

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101096.D
 Acq On : 4 Dec 2017 14:29
 Operator : SJ/JU
 Sample : I6699-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874

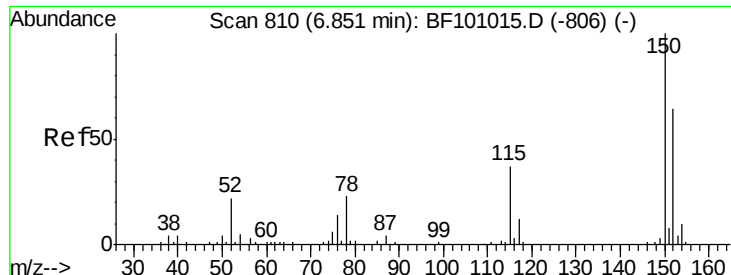
Manual Integrations
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Quant Time: Dec 04 16:13:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49803	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	197811	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89880	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	151193	20.00	ng	0.00
75) Chrysene-d12	14.02	240	115399	20.00	ng	0.00
86) Perylene-d12	15.50	264	112220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	249412	82.75	ng	0.00
7) Phenol-d6	6.48	99	303611	82.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	182717	55.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	75000	69.46	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	300020	45.67	ng	0.00
78) Terphenyl-d14	12.96	244	244948	46.43	ng	0.00
Target Compounds						
10) Phenol	6.49	94	8995	2.21	ng	Qvalue 99
49) Dimethylphthalate	9.60	163	46646	6.44	ng	# 97
70) Phenanthrene	11.40	178	57755	6.94	ng	100
74) Fluoranthene	12.59	202	102655	11.12	ng	96
77) Pyrene	12.82	202	86477	10.86	ng	97
80) Benzo(a)anthracene	14.01	228	43754	6.01	ng	100
82) Chrysene	14.04	228	39460	5.83	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	37878	7.57	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.97	276	19244	3.20	ng	# 90
87) Benzo(b)fluoranthene	15.06	252	53127m	7.90	ng	
88) Benzo(k)fluoranthene	15.09	252	15977m	2.41	ng	
89) Benzo(a)pyrene	15.43	252	35164	5.75	ng	95
91) Benzo(a,h,i)perylene	17.42	276	17043	3.36	ng	93

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



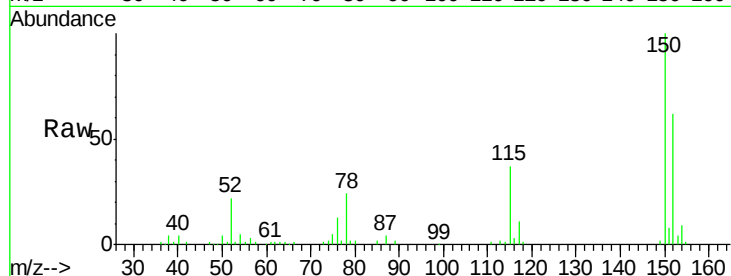
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101096.D
 Acq: 4 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampled :
 RT-3874

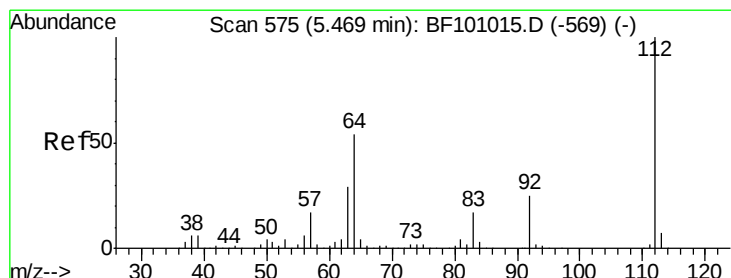
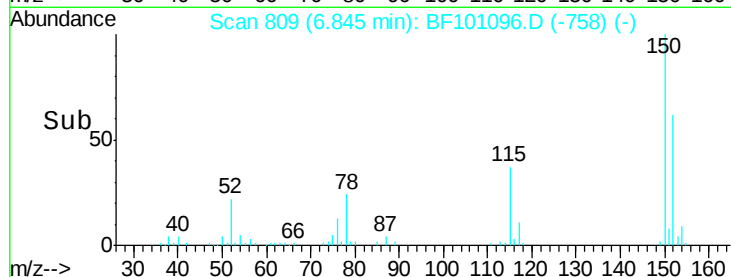
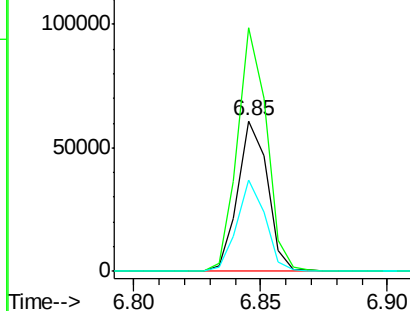
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.6	186.8
115	60.7	50.1	75.1

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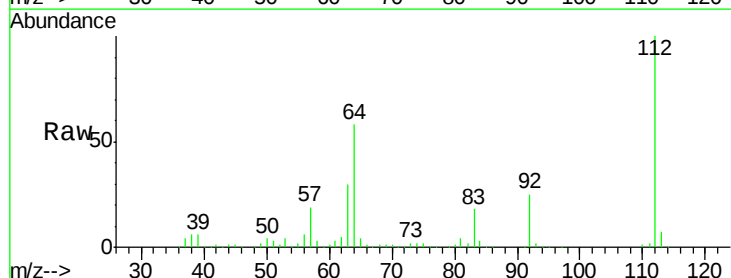


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

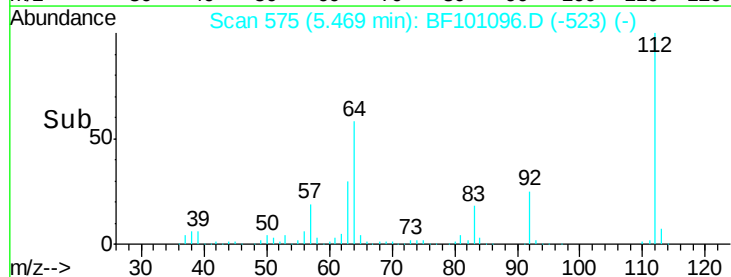
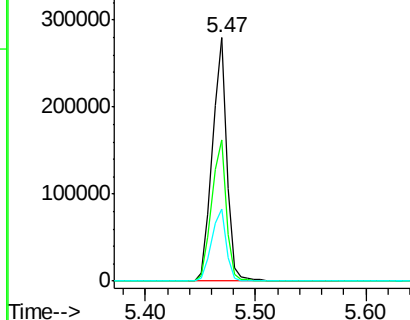


#5
 2-Fluorophenol
 Concen: 82.75 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101096.D
 Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.97 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101096.D

Acq: 4 Dec 2017 14:29

Instrument :

BNA_F

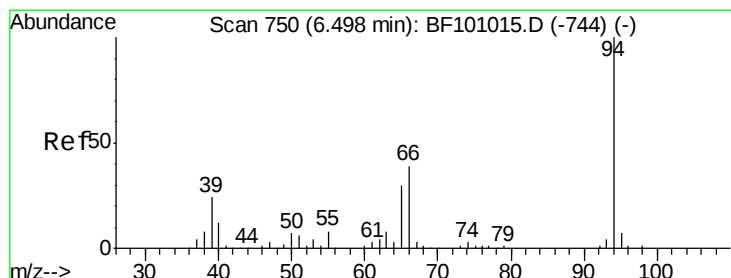
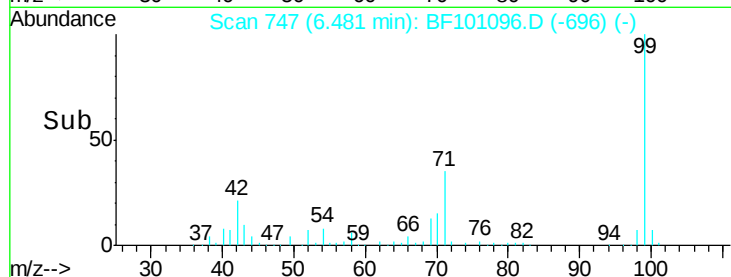
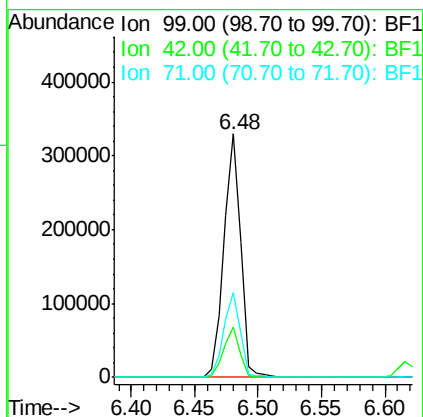
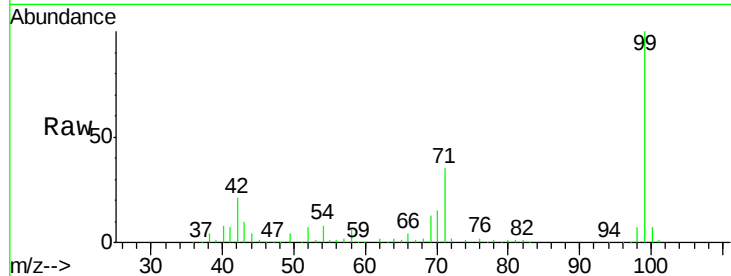
ClientSampleId :

