

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096574.D
 Acq On : 7 Jul 2017 22:16
 Operator : SJ/MA
 Sample : I4070-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-A

Manual Integrations
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 7/10/2017 2:22:45 PM

Quant Time: Jul 08 00:55:38 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	124513	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	505457	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	215479	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	331980	20.00	ng	0.00
75) Chrysene-d12	13.83	240	225147	20.00	ng	-0.01
86) Perylene-d12	15.23	264	238281	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	795703	94.32	ng	0.00
7) Phenol-d6	6.34	99	959138	92.48	ng	0.00
23) Nitrobenzene-d5	7.26	82	562311	66.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	169831	100.90	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	853195	67.70	ng	0.00
78) Terphenyl-d14	12.79	244	550089	52.21	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	31684	2.682	ng	97
49) Dimethylphthalate	9.45	163	121550	7.556	ng	97
70) Phenanthrene	11.23	178	118899	6.625	ng	97
74) Fluoranthene	12.41	202	85497	4.859	ng	98
77) Pyrene	12.64	202	124274	6.877	ng	99
80) Benzo(a)anthracene	13.82	228	43363m	3.326	ng	
82) Chrysene	13.86	228	47531	3.481	ng	98
87) Benzo(b)fluoranthene	14.84	252	43056m	2.884	ng	
89) Benzo(a)pyrene	15.17	252	39719	2.980	ng	# 95
91) Benzo(g,h,i)perylene	16.97	276	23215	2.136	ng	# 88

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

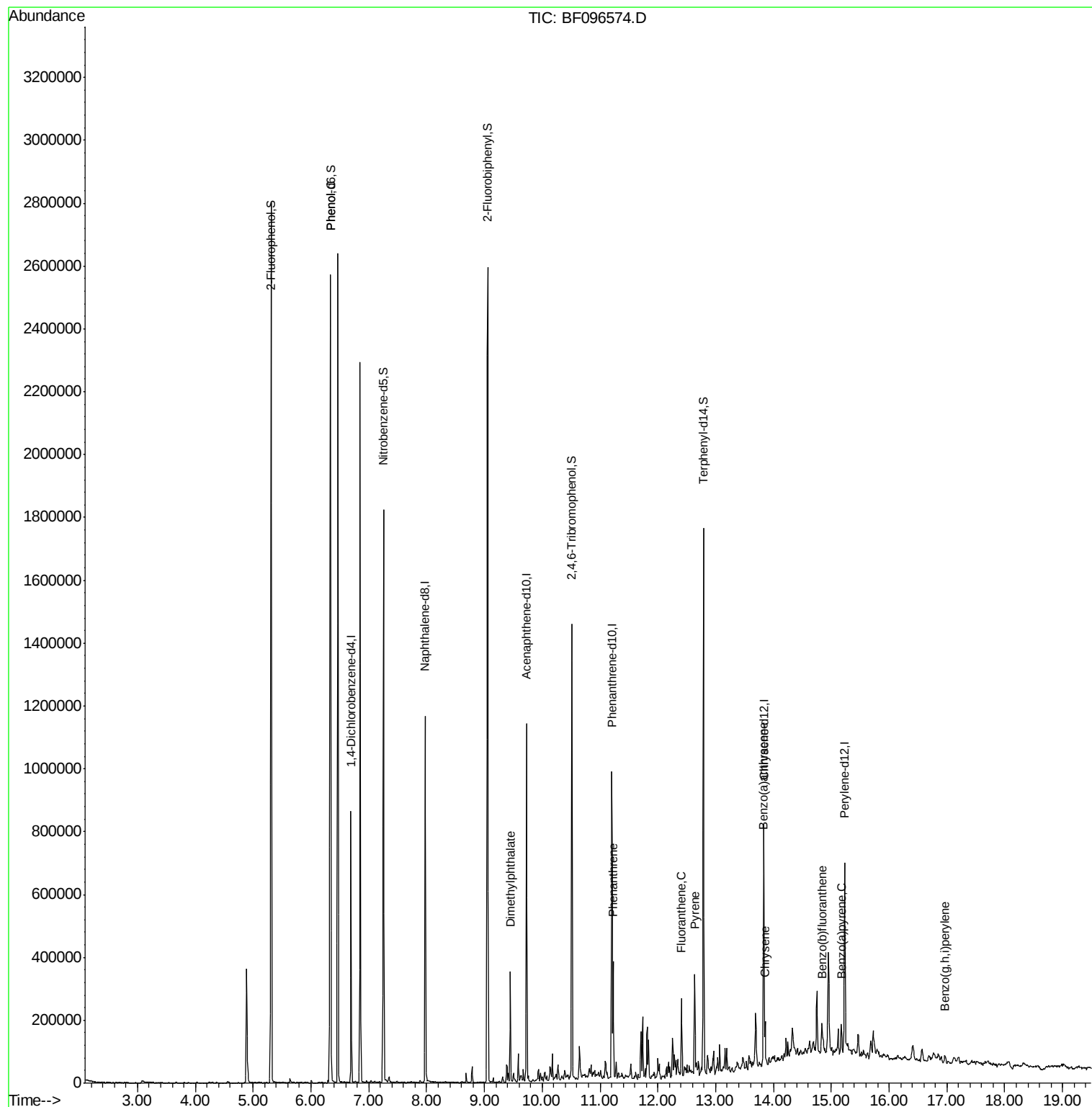
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096574.D
Acq On : 7 Jul 2017 22:16
Operator : SJ/MA
Sample : I4070-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

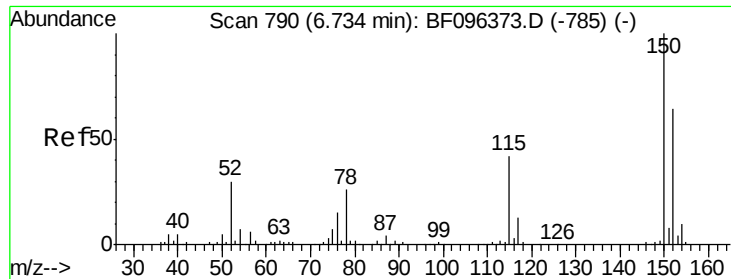
Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

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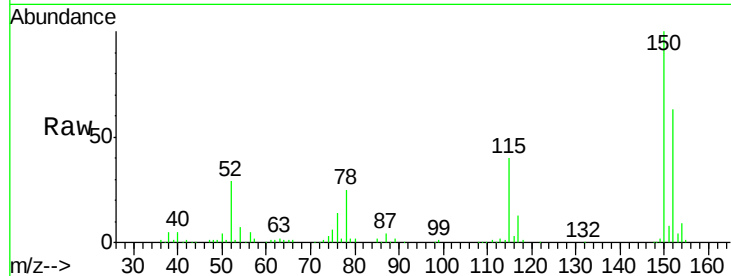
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF096574.D
 Acq: 7 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	124513		
150	157.7	126.2	189.2	
115	63.5	52.2	78.2	

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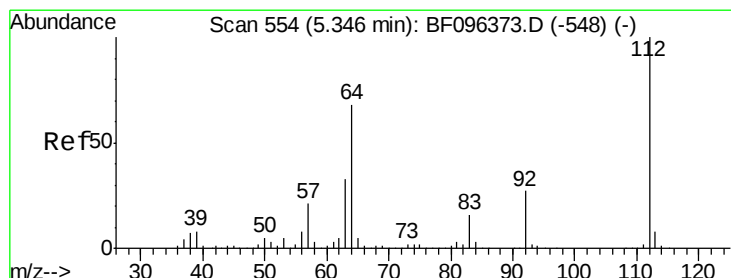
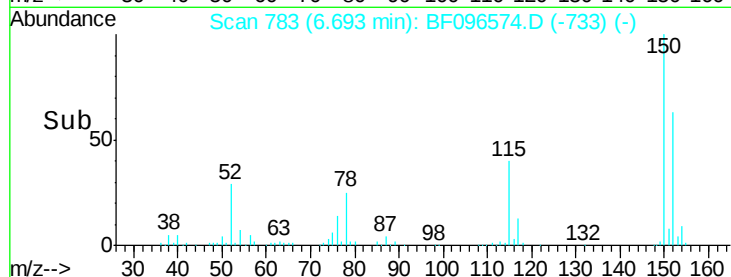
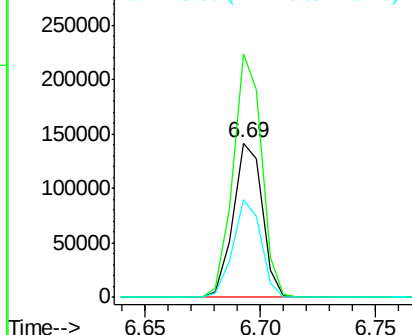


