

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089249.D
 Acq On : 23 Jul 2016 23:28
 Operator : UM/SJ
 Sample : H4129-11
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-14-0.2-2.0

Manual Integrations

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Quant Time: Jul 25 04:49:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46765	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	206678	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	85939	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	130552	20.00	ng	0.00
75) Chrysene-d12	13.70	240	91231	20.00	ng	-0.01
86) Perylene-d12	15.05	264	91313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	328786	106.93	ng	0.01
7) Phenol-d6	6.24	99	450086	113.51	ng	0.00
23) Nitrobenzene-d5	7.15	82	283677	72.93	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	69640	90.00	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	494078	79.21	ng	0.00
78) Terphenyl-d14	12.66	244	257023	61.11	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.88	128	26116	2.34	ng	99
37) 2-Methylnaphthalene	8.58	142	23622	3.32	ng	100
49) Dimethylphthalate	9.35	163	156257	23.69	ng	100
70) Phenanthrene	11.11	178	24803	3.46	ng	99
74) Fluoranthene	12.29	202	24059	3.20	ng	97
77) Pyrene	12.51	202	21814	2.90	ng	98
80) Benzo(a)anthracene	13.69	228	13692	2.36	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.26	276	9254	2.30	ng	# 84
87) Benzo(b)fluoranthene	14.70	252	16333m	2.47	ng	
89) Benzo(a)pyrene	14.99	252	11233	2.19	ng	# 89
91) Benzo(g,h,i)perylene	16.63	276	9472	2.32	ng	# 88

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

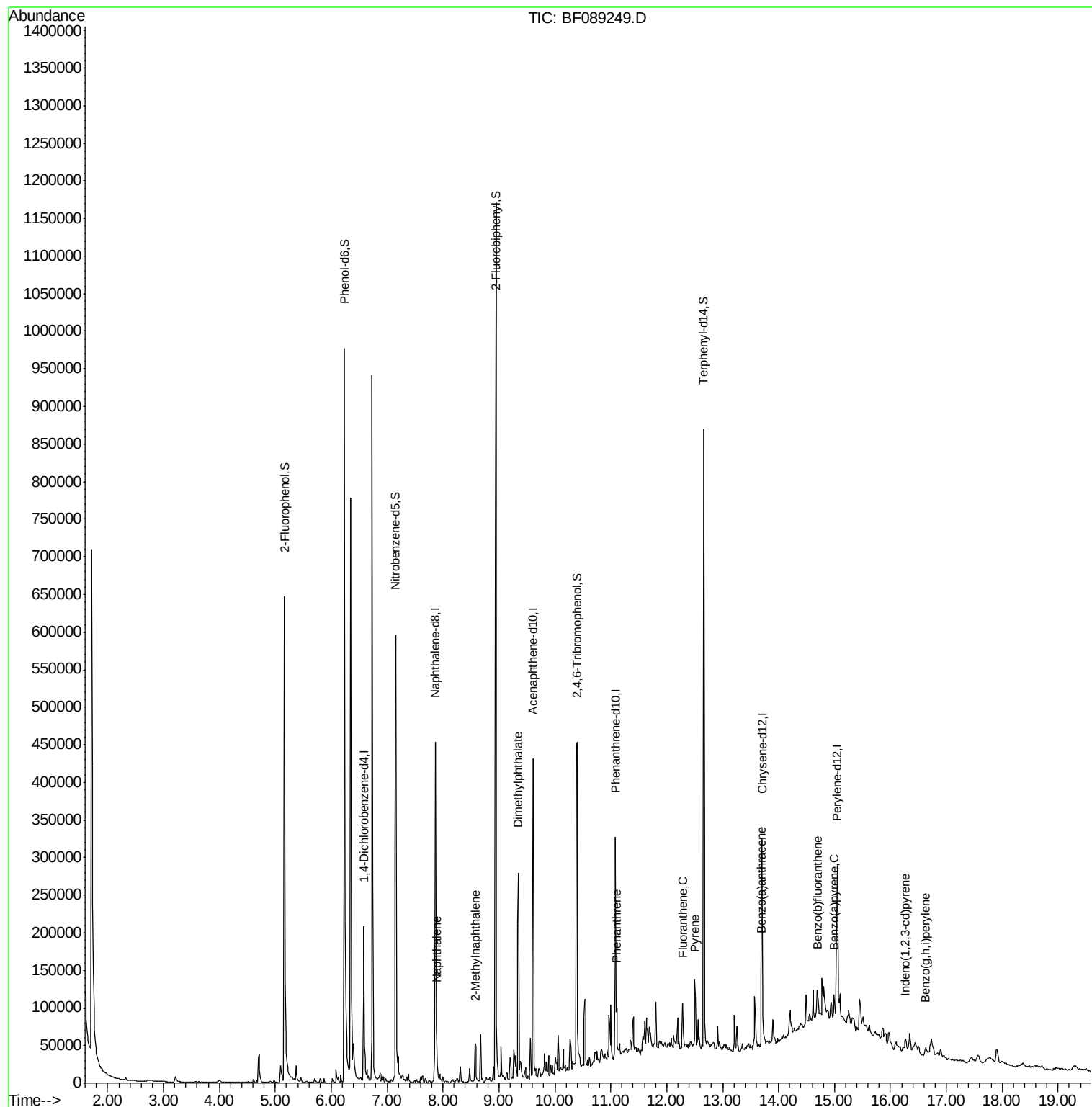
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089249.D
Acq On : 23 Jul 2016 23:28
Operator : UM/SJ
Sample : H4129-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

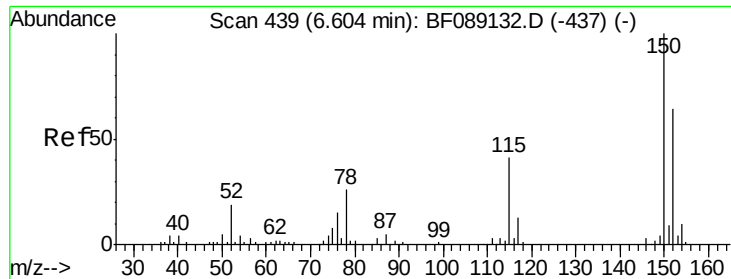
Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Manual Integrations

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Quant Time: Jul 25 04:49:52 2016
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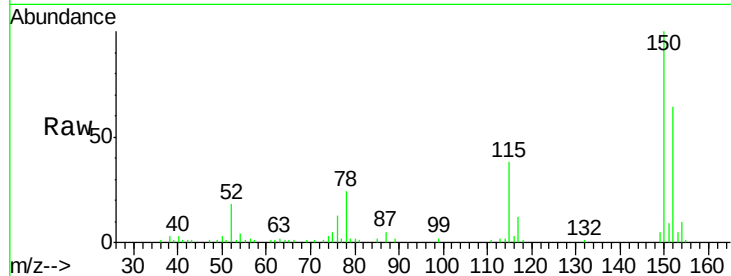




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

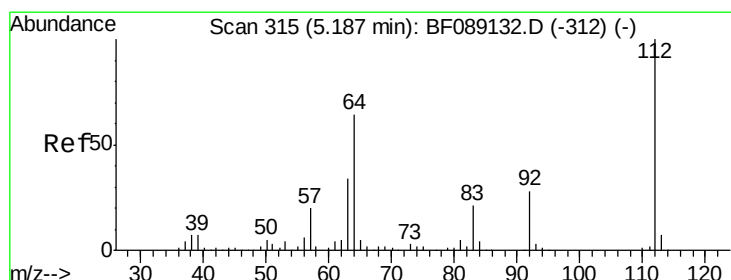
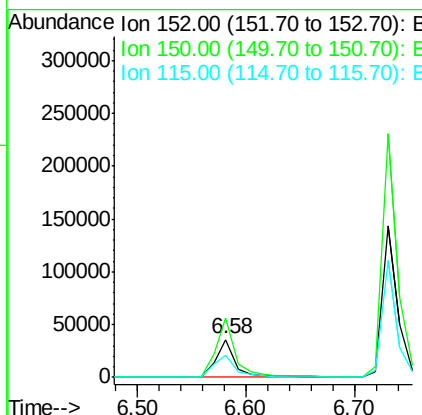
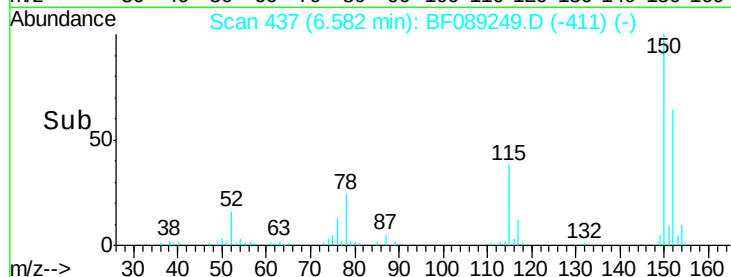
Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.1	187.7
115	59.6	51.1	76.7

