

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089496.D
 Acq On : 1 Aug 2016 5:31
 Operator : UM/SJ
 Sample : H4215-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Manual Integrations
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Quant Time: Aug 01 07:26:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	52277	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	197253	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	77414	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	131218	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	103213	20.00	ng	-0.01
86) Perylene-d12	14.95	264	81157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	366305	111.88	ng	0.00
7) Phenol-d6	6.16	99	472259	109.15	ng	-0.01
23) Nitrobenzene-d5	7.07	82	304526	91.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	67442	105.19	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	437581	82.95	ng	-0.01
78) Terphenyl-d14	12.58	244	313284	71.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	95395	16.19	ng	96
74) Fluoranthene	12.19	202	20306	2.85	ng	94
77) Pyrene	12.42	202	19490	2.49	ng	98
80) Benzo(a)anthracene	13.61	228	12771m	2.19	ng	
87) Benzo(b)fluoranthene	14.61	252	13932m	2.76	ng	
91) Benzo(g,h,i)perylene	16.48	276	10006	2.86	ng	91

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

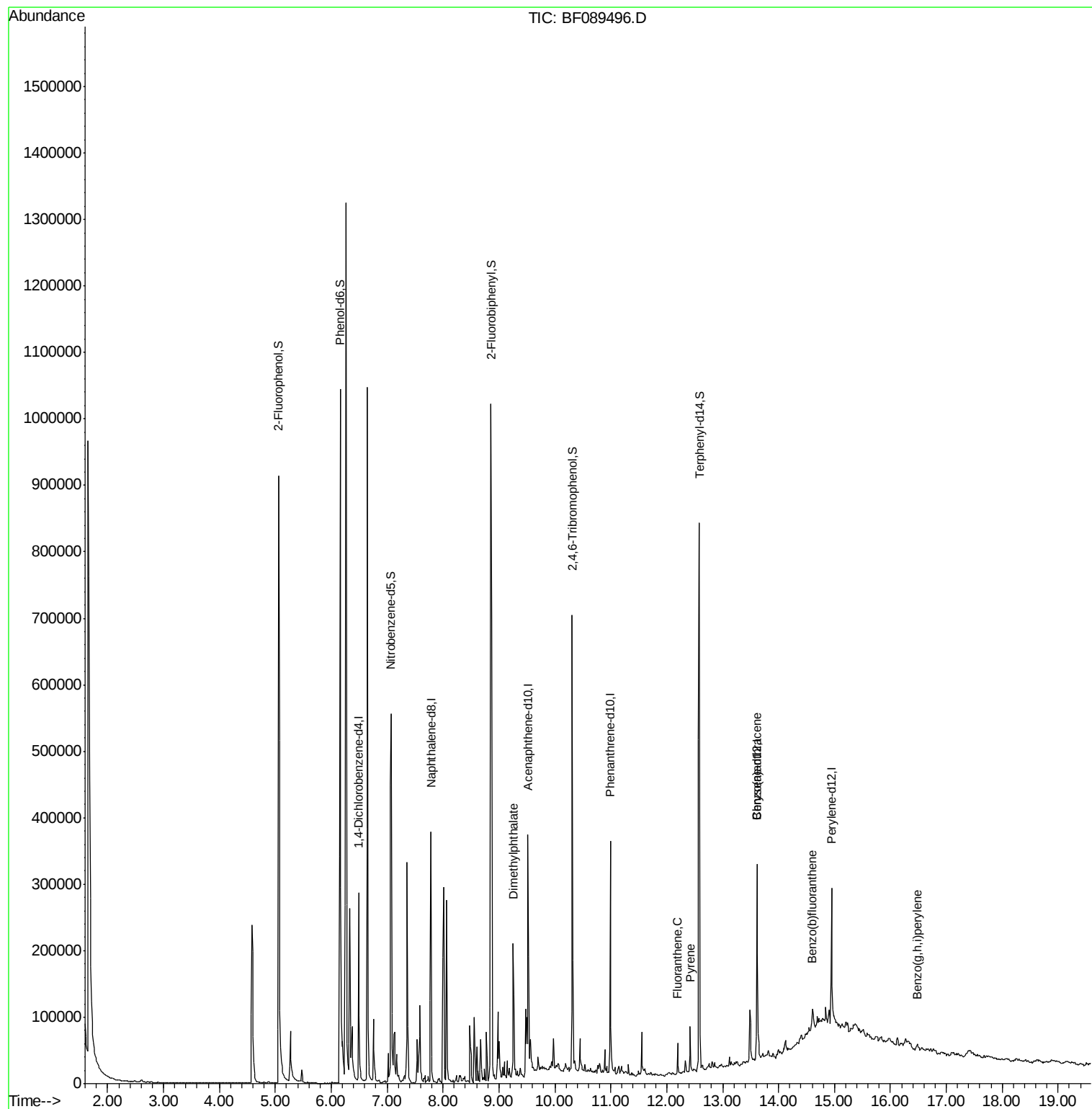
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089496.D
Acq On : 1 Aug 2016 5:31
Operator : UM/SJ
Sample : H4215-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

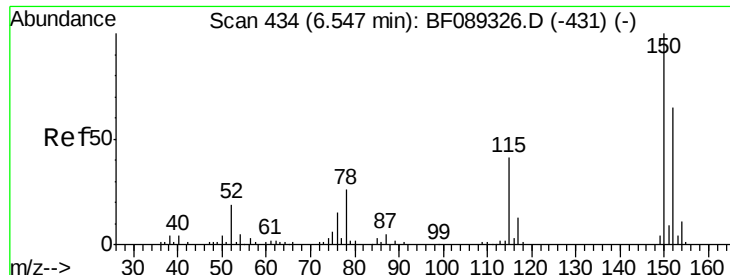
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Quant Time: Aug 01 07:26:42 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

Instrument :

BNA_F

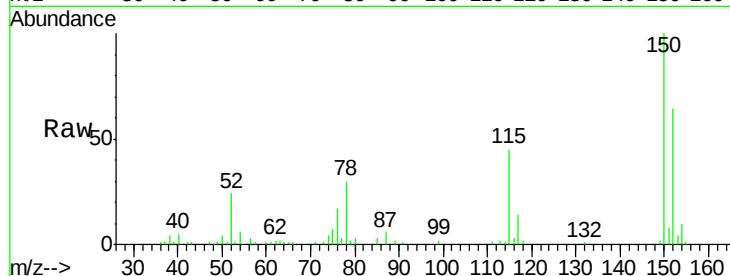
ClientSampleId :

