

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090824.D
 Acq On : 25 Oct 2016 22:55
 Operator : UM/SJ
 Sample : H5394-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-EAST

Manual Integrations
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Quant Time: Oct 26 01:30:52 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	185520	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	784379	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	409100	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	663333	20.00	ng	0.00
75) Chrysene-d12	13.96	240	424601	20.00	ng	0.00
86) Perylene-d12	15.38	264	356172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1146346	99.65	ng	0.01
7) Phenol-d6	6.44	99	1585781	101.77	ng	0.00
23) Nitrobenzene-d5	7.37	82	976317	68.27	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	406142	125.43	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1623924	61.62	ng	-0.01
78) Terphenyl-d14	12.91	244	1463073	78.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	530867	20.65	ng	Qvalue # 97
70) Phenanthrene	11.34	178	149967	4.44	ng	97
74) Fluoranthene	12.53	202	341051	10.43	ng	90
77) Pyrene	12.76	202	270881	9.13	ng	97
80) Benzo(a)anthracene	13.95	228	110254m	4.74	ng	
82) Chrysene	13.99	228	120717m	5.32	ng	
85) Indeno(1,2,3-cd)pyrene	16.75	276	65486	3.31	ng	# 84
87) Benzo(b)fluoranthene	14.98	252	142916m	6.53	ng	
88) Benzo(k)fluoranthene	14.99	252	58945m	2.68	ng	
89) Benzo(a)pyrene	15.32	252	97761	4.76	ng	# 86
91) Benzo(g,h,i)perylene	17.15	276	59703	3.12	ng	# 81

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

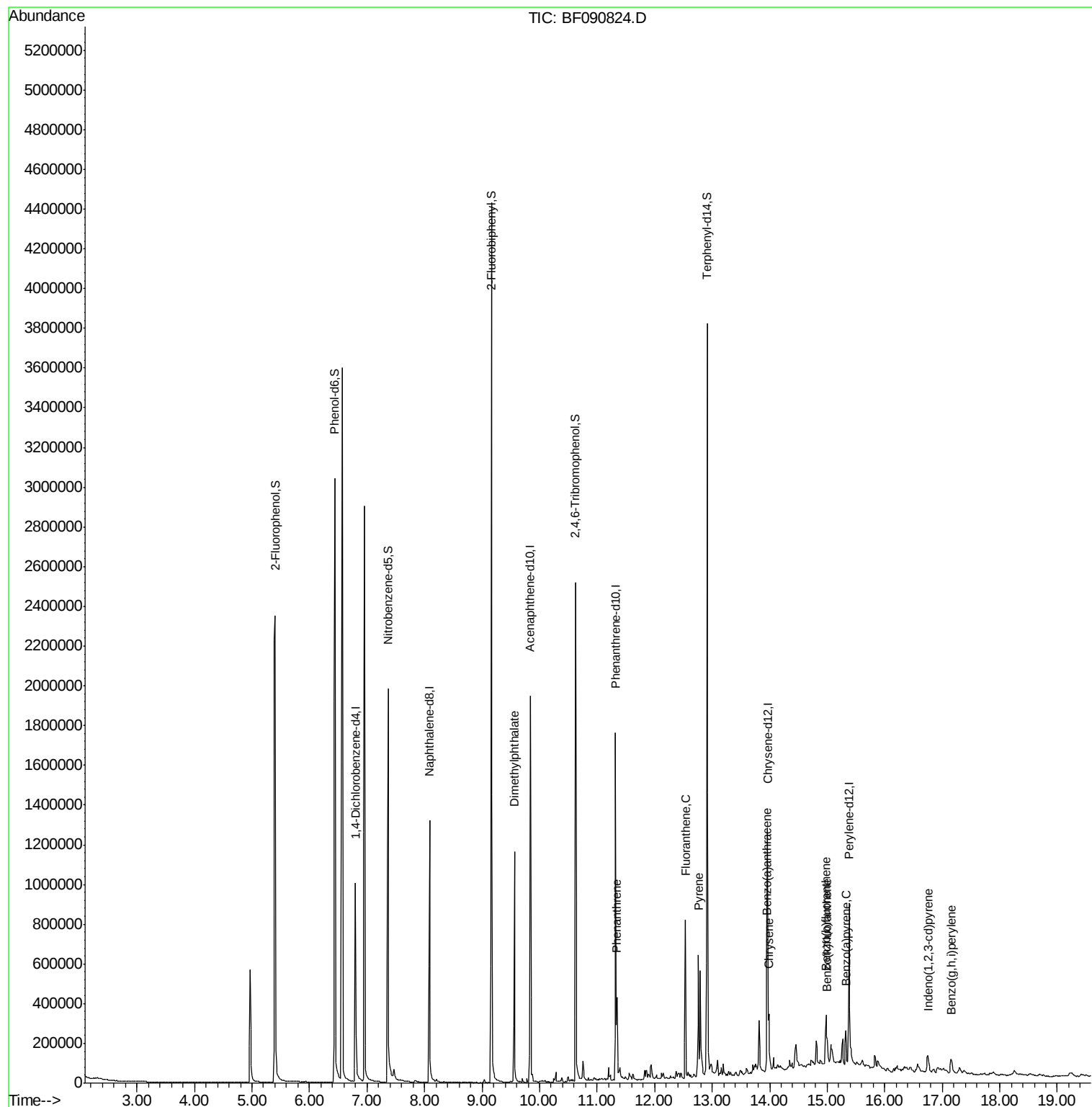
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090824.D
Acq On : 25 Oct 2016 22:55
Operator : UM/SJ
Sample : H5394-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

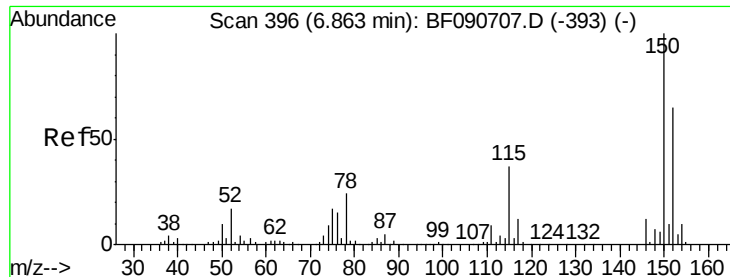
Instrument :
BNA_F
ClientSampleId :
SIDEWELL-EAST

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Quant Time: Oct 26 01:30:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

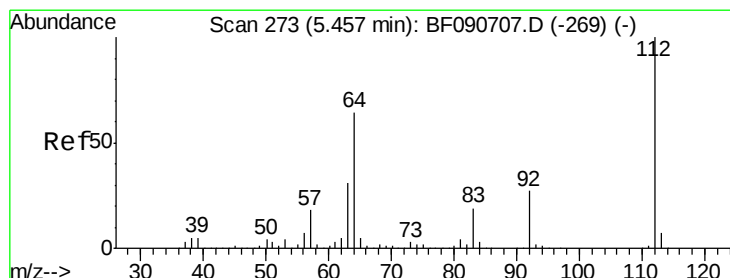
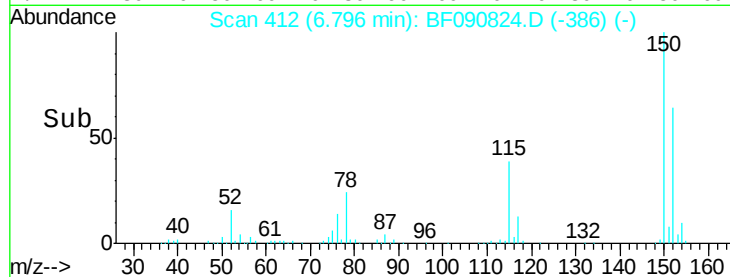
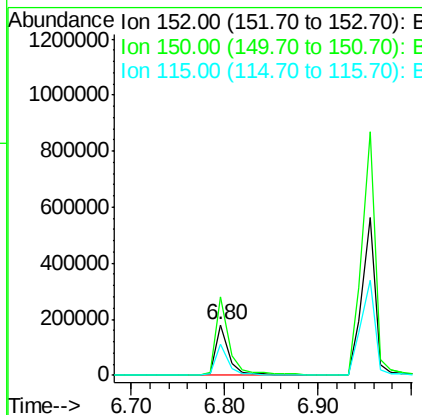
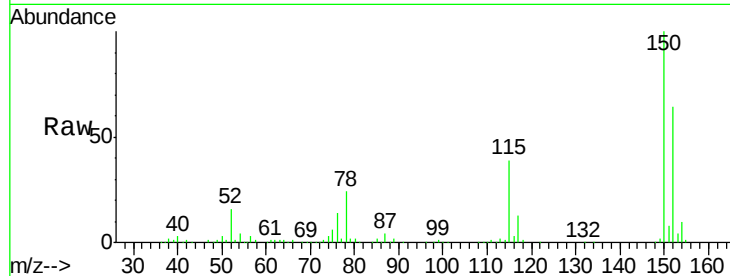
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-EAST