Manual Integrations

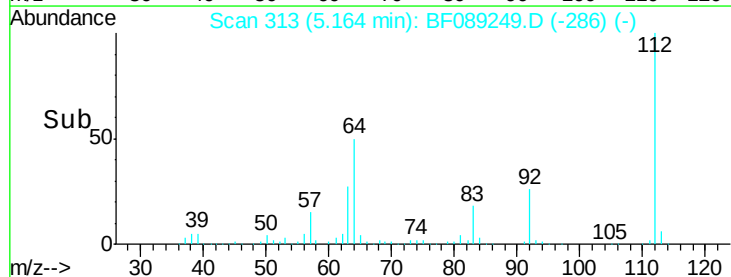
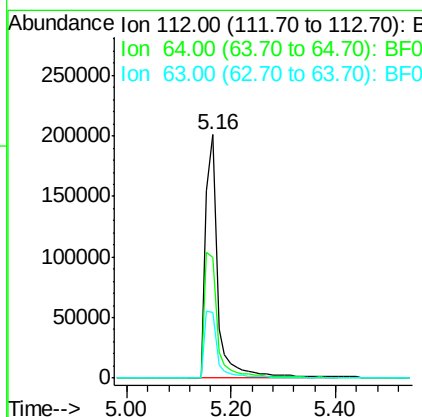
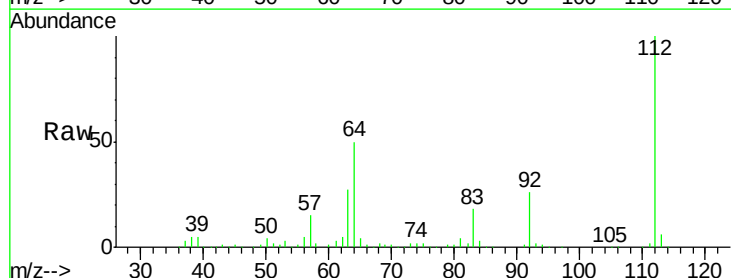
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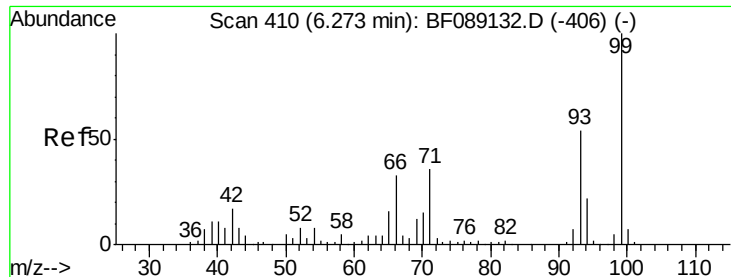


#5

2-Fluorophenol
Concen: 106.93 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.01 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.7	51.0	76.4#
63	26.8	27.3	40.9#





#7

Phenol-d6

Concen: 113.51 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

KSB-14-0.2-2.0

Tgt Ion: 99 Resp: 450086

Ion Ratio Lower Upper

99 100

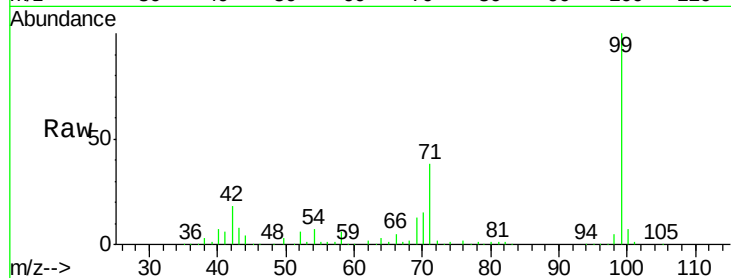
42 18.1 13.5 20.3

71 37.8 28.9 43.3

Manual Integrations

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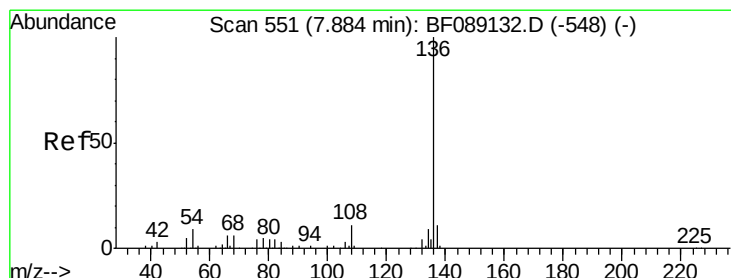
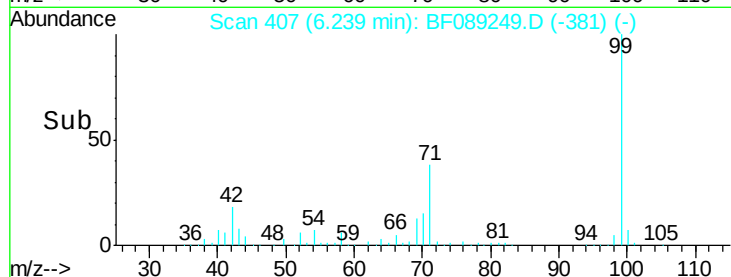
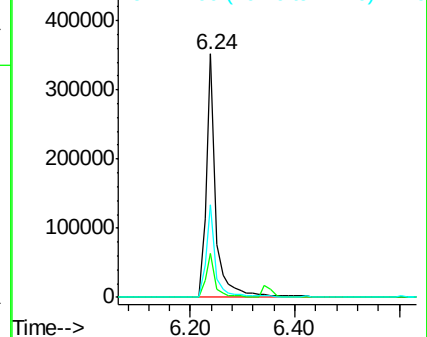
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Tgt Ion: 136 Resp: 206678

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.3 7.0 10.4

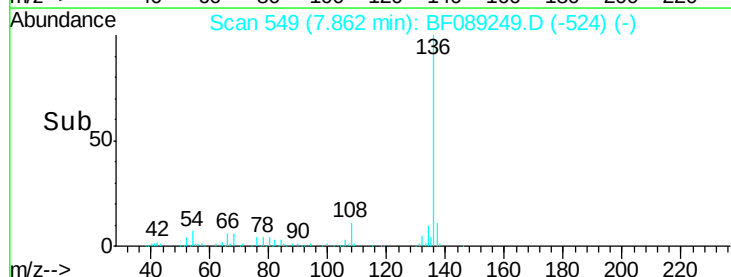
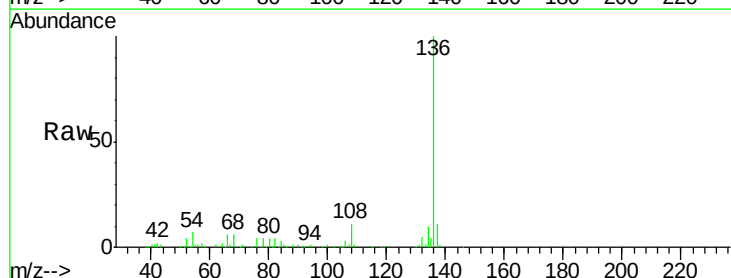
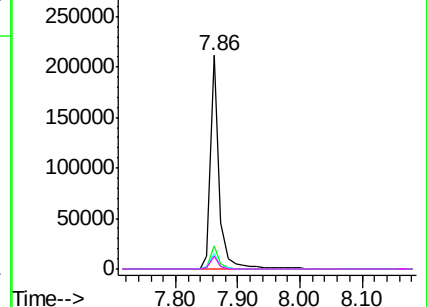
68 5.8 5.0 7.6

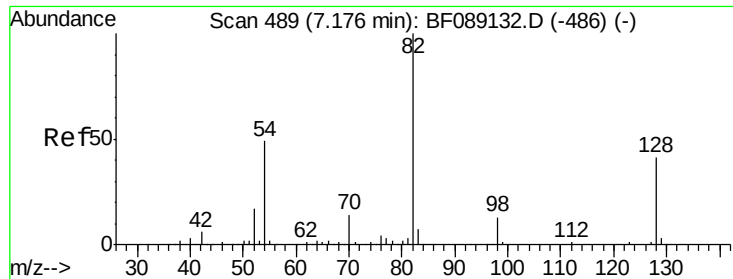
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





