

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096683.D
 Acq On : 12 Jul 2017 10:15
 Operator : SJ/JU
 Sample : I4069-05RE 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6.5-7.0)RE

Manual Integrations
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Quant Time: Jul 12 15:13:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104449	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	327794	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	119922	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	238621	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	255853	20.00	ng	-0.02
86) Perylene-d12	15.23	264	146818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	306369	43.29	ng	-0.02
7) Phenol-d6	6.32	99	336974	38.73	ng	-0.02
23) Nitrobenzene-d5	7.25	82	165450	30.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	50724	54.15	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	276721	39.45	ng	-0.02
78) Terphenyl-d14	12.78	244	264626	22.10	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.43	163	31677	3.538	ng	Qvalue # 98
70) Phenanthrene	11.22	178	84568	6.556	ng	96
74) Fluoranthene	12.40	202	156372	12.364	ng	97
77) Pyrene	12.63	202	153615	7.480	ng	99
80) Benzo(a)anthracene	13.82	228	79170	5.344	ng	94
82) Chrysene	13.85	228	66658	4.296	ng	96
87) Benzo(b)fluoranthene	14.83	252	66983m	7.281	ng	
88) Benzo(k)fluoranthene	14.86	252	24120m	2.931	ng	
89) Benzo(a)pyrene	15.17	252	41008	4.993	ng	# 81
91) Benzo(g,h,i)perylene	16.98	276	20470	3.057	ng	93

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

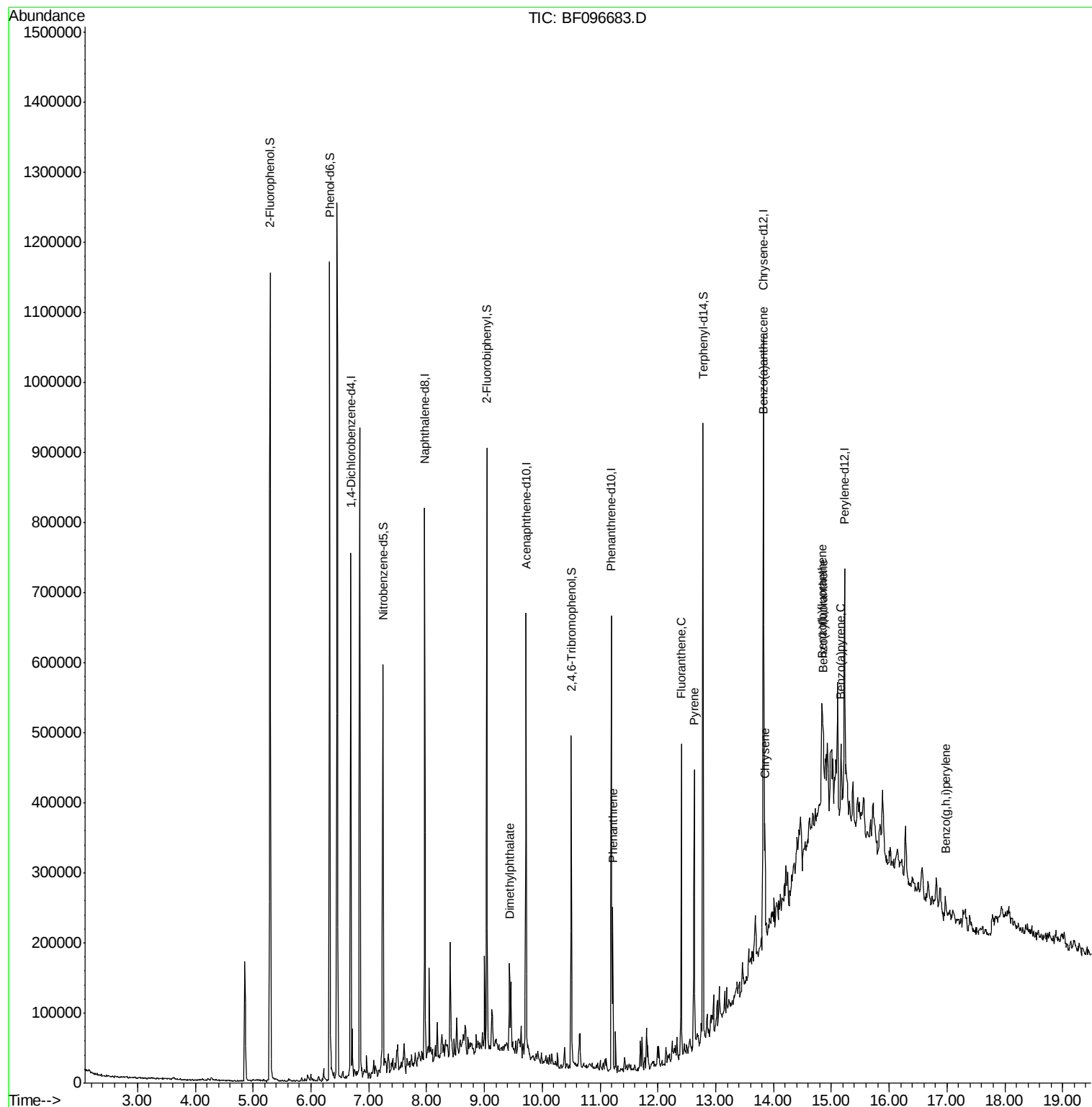
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
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SB-3(6.5-7.0)RE

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Quant Time: Jul 12 15:13:01 2017
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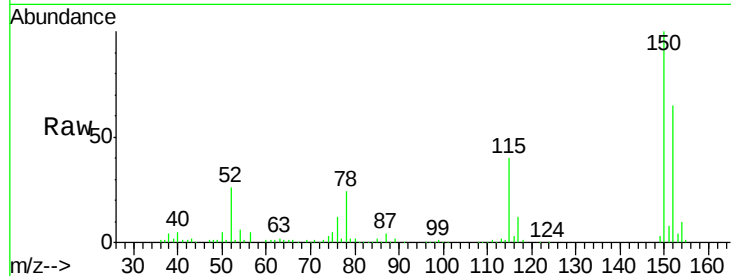
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096683.D
 Acq: 12 Jul 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	61.9	52.2	78.2

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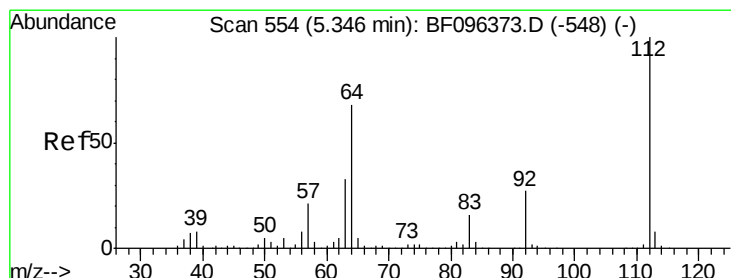
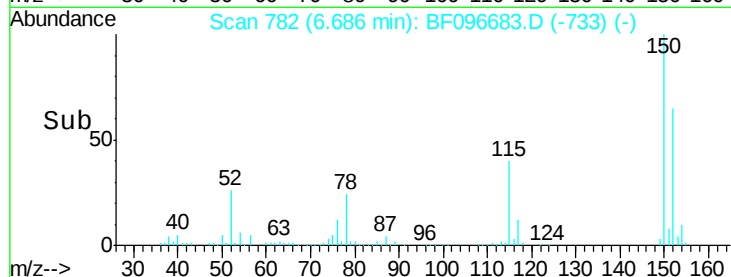
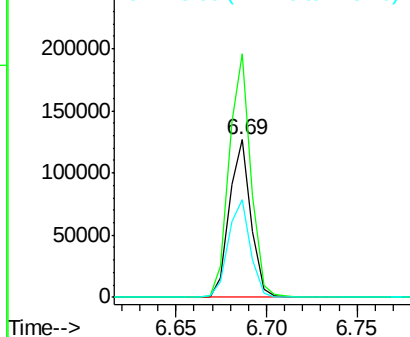