Abundance

Ion 152.00 (151.70 to 152.70): E

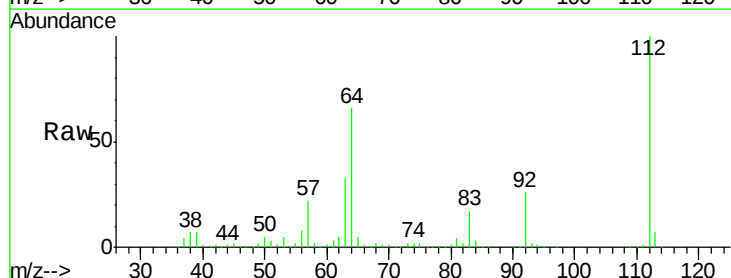
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 94.322 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF096574.D
 Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	795703		
64	66.1	46.0	69.0	
63	33.0	23.4	35.0	

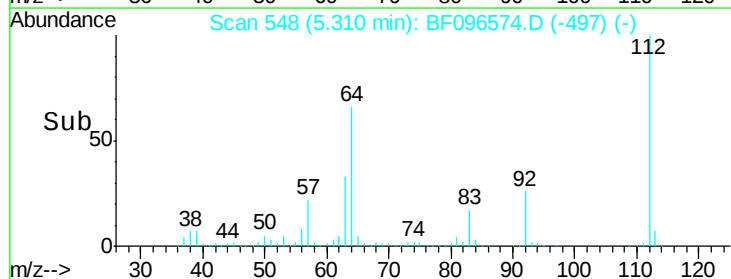
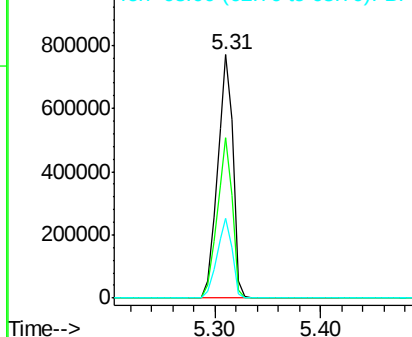


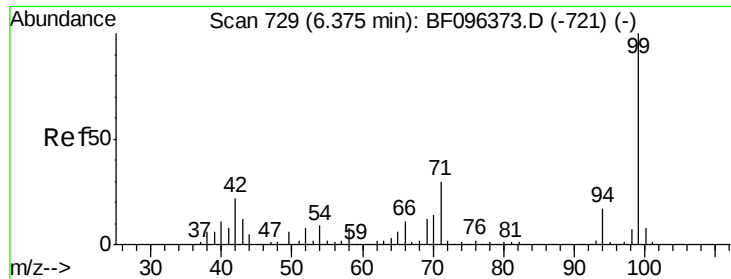
Abundance

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: 92.483 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096574.D

Acq: 7 Jul 2017 22:16

Instrument :

BNA_F

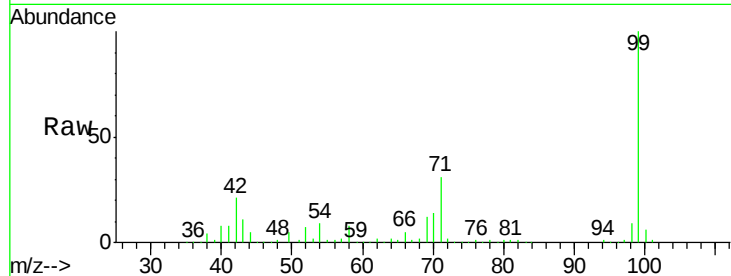
ClientSampleId :

AU-05-070517-A

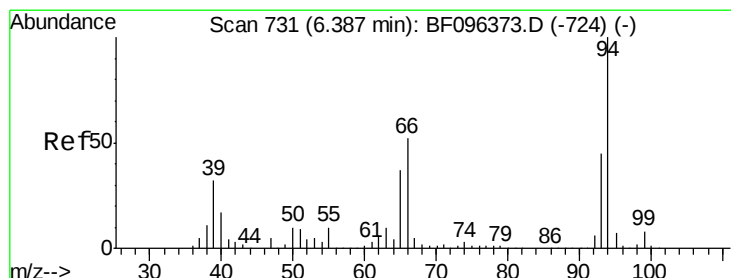
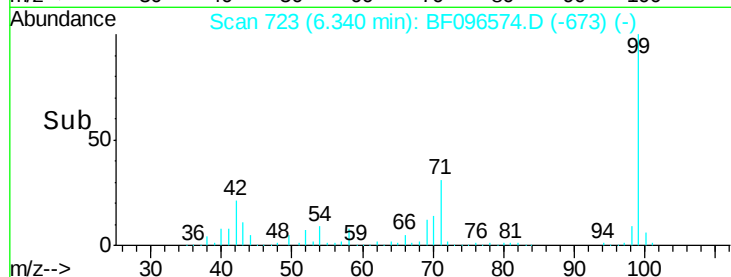
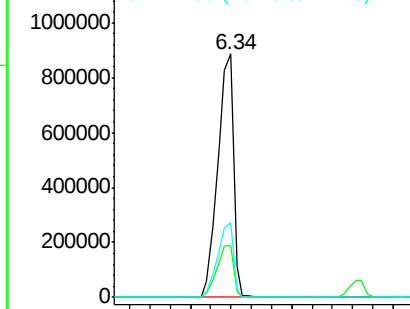
Tgt Ion:	99	Resp:	959138
Ion	Ratio	Lower	Upper
99	100		
42	21.1	13.5	20.3#
71	30.8	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.682 ng

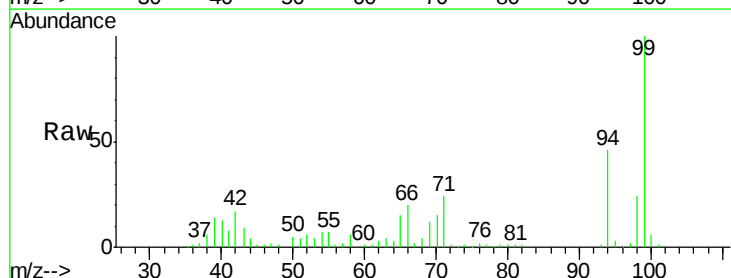
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

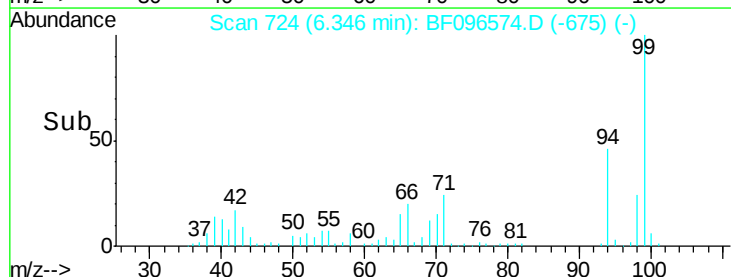
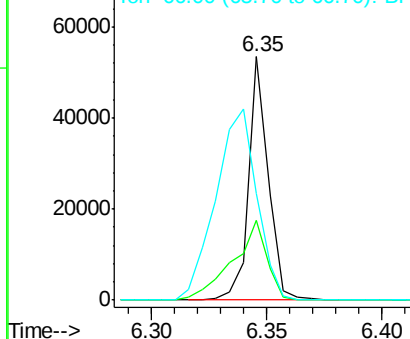
Lab File: BF096574.D