RT-3874

Tot Ion:	99	Resp:	303611
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.5	21.7
71	34.9	25.4	38.0

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#10

Phenol

Concen: 2.21 ng

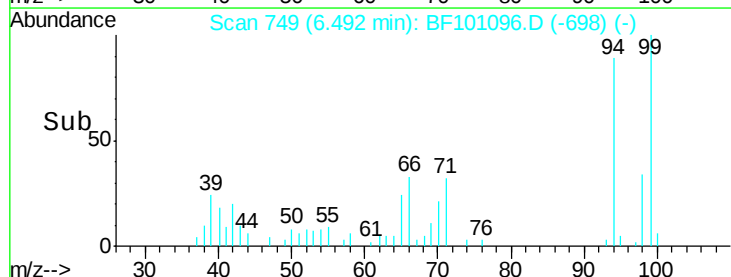
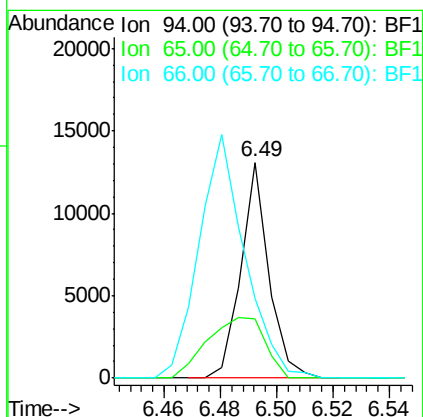
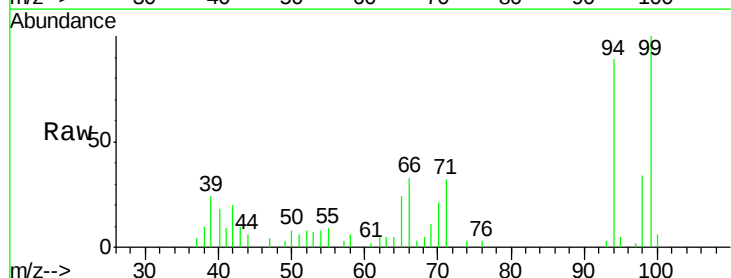
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101096.D

Acq: 4 Dec 2017 14:29

Tgt Ion:	94	Resp:	8995
Ion Ratio	Lower	Upper	
94	100		
65	27.5	7.9	47.9
66	36.9	16.2	56.2





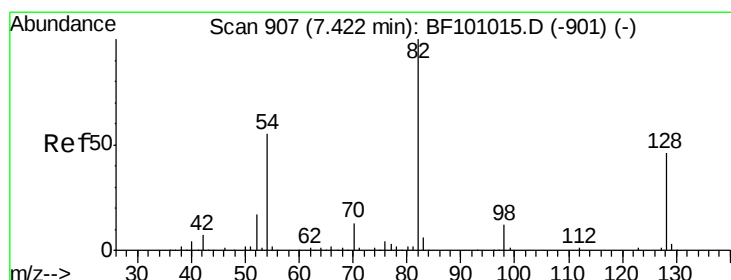
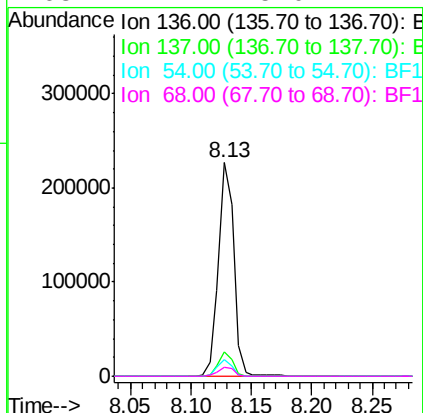
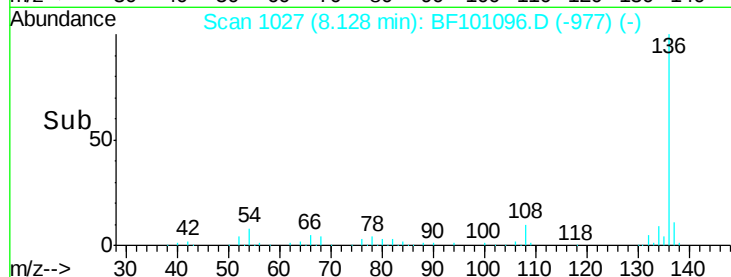
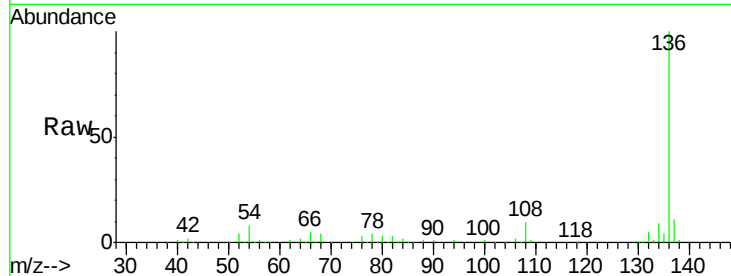
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
RT-3874

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		197811		
137	11.4	8.9	13.3		
54	7.9	6.6	9.8		
68	4.4	5.0	7.4		

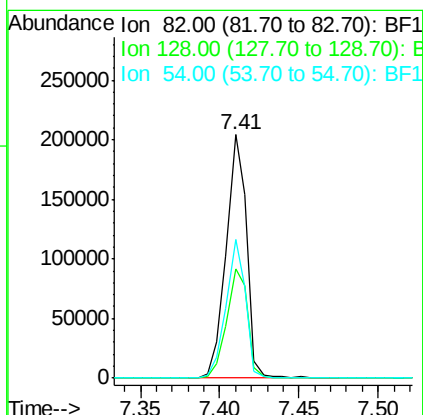
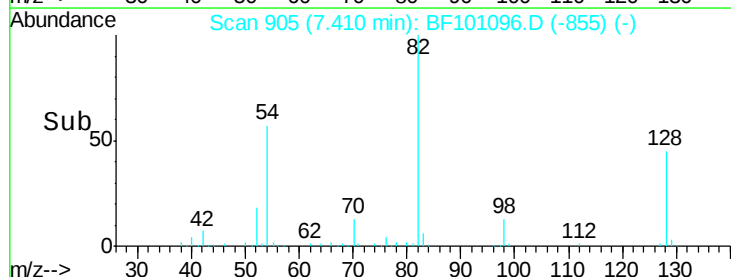
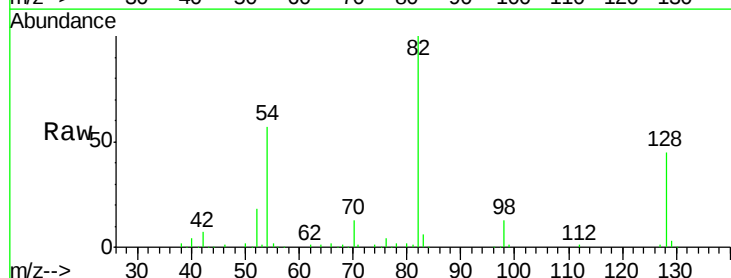
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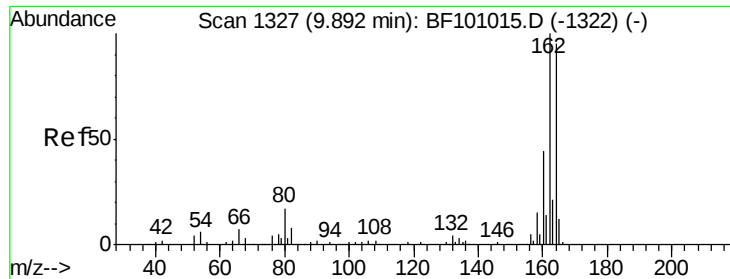
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#23
Nitrobenzene-d5
Concen: 55.10 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		182717		
128	44.7	36.1	54.1		
54	56.8	41.4	62.2		





