

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086648.D
 Acq On : 3 May 2016 16:57
 Operator : UM/SJ
 Sample : H2685-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

Manual Integrations
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Quant Time: May 04 04:03:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	193205	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	775219	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	348638	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	537048	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	387938	20.00	ng	-0.06
86) Perylene-d12	15.30	264	373206	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1324241	118.22	ng	-0.04
7) Phenol-d6	6.40	99	1587403	101.54	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1169542	81.32	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	323703	88.04	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1418108	67.94	ng	-0.06
78) Terphenyl-d14	12.85	244	908496	51.59	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	358523	13.66	ng	99
70) Phenanthrene	11.29	178	121536	4.31	ng	99
74) Fluoranthene	12.48	202	259066	9.11	ng	96
77) Pyrene	12.71	202	234292	8.38	ng	99
80) Benzo(a)anthracene	13.89	228	129840	6.28	ng	99
82) Chrysene	13.93	228	83733m	3.72	ng	
87) Benzo(b)fluoranthene	14.90	252	138399m	6.30	ng	
89) Benzo(a)pyrene	15.24	252	87652	4.23	ng	97
91) Benzo(g,h,i)perylene	17.01	276	42076	2.48	ng	94

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

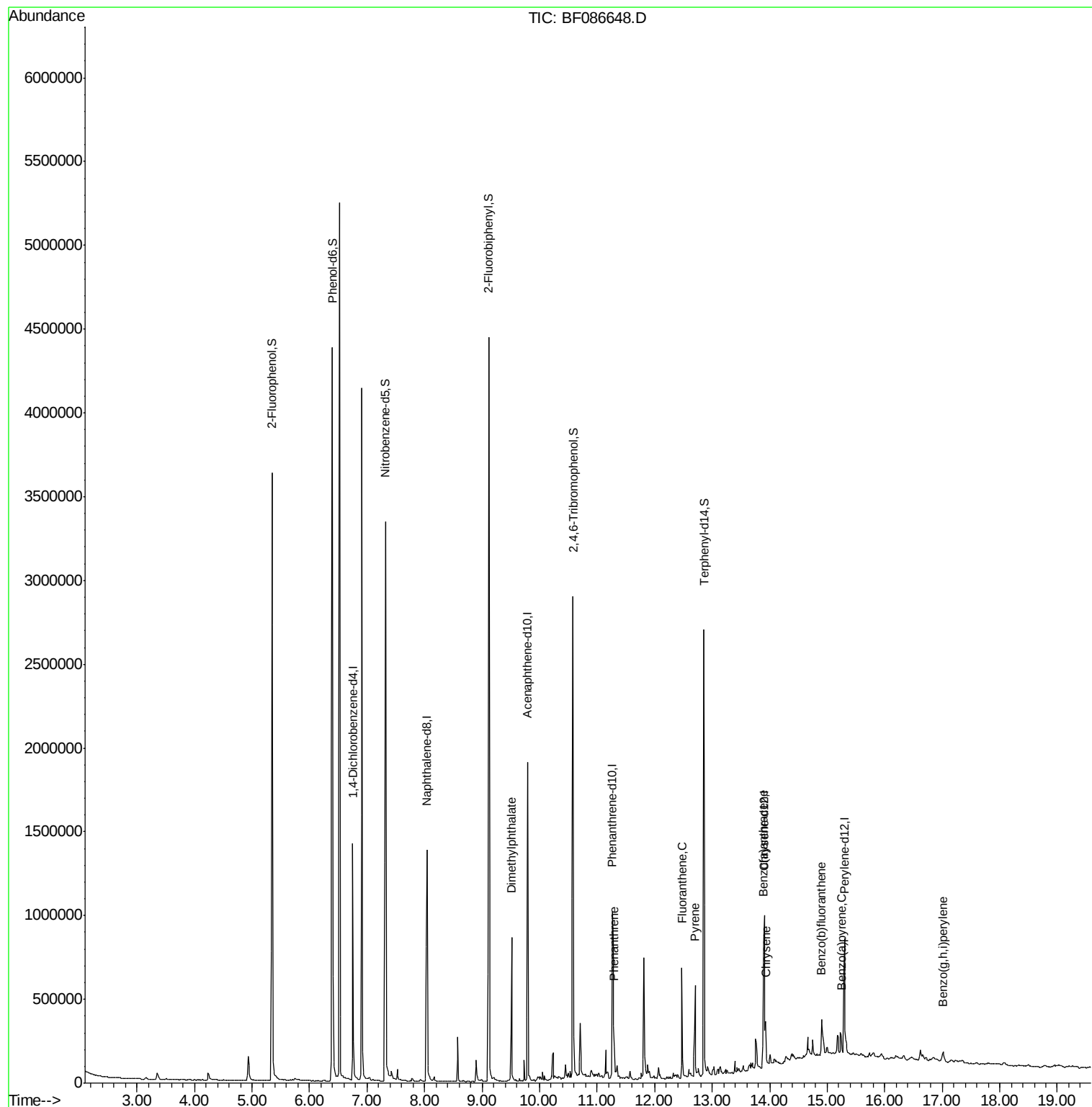
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

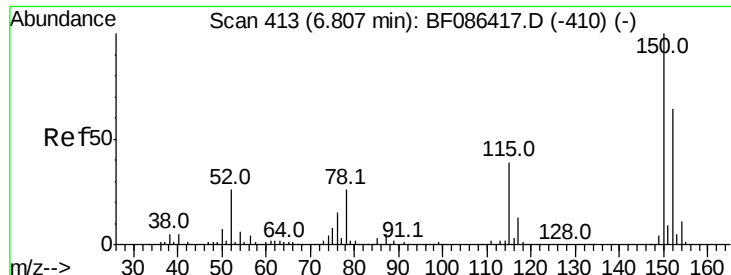
Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-6(10-20FTBGS)

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#1

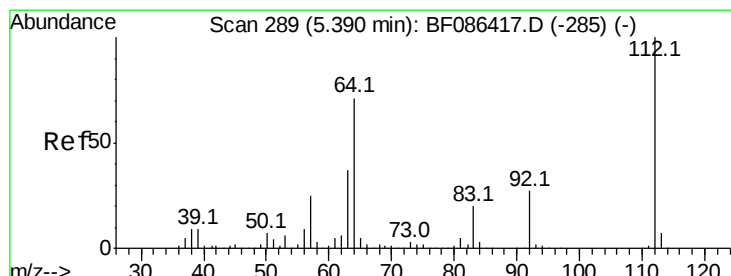
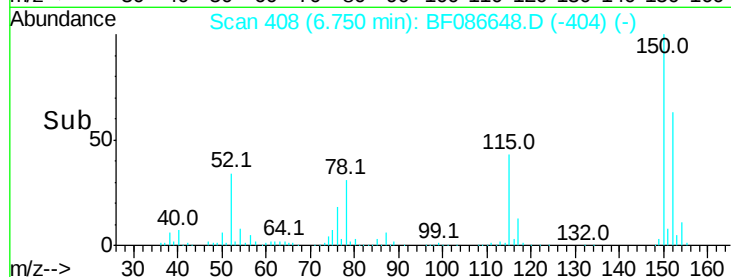
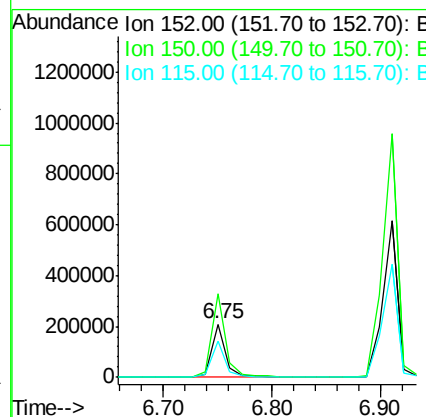
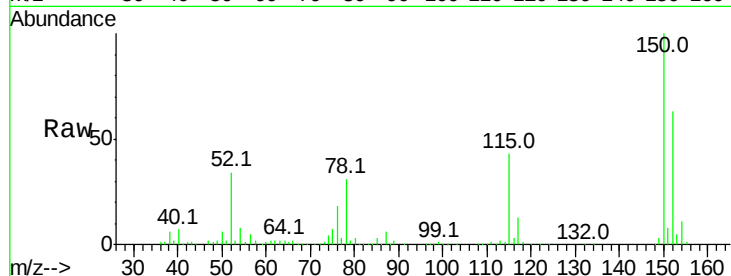
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-6(10-20FTBGS)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.8	188.6
115	68.3	51.5	77.3

