

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096579.D
 Acq On : 8 Jul 2017 00:36
 Operator : SJ/MA
 Sample : I4072-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 7/10/2017 2:23:00 PM

Quant Time: Jul 08 01:43:42 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	6.70	152	119061	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	459962	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	173928	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	251899	20.00	ng	0.00
75) Chrysene-d12	13.84	240	219760	20.00	ng	0.00
86) Perylene-d12	15.24	264	156107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	814596	100.98	ng	0.00
7) Phenol-d6	6.34	99	982853	99.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	564701	73.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	149594	110.11	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	879488	86.46	ng	0.00
78) Terphenyl-d14	12.79	244	637201	61.96	ng	0.00
Target Compounds						
10) Phenol	6.35	94	32400	2.868	ng	Qvalue 89
49) Dimethylphthalate	9.45	163	118290	9.111	ng	99
70) Phenanthrene	11.23	178	46028	3.380	ng	97
74) Fluoranthene	12.42	202	93979	7.039	ng	100
77) Pyrene	12.64	202	112636	6.385	ng	98
80) Benzo(a)anthracene	13.83	228	48978	3.849	ng	# 88
82) Chrysene	13.86	228	61426m	4.609	ng	
85) Indeno(1,2,3-cd)pyrene	16.59	276	22555	2.144	ng	# 93
87) Benzo(b)fluoranthene	14.85	252	55466m	5.670	ng	
88) Benzo(k)fluoranthene	14.87	252	20397m	2.331	ng	
89) Benzo(a)pyrene	15.19	252	43038	4.928	ng	# 85
91) Benzo(g,h,i)perylene	17.00	276	25073	3.522	ng	# 89

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

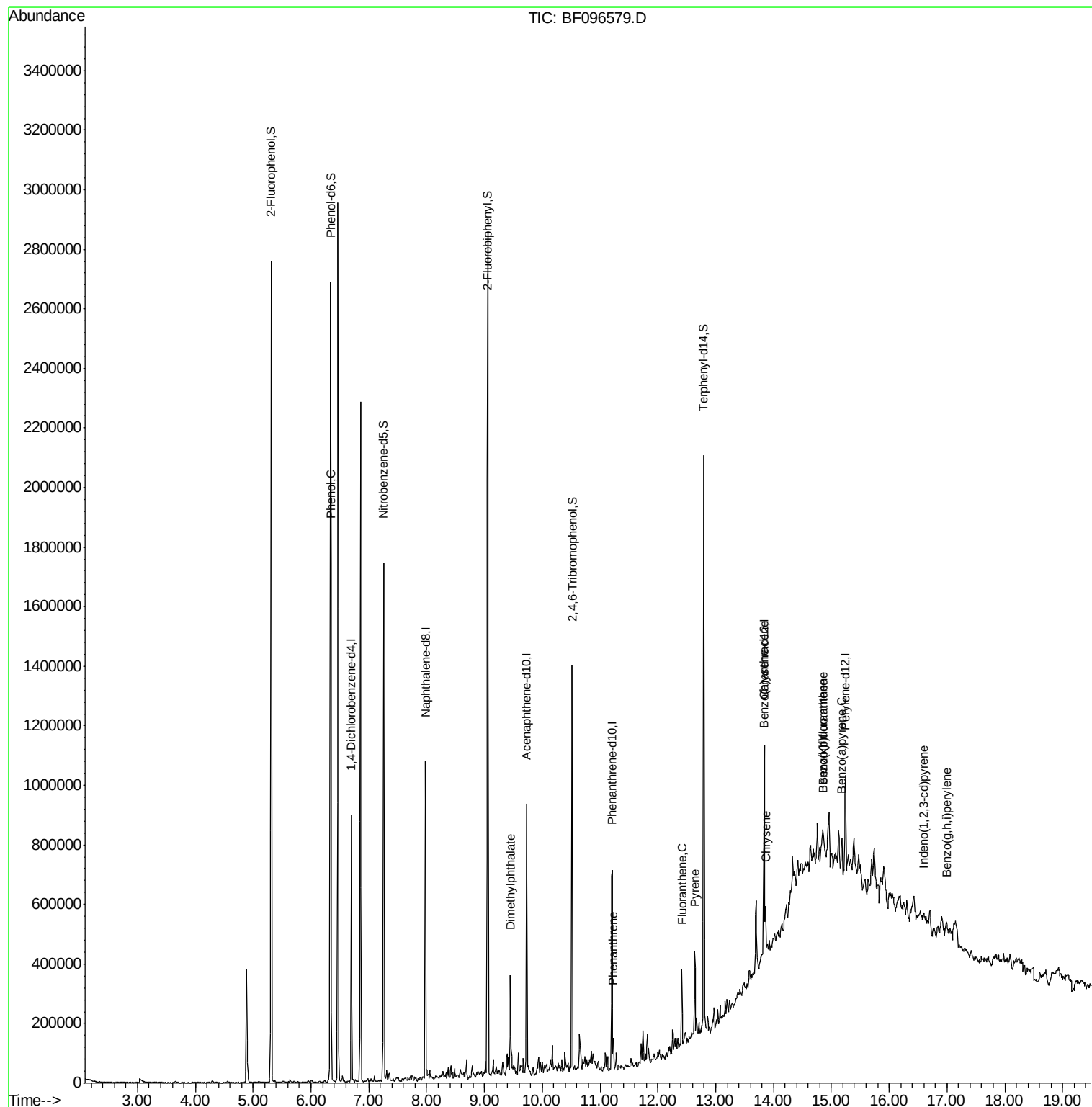
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096579.D
Acq On : 8 Jul 2017 00:36
Operator : SJ/MA
Sample : I4072-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

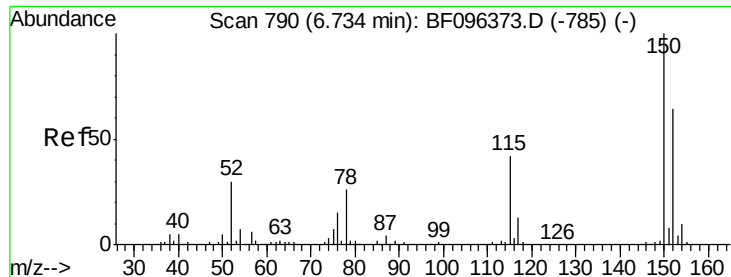
Instrument :
BNA_F
ClientSampleId :
TR-05-070517-A

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#1

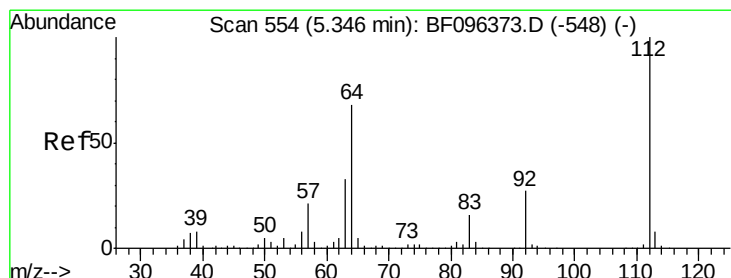
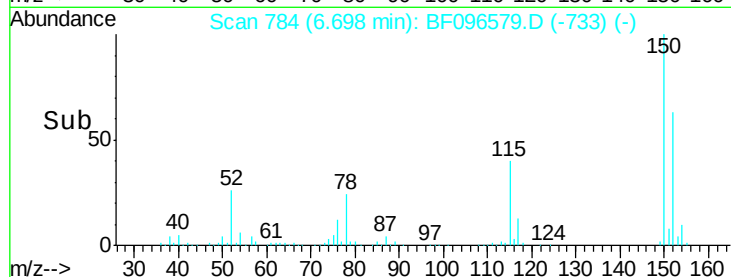
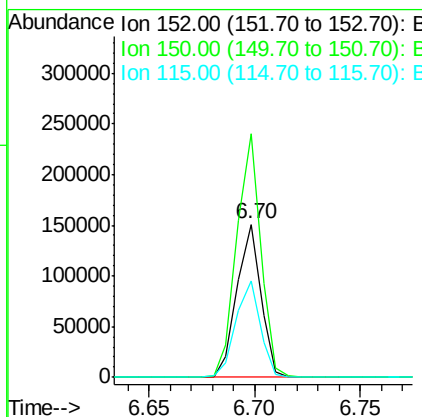
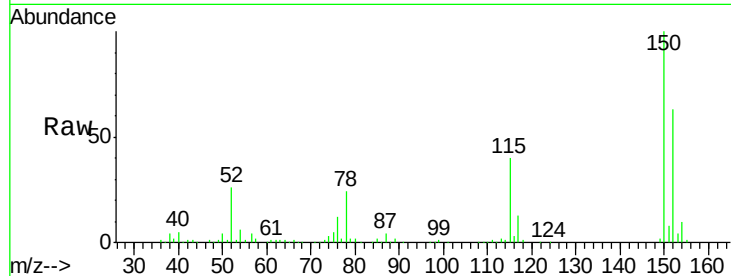
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	63.3	52.2	78.2