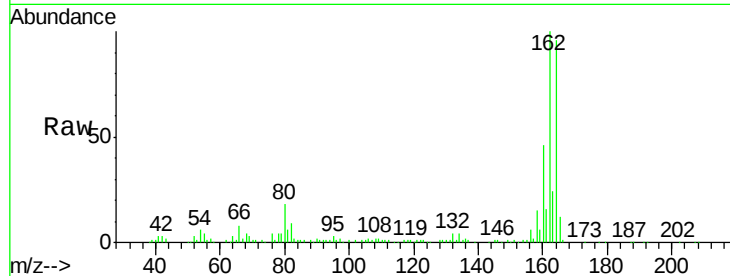
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
RT-3874

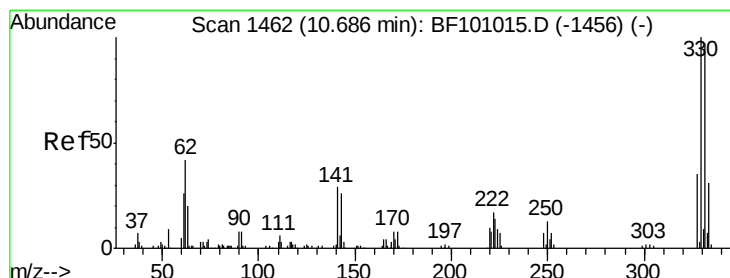
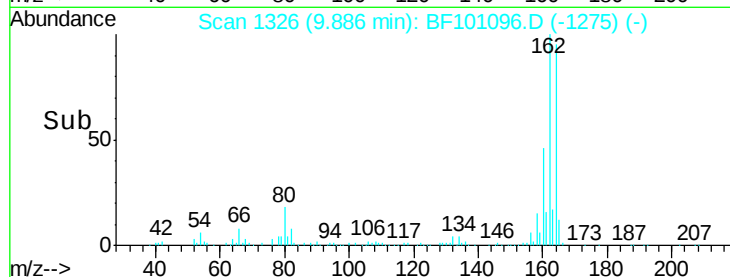
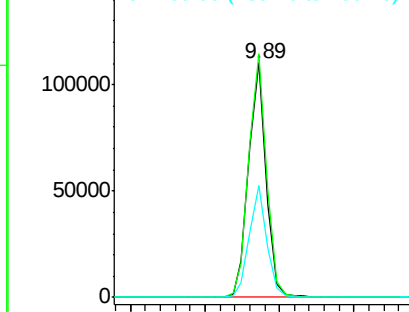
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	86.1	129.1	
160	47.8	38.3	57.5	

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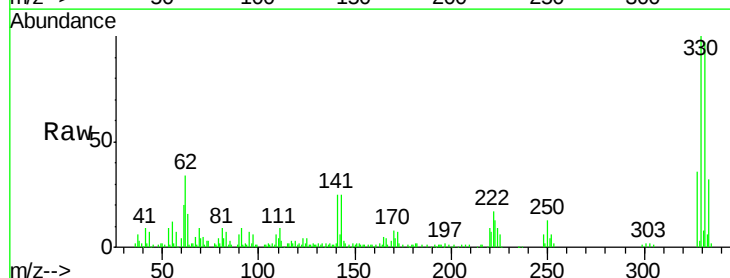


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

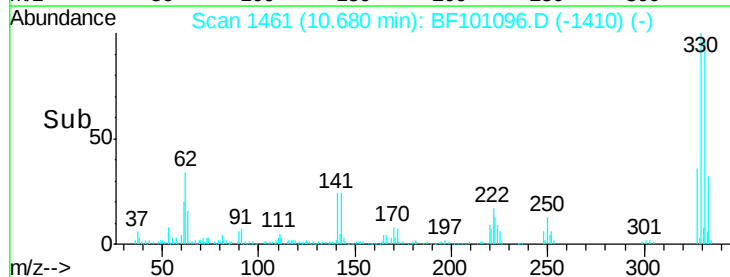
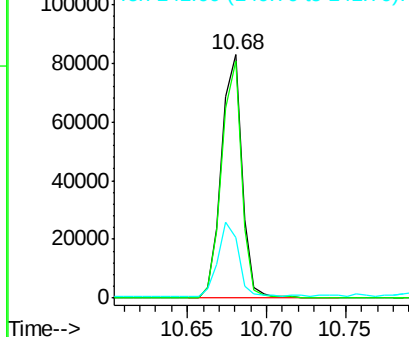


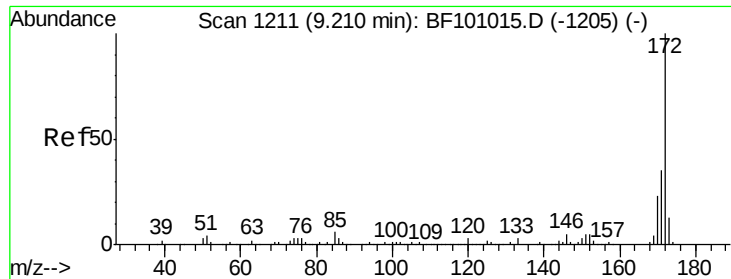
#41
2,4,6-Tribromophenol
Concen: 69.46 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.0	115.6	
141	30.9	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





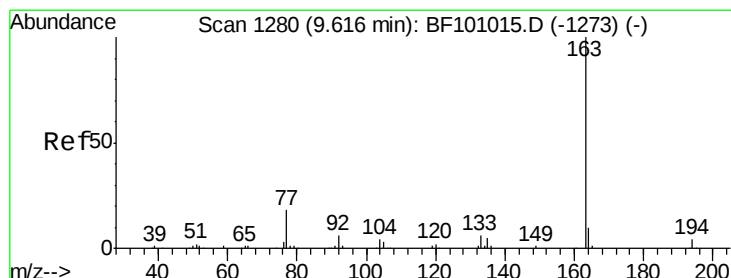
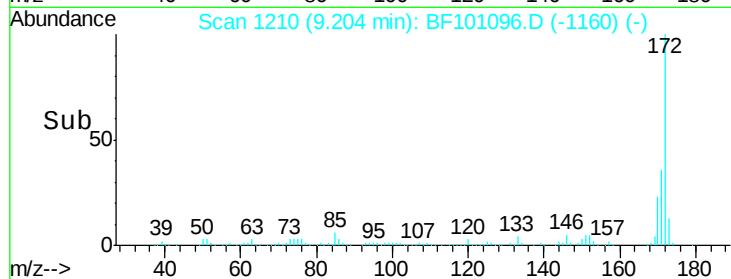
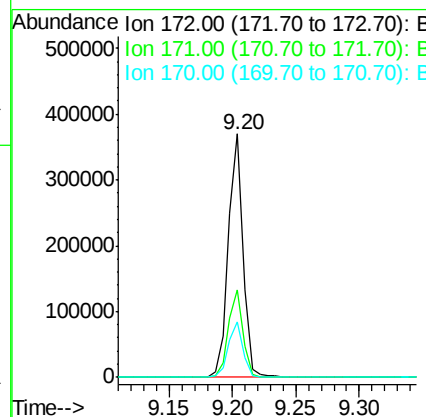
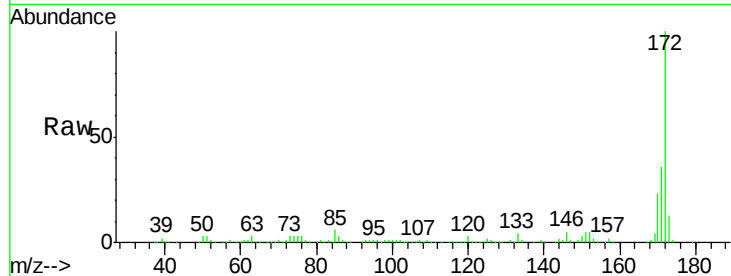
#44
2-Fluorobiphenyl
Concen: 45.67 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
RT-3874

