

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090825.D
 Acq On : 25 Oct 2016 23:22
 Operator : UM/SJ
 Sample : H5394-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-NORTH

Manual Integrations
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Quant Time: Oct 26 01:30:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	206137	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	814791	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	414597	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	714457	20.00	ng	0.00
75) Chrysene-d12	13.96	240	476561	20.00	ng	0.00
86) Perylene-d12	15.38	264	381607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1633770	127.82	ng	0.01
7) Phenol-d6	6.44	99	1940985	112.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	1315841	88.57	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	705279	214.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2181868	81.70	ng	-0.01
78) Terphenyl-d14	12.92	244	2224397	106.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	669347	25.69	ng	Qvalue # 98
70) Phenanthrene	11.34	178	148258	4.07	ng	98
74) Fluoranthene	12.53	202	312734	8.88	ng	93
77) Pyrene	12.76	202	242853	7.30	ng	97
80) Benzo(a)anthracene	13.95	228	89547m	3.43	ng	
82) Chrysene	13.99	228	108608m	4.27	ng	
85) Indeno(1,2,3-cd)pyrene	16.74	276	52811	2.38	ng	# 93
87) Benzo(b)fluoranthene	14.98	252	115178m	4.91	ng	
88) Benzo(k)fluoranthene	15.00	252	49743m	2.11	ng	
89) Benzo(a)pyrene	15.32	252	72533	3.29	ng	# 86
91) Benzo(g,h,i)perylene	17.15	276	50513	2.46	ng	# 81

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

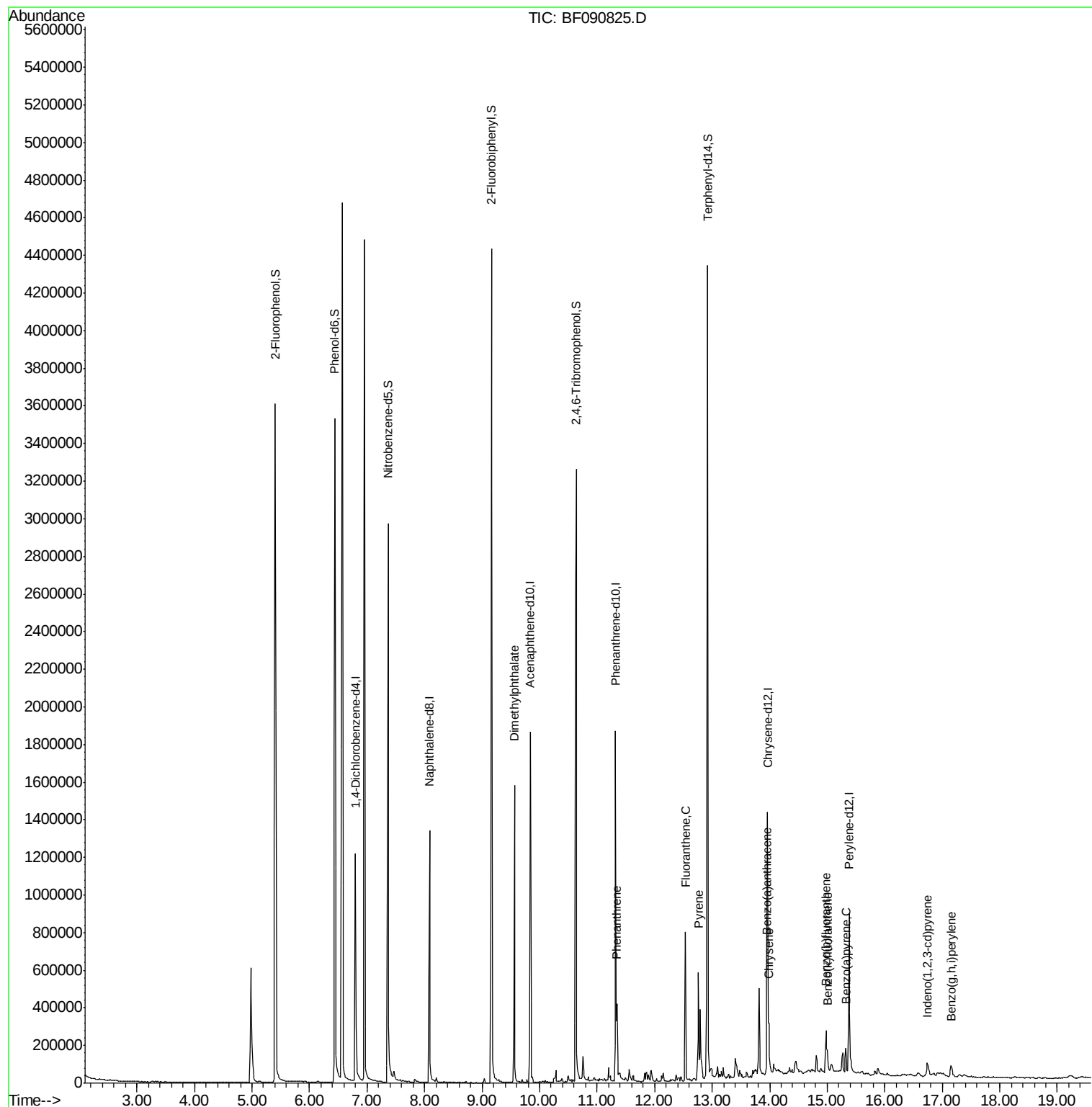
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
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Sample : H5394-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

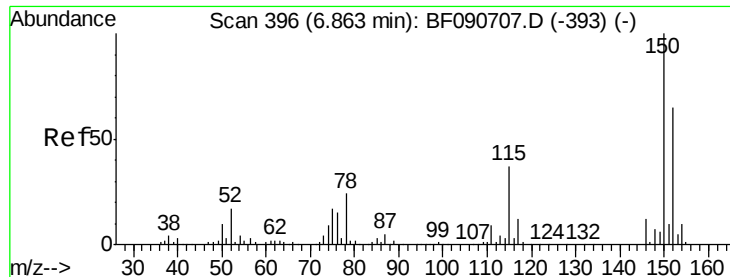
Instrument :
BNA_F
ClientSampleId :
SIDEWELL-NORTH

Manual Integrations
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Quant Time: Oct 26 01:30:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
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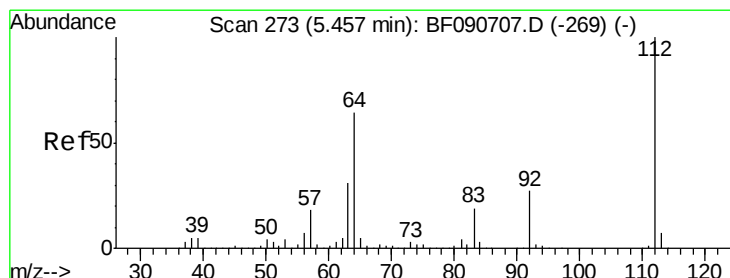
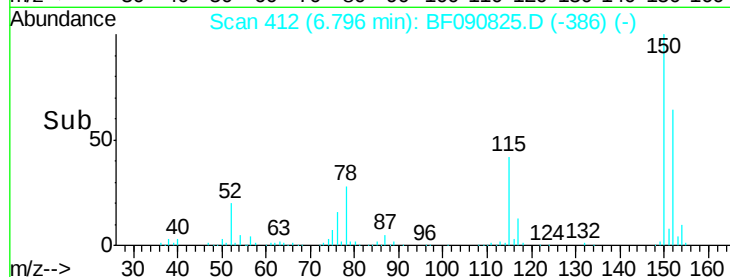
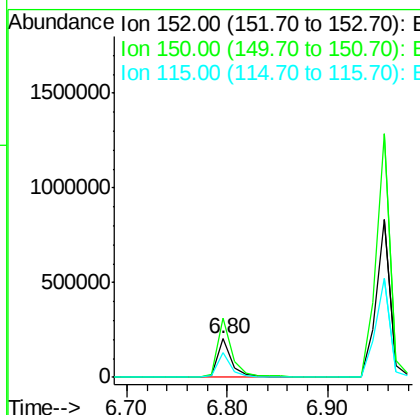
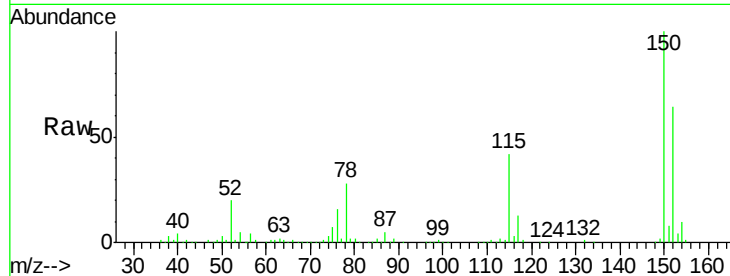
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	65.5	39.0	58.4

