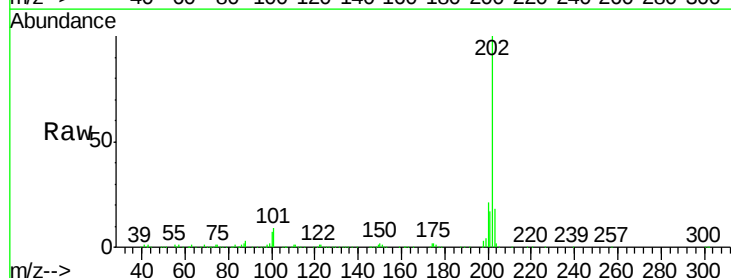
RT: 12.64 min Scan# 923

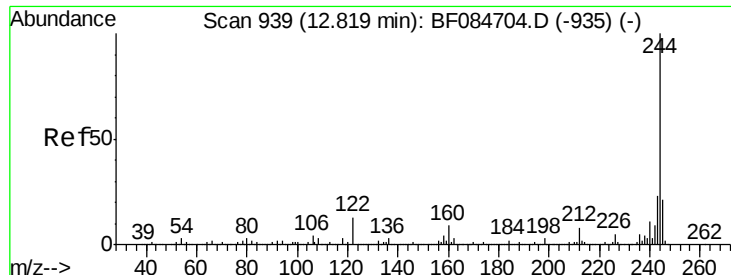
Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.6	14.3	21.5





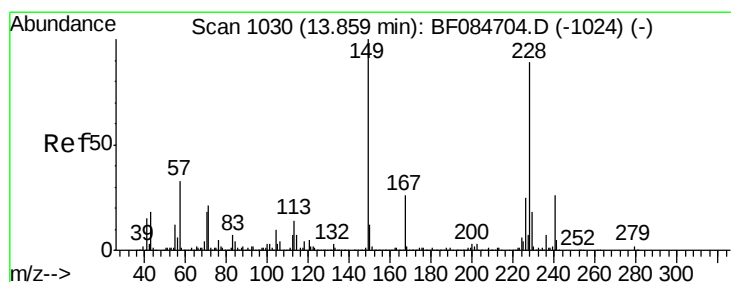
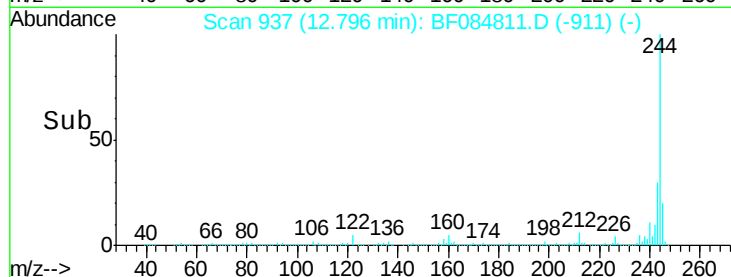
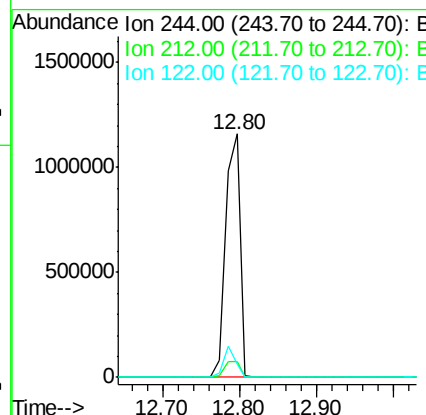
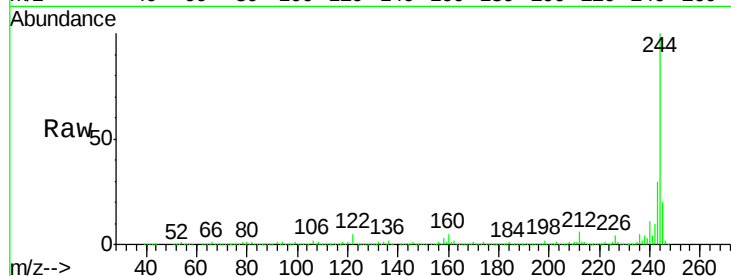
#78
 Terphenyl-d14
 Concen: 73.53 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF084811.D
 Acq: 4 Feb 2016 3:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B005(5-7)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	5.5	7.4	11.0

