

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088895.D
 Acq On : 10 Jul 2016 3:21
 Operator : UM/SJ
 Sample : H3889-10 4X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Manual Integrations

sohil
 7/11/2016 7:16:34 PM

Quant Time: Jul 11 07:15:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	80591m	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	296112	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	128797	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	204066	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	139057	20.00	ng	-0.01
86) Perylene-d12	15.25	264	159620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	56879	10.58	ng	-0.02
7) Phenol-d6	6.35	99	92922	13.37	ng	-0.02
23) Nitrobenzene-d5	7.28	82	59216	10.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	28435	23.77	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	125523	15.39	ng	-0.01
78) Terphenyl-d14	12.81	244	102328	16.39	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	107614	11.73	ng	99
74) Fluoranthene	12.43	202	44851	3.97	ng	90
77) Pyrene	12.66	202	40098	3.40	ng	# 90
80) Benzo(a)anthracene	13.85	228	19601	2.19	ng	# 83
82) Chrysene	13.89	228	24908m	2.81	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	34805	5.80	ng	93
85) Indeno(1,2,3-cd)pyrene	16.54	276	36537	5.36	ng	# 100
87) Benzo(b)fluoranthene	14.87	252	48825m	4.88	ng	
89) Benzo(a)pyrene	15.19	252	24583	2.90	ng	# 57
91) Benzo(g,h,i)perylene	16.93	276	35656	4.87	ng	95

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

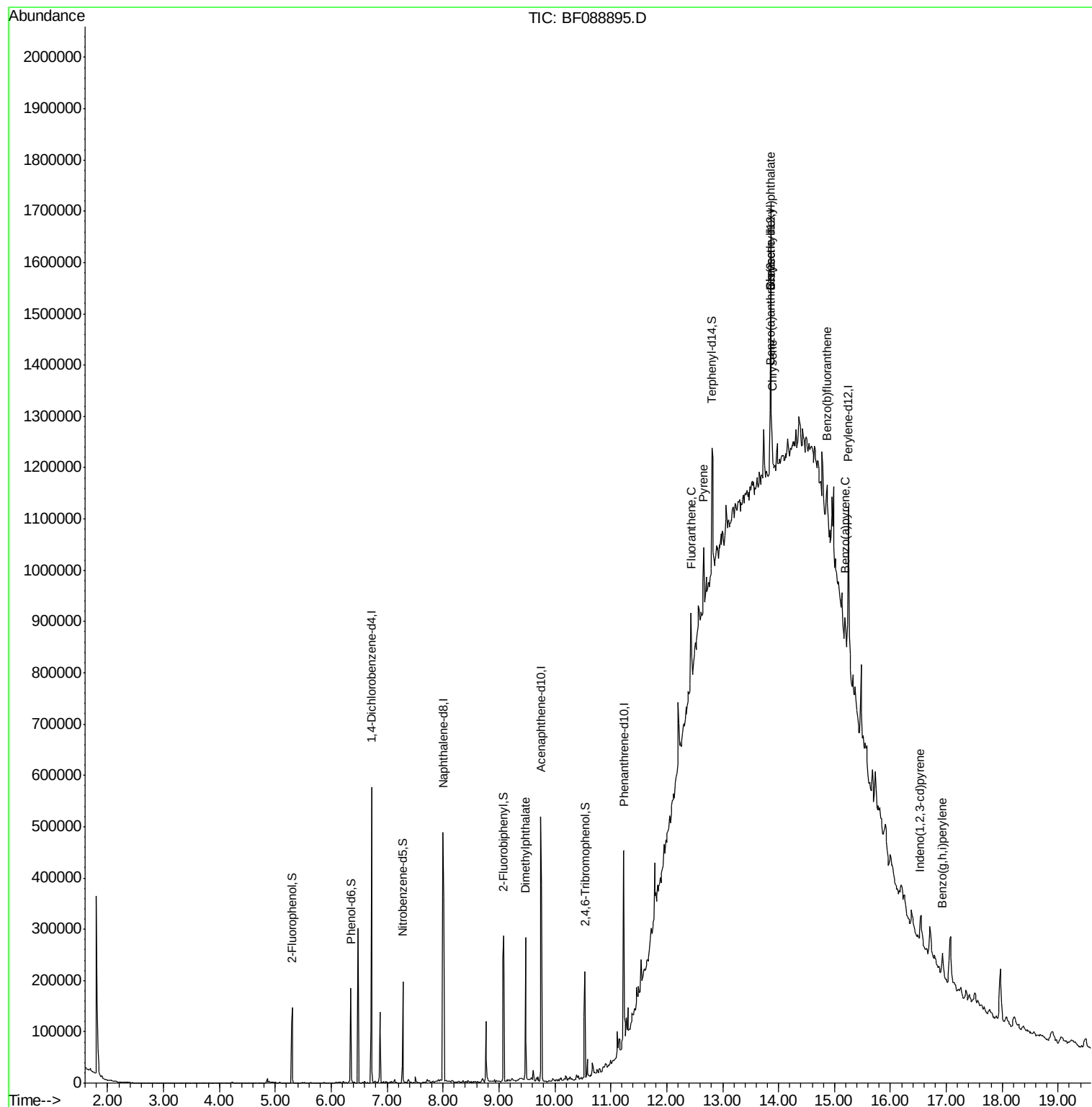
Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088895.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

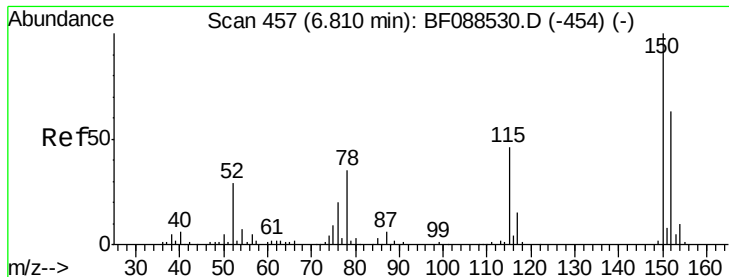
Instrument :
BNA_F
ClientSampleId :
SS-10

Manual Integrations

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7/11/2016 7:16:34 PM

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#1

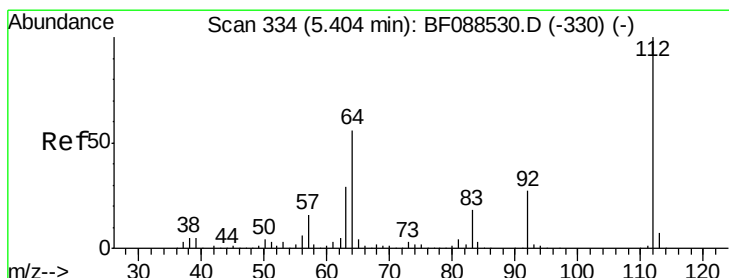
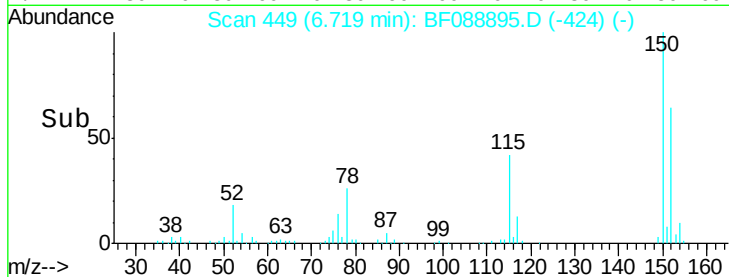
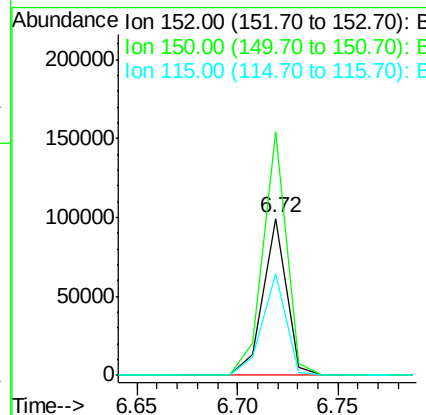
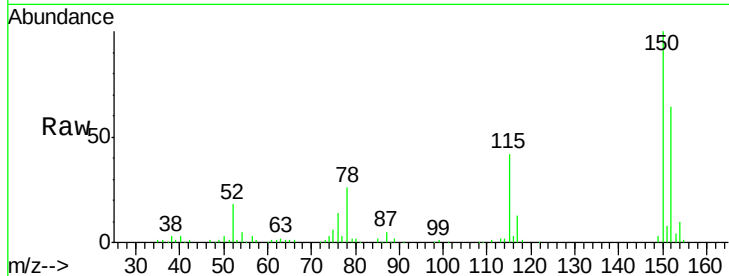
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SS-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	64.7	39.6	59.4