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.7	187.1
115	59.9	39.0	58.4

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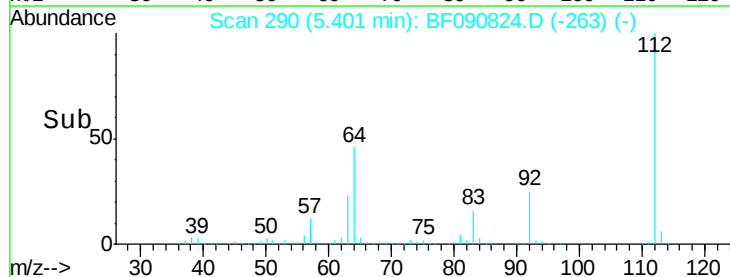
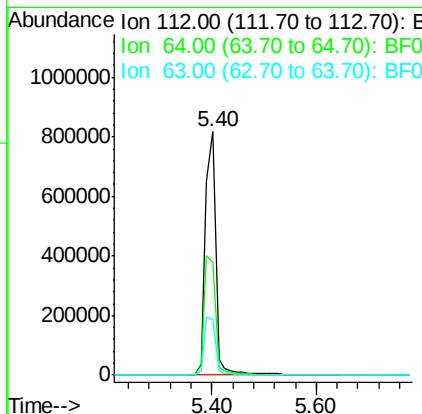
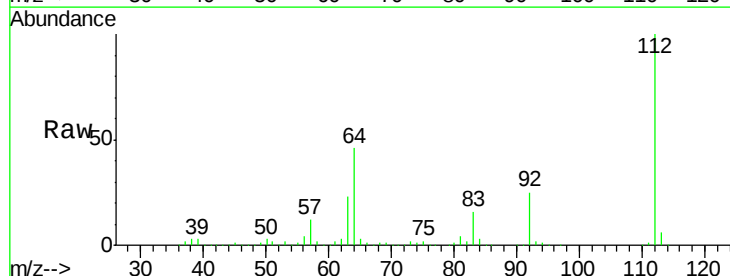
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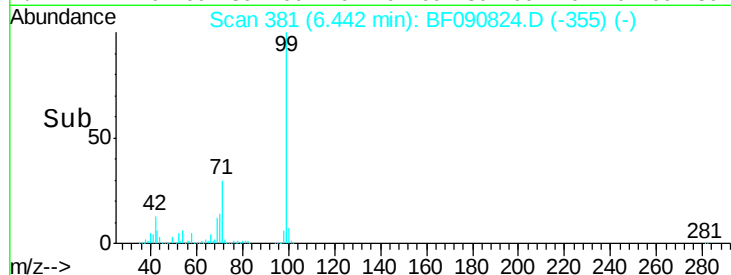
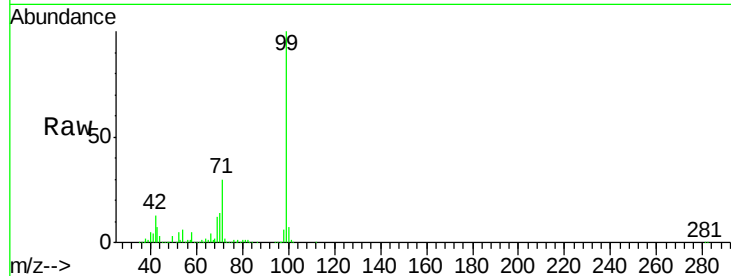


#5

2-Fluorophenol
 Concen: 99.65 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.5	39.7	59.5
63	22.7	17.4	26.0





#7

Phenol-d6

Concen: 101.77 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090824.D

Acq: 25 Oct 2016 22:55

Tot Ion: 99 Resp: 1585781

Ion Ratio Lower Upper

99 100

42 12.6 13.7 20.5#

71 30.1 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

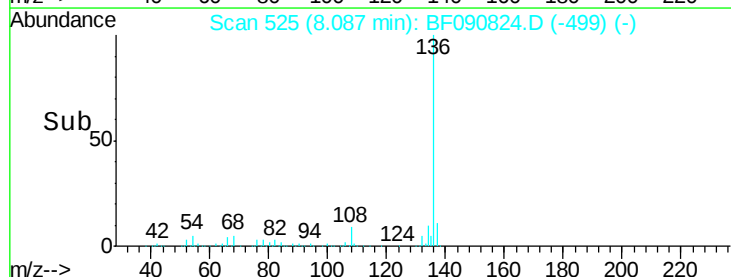
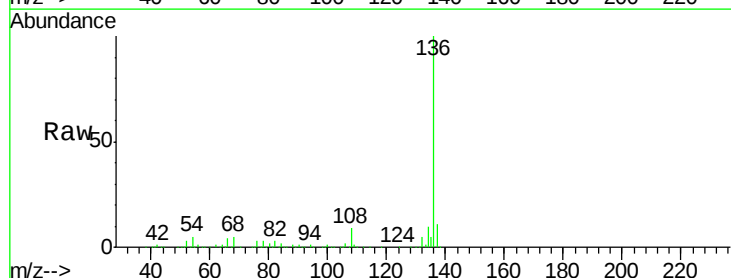
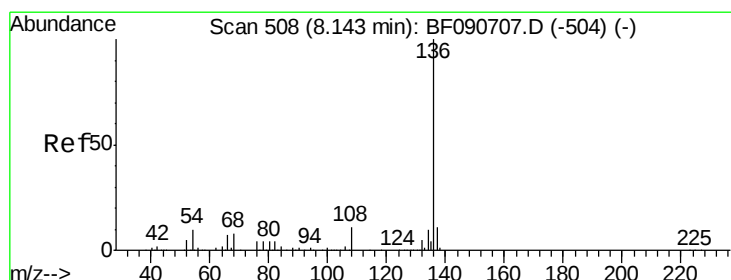
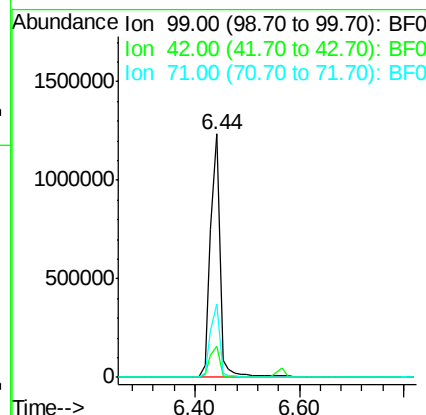
SIDEWELL-EAST

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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: BF090824.D