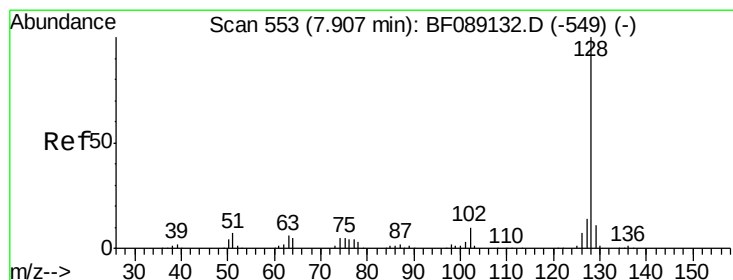
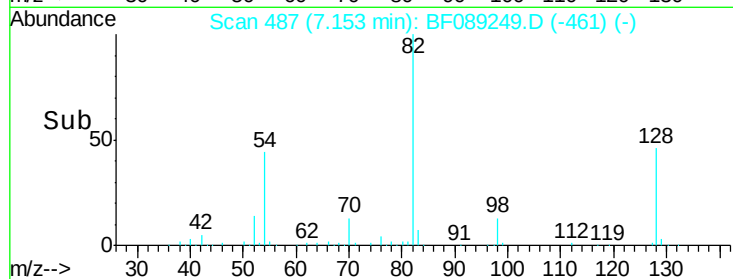
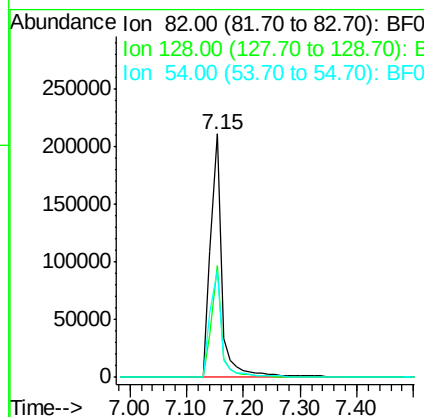
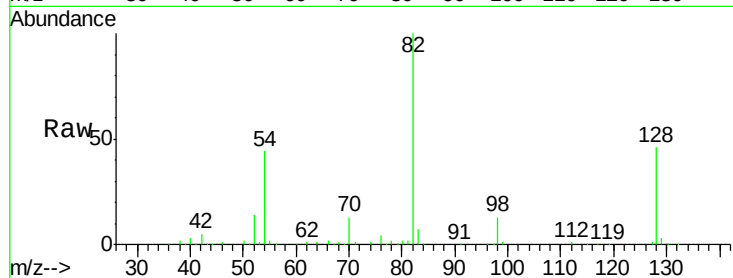
#23
Nitrobenzene-d5
Concen: 72.93 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.0	49.6
54	43.8	39.0	58.4

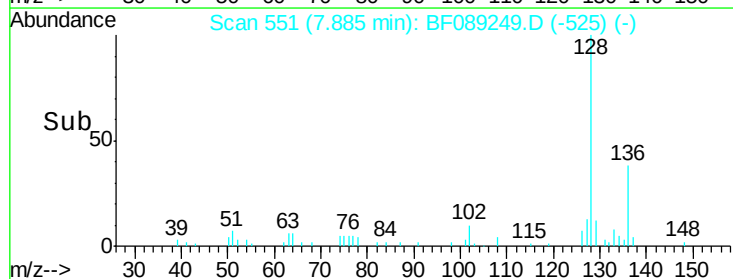
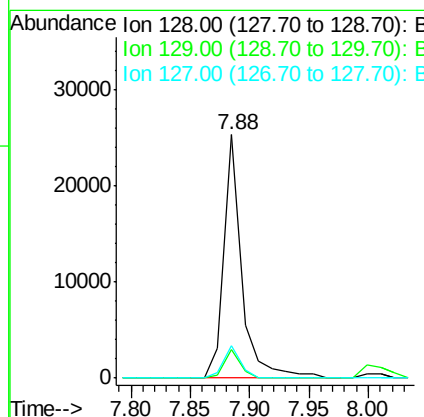
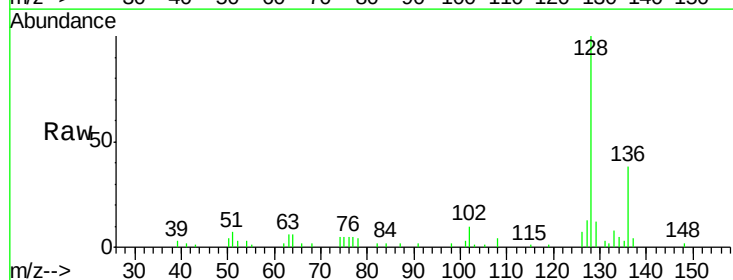
Manual Integrations

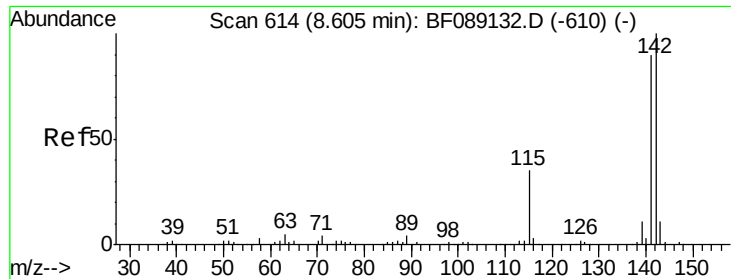
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#31
Naphthalene
Concen: 2.34 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.3	10.8	16.2





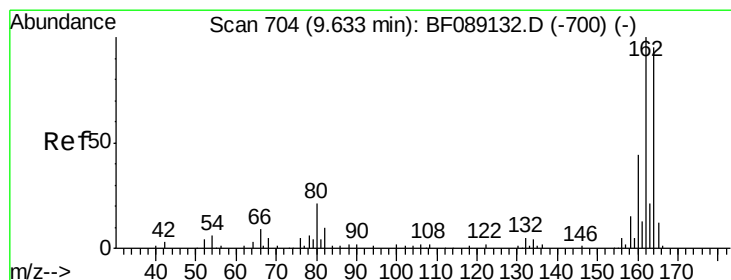
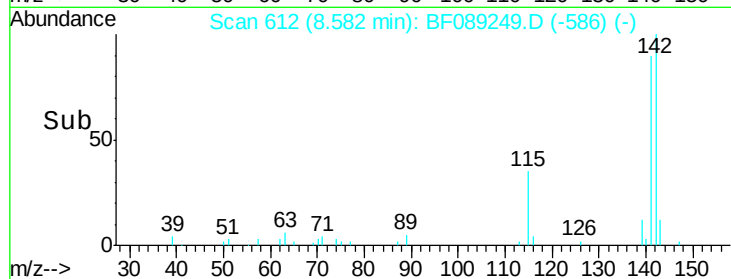
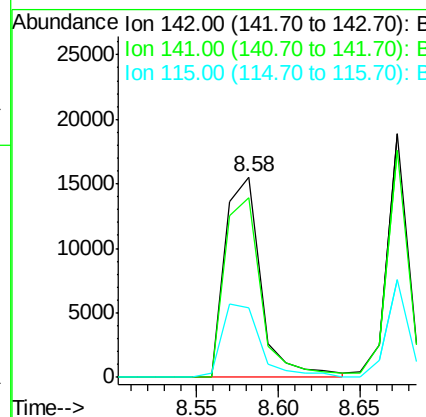
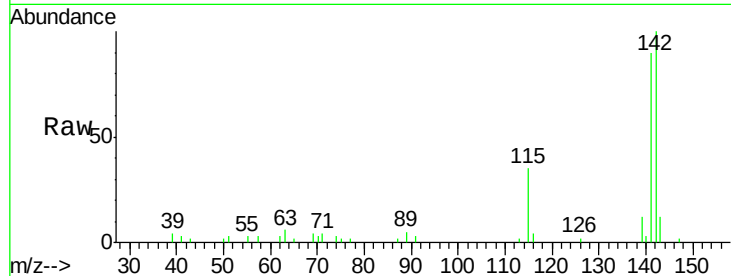
#37
2-Methylnaphthalene
Concen: 3.32 ng
RT: 8.58 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:142 Resp: 23622
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4
115 34.5 27.6 41.4

