

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084999.D
 Acq On : 10 Feb 2016 18:08
 Operator : SJ/IZ
 Sample : H1386-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

Manual Integrations
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UMANGI
 2/11/2016 10:46:51 AM

Quant Time: Feb 11 00:40:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	141289	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	566483	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	235338	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	395391	20.00	ng	0.00
75) Chrysene-d12	13.76	240	300602	20.00	ng	-0.01
86) Perylene-d12	15.13	264	281015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1097442	120.98	ng	0.01
7) Phenol-d6	6.28	99	1557031	138.46	ng	0.00
23) Nitrobenzene-d5	7.20	82	969160	96.38	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	276359	112.58	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1371334	107.80	ng	0.00
78) Terphenyl-d14	12.73	244	973060	73.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	351873	19.63	ng	Qvalue # 90
70) Phenanthrene	11.16	178	104597	4.77	ng	99
74) Fluoranthene	12.34	202	101019	4.55	ng	96
77) Pyrene	12.57	202	86907	3.78	ng	99
87) Benzo(b)fluoranthene	14.77	252	38942m	2.06	ng	

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

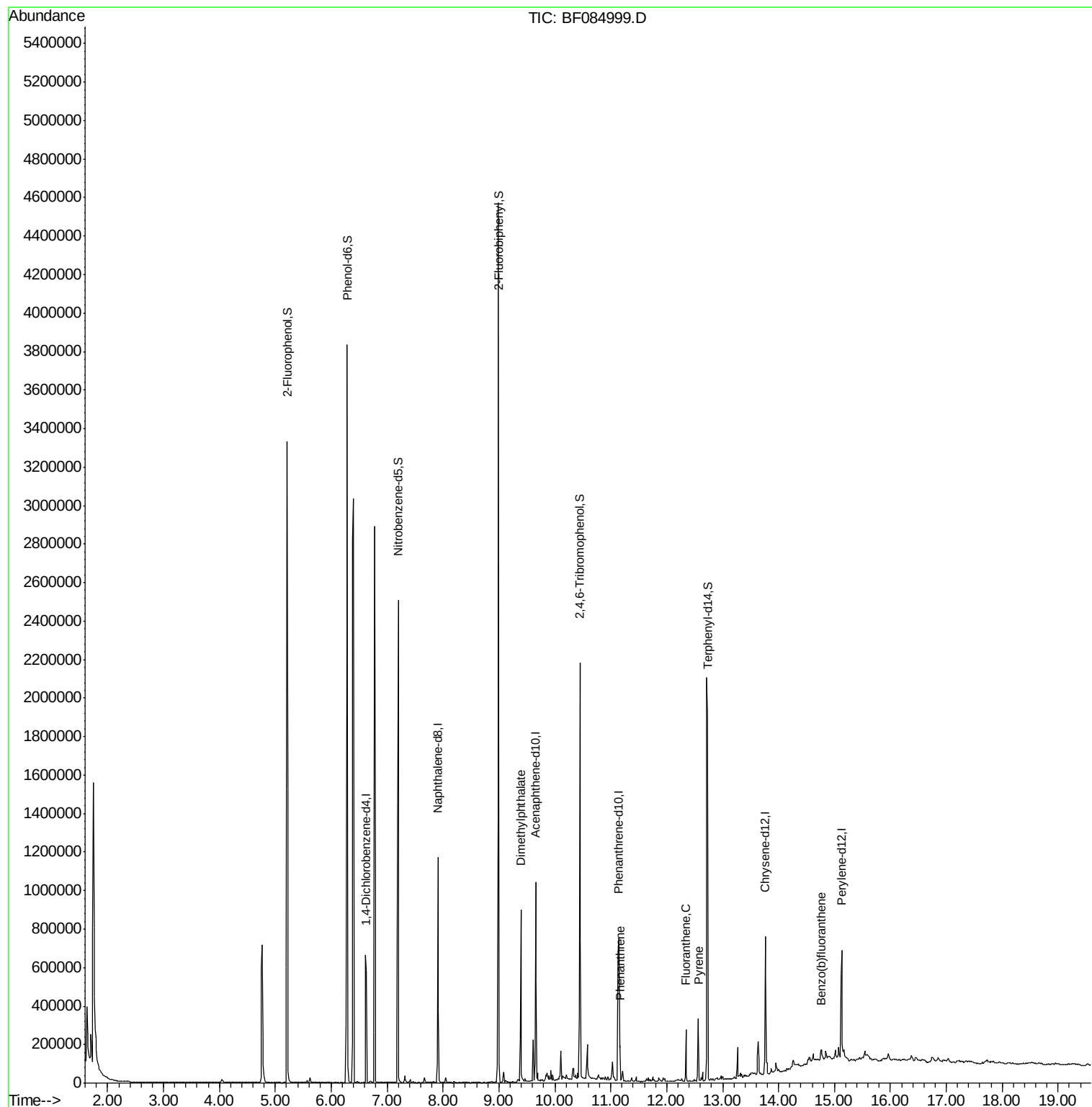
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084999.D
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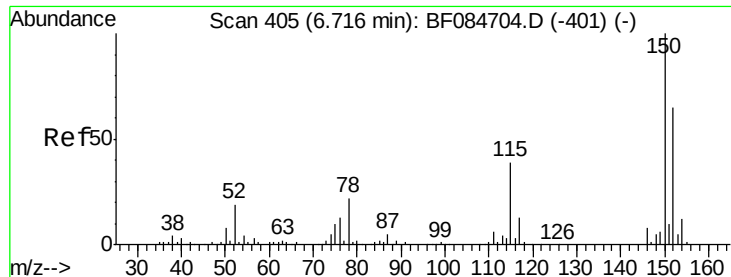
Instrument :
BNA_F
ClientSampleId :
S4-B018(10-12)

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF084999.D

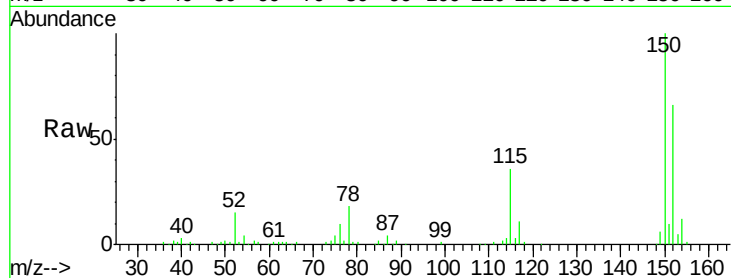
Acq: 10 Feb 2016 18:08

Instrument :