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.0	19.6	29.4	

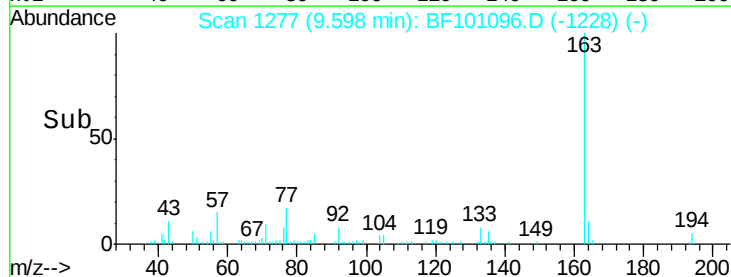
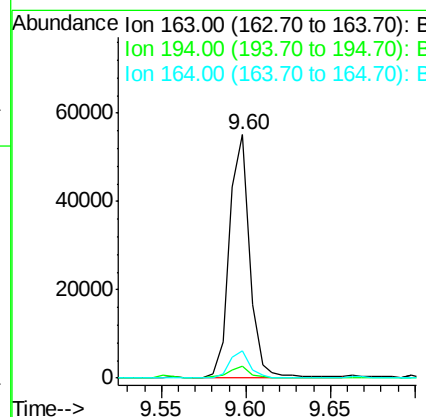
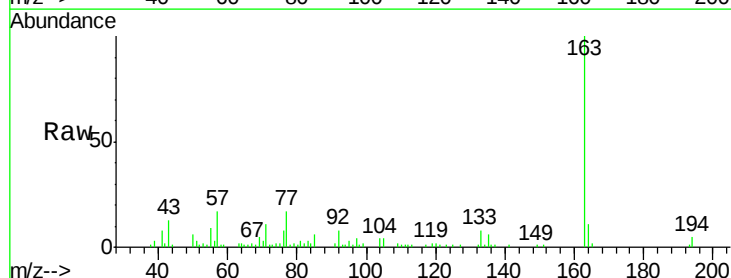
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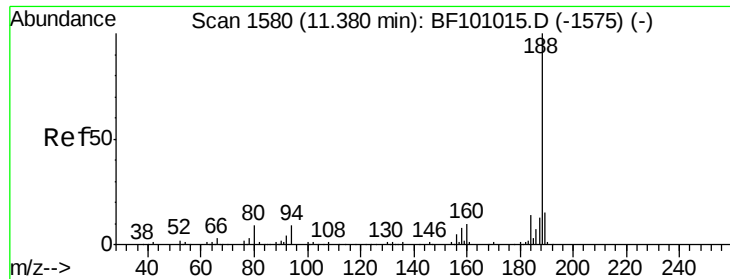
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#49
Dimethylphthalate
Concen: 6.44 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.1	2.7	4.1#	
164	11.0	8.2	12.2	





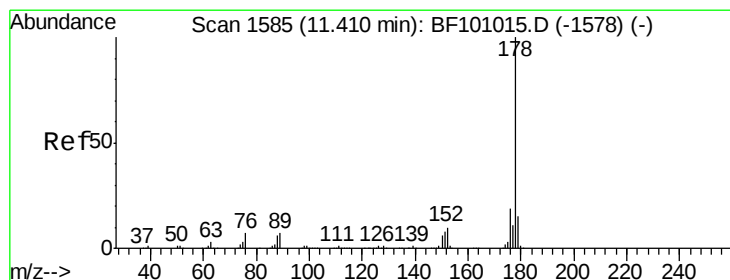
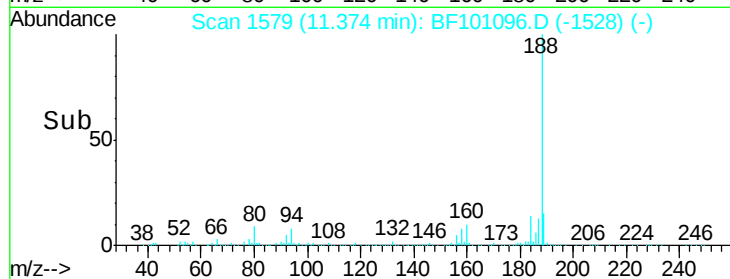
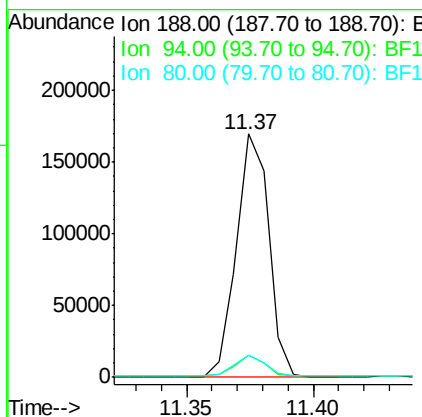
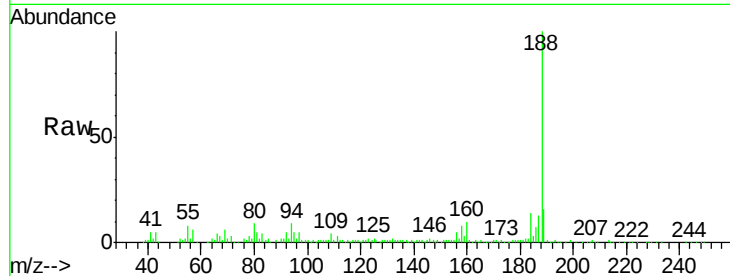
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
RT-3874

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.2	9.2	13.8

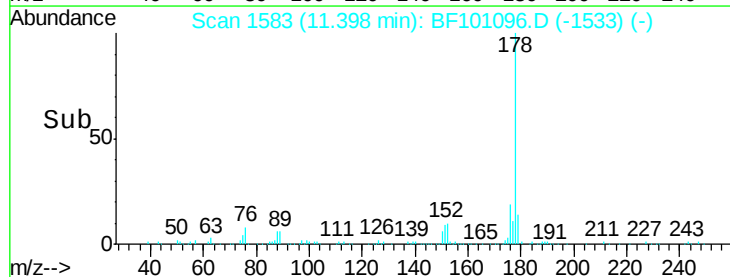
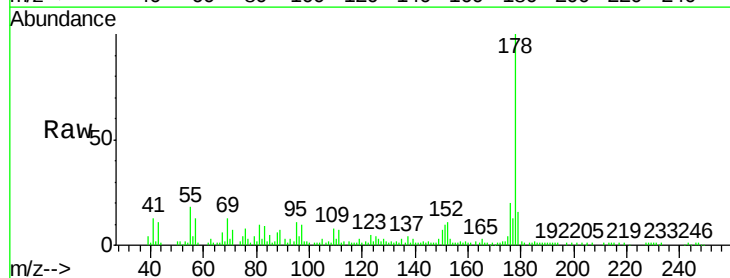
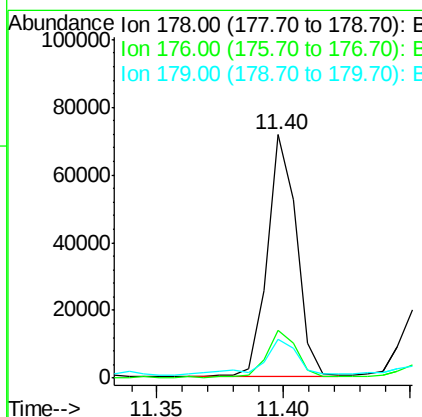
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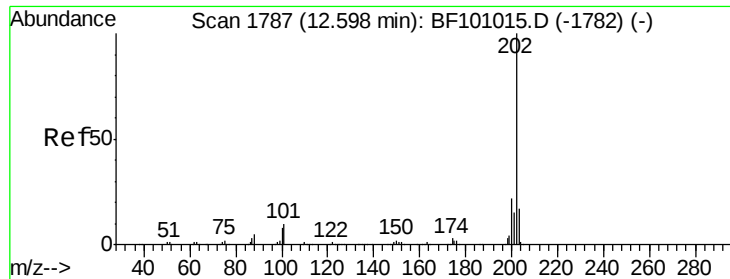
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#70
Phenanthrene
Concen: 6.94 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.0	13.0	19.6