SB-14-COMP

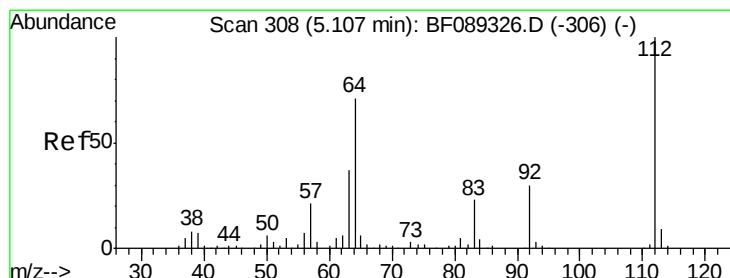
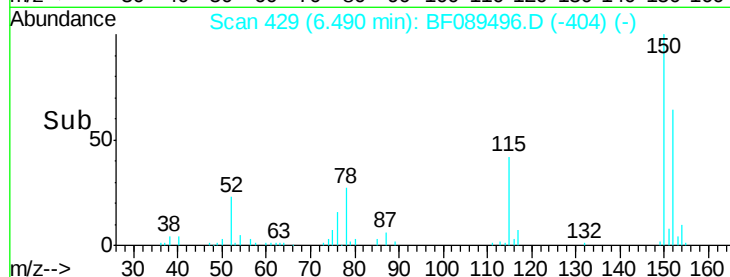
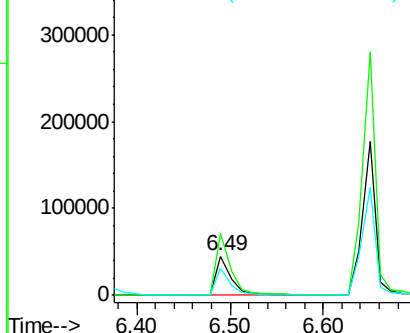
Tot Ion:	152	Resp:	52277
Ion Ratio	Lower	Upper	
152	100		
150	156.6	129.5	194.3
115	70.7	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 111.88 ng

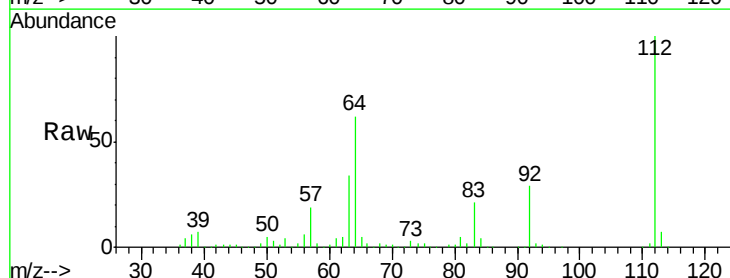
RT: 5.06 min Scan# 304

Delta R.T. -0.00 min

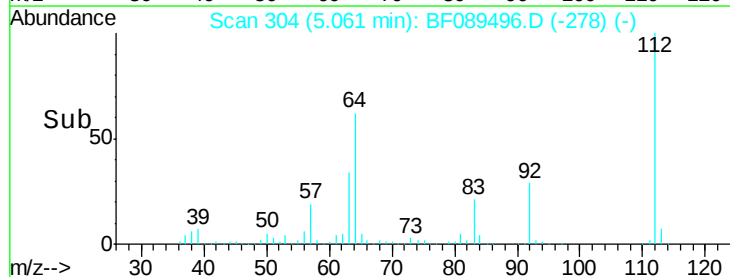
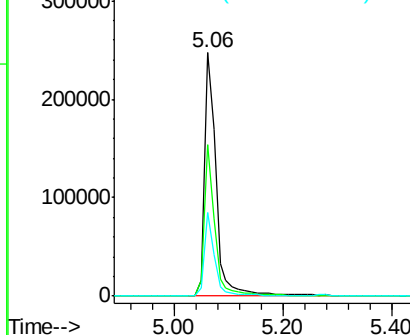
Lab File: BF089496.D

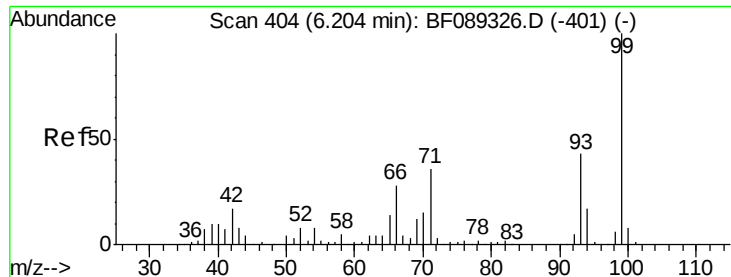
Acq: 1 Aug 2016 5:31

Tgt Ion:	112	Resp:	366305
Ion Ratio	Lower	Upper	
112	100		
64	62.5	55.0	82.6
63	34.3	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.15 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

Instrument :

BNA_F

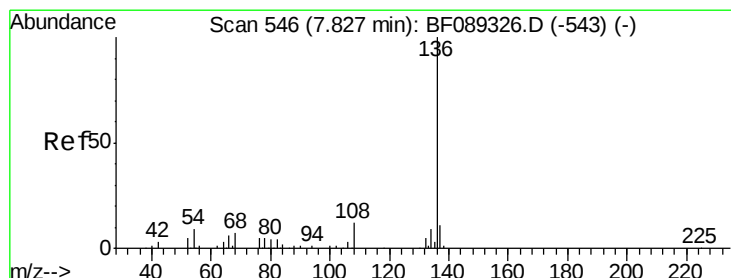
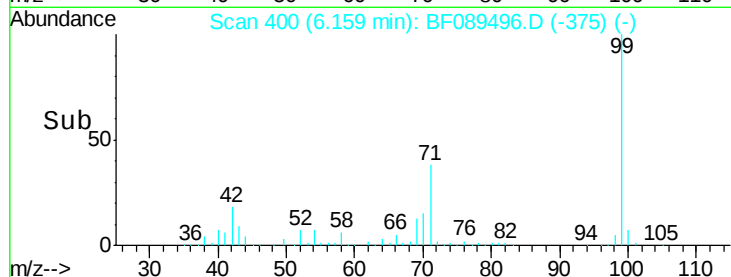
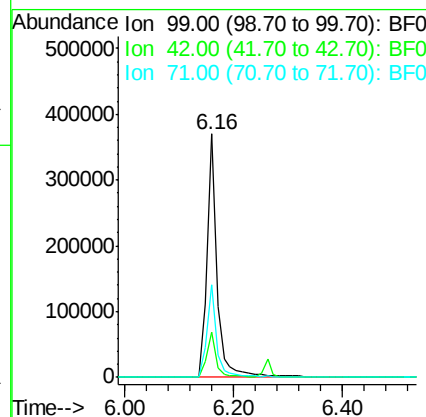
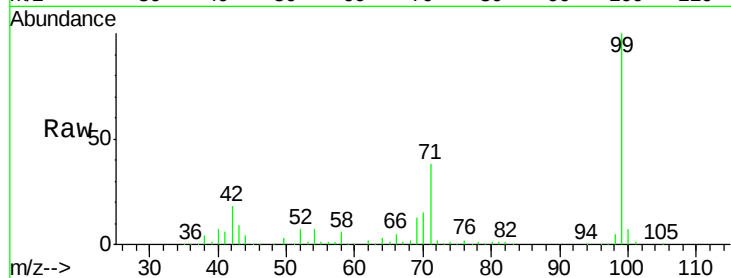
ClientSampleId :