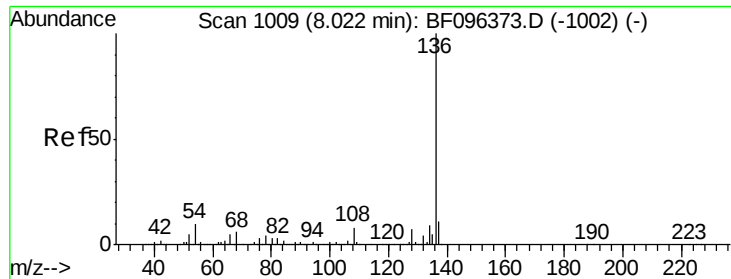
Acq: 7 Jul 2017 22:16

Tgt Ion:	94	Resp:	31684
Ion	Ratio	Lower	Upper
94	100		
65	32.9	9.9	49.9
66	43.7	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096574.D

Acq: 7 Jul 2017 22:16

Instrument :

BNA_F

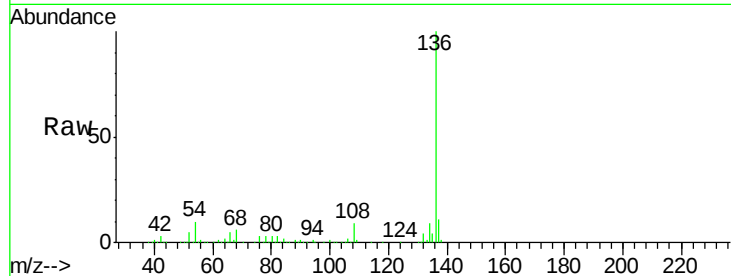
ClientSampleId :

AU-05-070517-A

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	505457		
137	10.7	8.5	12.7	
54	10.3	4.9	7.3#	
68	5.6	4.1	6.1	

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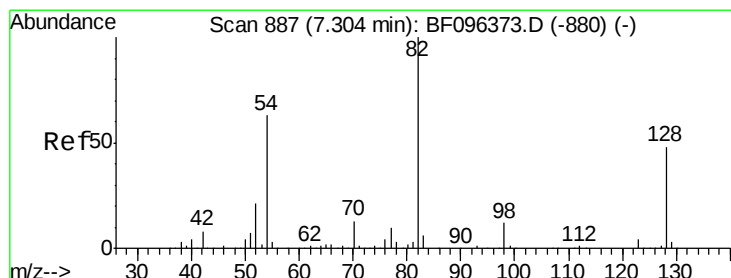
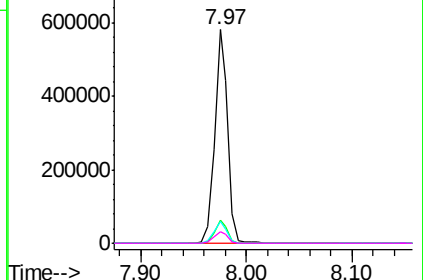
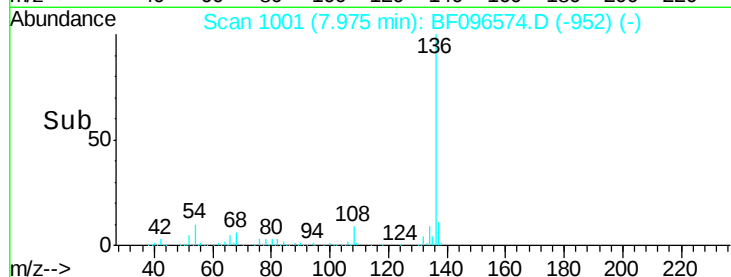


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 66.850 ng

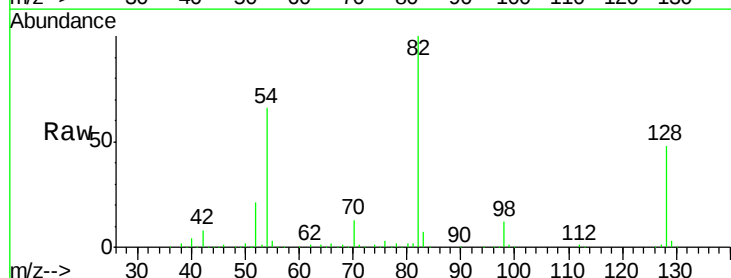
RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096574.D

Acq: 7 Jul 2017 22:16

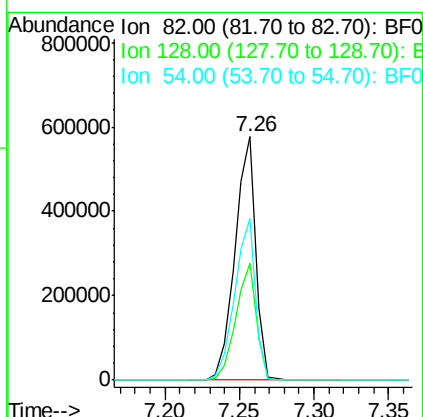
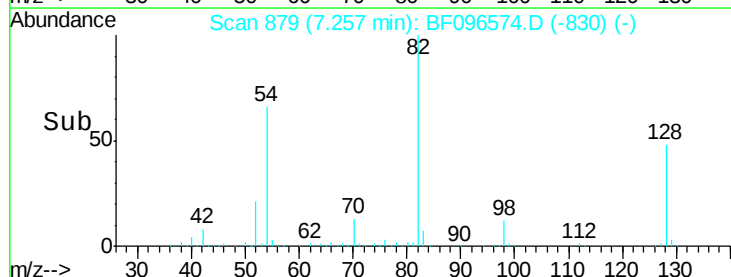
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	562311		
128	48.0	34.0	51.0	
54	66.3	42.2	63.2#	

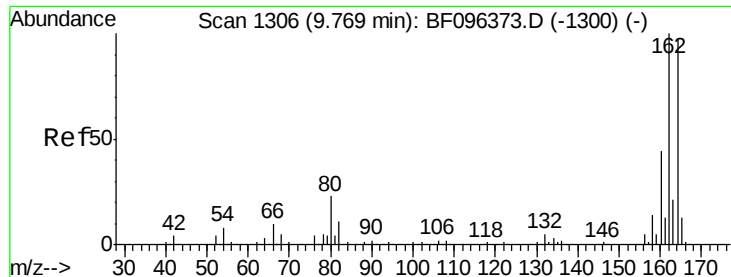


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





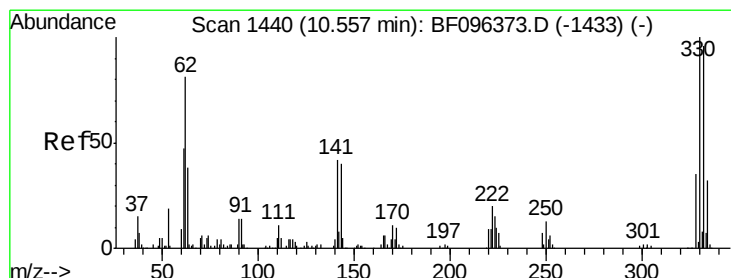
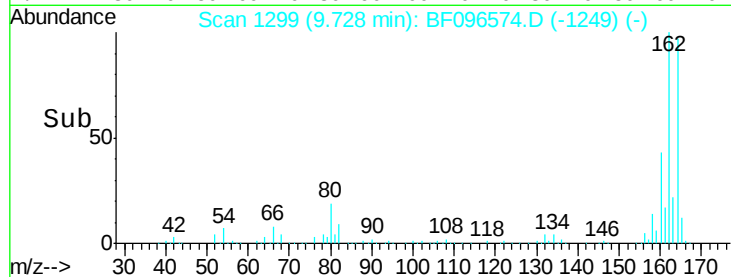
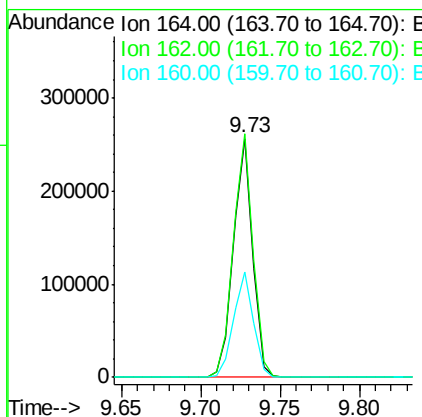
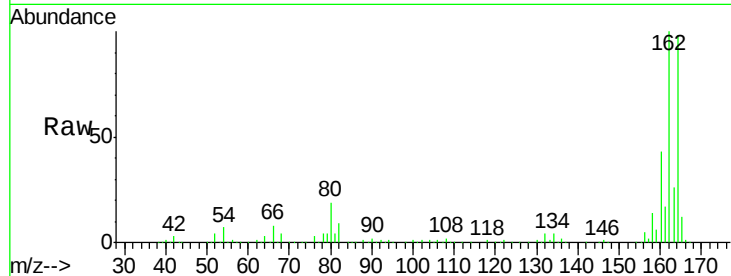
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096574.D
 Acq: 7 Jul 2017 22:16