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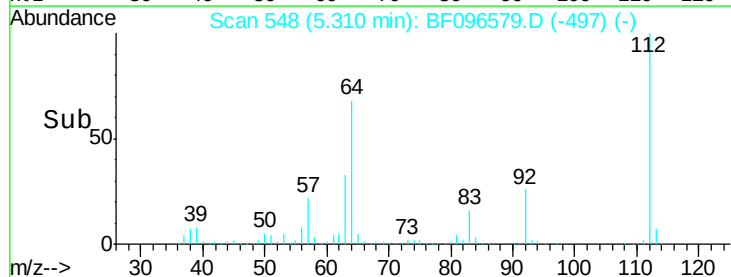
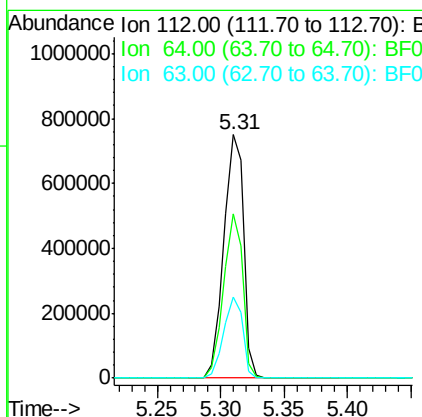
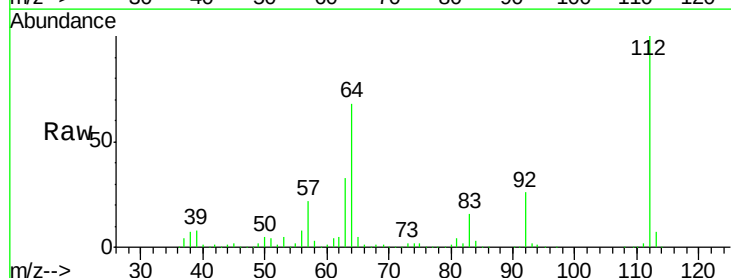
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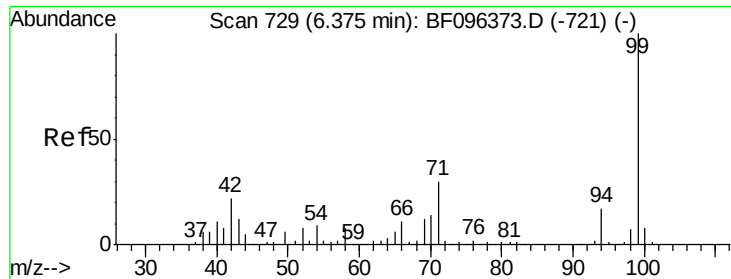


#5

2-Fluorophenol
Concen: 100.983 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.0	69.0
63	33.4	23.4	35.0





#7

Phenol-d6

Concen: 99.109 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096579.D

Acq: 8 Jul 2017 00:36

Instrument :

BNA_F

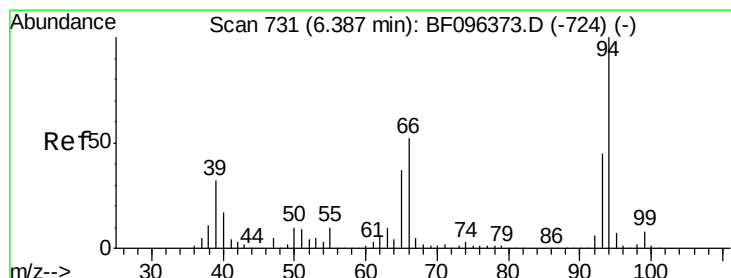
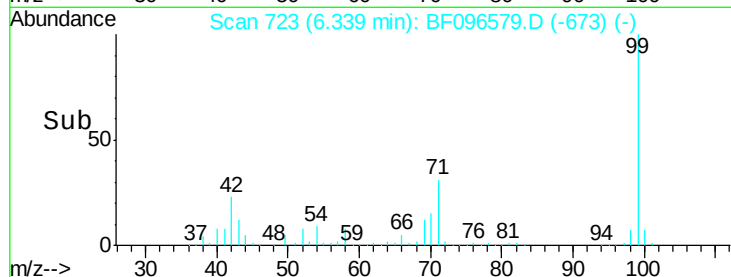
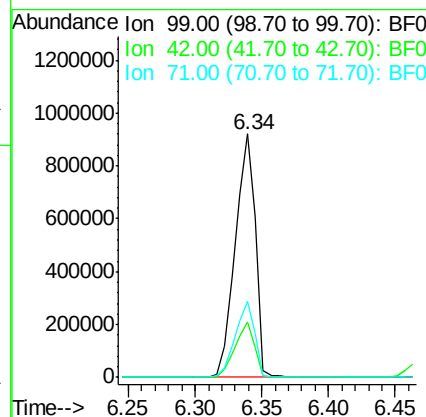
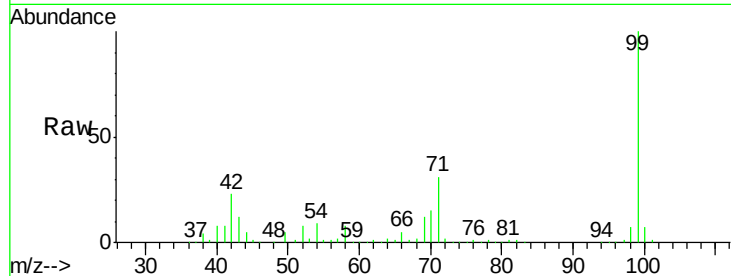
ClientSampleId :

TR-05-070517-A

Tgt Ion:	99	Resp:	982853
Ion Ratio	Lower	Upper	
99	100		
42	22.8	13.5	20.3#
71	31.1	24.5	36.7

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#10

Phenol

Concen: 2.868 ng

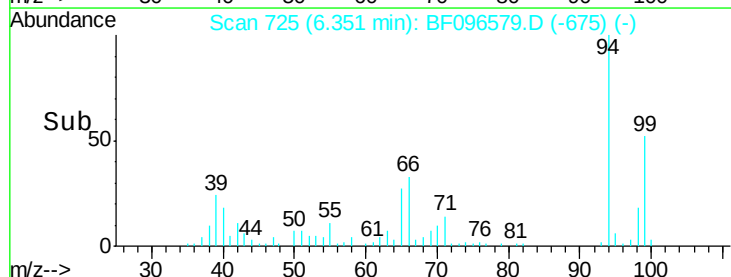
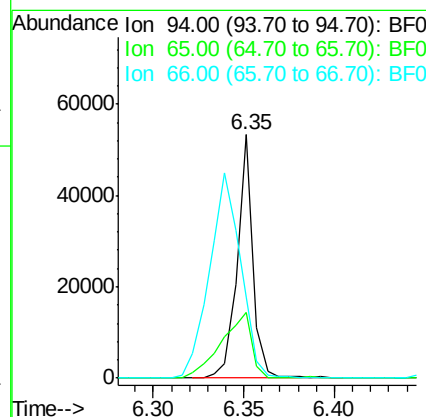
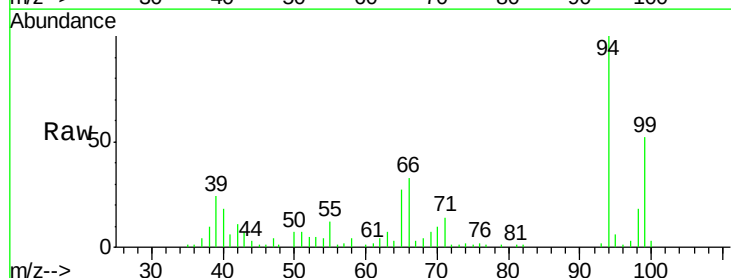
RT: 6.35 min Scan# 725