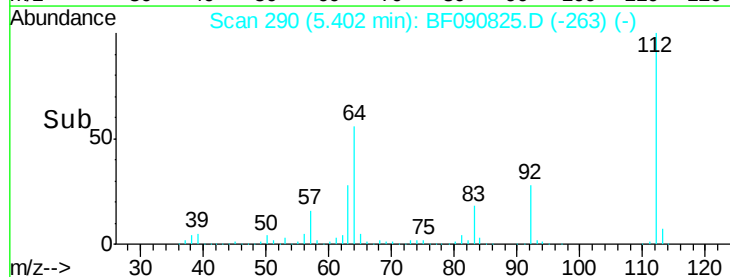
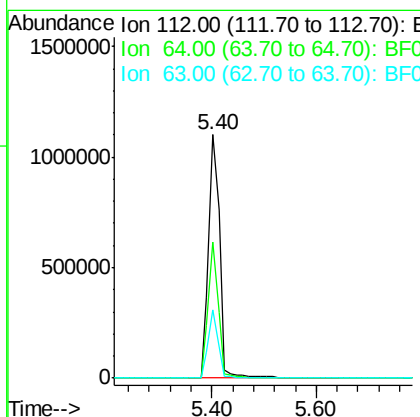
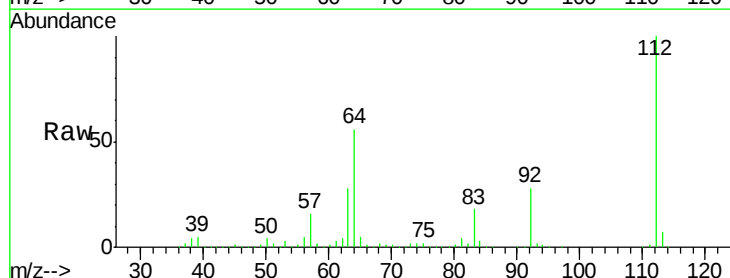
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#5
 2-Fluorophenol
 Concen: 127.82 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	39.7	59.5
63	28.2	17.4	26.0





#7

Phenol-d6

Concen: 112.11 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090825.D

Acq: 25 Oct 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-NORTH

Tot Ion: 99 Resp: 1940985

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

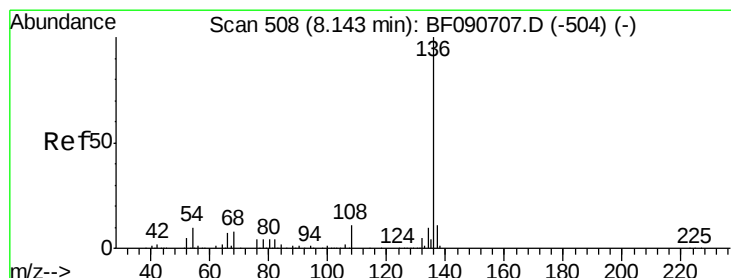
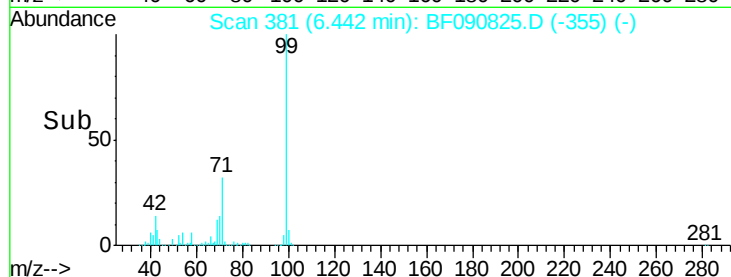
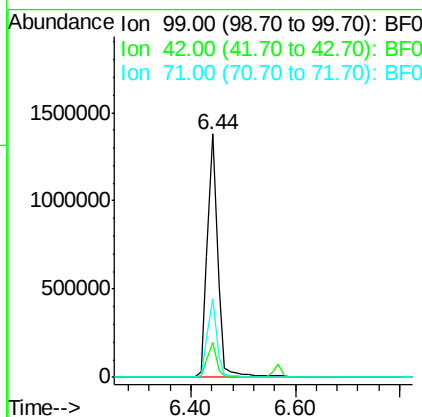
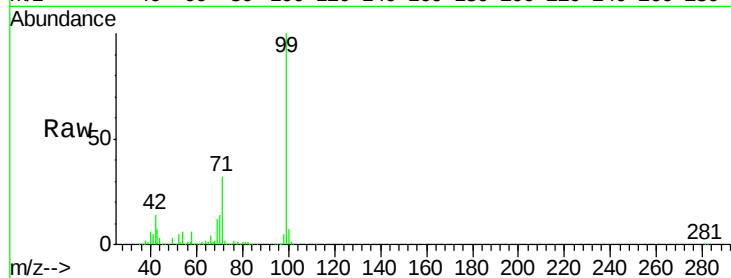
71 32.4 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090825.D

Acq: 25 Oct 2016 23:22

Tgt Ion: 136 Resp: 814791

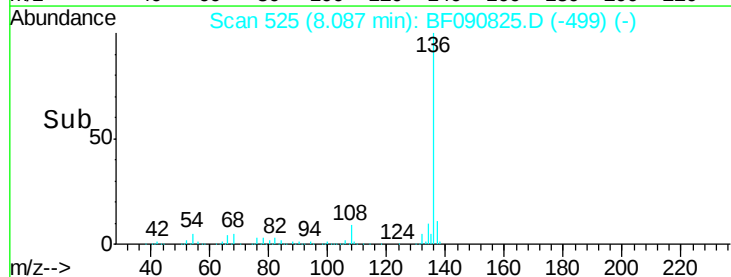
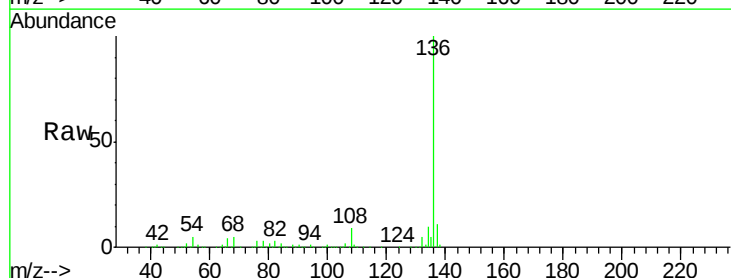
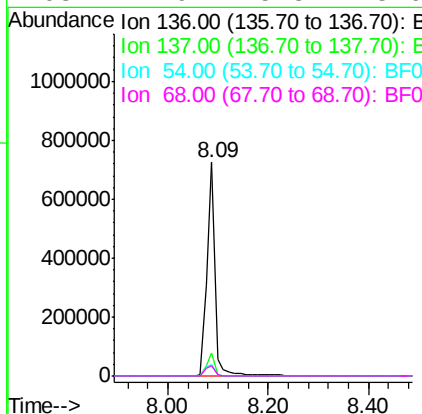
Ion Ratio Lower Upper

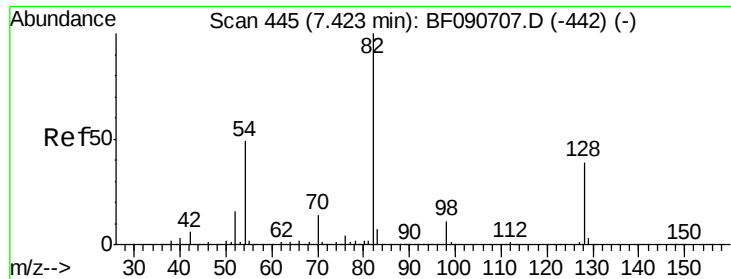
136 100

137 10.9 9.0 13.6

54 5.2 8.2 12.2#

68 4.9 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 88.57 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF090825.D