Manual Integrations

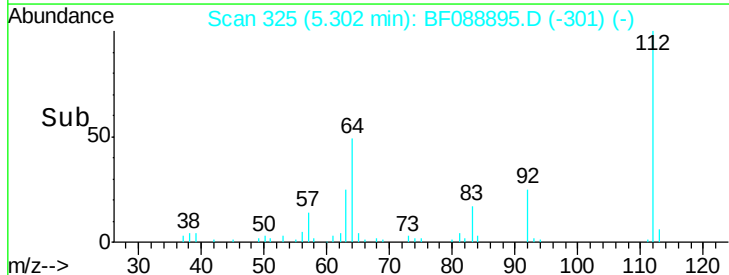
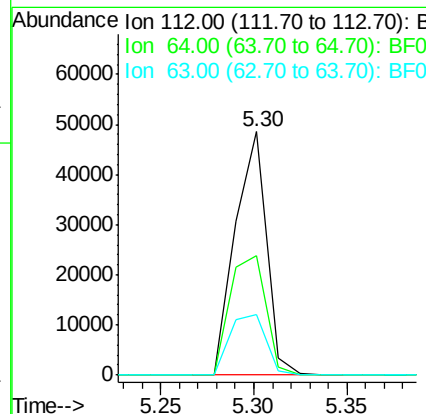
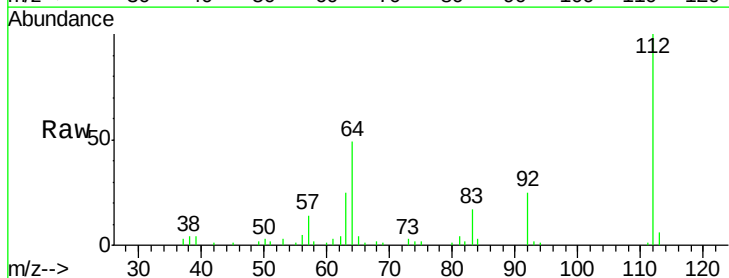
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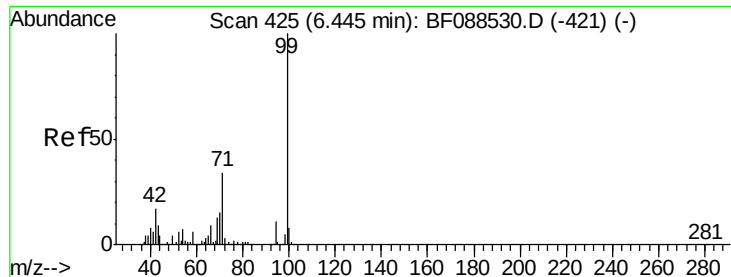


#5

2-Fluorophenol
Concen: 10.58 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	42.2	63.2
63	25.0	21.8	32.8





#7

Phenol-d6

Concen: 13.37 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Instrument :

BNA_F

ClientSampled :

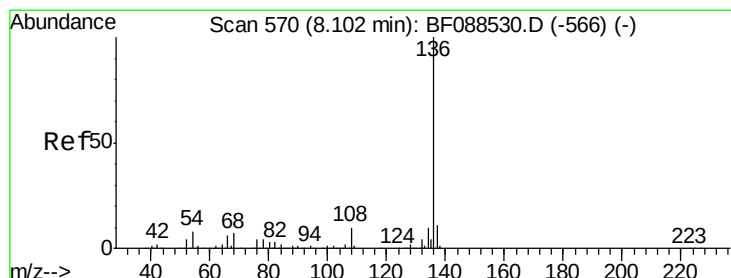
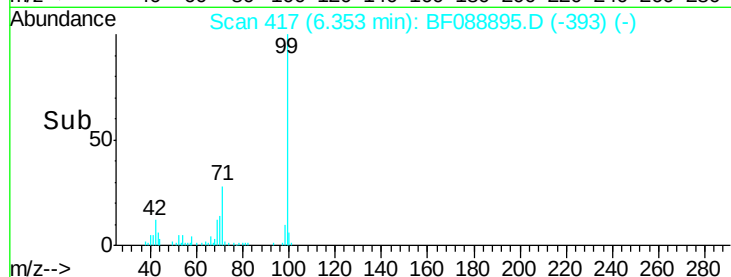
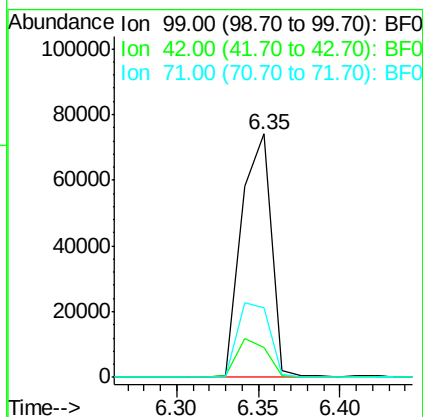
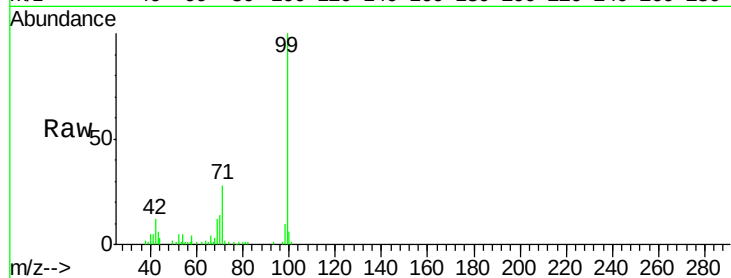
SS-10

Tot Ion:	99	Resp:	92922
Ion Ratio	Lower	Upper	
99	100		
42	12.2	12.2	18.2
71	28.5	23.4	35.0

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.00 ng

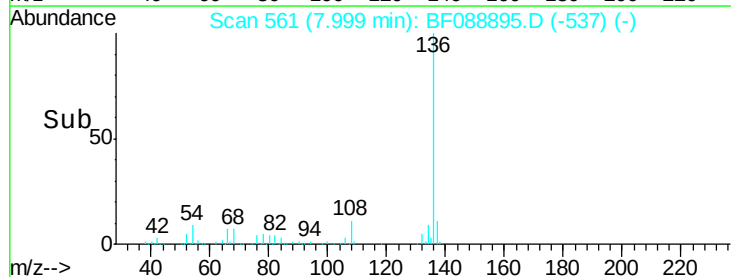
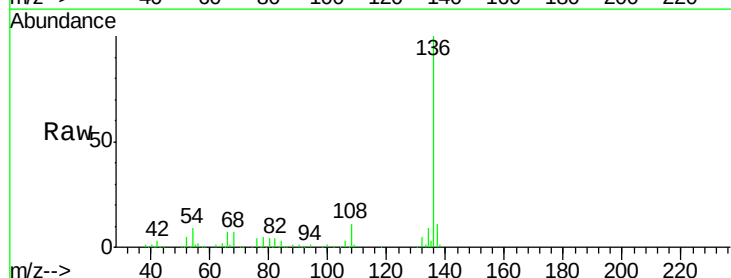
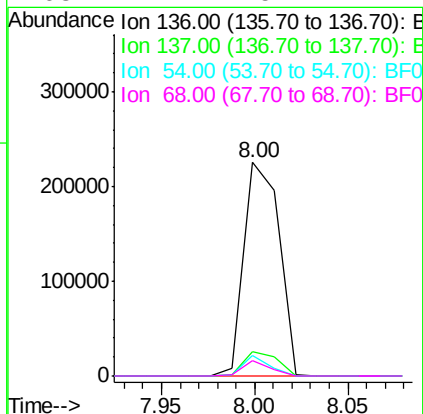
RT: 8.00 min Scan# 561