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Tot Ion:	99	Resp:	472259
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.6	20.4
71	38.2	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.00 ng

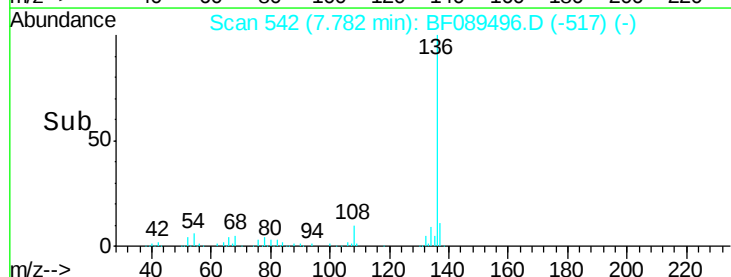
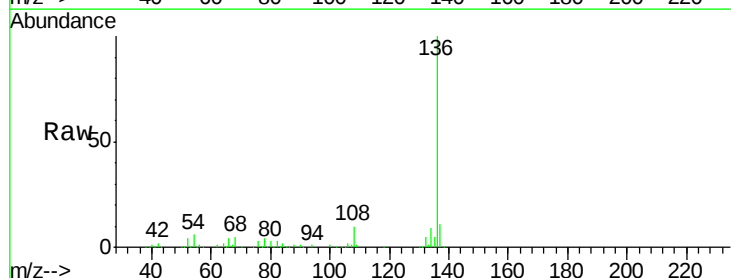
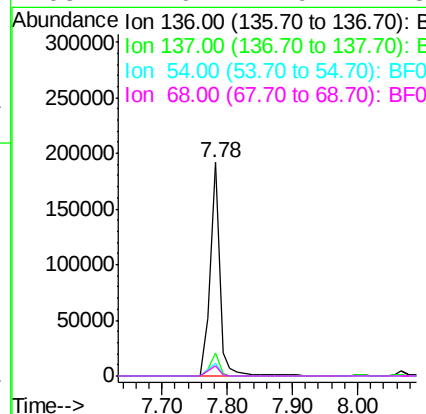
RT: 7.78 min Scan# 542

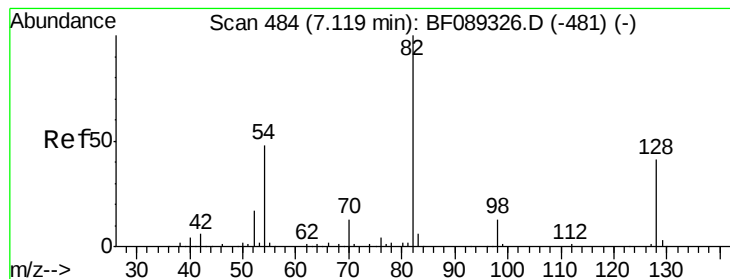
Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

Tgt Ion:	136	Resp:	197253
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	6.2	7.0	10.4
68	4.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 91.13 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

Tot Ion: 82 Resp: 304526

Ion Ratio Lower Upper

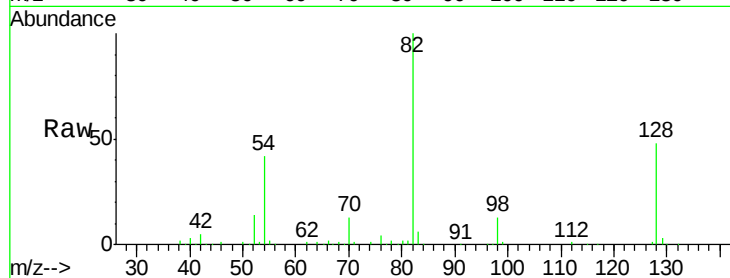
82 100

128 48.3 32.5 48.7

54 42.3 38.8 58.2

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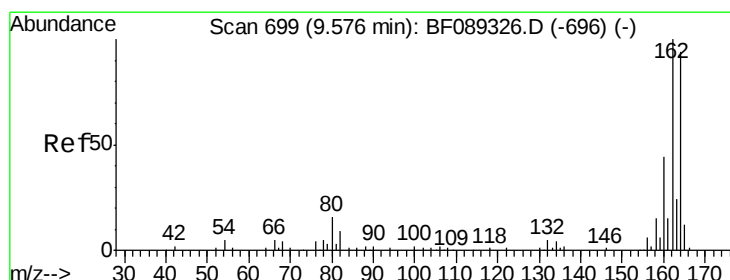
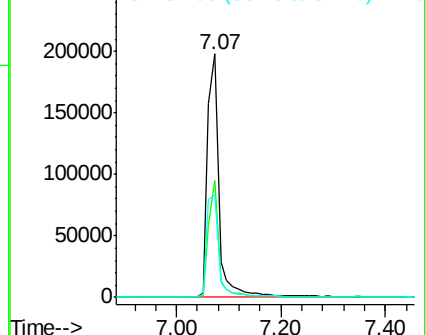
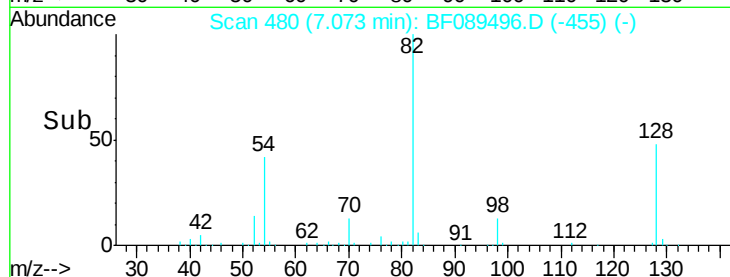
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Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.52 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

