

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084881.D
 Acq On : 6 Feb 2016 1:10
 Operator : SJ/IZ
 Sample : H1311-14 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(0-2)

Manual Integrations
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 2/8/2016 3:03:10 PM

Quant Time: Feb 06 03:58:44 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	6.66	152	165111	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	679053	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	300627	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	545734	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	368612	20.00	ng	-0.03
86) Perylene-d12	15.17	264	325428	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	208839	19.70	ng	-0.03
7) Phenol-d6	6.30	99	277422	21.11	ng	-0.03
23) Nitrobenzene-d5	7.23	82	149132	12.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	57691	18.40	ng	-0.05
44) 2-Fluorobiphenyl	9.02	172	284254	11.52	ng	-0.03
78) Terphenyl-d14	12.75	244	215901	13.27	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	59964	2.62	ng	# 90
70) Phenanthrene	11.20	178	241001	7.96	ng	99
74) Fluoranthene	12.37	202	215492	7.03	ng	97
77) Pyrene	12.60	202	167232	5.93	ng	98
80) Benzo(a)anthracene	13.79	228	89466	3.91	ng	97
82) Chrysene	13.83	228	60344	2.72	ng	97
87) Benzo(b)fluoranthene	14.80	252	70754m	3.24	ng	
89) Benzo(a)pyrene	15.12	252	47548	2.55	ng	97

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

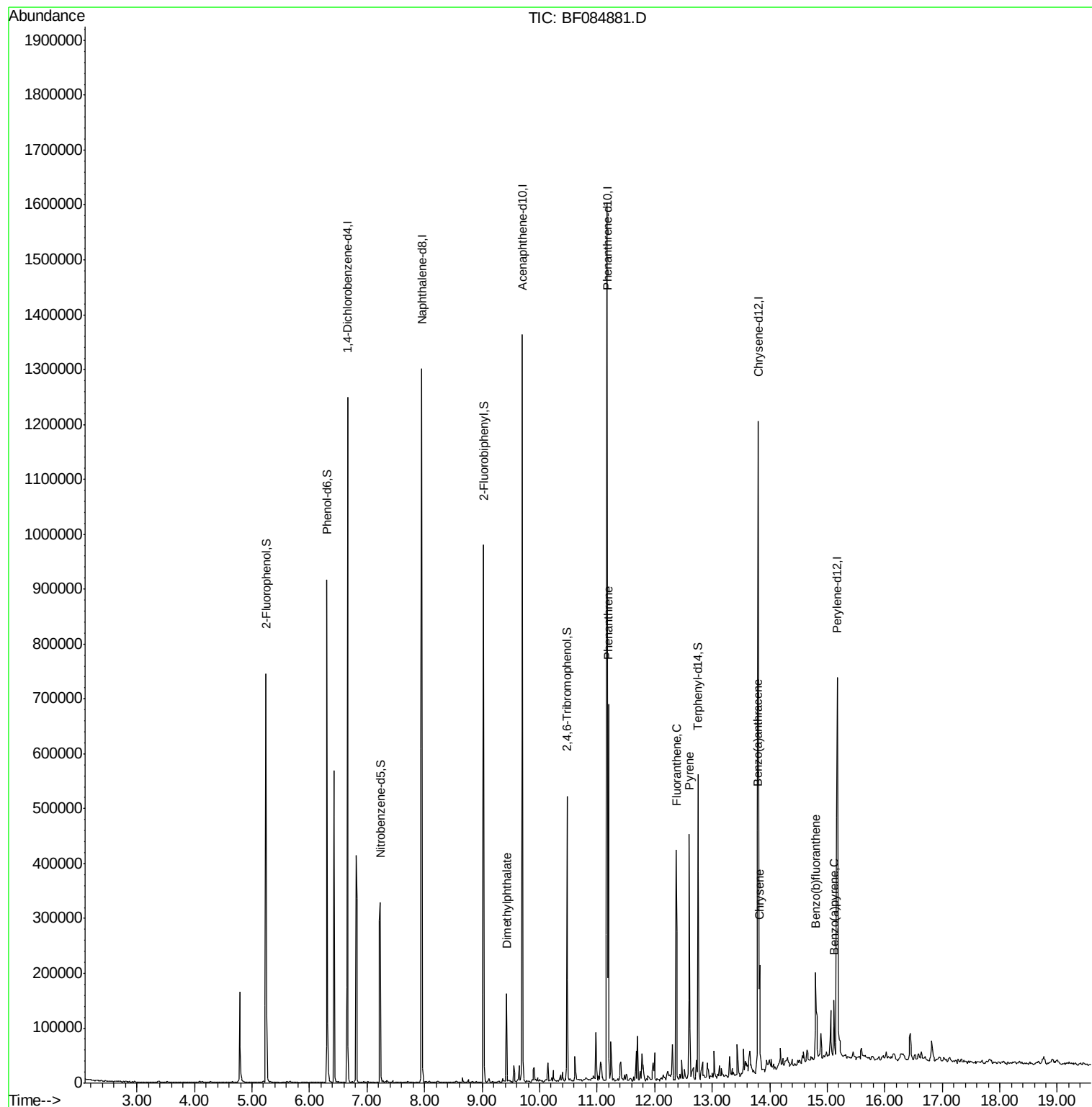
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Operator : SJ/IZ
Sample : H1311-14 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

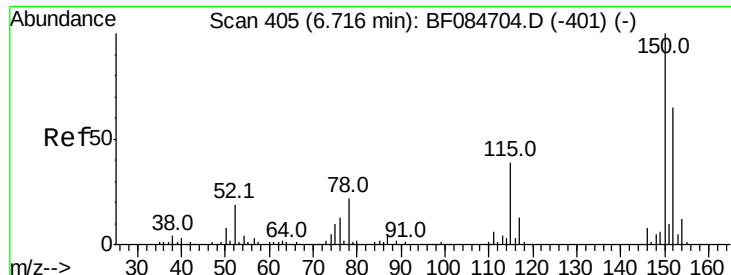
Instrument :
BNA_F
ClientSampleId :
SUP-B008(0-2)

Manual Integrations
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Quant Time: Feb 06 03:58:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Instrument :

BNA_F

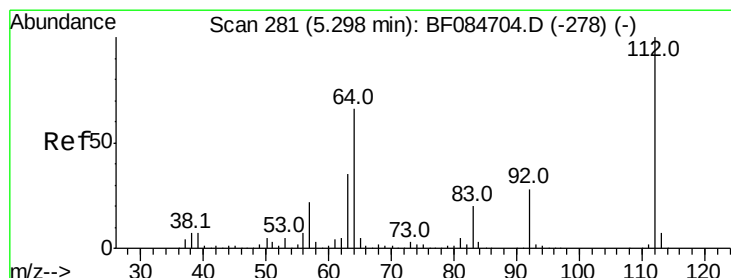
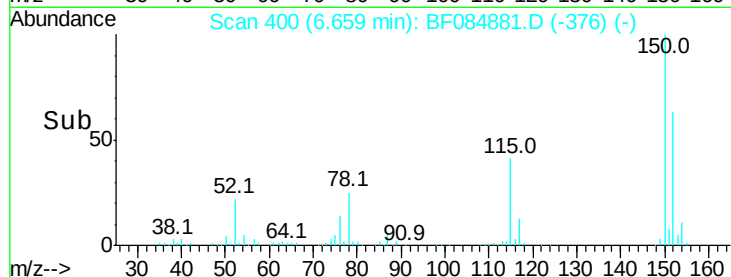
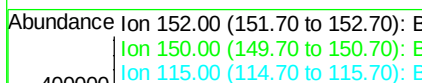
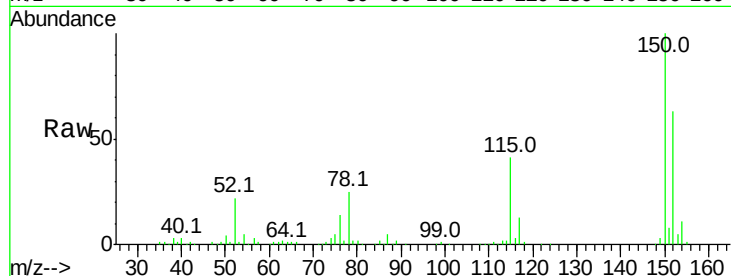
ClientSampleId :