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-A

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215479		
162	102.1	82.6	123.8	
160	44.3	36.2	54.2	

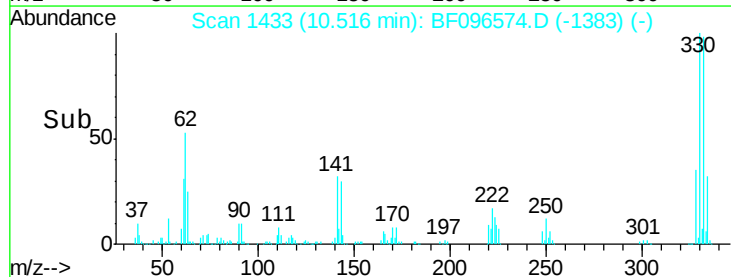
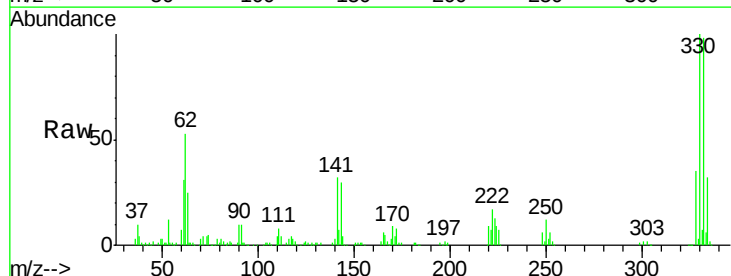
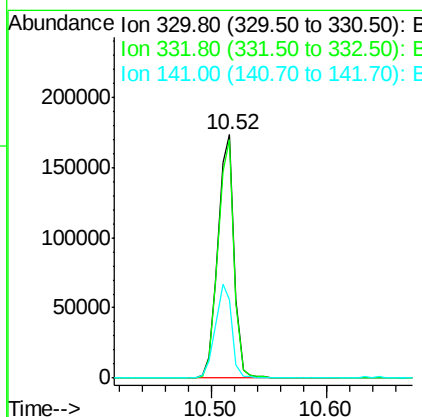
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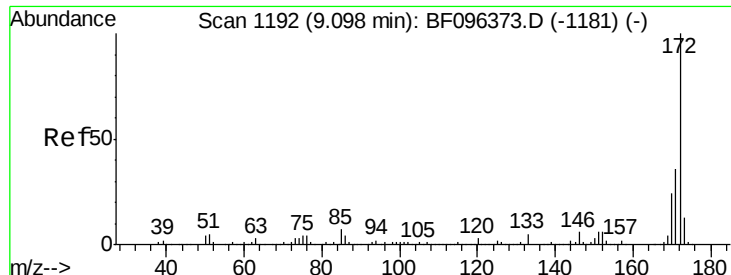
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#41
 2,4,6-Tribromophenol
 Concen: 100.900 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096574.D
 Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	169831		
332	96.7	76.6	115.0	
141	38.9	31.4	47.2	





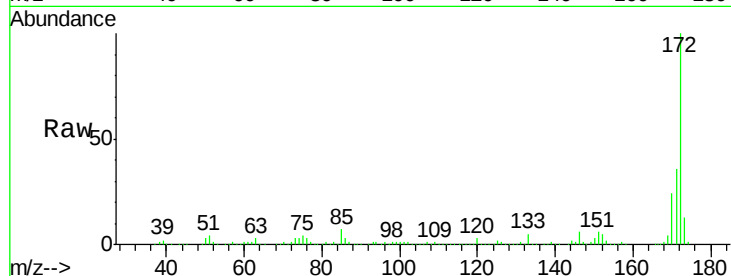
#44
2-Fluorobiphenyl
Concen: 67.699 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

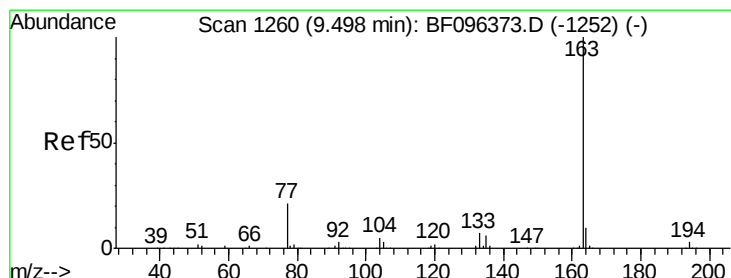
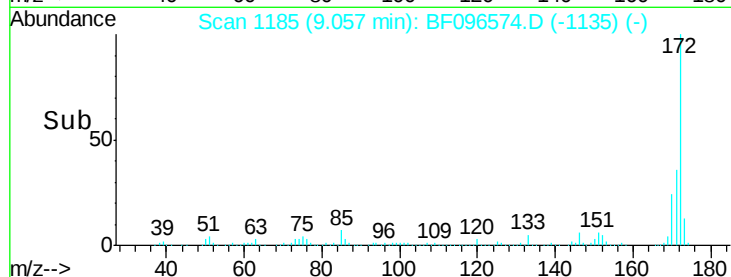
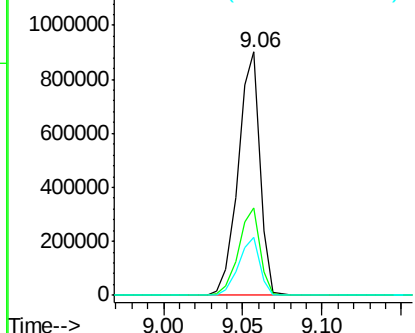
Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8

Manual Integrations
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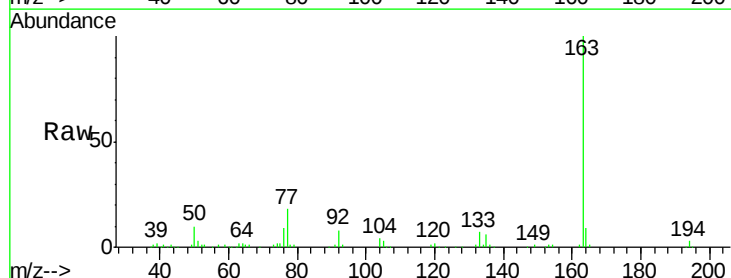