Abundance

Ion 152.00 (151.70 to 152.70): E

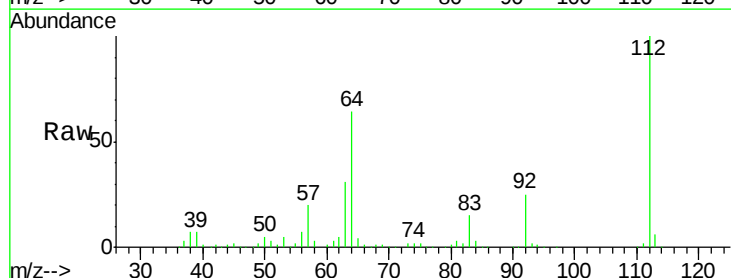
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 43.293 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF096683.D
 Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	31.0	23.4	35.0

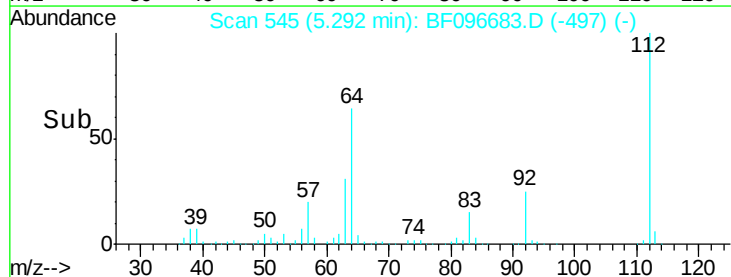
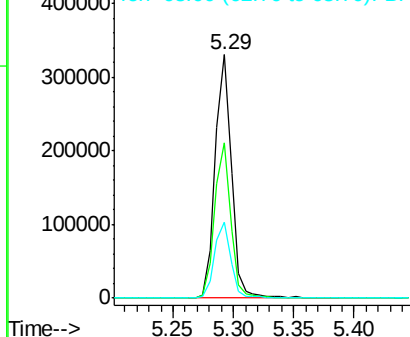


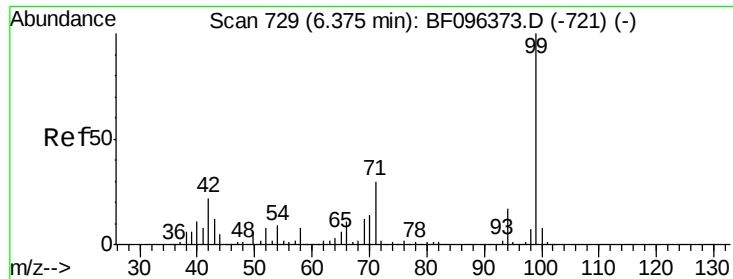
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.734 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096683.D

Acq: 12 Jul 2017 10:15

Instrument :

BNA_F

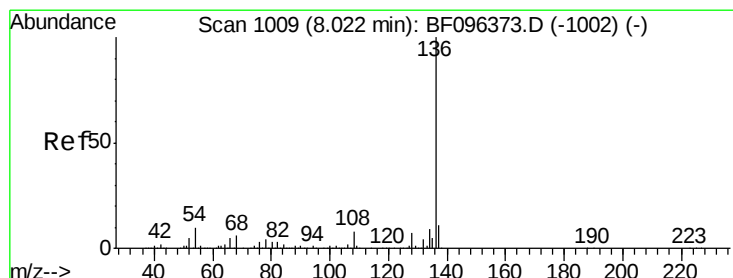
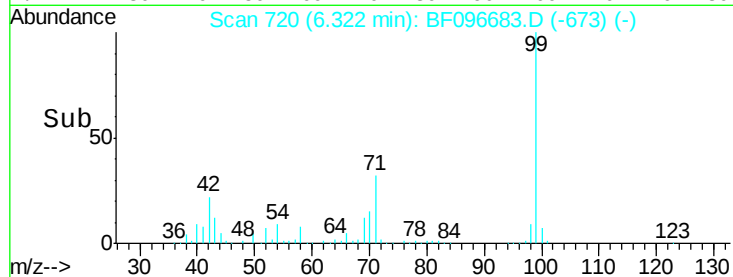
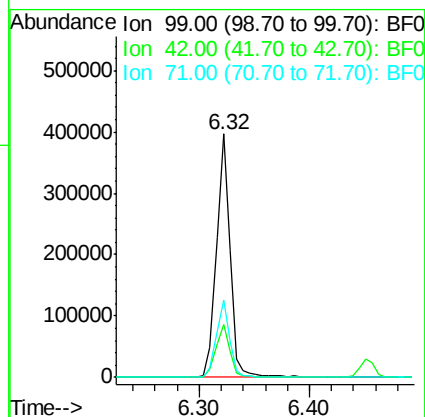
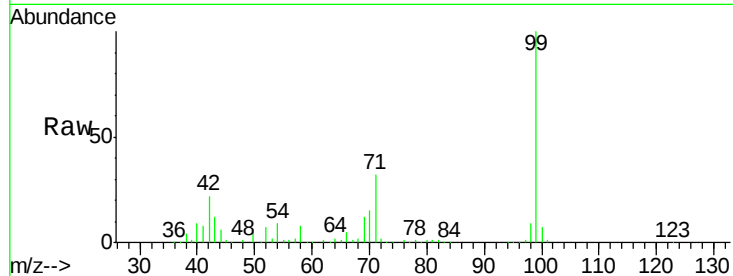
ClientSampleId :

SB-3(6.5-7.0)RE

Tgt Ion:	99	Resp:	336974
Ion Ratio	Lower	Upper	
99	100		
42	22.0	13.5	20.3#
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

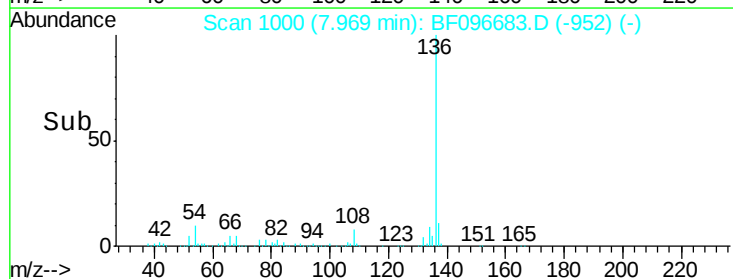
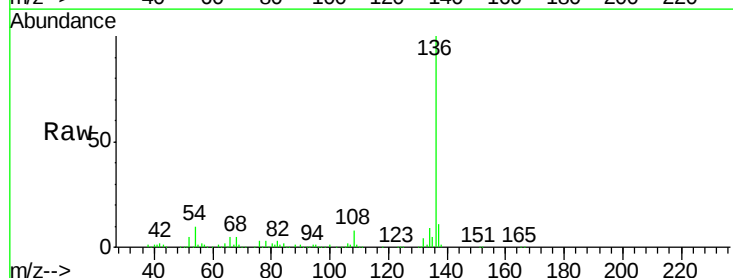
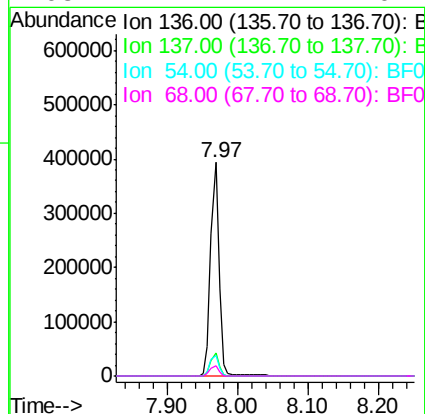
RT: 7.97 min Scan# 1000