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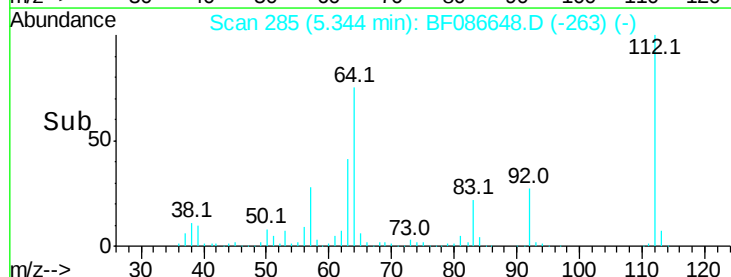
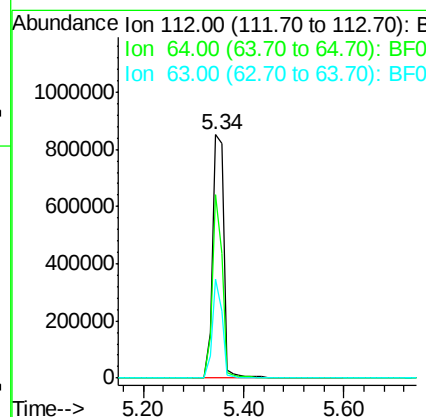
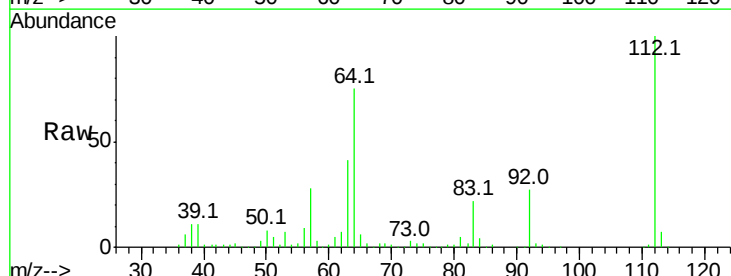
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#5

2-Fluorophenol
Concen: 118.22 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.04 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.3	52.1	78.1
63	40.7	25.7	38.5





#7

Phenol-d6

Concen: 101.54 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086648.D

Acq: 3 May 2016 16:57

Instrument :

BNA_F

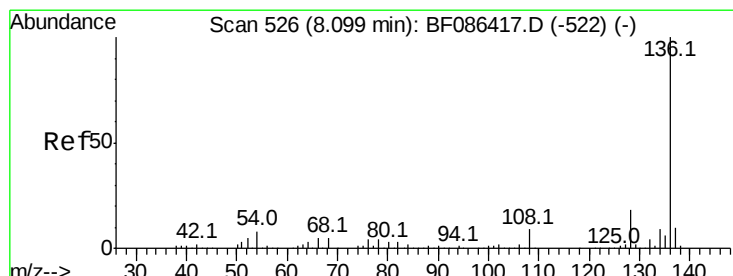
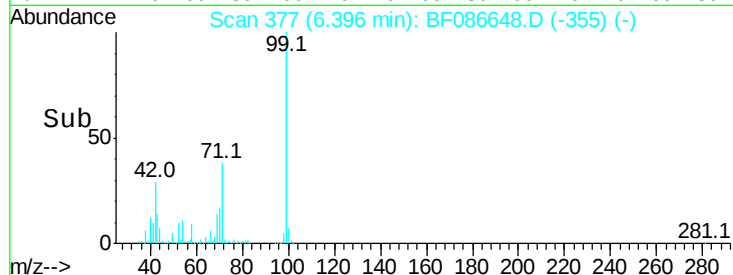
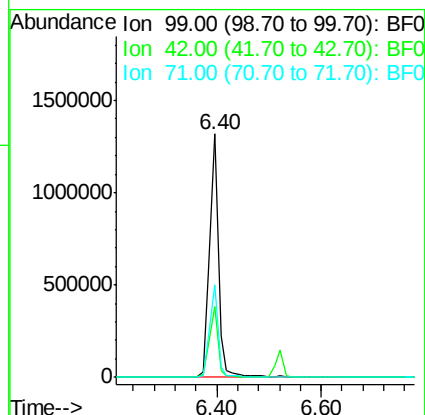
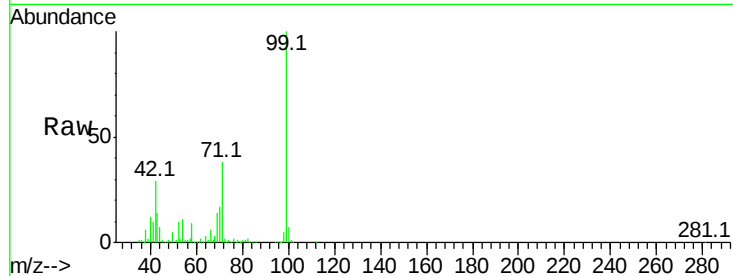
ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

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Tot Ion:	99	Resp:	1587403
Ion	Ratio	Lower	Upper
99	100		
42	29.2	13.6	20.4#
71	38.2	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

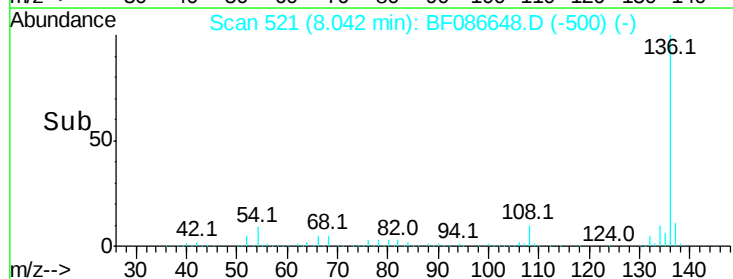
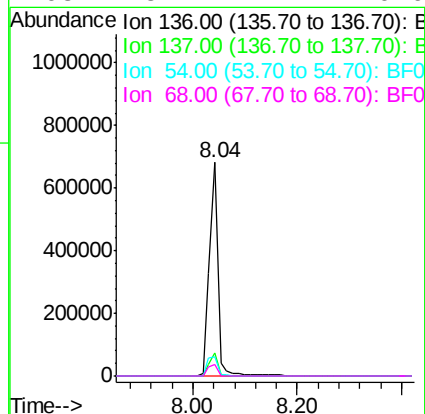
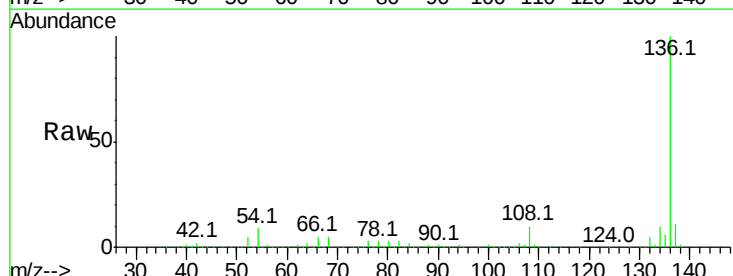
RT: 8.04 min Scan# 521