Acq: 25 Oct 2016 23:22

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-NORTH

Tot Ion: 82 Resp: 1315841

Ion Ratio Lower Upper

82 100

128 48.9 51.0 76.6#

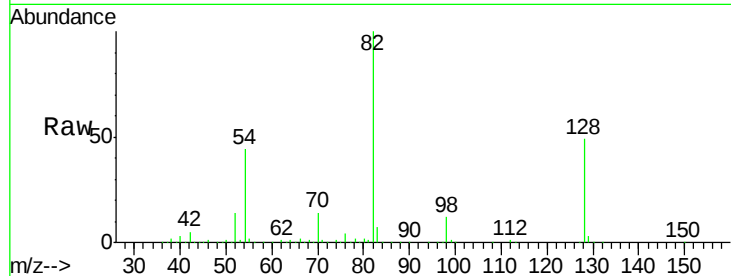
54 44.3 47.5 71.3#

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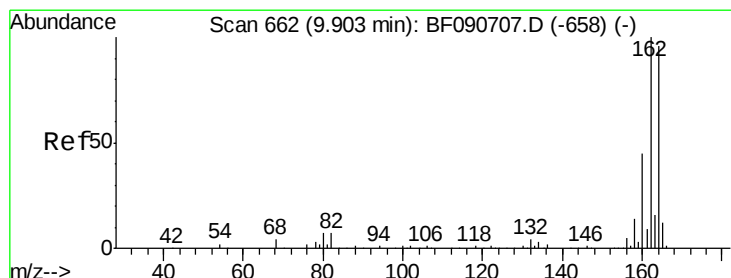
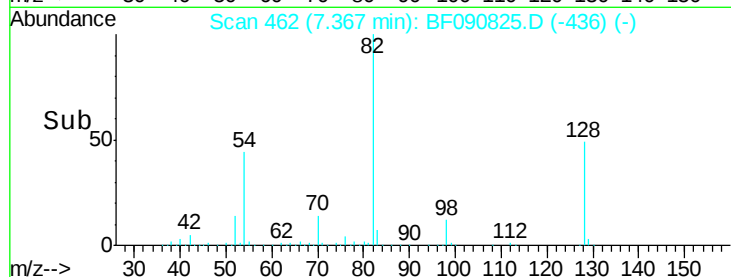
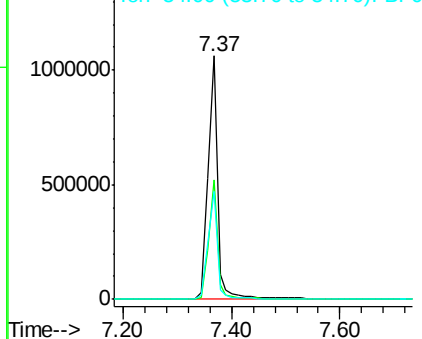
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Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090825.D

Acq: 25 Oct 2016 23:22

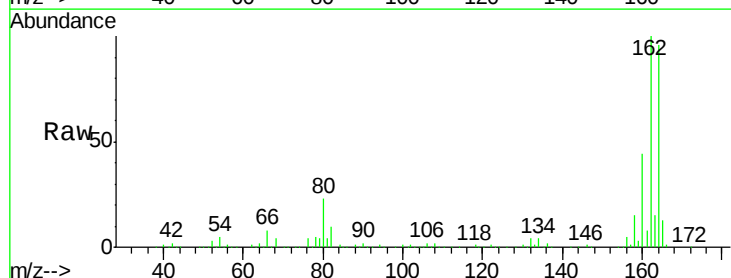
Tgt Ion:164 Resp: 414597

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

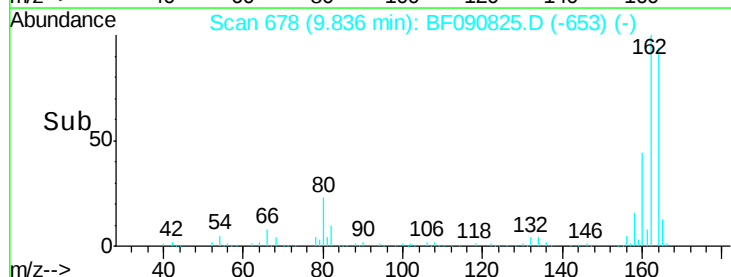
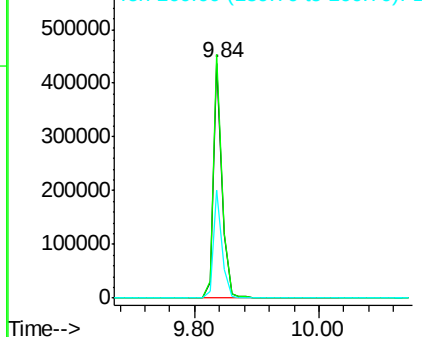
160 46.0 31.5 47.3

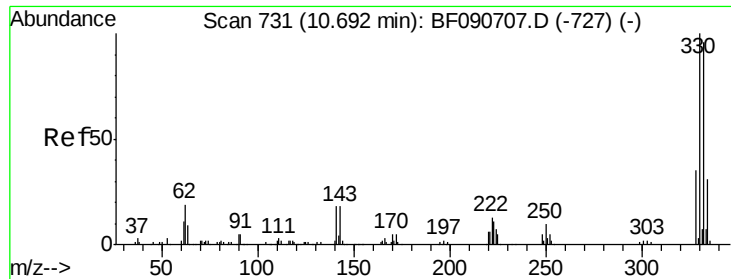


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





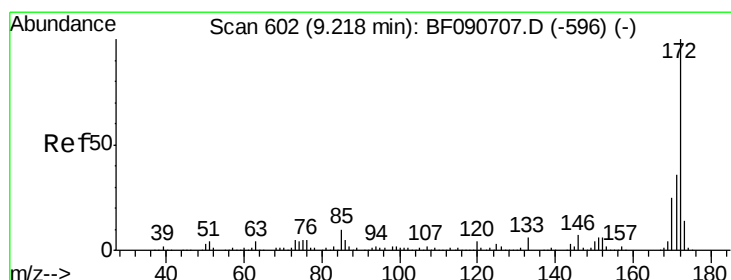
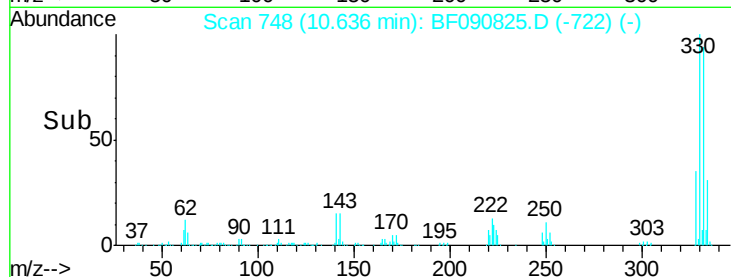
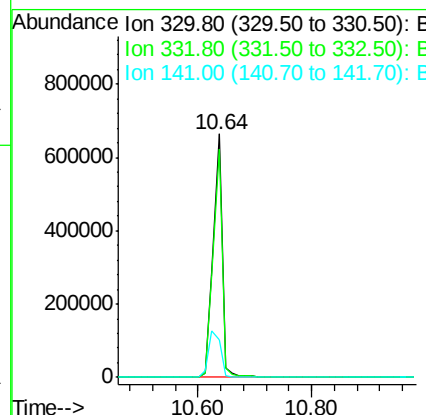
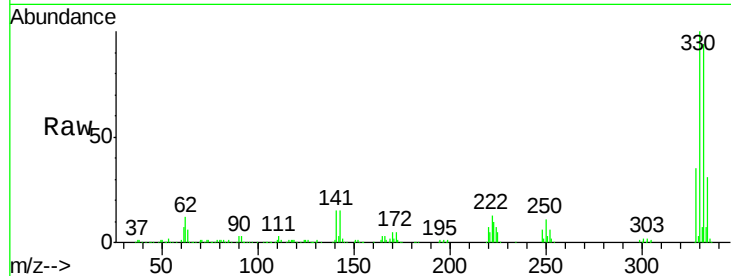
#41
 2,4,6-Tribromophenol
 Concen: 214.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-NORTH