Acq: 25 Oct 2016 22:55

Tgt Ion: 136 Resp: 784379

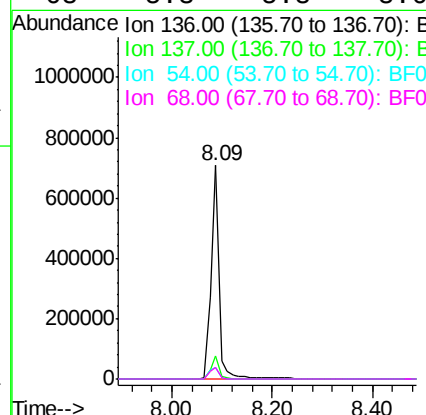
Ion Ratio Lower Upper

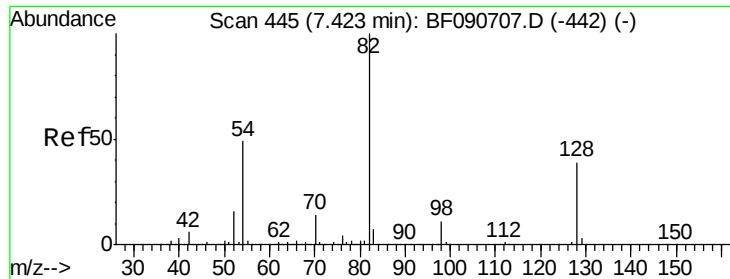
136 100

137 10.8 9.0 13.6

54 5.4 8.2 12.2#

68 5.3 5.8 8.6#





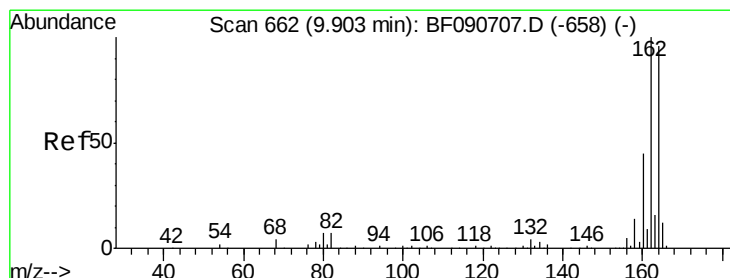
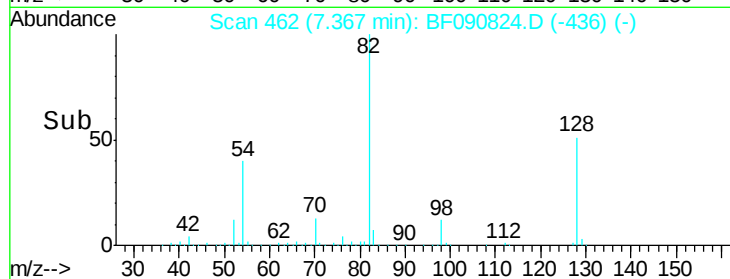
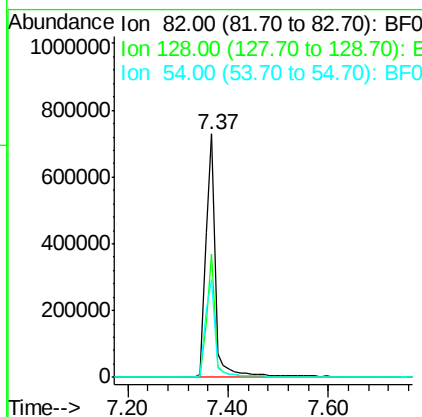
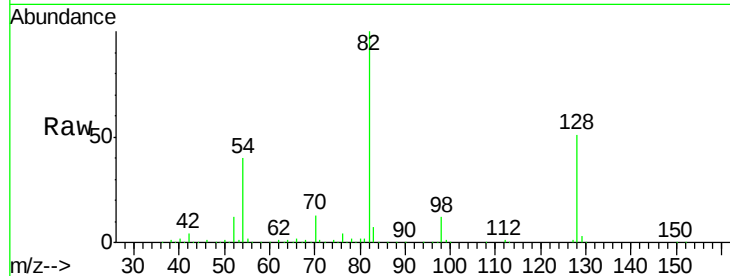
#23
 Nitrobenzene-d5
 Concen: 68.27 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-EAST

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	51.0	76.6#
54	39.9	47.5	71.3#

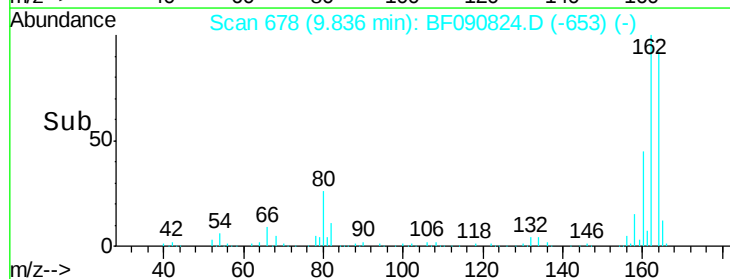
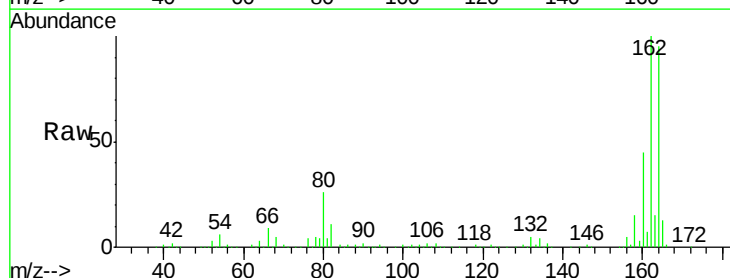
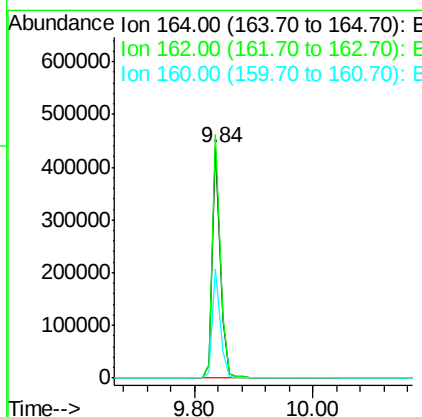
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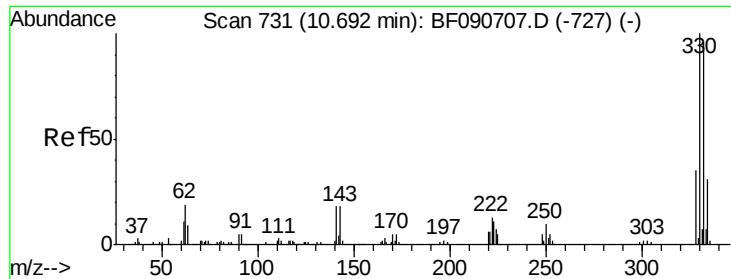
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	75.2	112.8
160	47.2	31.5	47.3





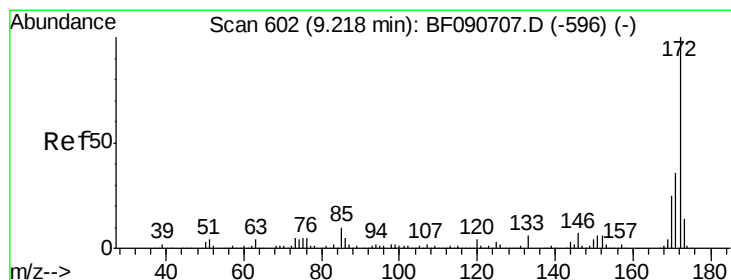
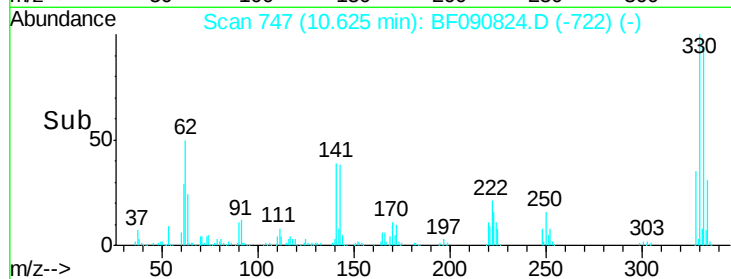
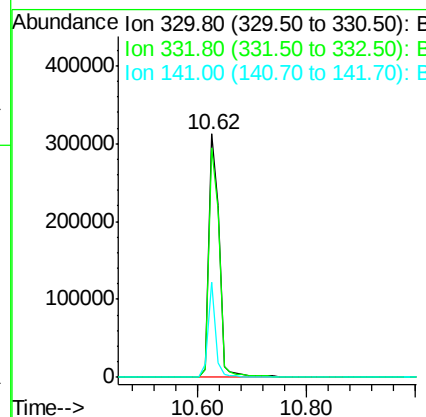
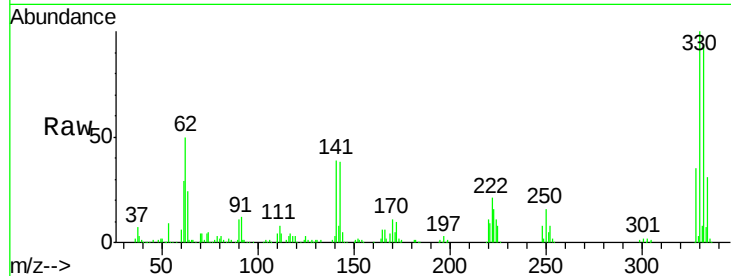
#41
 2,4,6-Tribromophenol
 Concen: 125.43 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-EAST

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.6	114.8	
141	28.7	29.7	44.5#	