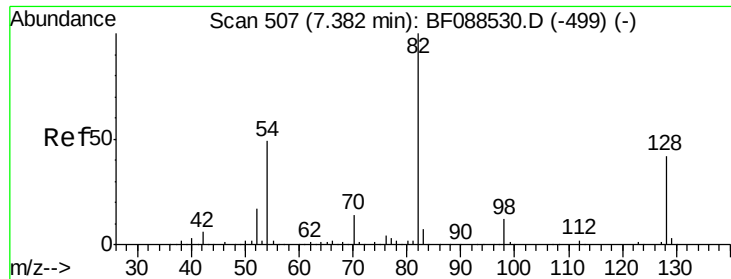
Delta R.T. -0.02 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Tgt Ion:	136	Resp:	296112
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	9.4	6.6	10.0
68	7.2	5.1	7.7





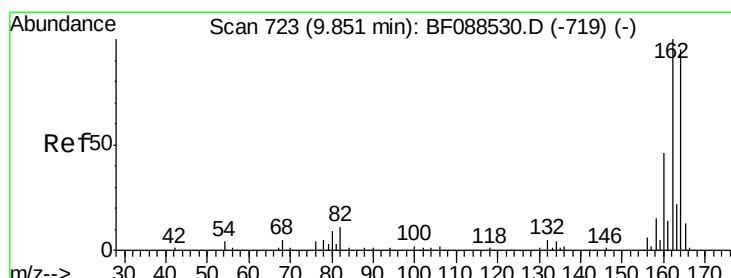
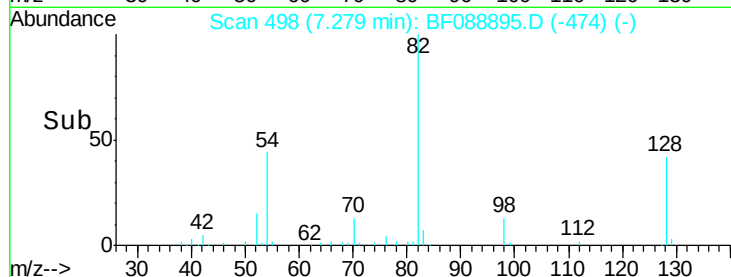
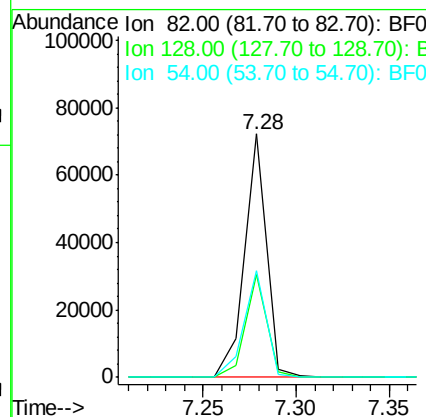
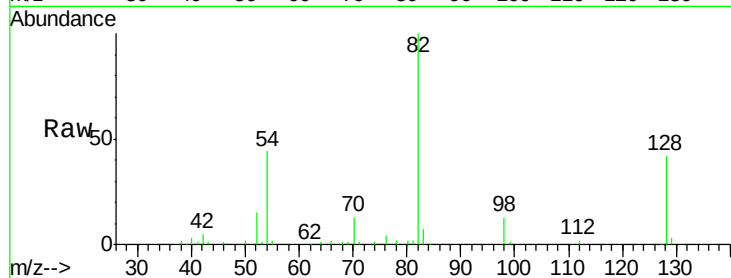
#23
Nitrobenzene-d5
Concen: 10.48 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Instrument :
BNA_F
ClientSampled :
SS-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.9	53.9
54	43.7	40.9	61.3

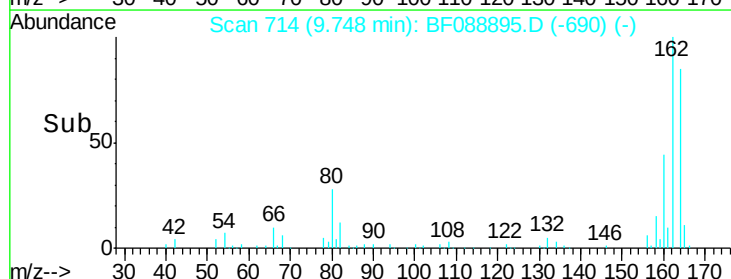
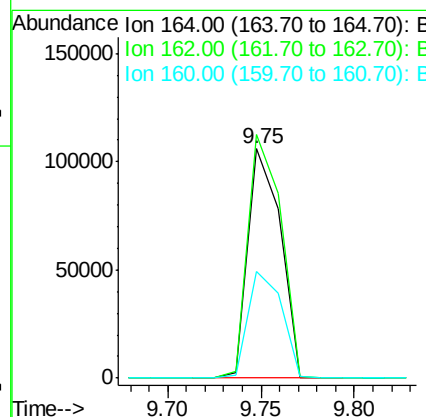
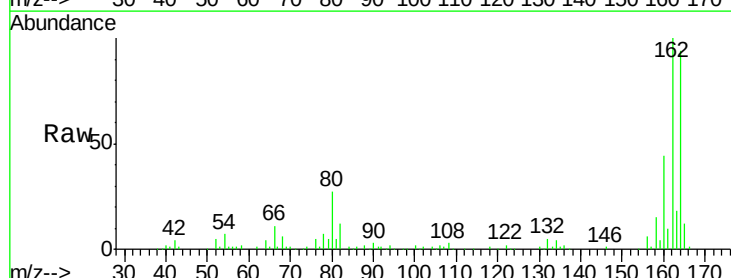
Manual Integrations

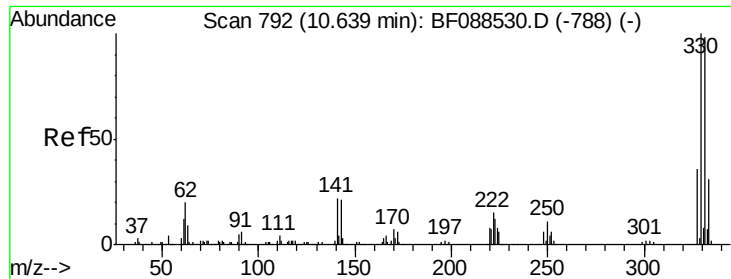
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.4	128.2
160	46.6	39.5	59.3





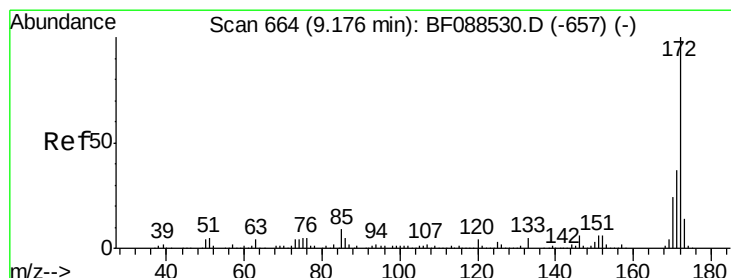
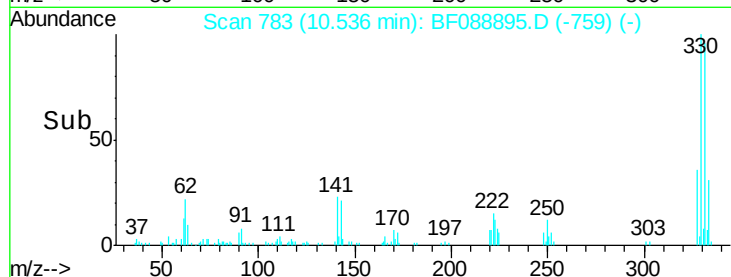
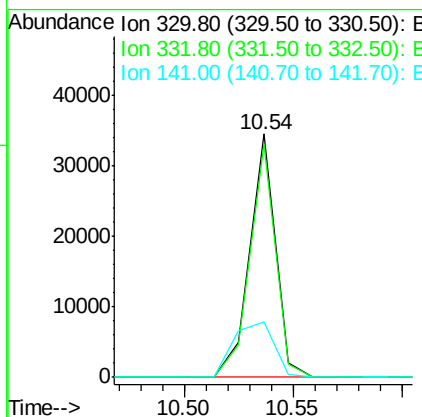
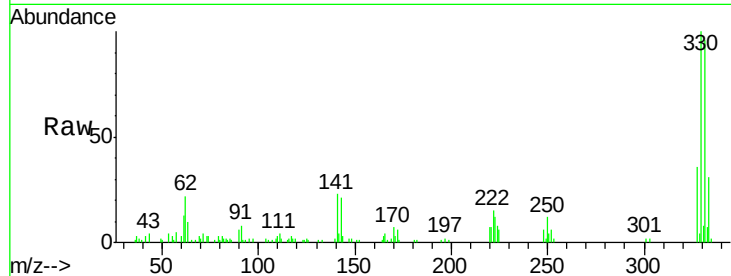
#41
 2,4,6-Tribromophenol
 Concen: 23.77 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088895.D
 Acq: 10 Jul 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	28435		
332	95.1	0.0	0.0	0.0
141	35.8	0.0	0.0	0.0

