

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084883.D
 Acq On : 6 Feb 2016 2:05
 Operator : SJ/IZ
 Sample : H1311-11 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(0-2)

Manual Integrations
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Quant Time: Feb 06 04:07:45 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	182069	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	737587	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	326735	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	577205	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	402596	20.00	ng	-0.03
86) Perylene-d12	15.17	264	335437	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	578500	49.49	ng	-0.03
7) Phenol-d6	6.30	99	684573	47.24	ng	-0.03
23) Nitrobenzene-d5	7.23	82	520482	39.75	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	167675	49.20	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	658614	27.06	ng	-0.03
78) Terphenyl-d14	12.76	244	470439	26.48	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.42	163	133171	5.35	ng	Qvalue # 90
70) Phenanthrene	11.20	178	195533	6.11	ng	99
74) Fluoranthene	12.37	202	182651	5.64	ng	99
77) Pyrene	12.60	202	182383	5.92	ng	99
80) Benzo(a)anthracene	13.79	228	78541	3.14	ng	98
82) Chrysene	13.83	228	50932	2.10	ng	97
87) Benzo(b)fluoranthene	14.80	252	60664m	2.69	ng	
89) Benzo(a)pyrene	15.12	252	46857	2.44	ng	# 97

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

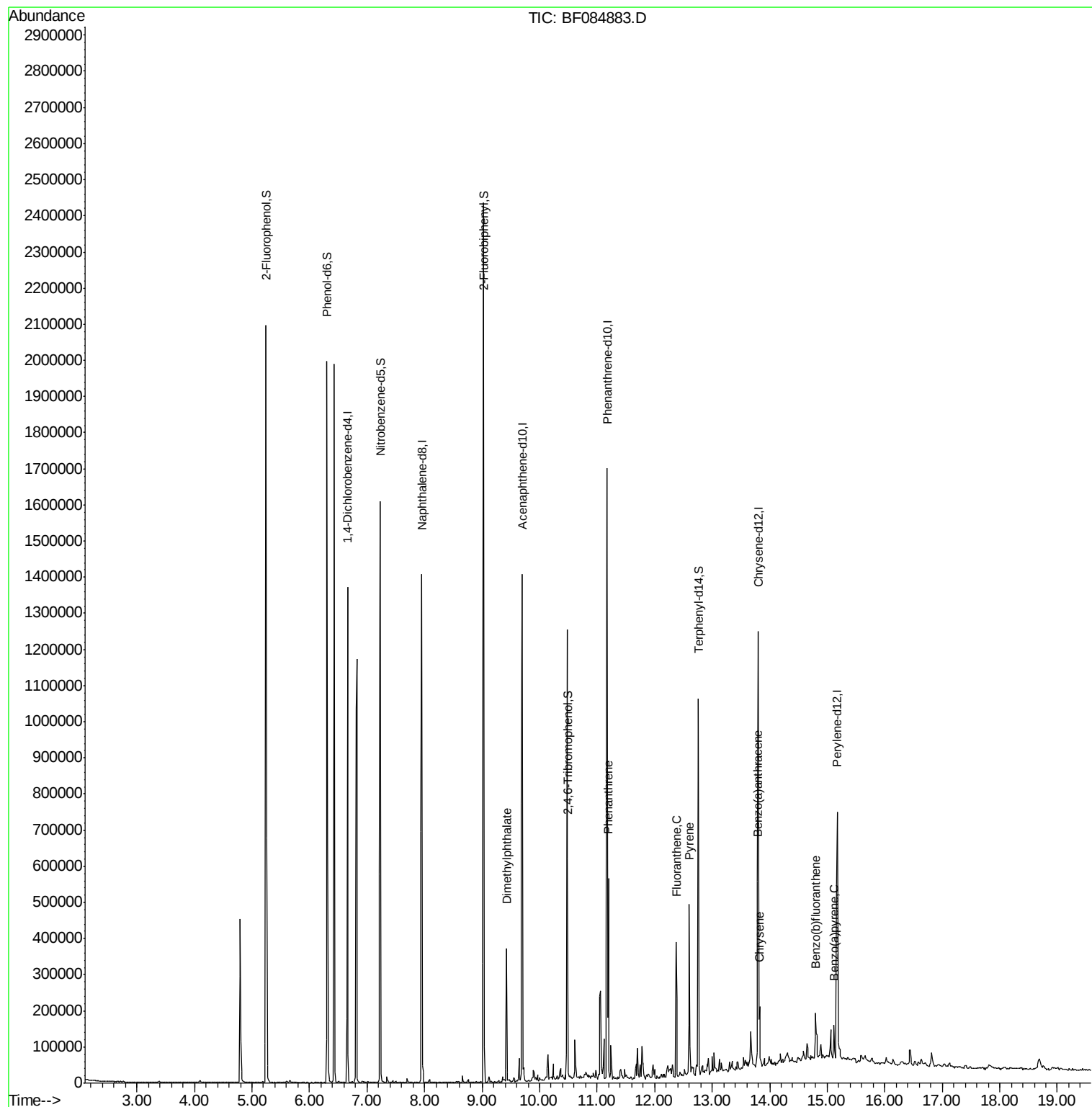
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

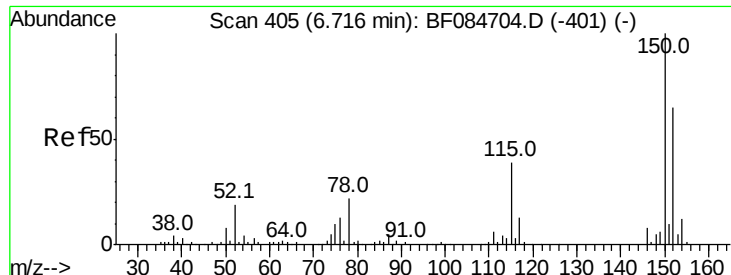
Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

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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: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Instrument :

BNA_F

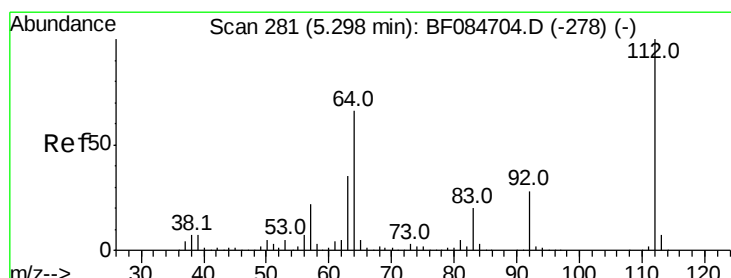
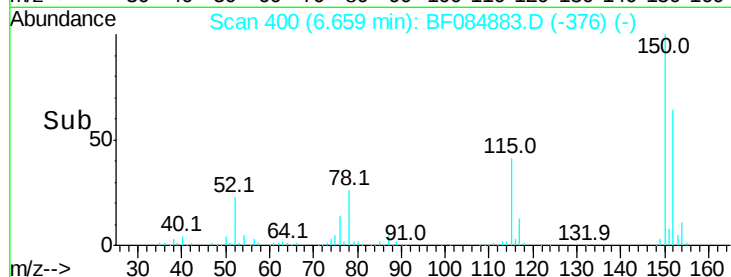
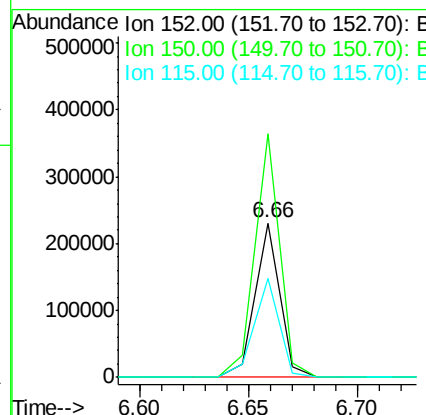
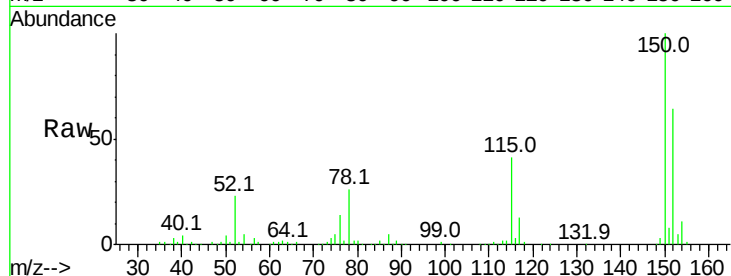
ClientSampleId :