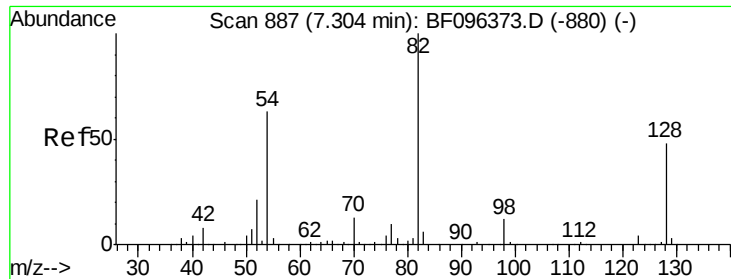
Delta R.T. -0.02 min

Lab File: BF096683.D

Acq: 12 Jul 2017 10:15

Tgt Ion:	136	Resp:	327794
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	4.7	4.1	6.1





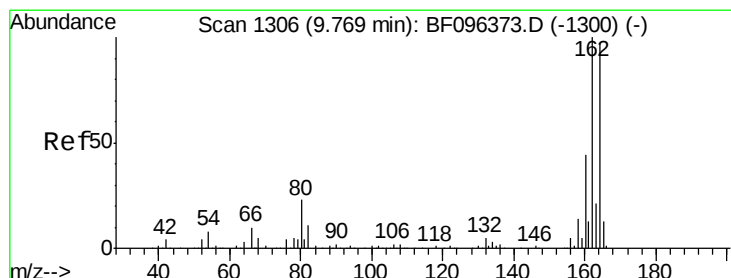
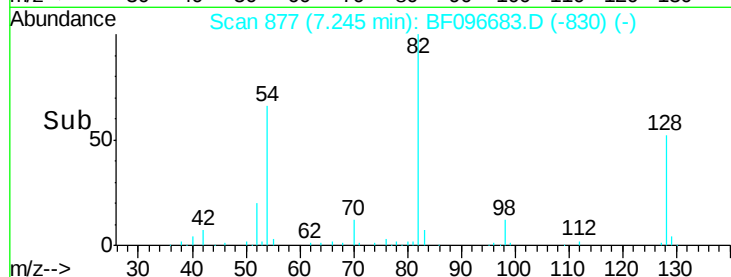
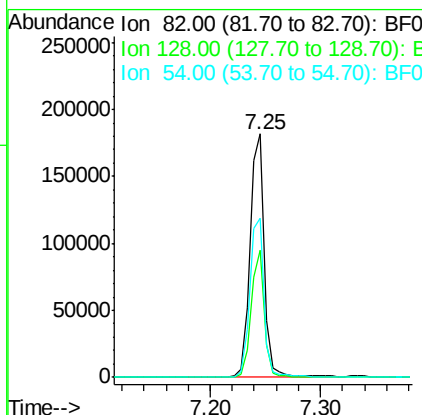
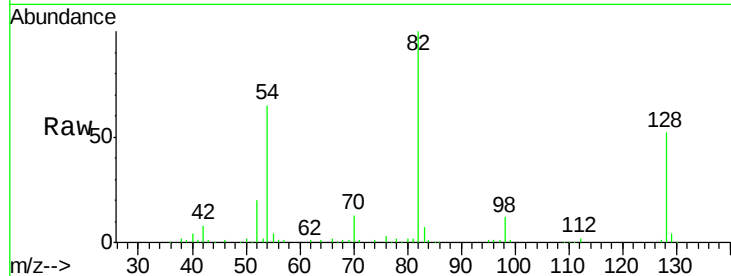
#23
Nitrobenzene-d5
Concen: 30.330 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.1	34.0	51.0#
54	65.5	42.2	63.2#

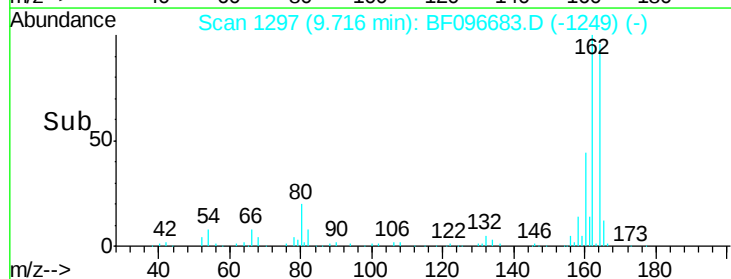
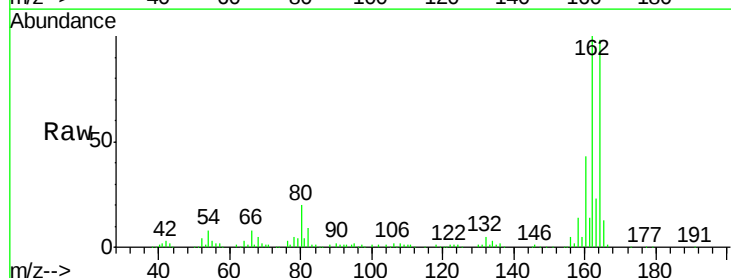
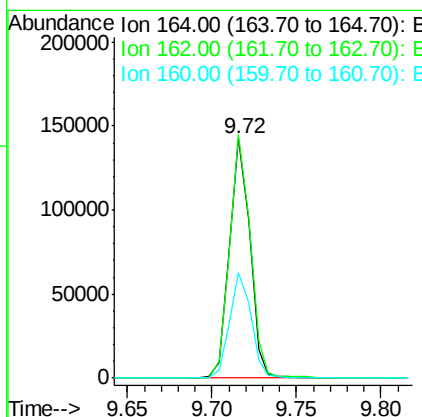
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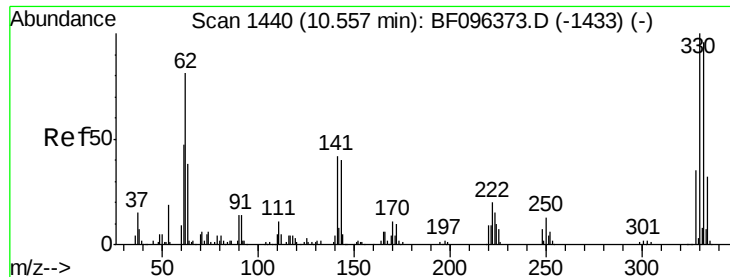
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.2	36.2	54.2





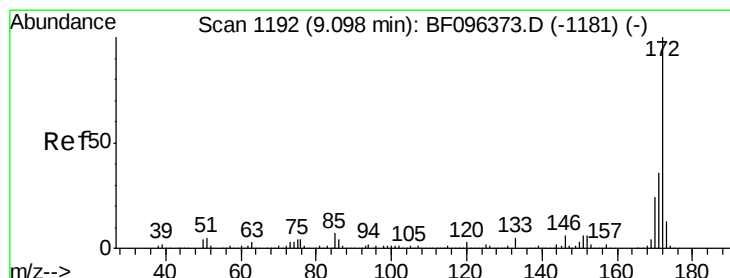
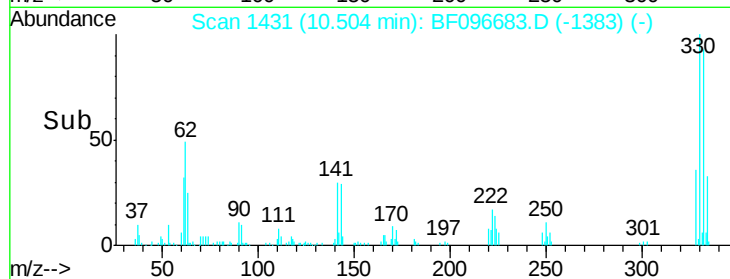
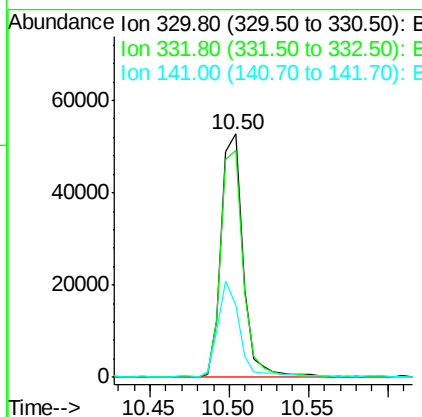
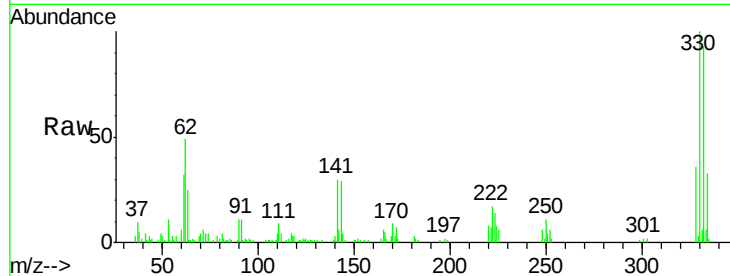
#41
 2,4,6-Tribromophenol
 Concen: 54.150 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096683.D
 Acq: 12 Jul 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	41.0	31.4	47.2