Tot Ion	Ratio	Resp	Lower	Upper
330	100	705279		
332	94.9		76.6	114.8
141	25.5		29.7	44.5#

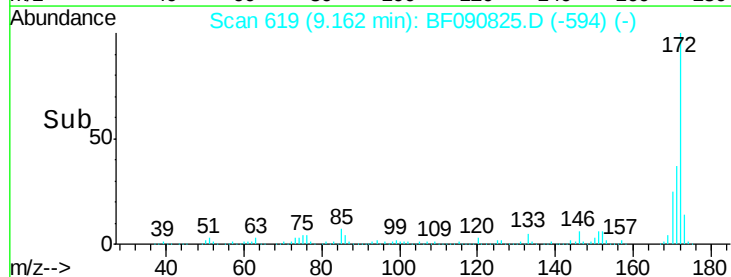
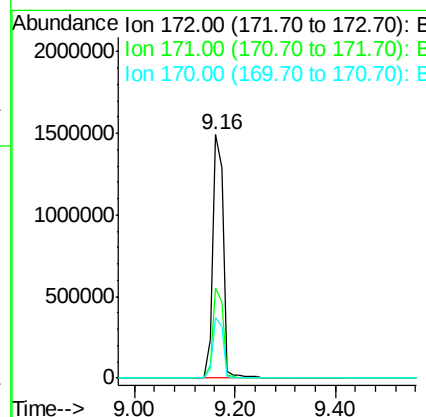
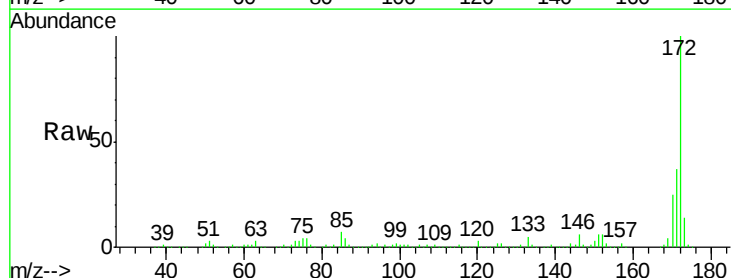
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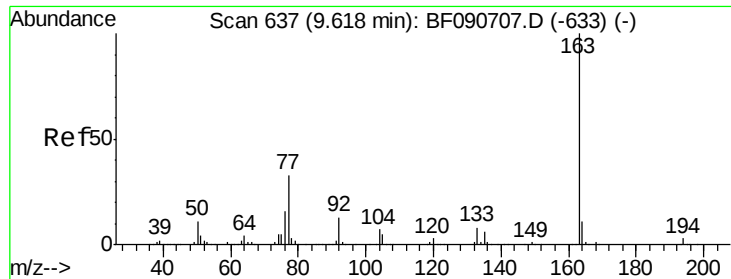
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#44
 2-Fluorobiphenyl
 Concen: 81.70 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2181868		
171	37.1		26.1	39.1
170	24.8		17.4	26.2





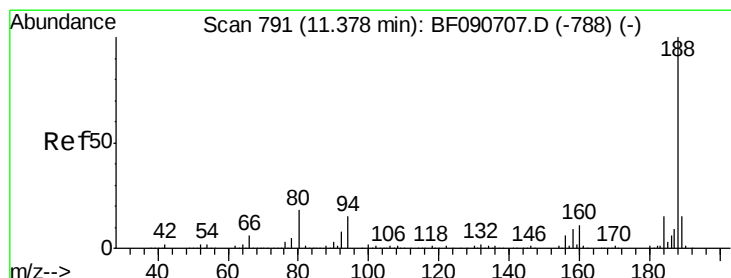
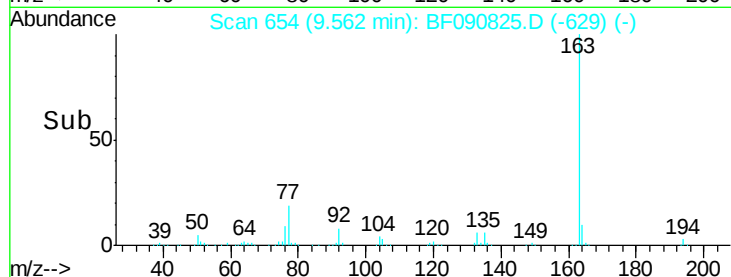
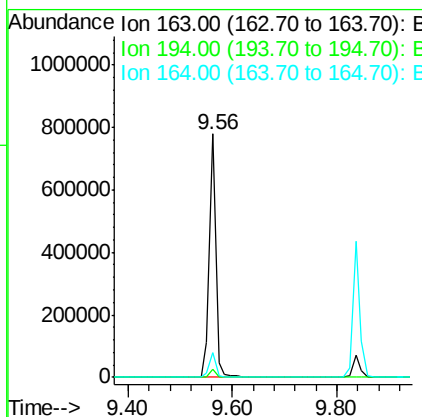
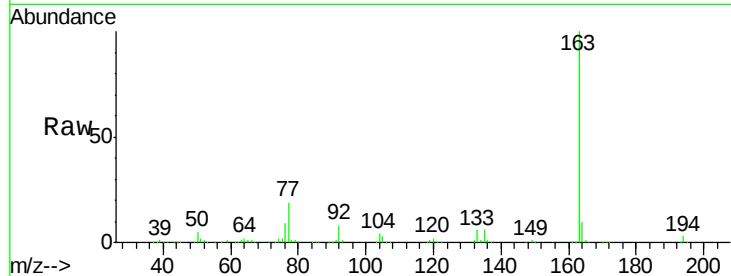
#49
Dimethylphthalate
Concen: 25.69 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.4	8.3	12.5

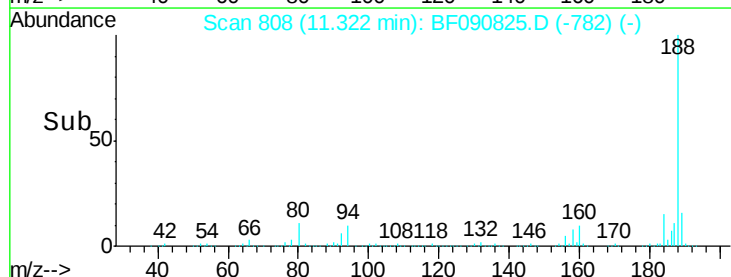
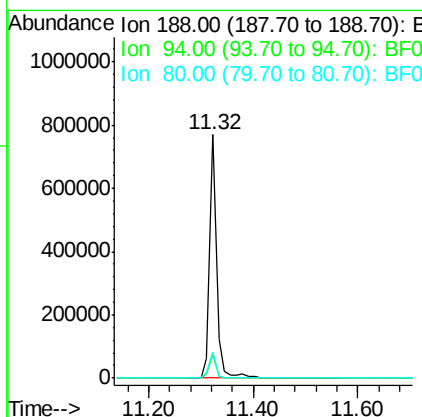
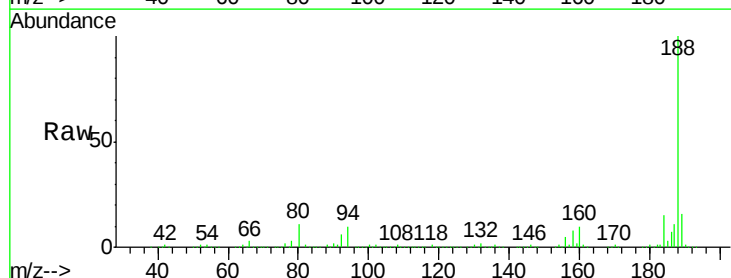
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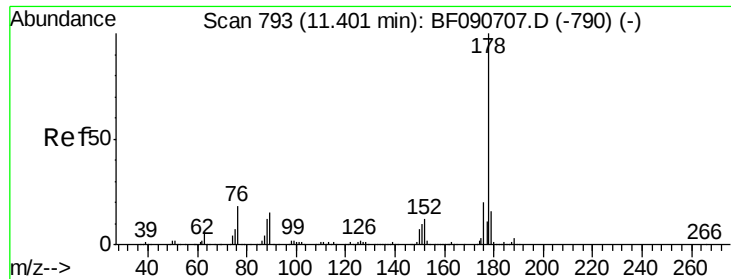
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.7	11.0	16.4#