SUP-B006(0-2)

Tot Ion:	152	Resp:	182069
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.0	184.4
115	63.8	51.4	77.2

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#5

2-Fluorophenol

Concen: 49.49 ng

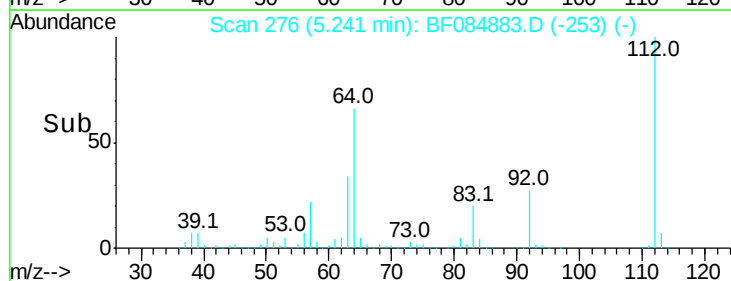
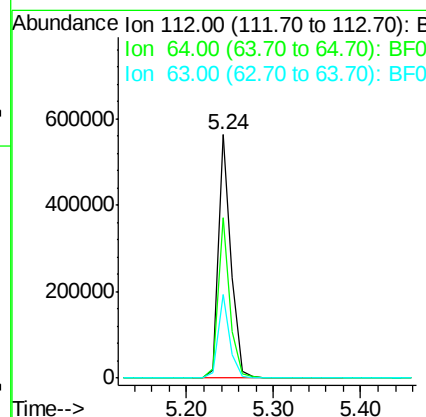
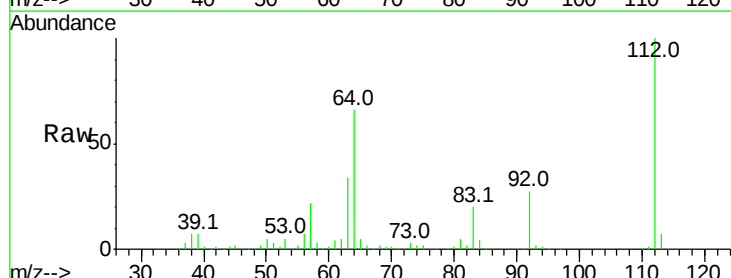
RT: 5.24 min Scan# 276

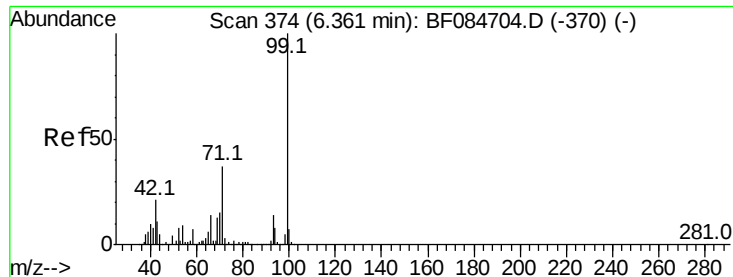
Delta R.T. -0.03 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Tgt Ion:	112	Resp:	578500
Ion Ratio	Lower	Upper	
112	100		
64	66.0	36.6	55.0#
63	34.2	19.4	29.0#





#7

Phenol-d6

Concen: 47.24 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Instrument :

BNA_F

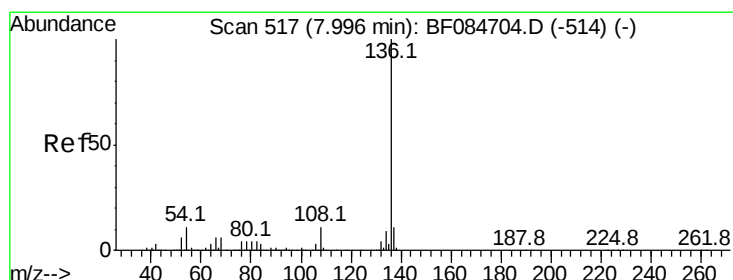
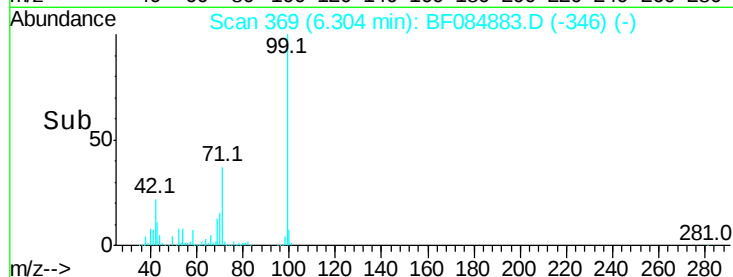
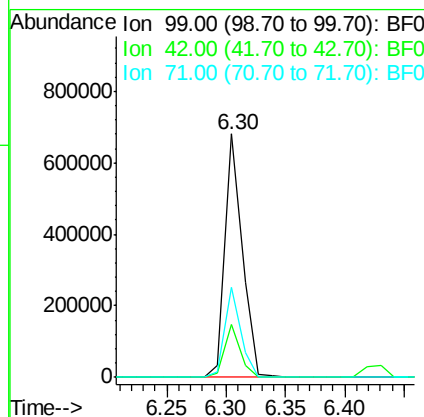
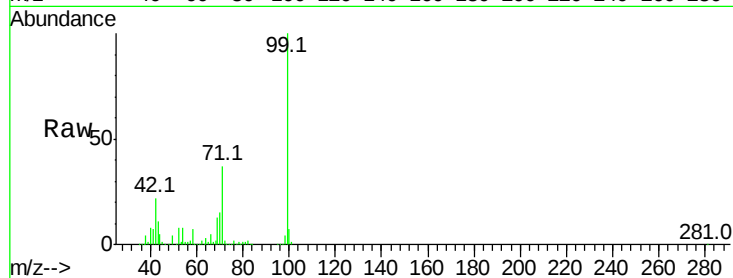
ClientSampleId :

SUP-B006(0-2)

Tot Ion	99	Resp	684573
Ion Ratio	Lower	Upper	
99	100		
42	21.5	12.8	19.2#
71	37.1	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