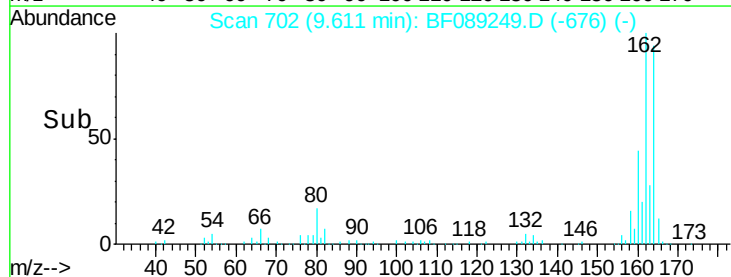
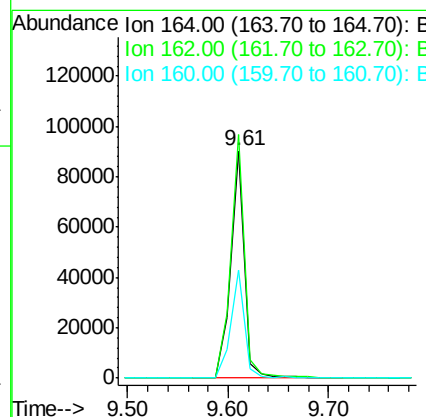
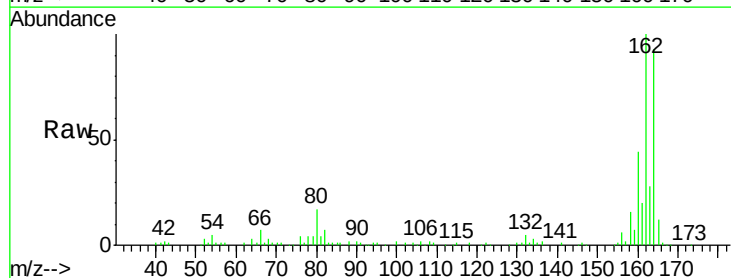
Manual Integrations

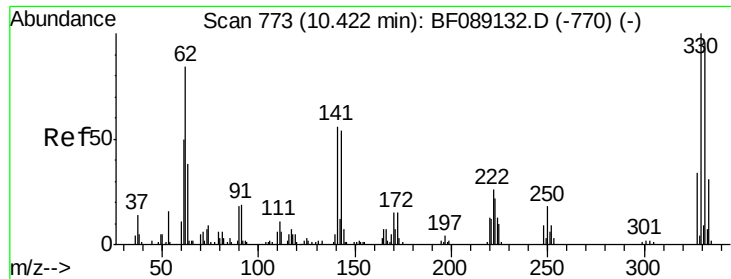
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:164 Resp: 85939
Ion Ratio Lower Upper
164 100
162 107.0 84.1 126.1
160 47.4 37.1 55.7





#41

2,4,6-Tribromophenol

Concen: 90.00 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF089249.D

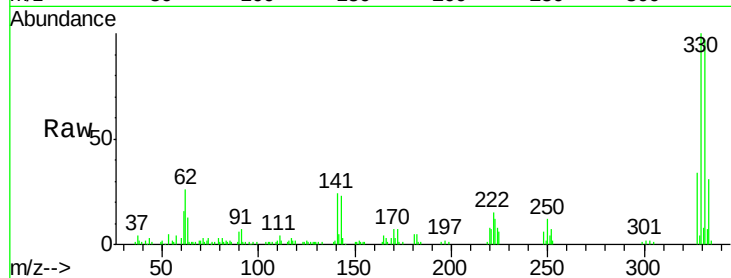
Acq: 23 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

KSB-14-0.2-2.0

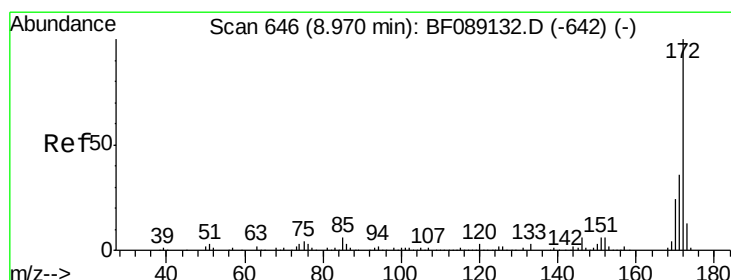
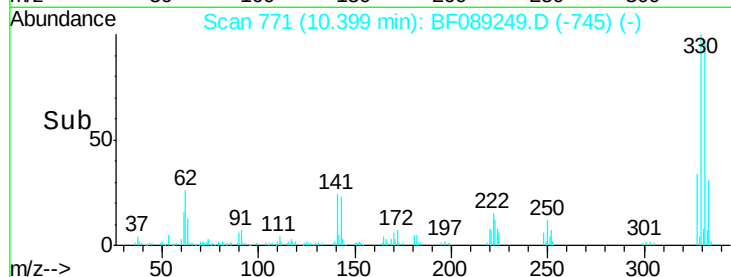
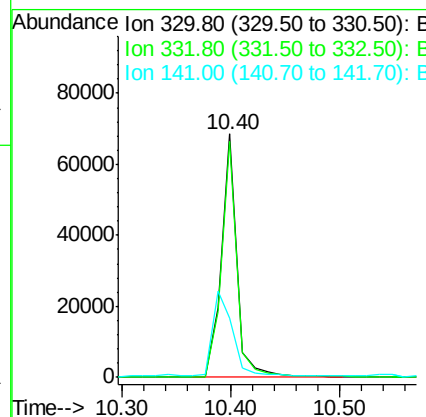


Tgt Ion:	330	Resp:	69640
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.2	115.8
141	51.3	42.2	63.2

Manual Integrations

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#44

2-Fluorobiphenyl

Concen: 79.21 ng

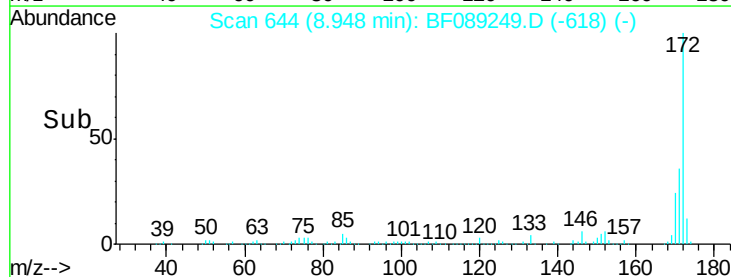
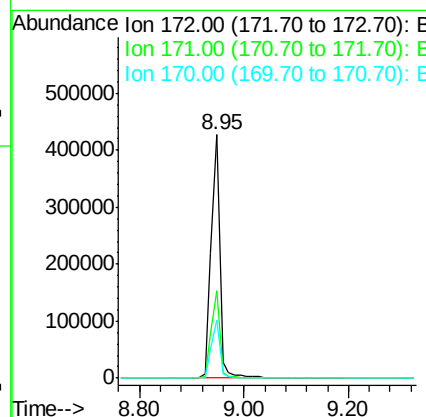
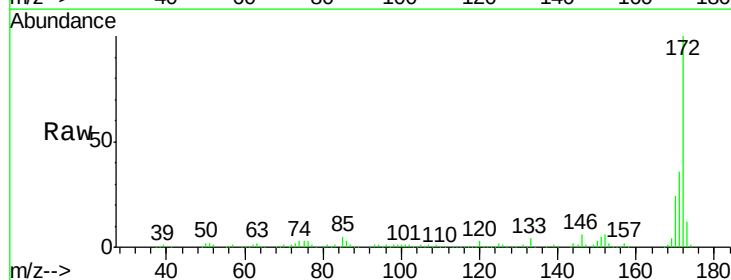
RT: 8.95 min Scan# 644

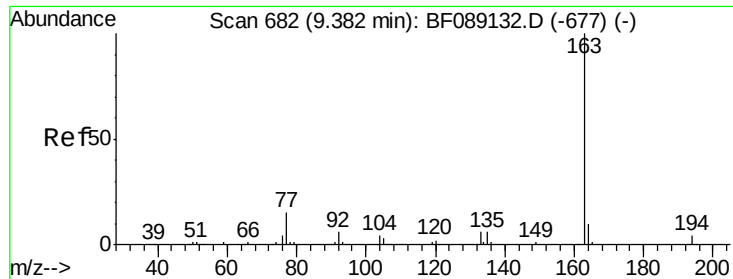
Delta R.T. 0.00 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Tgt Ion:	172	Resp:	494078
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.2	43.8
170	23.8	19.1	28.7