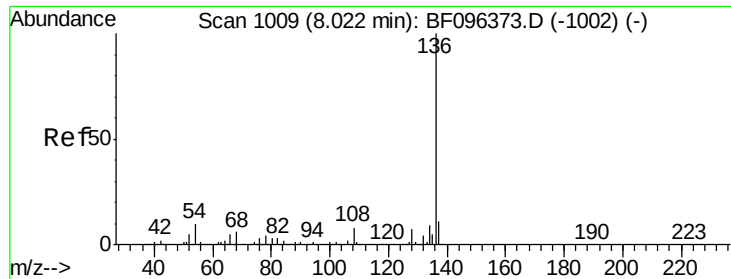
Delta R.T. -0.01 min

Lab File: BF096579.D

Acq: 8 Jul 2017 00:36

Tgt Ion:	94	Resp:	32400
Ion Ratio	Lower	Upper	
94	100		
65	27.1	9.9	49.9
66	33.4	23.1	63.1





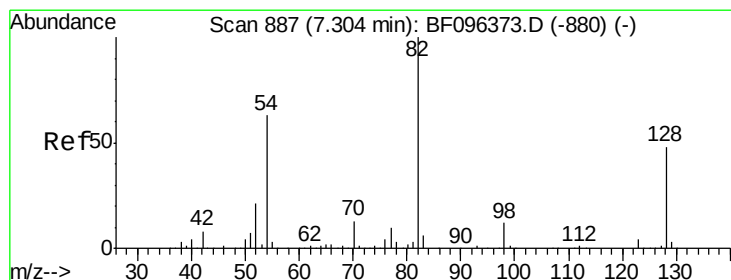
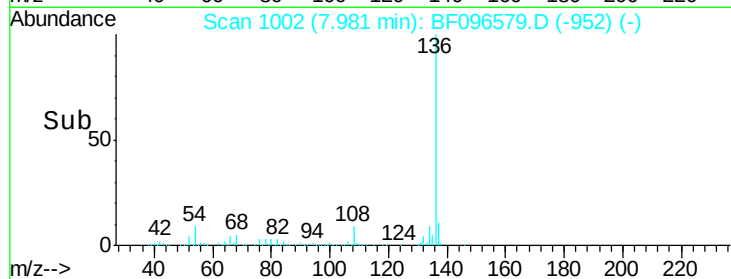
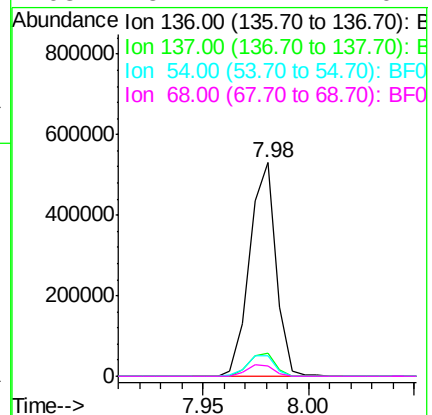
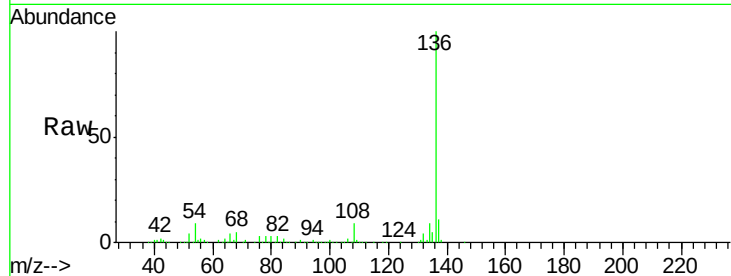
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	459962		
137	10.7	8.5	12.7	
54	9.3	4.9	7.3#	
68	5.1	4.1	6.1	

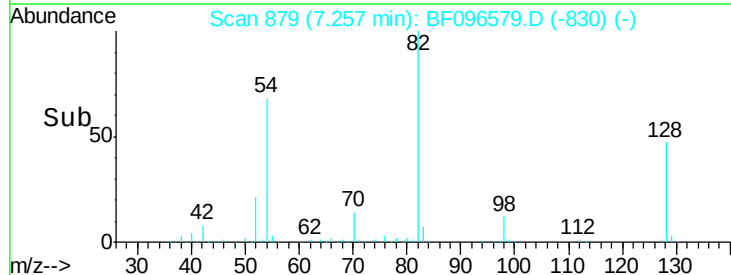
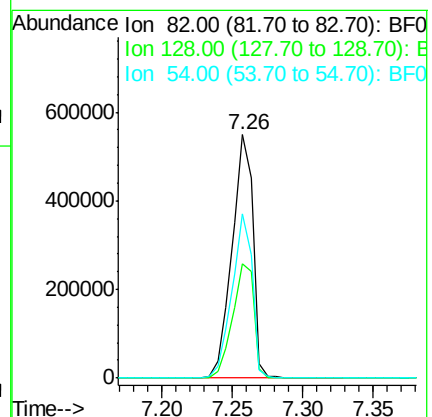
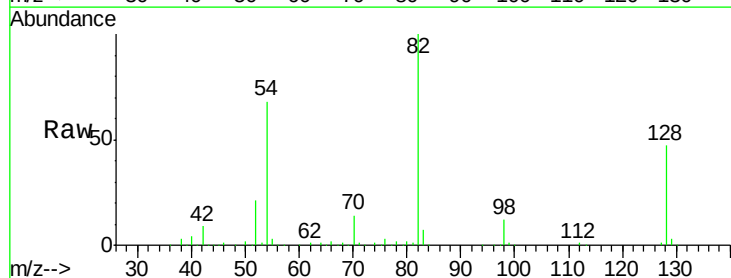
Manual Integrations
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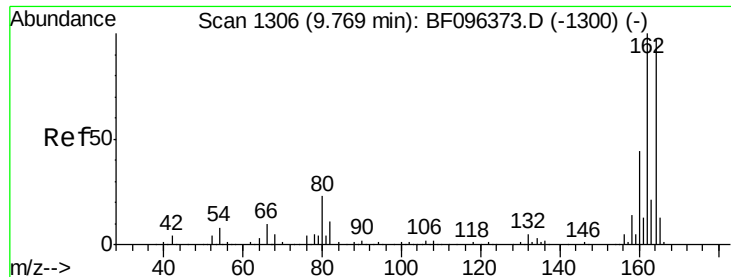
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#23
Nitrobenzene-d5
Concen: 73.774 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	564701		
128	47.2	34.0	51.0	
54	67.7	42.2	63.2#	





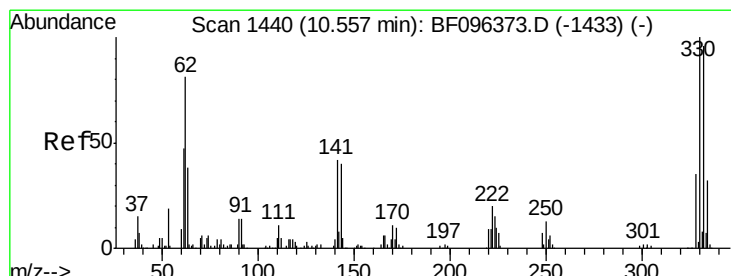
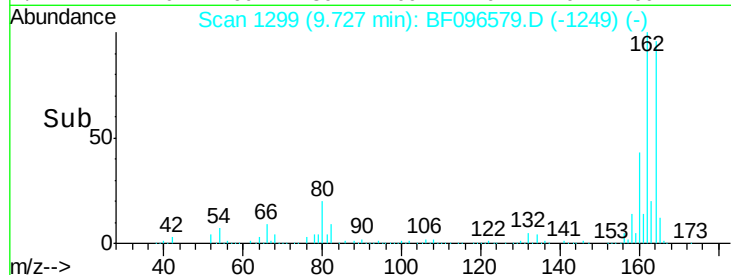
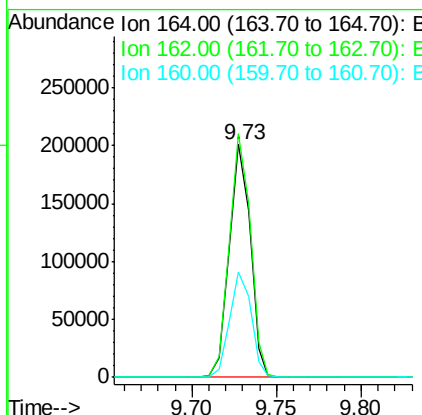
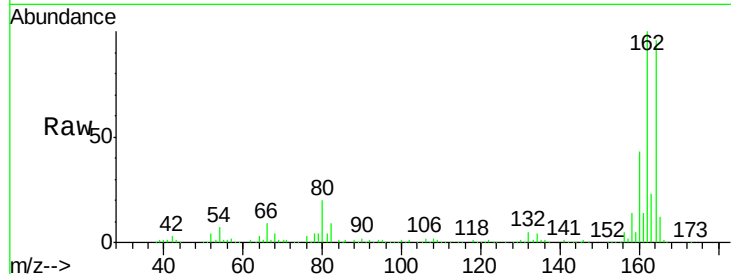
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096579.D
 Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173928		
162	104.4	82.6	123.8	
160	45.1	36.2	54.2	