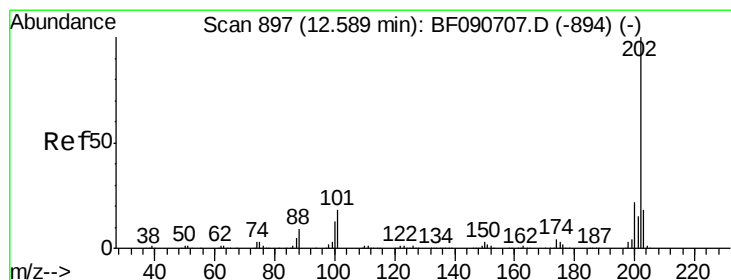
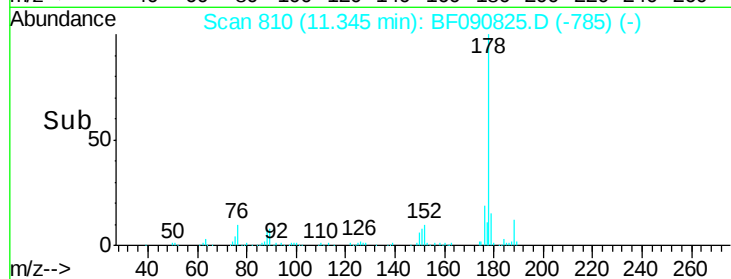
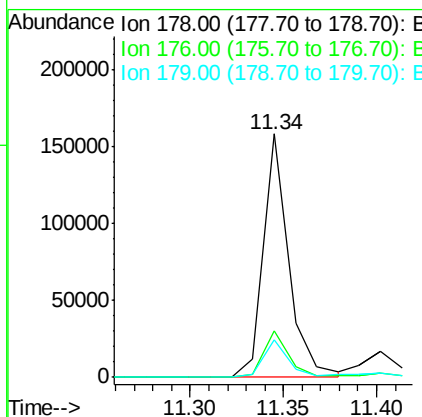
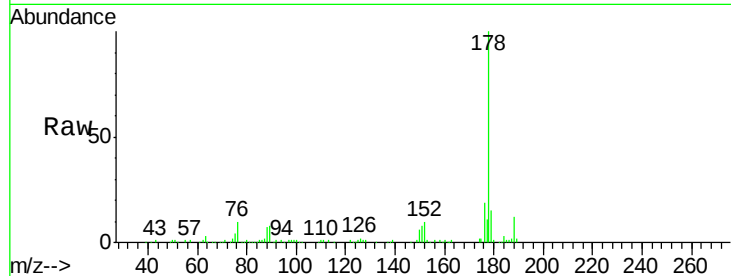
#70
Phenanthrene
Concen: 4.07 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	15.2	12.2	18.2

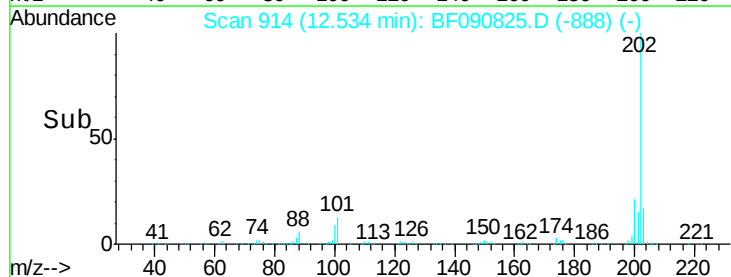
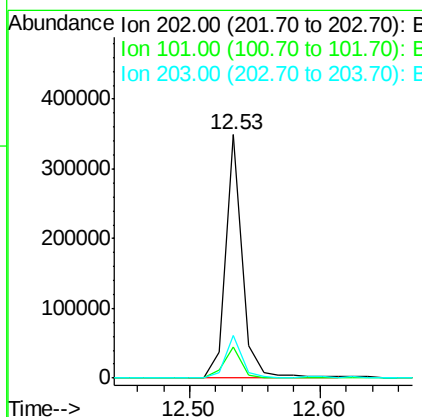
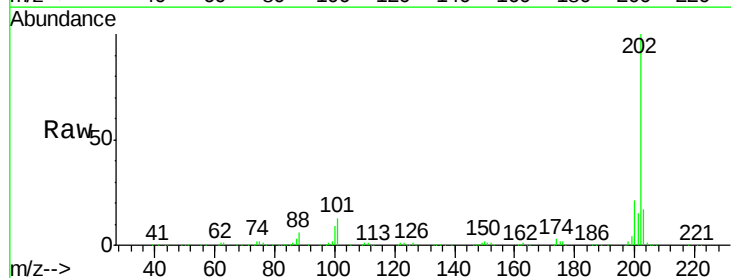
Manual Integrations
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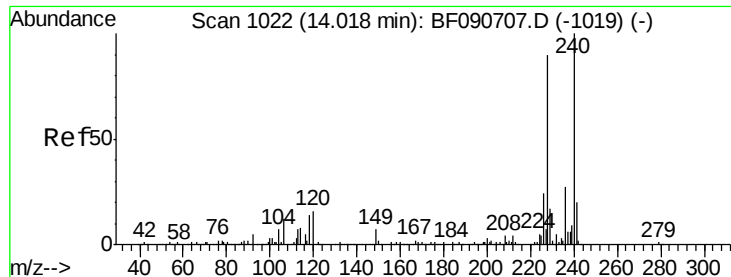
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#74
Fluoranthene
Concen: 8.88 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	38.3
203	17.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090825.D

Acq: 25 Oct 2016 23:22

Instrument :

BNA_F

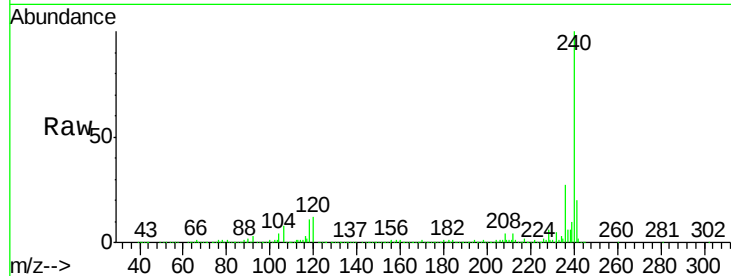
ClientSampleId :

SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	16.2	24.2#
236	26.6	18.4	27.6

Manual Integrations
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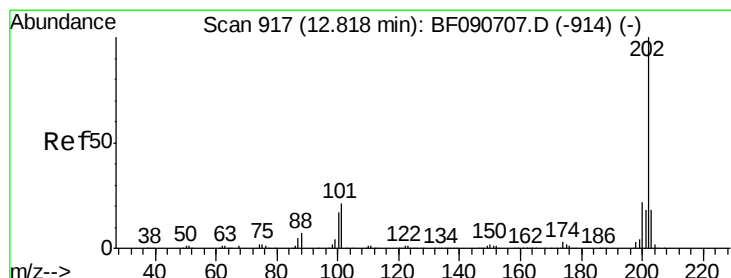
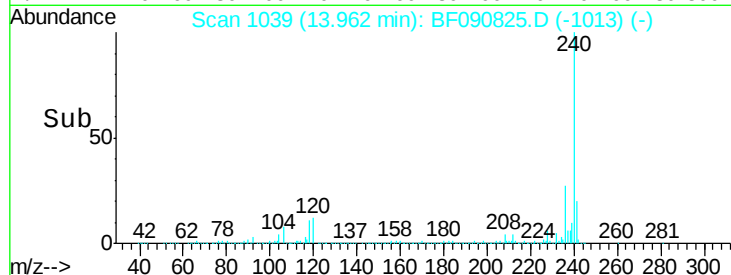
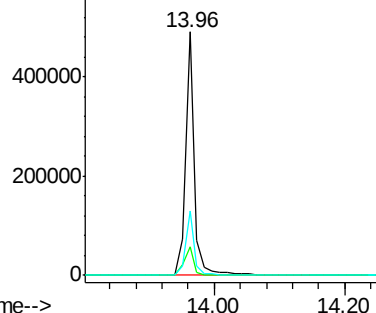
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.30 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF090825.D