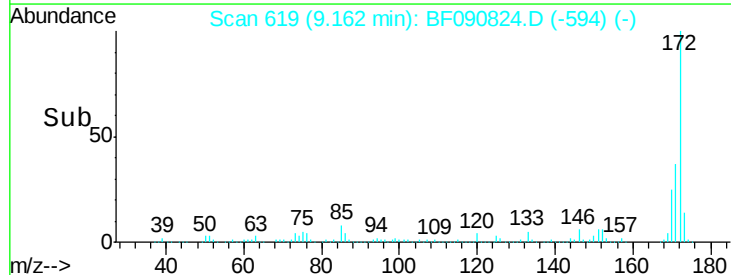
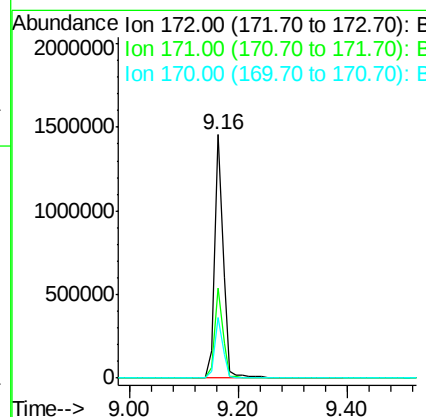
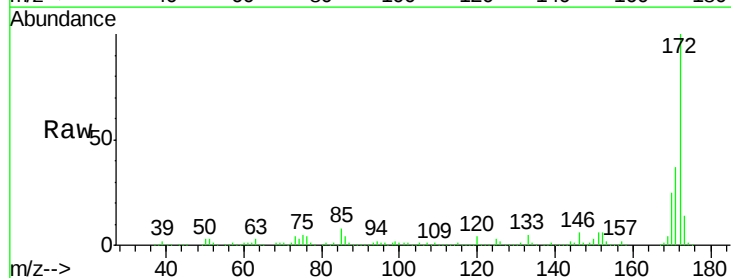
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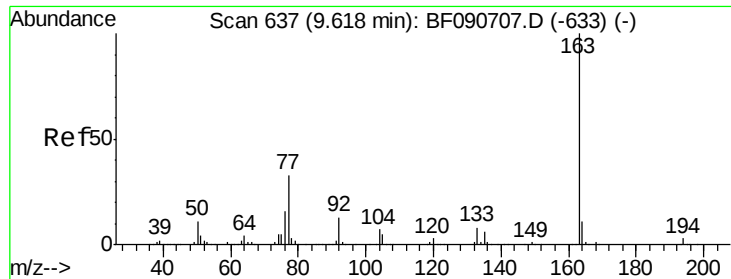
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#44
 2-Fluorobiphenyl
 Concen: 61.62 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	26.1	39.1	
170	24.9	17.4	26.2	





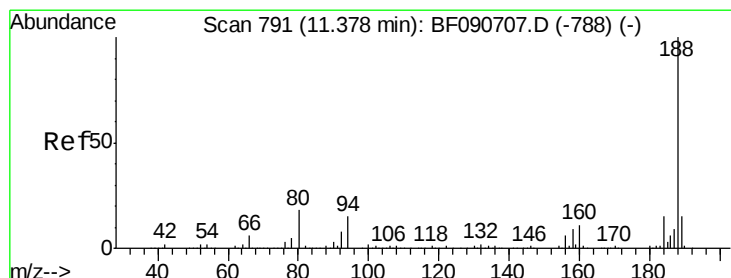
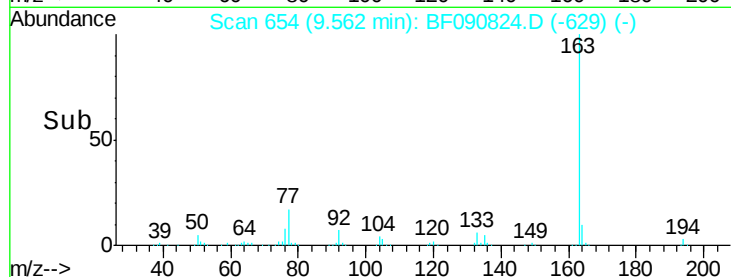
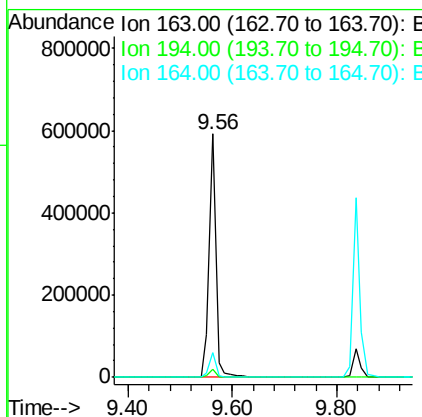
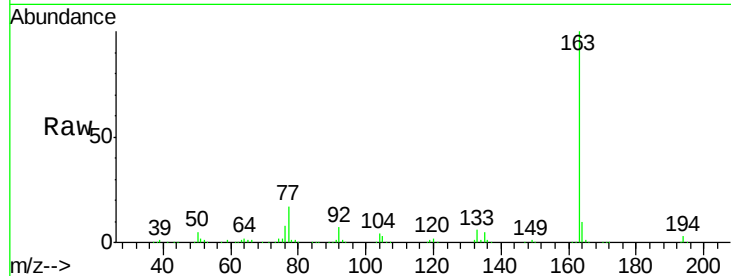
#49
Dimethylphthalate
Concen: 20.65 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-EAST

Tot Ion	Ratio	Resp	Lower	Upper
163	100	530867		
194	3.5	4.4	6.6#	
164	10.1	8.3	12.5	

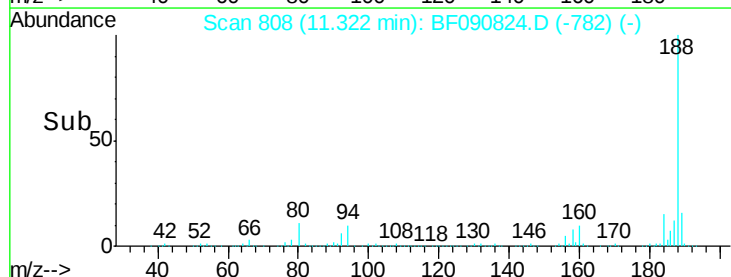
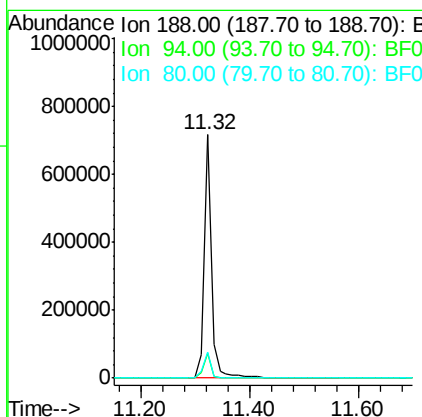
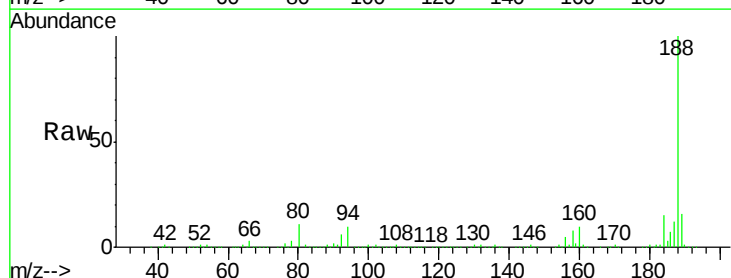
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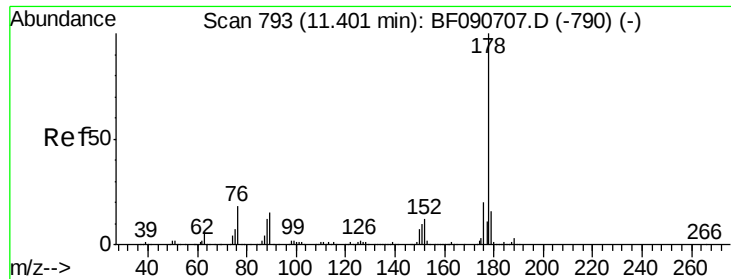
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	663333		
94	10.1	11.1	16.7#	
80	10.8	11.0	16.4#	