#74

Fluoranthene

Concen: 11.12 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101096.D

Acq: 4 Dec 2017 14:29

Instrument :

BNA_F

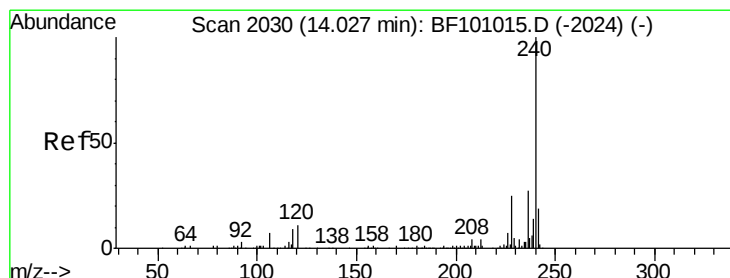
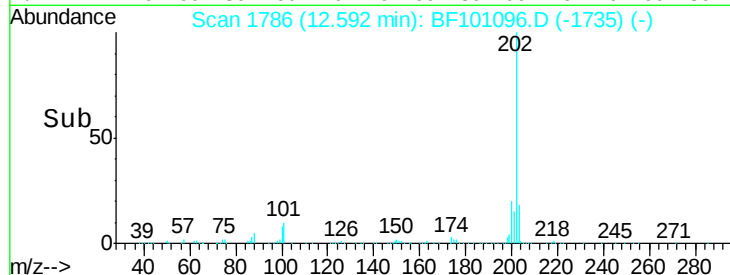
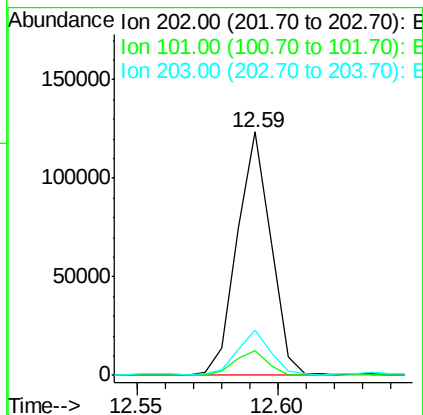
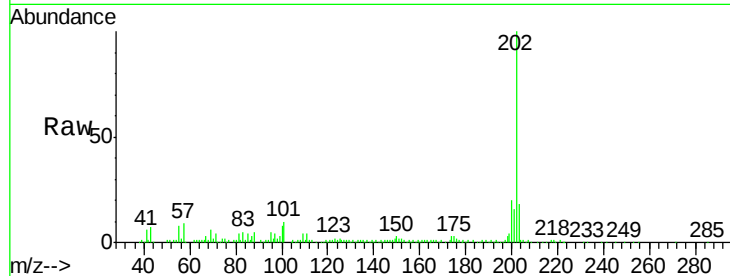
ClientSampleId :

RT-3874

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	34.1
203	18.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

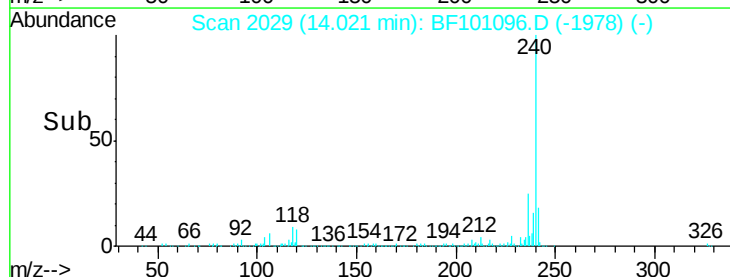
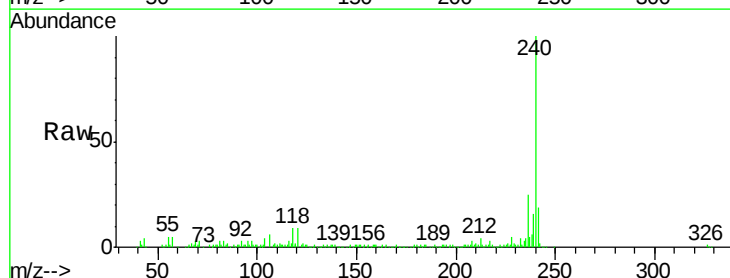
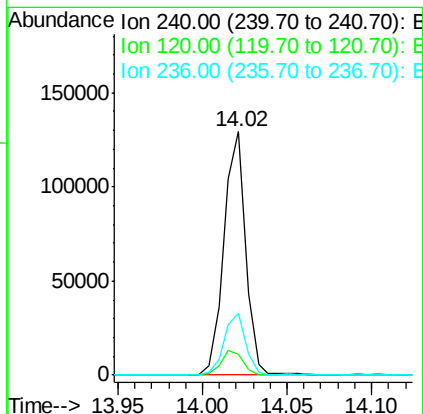
RT: 14.02 min Scan# 2029

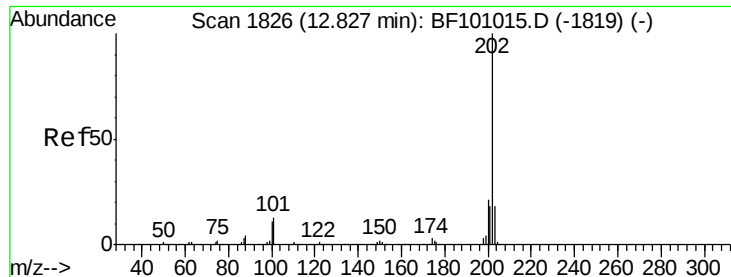
Delta R.T. 0.00 min

Lab File: BF101096.D

Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.5	20.7	31.1





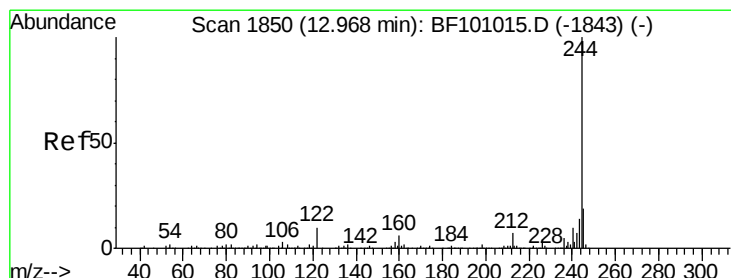
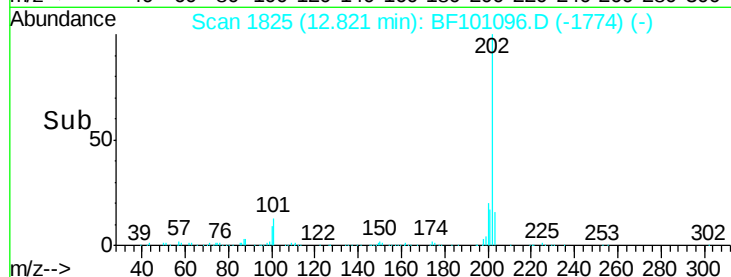
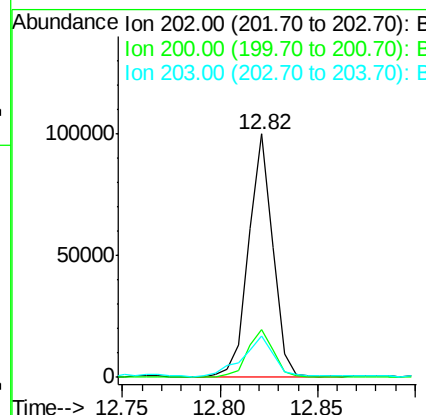
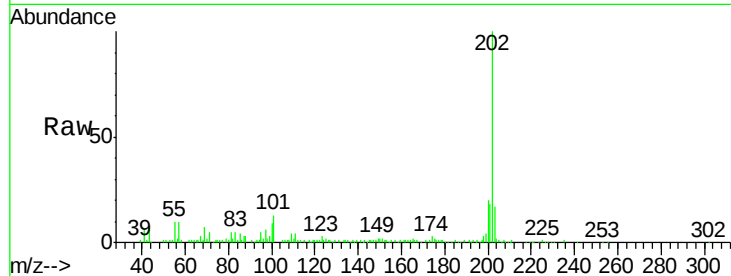
#77
Pvrene
Concen: 10.86 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.2	14.3	21.5