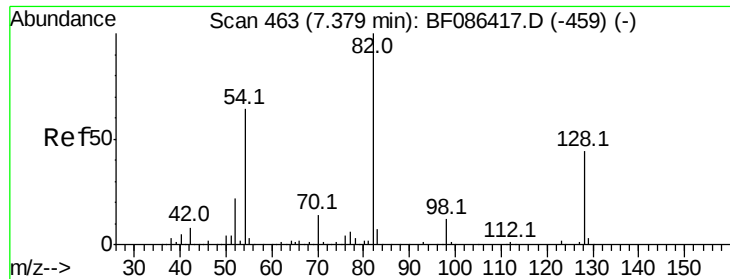
Delta R.T. -0.06 min

Lab File: BF086648.D

Acq: 3 May 2016 16:57

Tgt Ion:	136	Resp:	775219
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.8	5.0	7.4#
68	5.2	4.4	6.6





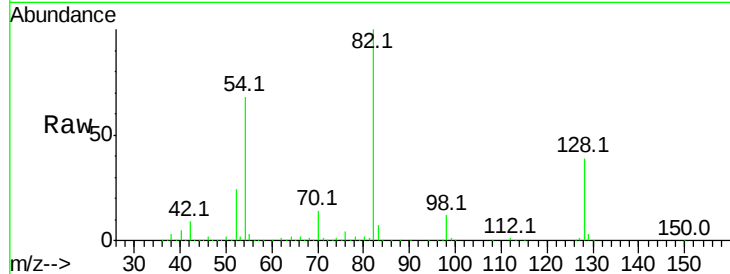
#23
 Nitrobenzene-d5
 Concen: 81.32 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086648.D
 Acq: 3 May 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

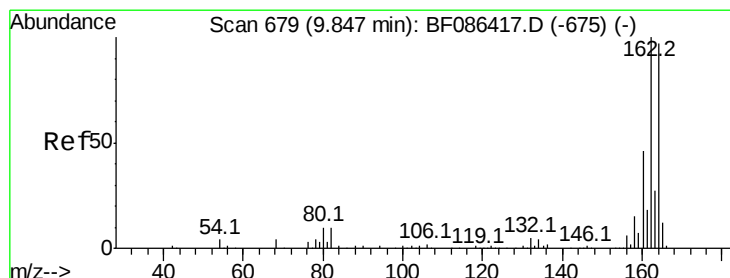
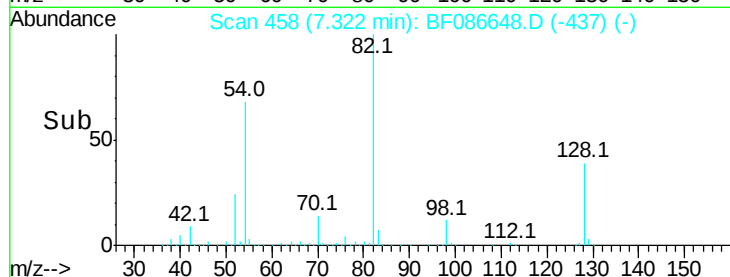
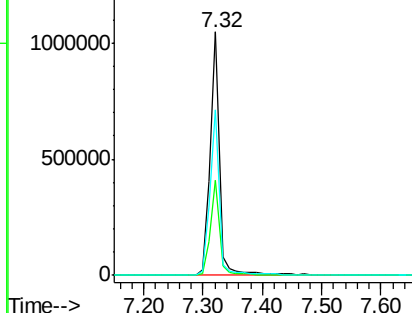
Tot Ion: 82 Resp: 1169542
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 68.2 38.1 57.1#

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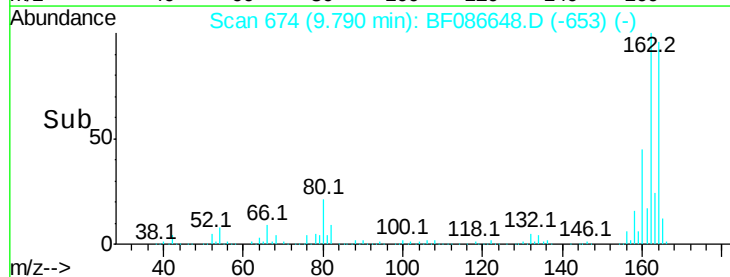
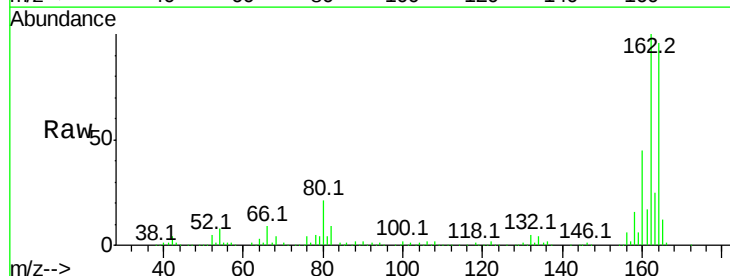
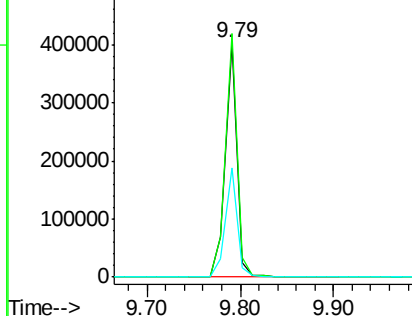
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

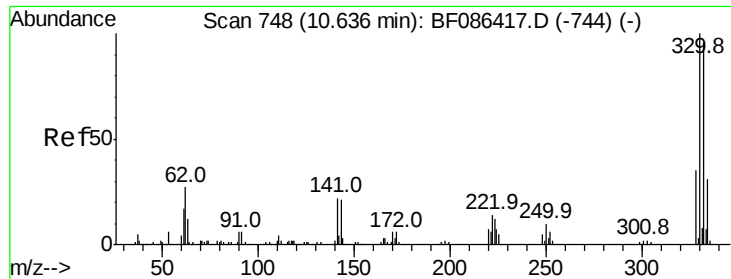


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086648.D
 Acq: 3 May 2016 16:57

Tgt Ion:164 Resp: 348638
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.8 124.2
 160 46.7 36.9 55.3

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





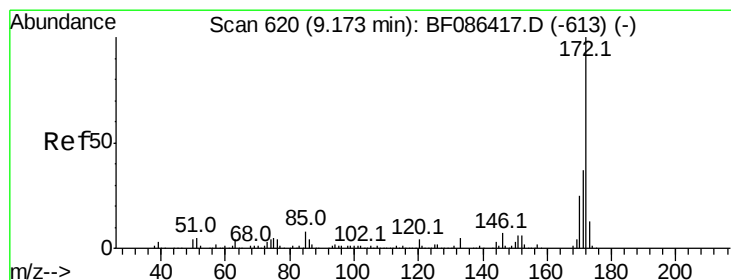
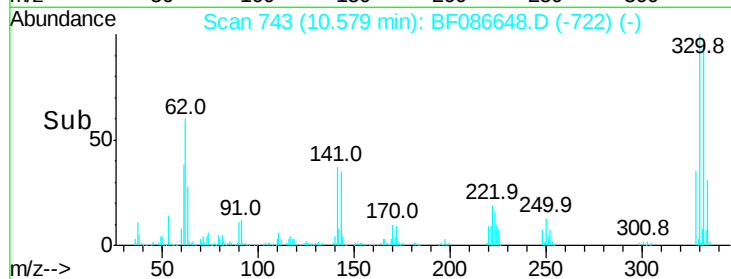
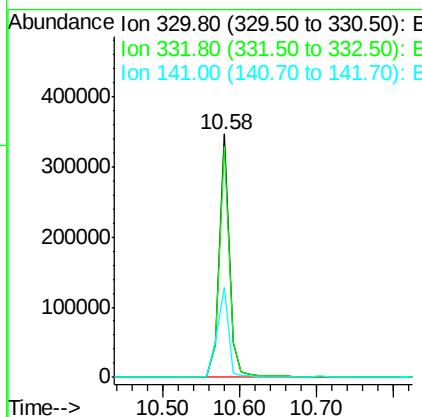
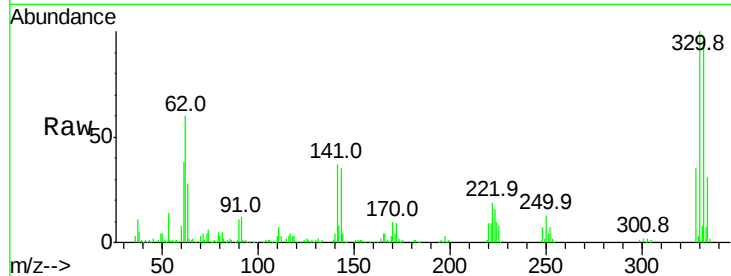
#41
 2,4,6-Tribromophenol
 Concen: 88.04 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086648.D
 Acq: 3 May 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	323703		
332	96.0	79.0	118.4	
141	41.6	31.2	46.8	