BNA_F

ClientSampleId :

S4-B018(10-12)



Tgt Ion:152 Resp: 141289

Ion Ratio Lower Upper

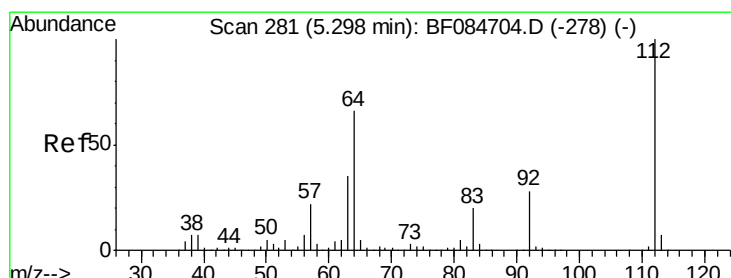
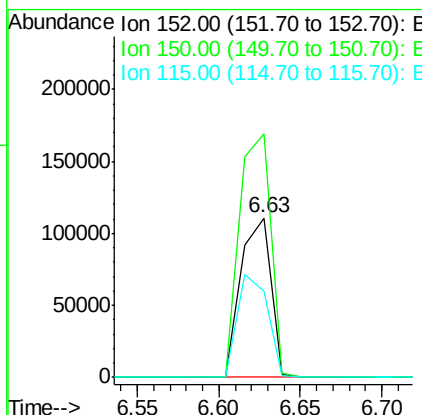
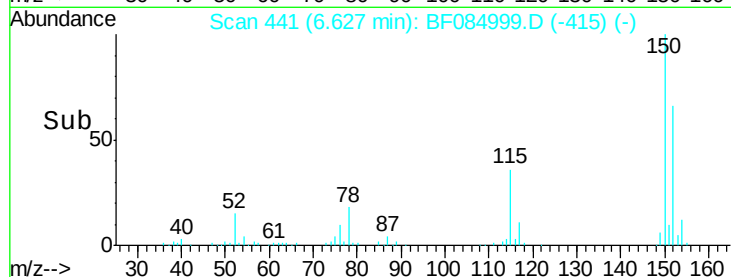
152 100

150 152.6 123.0 184.4

115 54.3 51.4 77.2

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#5

2-Fluorophenol

Concen: 120.98 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF084999.D

Acq: 10 Feb 2016 18:08

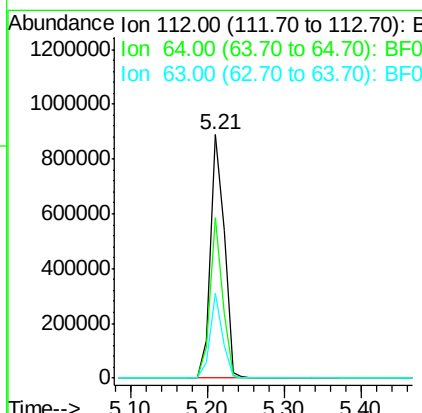
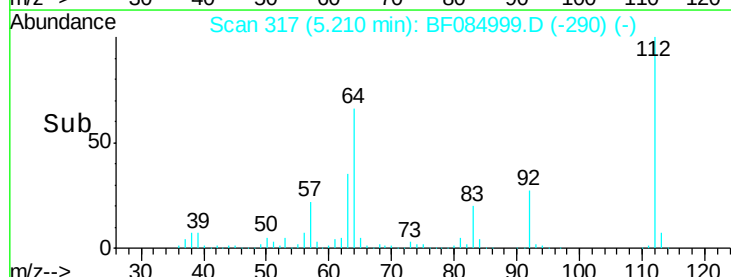
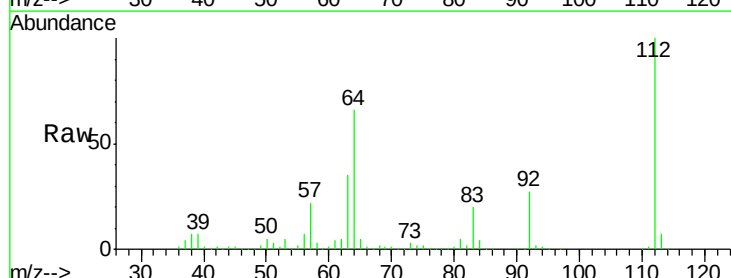
Tgt Ion:112 Resp: 1097442

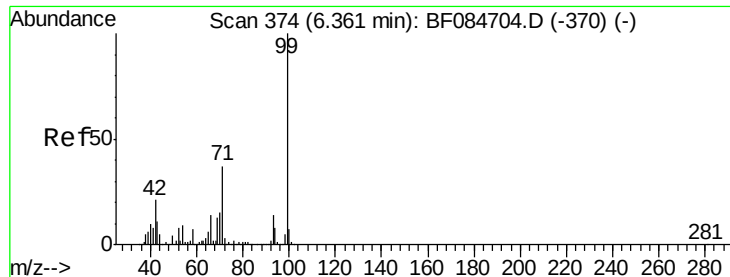
Ion Ratio Lower Upper

112 100

64 65.7 36.6 55.0#

63 34.7 19.4 29.0#





#7

Phenol-d6

Concen: 138.46 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF084999.D

Acq: 10 Feb 2016 18:08

Instrument :

BNA_F

ClientSampleId :

S4-B018(10-12)