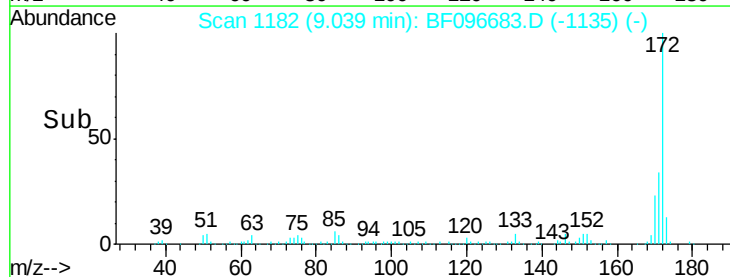
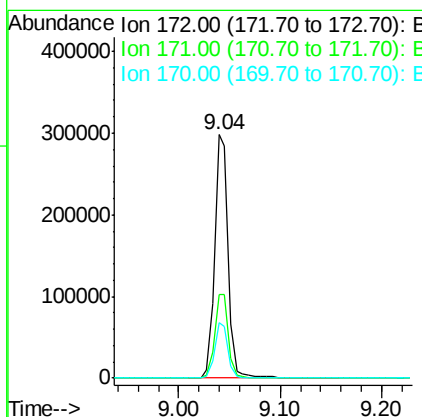
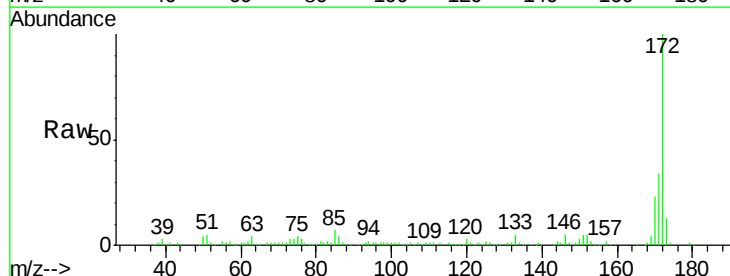
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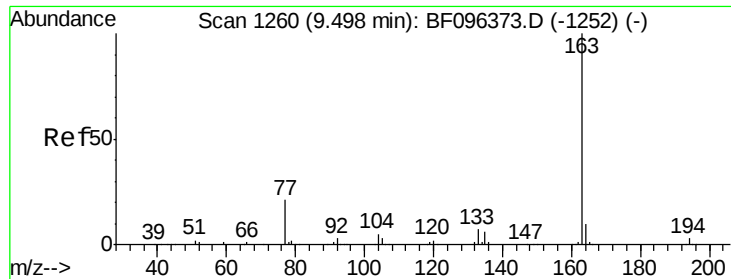
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#44
 2-Fluorobiphenyl
 Concen: 39.453 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096683.D
 Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	22.6	19.8	29.8





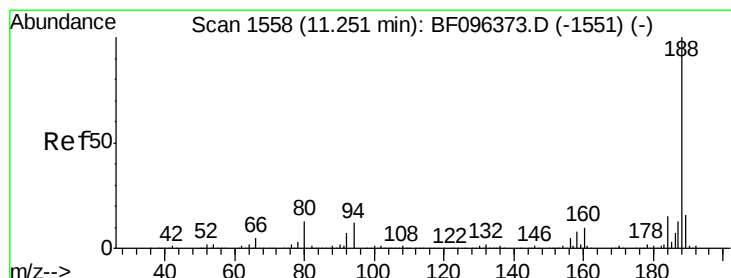
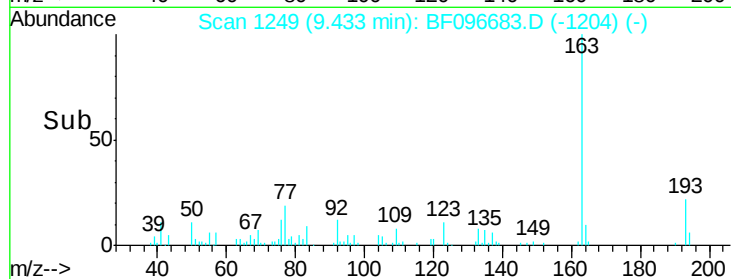
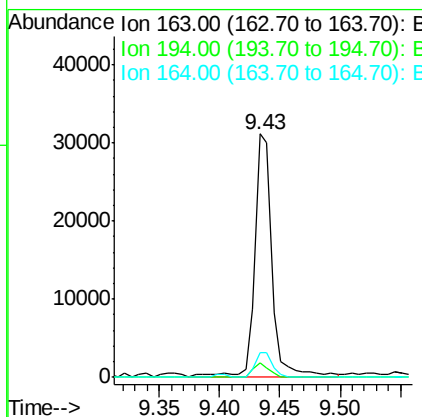
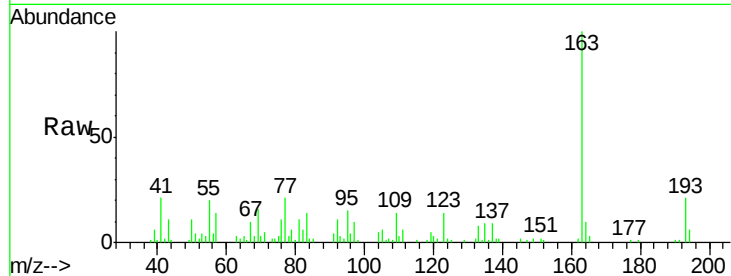
#49
Dimethylphthalate
Concen: 3.538 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.2	2.6	4.0#
164	10.4	8.4	12.6

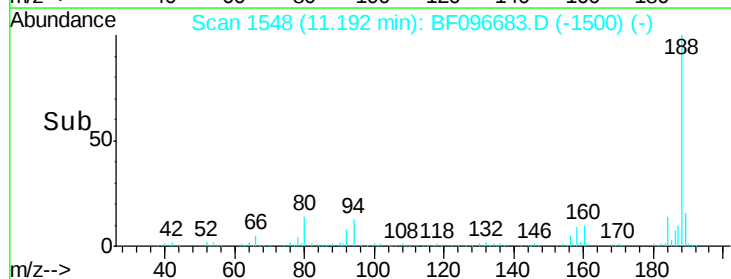
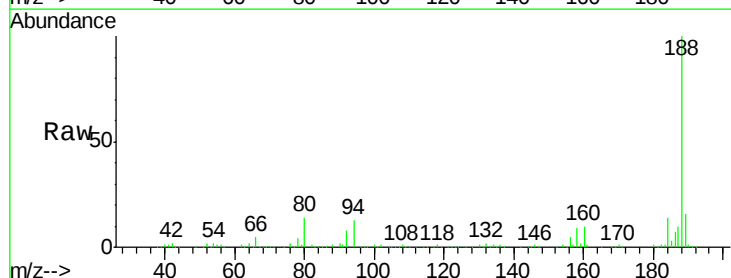
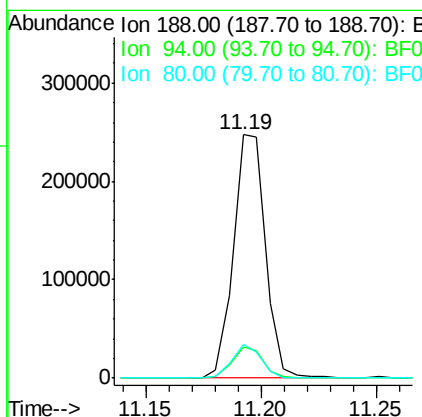
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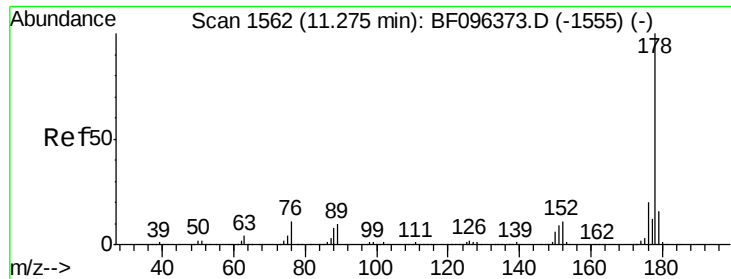
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	13.6	10.2	15.2