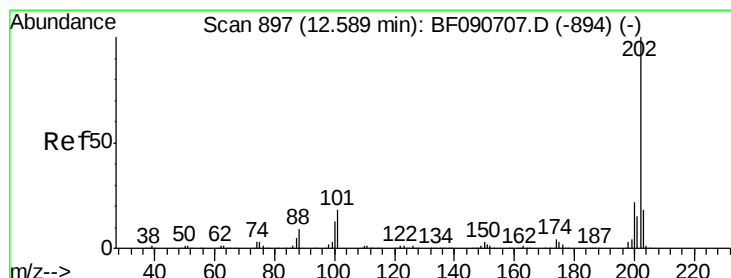
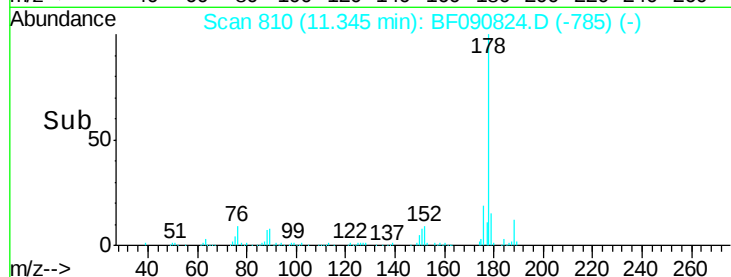
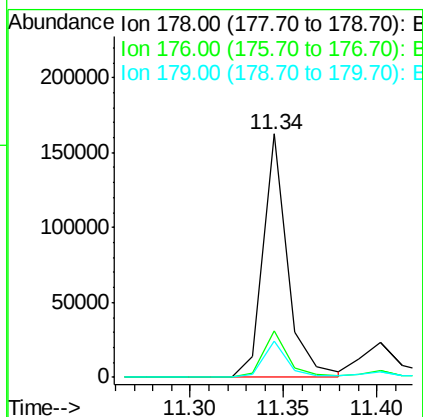
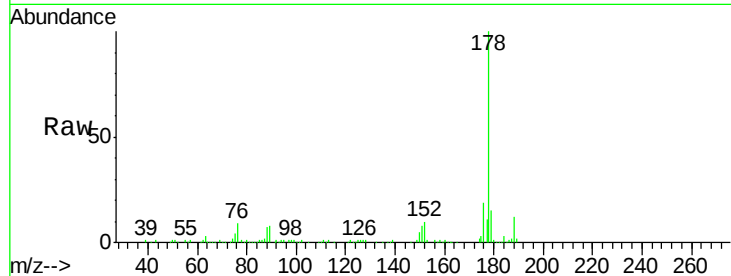
#70
Phenanthrene
Concen: 4.44 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-EAST

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	14.7	12.2	18.2

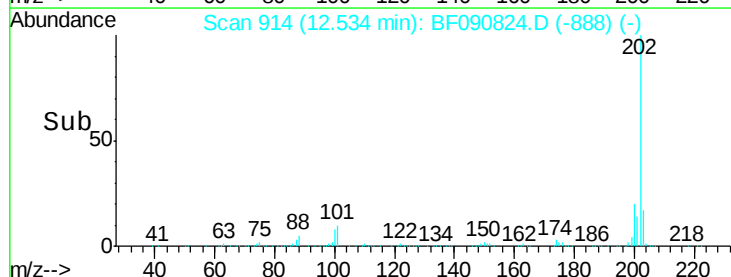
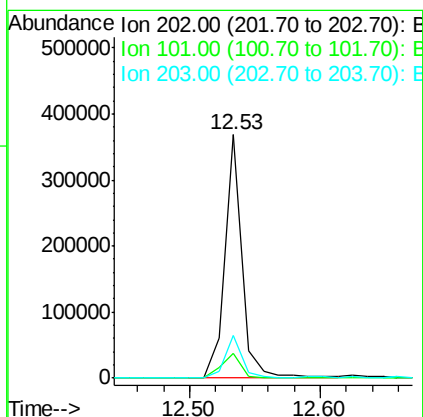
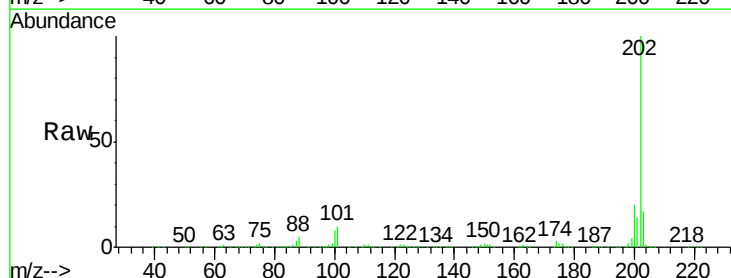
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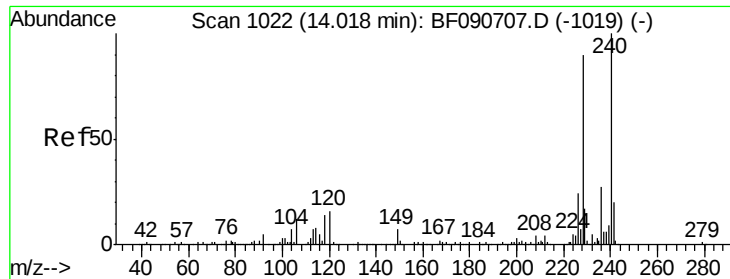
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#74
Fluoranthene
Concen: 10.43 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	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: BF090824.D

Acq: 25 Oct 2016 22:55

Instrument :

BNA_F

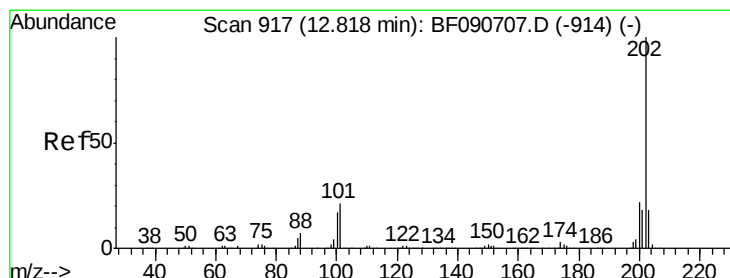
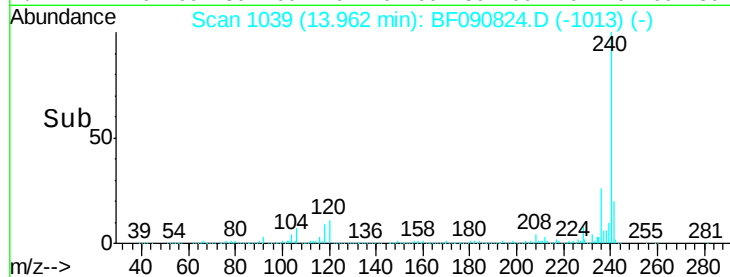
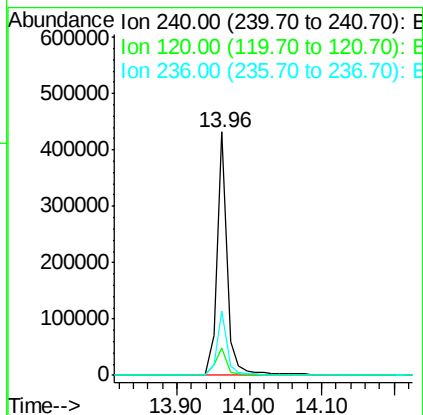
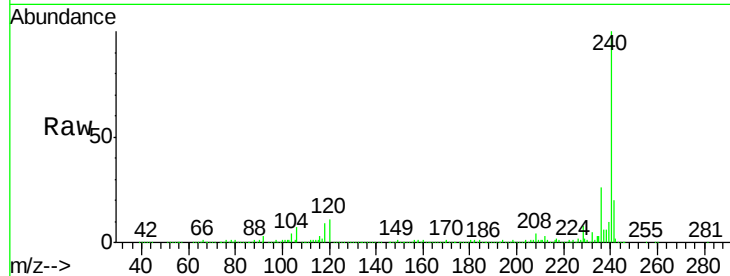
ClientSampleId :

SIDEWELL-EAST

Tot Ion:	240	Resp:	424601
Ion Ratio	Lower	Upper	
240	100		
120	11.1	16.2	24.2#
236	26.4	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 9.13 ng