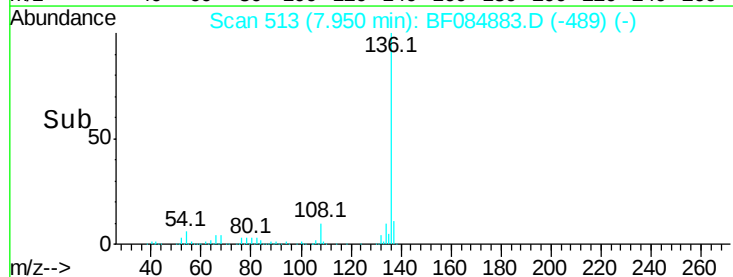
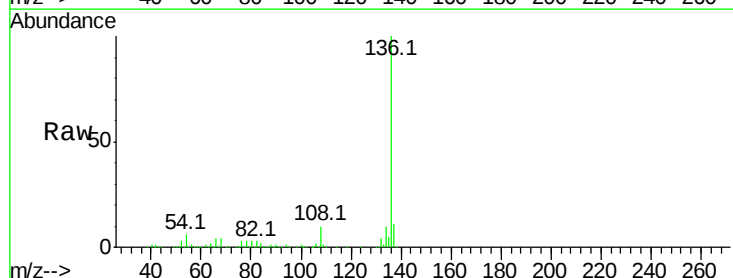
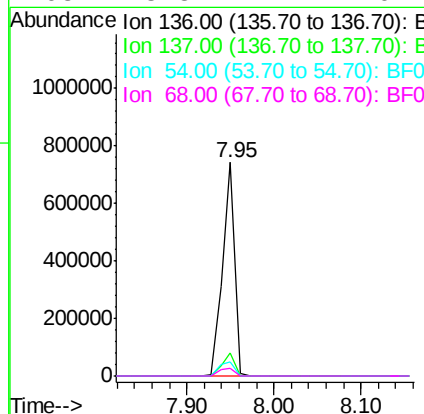
RT: 7.95 min Scan# 513

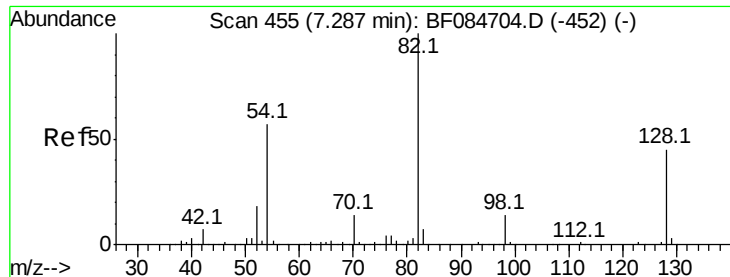
Delta R.T. -0.02 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Tgt Ion	136	Resp	737587
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	6.5	5.8	8.8
68	3.8	4.2	6.2#





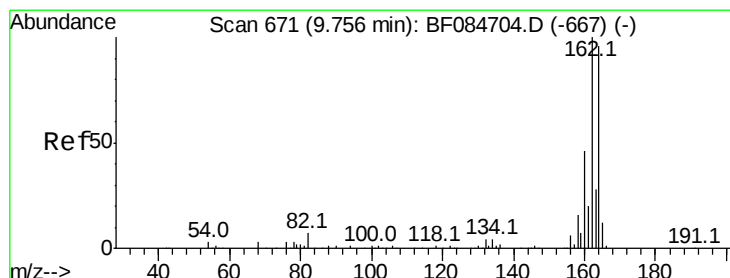
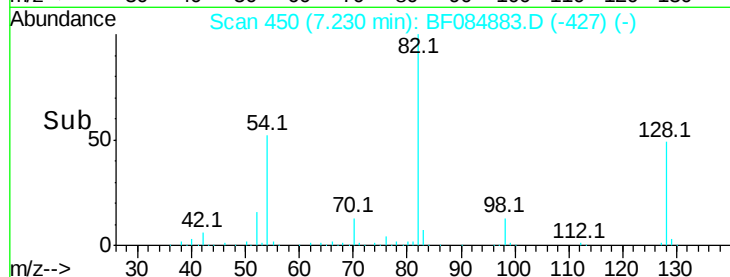
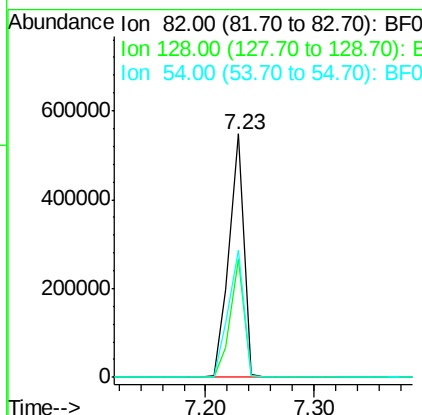
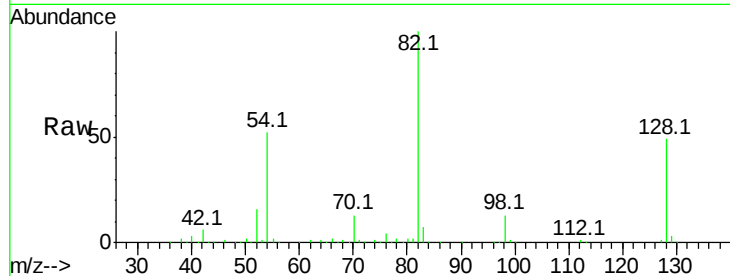
#23
Nitrobenzene-d5
Concen: 39.75 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.6	51.8
54	52.5	38.4	57.6

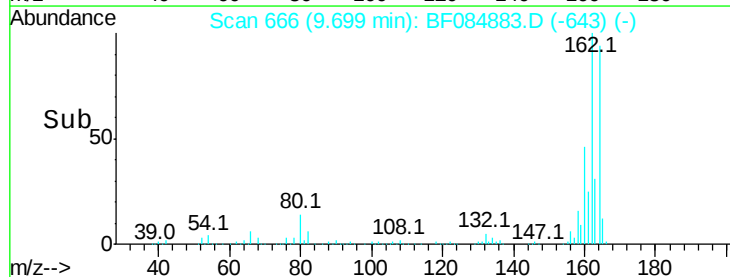
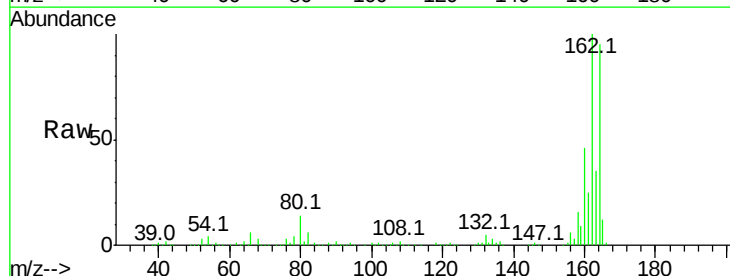
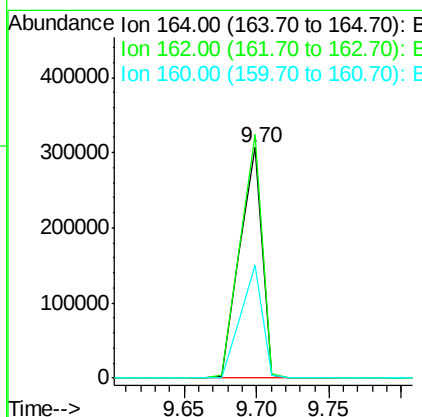
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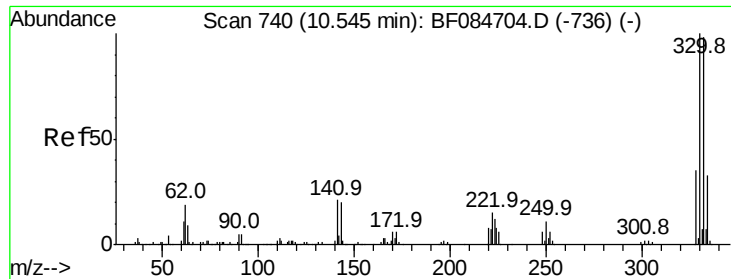
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	48.8	37.5	56.3