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

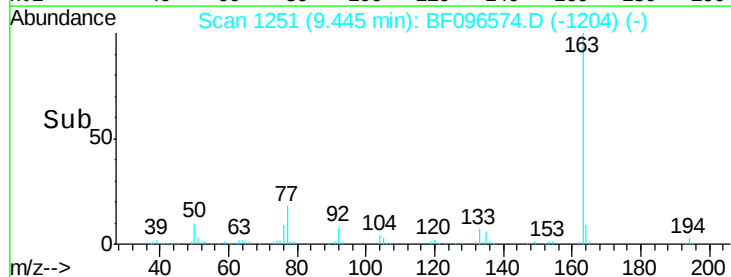
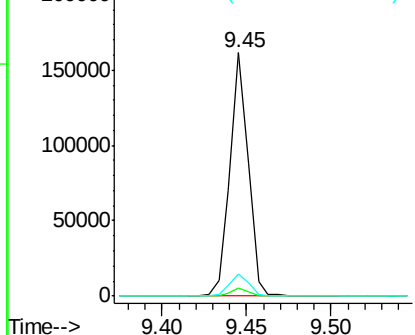


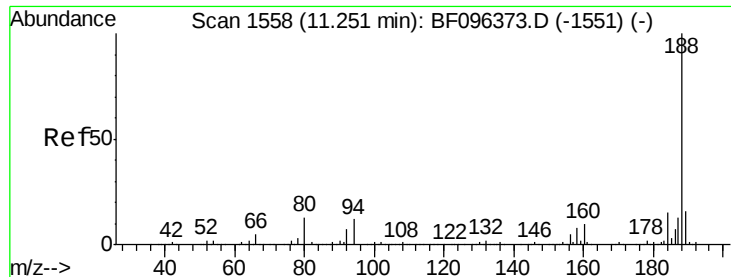
#49
Dimethylphthalate
Concen: 7.556 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	9.1	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





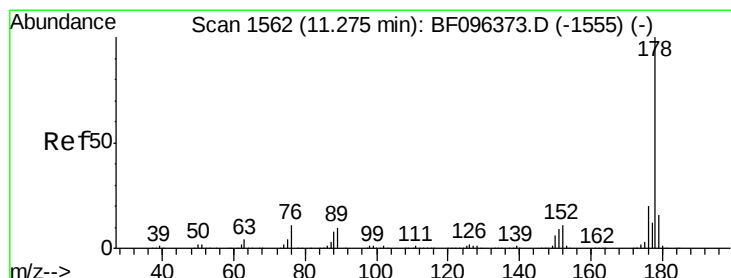
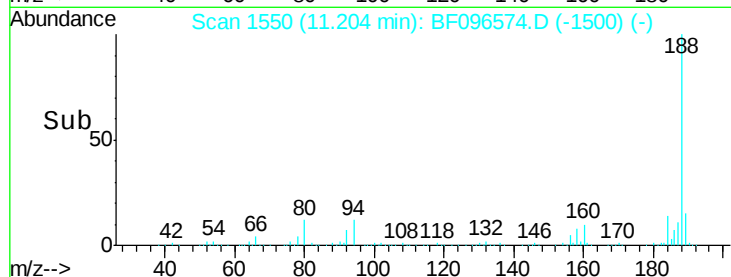
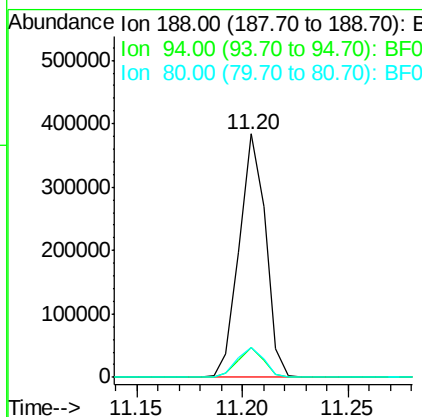
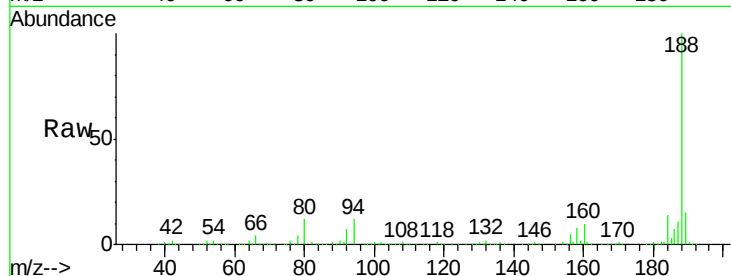
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	331980		
94	12.1		9.4	14.2
80	12.3		10.2	15.2

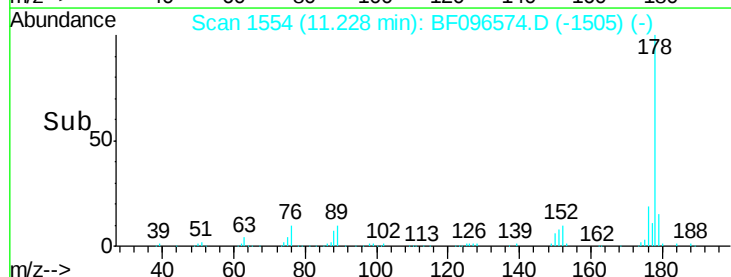
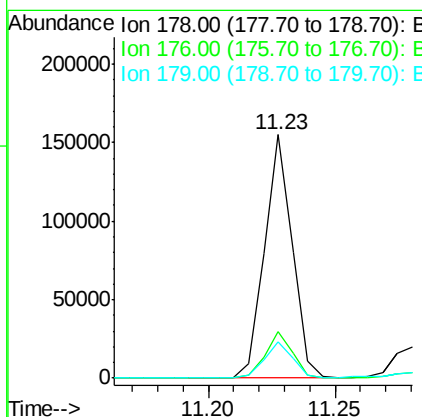
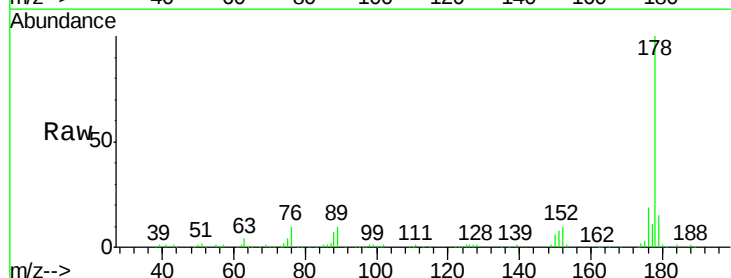
Manual Integrations
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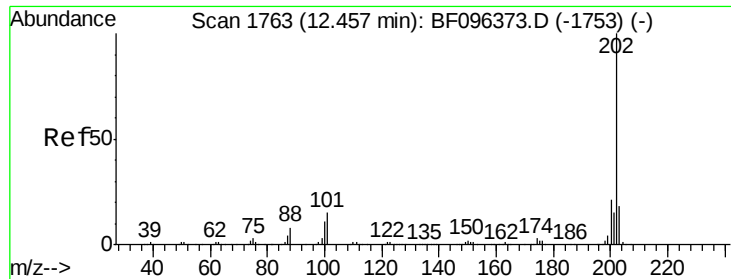
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#70
Phenanthrene
Concen: 6.625 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	118899		
176	19.0		16.2	24.4
179	14.8		12.6	19.0





#74

Fluoranthene

Concen: 4.859 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096574.D

Acq: 7 Jul 2017 22:16

Instrument :