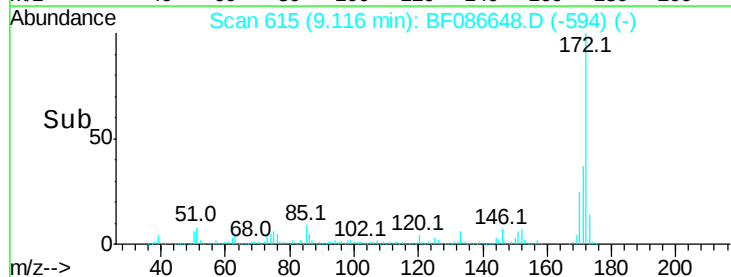
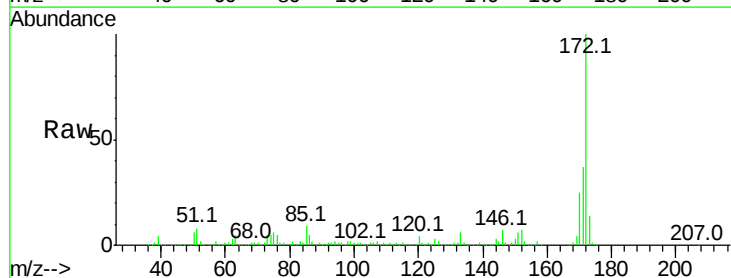
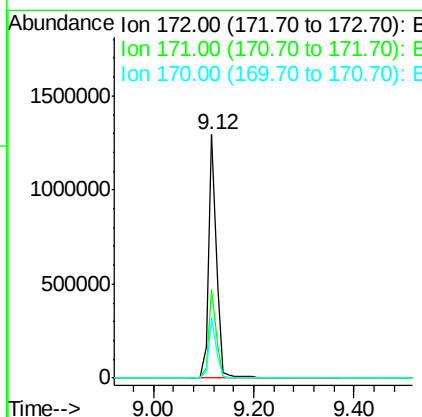
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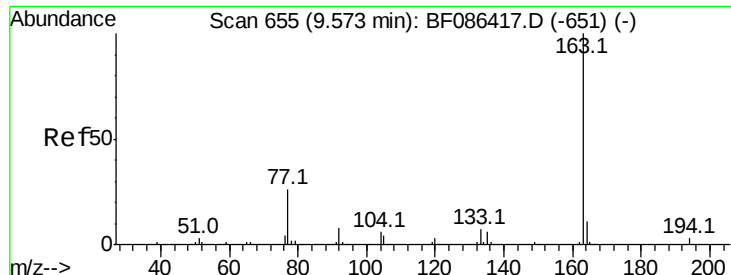
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#44
 2-Fluorobiphenyl
 Concen: 67.94 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086648.D
 Acq: 3 May 2016 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1418108		
171	36.6	29.0	43.6	
170	24.7	19.8	29.8	





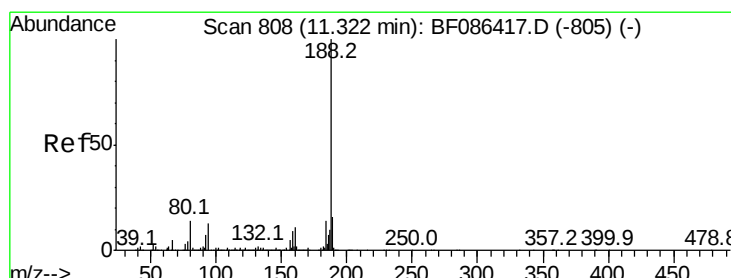
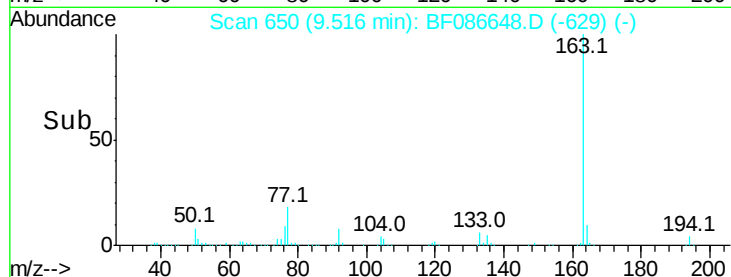
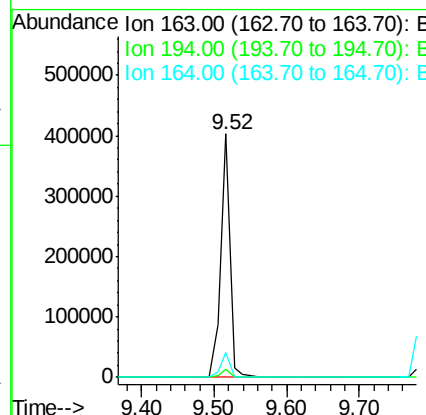
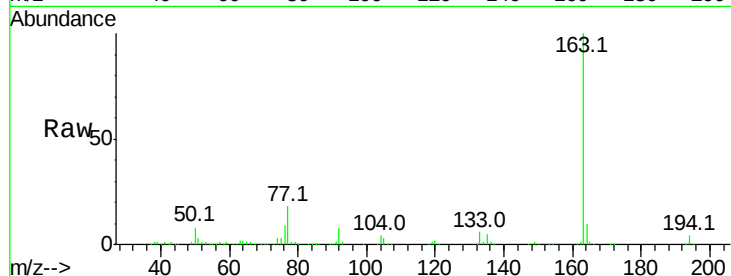
#49
Dimethylphthalate
Concen: 13.66 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-6(10-20FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.0	8.2	12.4	