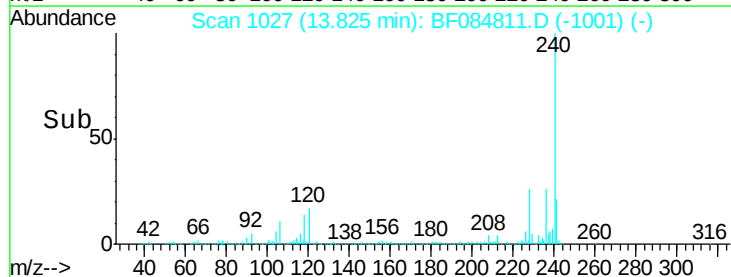
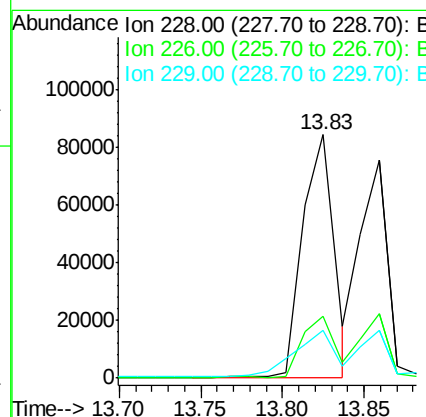
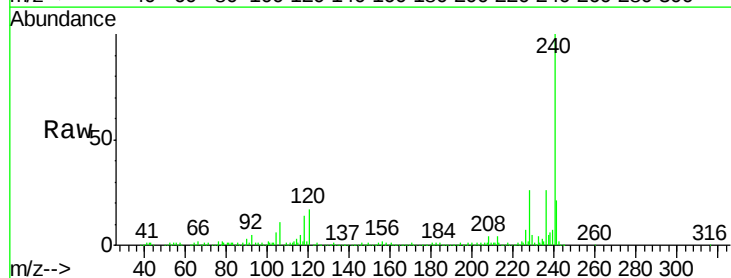
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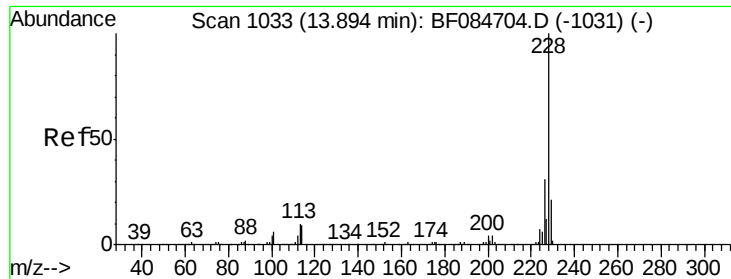
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#80
 Benzo(a)anthracene
 Concen: 3.87 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF084811.D
 Acq: 4 Feb 2016 3:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.8	32.6
229	19.5	15.8	23.8