BNA_F

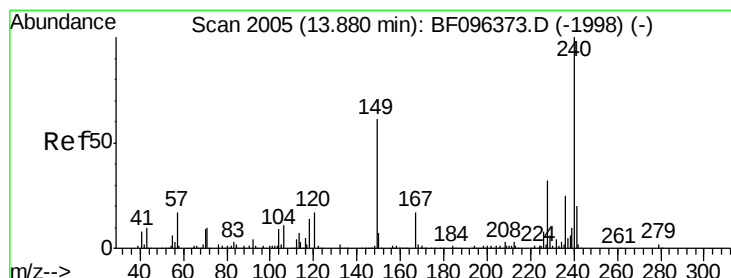
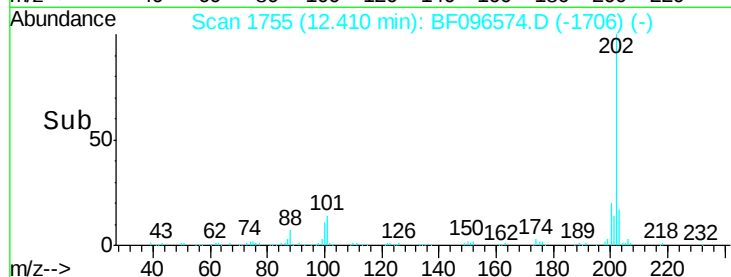
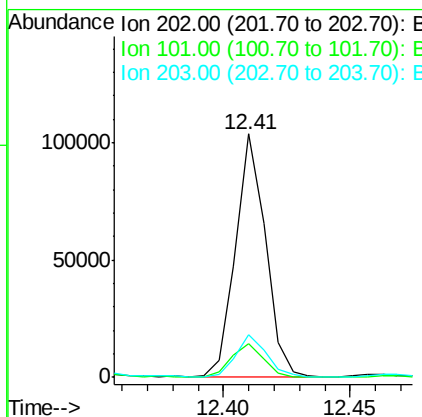
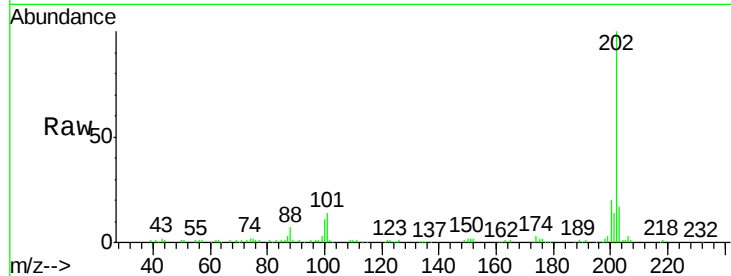
ClientSampleId :

AU-05-070517-A

Tgt	Ion	202	Resp:	85497
Ion	Ratio	Lower	Upper	
202	100			
101	13.9	0.0	33.2	
203	17.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

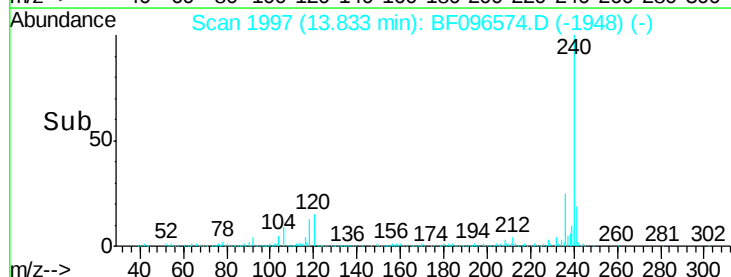
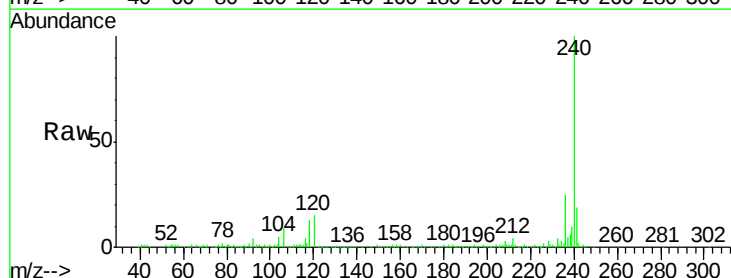
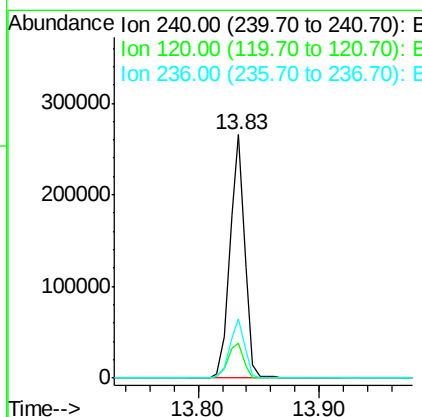
RT: 13.83 min Scan# 1997

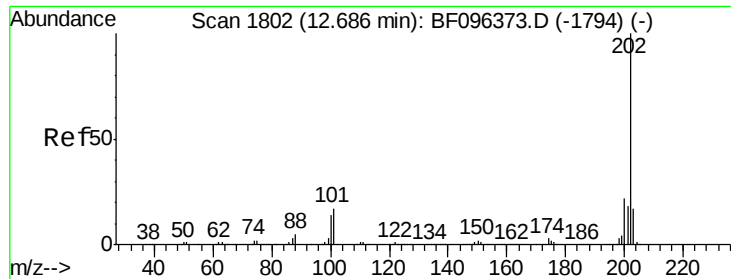
Delta R.T. -0.01 min

Lab File: BF096574.D

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Tgt	Ion	240	Resp:	225147
Ion	Ratio	Lower	Upper	
240	100			
120	14.6	5.8	8.8#	
236	24.6	20.5	30.7	





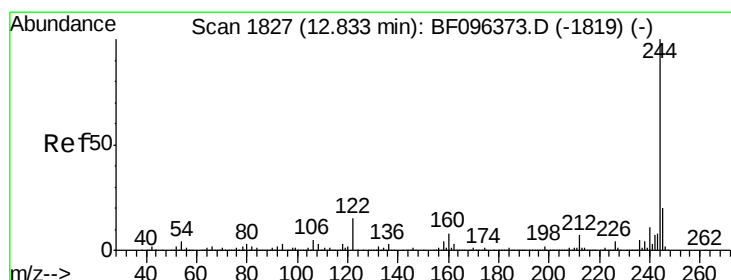
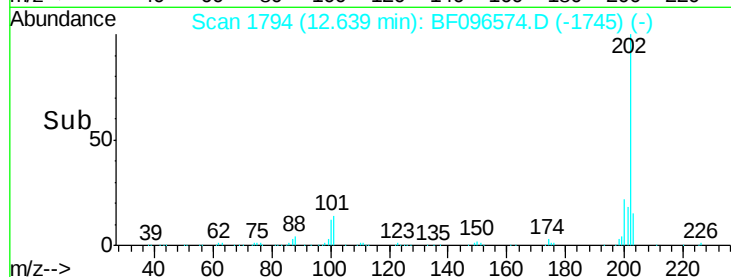
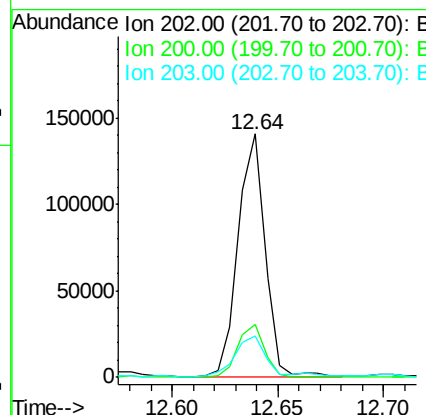
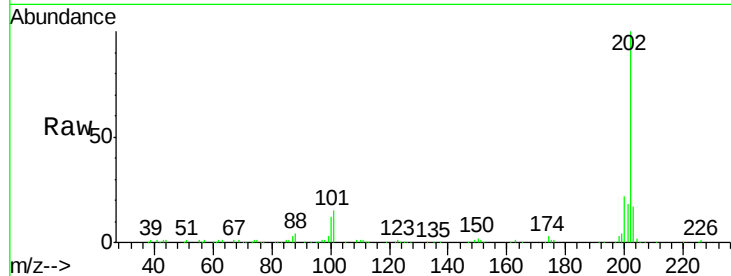
#77
Pyrene
Concen: 6.877 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	17.6	26.4
203	17.1	14.4	21.6