SUP-B008(0-2)

Tot Ion:	152	Resp:	165111
Ion Ratio	Lower	Upper	
152	100		
150	159.6	123.0	184.4
115	65.5	51.4	77.2

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#5

2-Fluorophenol

Concen: 19.70 ng

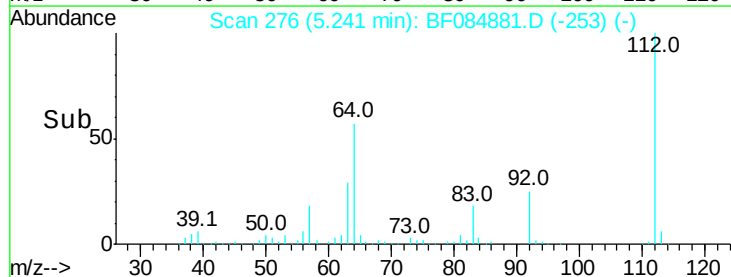
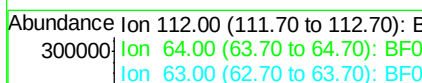
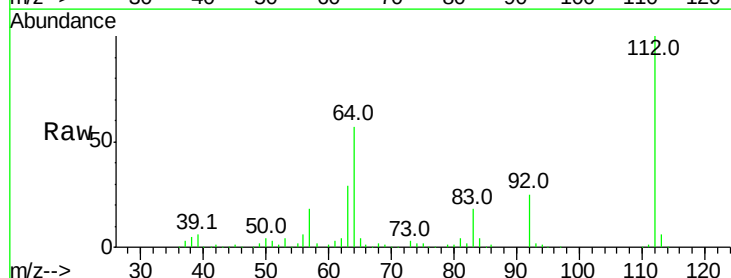
RT: 5.24 min Scan# 276

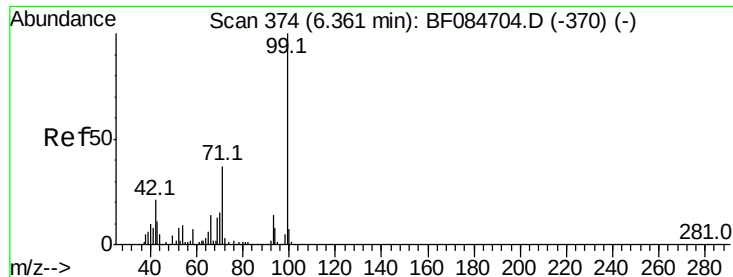
Delta R.T. -0.03 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Tgt Ion:	112	Resp:	208839
Ion Ratio	Lower	Upper	
112	100		
64	56.7	36.6	55.0#
63	28.9	19.4	29.0





#7

Phenol-d6

Concen: 21.11 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Instrument :

BNA_F

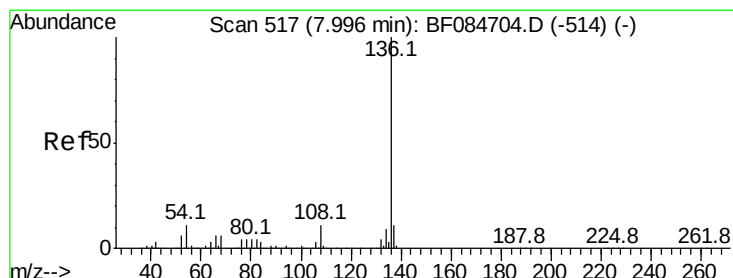
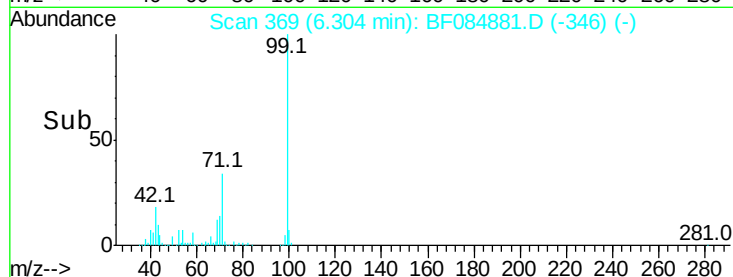
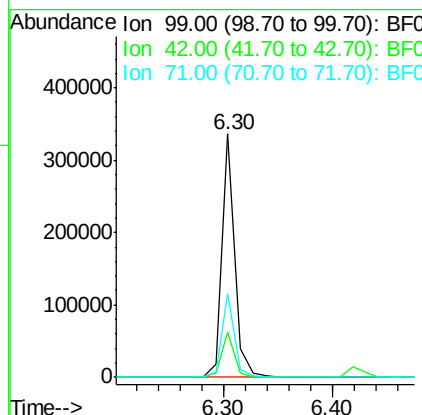
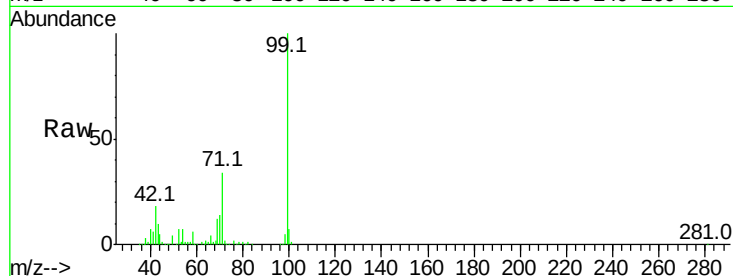
ClientSampleId :

SUP-B008(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		277422		
42	18.3	12.8	19.2		
71	34.3	30.9	46.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