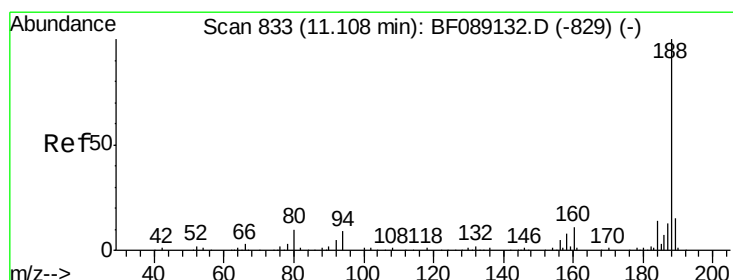
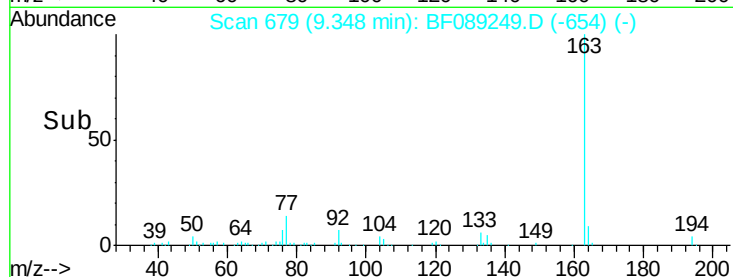
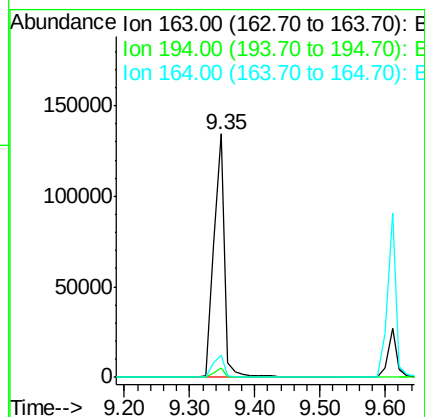
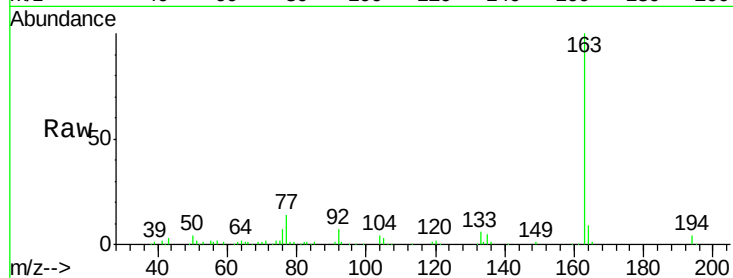
#49
Dimethylphthalate
Concen: 23.69 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.4	7.6	11.4

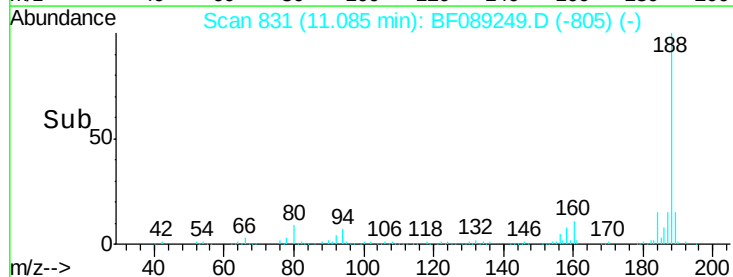
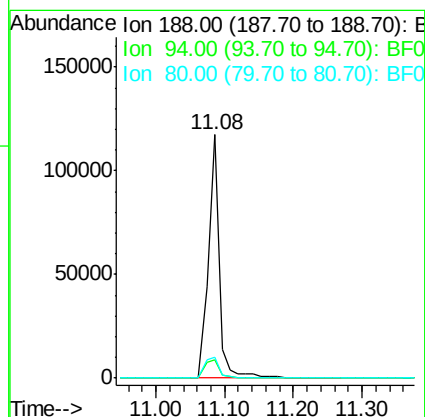
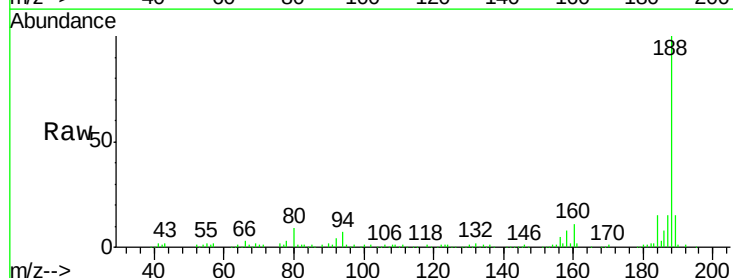
Manual Integrations

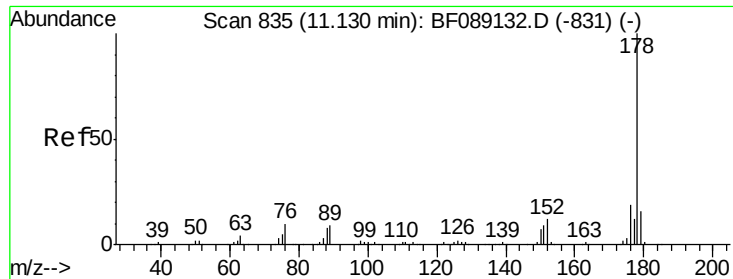
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.4
80	8.5	7.7	11.5





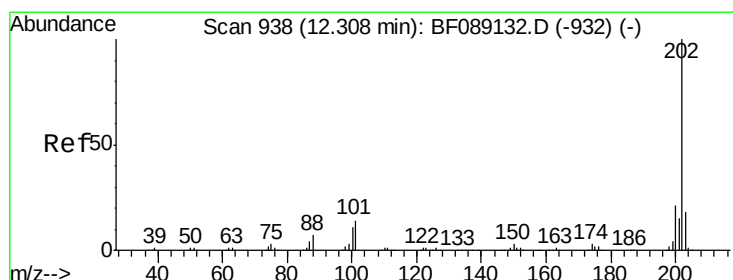
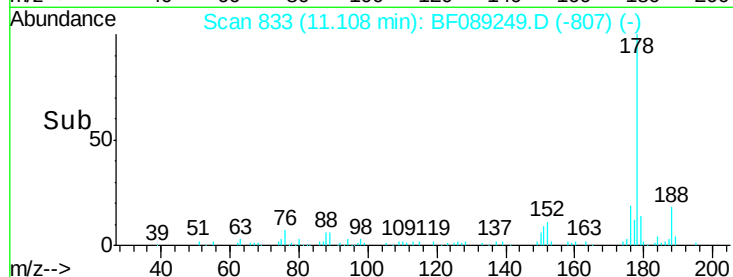
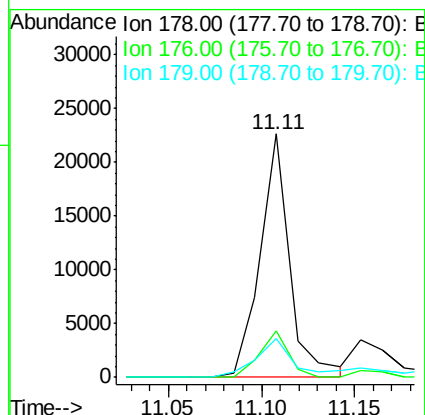
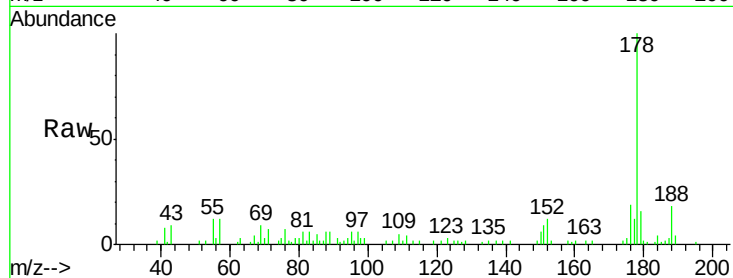
#70
Phenanthrene
Concen: 3.46 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:178 Resp: 24803
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.9 12.4 18.6