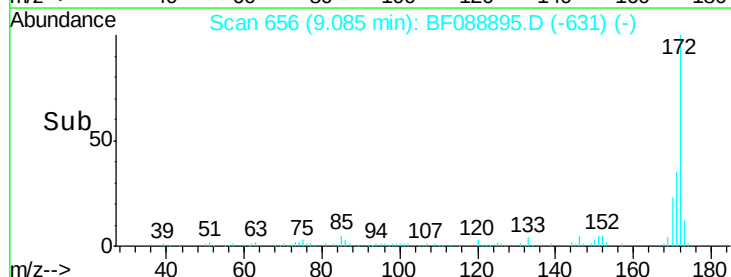
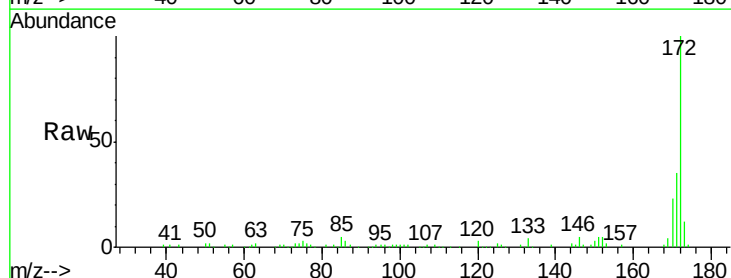
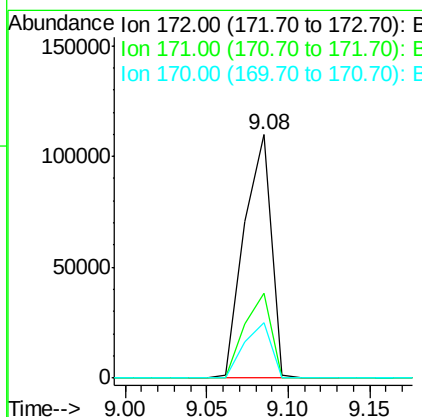
Manual Integrations

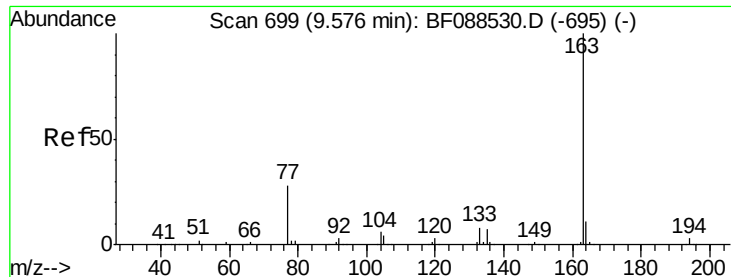
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#44
 2-Fluorobiphenyl
 Concen: 15.39 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088895.D
 Acq: 10 Jul 2016 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	125523		
171	34.9	28.6	43.0	
170	22.8	19.2	28.8	





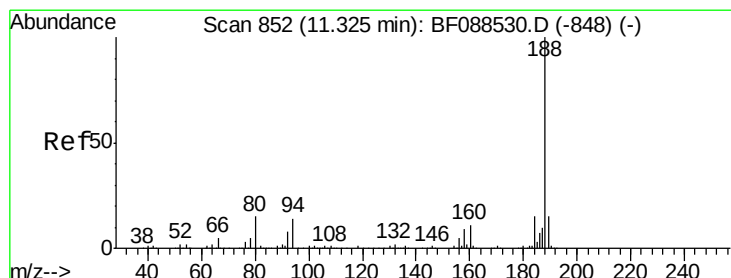
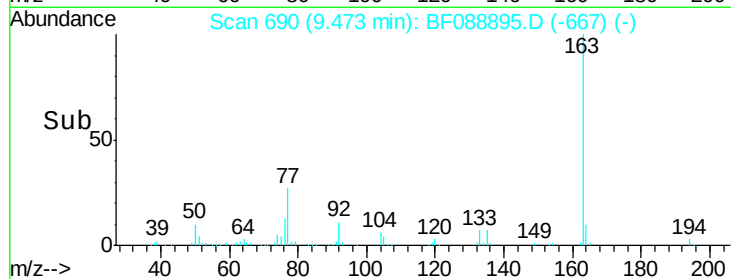
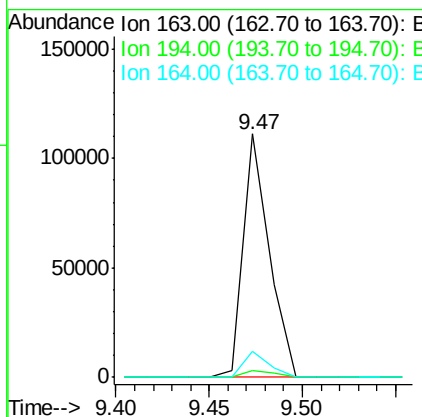
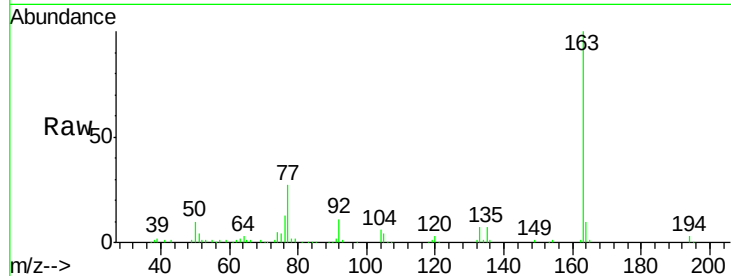
#49
Dimethylphthalate
Concen: 11.73 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SS-10

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	2.8	2.8	4.2	
164	10.5	8.3	12.5	

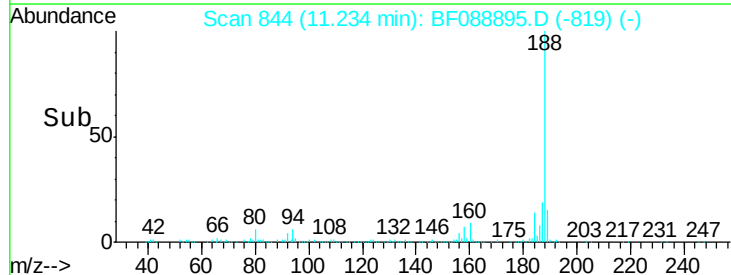
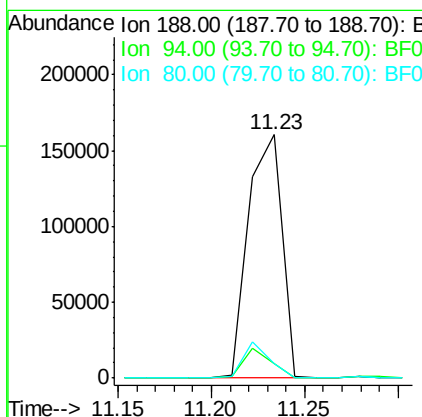
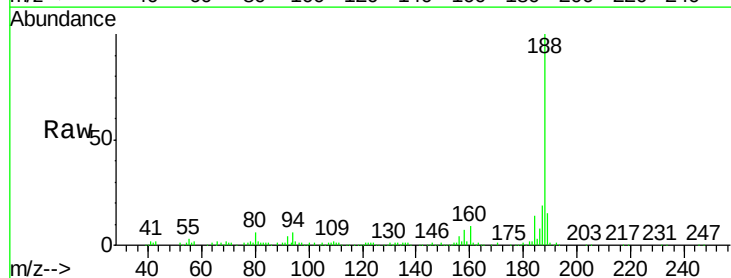
Manual Integrations