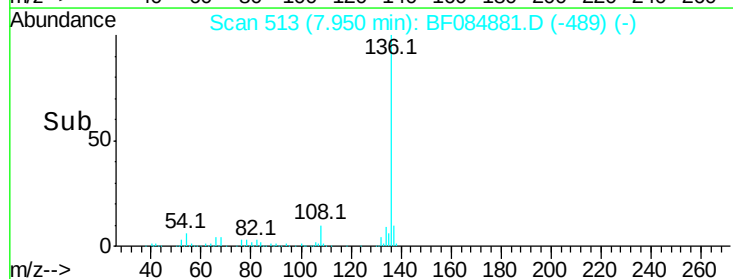
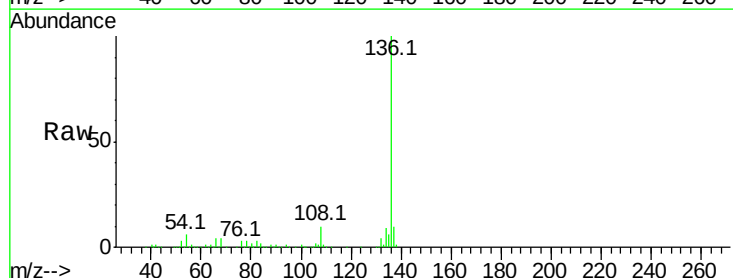
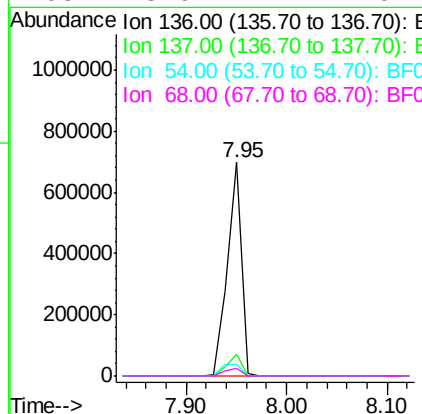
RT: 7.95 min Scan# 513

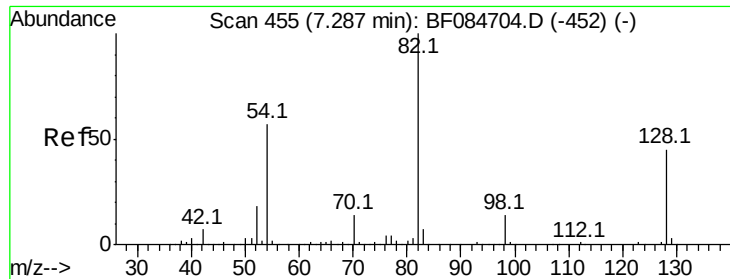
Delta R.T. -0.02 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		679053		
137	10.3	8.7	13.1		
54	5.6	5.8	8.8#		
68	3.6	4.2	6.2#		





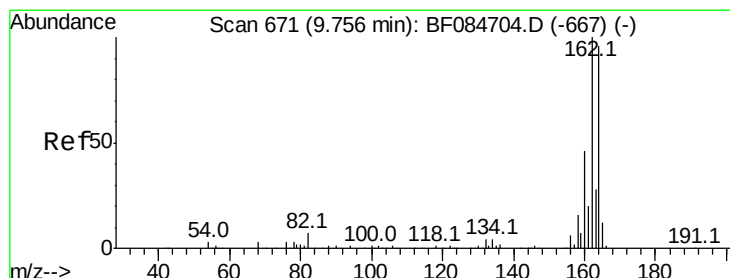
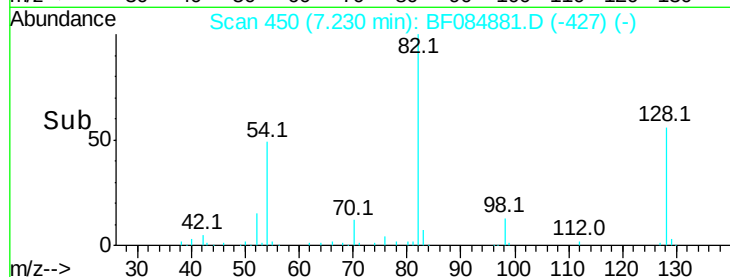
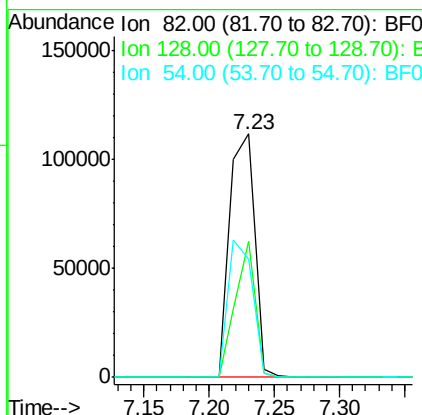
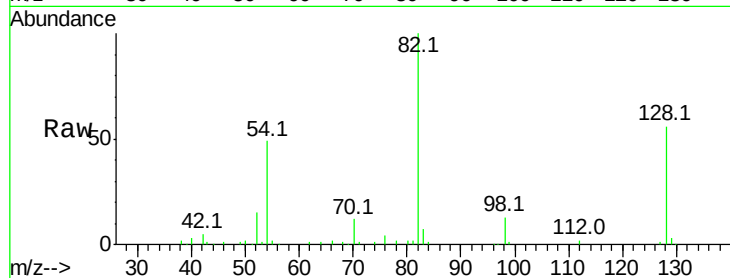
#23
Nitrobenzene-d5
Concen: 12.37 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Instrument :
BNA_F
ClientSampleId :
SUP-B008(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.8	34.6	51.8#
54	48.5	38.4	57.6

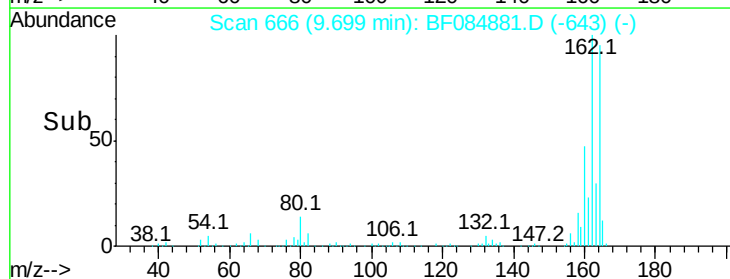
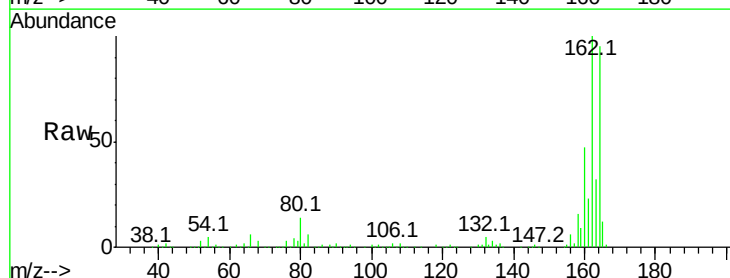
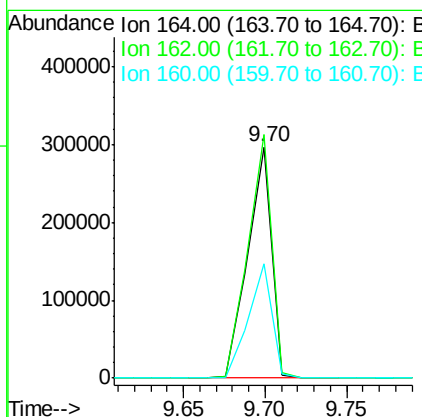
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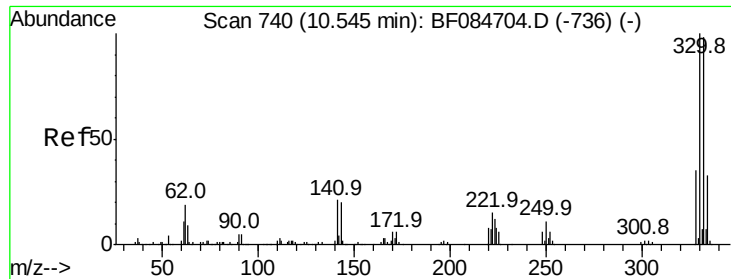
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	49.3	37.5	56.3