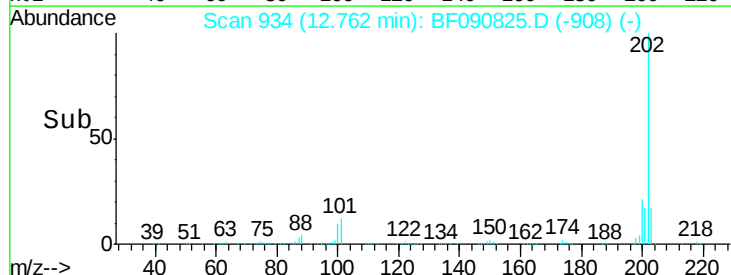
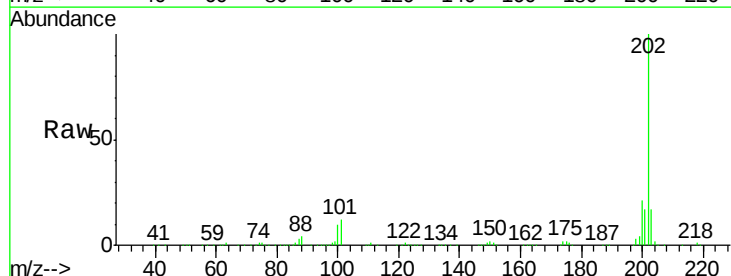
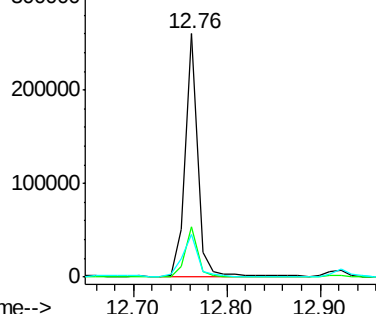
Acq: 25 Oct 2016 23:22

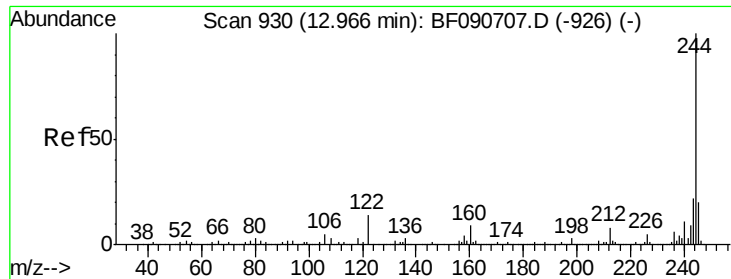
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	15.0	22.4
203	17.4	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





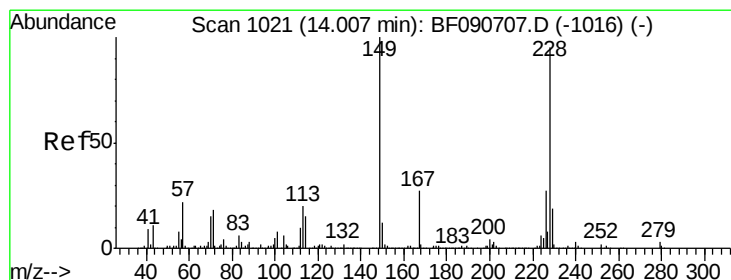
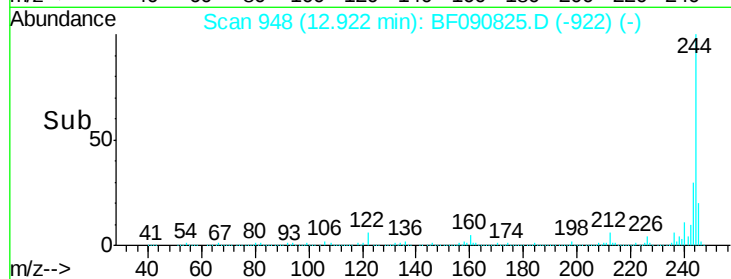
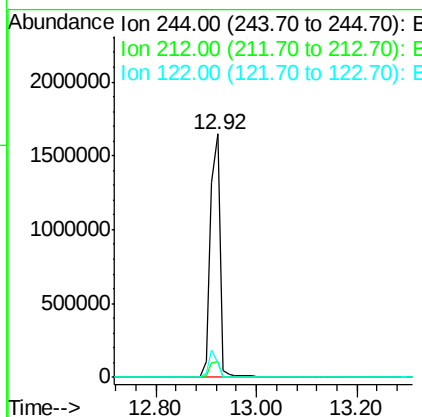
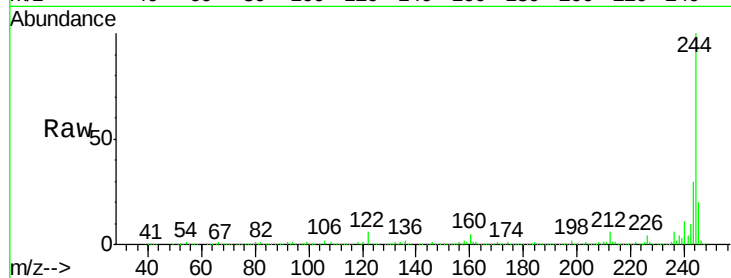
#78
 Terphenyl-d14
 Concen: 106.98 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-NORTH

Tot Ion:244 Resp: 2224397
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.3 6.5
 122 6.1 17.4 26.2#

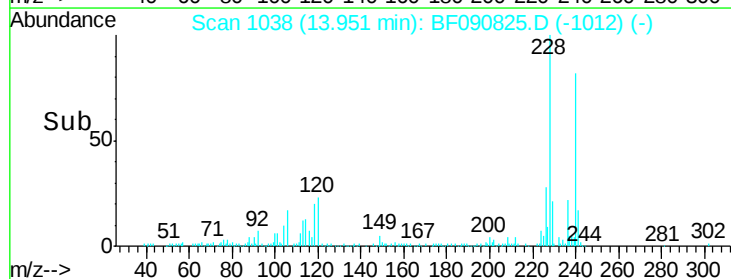
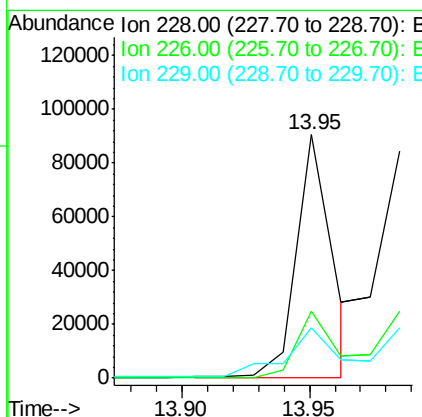
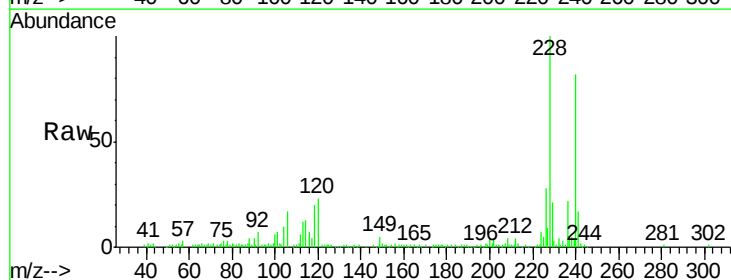
Manual Integrations
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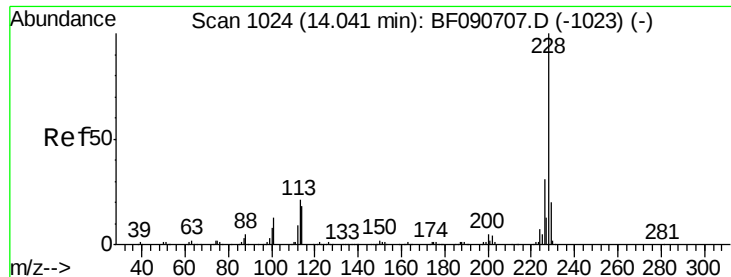
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#80
 Benzo(a)anthracene
 Concen: 3.43 ng m
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Tgt Ion:228 Resp: 89547
 Ion Ratio Lower Upper
 228 100
 226 27.7 20.0 30.0
 229 20.7 15.4 23.2