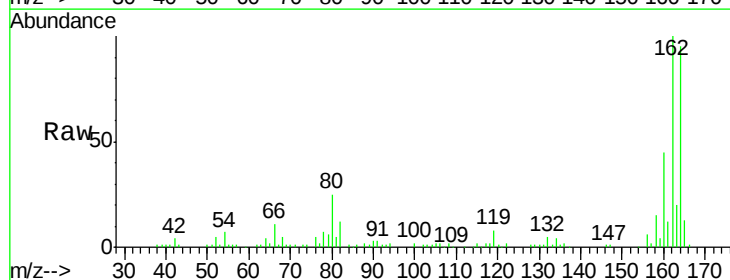
Tgt Ion:164 Resp: 77414

Ion Ratio Lower Upper

164 100

162 104.9 83.7 125.5

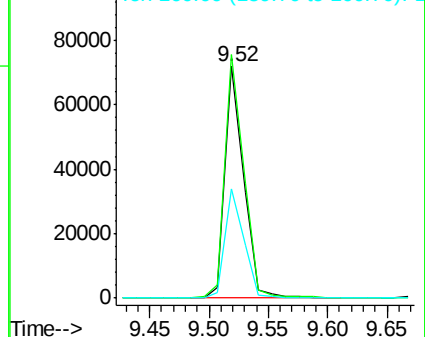
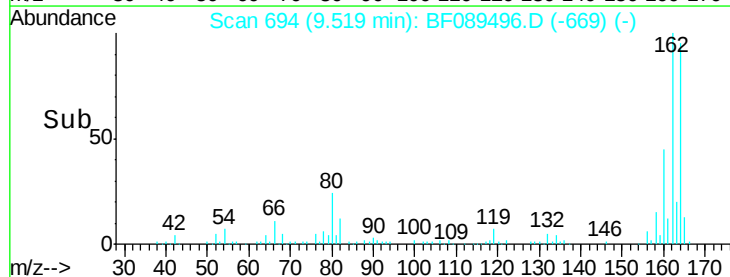
160 46.8 37.8 56.6



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





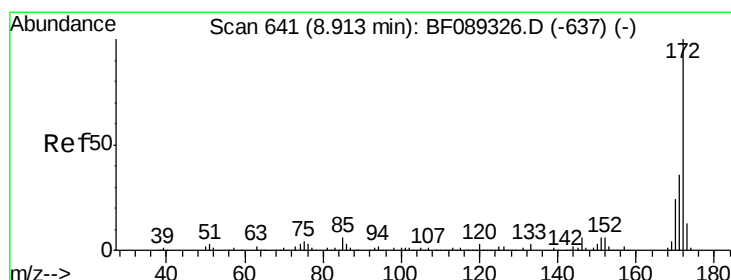
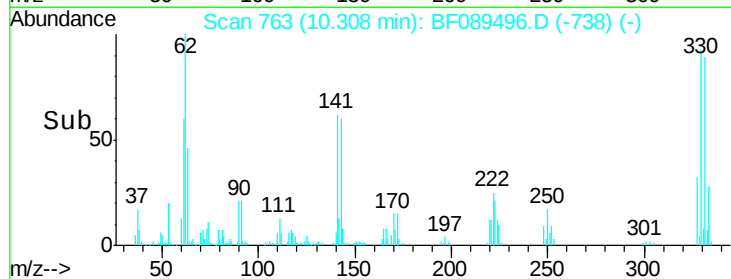
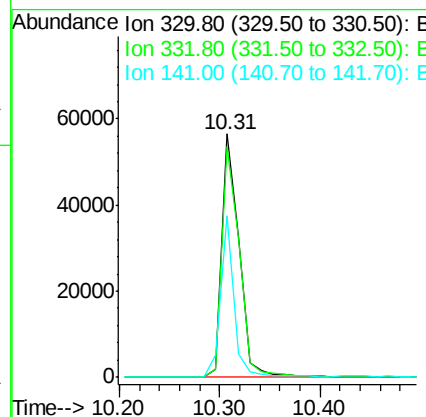
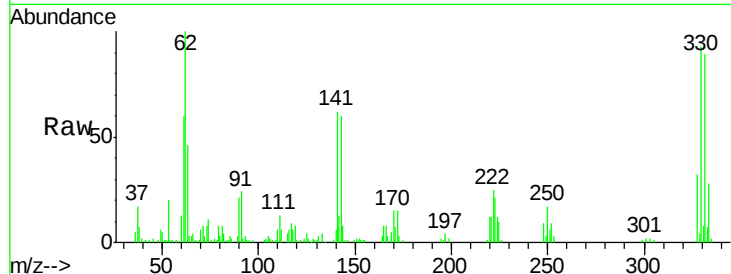
#41
 2,4,6-Tribromophenol
 Concen: 105.19 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089496.D
 Acq: 1 Aug 2016 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	52.6	37.3	55.9

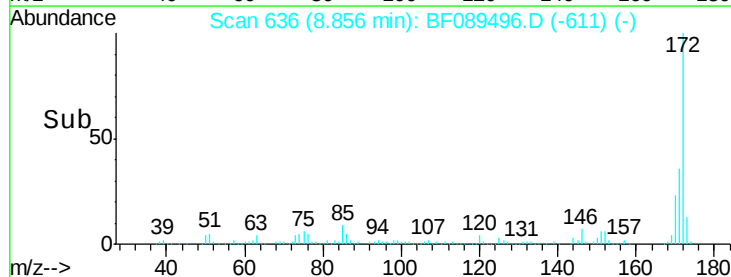
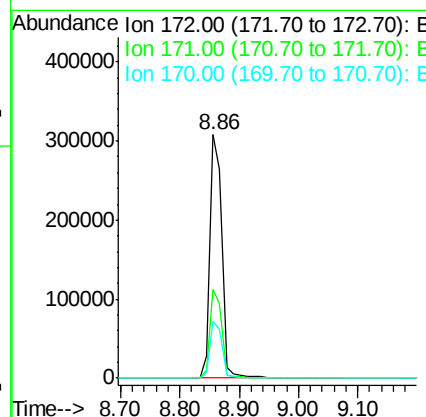
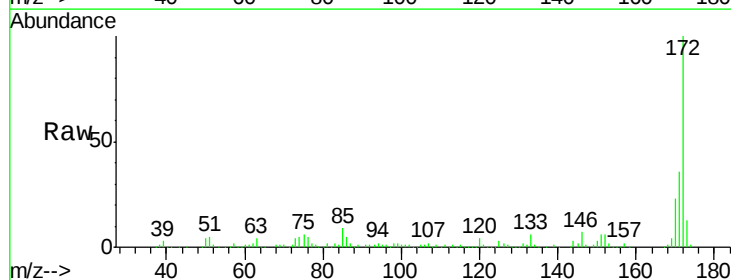
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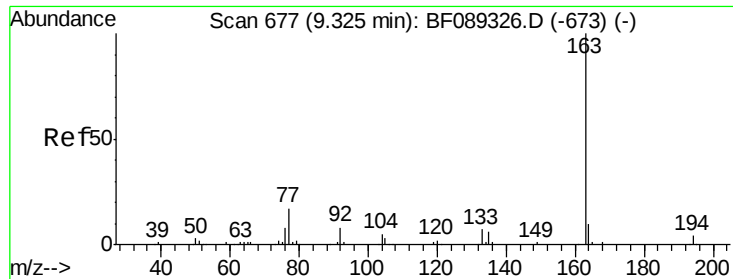
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#44
 2-Fluorobiphenyl
 Concen: 82.95 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089496.D
 Acq: 1 Aug 2016 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.4	19.2	28.8