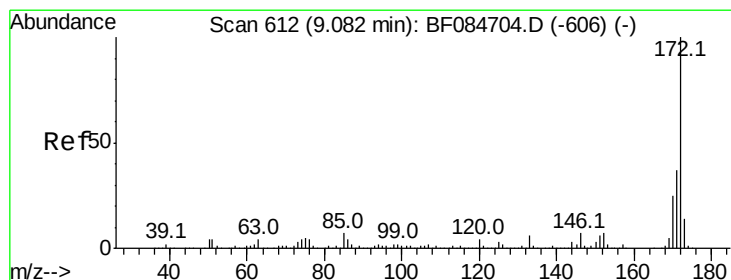
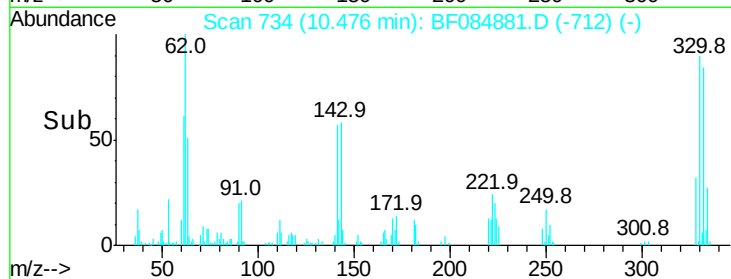
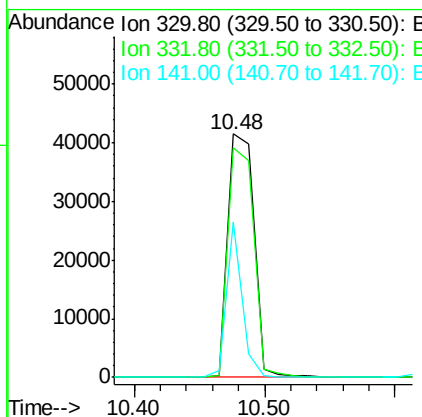
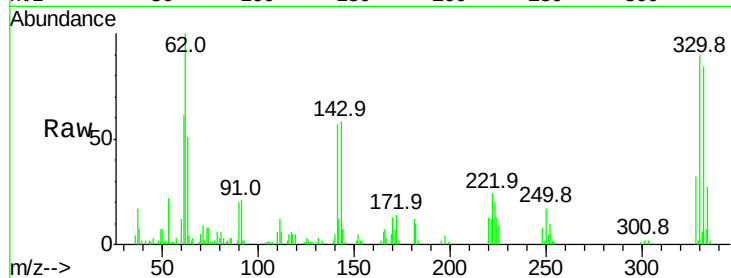
#41
 2,4,6-Tribromophenol
 Concen: 18.40 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF084881.D
 Acq: 6 Feb 2016 1:10

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	57691		
332	93.6		76.6	114.8
141	38.2		27.8	41.6

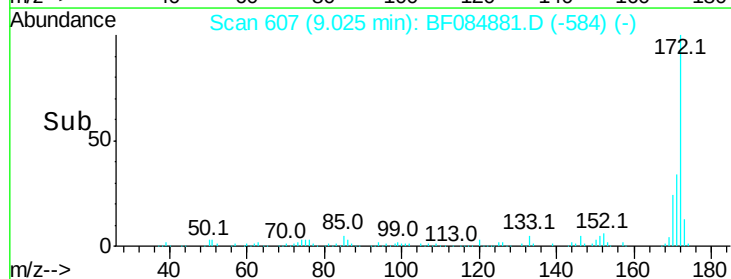
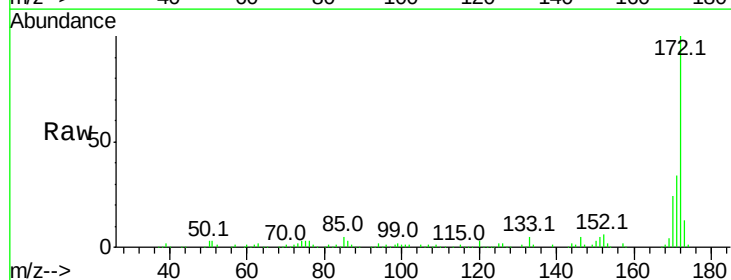
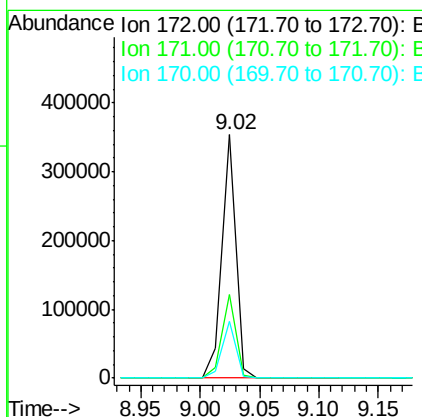
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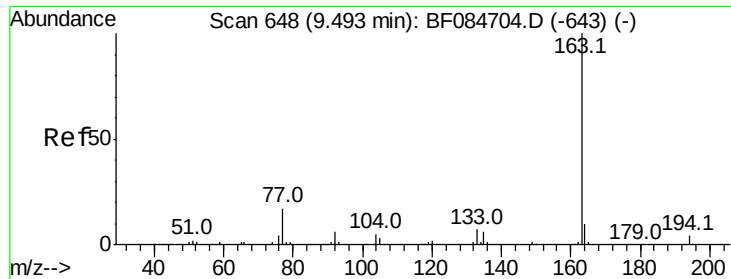
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#44
 2-Fluorobiphenyl
 Concen: 11.52 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084881.D
 Acq: 6 Feb 2016 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	284254		
171	34.4		28.9	43.3
170	23.6		18.6	27.8





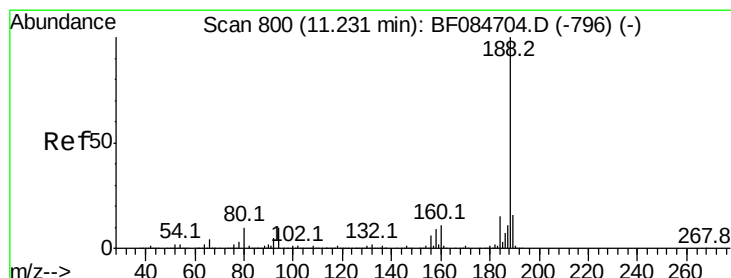
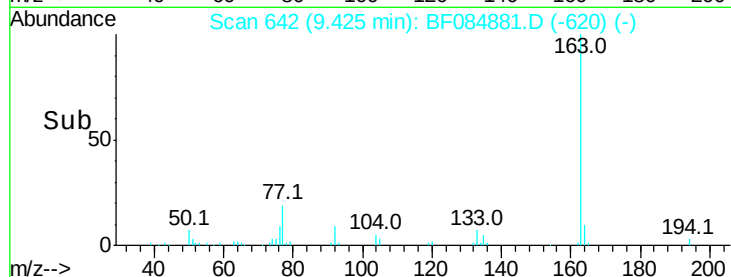
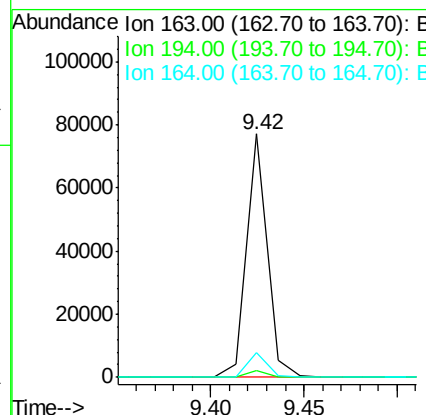
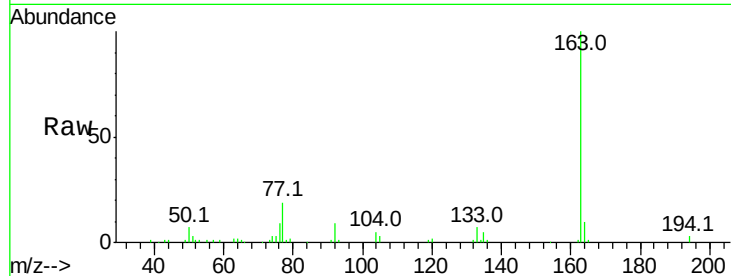
#49
Dimethylphthalate
Concen: 2.62 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Instrument :
BNA_F
ClientSampleId :
SUP-B008(0-2)