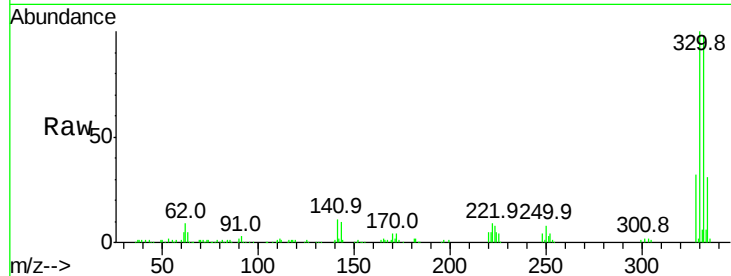
#41
 2,4,6-Tribromophenol
 Concen: 49.20 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084883.D
 Acq: 6 Feb 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(0-2)

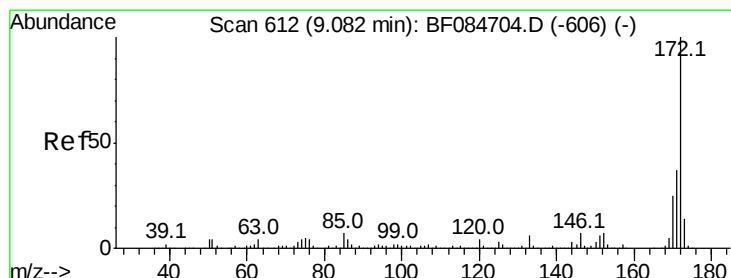
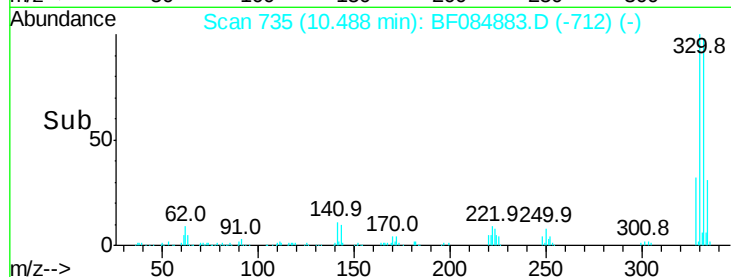
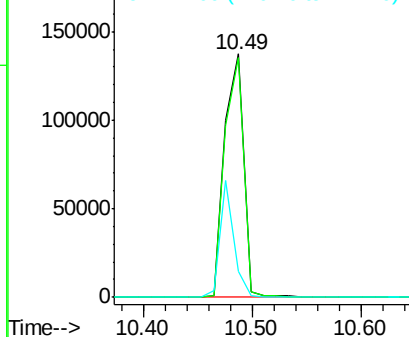
Tot Ion	Ratio	Resp	Lower	Upper
330	100	167675		
332	97.8	76.6	114.8	
141	35.2	27.8	41.6	

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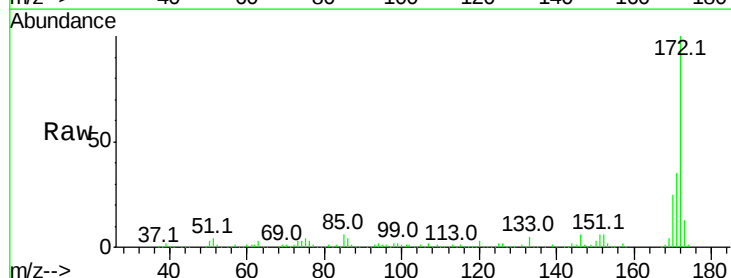


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

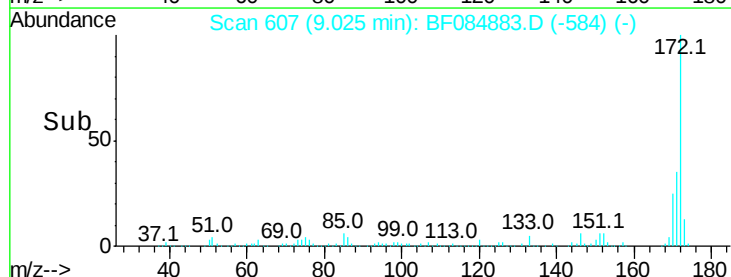
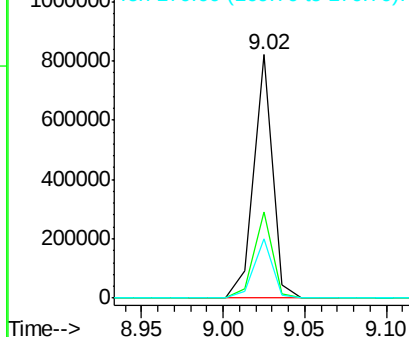


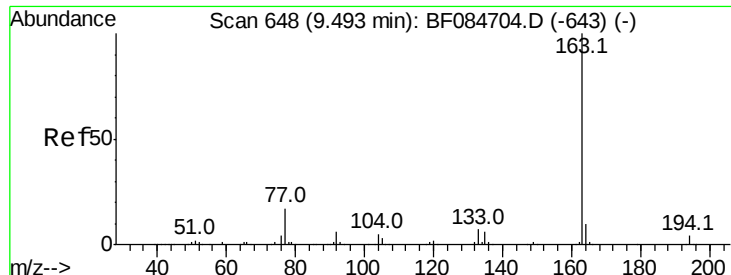
#44
 2-Fluorobiphenyl
 Concen: 27.06 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084883.D
 Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	658614		
171	35.4	28.9	43.3	
170	24.6	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





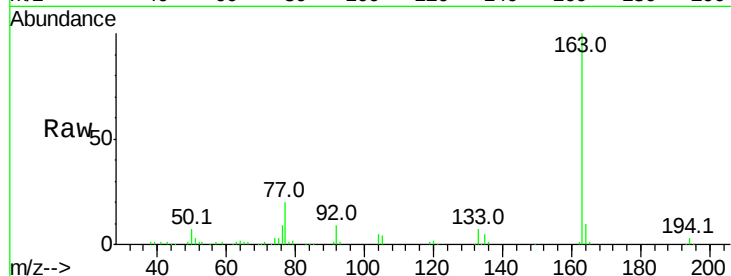
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Dimethylphthalate
Concen: 5.35 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