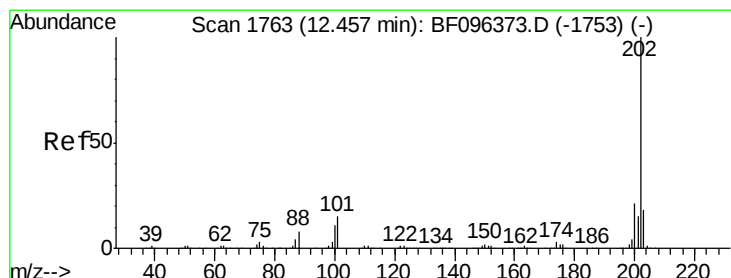
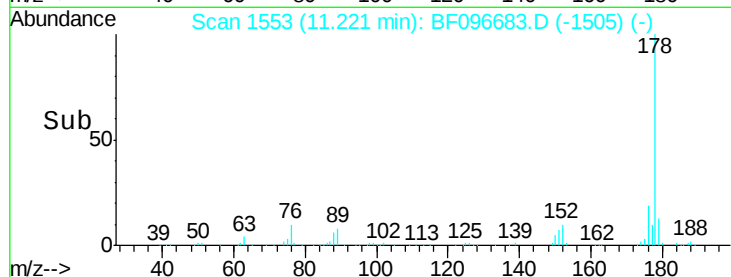
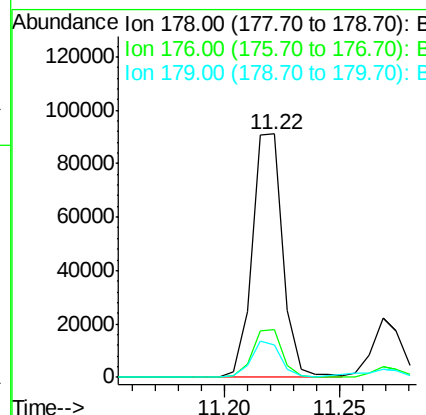
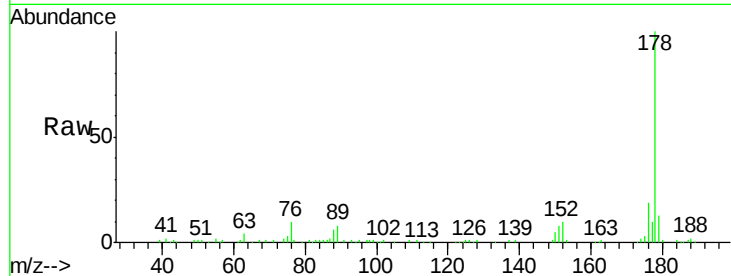
#70
Phenanthrene
Concen: 6.556 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	13.1	12.6	19.0

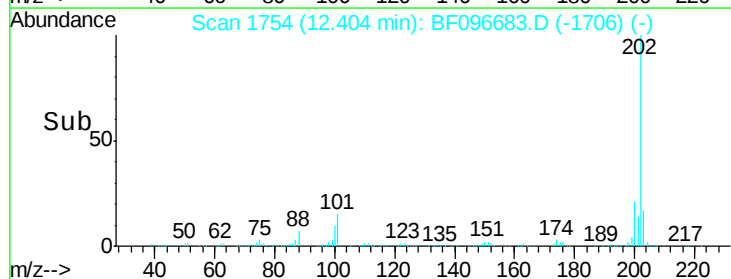
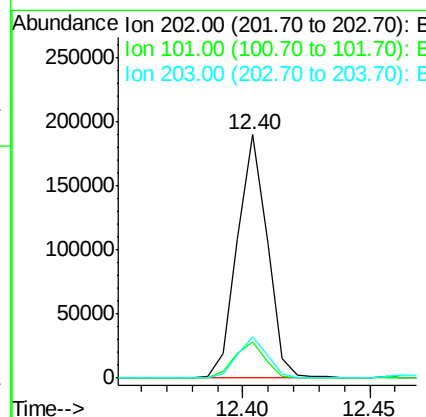
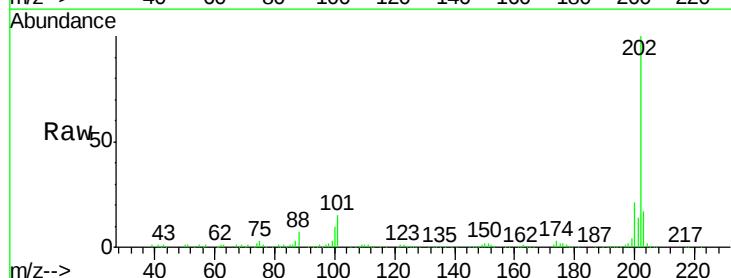
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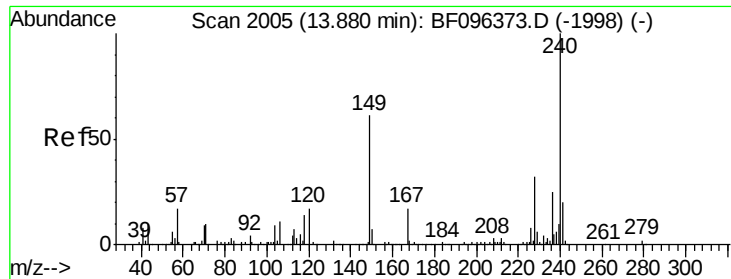
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#74
Fluoranthene
Concen: 12.364 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096683.D

Acq: 12 Jul 2017 10:15

Instrument :