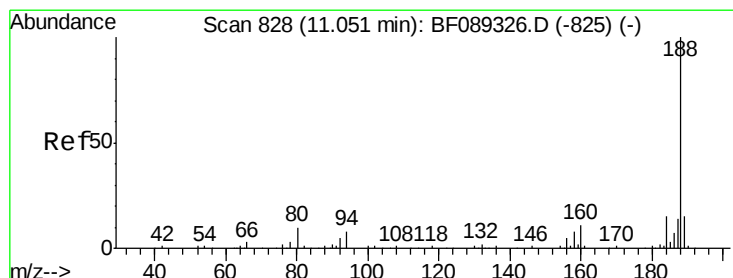
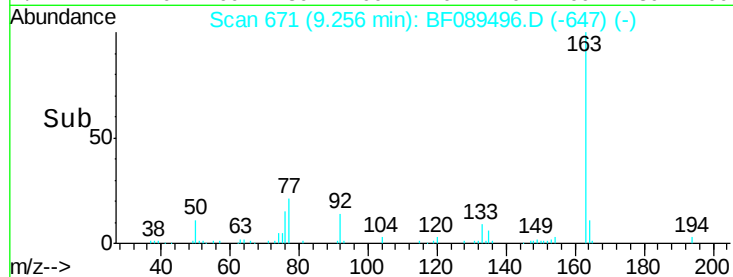
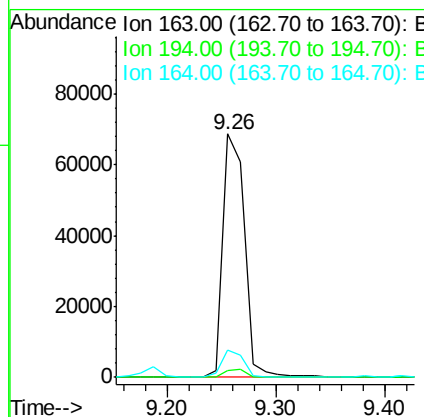
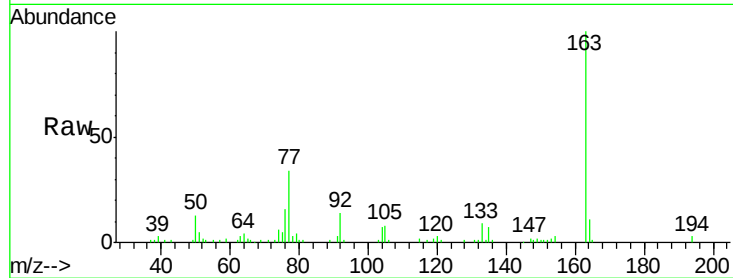
#49
Dimethylphthalate
Concen: 16.19 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	2.9	2.8	4.2
164	11.3	7.8	11.8

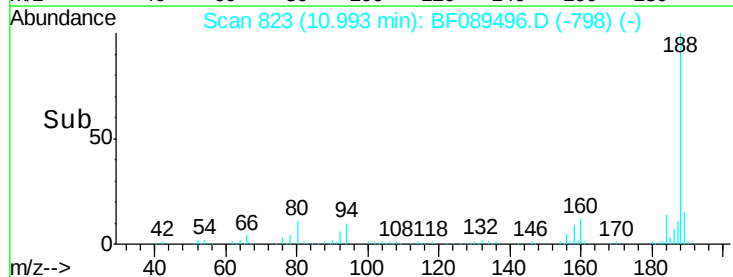
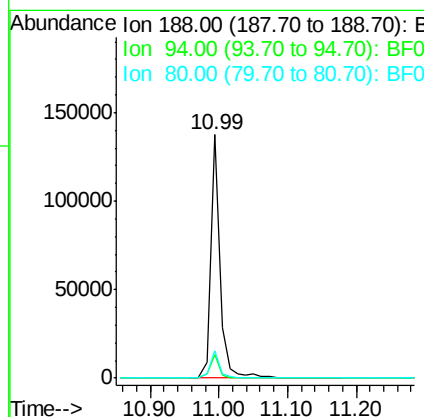
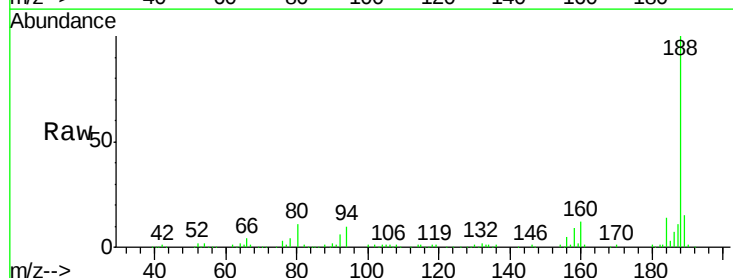
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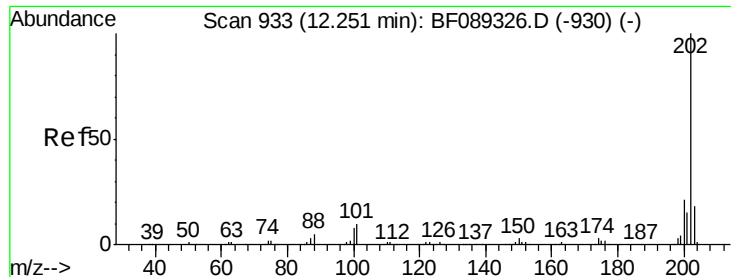
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	6.5	9.7#
80	11.4	7.2	10.8#





#74

Fluoranthene

Concen: 2.85 ng

RT: 12.19 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

Instrument :