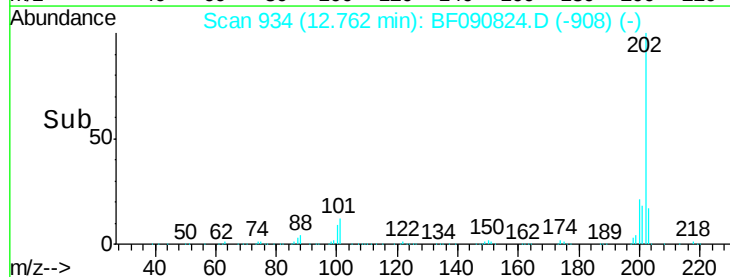
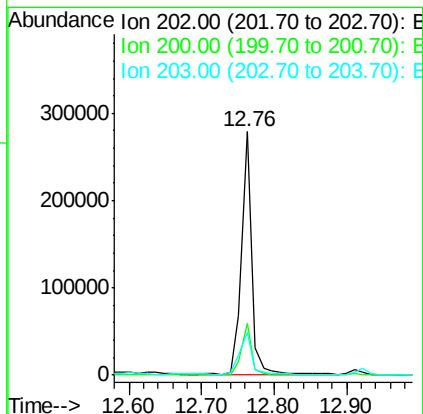
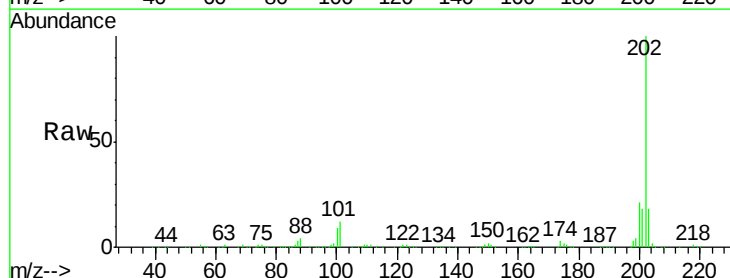
RT: 12.76 min Scan# 934

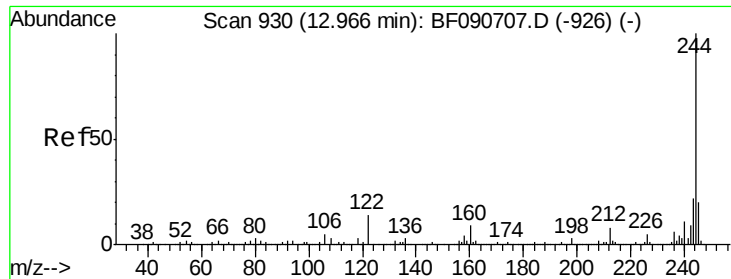
Delta R.T. -0.00 min

Lab File: BF090824.D

Acq: 25 Oct 2016 22:55

Tgt Ion:	202	Resp:	270881
Ion Ratio	Lower	Upper	
202	100		
200	21.2	15.0	22.4
203	17.7	14.1	21.1





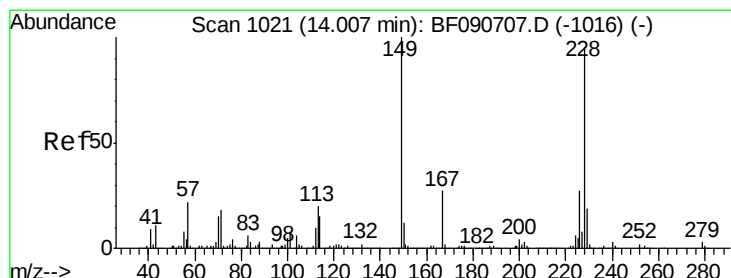
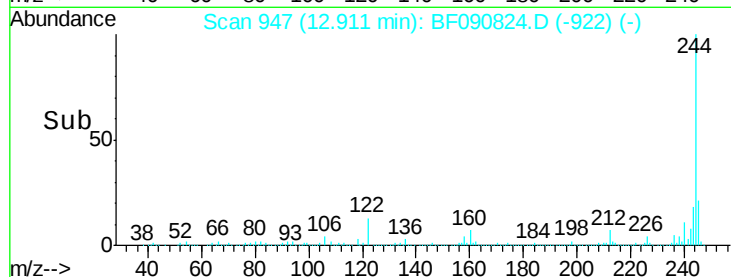
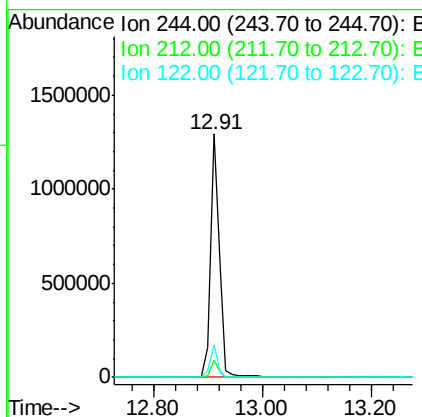
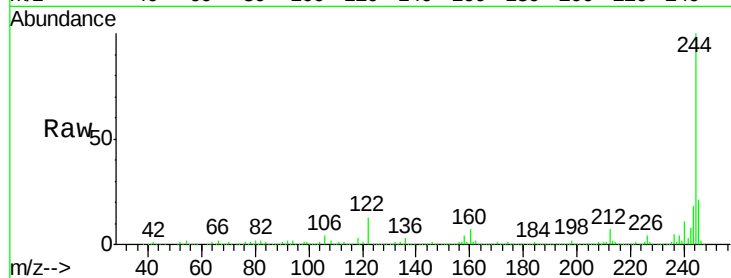
#78
 Terphenyl-d14
 Concen: 78.97 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-EAST

Tot Ion:244 Resp: 1463073
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 13.2 17.4 26.2#

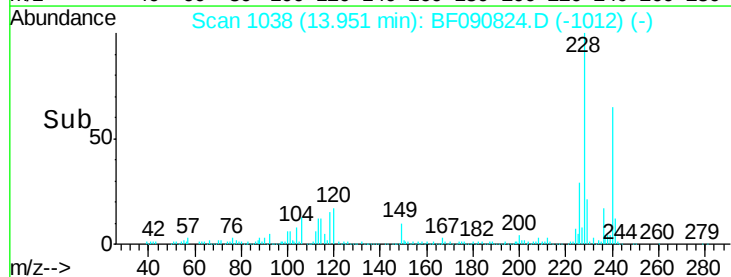
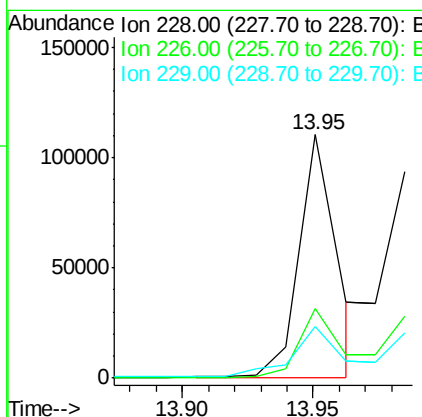
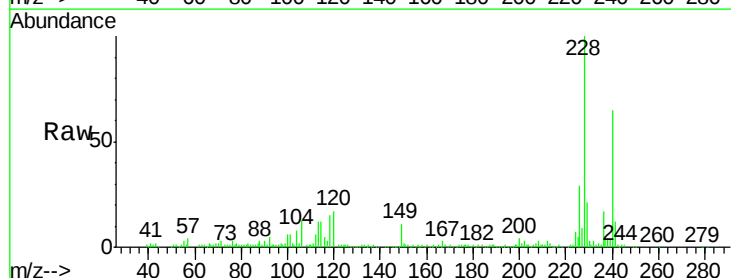
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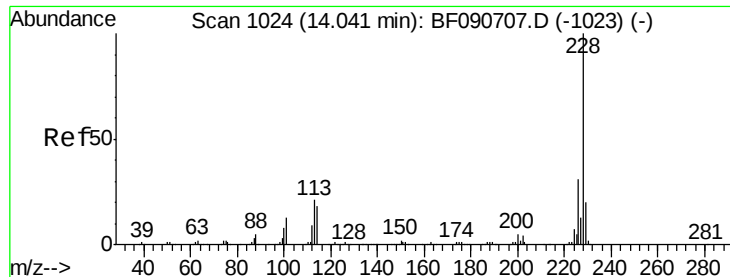
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#80
 Benzo(a)anthracene
 Concen: 4.74 ng m
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Tgt Ion:228 Resp: 110254
 Ion Ratio Lower Upper
 228 100
 226 28.6 20.0 30.0
 229 21.2 15.4 23.2





#82

Chrysene

Concen: 5.32 ng/mL

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF090824.D

Acq: 25 Oct 2016 22:55

Instrument :

BNA_F

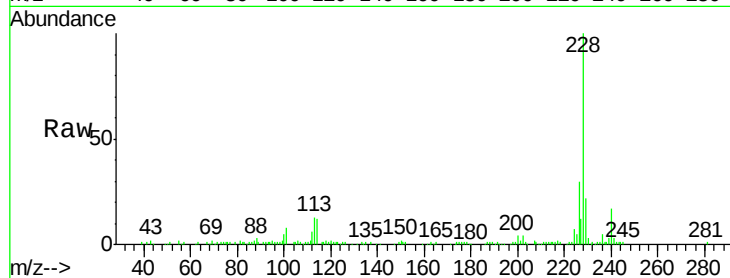
ClientSampleId :