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	2.8	8.0	12.0#
164	9.9	8.0	12.0

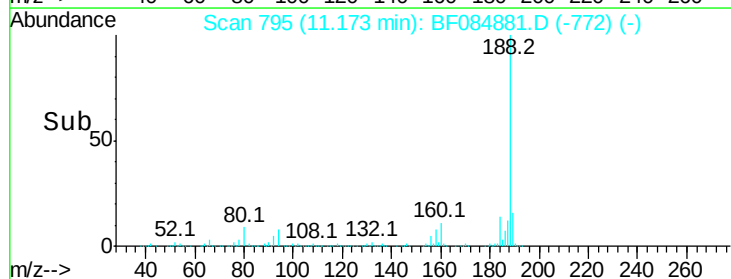
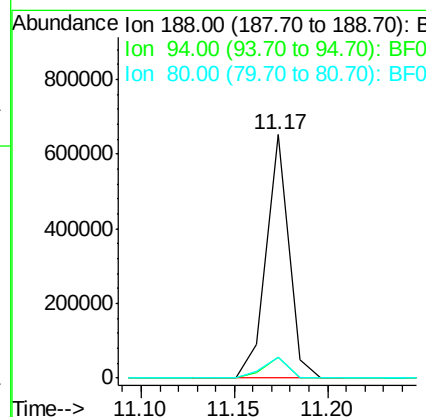
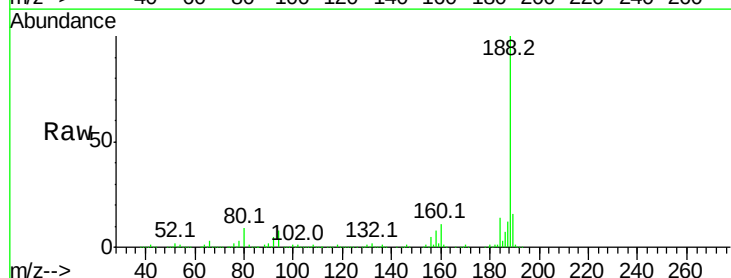
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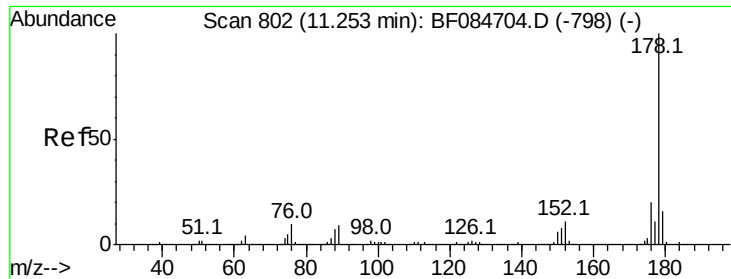
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.7	9.6	14.4#





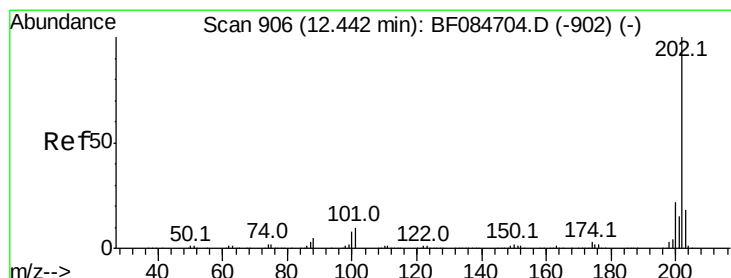
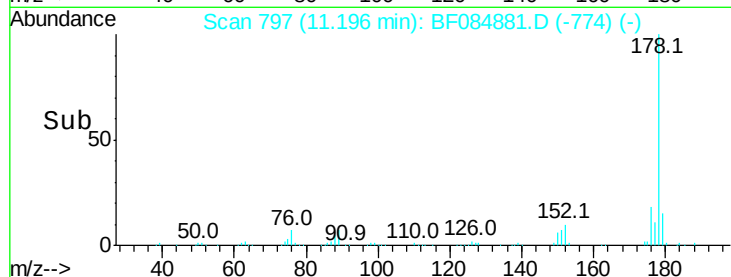
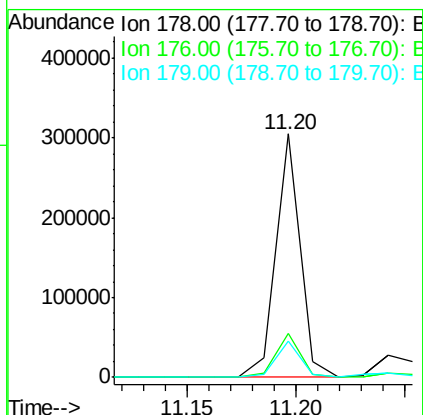
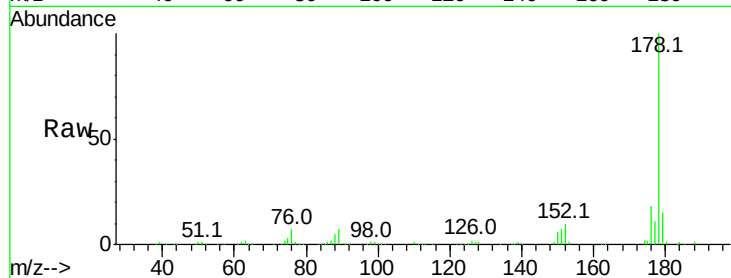
#70
Phenanthrene
Concen: 7.96 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Instrument :
BNA_F
ClientSampleId :
SUP-B008(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.1	12.0	18.0