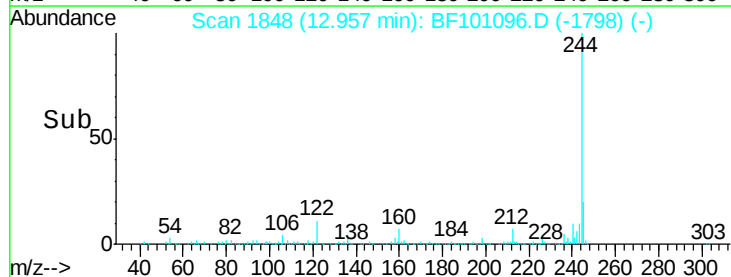
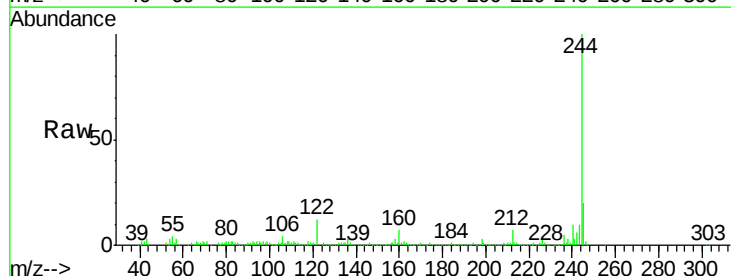
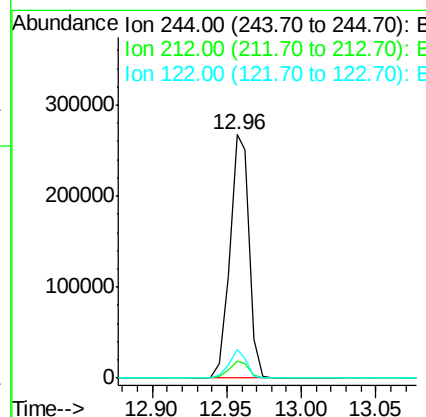
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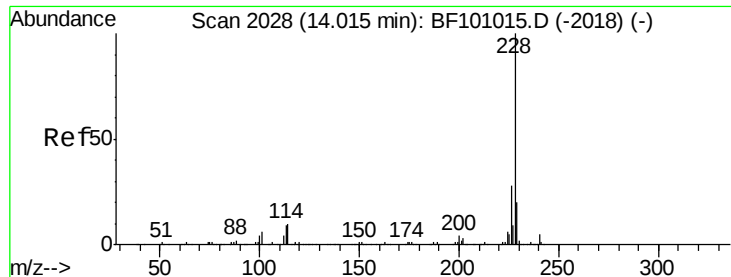
Sohil
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#78
Terphenyl-d14
Concen: 46.43 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.6	11.0	16.4





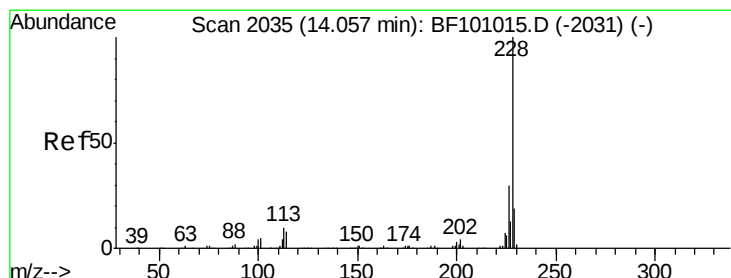
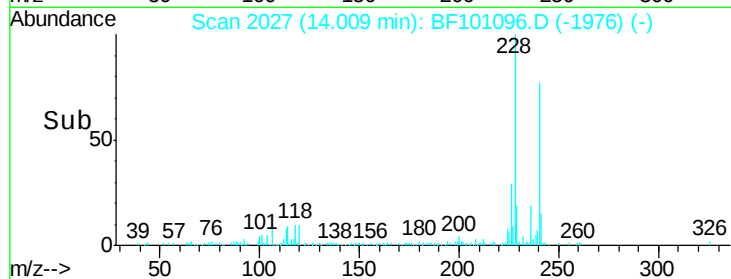
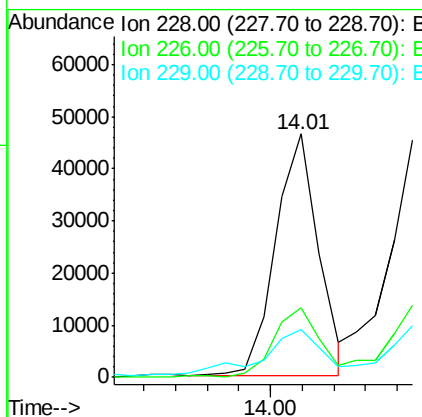
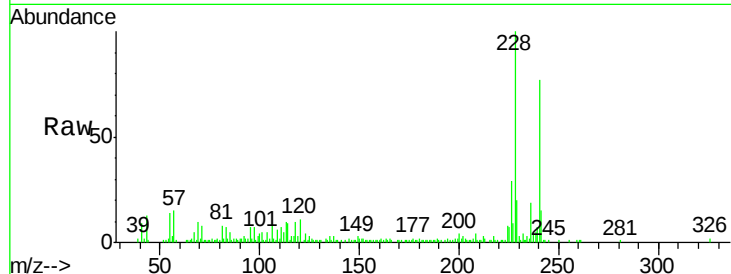
#80
Benzo(a)anthracene
Concen: 6.01 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
RT-3874

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.8	15.8	23.6

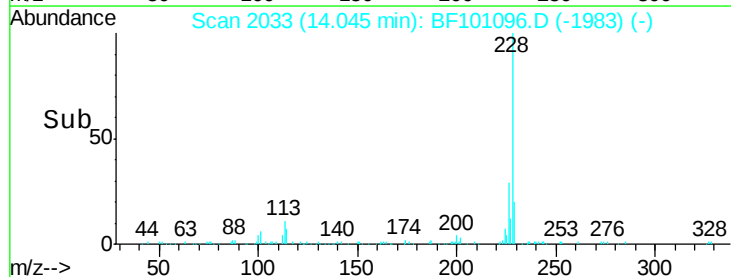
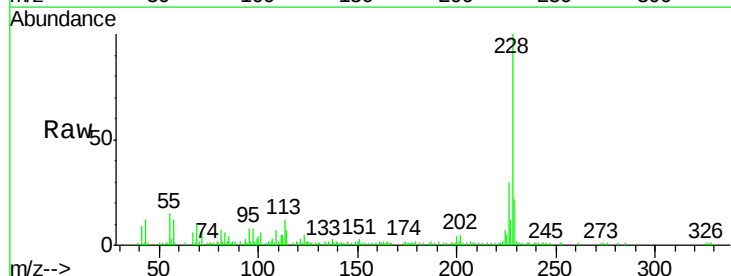
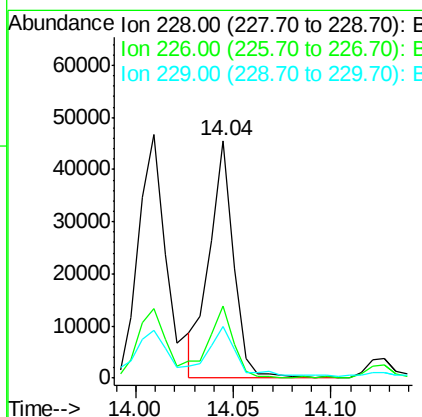
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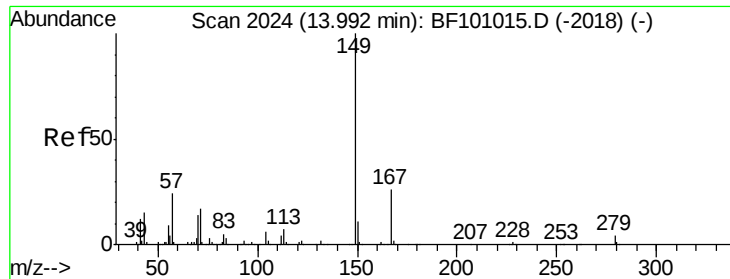
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#82
Chrysene
Concen: 5.83 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.6	16.2	24.4