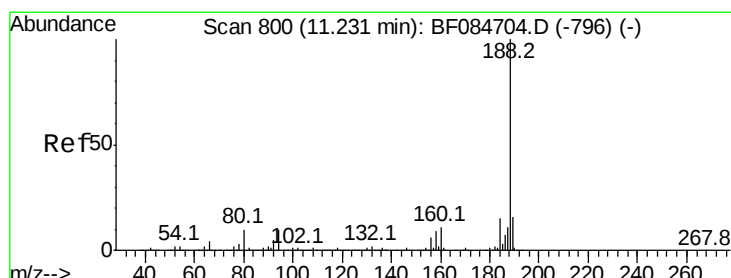
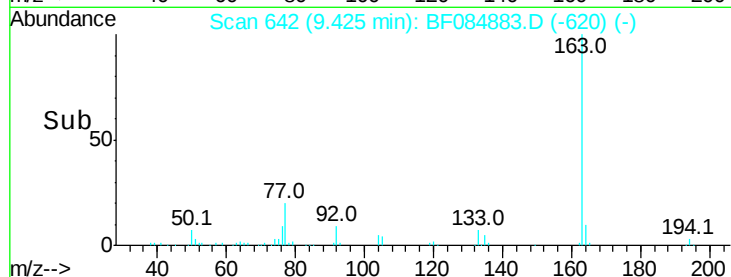
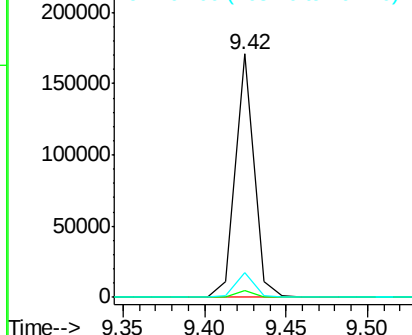
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.3	8.0	12.0

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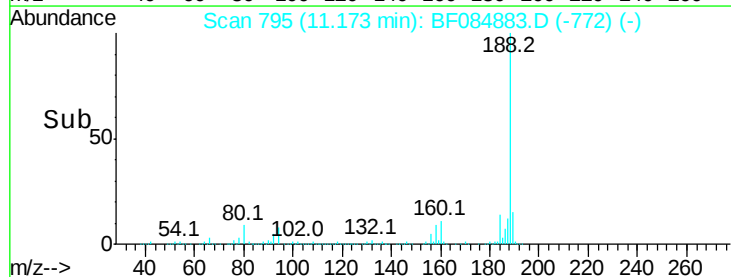
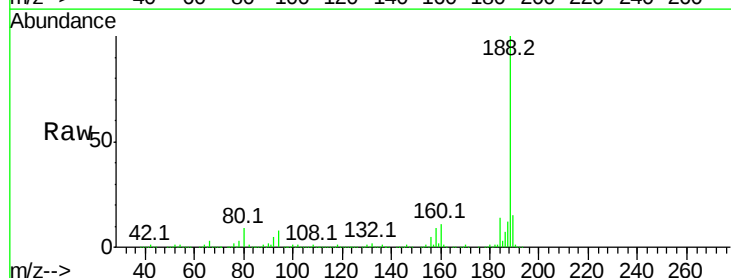
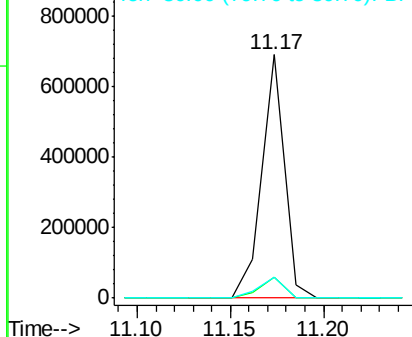
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

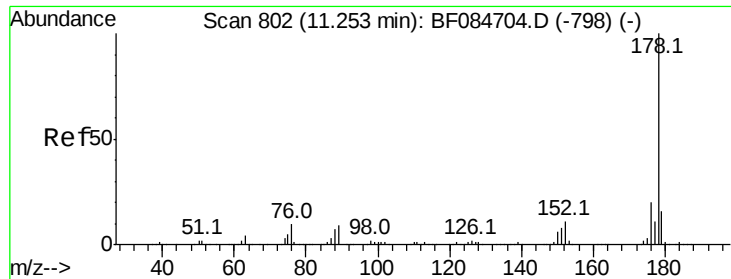


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.6	9.6	14.4#

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





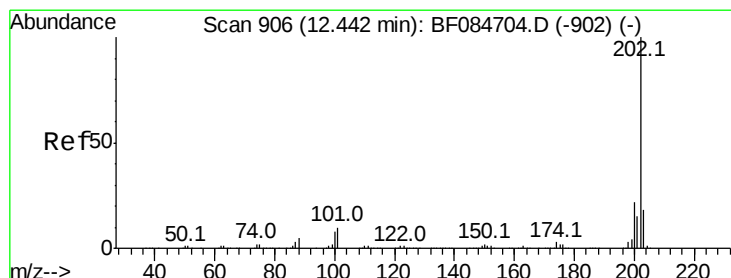
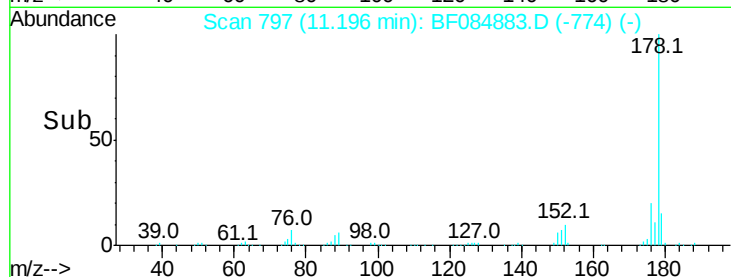
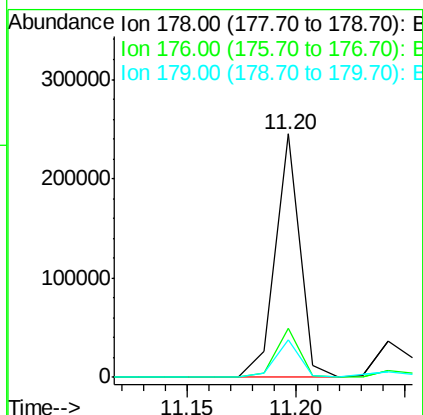
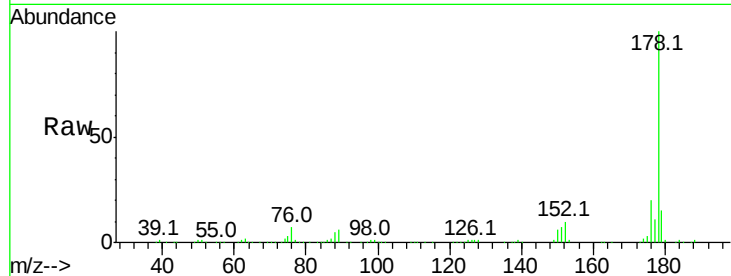
#70
Phenanthrene
Concen: 6.11 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
178	100	195533		
176	19.9	15.3	22.9	
179	15.4	12.0	18.0	