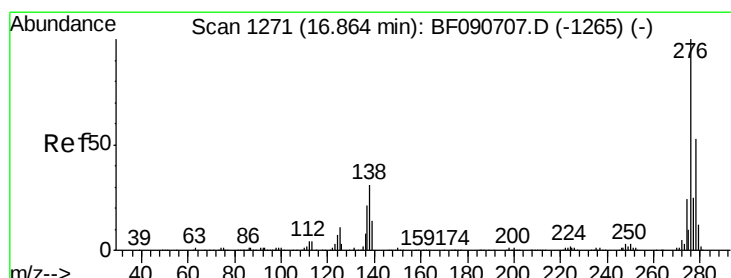
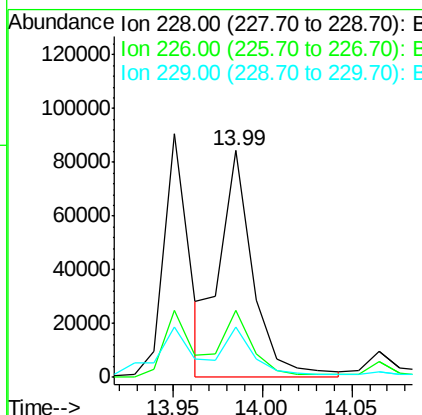
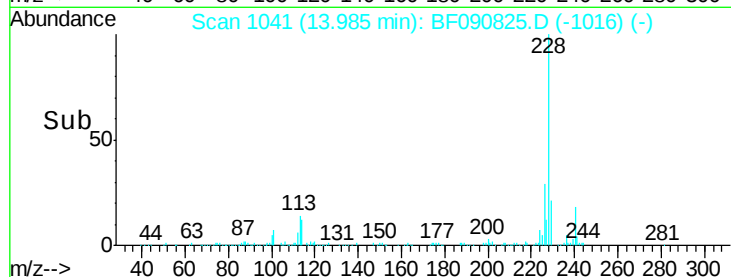
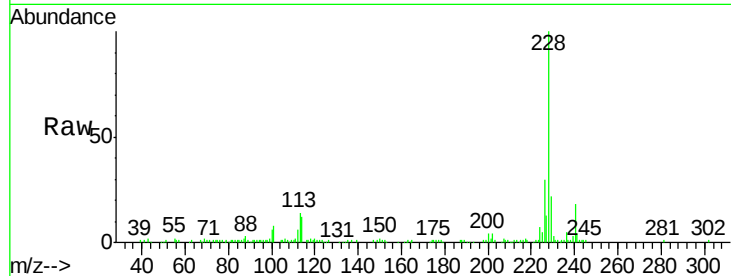
#82
Chrysene
Concen: 4.27 ng/ml
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.0	31.4
229	22.1	15.6	23.4

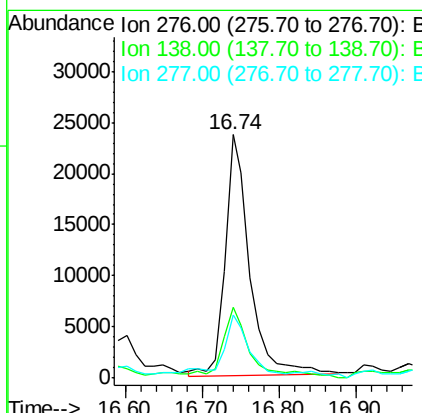
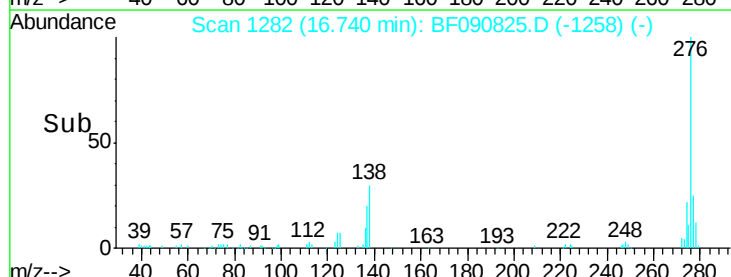
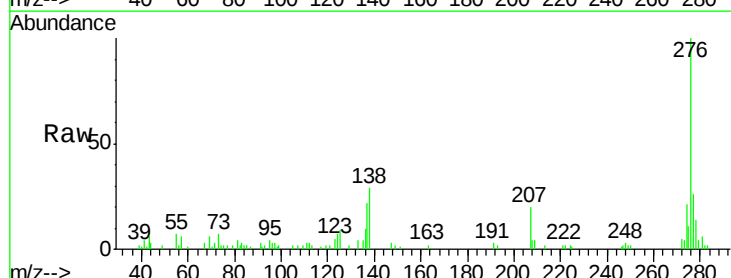
Manual Integrations
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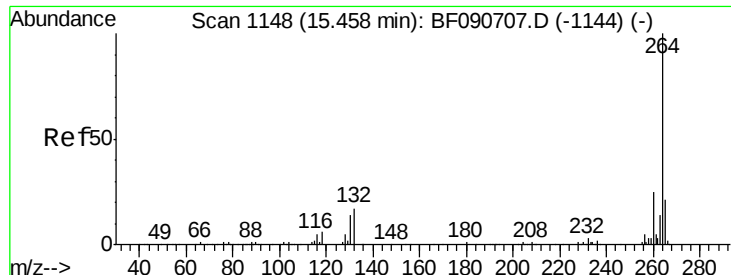
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.38 ng/ml
RT: 16.74 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.7	38.5
277	24.8	15.6	23.4





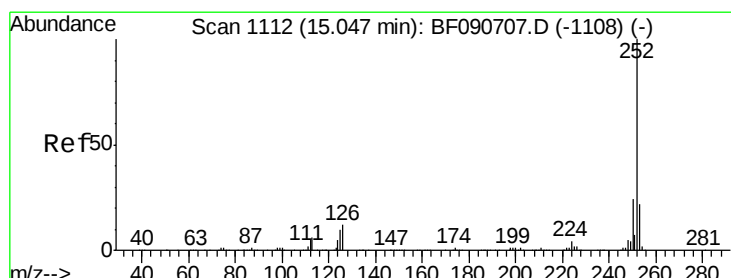
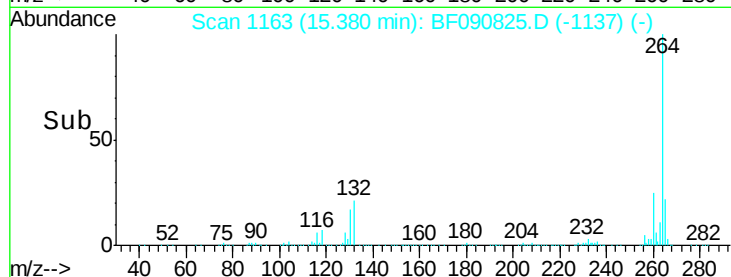
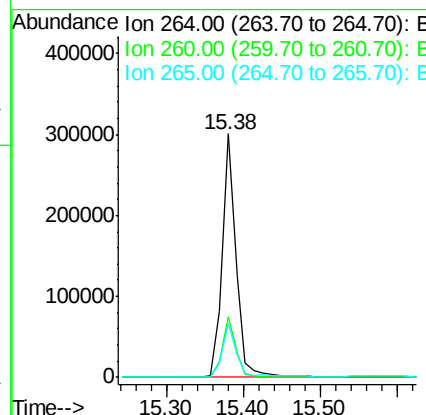
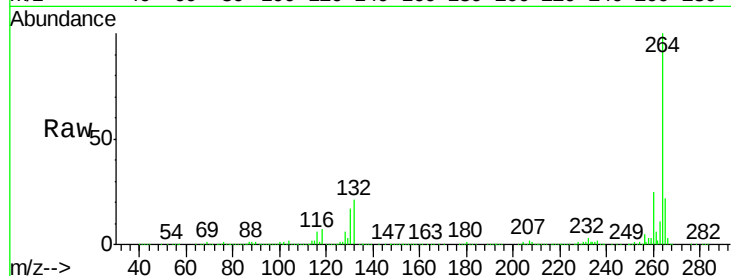
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	22.0	17.2	25.8