Tgt Ion: 99 Resp: 1557031

Ion Ratio Lower Upper

99 100

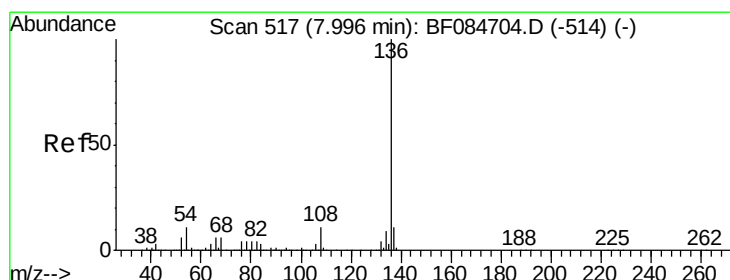
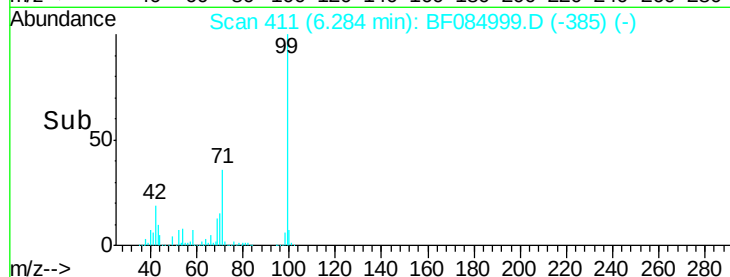
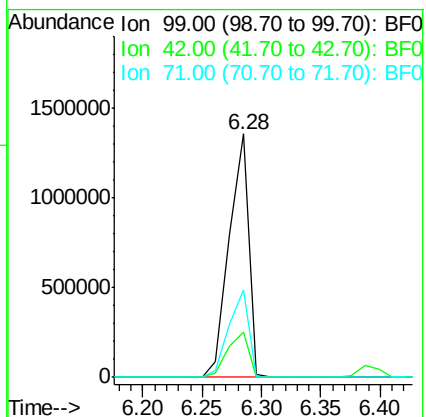
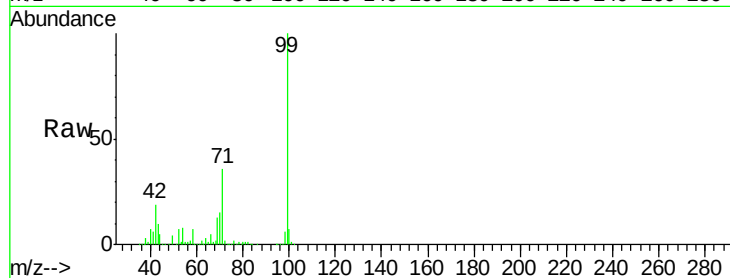
42 18.7 12.8 19.2

71 35.8 30.9 46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF084999.D

Acq: 10 Feb 2016 18:08

Tgt Ion: 136 Resp: 566483

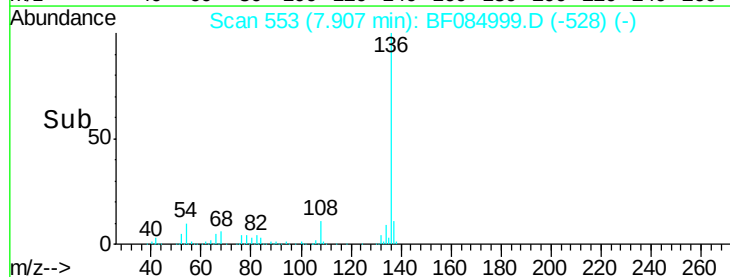
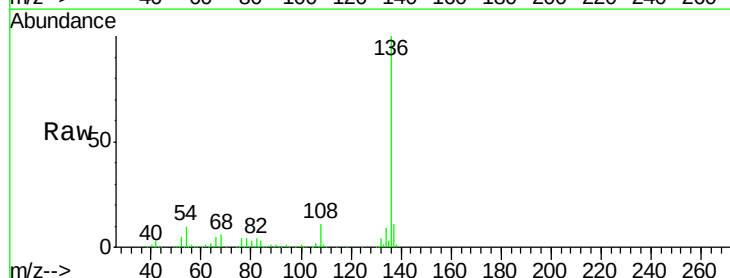
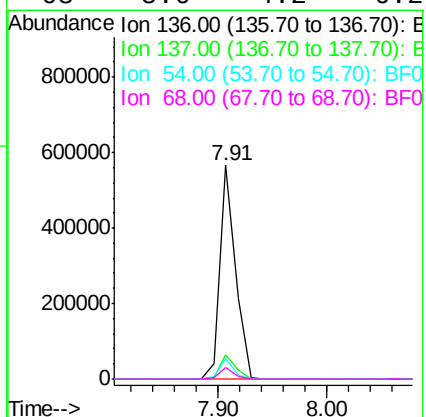
Ion Ratio Lower Upper

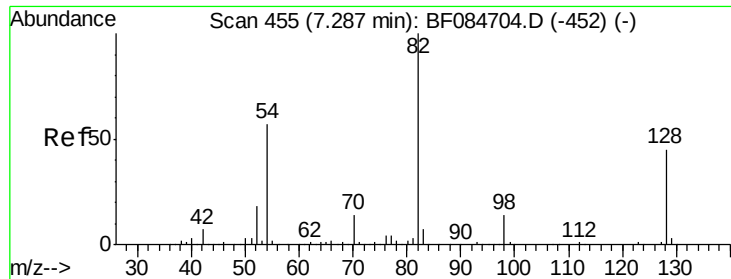
136 100

137 11.5 8.7 13.1

54 9.7 5.8 8.8#

68 5.6 4.2 6.2





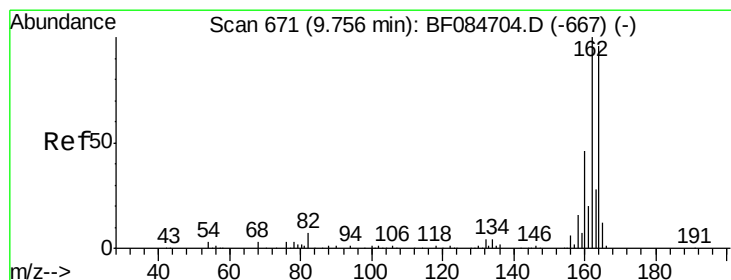
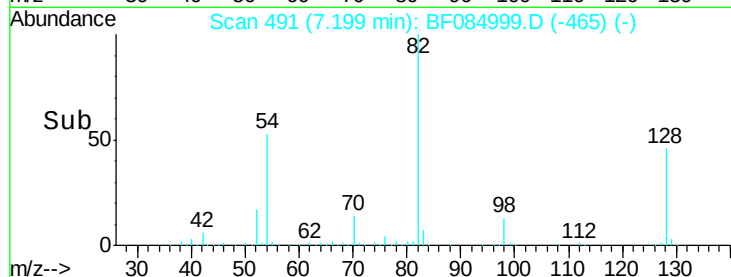
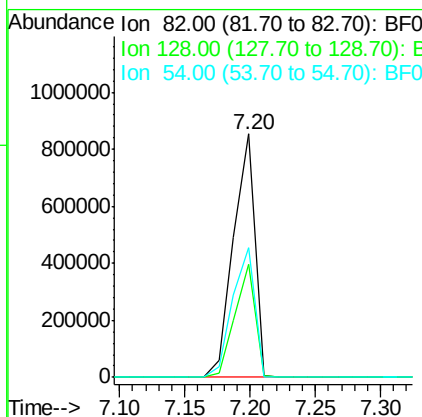
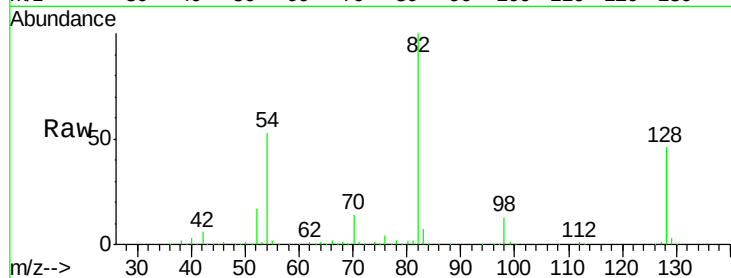
#23
 Nitrobenzene-d5
 Concen: 96.38 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Instrument :
 BNA_F
 ClientSampled :
 S4-B018(10-12)