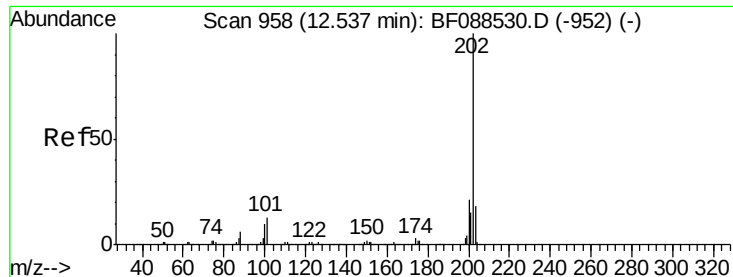
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.1	9.0	13.6#	
80	6.1	10.0	15.0#	





#74

Fluoranthene

Concen: 3.97 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Instrument :

BNA_F

ClientSampleId :

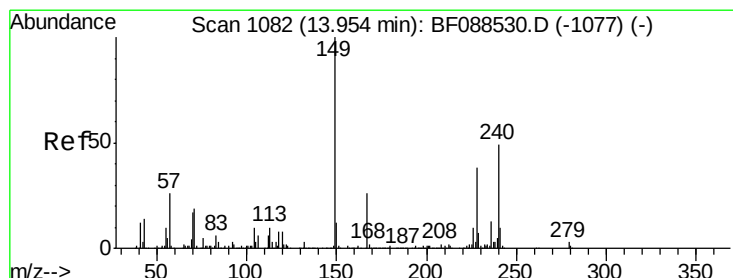
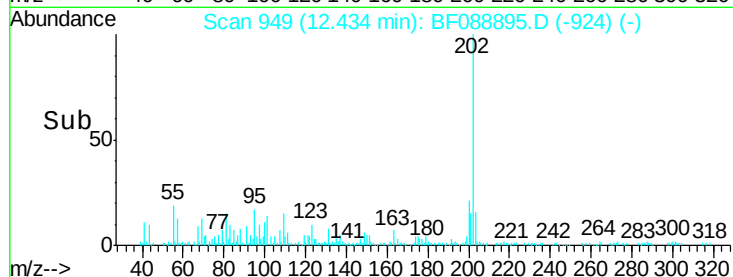
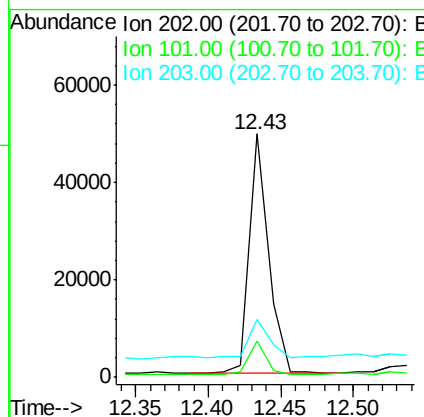
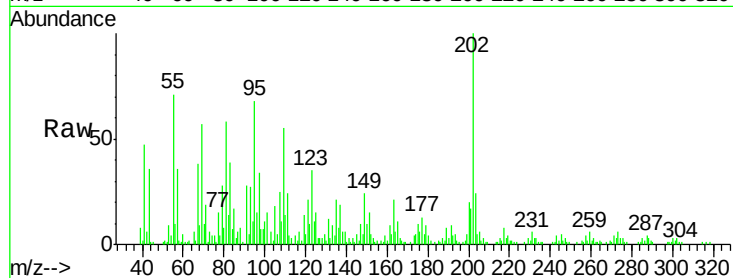
SS-10

Tot Ion:	202	Resp:	44851
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.1
203	24.1	0.0	38.1

Manual Integrations

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#75

Chrysene-d12

Concen: 20.00 ng

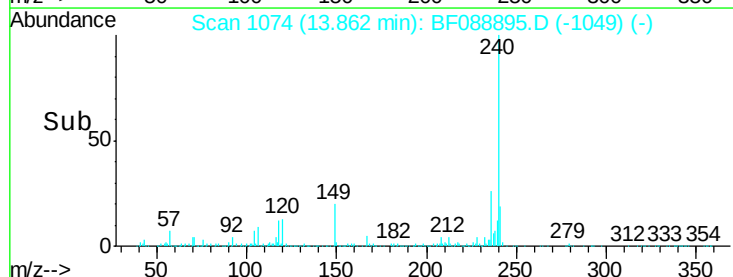
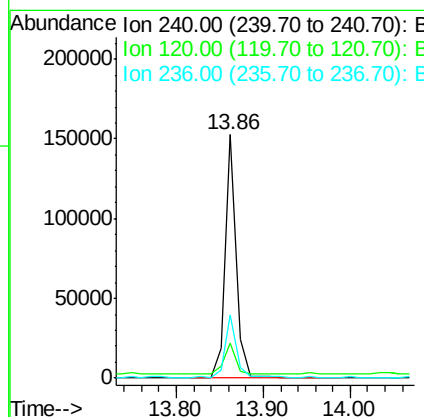
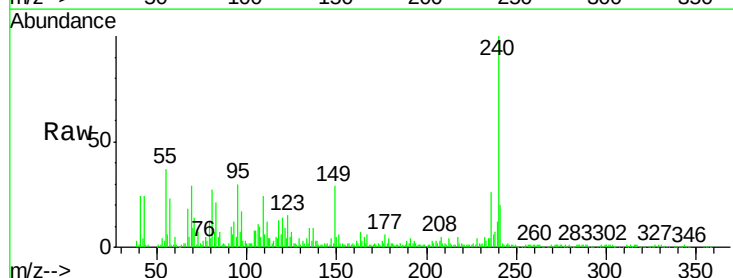
RT: 13.86 min Scan# 1074

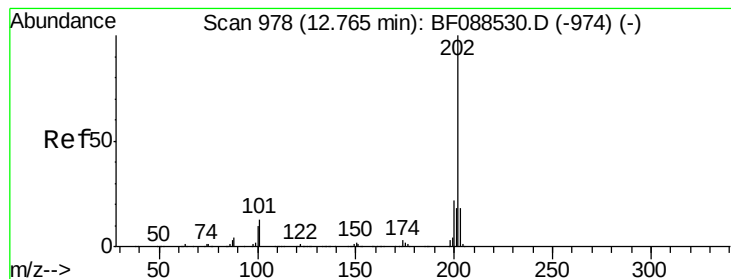
Delta R.T. -0.01 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Tgt Ion:	240	Resp:	139057
Ion Ratio	Lower	Upper	
240	100		
120	14.5	6.8	10.2#
236	26.0	20.2	30.2





#77

Pvrene

Concen: 3.40 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Instrument :

BNA_F

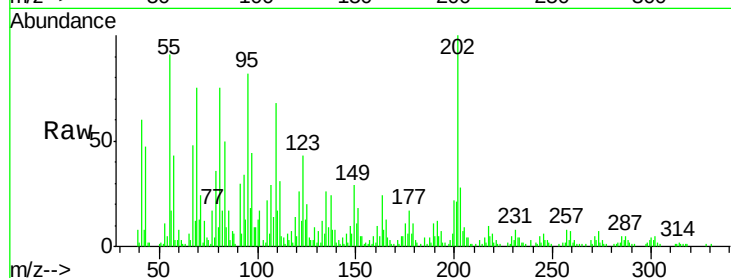
ClientSampleId :