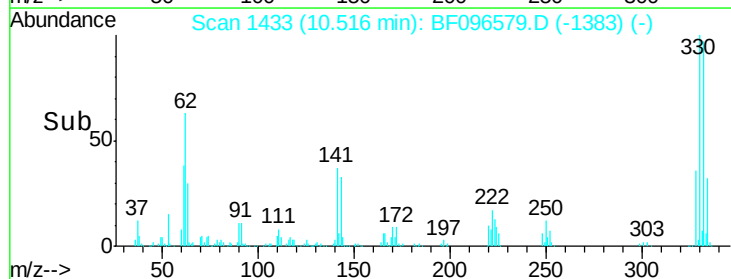
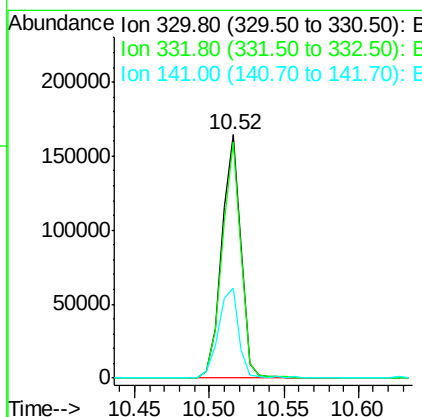
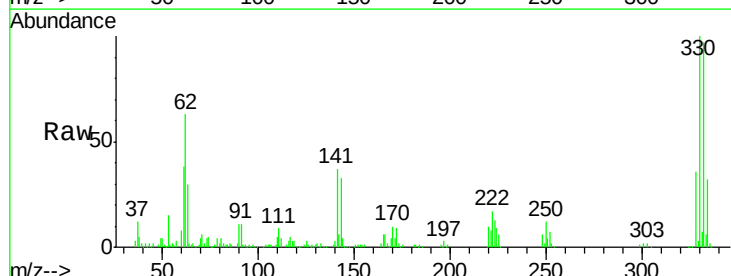
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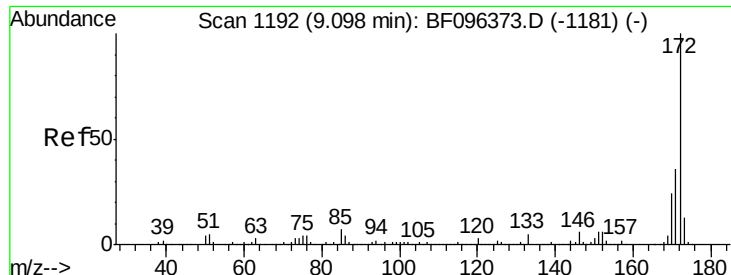
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#41
 2,4,6-Tribromophenol
 Concen: 110.110 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096579.D
 Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	149594		
332	95.5	76.6	115.0	
141	40.0	31.4	47.2	





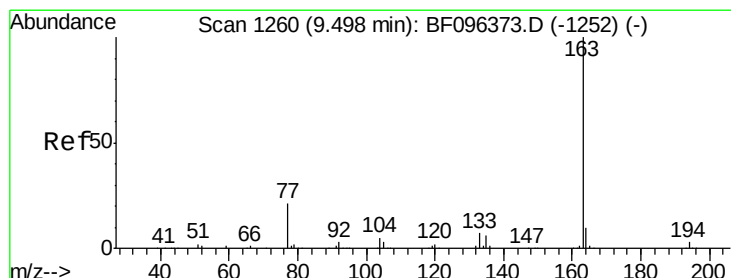
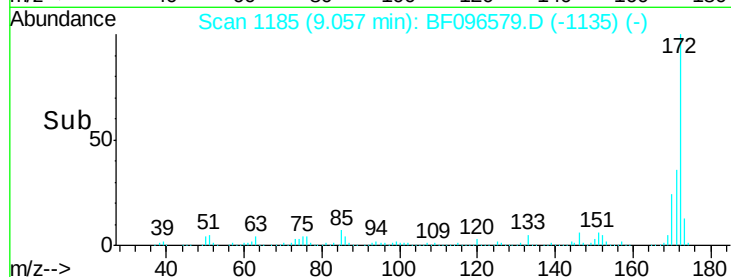
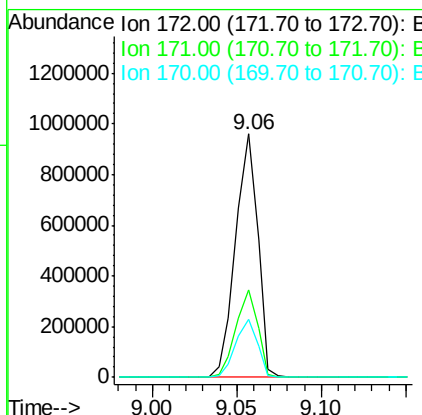
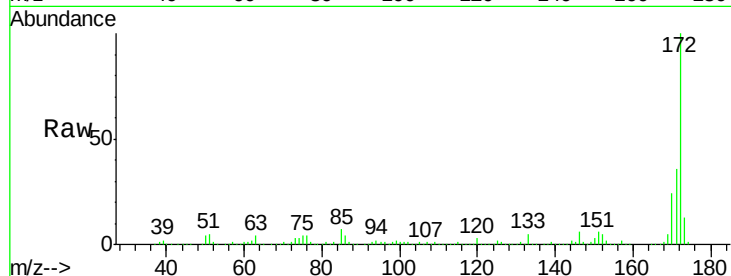
#44
2-Fluorobiphenyl
Concen: 86.457 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	879488		
171	36.2		29.6	44.4
170	23.8		19.8	29.8

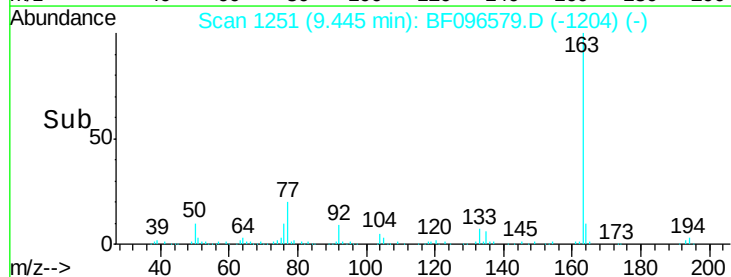
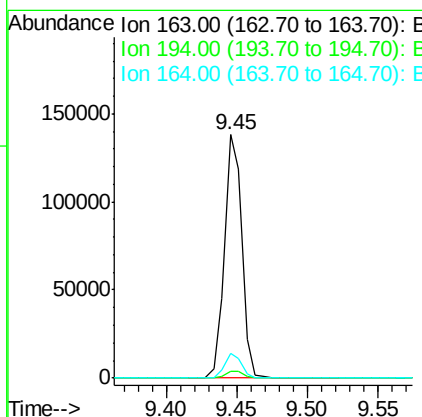
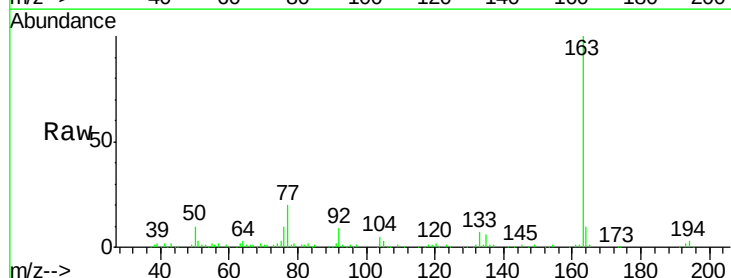
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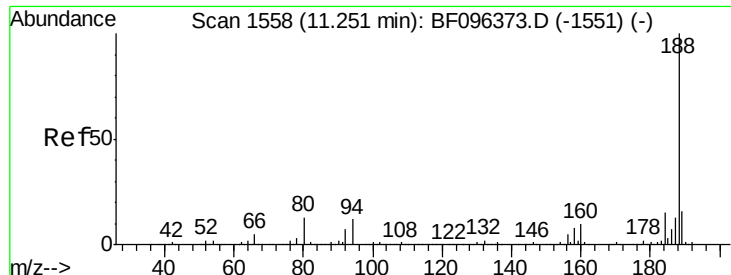
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#49
Dimethylphthalate
Concen: 9.111 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118290		
194	3.1		2.6	4.0
164	10.3		8.4	12.6