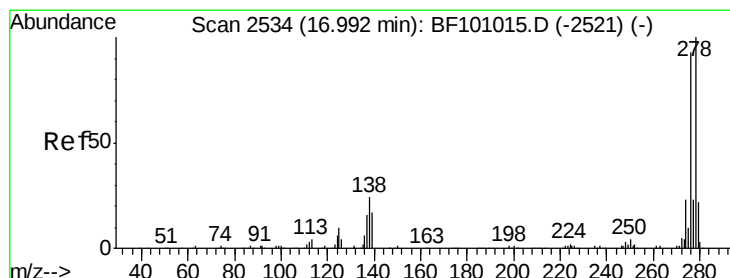
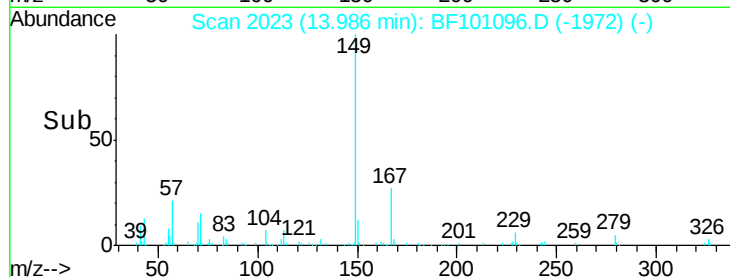
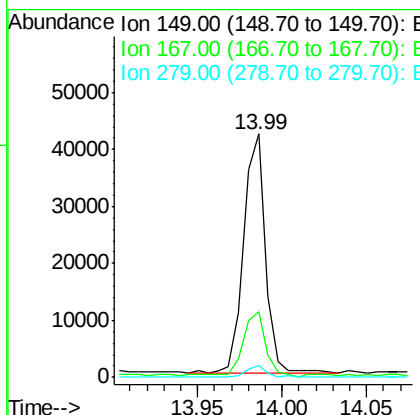
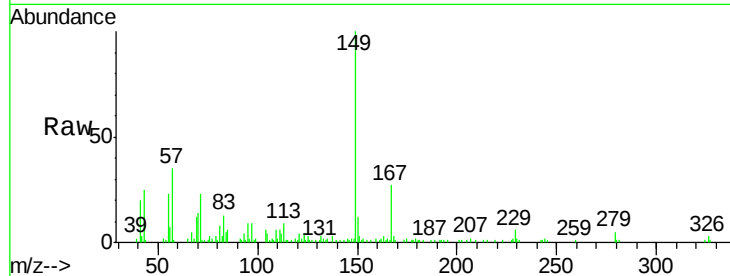
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.57 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101096.D
 Acq: 4 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampled :
 RT-3874

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.8	3.0	4.4

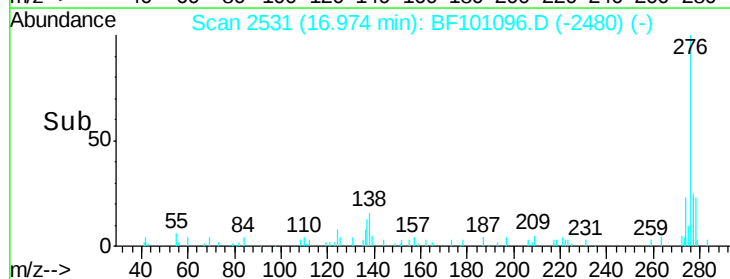
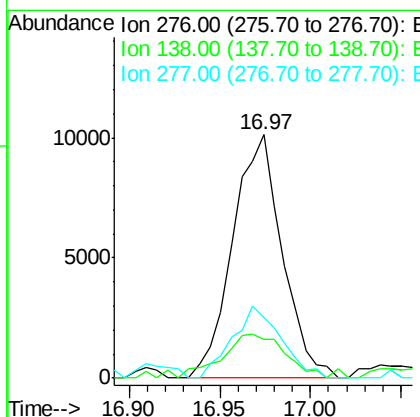
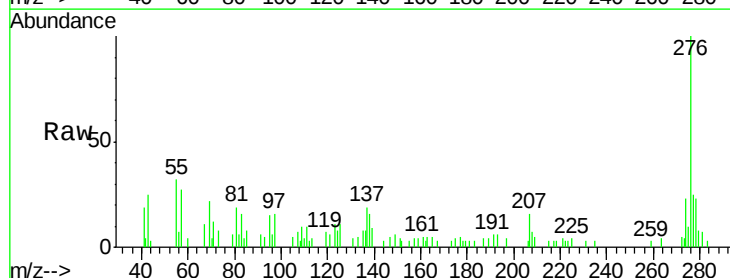
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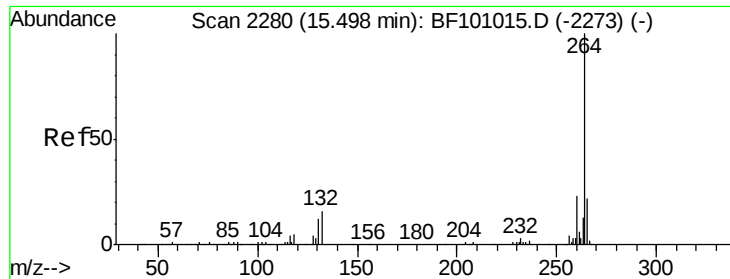
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.20 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BF101096.D
 Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6
277	29.1	20.1	30.1





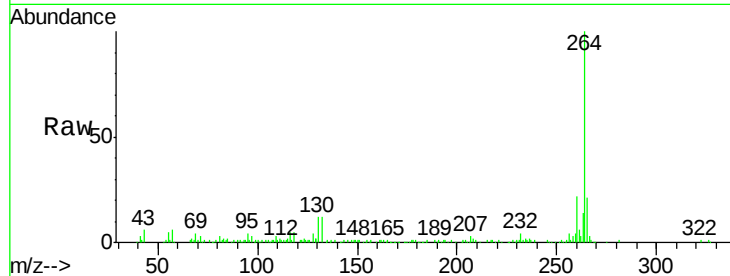
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampled :
RT-3874

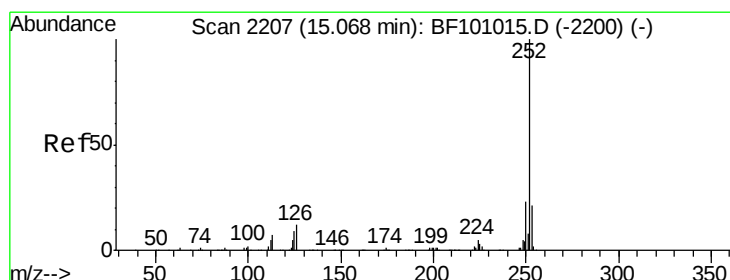
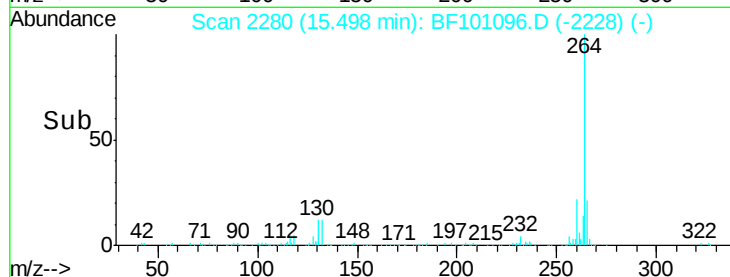
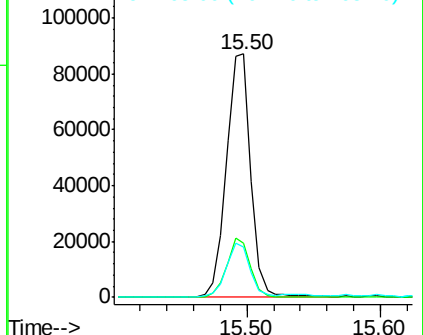
Tot Ion:	264	Resp:	112220
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	20.5	17.5	26.3

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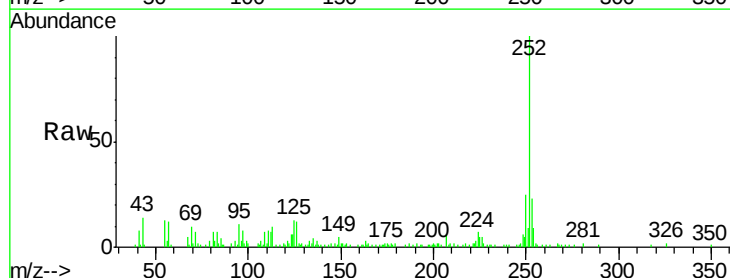