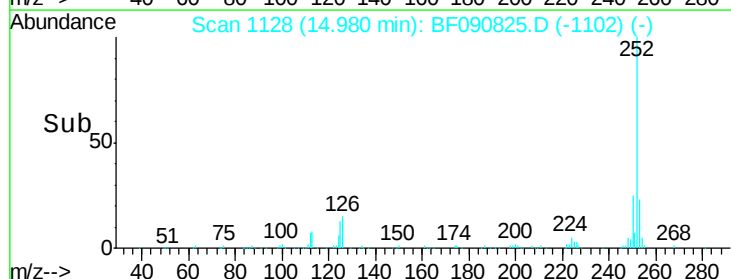
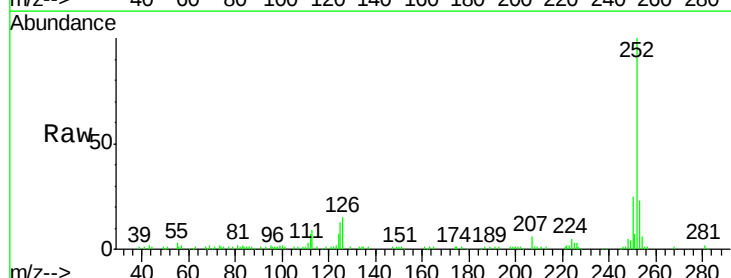
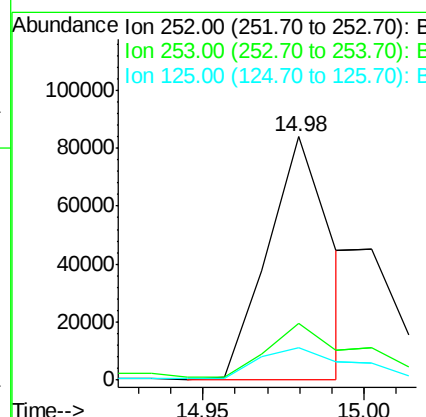
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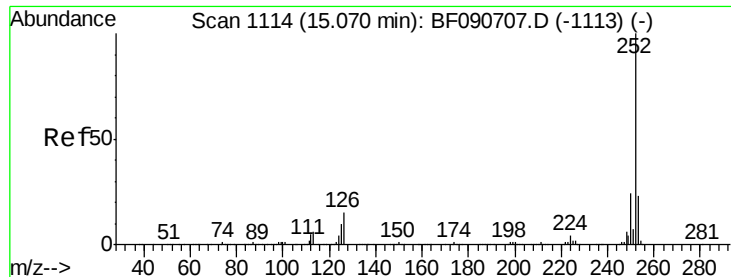
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#87
Benzo(b)fluoranthene
Concen: 4.91 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	13.3	17.1	25.7#





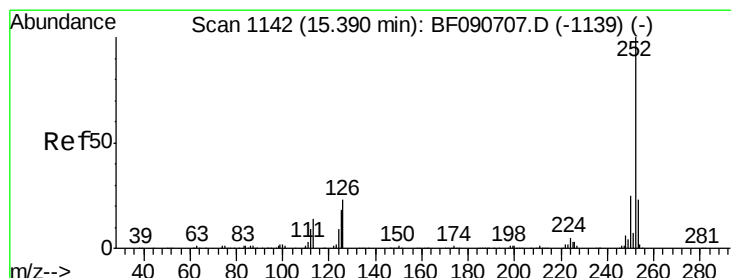
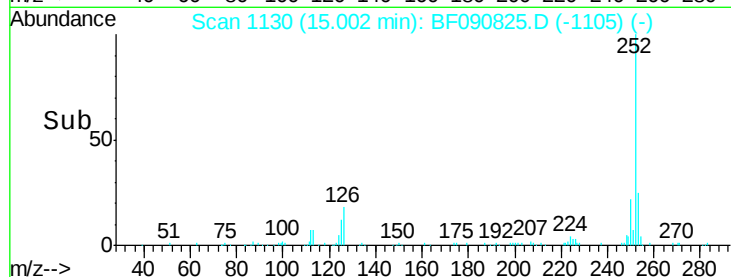
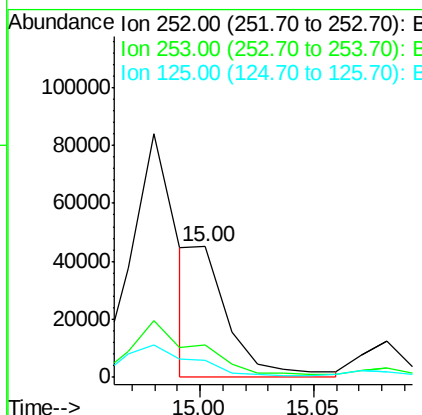
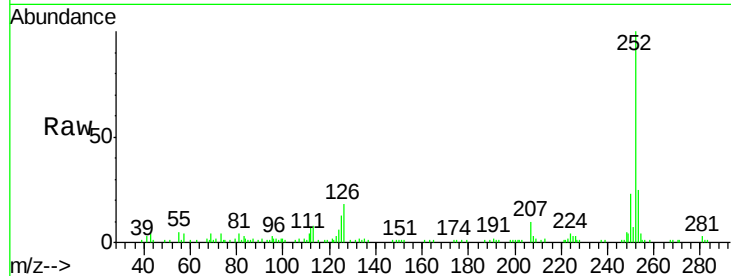
#88
Benzo(k)fluoranthene
Concen: 2.11 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.4
125	13.2	16.0	24.0

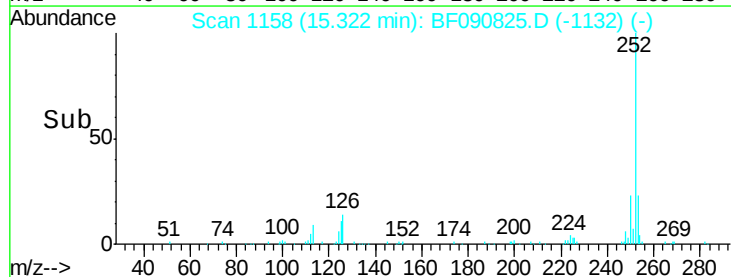
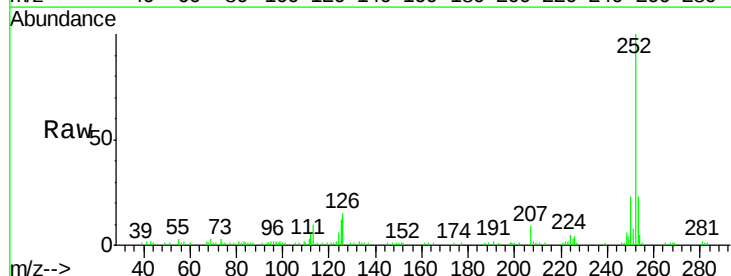
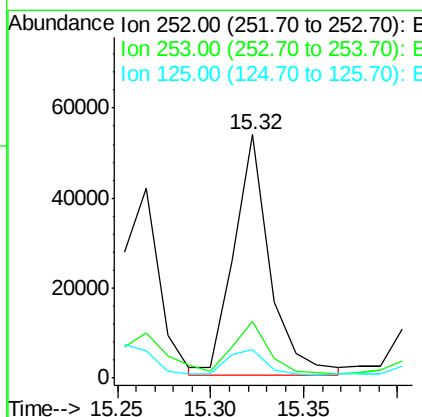
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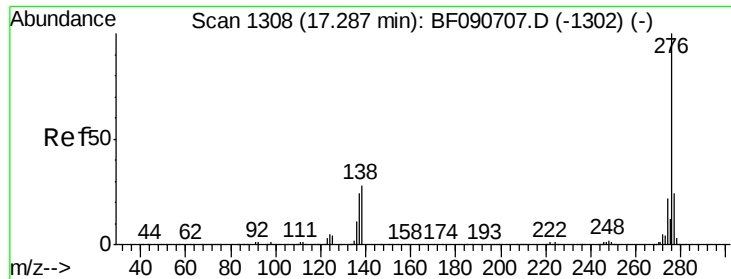
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#89
Benzo(a)pyrene
Concen: 3.29 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF090825.D
Acq: 25 Oct 2016 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.6	18.0	27.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.46 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF090825.D
 Acq: 25 Oct 2016 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-NORTH

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.8	26.6
138	27.9	34.6	51.8#

Manual Integrations
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