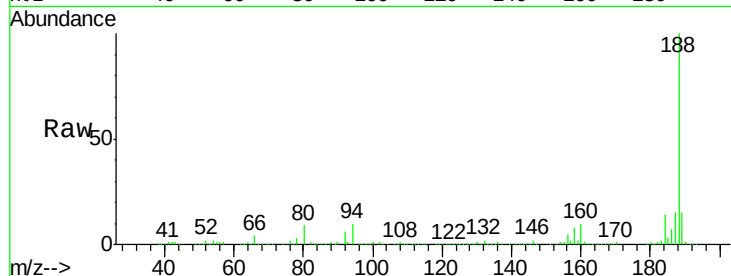
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

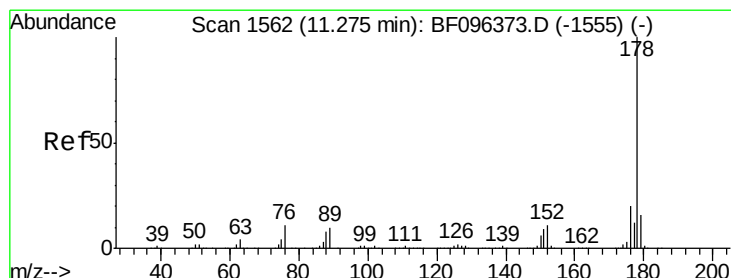
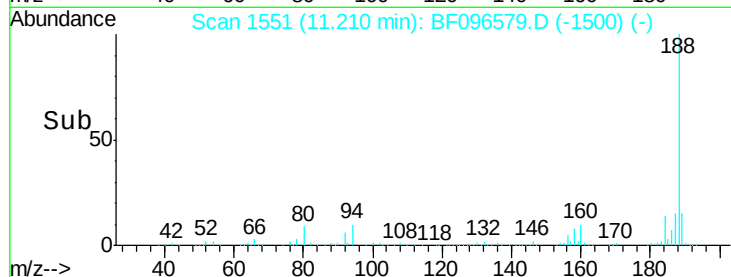
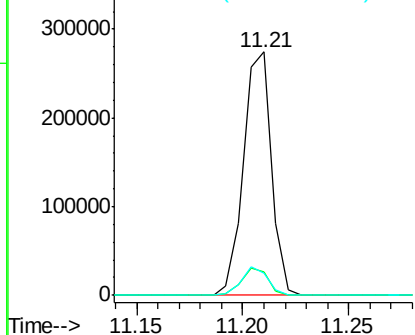
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	9.4	14.2
80	9.2	10.2	15.2#

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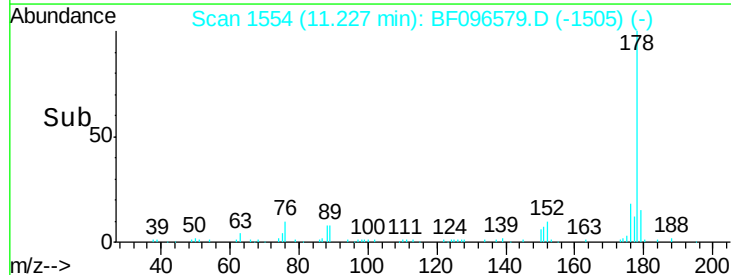
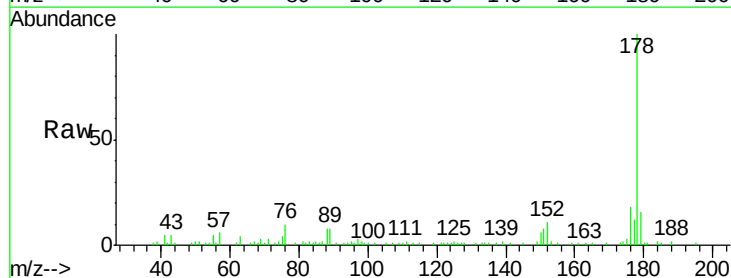
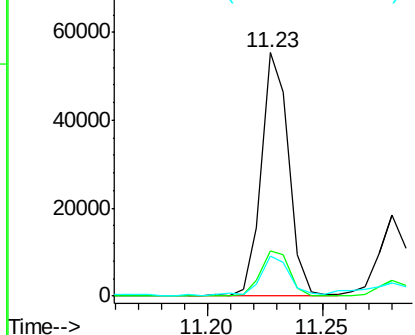
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

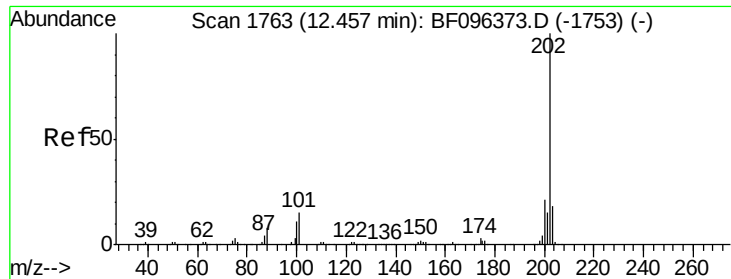


#70
Phenanthrene
Concen: 3.380 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.4	16.2	24.4
179	16.4	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





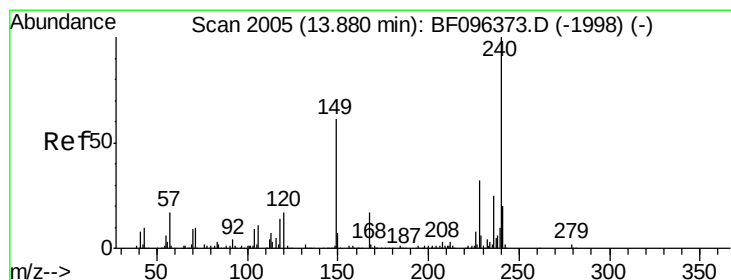
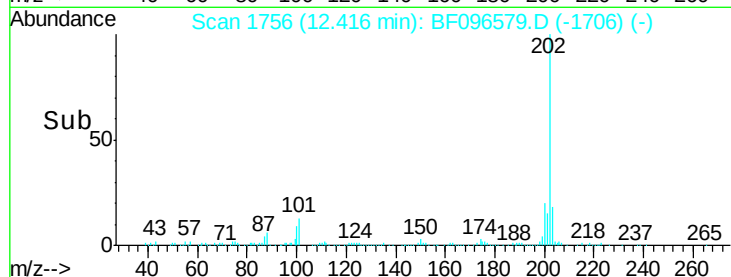
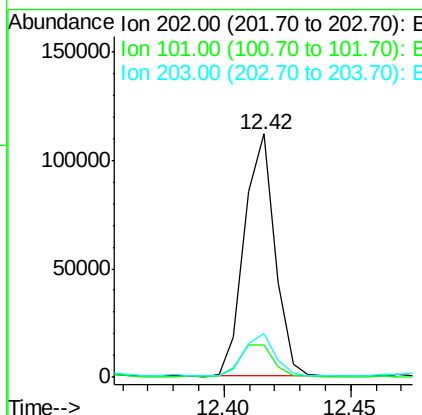
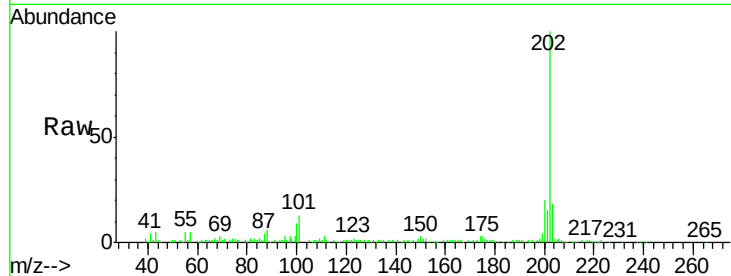
#74
 Fluoranthene
 Concen: 7.039 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF096579.D
 Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	0.0	33.2
203	18.3	0.0	38.1