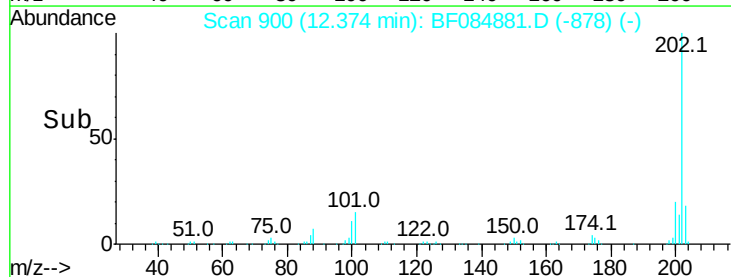
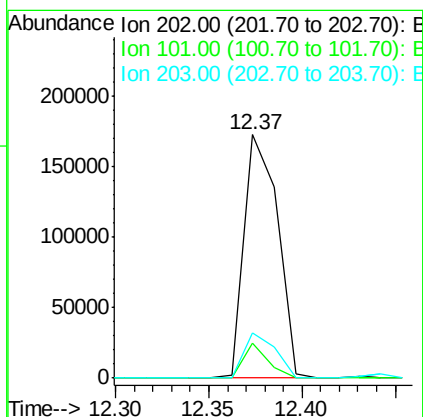
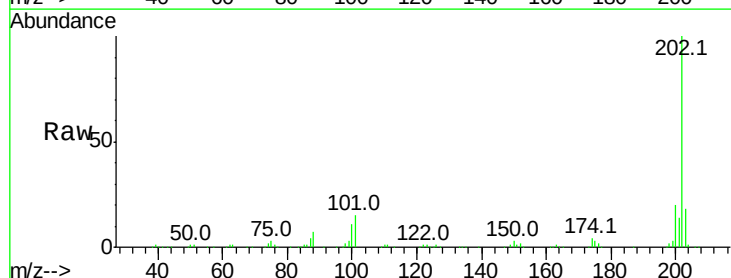
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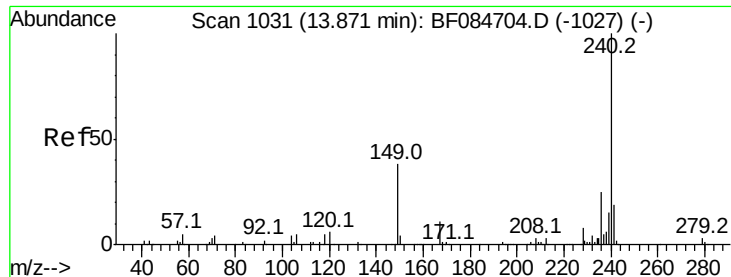
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#74
Fluoranthene
Concen: 7.03 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	32.8
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Instrument :

BNA_F

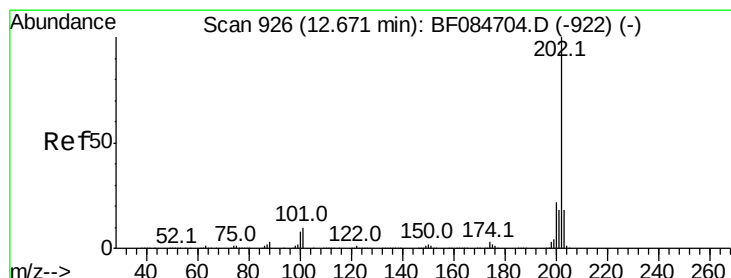
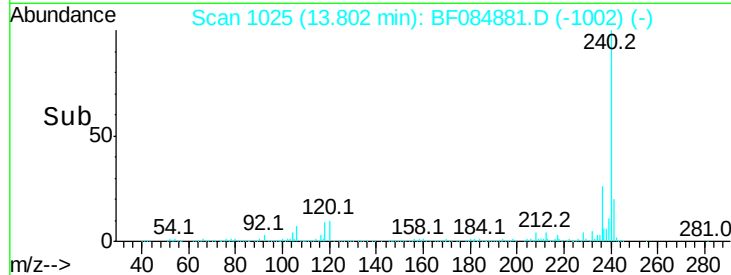
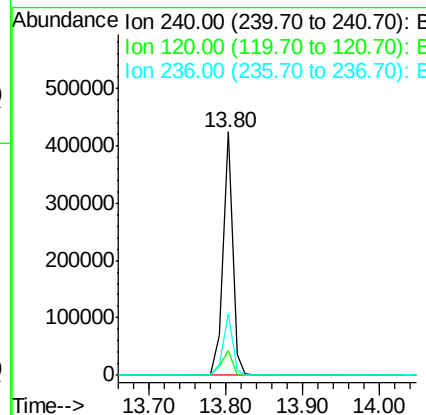
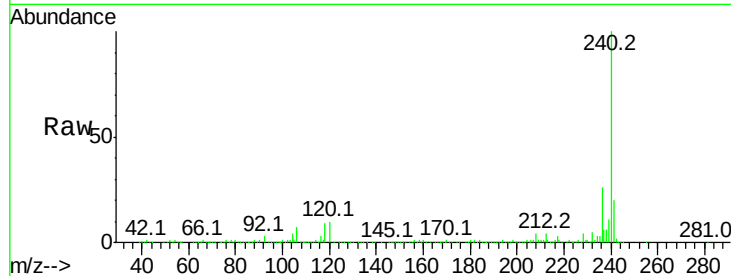
ClientSampleId :

SUP-B008(0-2)

Tot Ion:	240	Resp:	368612
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.7	20.6	31.0

Manual Integrations
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#77

Pyrene

Concen: 5.93 ng

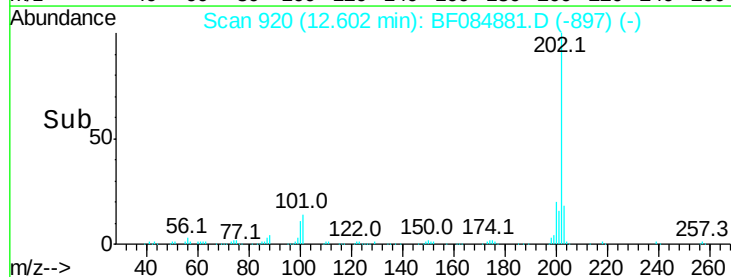
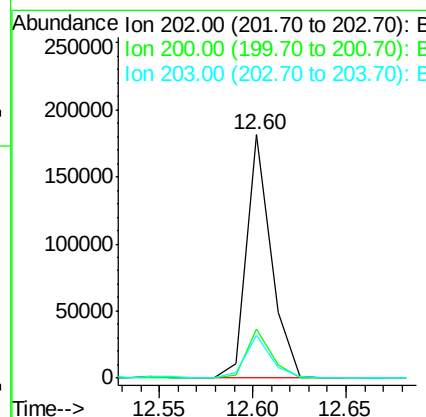
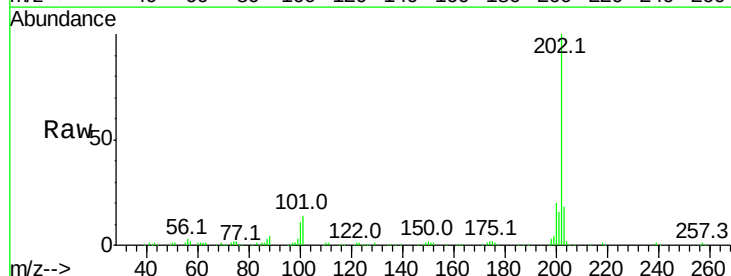
RT: 12.60 min Scan# 920

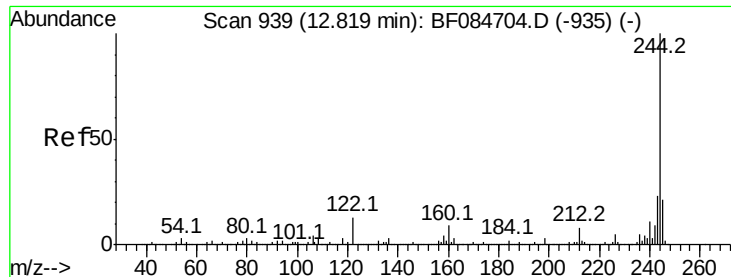
Delta R.T. -0.03 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Tgt Ion:	202	Resp:	167232
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.2	25.8
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 13.27 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Instrument :