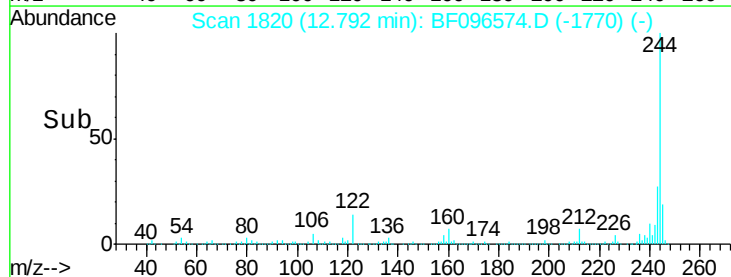
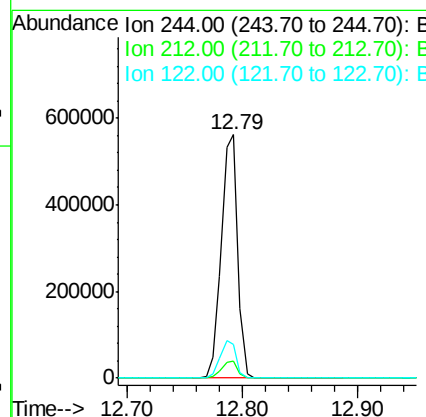
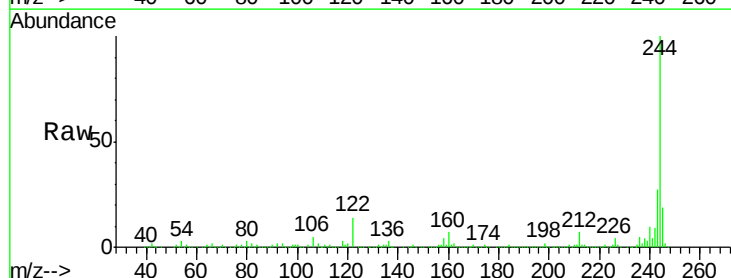
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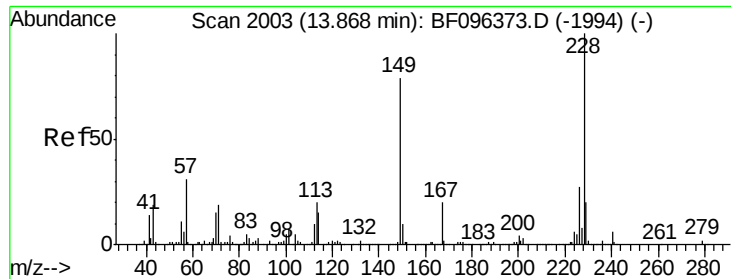
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#78
Terphenyl-d14
Concen: 52.208 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5





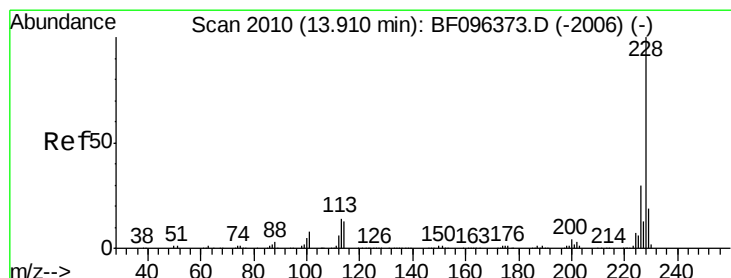
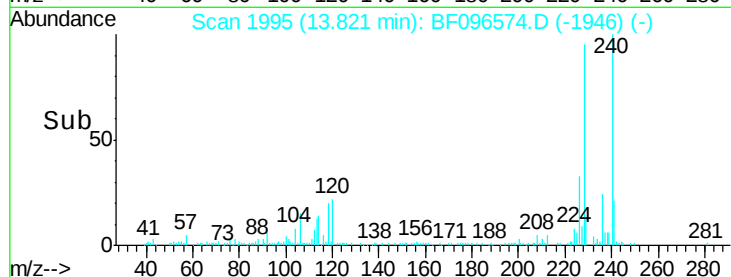
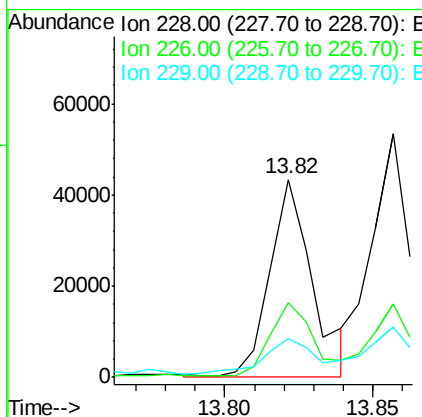
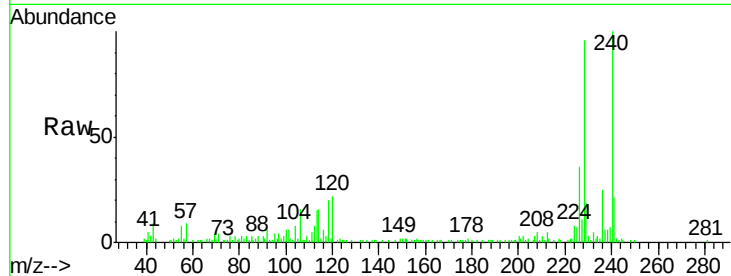
#80
Benzo(a)anthracene
Concen: 3.326 ng m
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.8	22.6	33.8#
229	19.4	16.3	24.5

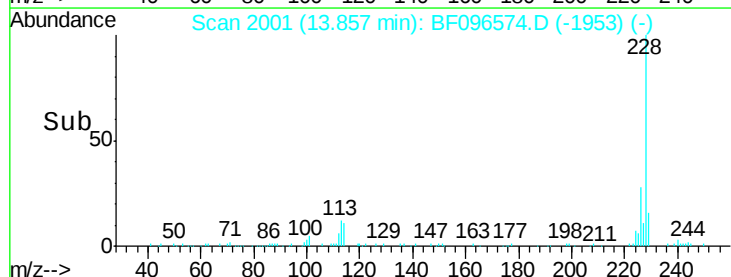
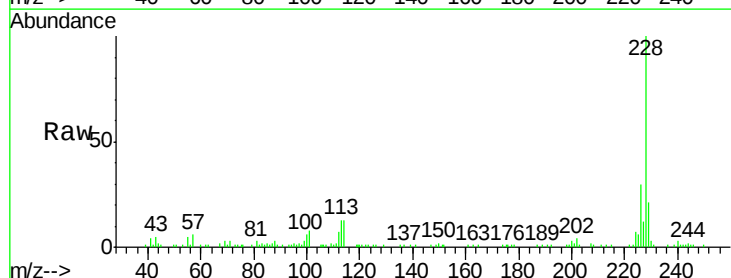
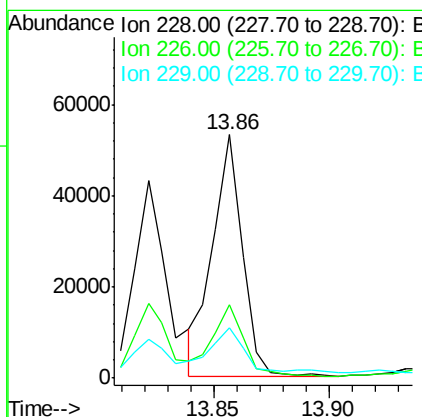
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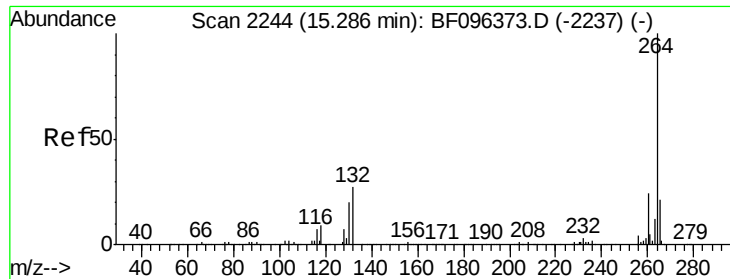
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#82
Chrysene
Concen: 3.481 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.7	15.8	23.6