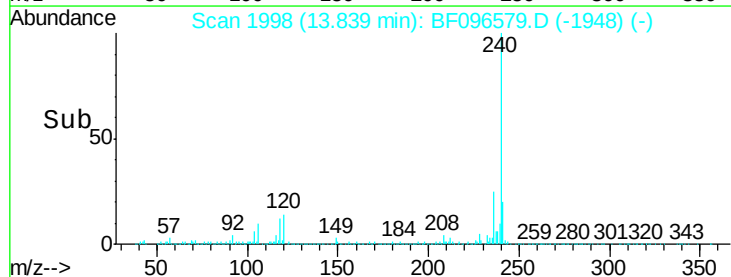
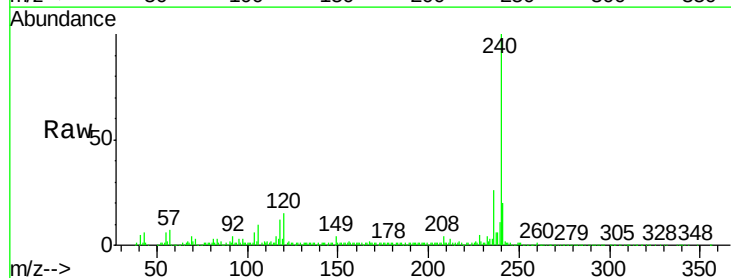
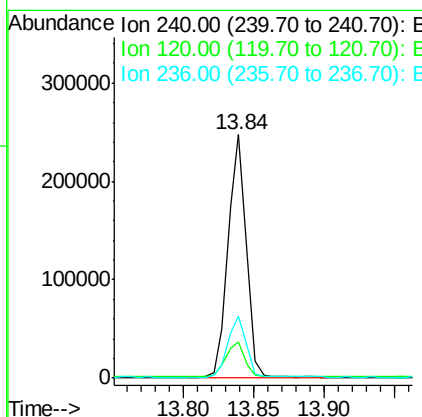
Manual Integrations
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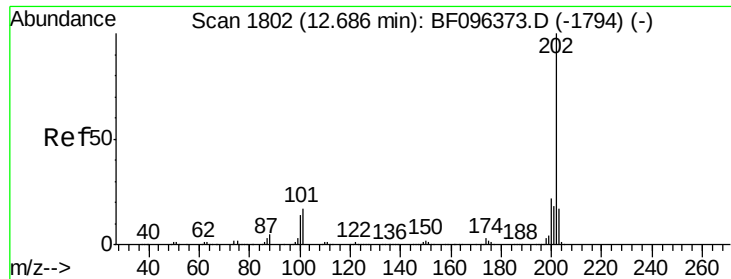
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF096579.D
 Acq: 8 Jul 2017 00:36

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





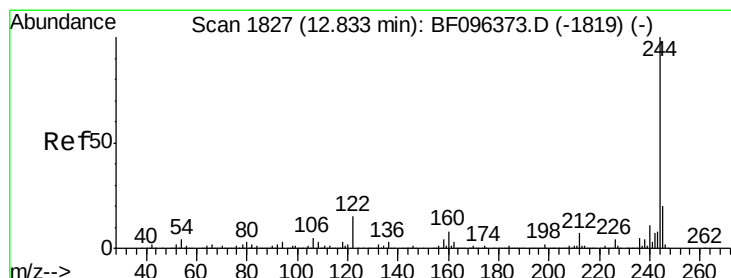
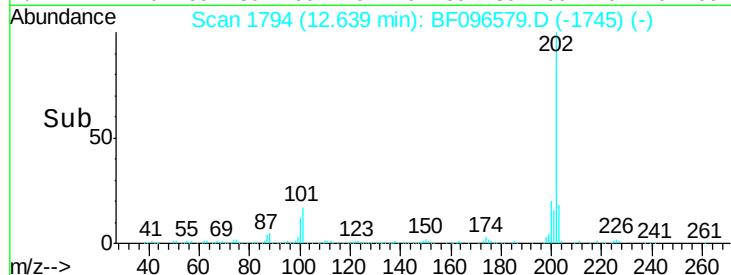
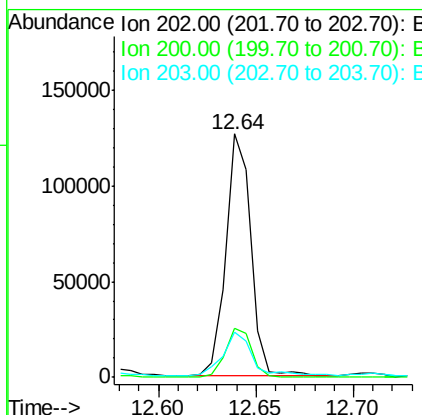
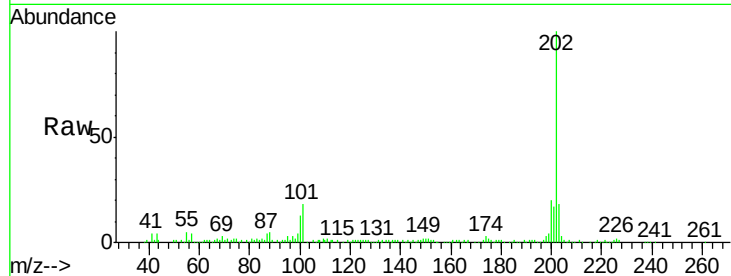
#77
 Pyrene
 Concen: 6.385 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BF096579.D
 Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	17.6	26.4
203	18.5	14.4	21.6

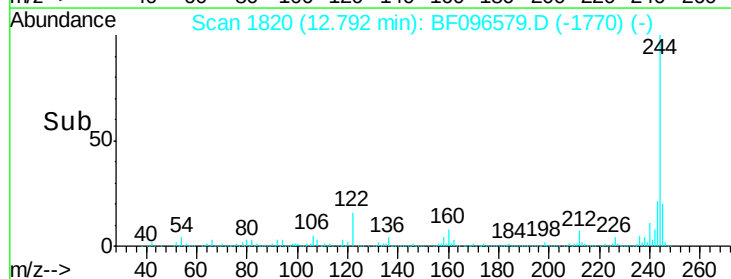
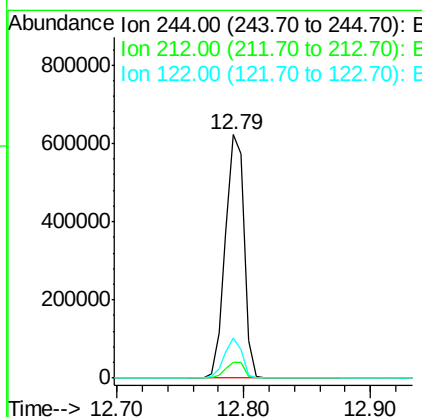
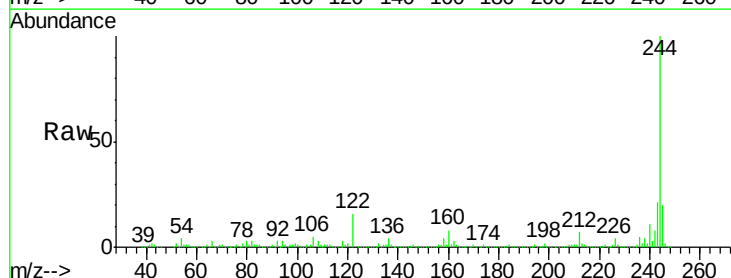
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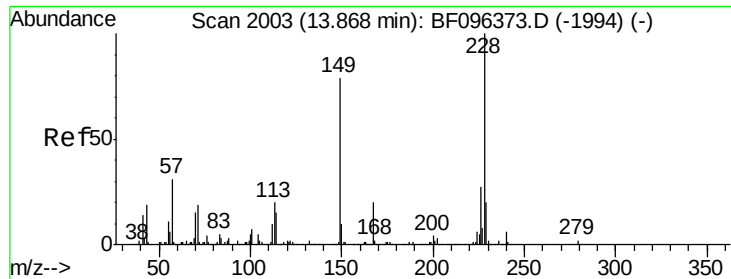
mohammad
 7/10/2017 2:23:00 PM