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.3	34.6	51.8
54	53.5	38.4	57.6

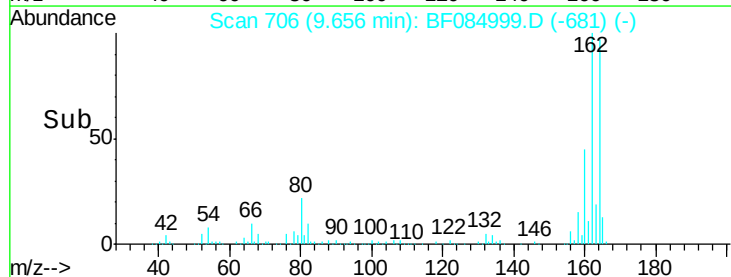
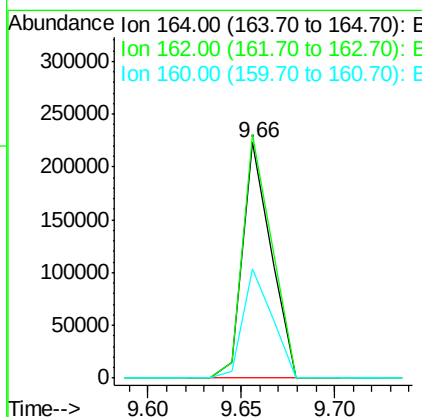
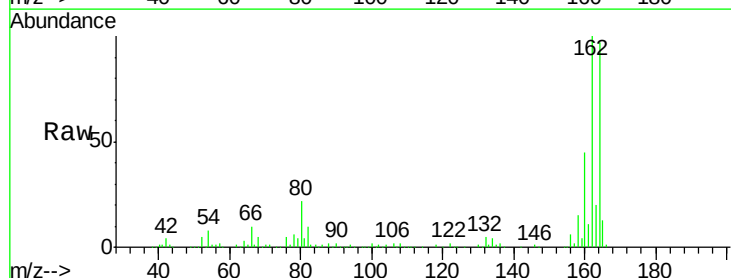
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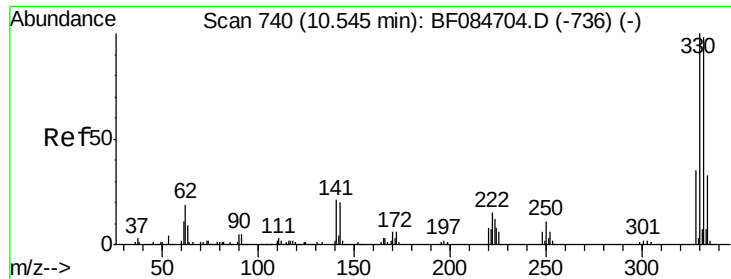
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.4	85.1	127.7
160	46.7	37.5	56.3





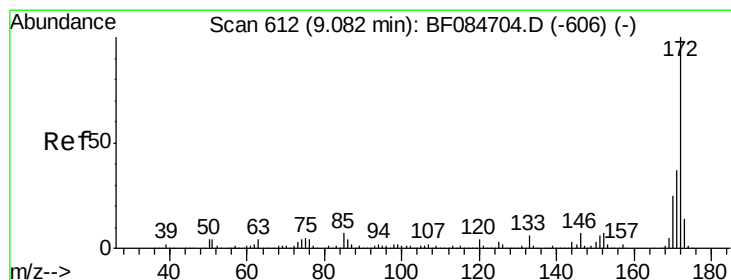
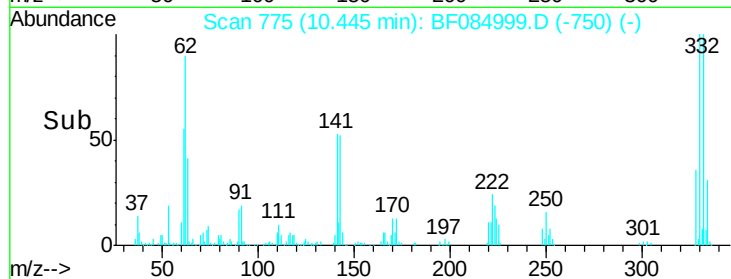
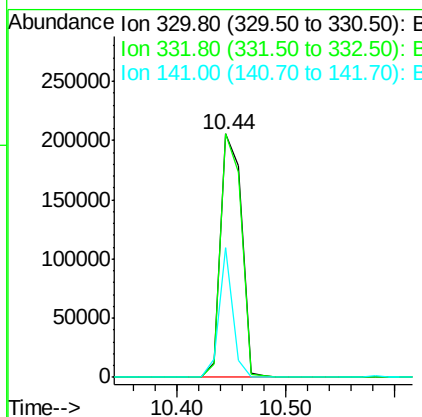
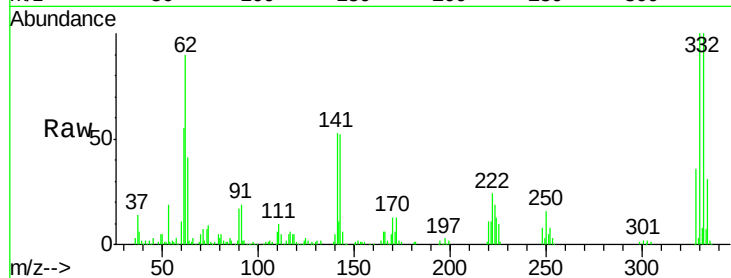
#41
 2,4,6-Tribromophenol
 Concen: 112.58 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	276359		
332	98.4	76.6	114.8	
141	35.1	27.8	41.6	