BNA_F

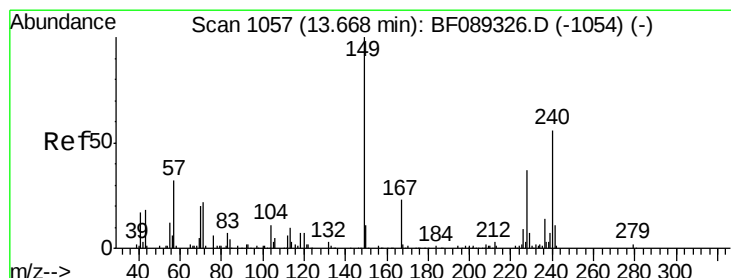
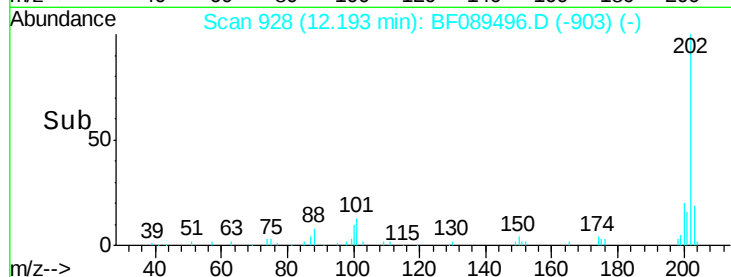
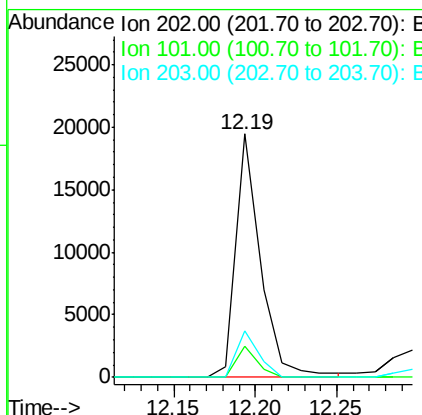
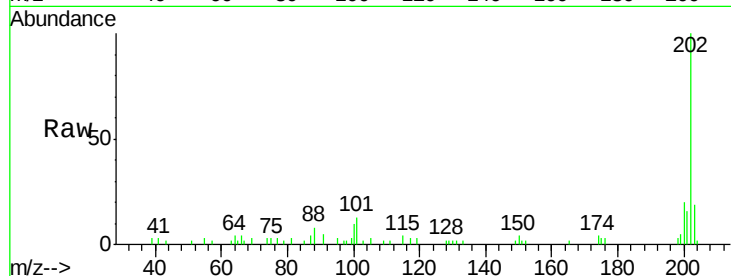
ClientSampleId :

SB-14-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		20306		
101	13.0	0.0	29.9		
203	19.1	0.0	37.3		

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#75

Chrysene-d12

Concen: 20.00 ng

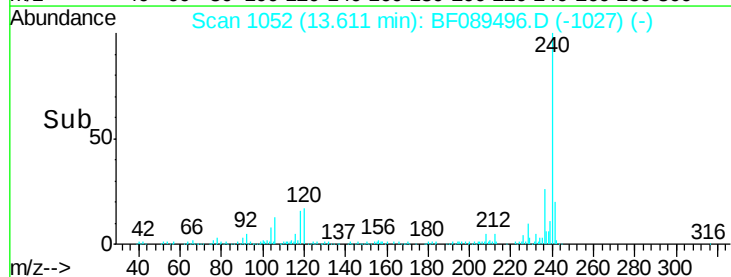
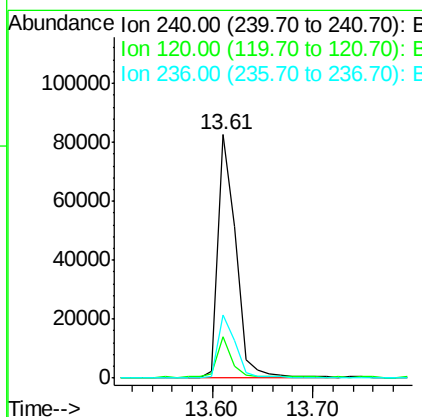
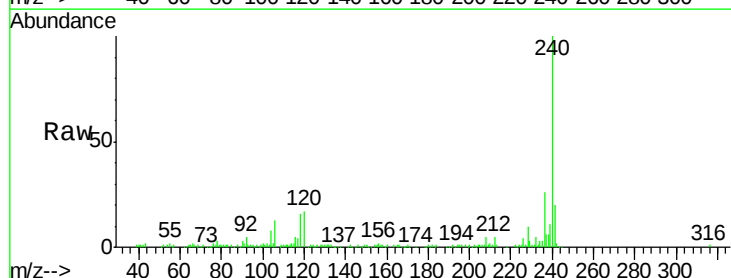
RT: 13.61 min Scan# 1052

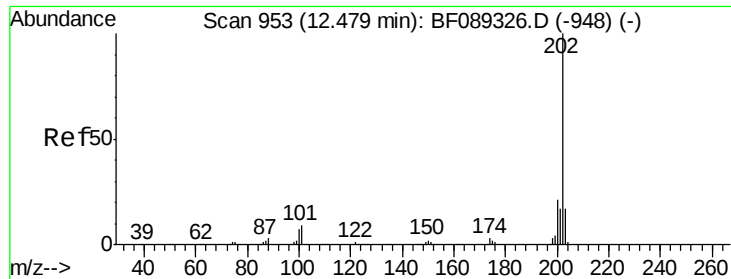
Delta R.T. -0.01 min

Lab File: BF089496.D

Acq: 1 Aug 2016 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		103213		
120	17.2	9.1	13.7#		
236	25.9	20.6	30.8		