BNA_F

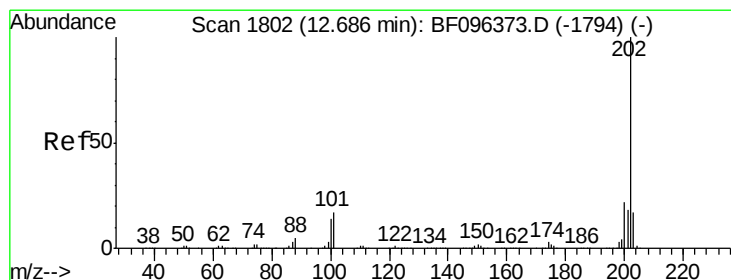
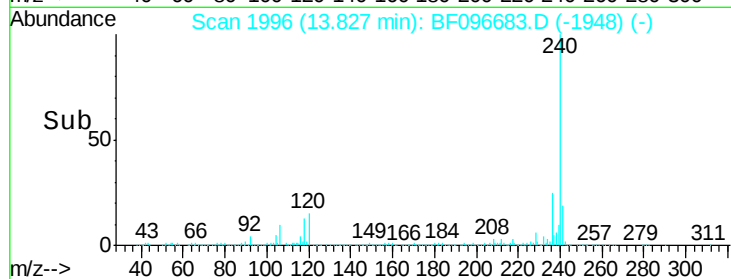
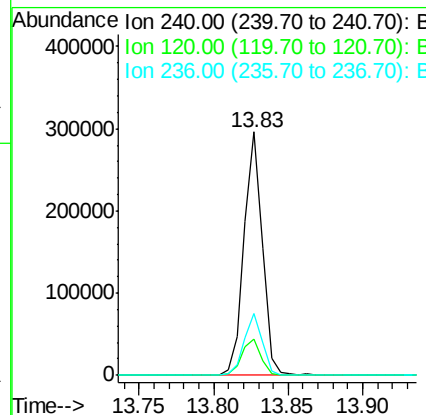
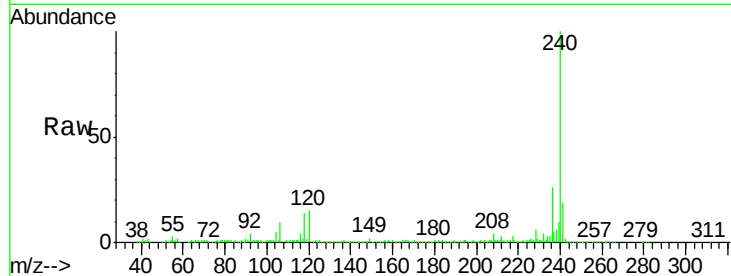
ClientSampleId :

SB-3(6.5-7.0)RE

Tgt Ion:	240	Resp:	255853
Ion Ratio	Lower	Upper	
240	100		
120	14.8	5.8	8.8#
236	25.6	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 7.480 ng

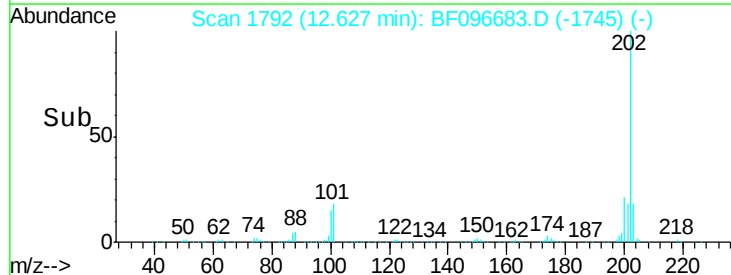
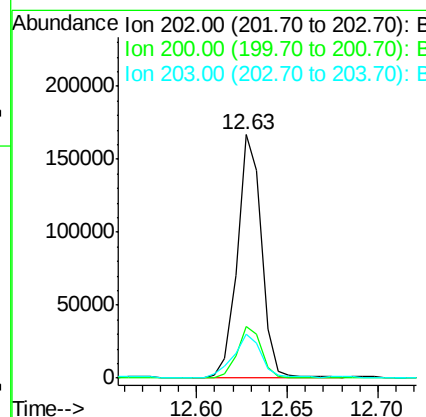
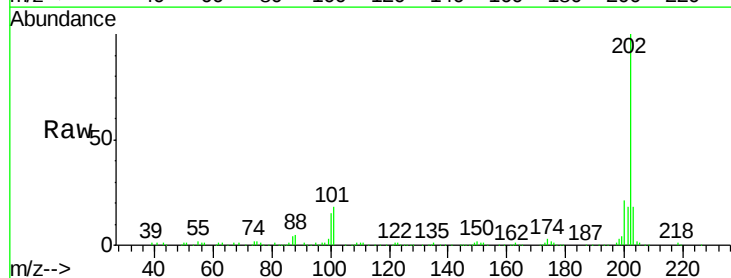
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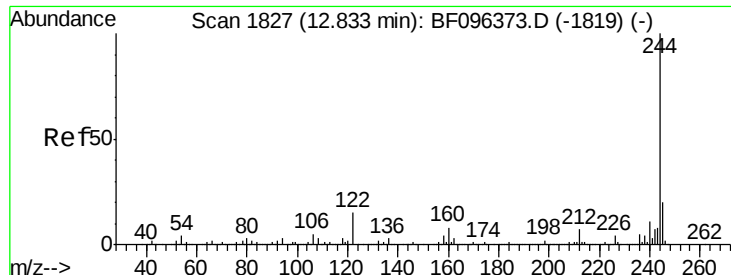
Delta R.T. -0.02 min

Lab File: BF096683.D

Acq: 12 Jul 2017 10:15

Tgt Ion:	202	Resp:	153615
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6





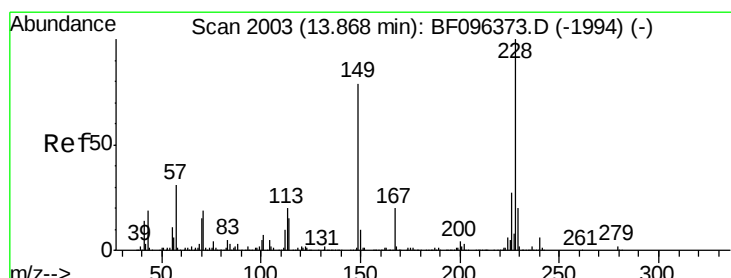
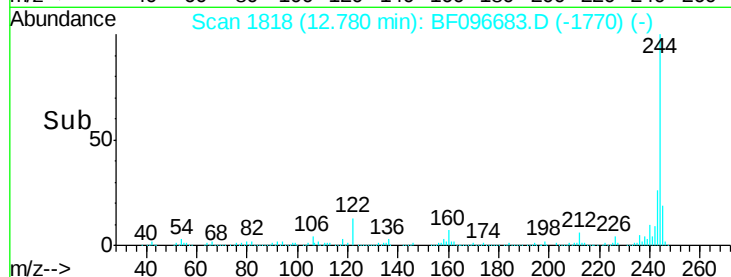
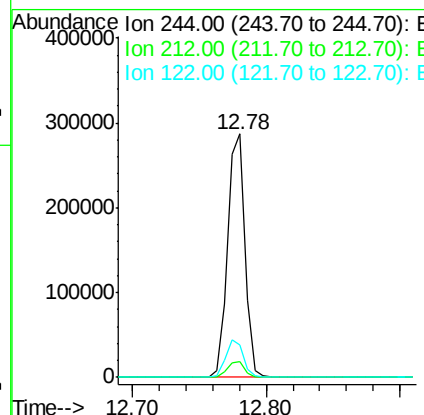
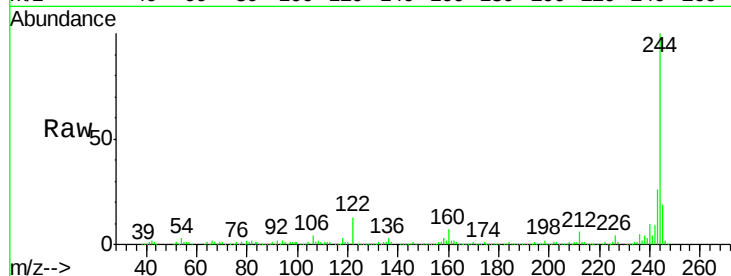
#78
 Terphenyl-d14
 Concen: 22.101 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096683.D
 Acq: 12 Jul 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	264626		
212	6.3	6.0	9.0	
122	13.3	10.3	15.5	