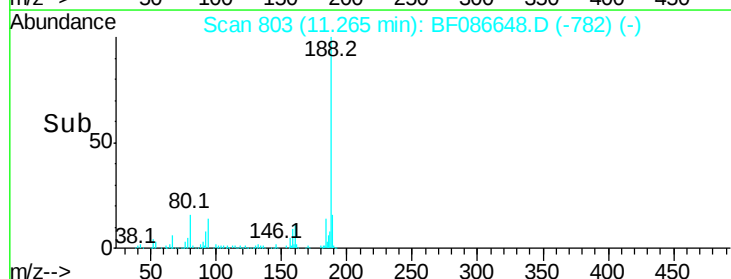
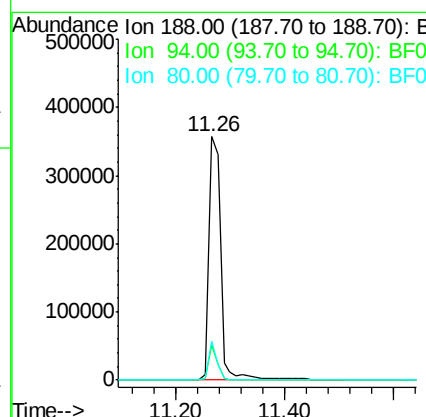
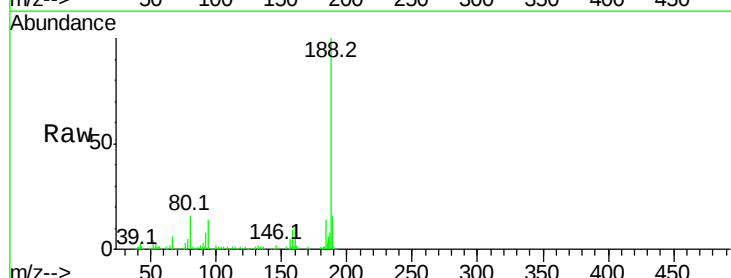
Manual Integrations
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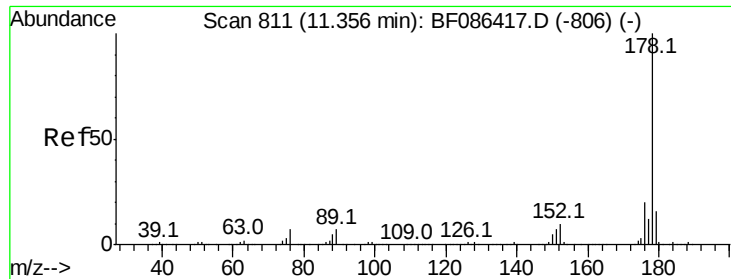
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	14.2	6.8	10.2#	
80	16.2	7.1	10.7#	





#70

Phenanthrene

Concen: 4.31 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF086648.D

Acq: 3 May 2016 16:57

Instrument :

BNA_F

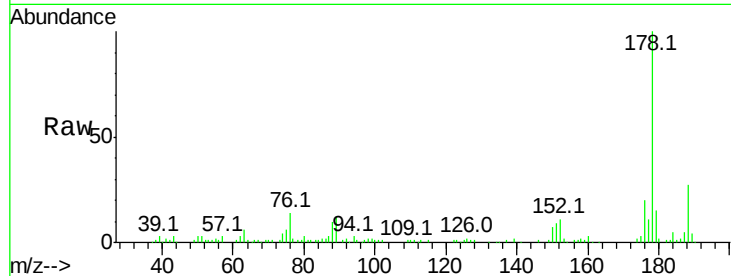
ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

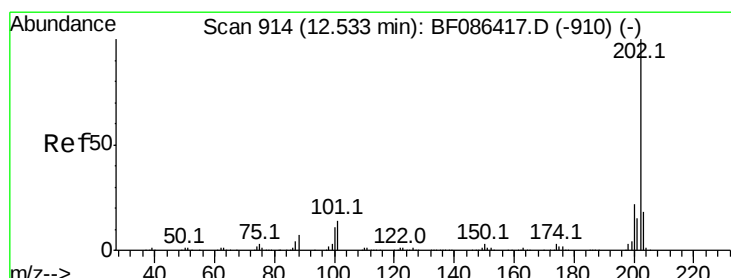
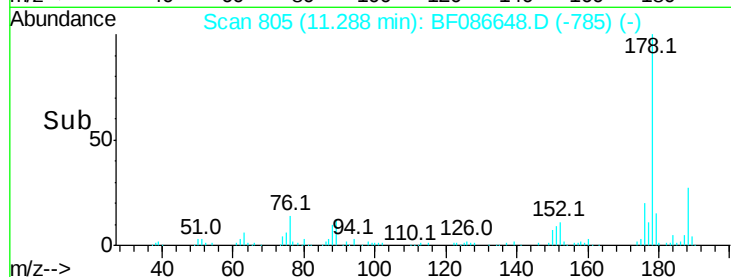
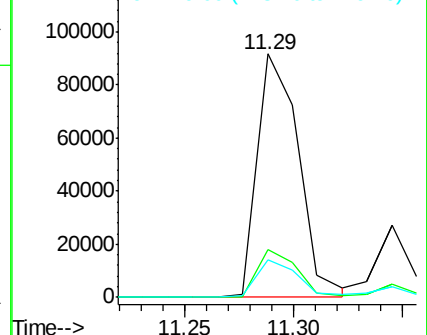
Tot Ion:	178	Resp:	121536
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.0	24.0
179	15.3	12.6	18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 9.11 ng

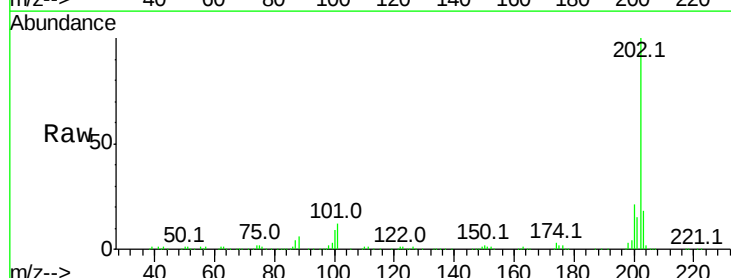
RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

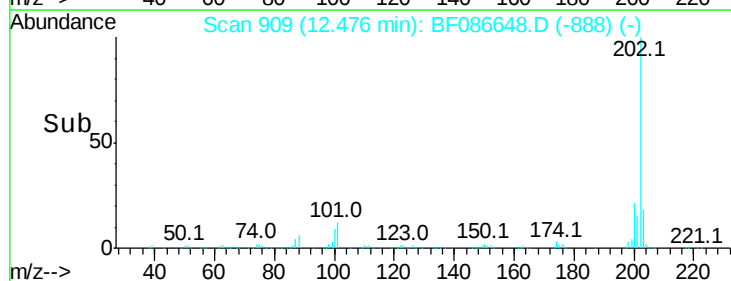
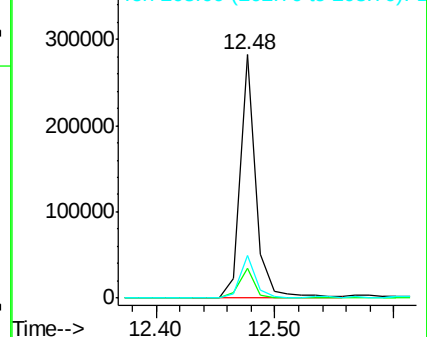
Lab File: BF086648.D

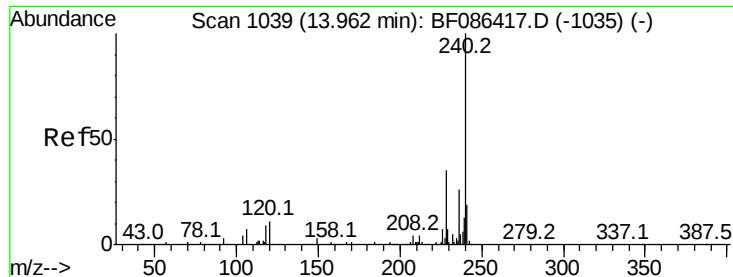
Acq: 3 May 2016 16:57

Tgt Ion:	202	Resp:	259066
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	35.4
203	17.5	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086648.D

Acq: 3 May 2016 16:57

Instrument :