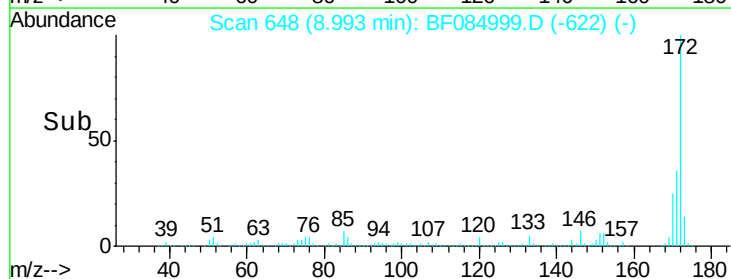
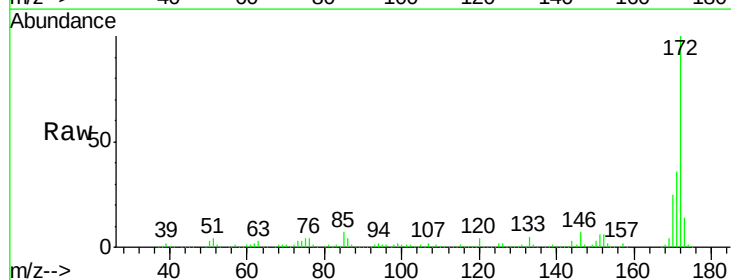
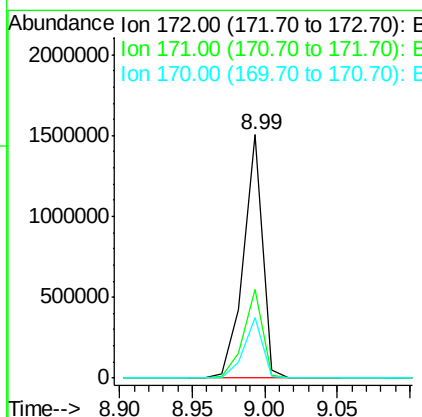
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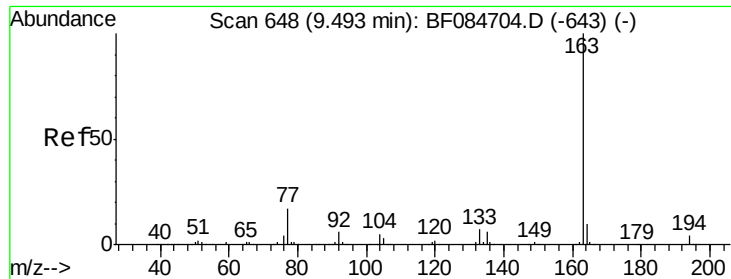
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#44
 2-Fluorobiphenyl
 Concen: 107.80 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1371334		
171	36.5	28.9	43.3	
170	25.0	18.6	27.8	





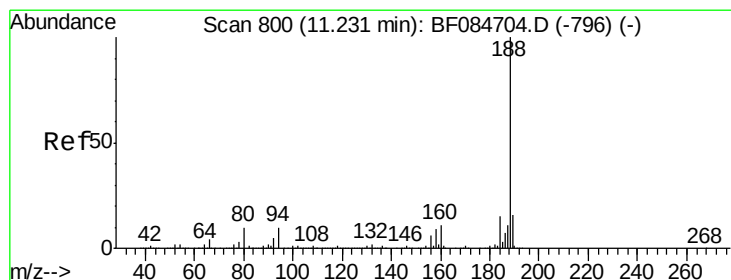
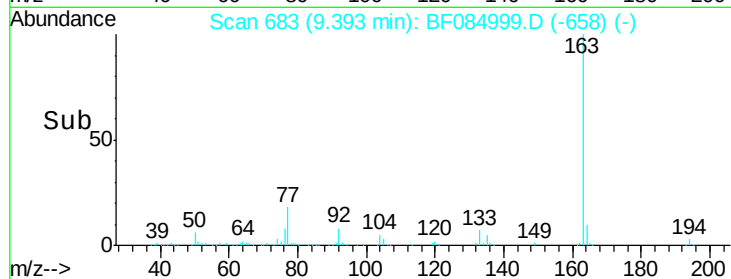
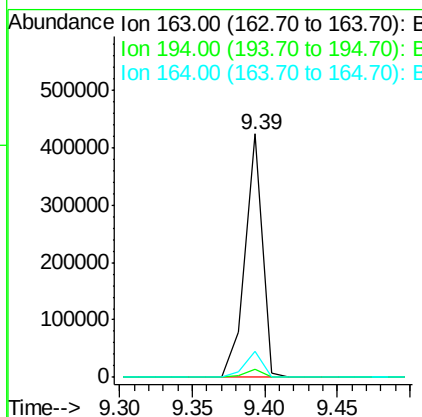
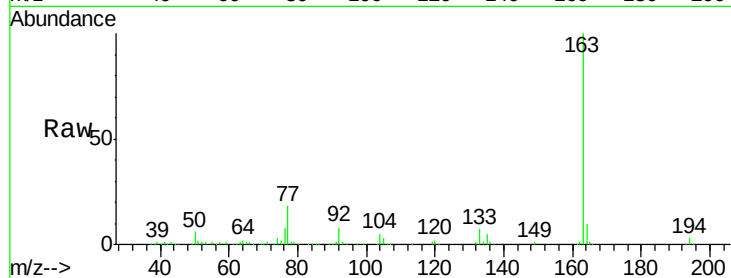
#49
Dimethylphthalate
Concen: 19.63 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084999.D
Acq: 10 Feb 2016 18:08

Instrument :
BNA_F
ClientSampleId :
S4-B018(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	351873		
194	3.4	8.0	12.0#	
164	10.5	8.0	12.0	