#78
 Terphenyl-d14
 Concen: 61.958 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096579.D
 Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.0	9.0
122	16.4	10.3	15.5





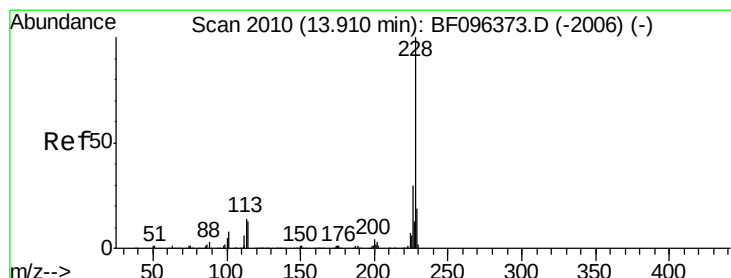
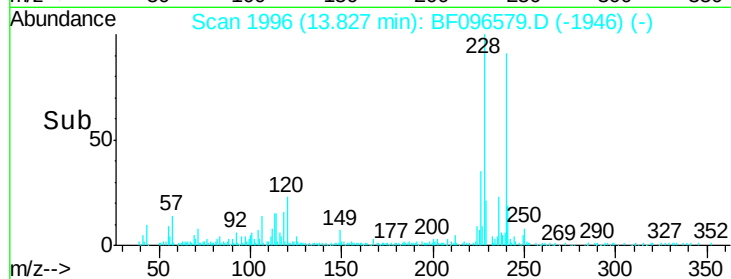
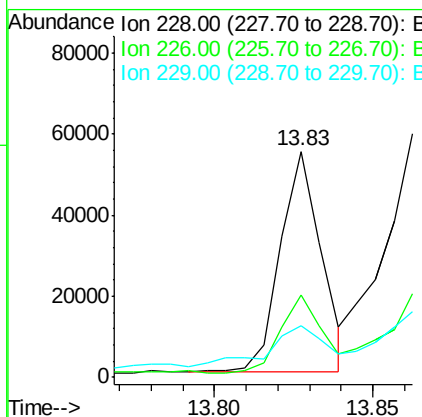
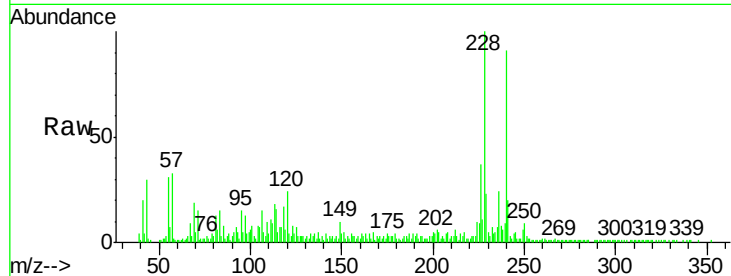
#80
Benzo(a)anthracene
Concen: 3.849 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	22.6	33.8#
229	23.1	16.3	24.5

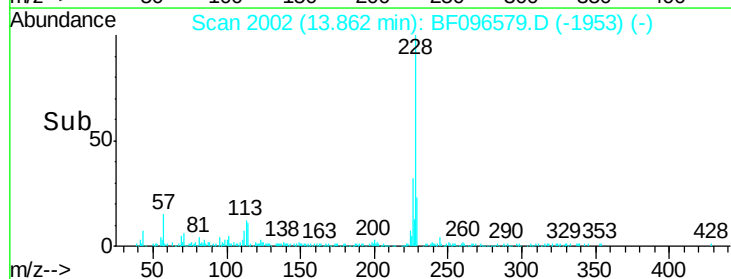
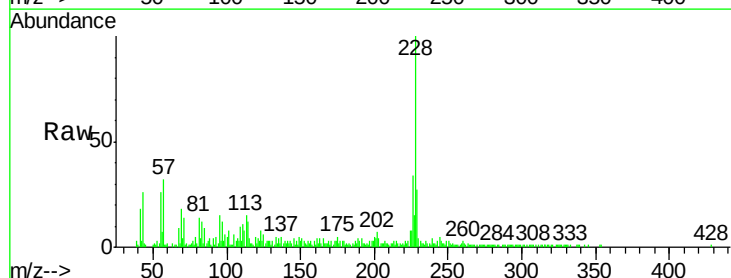
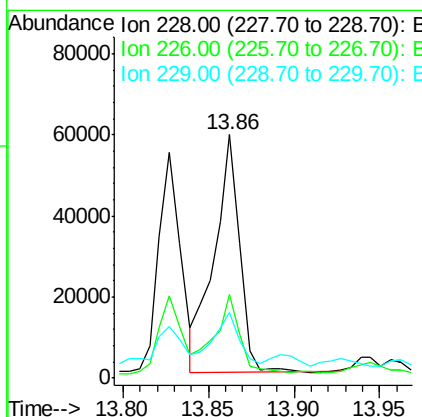
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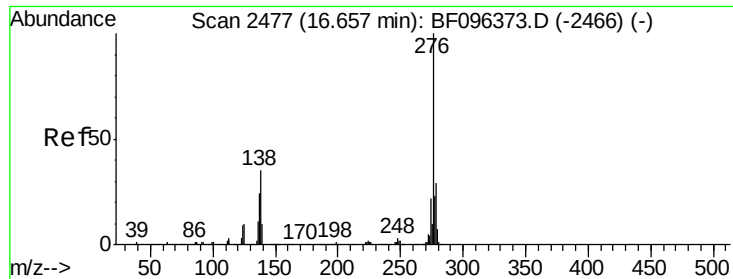
mohammad
7/10/2017 2:23:00 PM



#82
Chrysene
Concen: 4.609 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.9	37.3
229	27.0	15.8	23.6#





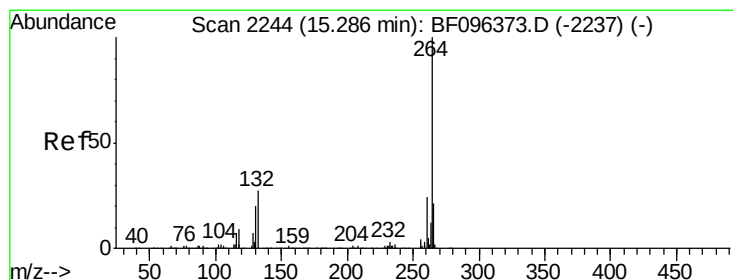
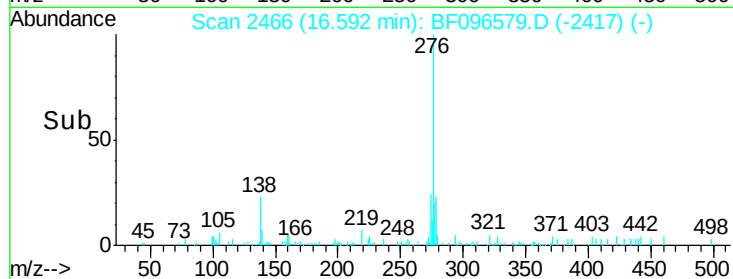
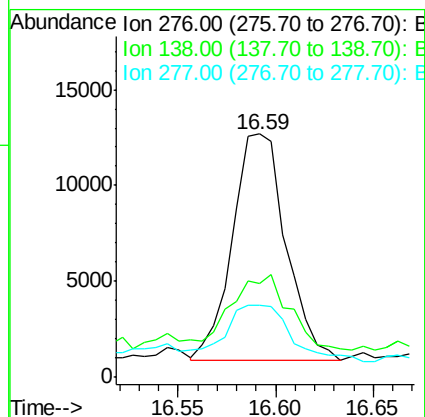
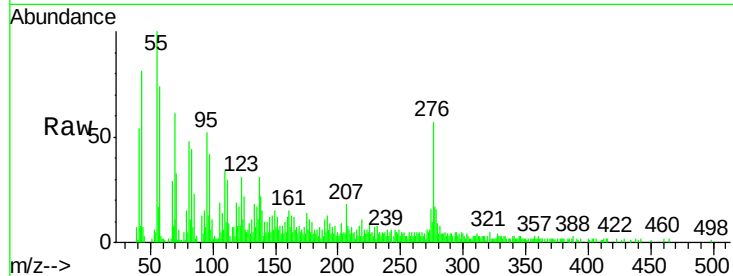
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.144 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.0	27.8	41.6
277	30.7	20.2	30.4