BNA_F

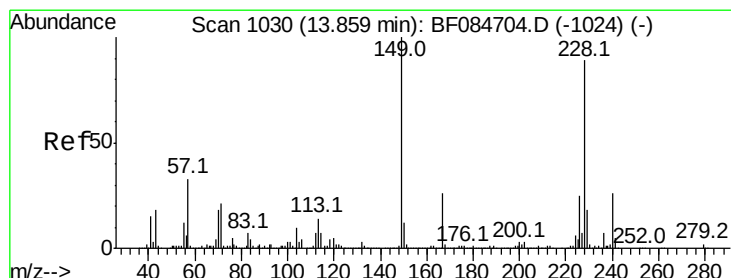
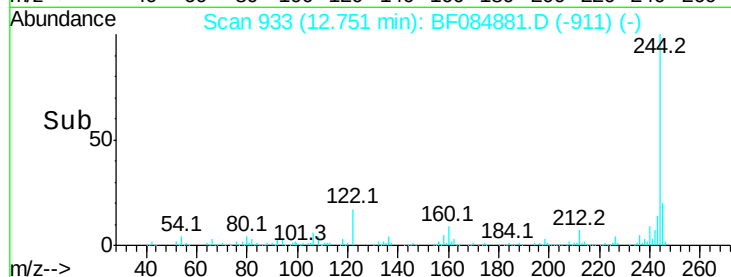
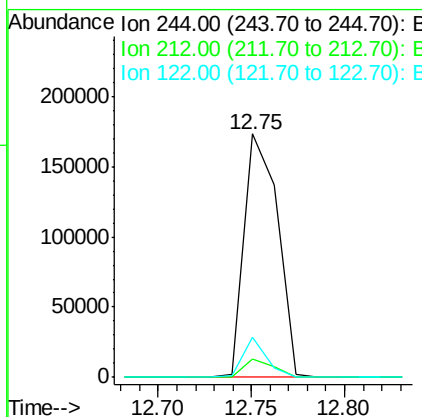
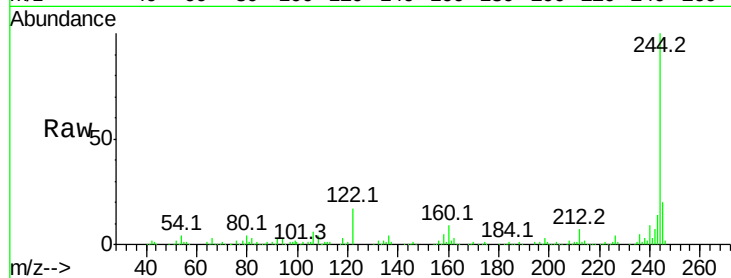
ClientSampleId :

SUP-B008(0-2)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.7	8.5
122	16.6	7.4	11.0

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#80

Benzo(a)anthracene

Concen: 3.91 ng

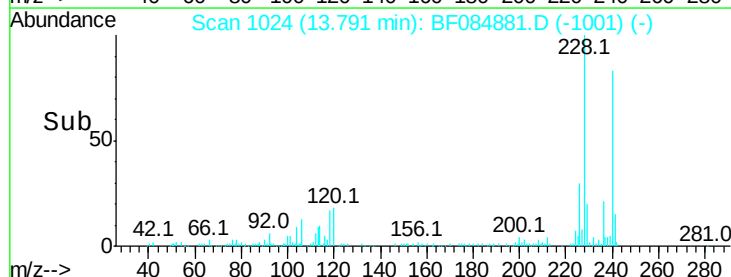
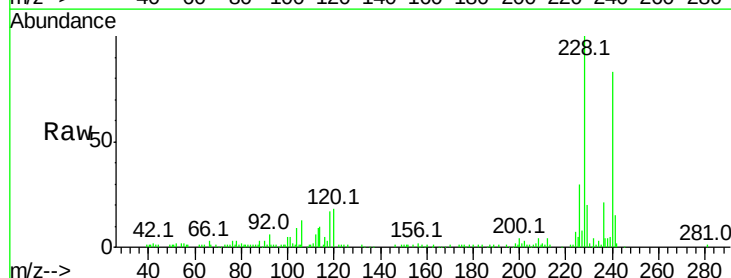
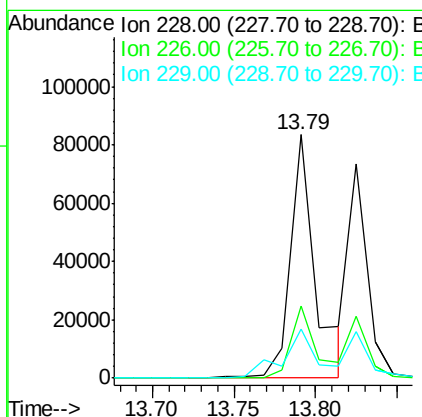
RT: 13.79 min Scan# 1024

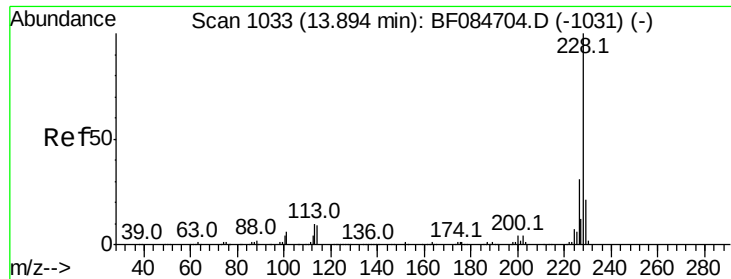
Delta R.T. -0.03 min

Lab File: BF084881.D

Acq: 6 Feb 2016 1:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	21.8	32.6
229	20.1	15.8	23.8