SS-10

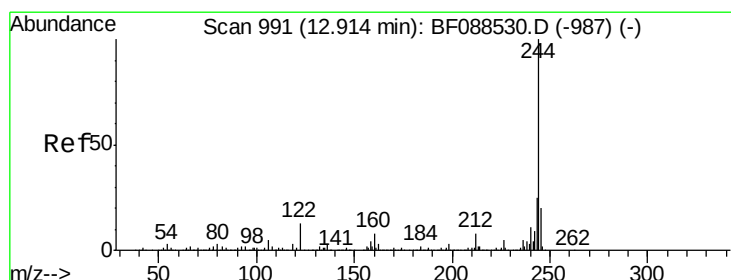
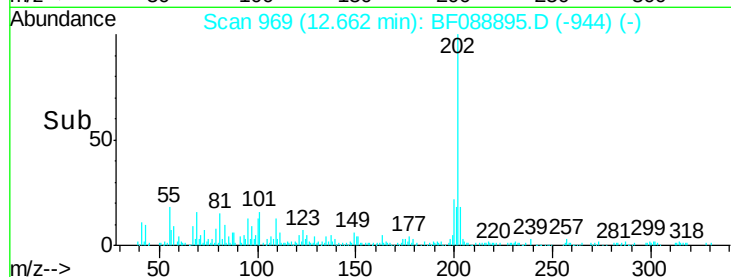
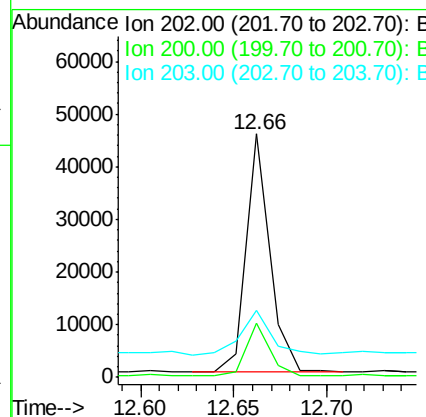
Manual Integrations

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		40098		
200	22.2	17.4	26.2		
203	27.7	14.5	21.7#		



#78

Terphenyl-d14

Concen: 16.39 ng

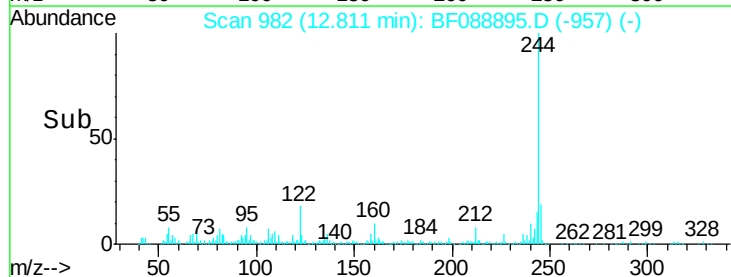
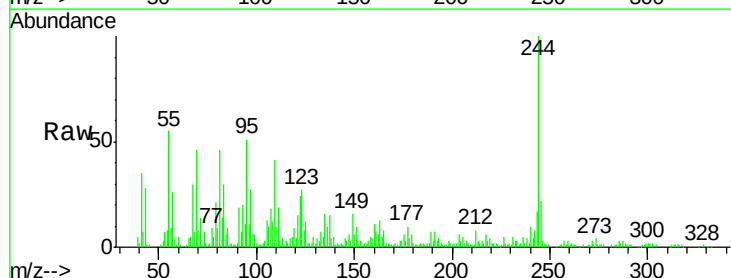
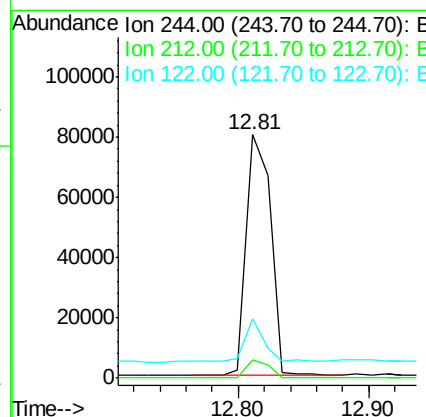
RT: 12.81 min Scan# 982

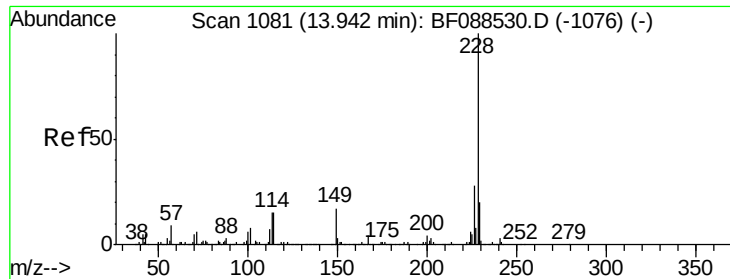
Delta R.T. -0.01 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		102328		
212	7.8	6.0	9.0		
122	24.2	11.2	16.8#		





#80

Benzo(a)anthracene

Concen: 2.19 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Instrument :

BNA_F

ClientSampled :

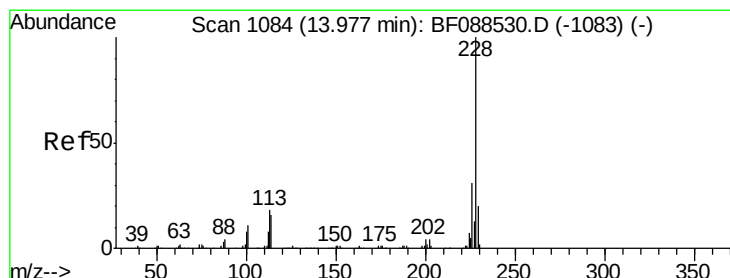
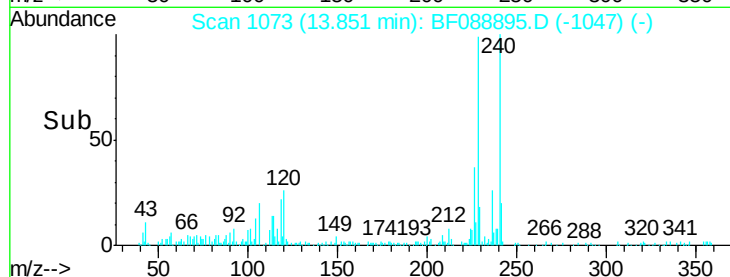
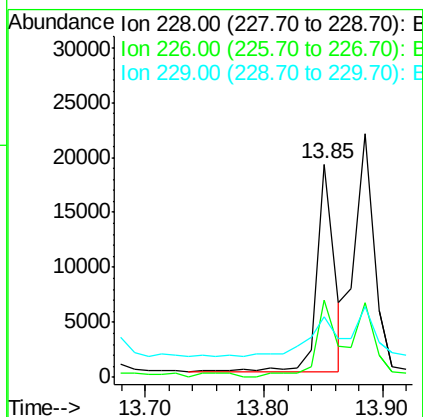
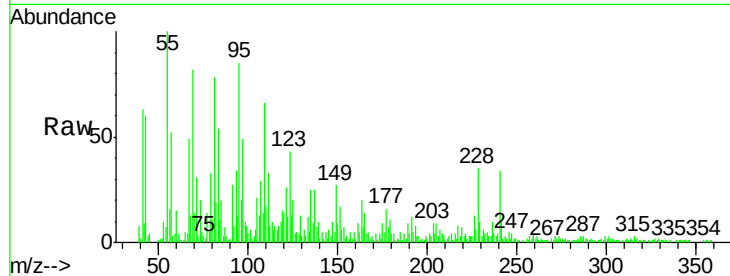
SS-10

Tot Ion:	228	Resp:	19601
Ion Ratio	Lower	Upper	
228	100		
226	36.3	22.3	33.5#
229	28.3	16.0	24.0#