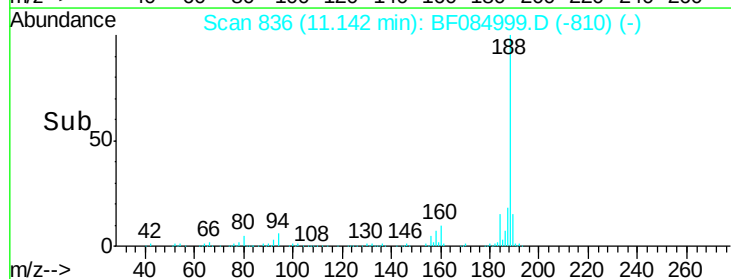
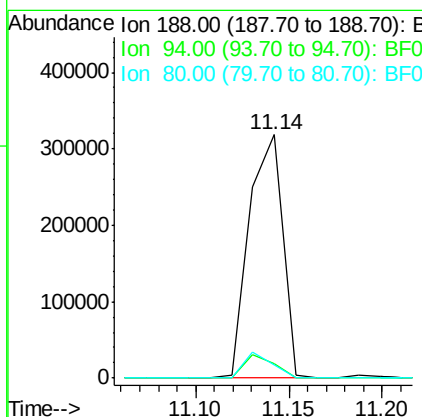
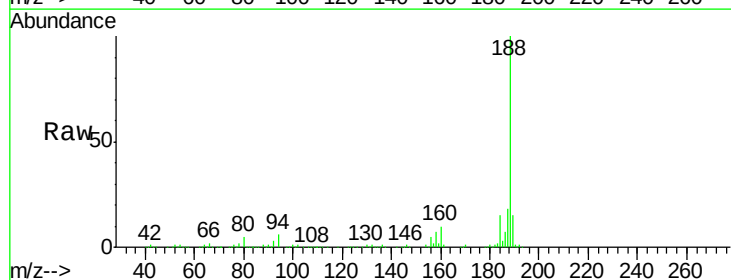
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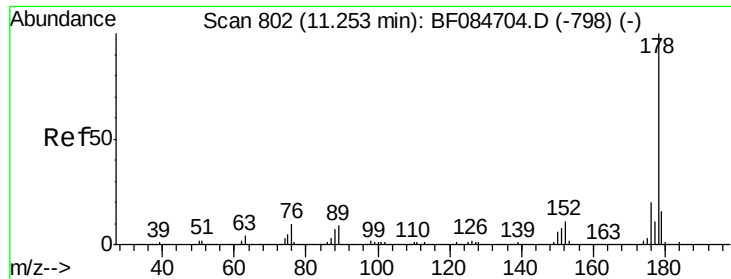
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF084999.D
Acq: 10 Feb 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	395391		
94	6.0	9.0	13.4#	
80	5.3	9.6	14.4#	





#70

Phenanthrene

Concen: 4.77 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF084999.D

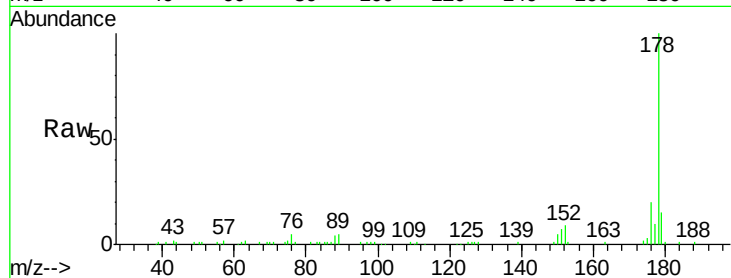
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Instrument :

BNA_F

ClientSampleId :

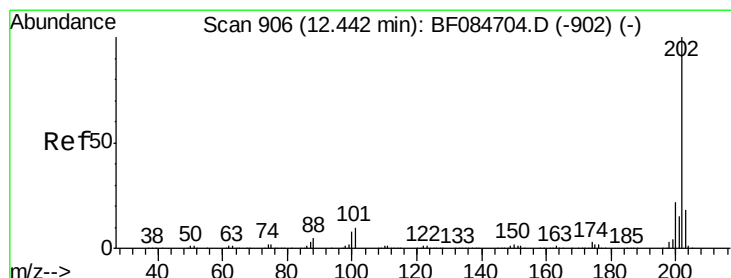
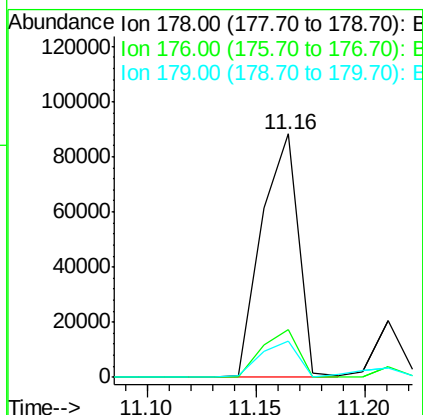
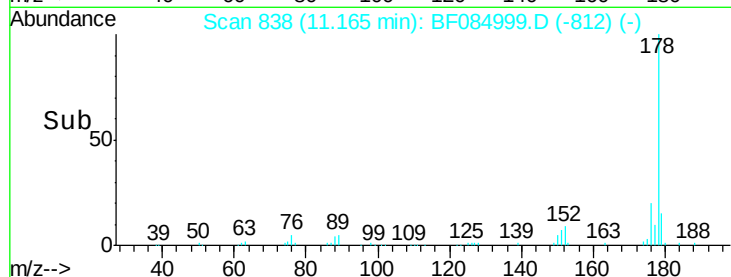
S4-B018(10-12)



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	14.9	12.0	18.0

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#74

Fluoranthene

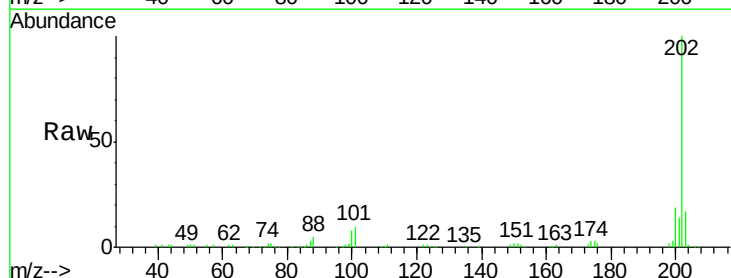
Concen: 4.55 ng

RT: 12.34 min Scan# 941

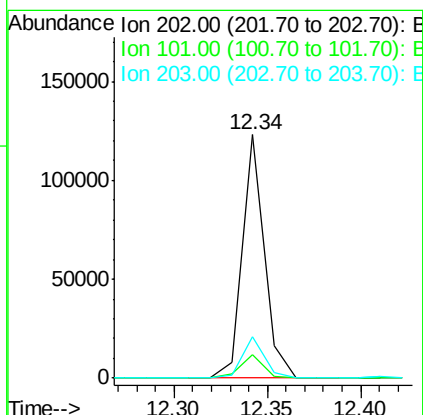
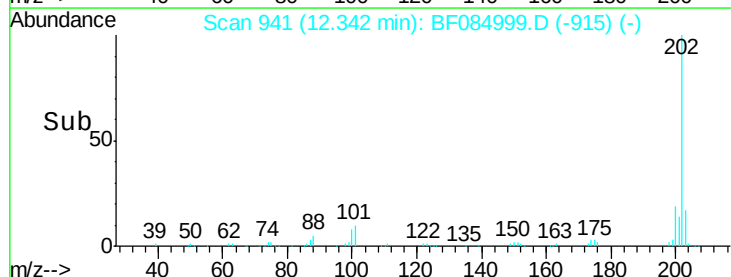
Delta R.T. -0.00 min