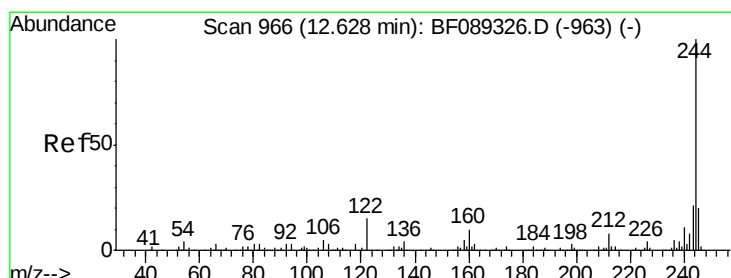
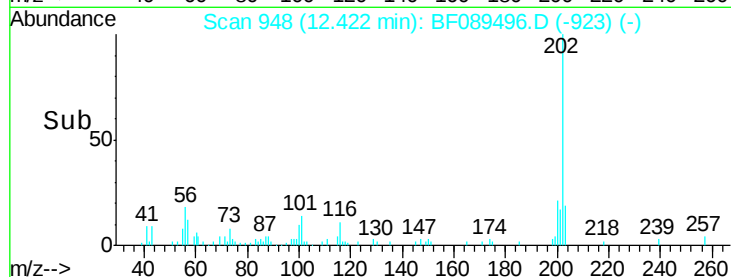
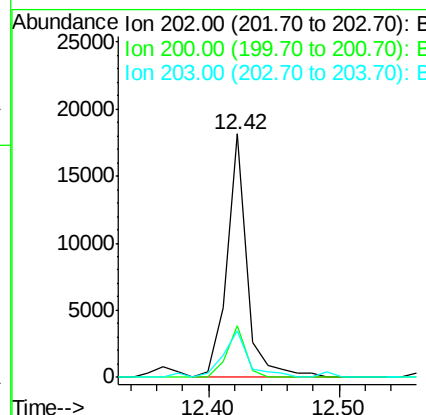
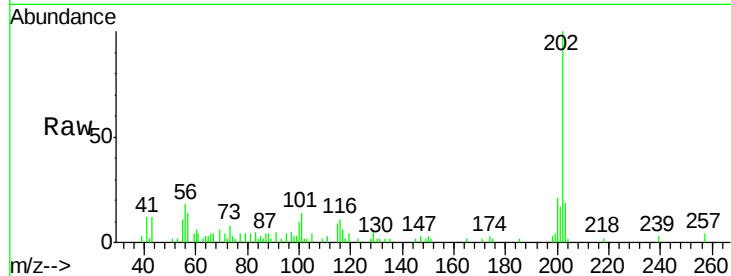
#77
Pvrene
Concen: 2.49 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	19.1	14.0	21.0

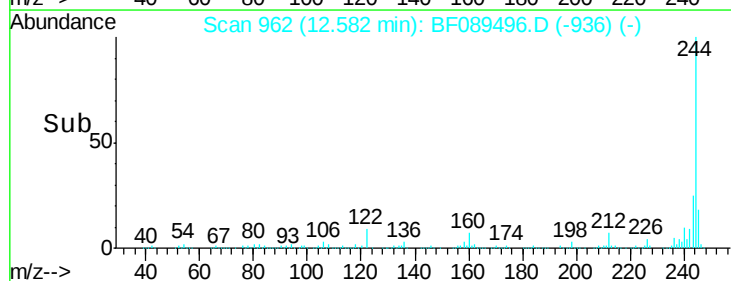
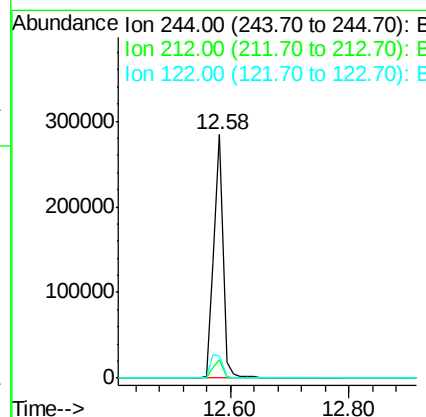
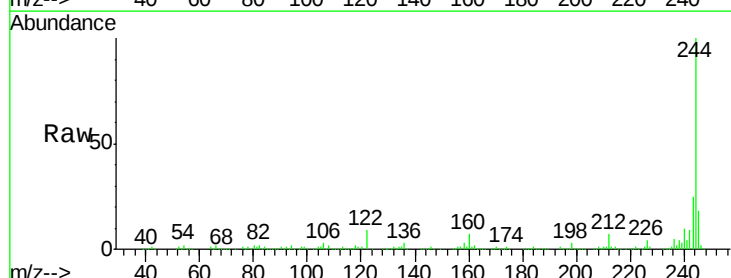
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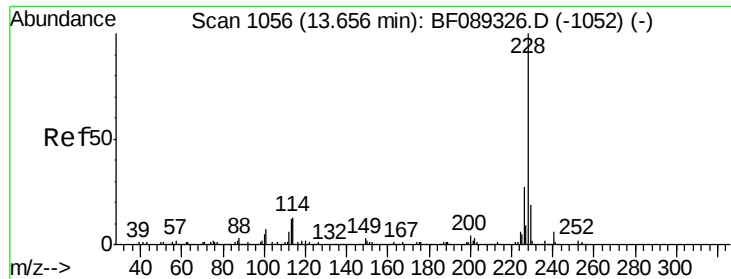
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#78
Terphenyl-d14
Concen: 71.04 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.1	11.4	17.0





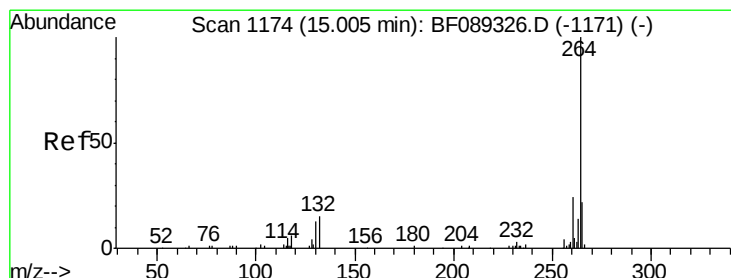
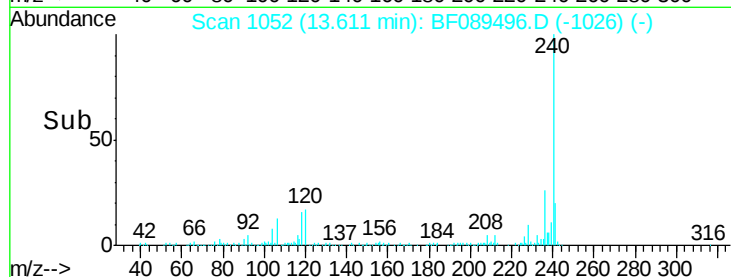
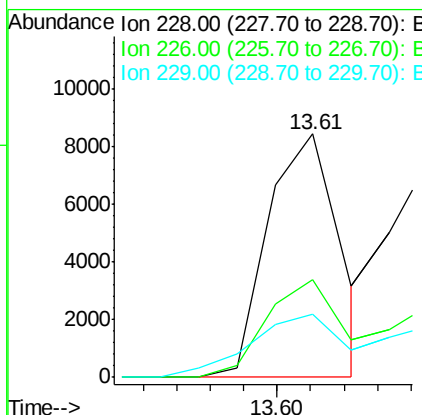
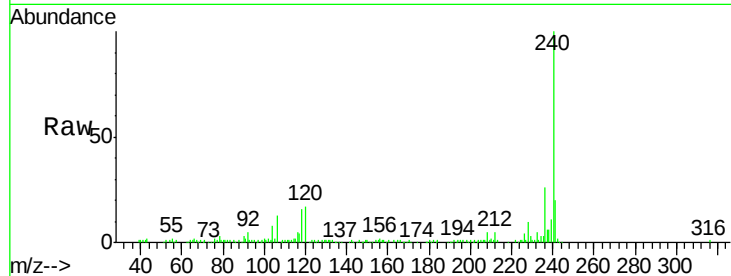
#80
Benzo(a)anthracene
Concen: 2.19 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.2	21.4	32.2#
229	26.0	15.9	23.9#