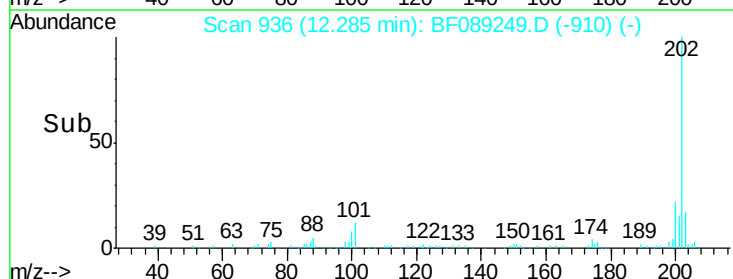
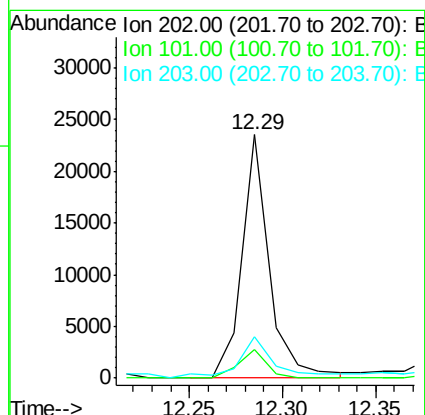
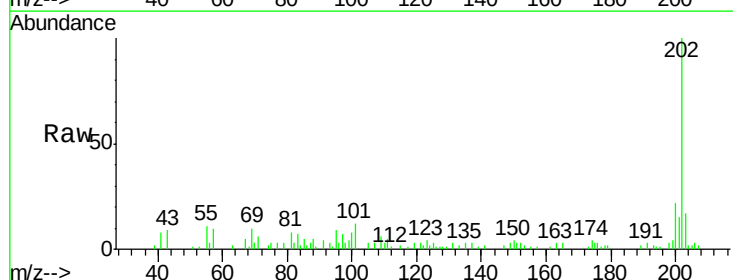
Manual Integrations

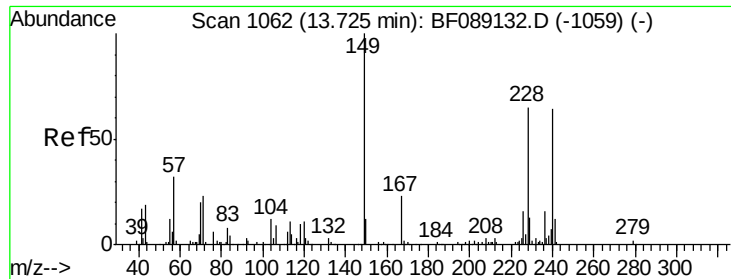
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#74
Fluoranthene
Concen: 3.20 ng
RT: 12.29 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:202 Resp: 24059
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.0
203 17.2 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

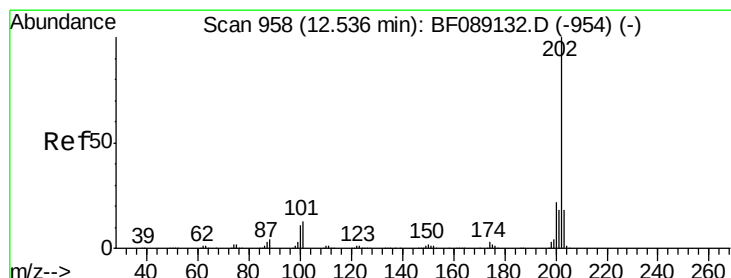
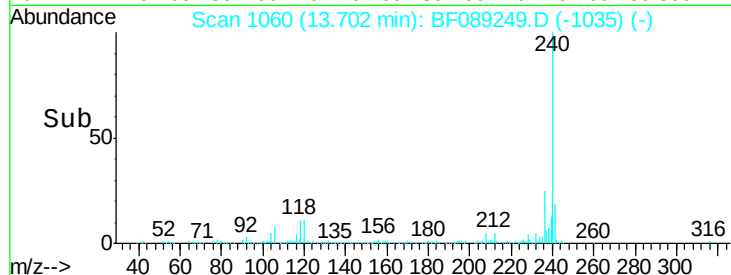
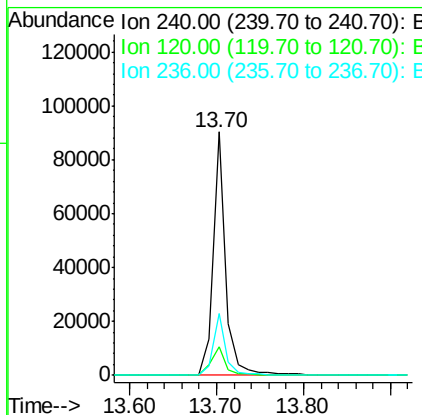
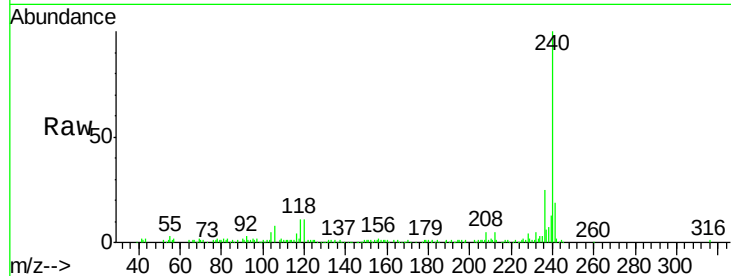
KSB-14-0.2-2.0

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	13.6	20.4#
236	25.4	20.5	30.7

Manual Integrations

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#77

Pyrene

Concen: 2.90 ng

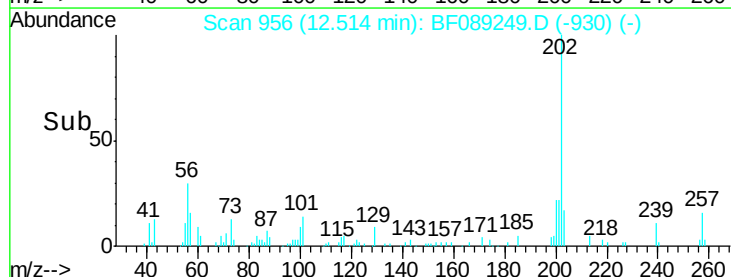
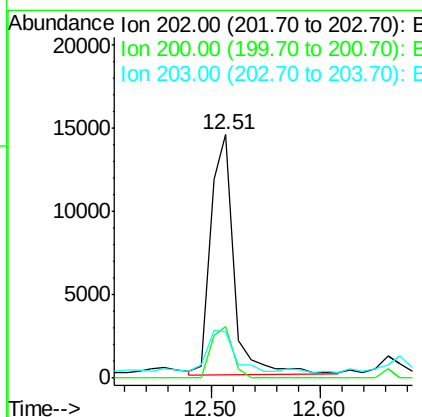
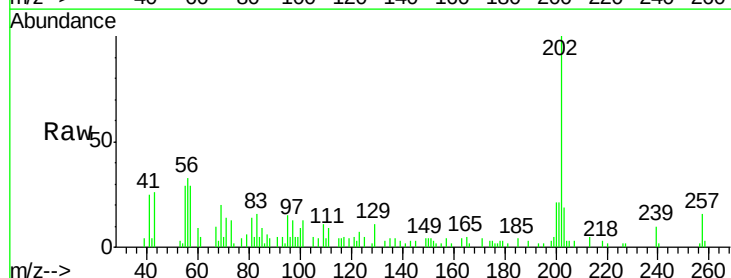
RT: 12.51 min Scan# 956

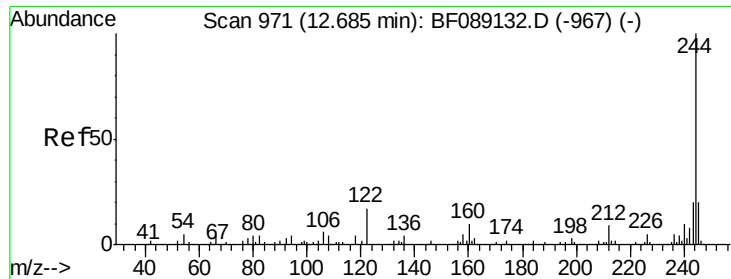
Delta R.T. 0.00 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	19.1	14.2	21.2





#78

Terphenyl-d14

Concen: 61.11 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF089249.D

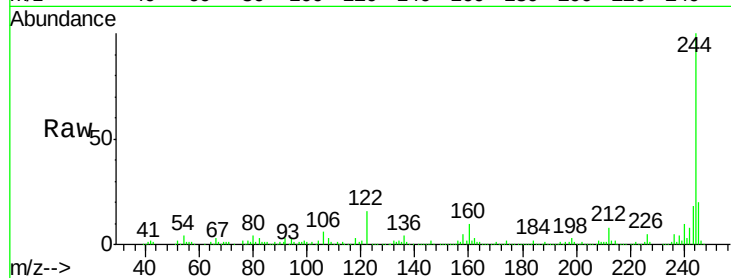
Acq: 23 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