BNA_F

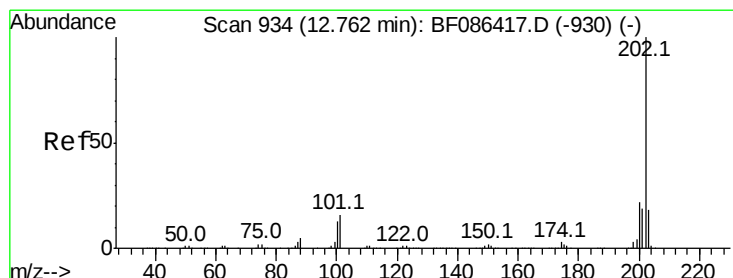
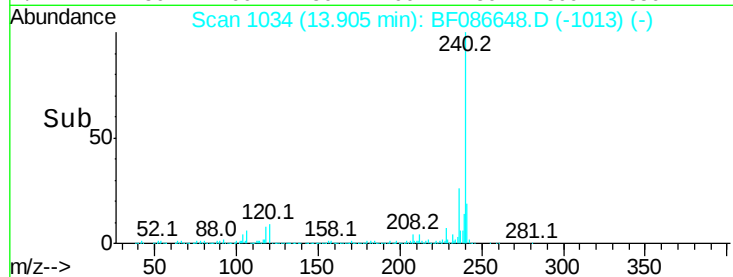
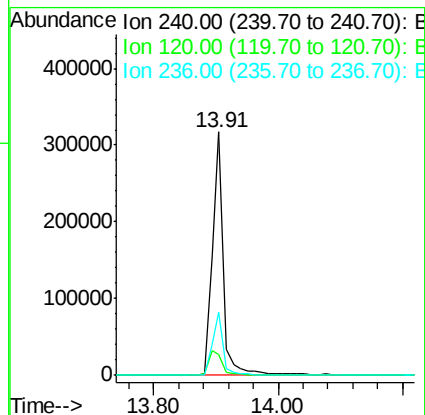
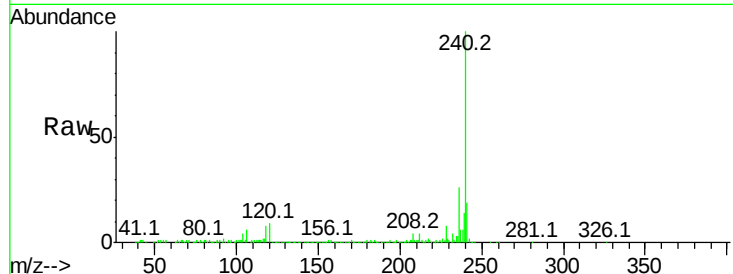
ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

Tot Ion:	240	Resp:	387938
Ion Ratio	Lower	Upper	
240	100		
120	8.8	11.2	16.8#
236	26.0	21.2	31.8

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#77

Pyrene

Concen: 8.38 ng

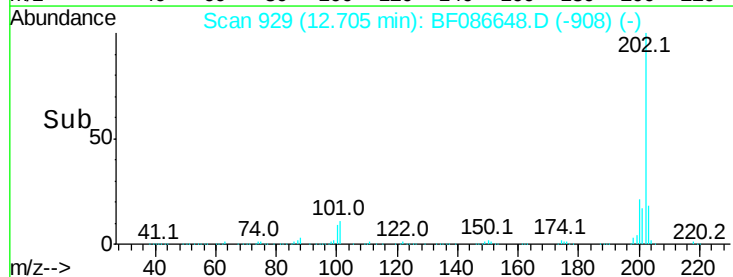
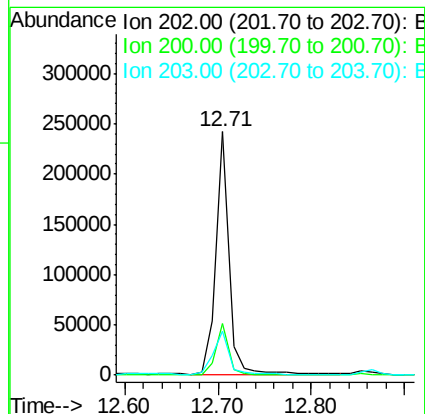
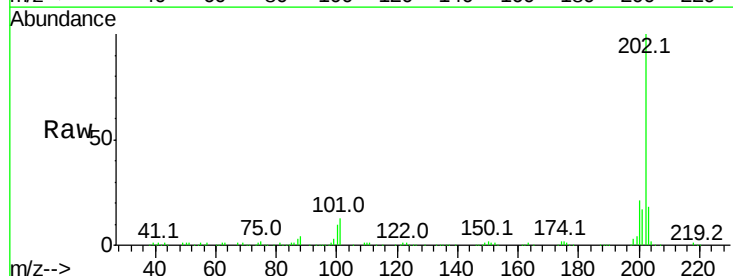
RT: 12.71 min Scan# 929

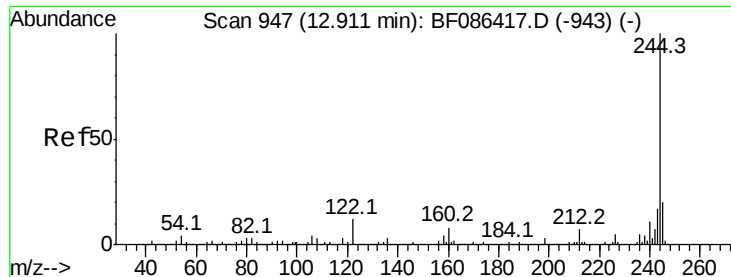
Delta R.T. -0.06 min

Lab File: BF086648.D

Acq: 3 May 2016 16:57

Tgt Ion:	202	Resp:	234292
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.9	14.2	21.4





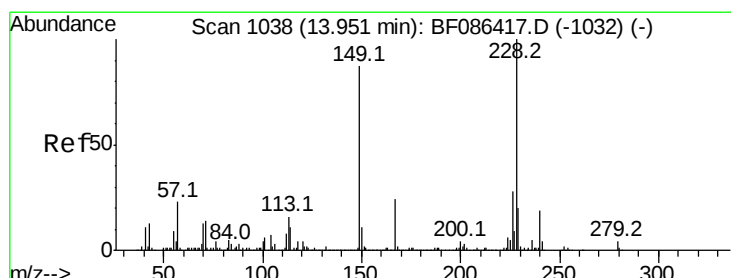
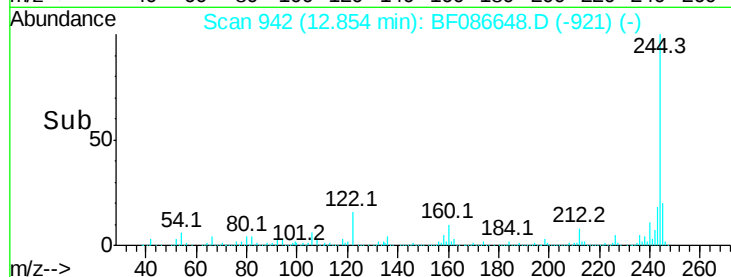
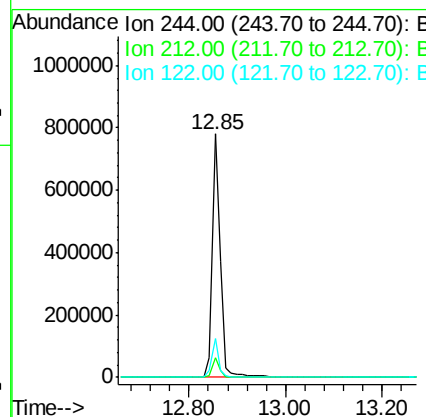
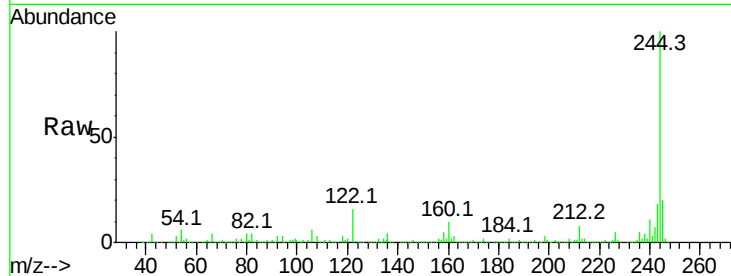
#78
 Terphenyl-d14
 Concen: 51.59 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086648.D
 Acq: 3 May 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-6(10-20FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	15.9	12.0	18.0