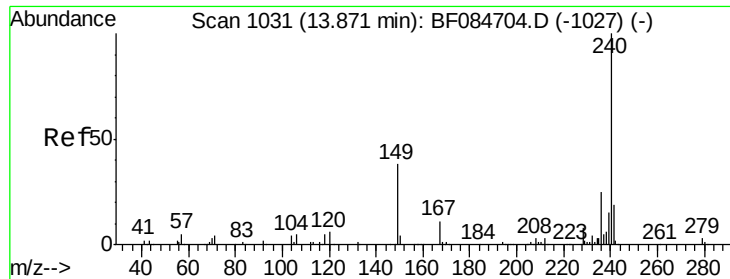
Lab File: BF084999.D

Acq: 10 Feb 2016 18:08



Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.8
203	17.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF084999.D

Acq: 10 Feb 2016 18:08

Instrument :

BNA_F

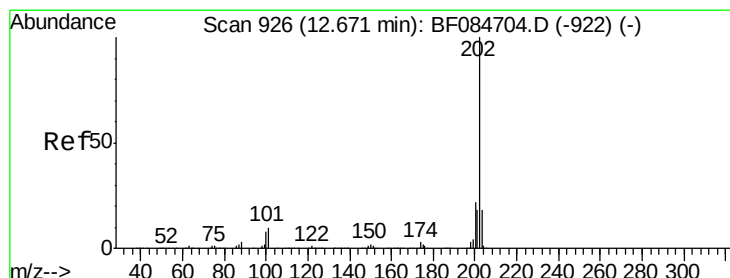
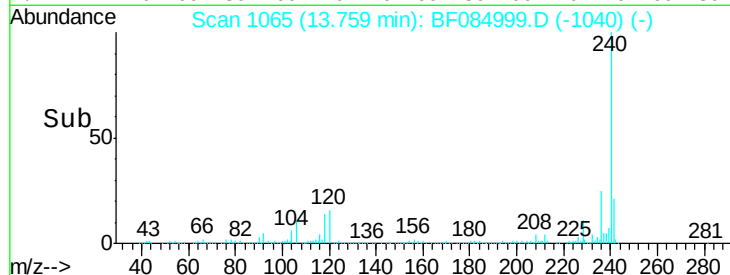
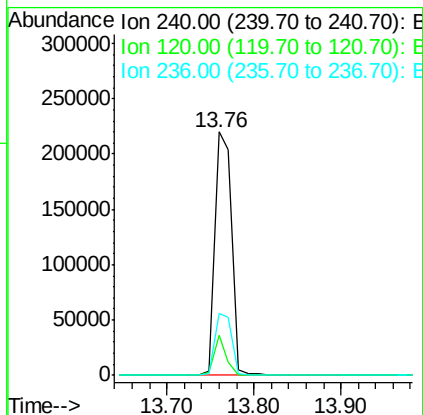
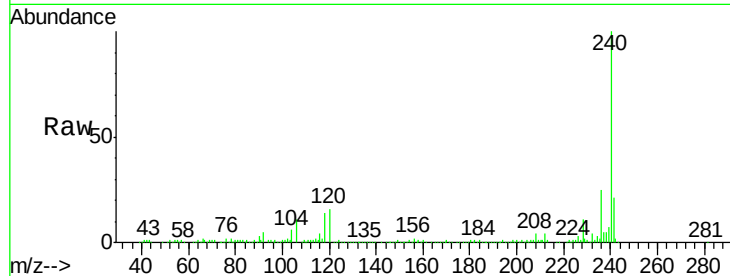
ClientSampleId :

S4-B018(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	300602		
120	16.4	9.5	14.3#	
236	25.3	20.6	31.0	

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#77

Pyrene

Concen: 3.78 ng

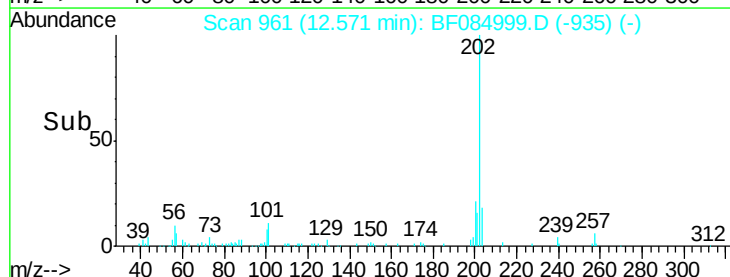
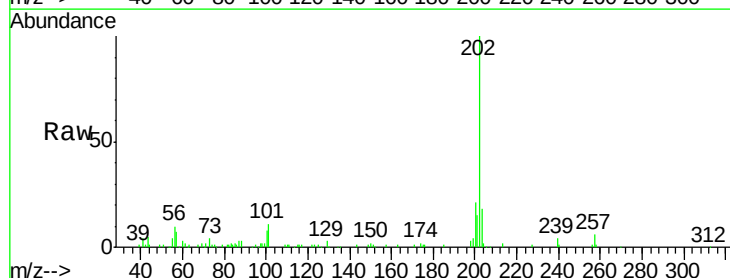
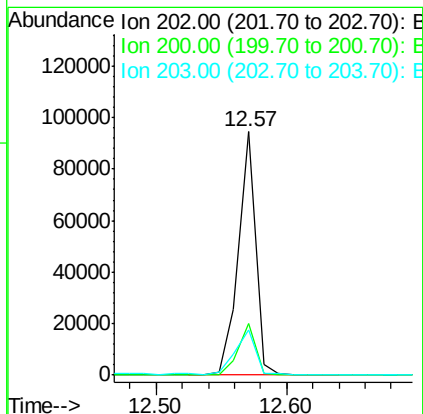
RT: 12.57 min Scan# 961