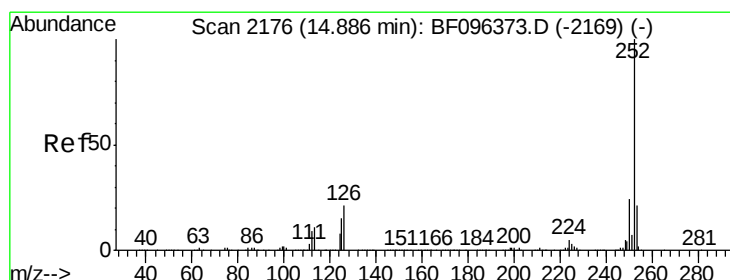
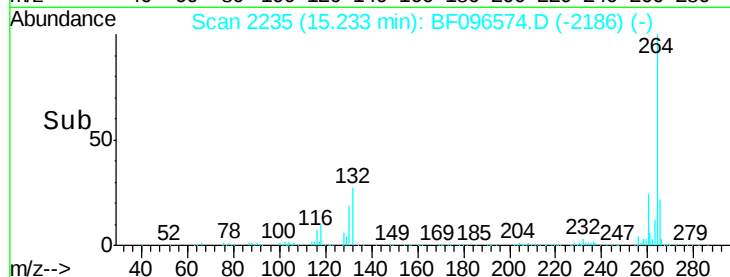
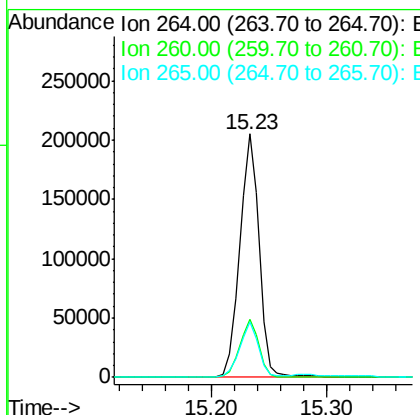
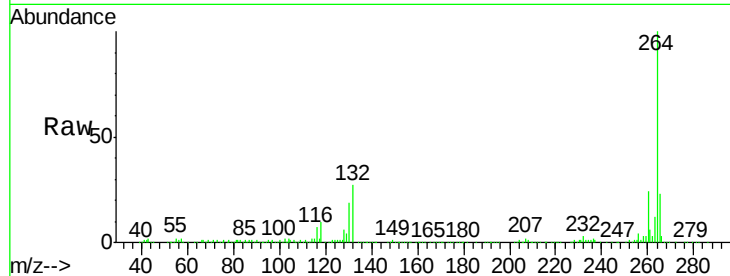
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	238281		
260	23.8	19.5	29.3	
265	22.5	17.2	25.8	

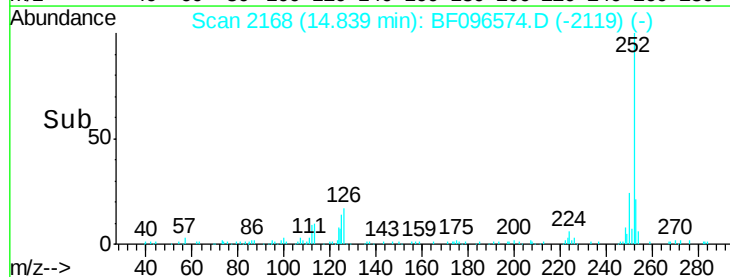
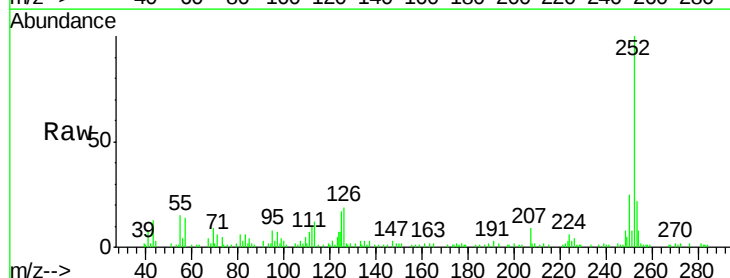
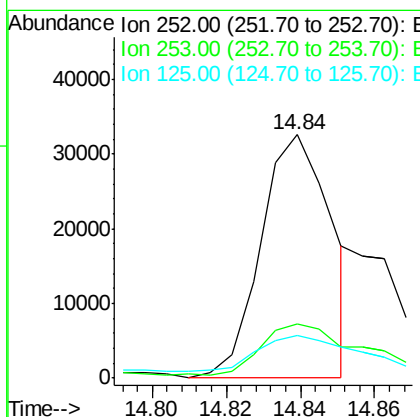
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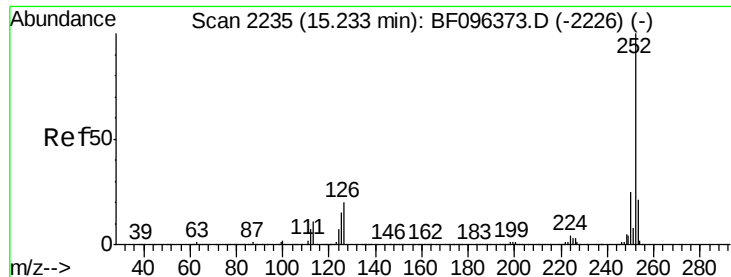
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#87
Benzo(b)fluoranthene
Concen: 2.884 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	43056		
253	22.3	18.1	27.1	
125	17.4	9.8	14.8#	





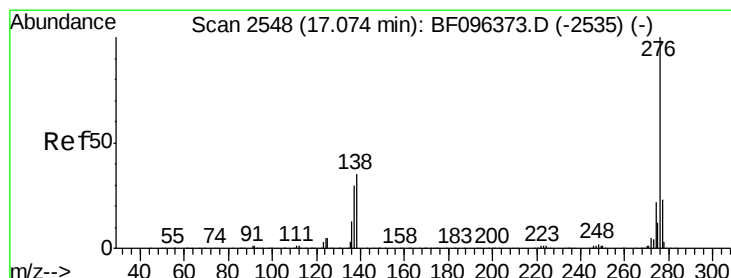
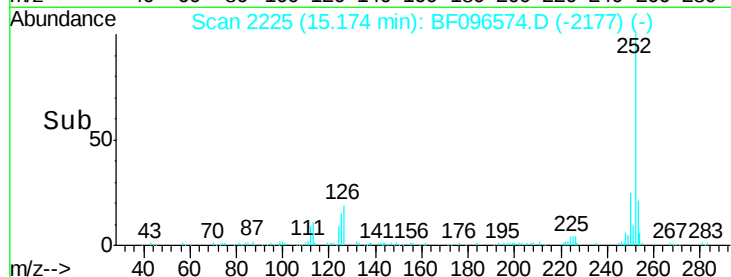
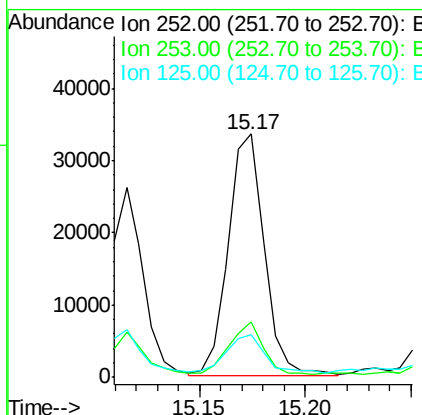
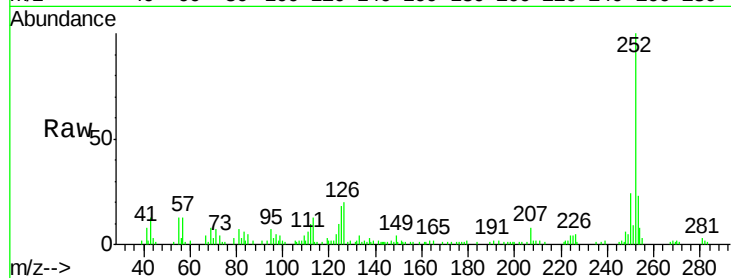
#89
Benzo(a)pyrene
Concen: 2.980 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.7	17.5	26.3
125	17.7	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.136 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF096574.D
Acq: 7 Jul 2017 22:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	26.4	18.6	28.0
138	40.4	25.4	38.0