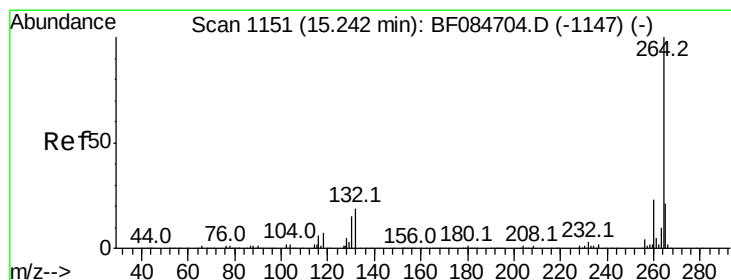
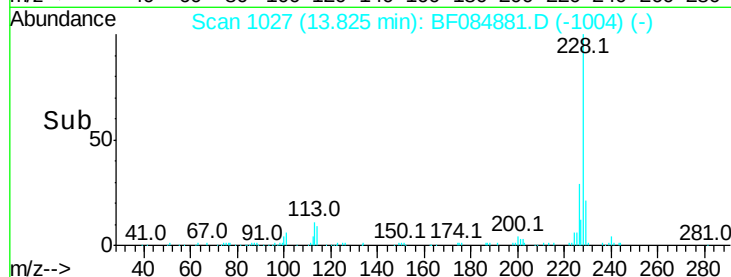
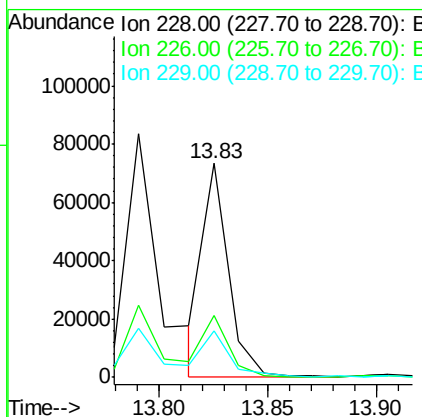
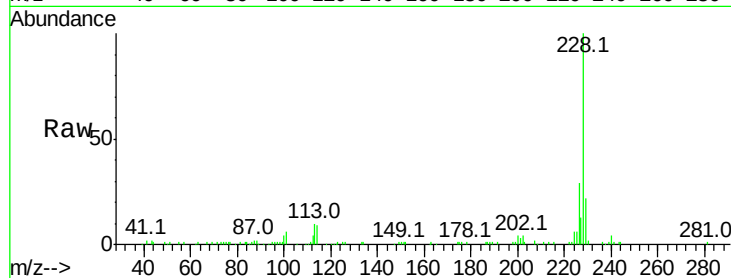
#82
Chrysene
Concen: 2.72 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Instrument :
BNA_F
ClientSampleId :
SUP-B008(0-2)

Tot Ion:	228	Resp:	60344
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.3	36.5
229	21.8	16.1	24.1

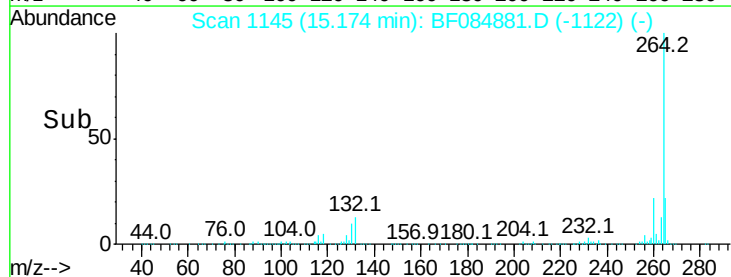
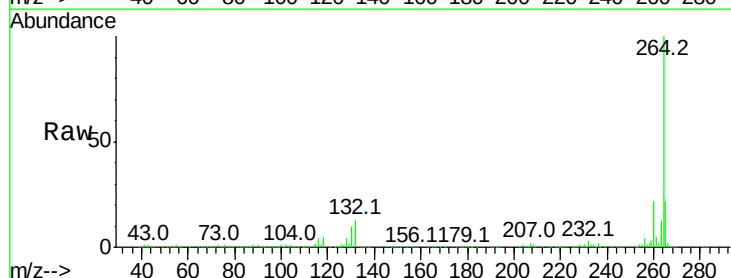
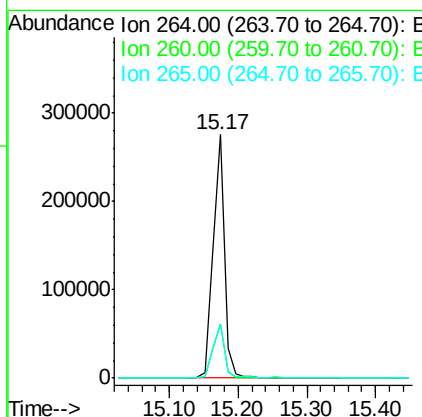
Manual Integrations
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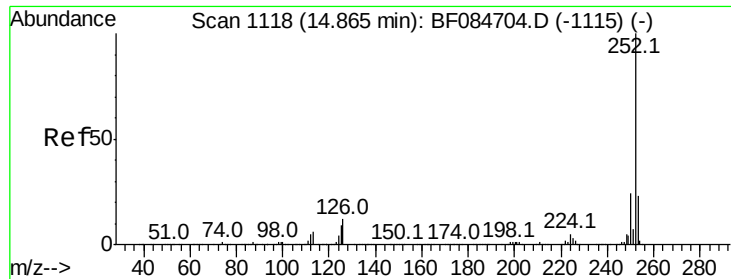
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Tgt Ion:	264	Resp:	325428
Ion Ratio	Lower	Upper	
264	100		
260	22.3	19.4	29.2
265	22.1	17.8	26.6





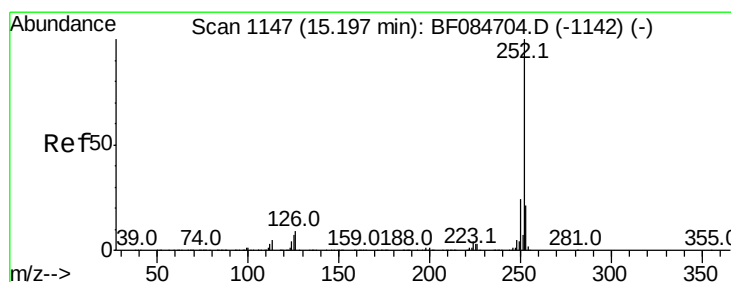
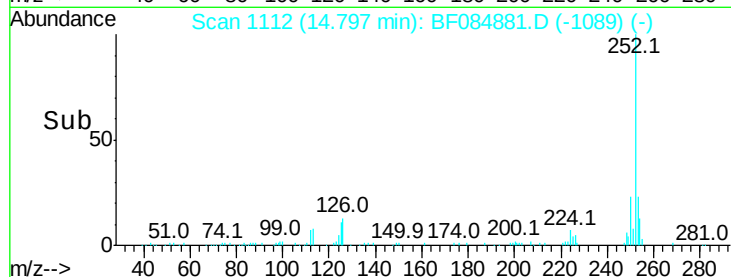
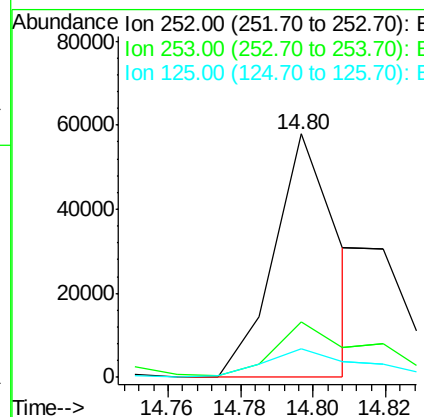
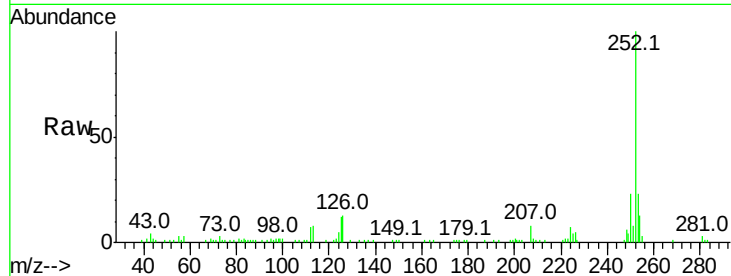
#87
Benzo(b)fluoranthene
Concen: 3.24 ng m
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Instrument :
BNA_F
ClientSampleId :
SUP-B008(0-2)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.7	6.5	9.7

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.55 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084881.D
Acq: 6 Feb 2016 1:10

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.3	25.9
125	8.4	7.0	10.4