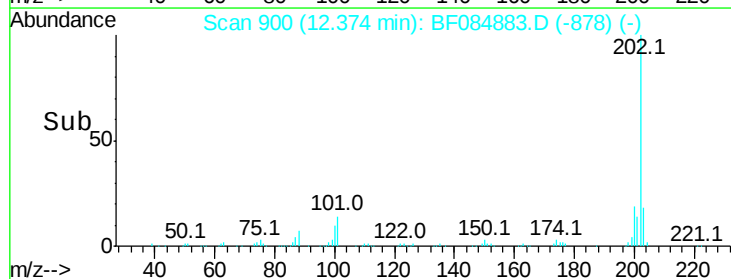
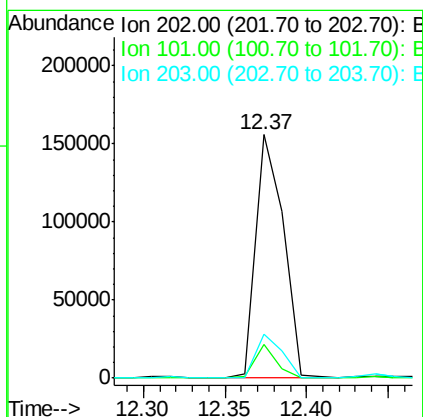
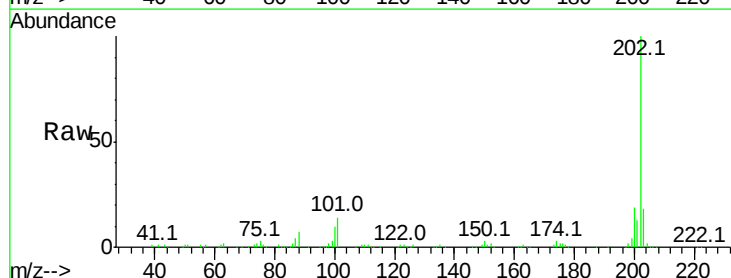
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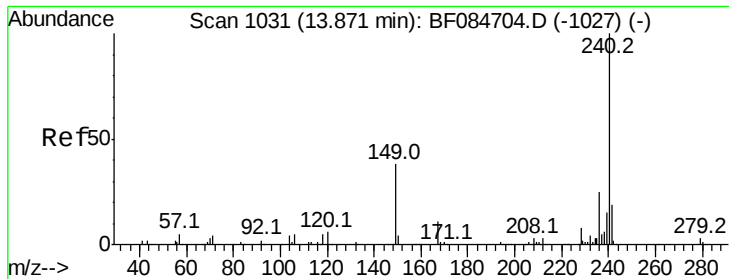
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#74
Fluoranthene
Concen: 5.64 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	182651		
101	14.0	0.0	32.8	
203	17.9	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: BF084883.D

Acq: 6 Feb 2016 2:05

Instrument :

BNA_F

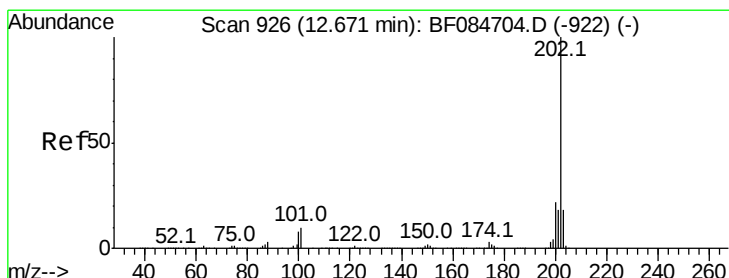
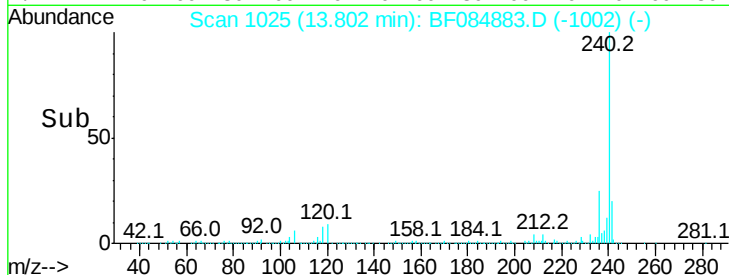
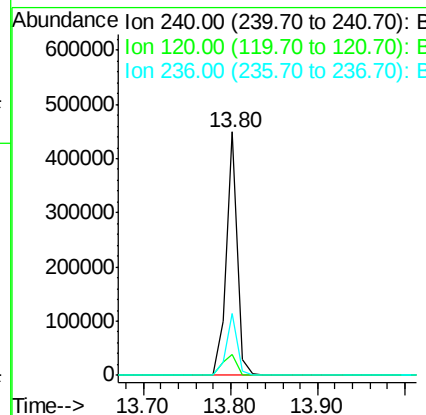
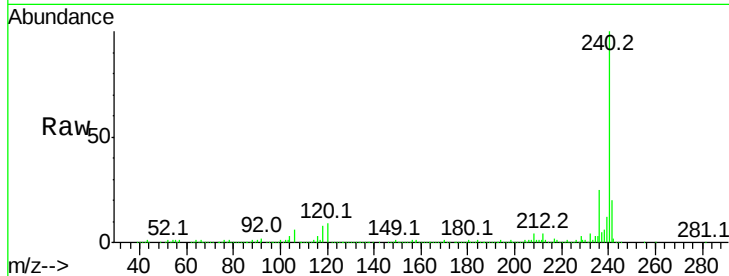
ClientSampleId :

SUP-B006(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.8	9.5	14.3	
236	25.5	20.6	31.0	

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#77

Pyrene

Concen: 5.92 ng

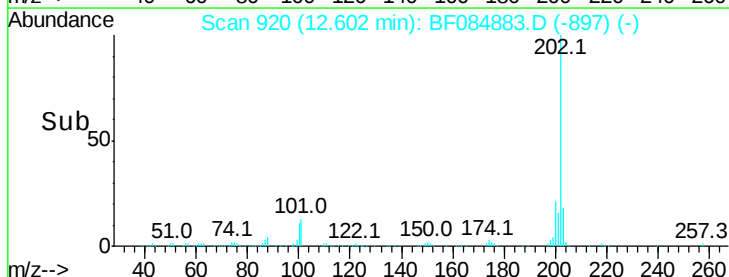
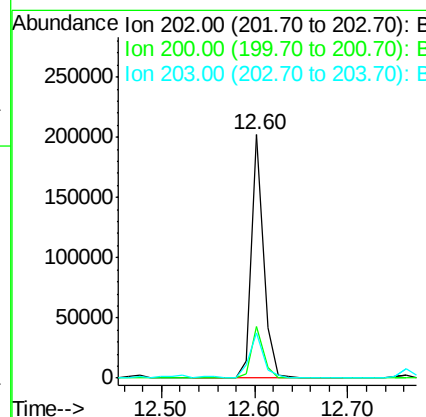
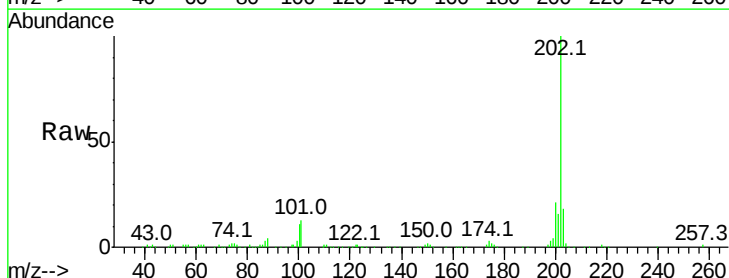
RT: 12.60 min Scan# 920