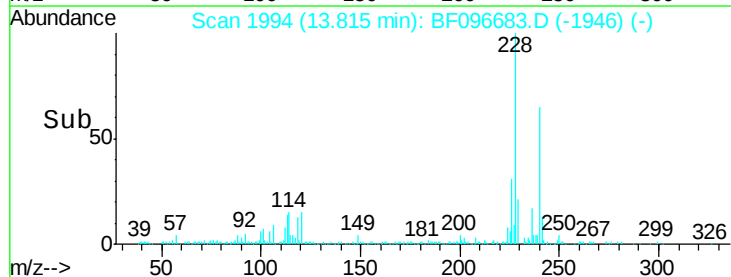
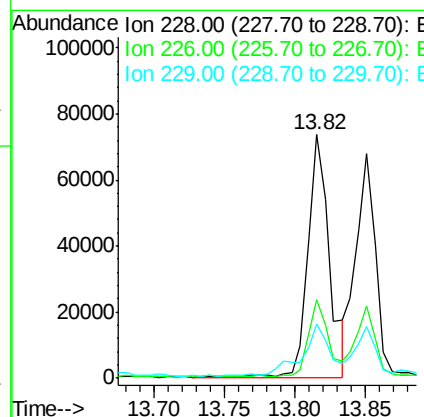
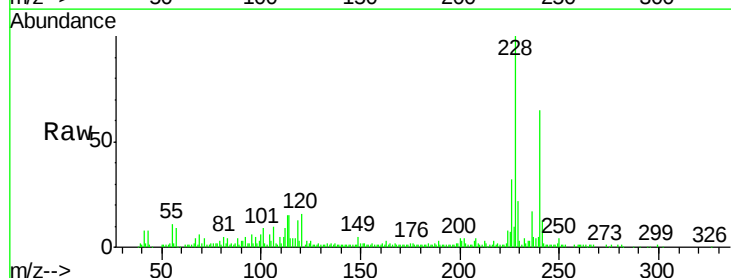
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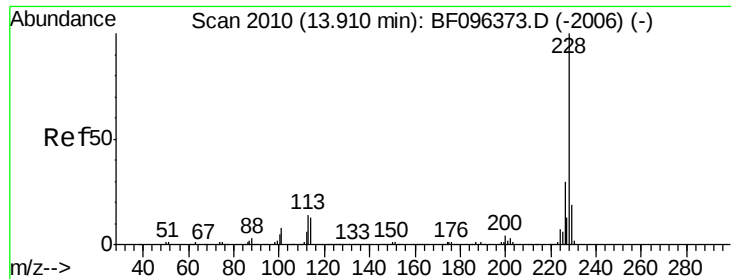
mohammad
 7/12/2017 4:58:35 PM



#80
 Benzo(a)anthracene
 Concen: 5.344 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096683.D
 Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	79170		
226	32.3	22.6	33.8	
229	22.1	16.3	24.5	





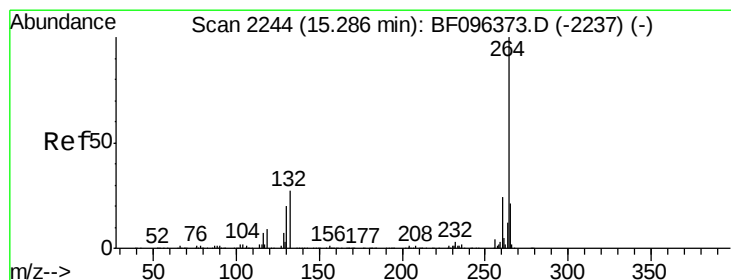
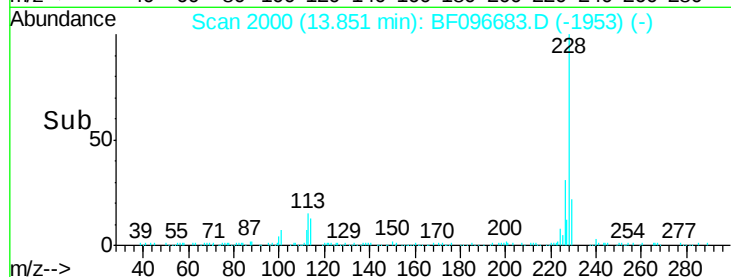
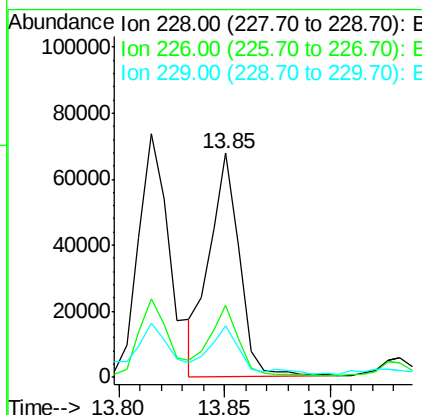
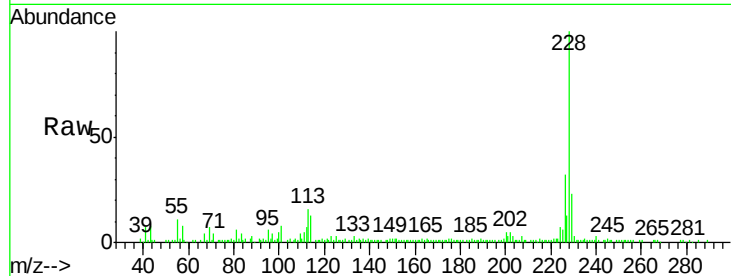
#82
Chrysene
Concen: 4.296 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	23.0	15.8	23.6

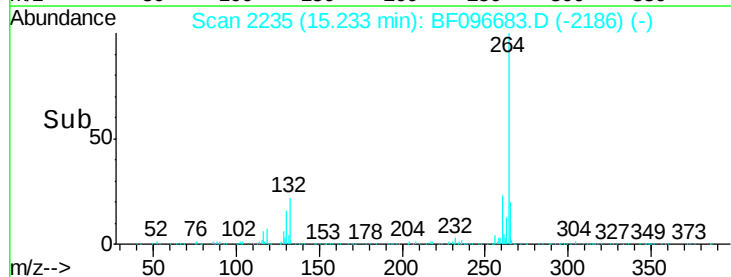
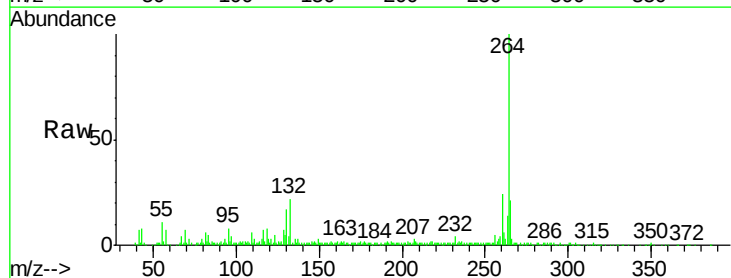
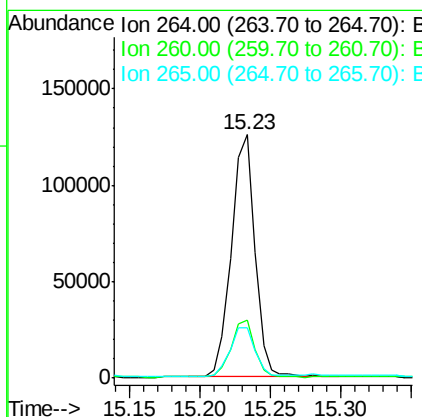
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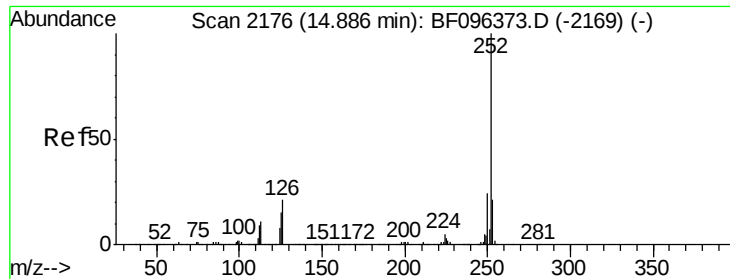
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8