Manual Integrations

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#82

Chrysene

Concen: 2.81 ng m

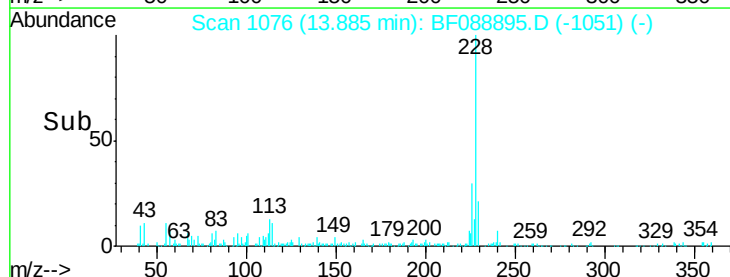
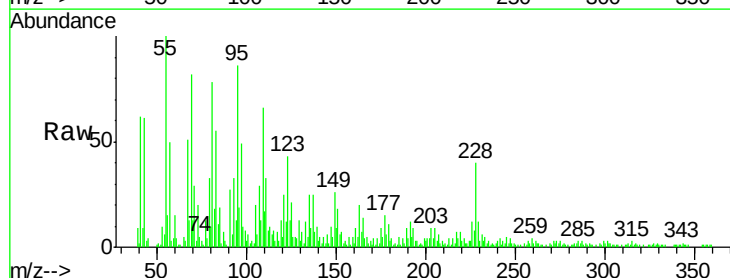
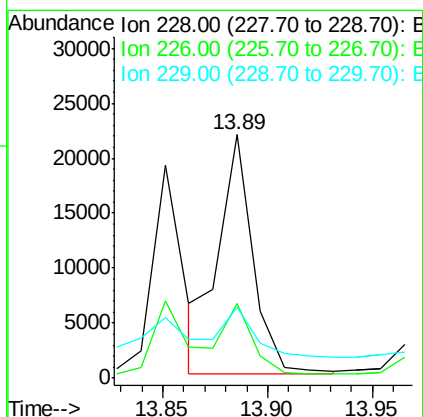
RT: 13.89 min Scan# 1076

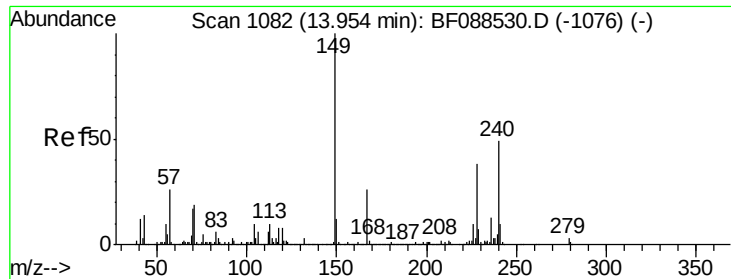
Delta R.T. -0.01 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Tgt Ion:	228	Resp:	24908
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.4	38.2
229	29.3	16.3	24.5#





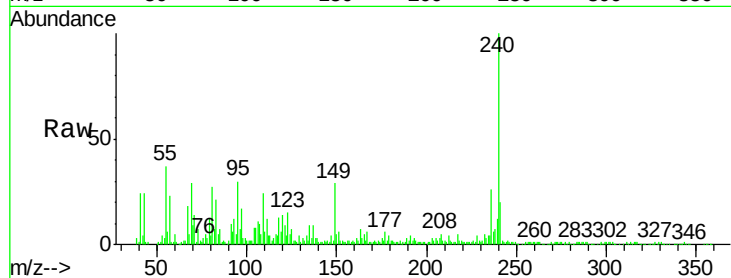
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.80 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Instrument :
BNA_F
ClientSampleId :
SS-10

Tot Ion	Ratio	Lower	Upper
149	100		
167	21.7	20.5	30.7
279	2.8	2.0	3.0

Manual Integrations

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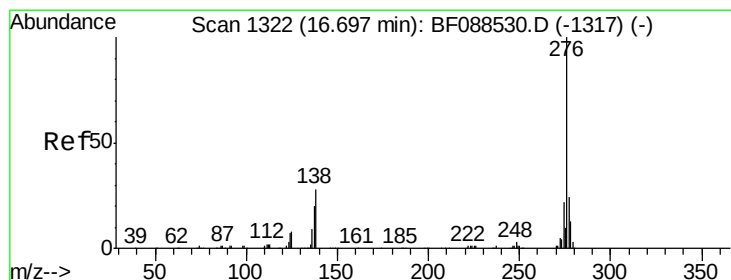
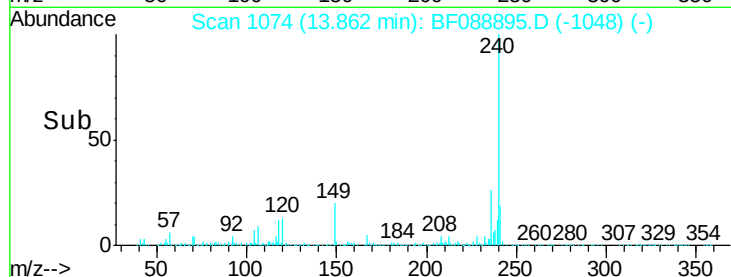
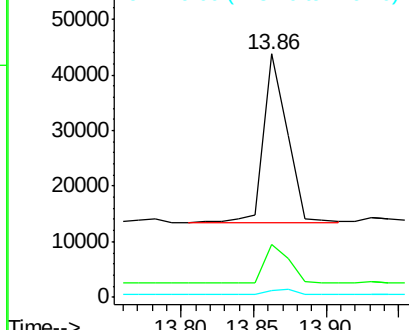


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
Indeno(1,2,3-cd)pyrene
Concen: 5.36 ng
RT: 16.54 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

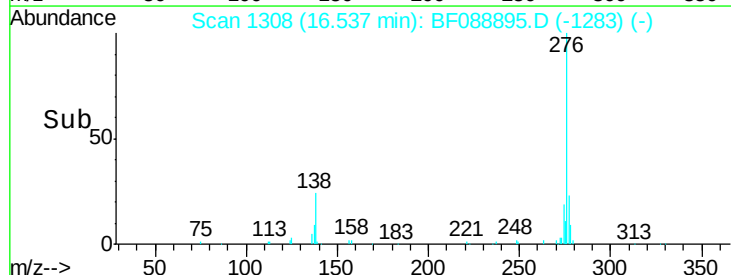
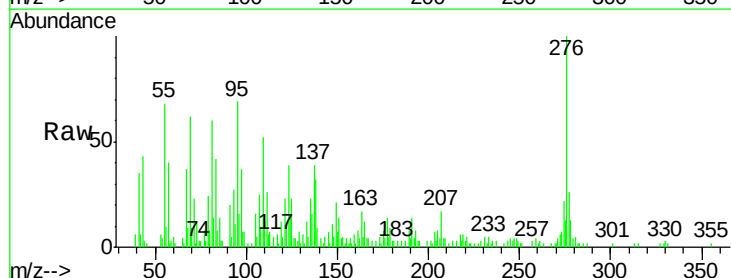
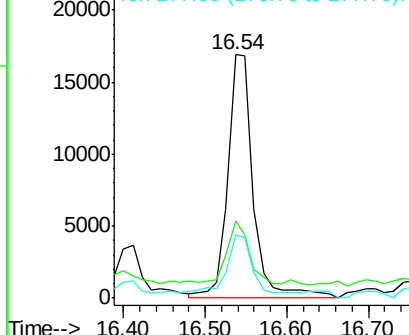
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	0.0	0.0#
277	23.5	0.0	0.0#

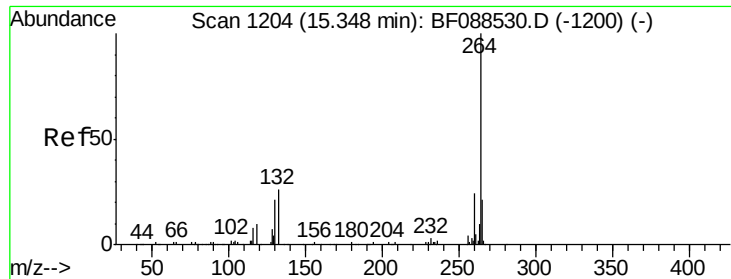
Abundance

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





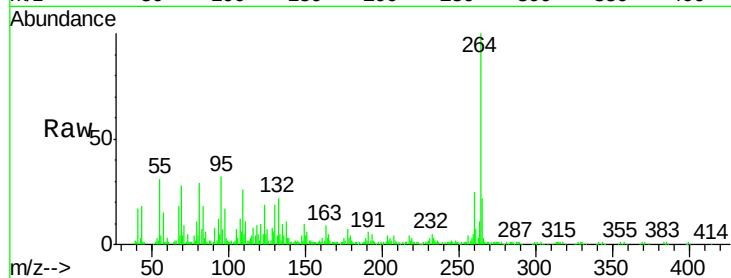
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Instrument :
BNA_F
ClientSampled :
SS-10