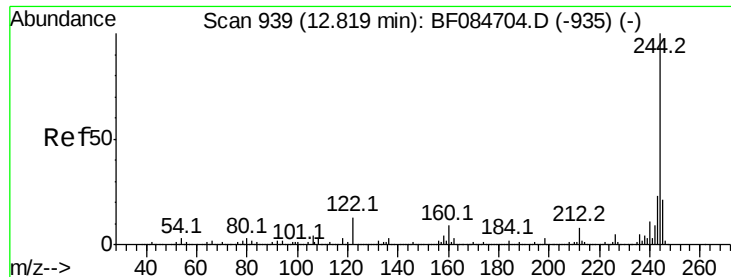
Delta R.T. -0.03 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.2	25.8	
203	18.3	14.3	21.5	





#78

Terphenyl-d14

Concen: 26.48 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Instrument :

BNA_F

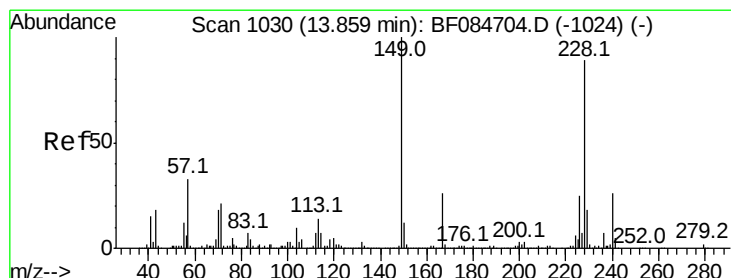
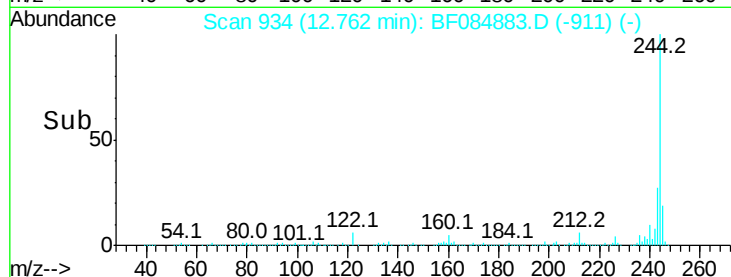
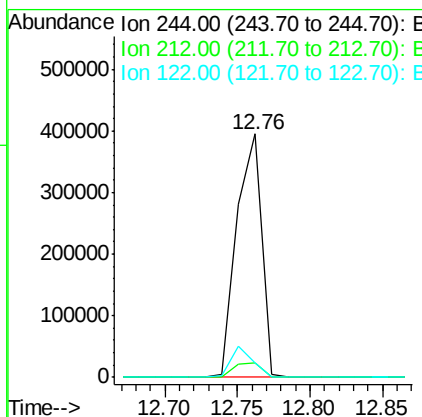
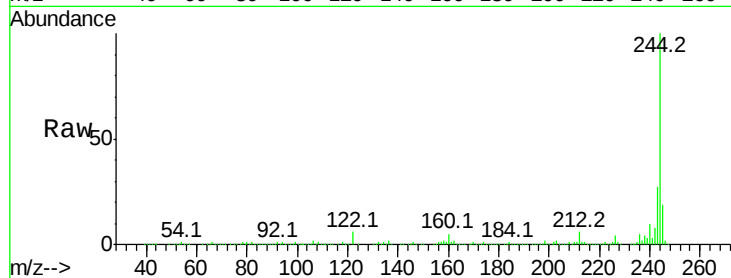
ClientSampled :

SUP-B006(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.7	8.5
122	5.8	7.4	11.0

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#80

Benzo(a)anthracene

Concen: 3.14 ng

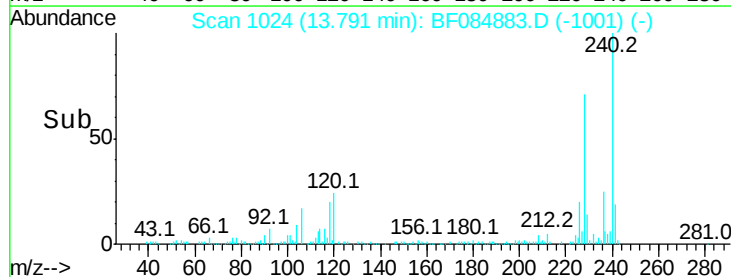
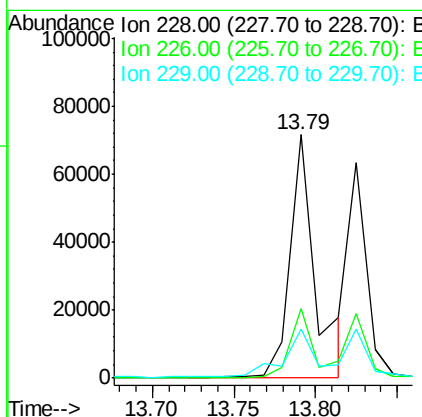
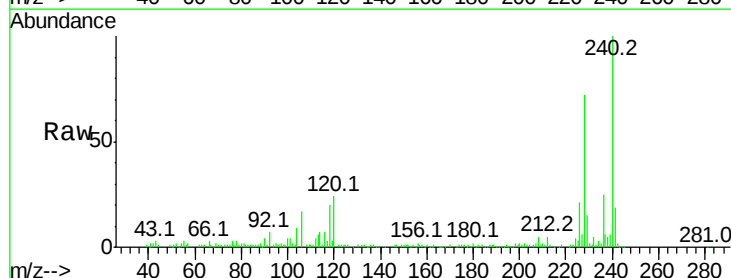
RT: 13.79 min Scan# 1024

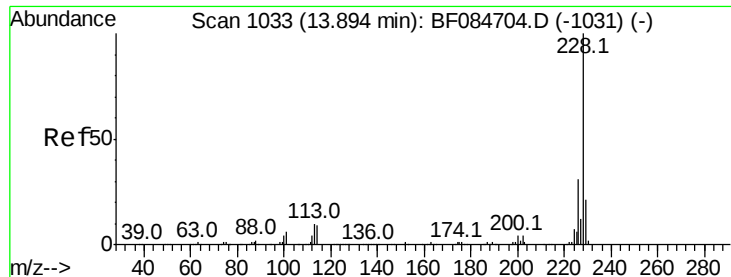
Delta R.T. -0.03 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.6
229	20.2	15.8	23.8





#82

Chrysene

Concen: 2.10 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Instrument :

BNA_F

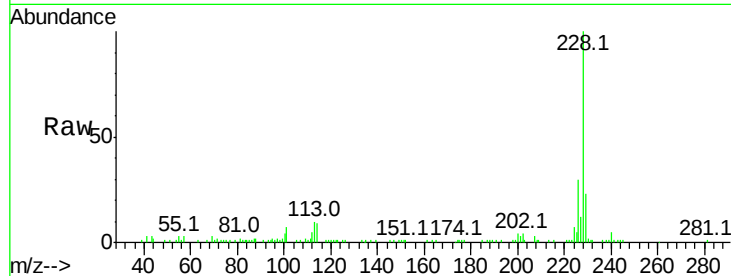
ClientSampleId :

SUP-B006(0-2)