SIDEWELL-EAST

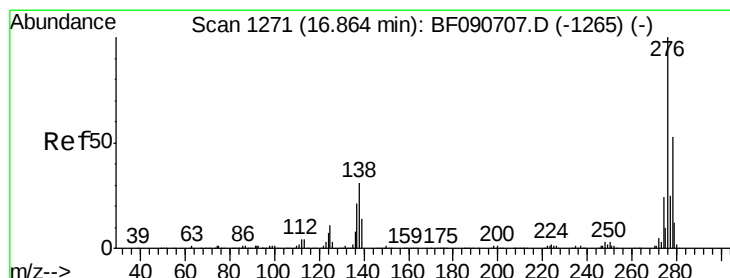
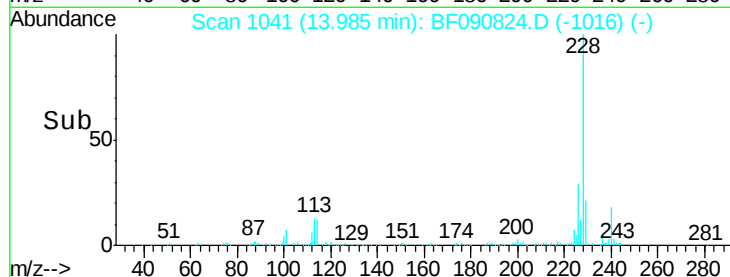
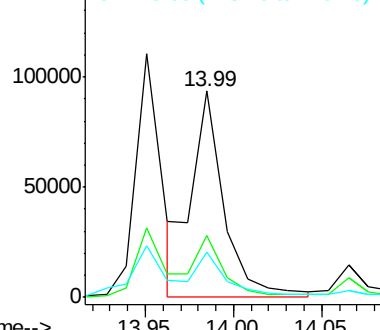
Tot Ion:	228	Resp:	120717
Ion Ratio	Lower	Upper	
228	100		
226	29.7	21.0	31.4
229	22.0	15.6	23.4

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.31 ng/mL

RT: 16.75 min Scan# 1283

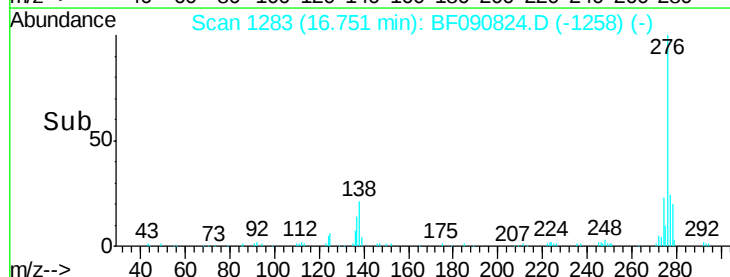
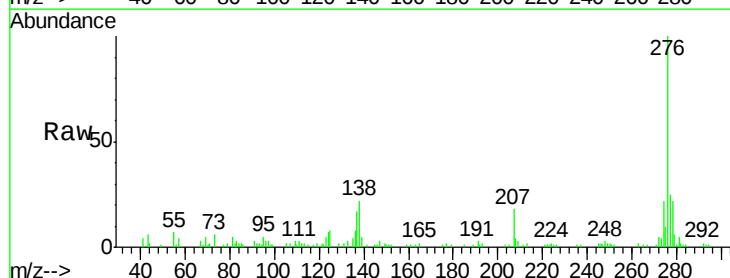
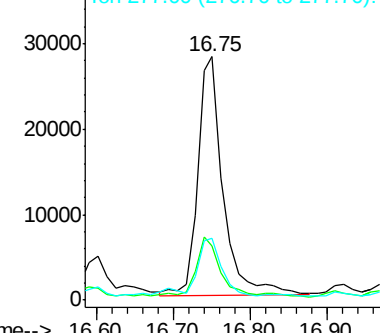
Delta R.T. -0.01 min

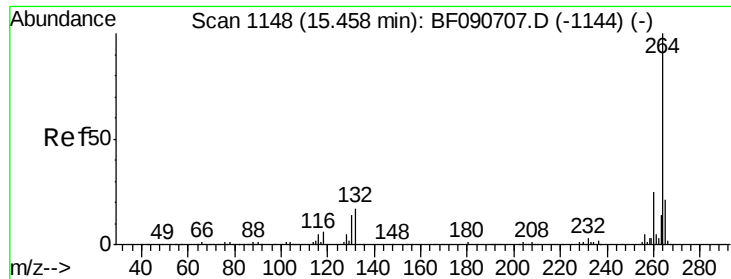
Lab File: BF090824.D

Acq: 25 Oct 2016 22:55

Tgt Ion:	276	Resp:	65486
Ion Ratio	Lower	Upper	
276	100		
138	23.9	25.7	38.5#
277	27.2	15.6	23.4#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





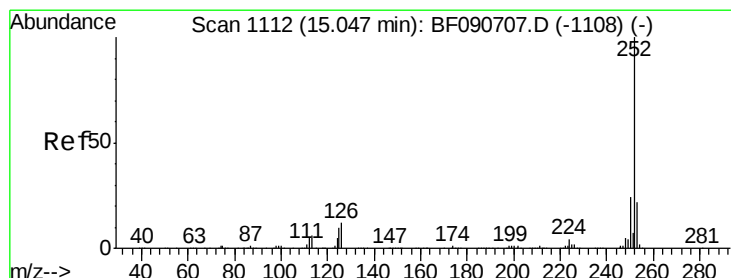
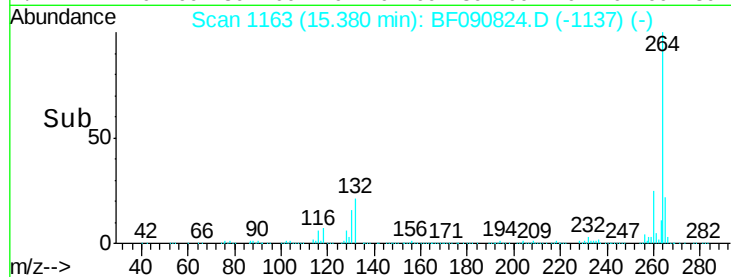
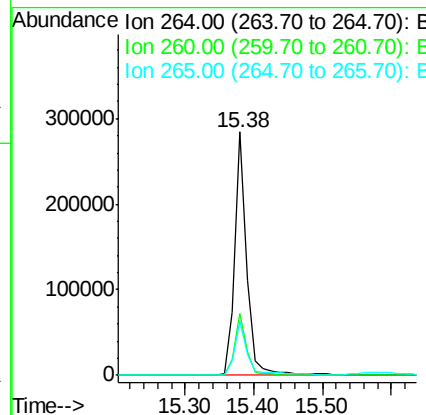
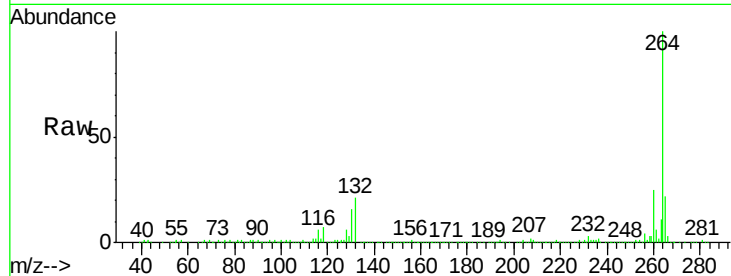
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-EAST

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	16.7	25.1#
265	22.2	17.2	25.8