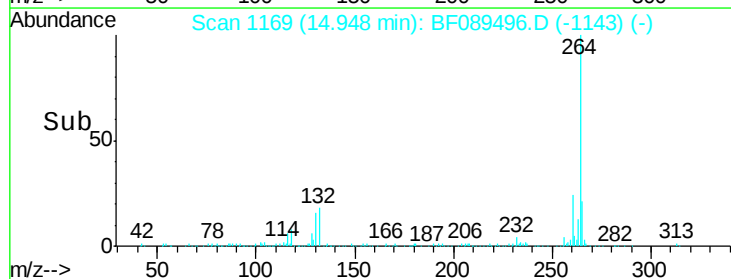
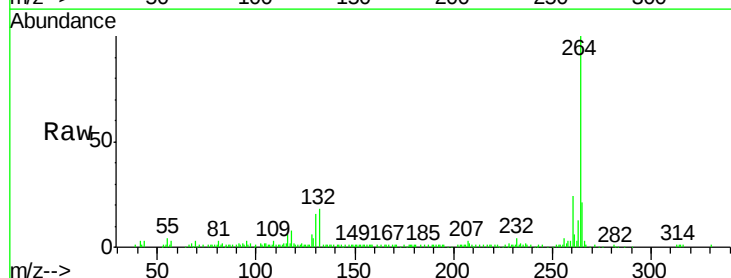
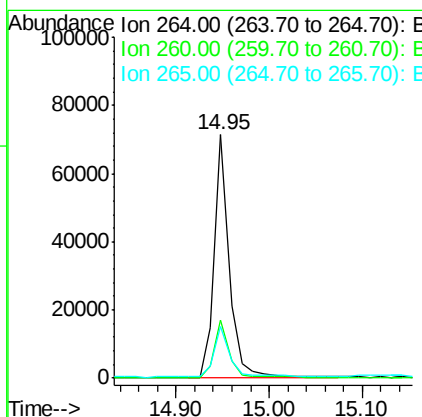
Manual Integrations
APPROVED

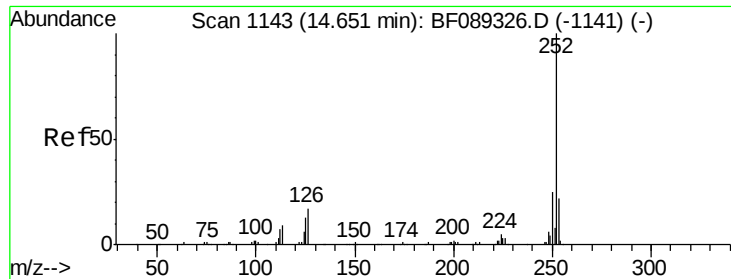
sohil
8/1/2016 7:17:03 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.4	17.5	26.3





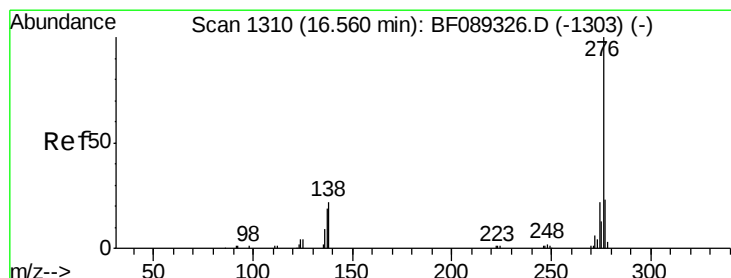
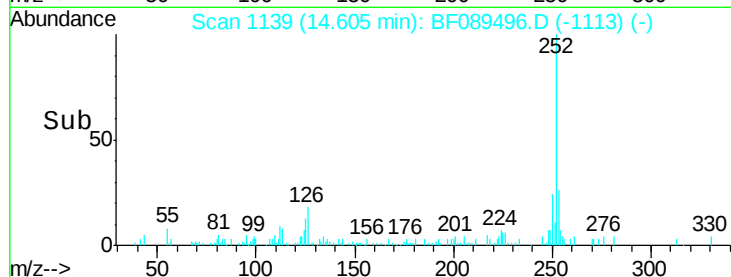
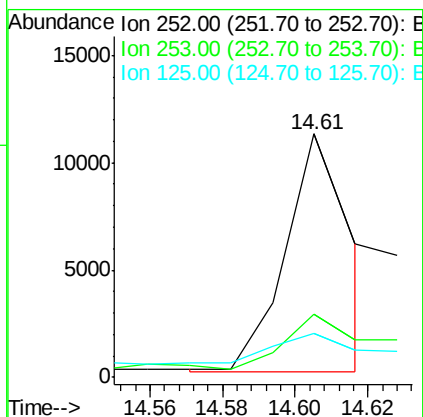
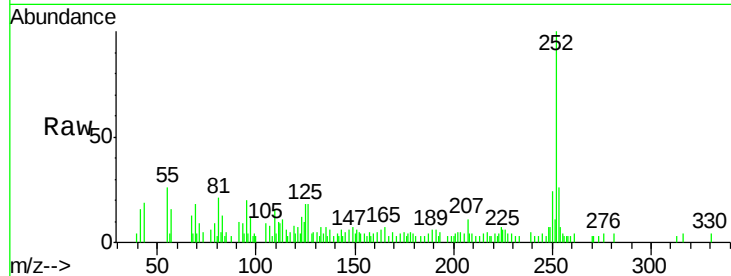
#87
Benzo(b)fluoranthene
Concen: 2.76 ng m
RT: 14.61 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.2	25.8#
125	18.2	9.7	14.5#

Manual Integrations
APPROVED

sohil
8/1/2016 7:17:03 PM



#91
Benzo(g,h,i)perylene
Concen: 2.86 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF089496.D
Acq: 1 Aug 2016 5:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	28.0
138	30.8	21.4	32.0