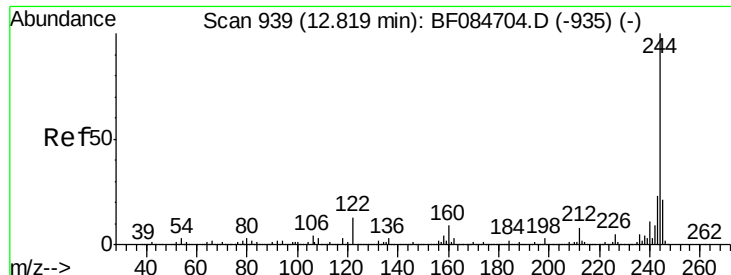
Delta R.T. -0.00 min

Lab File: BF084999.D

Acq: 10 Feb 2016 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	86907		
200	21.0	17.2	25.8	
203	18.4	14.3	21.5	





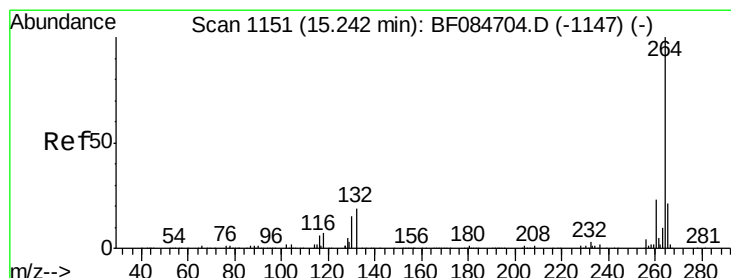
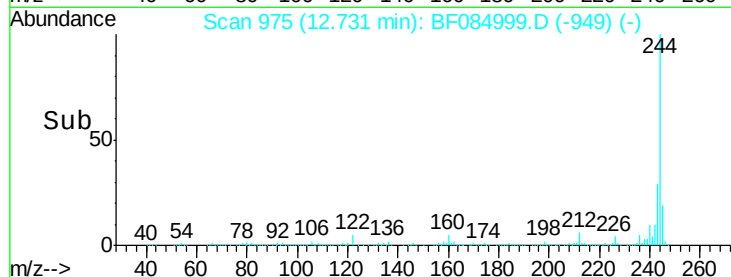
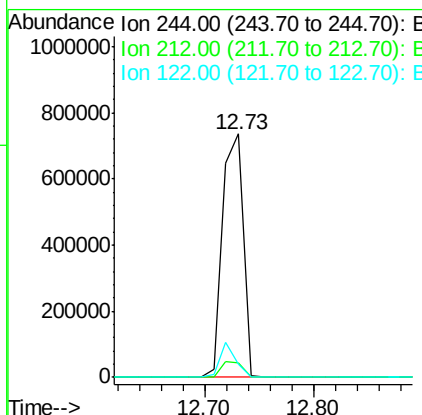
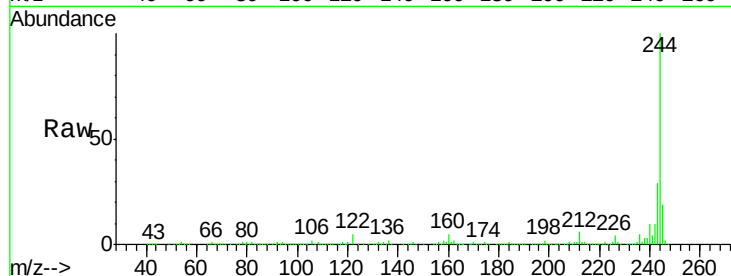
#78
 Terphenyl-d14
 Concen: 73.35 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	5.7	8.5
122	5.3	7.4	11.0#

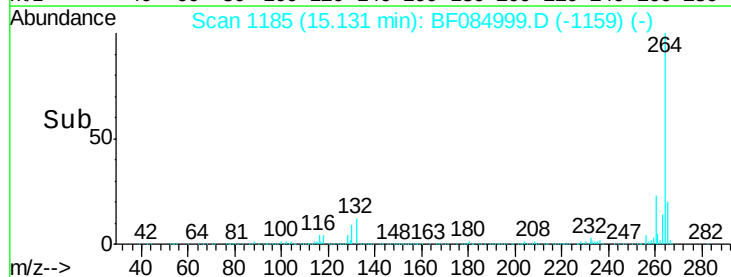
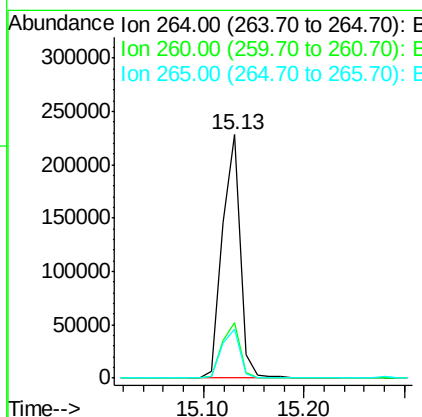
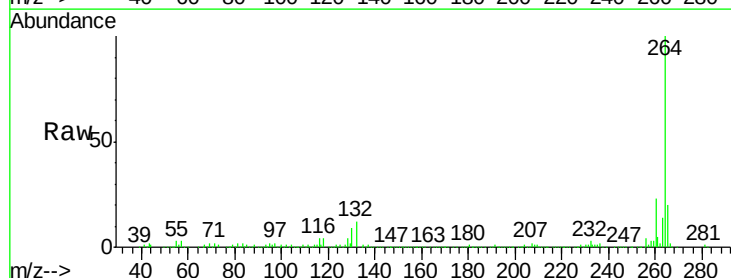
Manual Integrations
 APPROVED

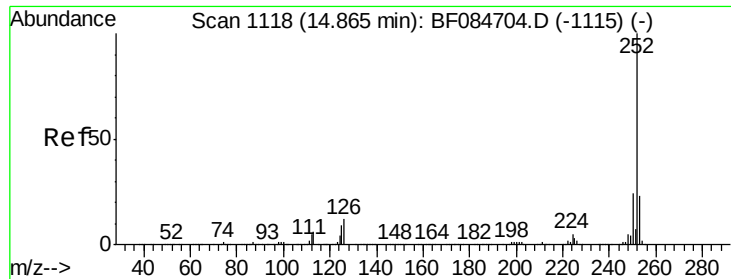
UMANGI
 2/11/2016 10:46:51 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.0	19.4	29.2
265	20.3	17.8	26.6





#87
 Benzo(b)fluoranthene
 Concen: 2.06 ng m
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF084999.D
 Acq: 10 Feb 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(10-12)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.3	25.9
125	13.2	6.5	9.7

Manual Integrations
 APPROVED

UMANGI
 2/11/2016 10:46:51 AM