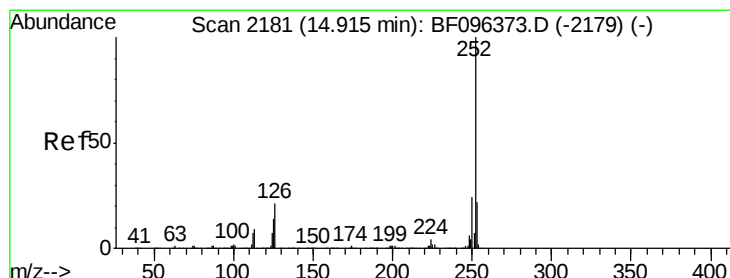
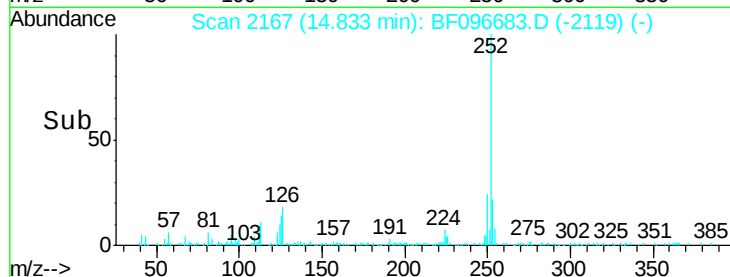
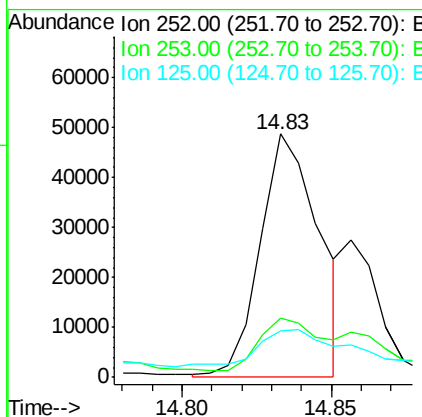
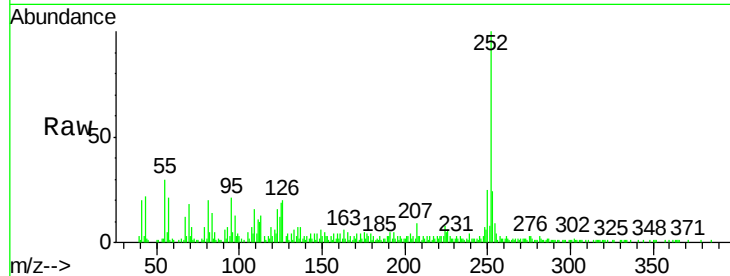
#87
Benzo(b)fluoranthene
Concen: 7.281 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	19.1	9.8	14.8#

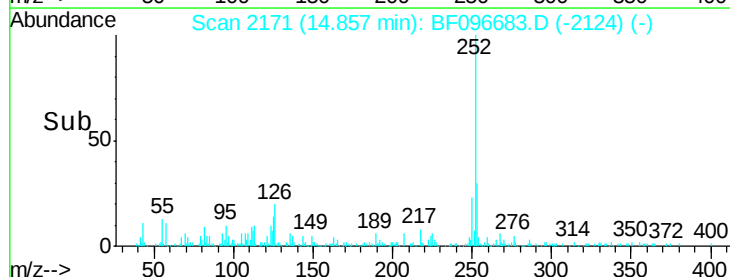
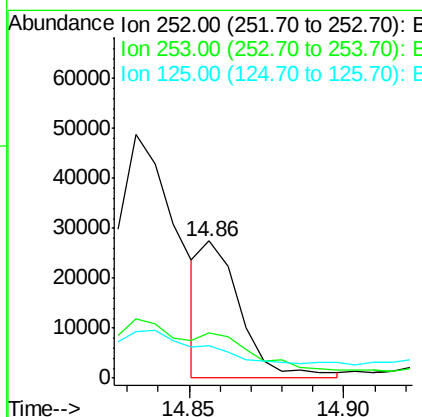
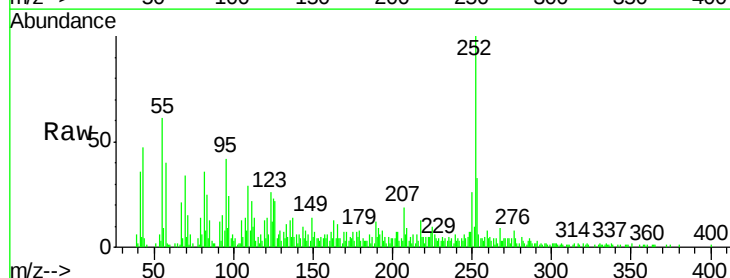
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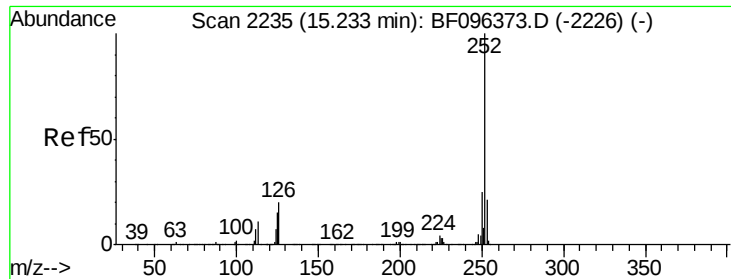
mohammad
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#88
Benzo(k)fluoranthene
Concen: 2.931 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.4	27.6#
125	23.4	13.1	19.7#





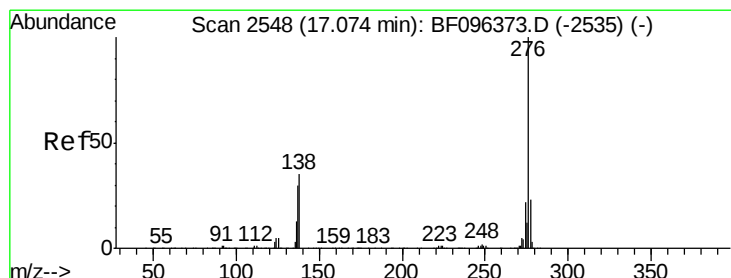
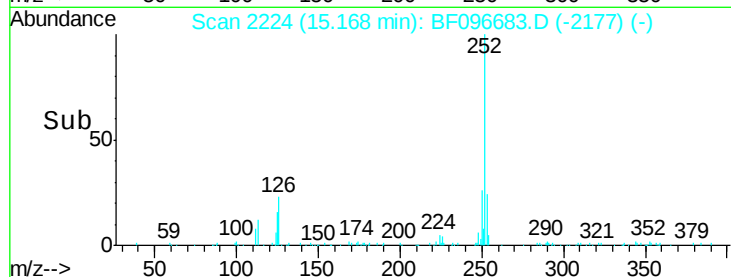
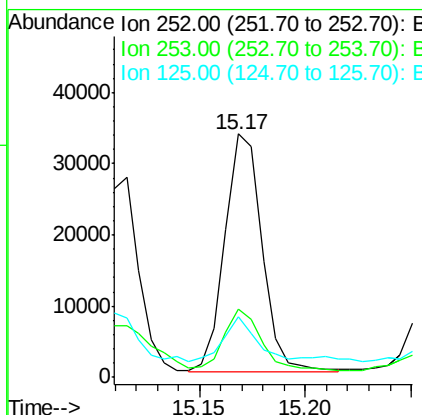
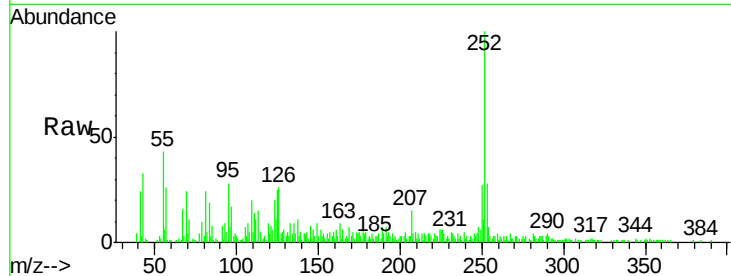
#89
Benzo(a)pyrene
Concen: 4.993 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
SB-3(6.5-7.0)RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.5	26.3#
125	24.7	11.0	16.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.057 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	35.9	25.4	38.0