KSB-14-0.2-2.0

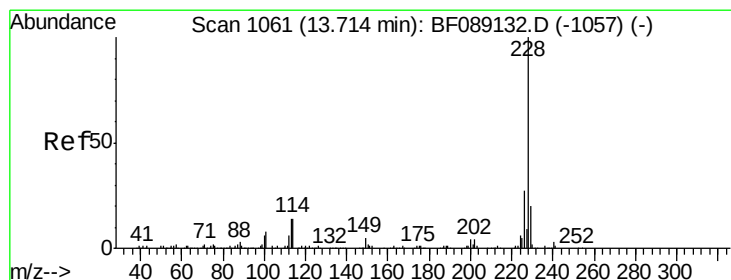
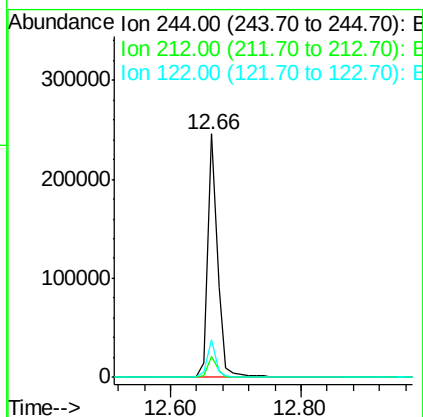


Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	15.7	13.8	20.8

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 2.36 ng

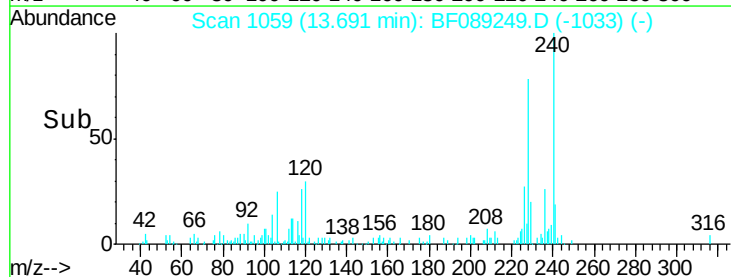
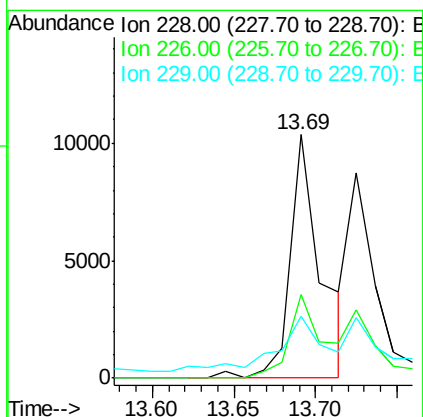
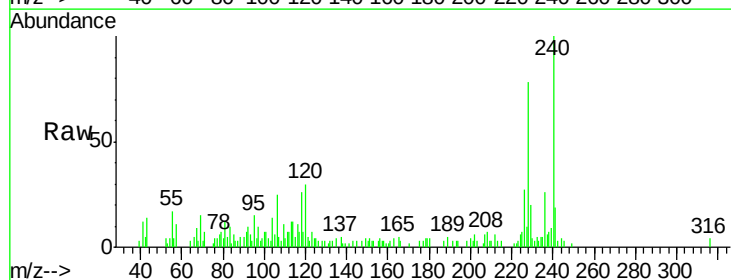
RT: 13.69 min Scan# 1059

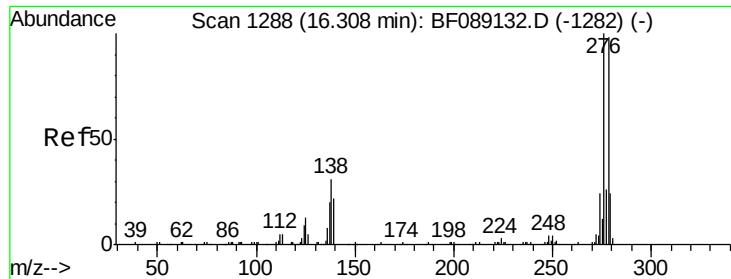
Delta R.T. 0.00 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.5	21.8	32.8#
229	25.2	15.8	23.8#





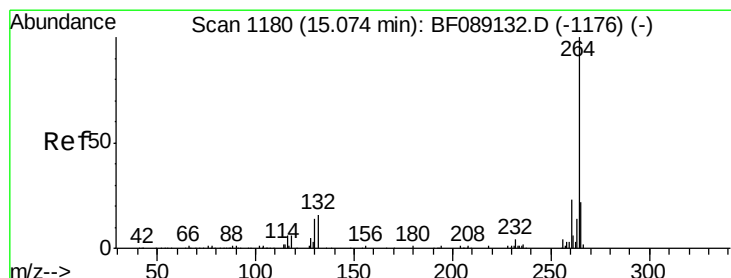
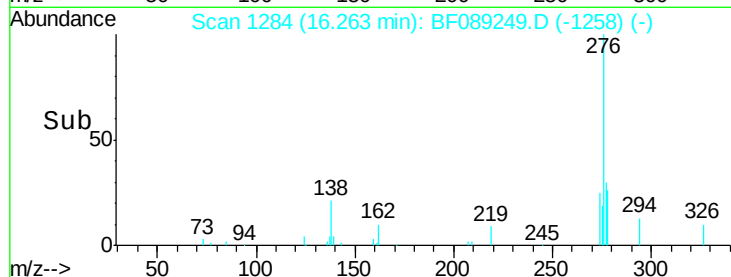
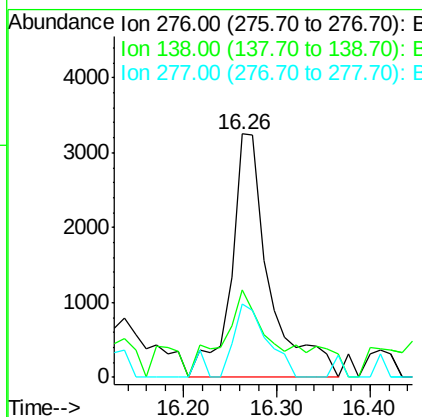
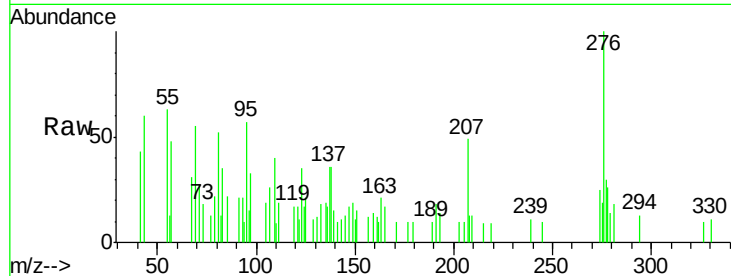
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.30 ng
RT: 16.26 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:276 Resp: 9254
Ion Ratio Lower Upper
276 100
138 45.2 23.7 35.5#
277 26.4 20.6 31.0

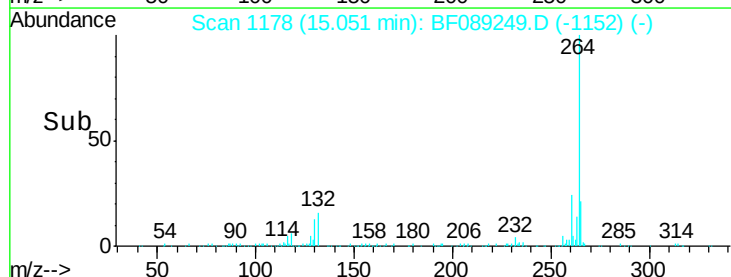
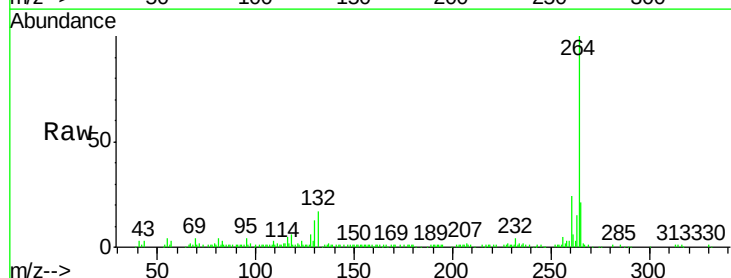
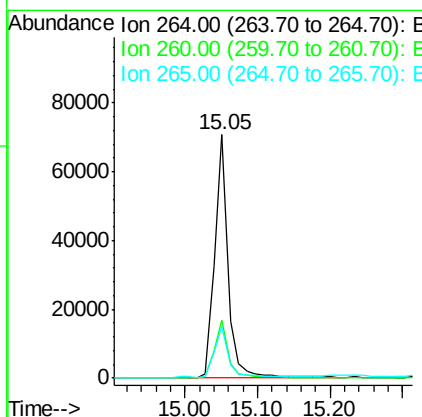
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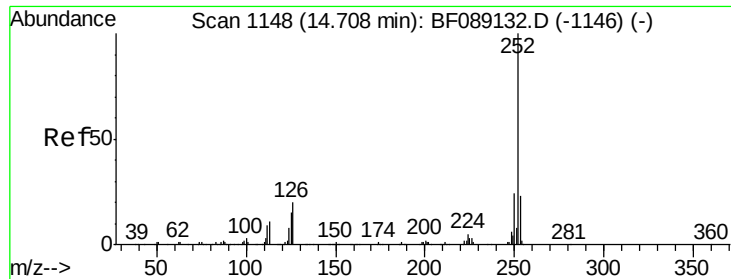
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:264 Resp: 91313
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.4 17.3 25.9