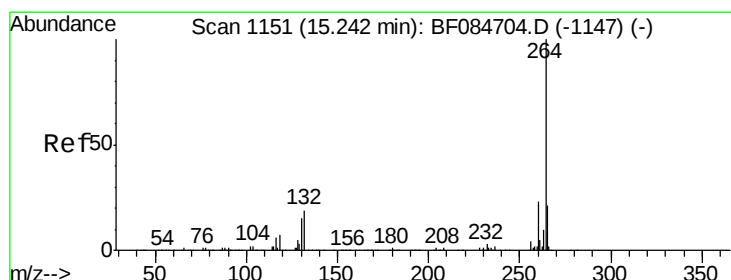
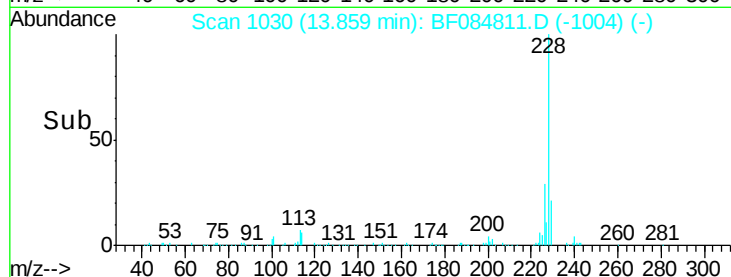
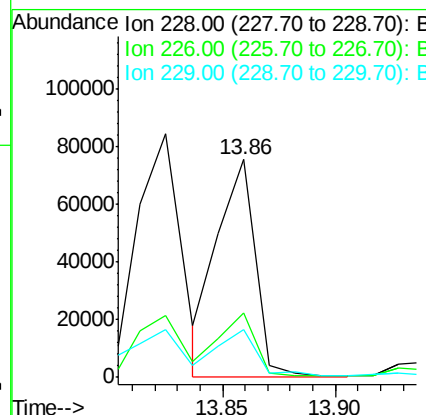
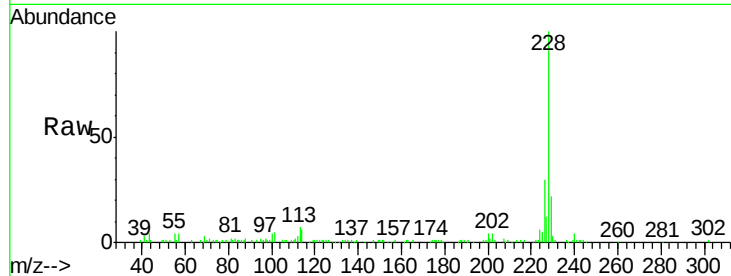
#82
Chrysene
Concen: 3.18 ng/ml
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)

Tot Ion:	228	Resp:	90933
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.3	36.5
229	22.2	16.1	24.1

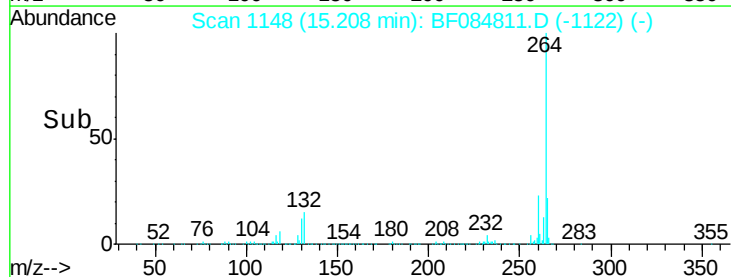
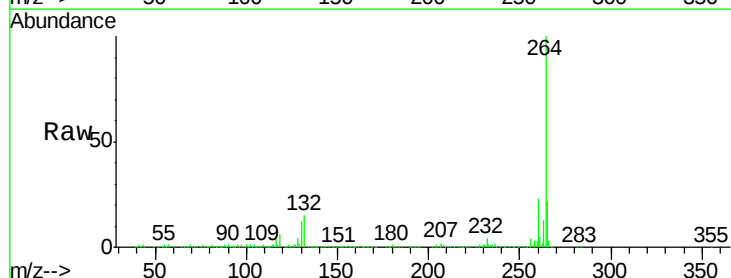
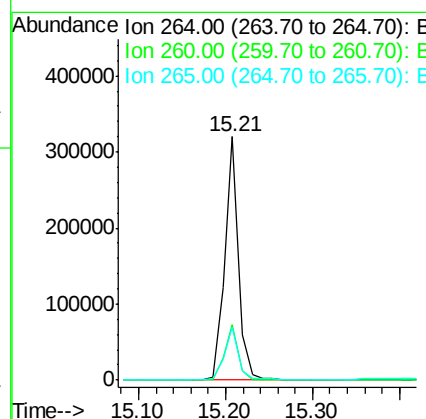
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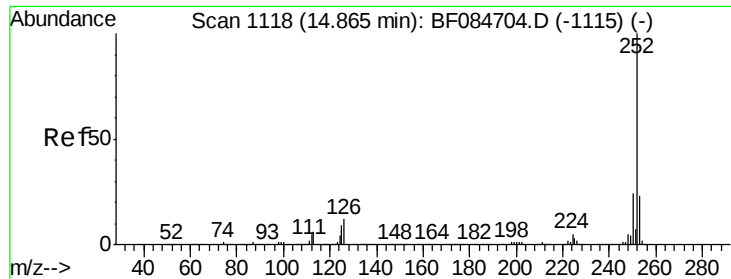
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084811.D
Acq: 4 Feb 2016 3:40