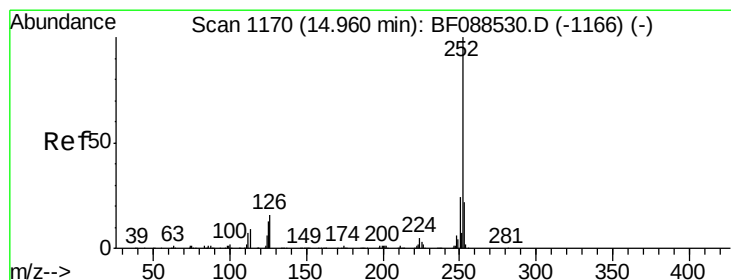
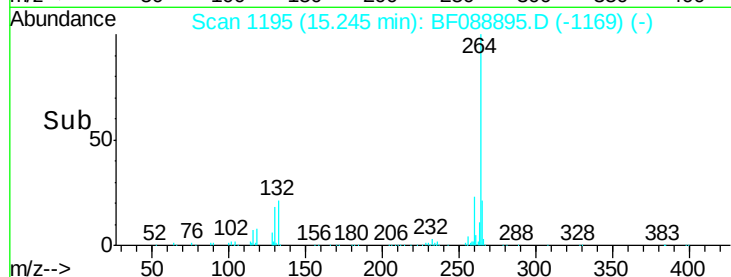
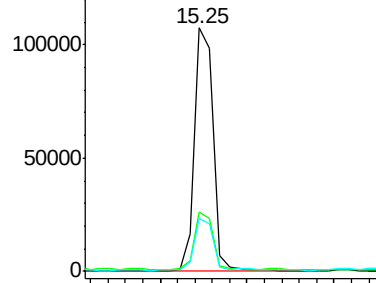
Tot Ion:	264	Resp:	159620
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.9	16.9	25.3

Manual Integrations

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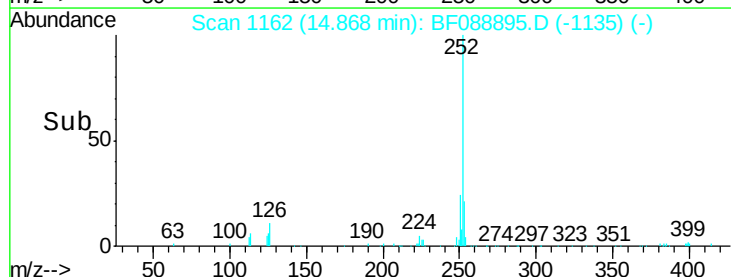
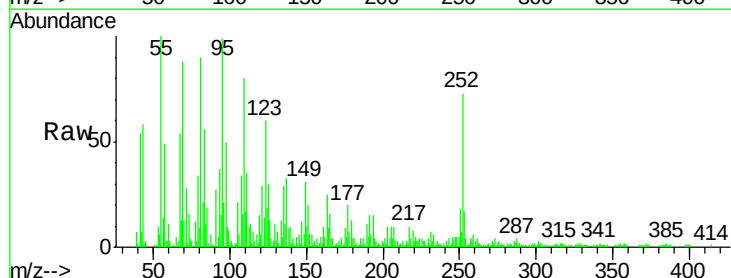
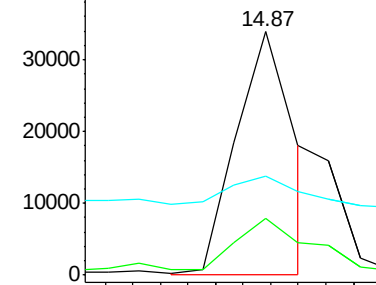
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

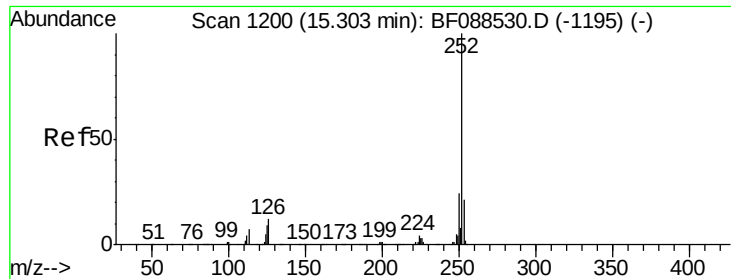


#87
Benzo(b)fluoranthene
Concen: 4.88 ng m
RT: 14.87 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF088895.D
Acq: 10 Jul 2016 3:21

Tgt Ion:	252	Resp:	48825
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	40.6	7.1	10.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.90 ng

RT: 15.19 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Instrument :

BNA_F

ClientSampled :

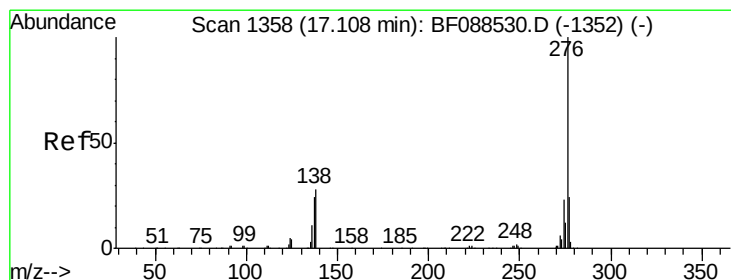
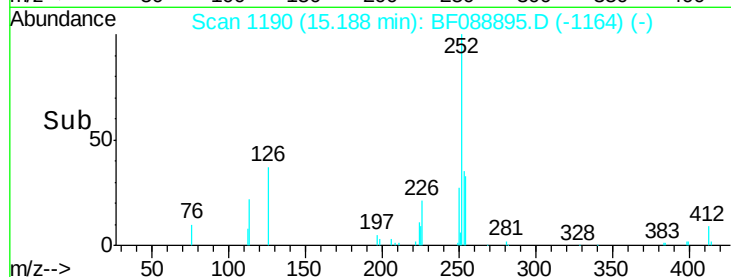
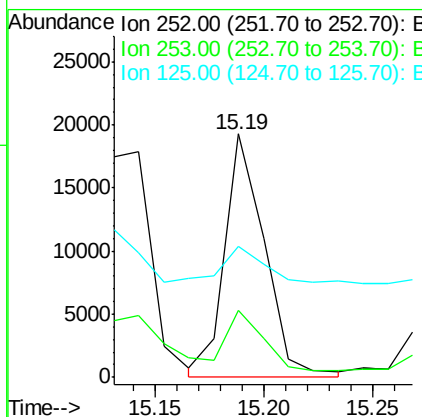
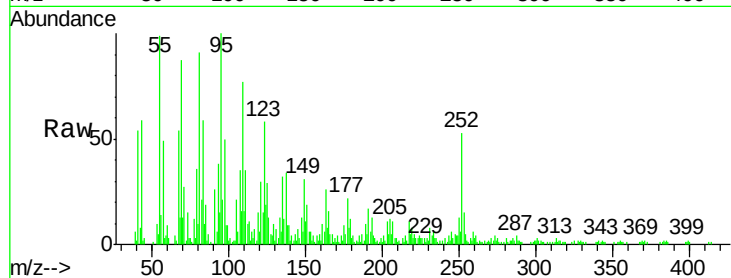
SS-10

Tot Ion:	252	Resp:	24583
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.9	26.9#
125	53.7	12.5	18.7#

Manual Integrations

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#91

Benzo(g,h,i)perylene

Concen: 4.87 ng

RT: 16.93 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF088895.D

Acq: 10 Jul 2016 3:21

Tgt Ion:	276	Resp:	35656
Ion Ratio	Lower	Upper	
276	100		
277	25.5	18.9	28.3
138	30.3	21.4	32.2