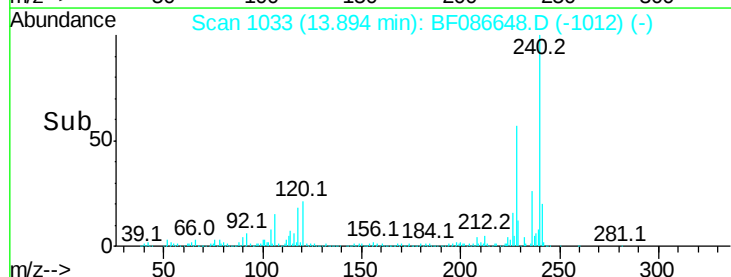
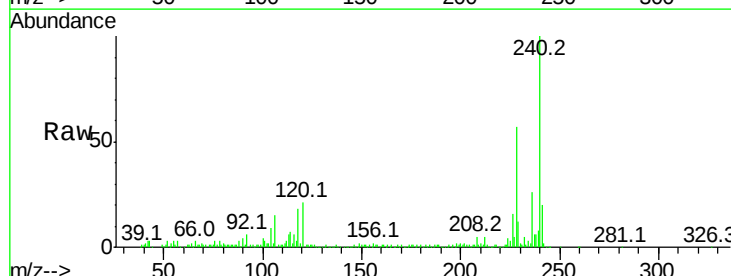
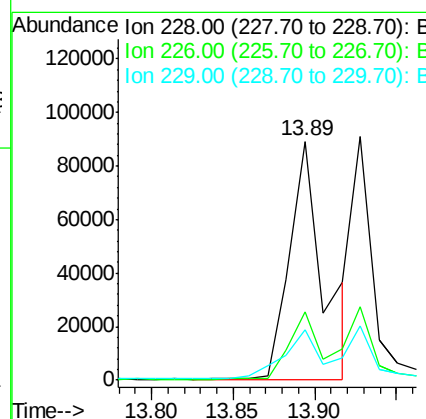
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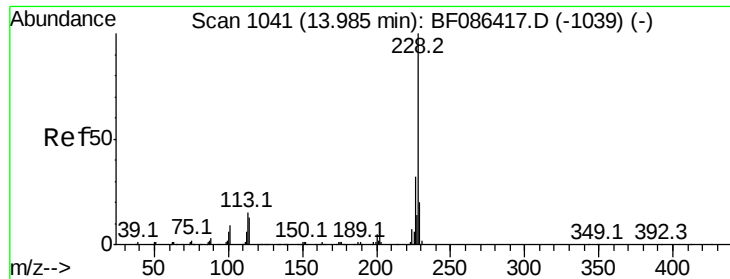
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#80
 Benzo(a)anthracene
 Concen: 6.28 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF086648.D
 Acq: 3 May 2016 16:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.1	16.6	25.0





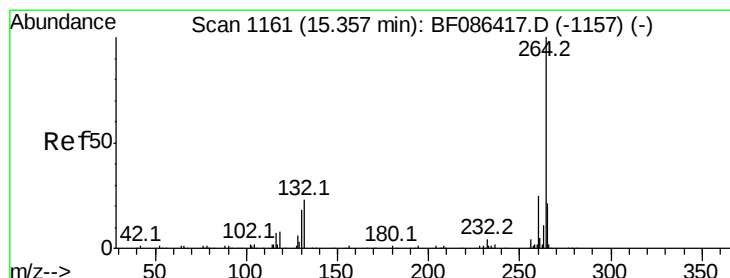
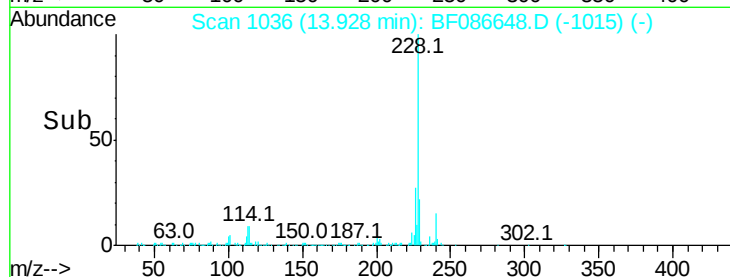
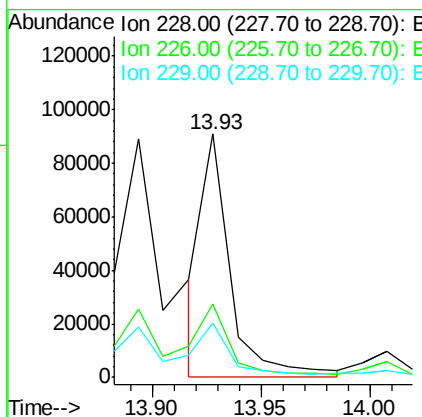
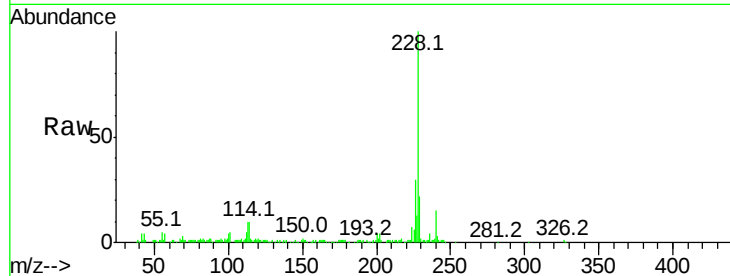
#82
Chrysene
Concen: 3.72 ng/ml
RT: 13.93 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-6(10-20FTBGS)

Tot Ion:	228	Resp:	83733
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	22.0	15.8	23.8

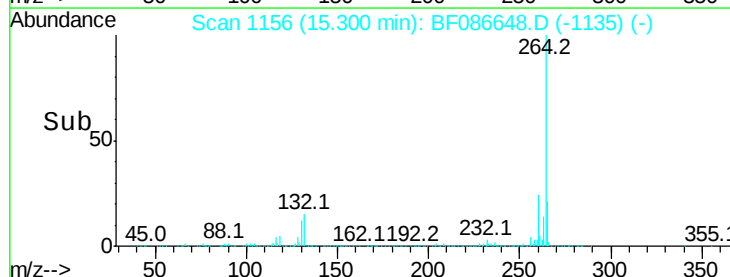
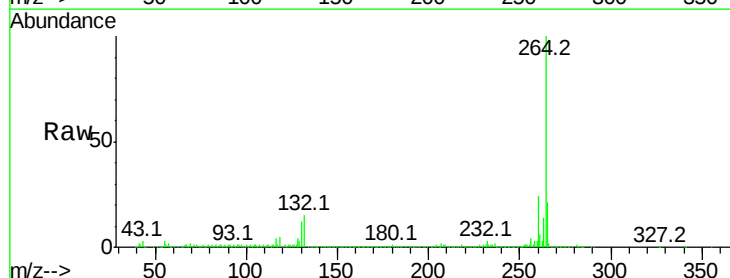
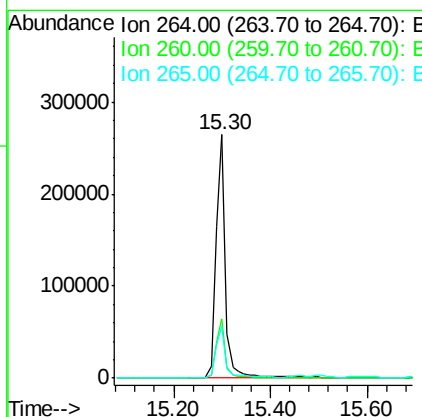
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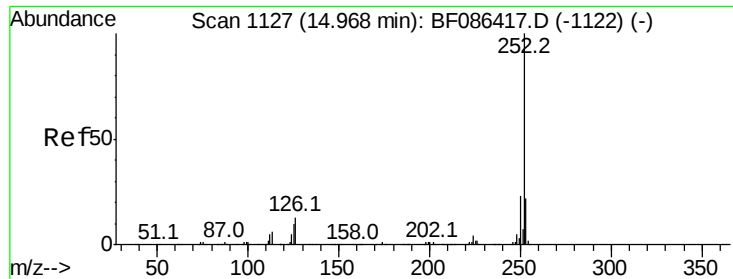
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Tgt Ion:	264	Resp:	373206
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.3	17.3	25.9