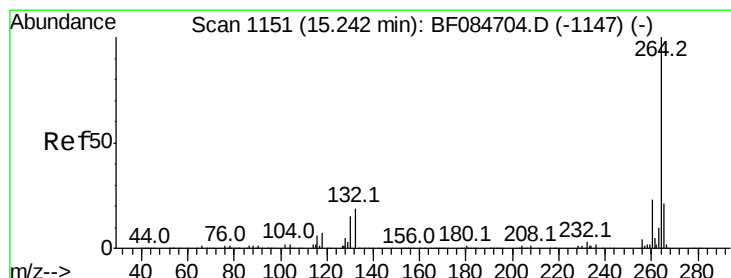
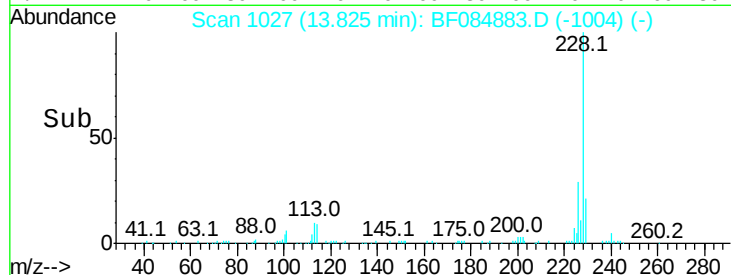
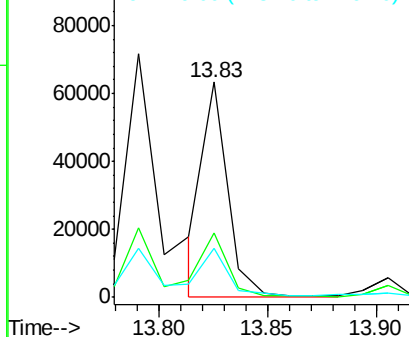
Tot Ion:	228	Resp:	50932
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.3	36.5
229	22.5	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

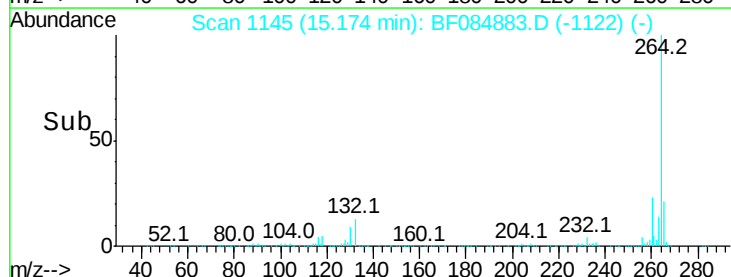
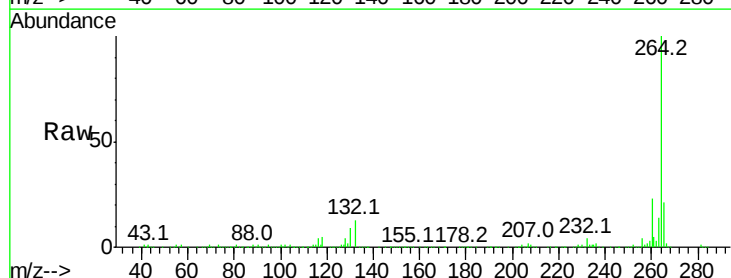
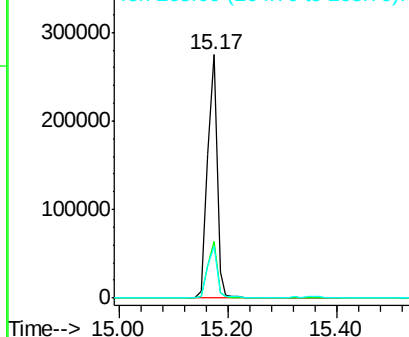
Delta R.T. -0.03 min

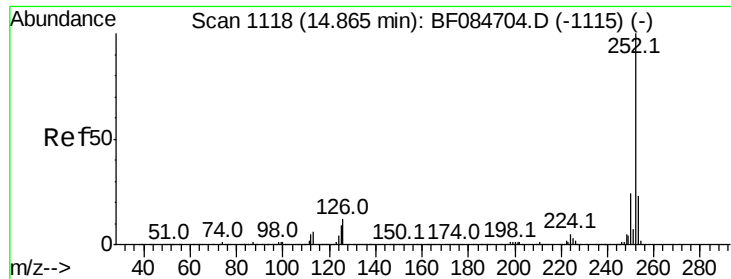
Lab File: BF084883.D

Acq: 6 Feb 2016 2:05

Tgt Ion:	264	Resp:	335437
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	21.4	17.8	26.6

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





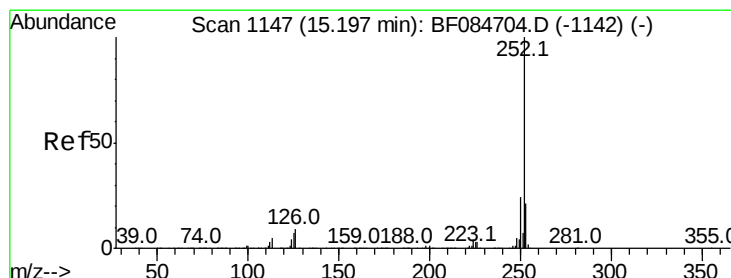
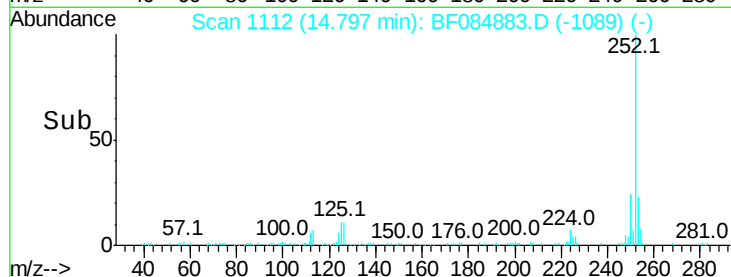
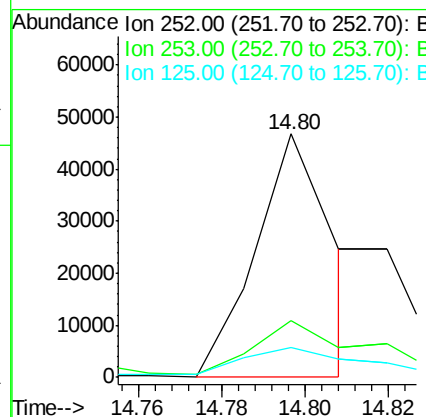
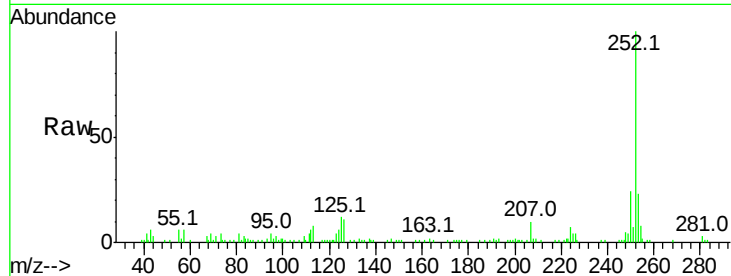
#87
Benzo(b)fluoranthene
Concen: 2.69 ng m
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Instrument :
BNA_F
ClientSampleId :
SUP-B006(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	12.1	6.5	9.7#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.44 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084883.D
Acq: 6 Feb 2016 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.6	7.0	10.4#