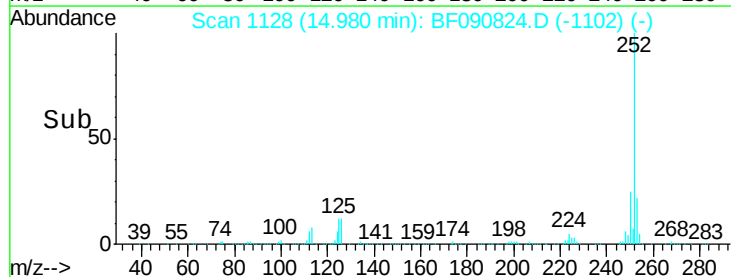
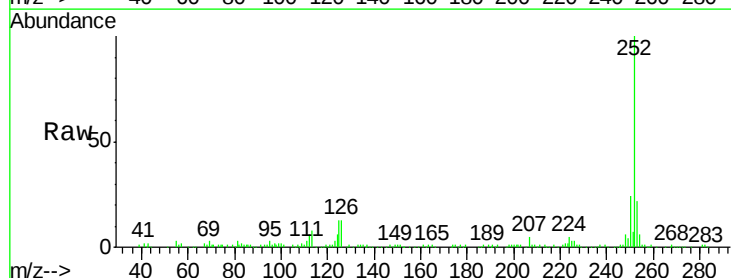
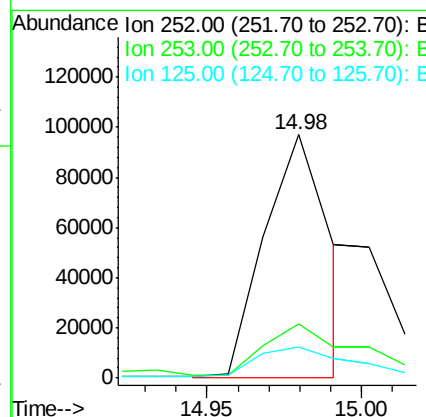
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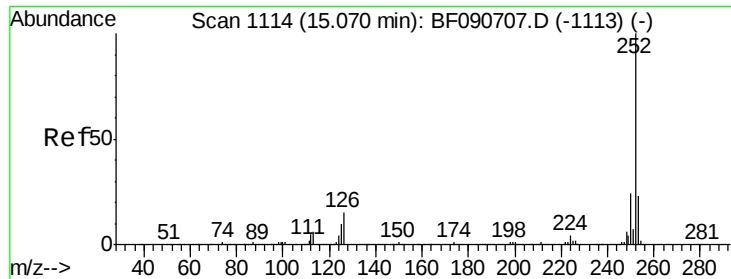
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#87
Benzo(b)fluoranthene
Concen: 6.53 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.7	17.1	25.7#





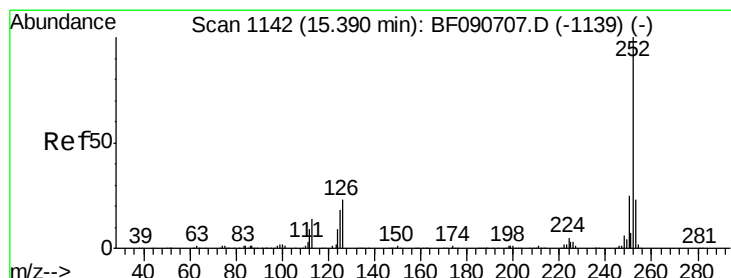
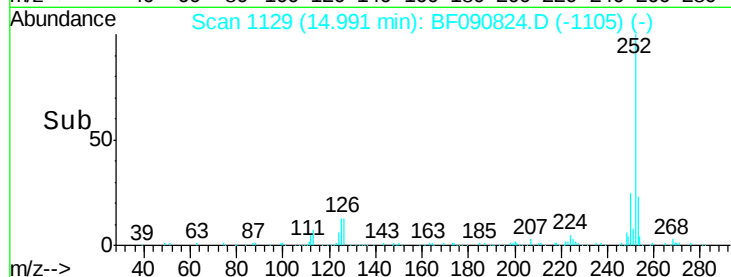
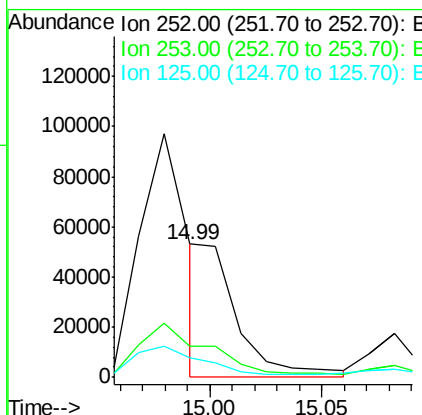
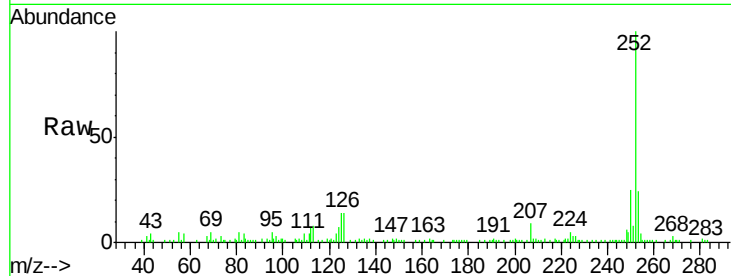
#88
Benzo(k)fluoranthene
Concen: 2.68 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-EAST

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	14.4	16.0	24.0

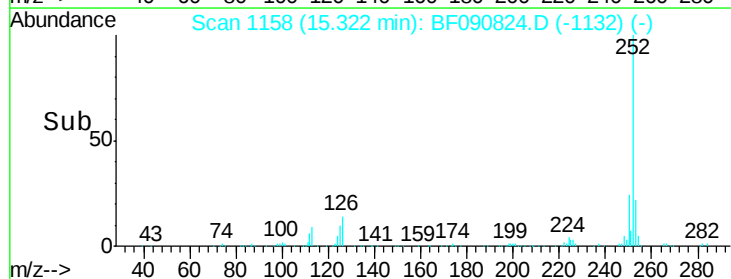
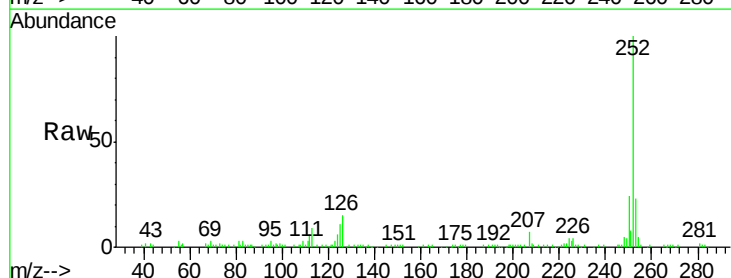
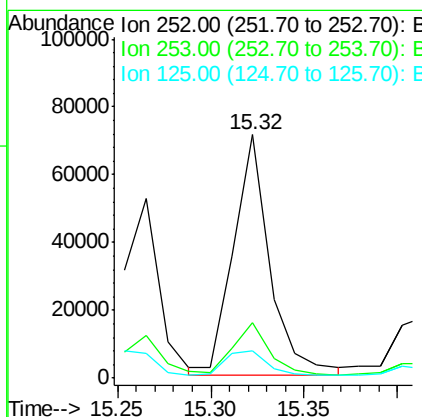
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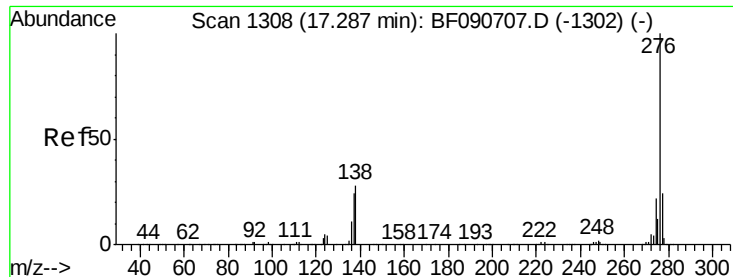
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#89
Benzo(a)pyrene
Concen: 4.76 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF090824.D
Acq: 25 Oct 2016 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.1	18.0	27.0





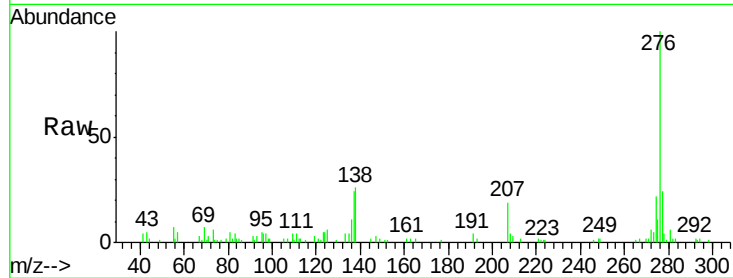
#91
 Benzo(a,h,i)perylene
 Concen: 3.12 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF090824.D
 Acq: 25 Oct 2016 22:55

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-EAST

Tot Ion:	276	Resp:	59703
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.8	26.6
138	26.4	34.6	51.8#

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