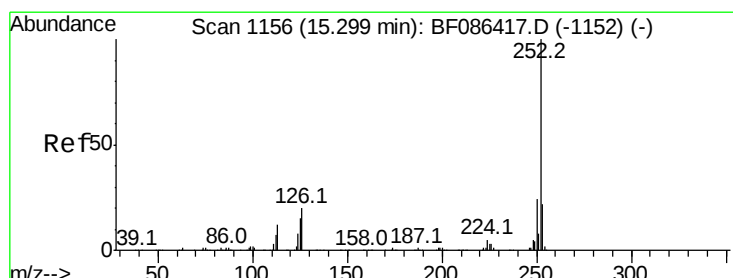
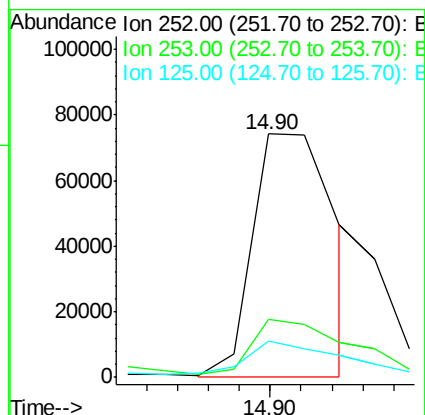
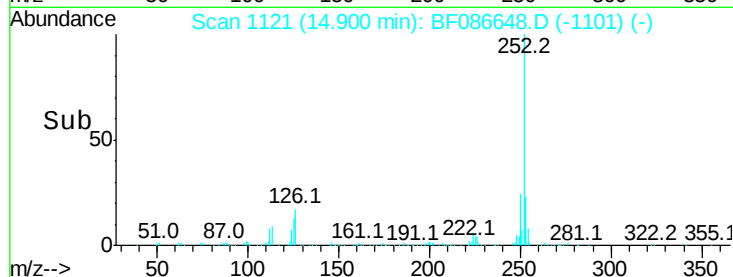
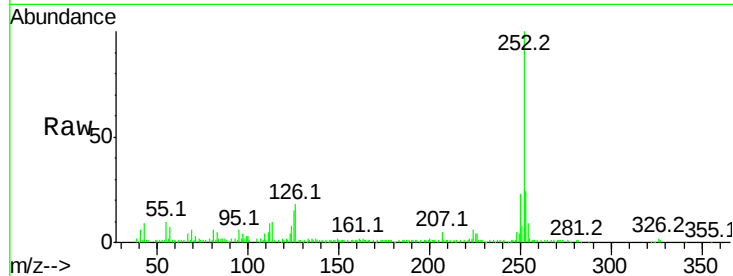
#87
Benzo(b)fluoranthene
Concen: 6.30 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.07 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-6(10-20FTBGS)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	14.7	11.4	17.0

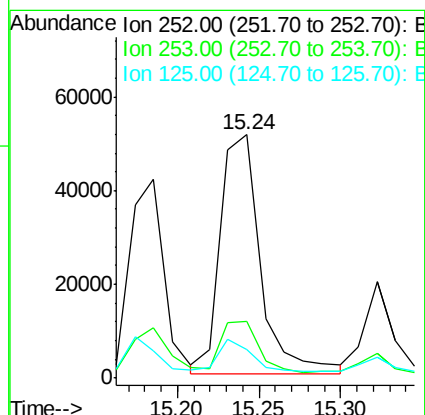
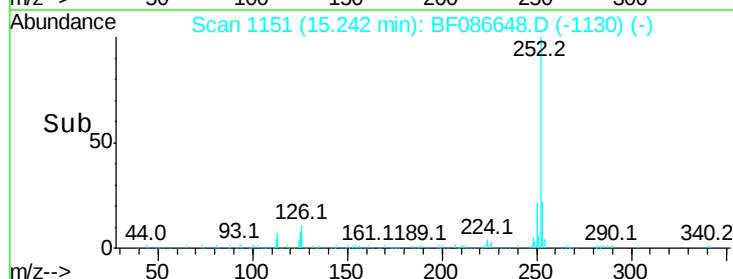
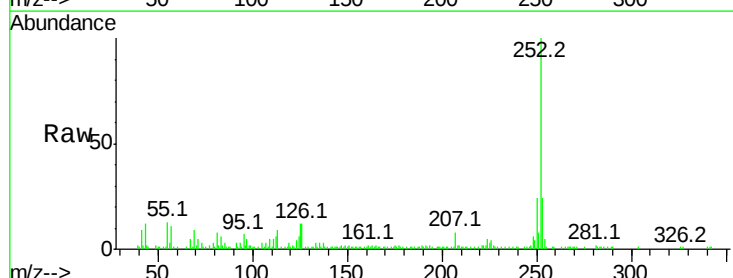
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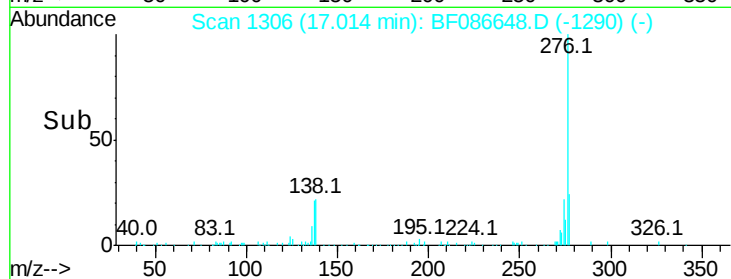
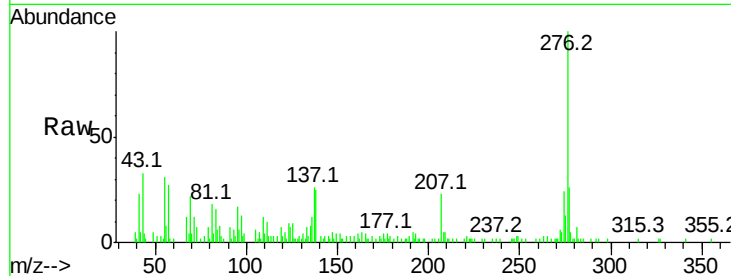
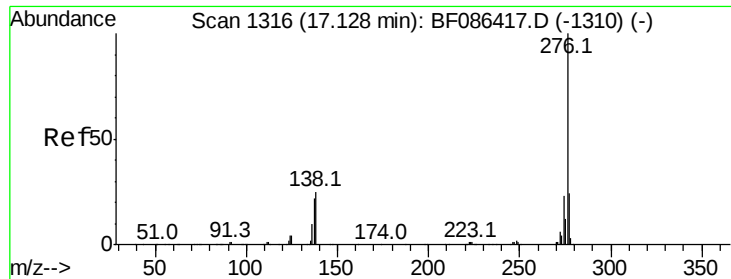
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#89
Benzo(a)pyrene
Concen: 4.23 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF086648.D
Acq: 3 May 2016 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	11.6	9.0	13.6





#91

Benzo(a,h,i)perylene

Concen: 2.48 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.11 min

Lab File: BF086648.D

Acq: 3 May 2016 16:57

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-6(10-20FTBGS)

Tot Ion: 276 Resp: 42076

Ion Ratio Lower Upper

276 100

277 26.2 19.6 29.4

138 25.2 23.6 35.4

Manual Integrations
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