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

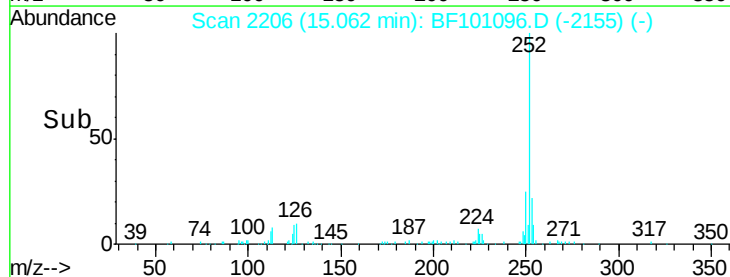
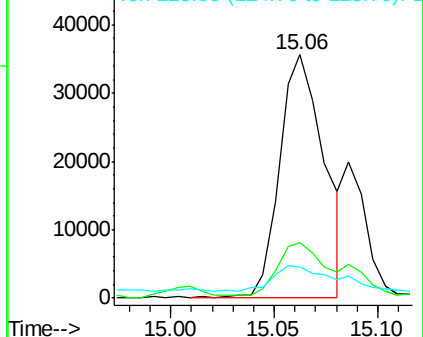


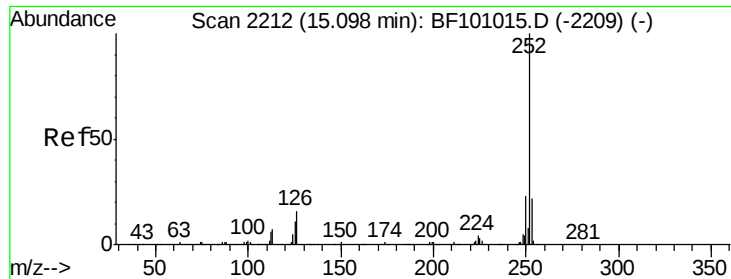
#87
Benzo(b)fluoranthene
Concen: 7.90 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion:	252	Resp:	53127
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.6
125	12.6	9.0	13.6



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





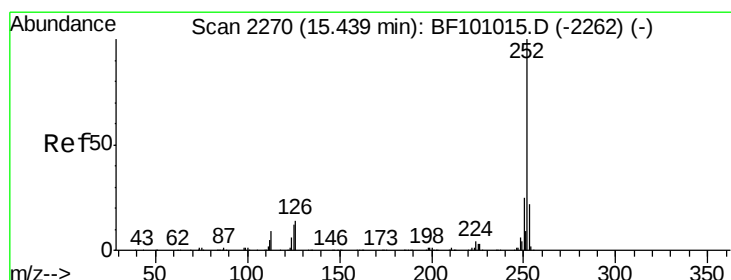
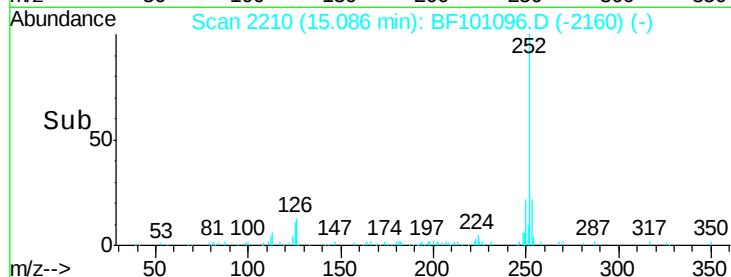
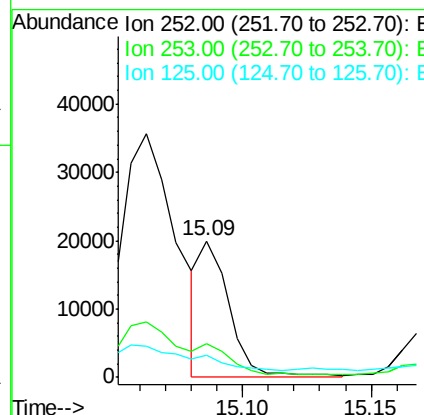
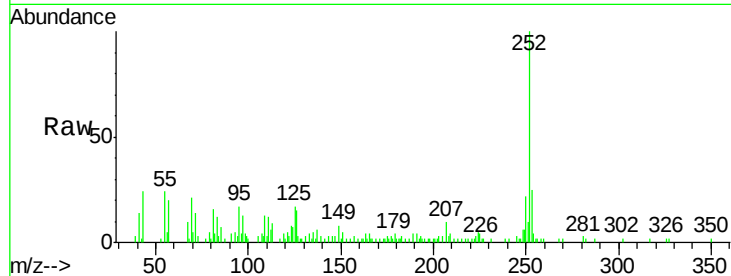
#88
Benzo(k)fluoranthene
Concen: 2.41 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Instrument :
BNA_F
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	16.7	10.2	15.2

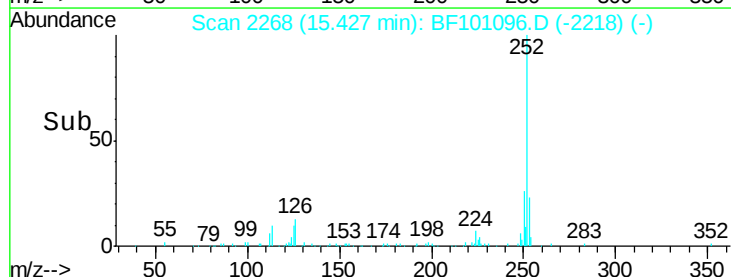
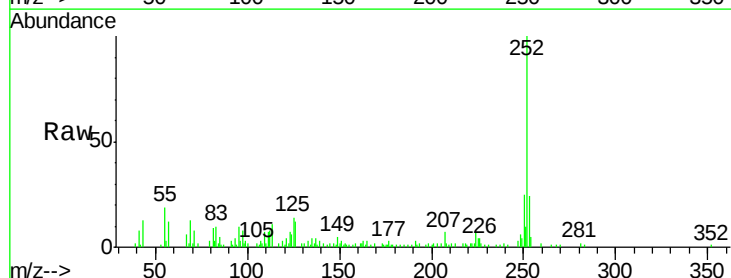
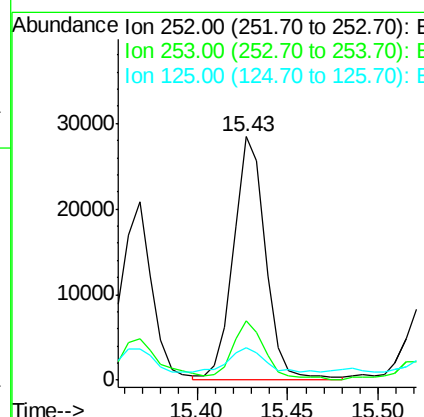
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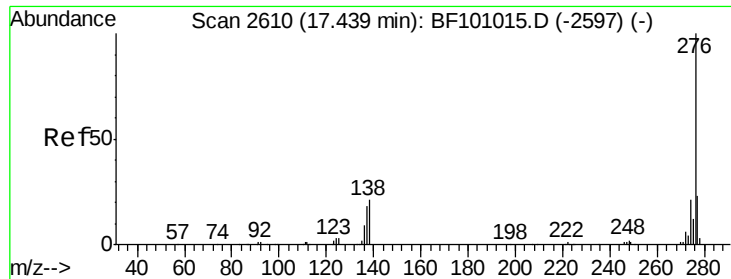
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#89
Benzo(a)pyrene
Concen: 5.75 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101096.D
Acq: 4 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.5	9.8	14.6





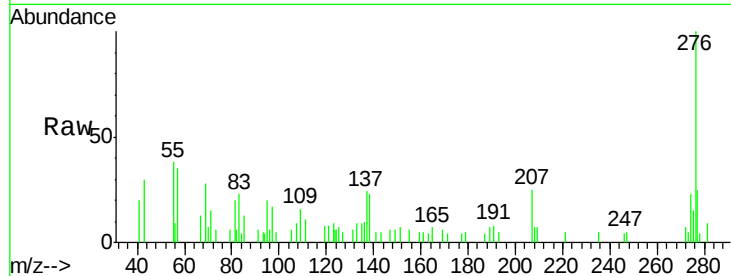
#91
 Benzo(a,h,i)perylene
 Concen: 3.36 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF101096.D
 Acq: 4 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 RT-3874

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	22.6	21.8	32.8

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