Tgt Ion:	264	Resp:	358767
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 3.42 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Instrument :

BNA_F

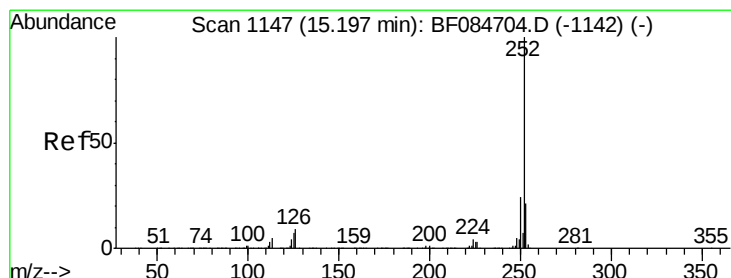
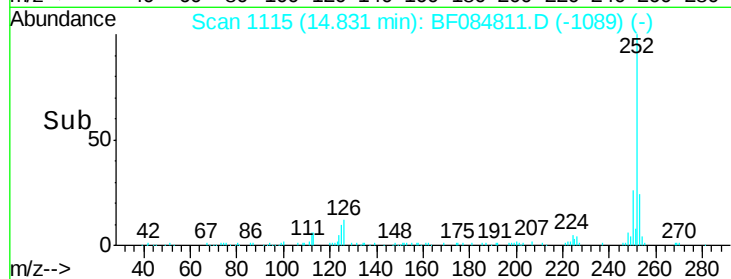
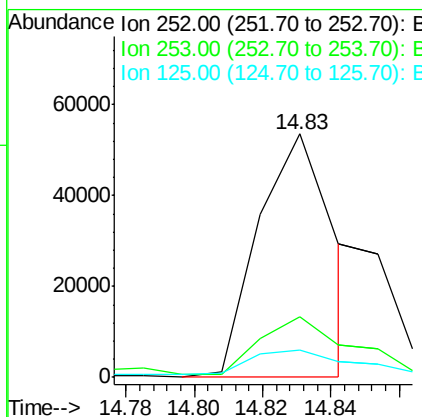
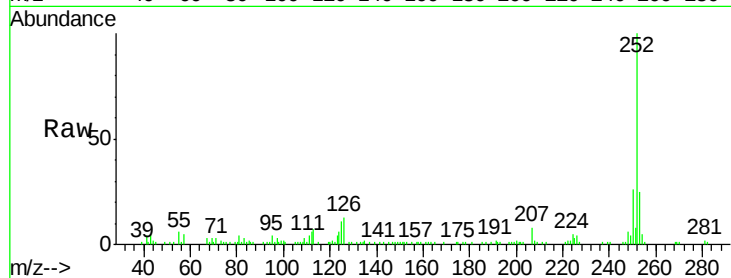
ClientSampleId :

SUP-B005(5-7)

Tot Ion:	252	Resp:	82333
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.3	25.9
125	11.4	6.5	9.7#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.86 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF084811.D

Acq: 4 Feb 2016 3:40

Tgt Ion:	252	Resp:	58739
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.3	25.9
125	8.9	7.0	10.4