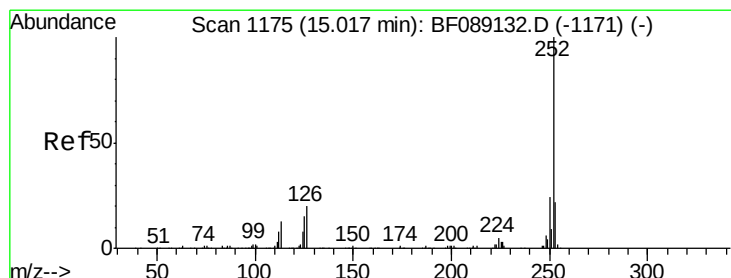
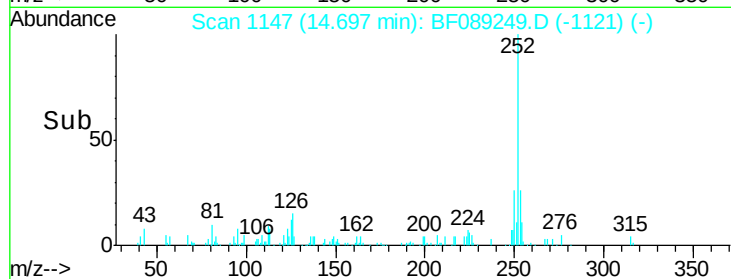
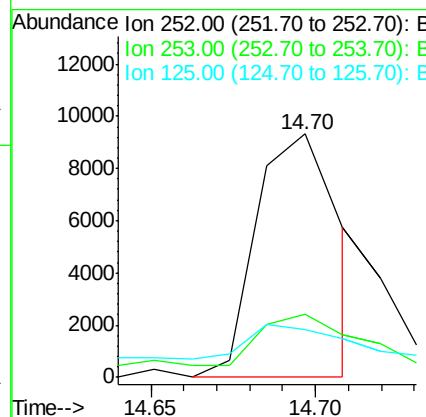
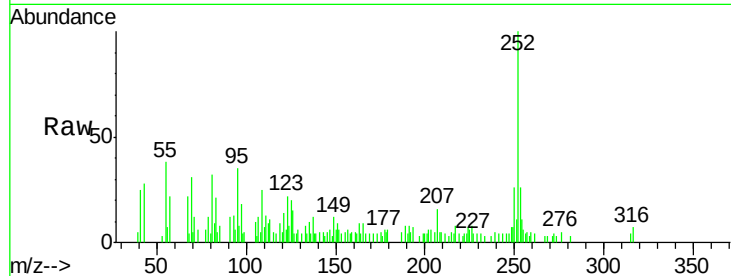
#87
Benzo(b)fluoranthene
Concen: 2.47 ng m
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	19.5	11.9	17.9#

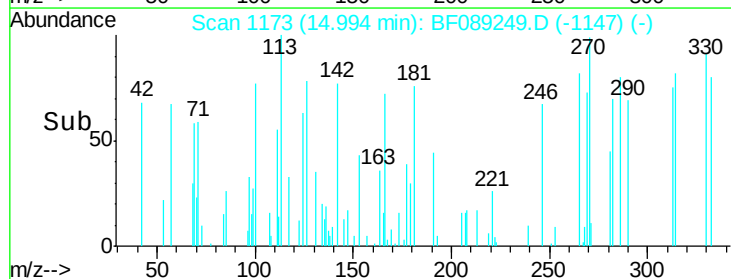
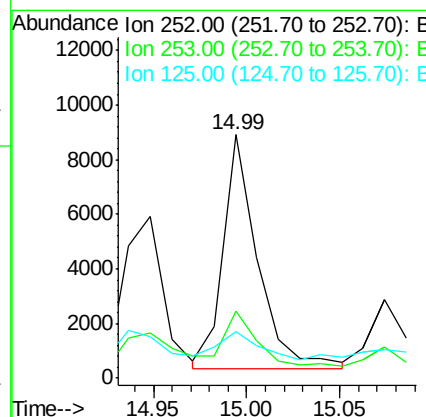
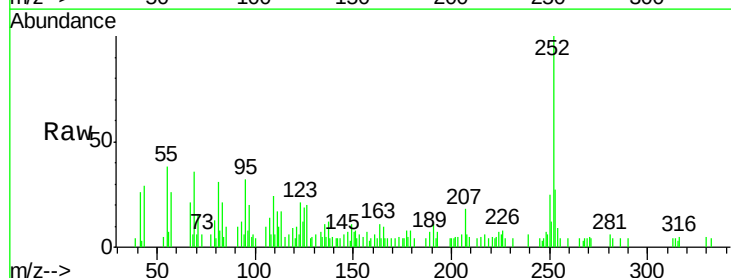
Manual Integrations

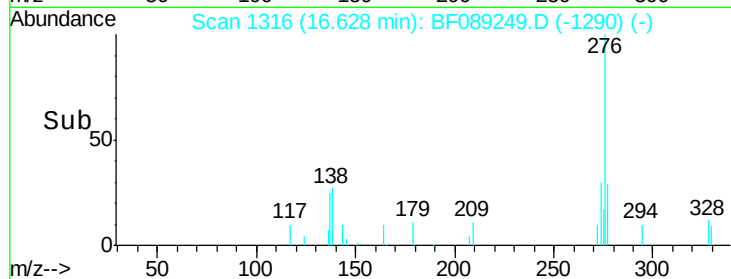
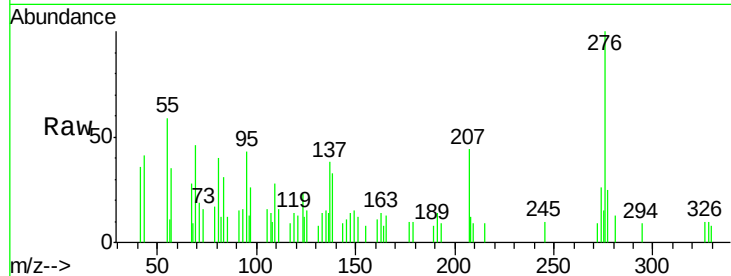
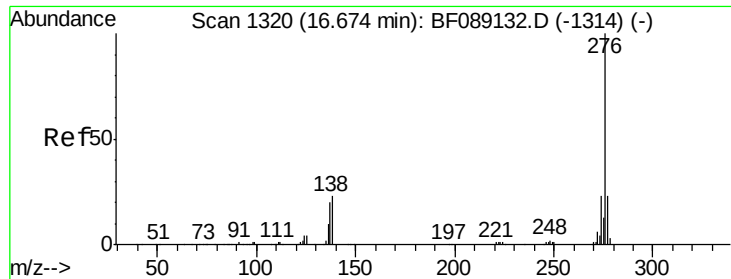
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#89
Benzo(a)pyrene
Concen: 2.19 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.0#
125	19.2	12.4	18.6#





#91

Benzo(g,h,i)perylene

Concen: 2.32 ng

RT: 16.63 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF089249.D

Acq: 23 Jul 2016 23:28

Instrument :

BNA_F

ClientSampleId :

KSB-14-0.2-2.0

Tgt Ion: 276 Resp: 9472

Ion Ratio Lower Upper

276 100

277 25.3 18.5 27.7

138 32.5 18.5 27.7#

Manual Integrations

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