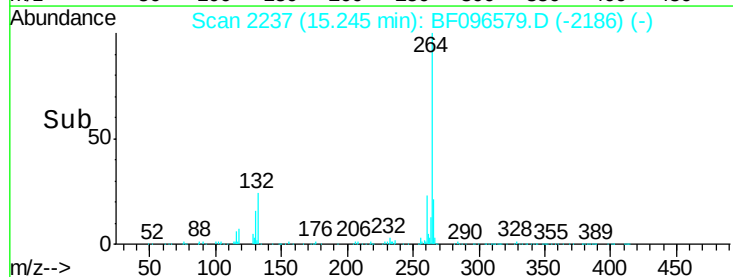
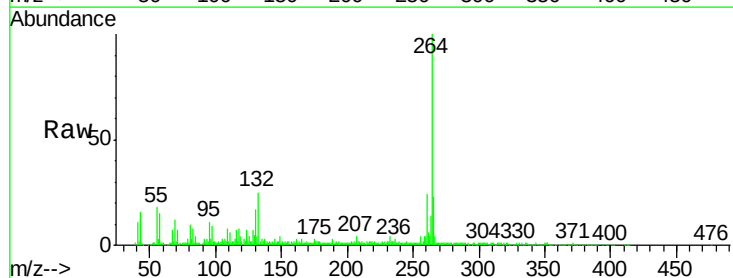
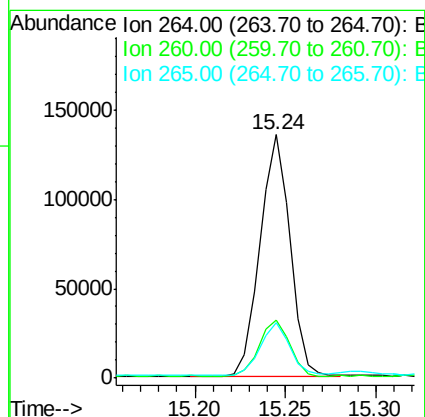
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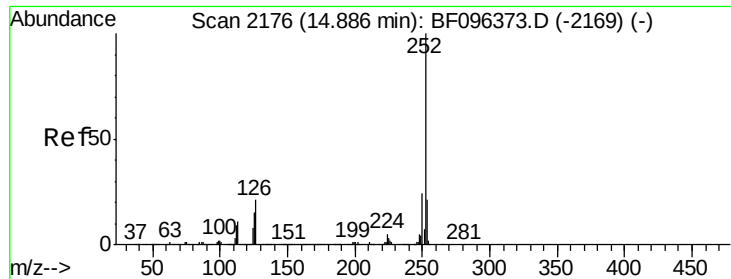
mohammad
7/10/2017 2:23:00 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.670 ng m

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF096579.D

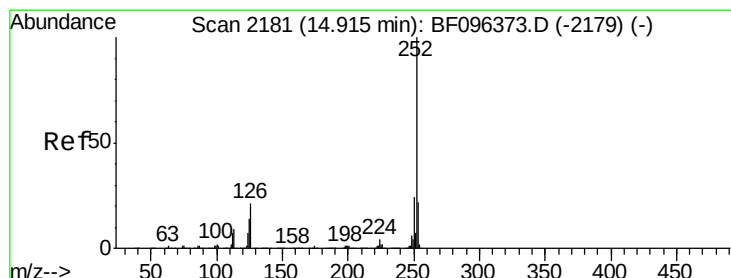
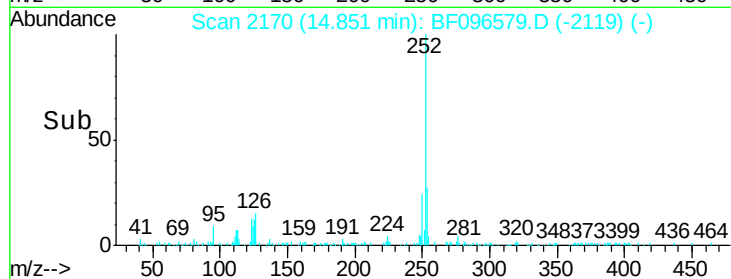
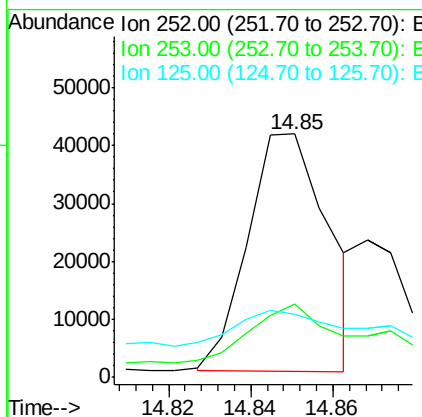
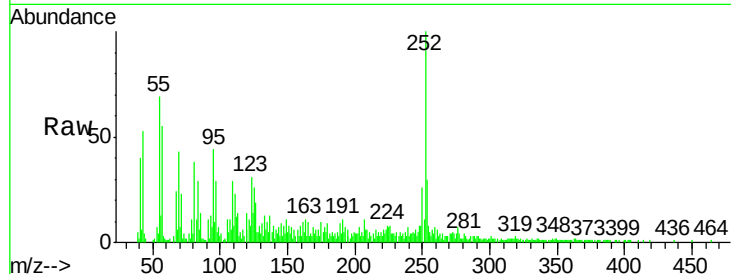
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.1	27.1#
125	26.1	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.331 ng m

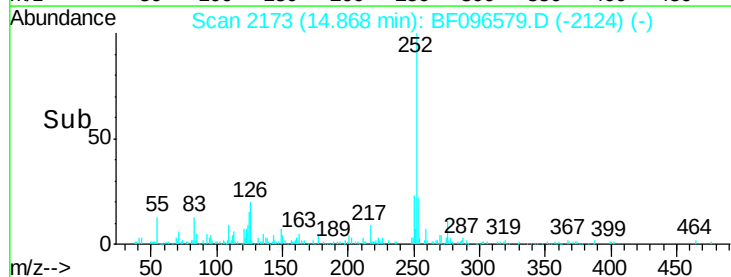
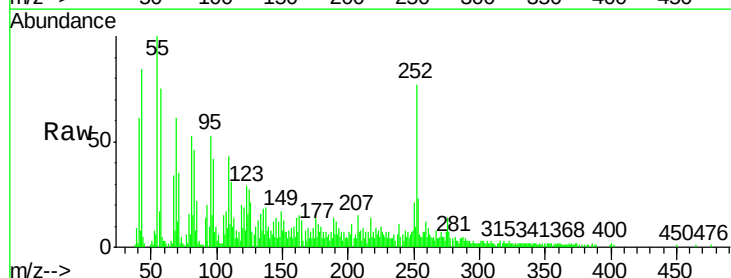
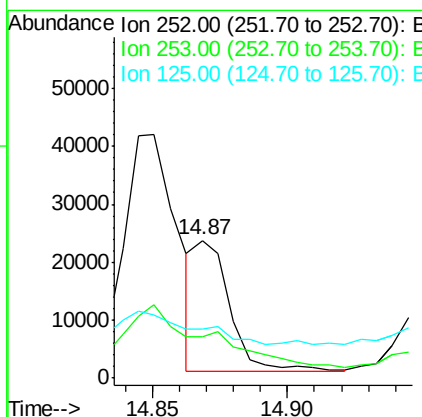
RT: 14.87 min Scan# 2173

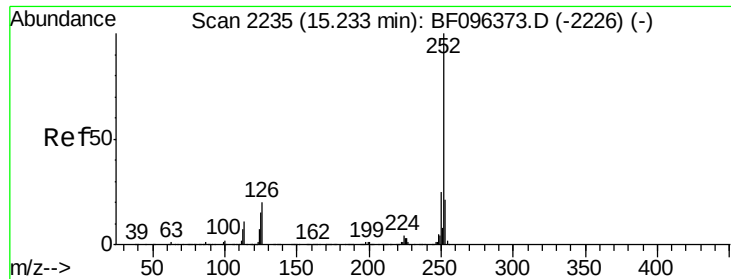
Delta R.T. -0.01 min

Lab File: BF096579.D

Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.4	27.6#
125	35.7	13.1	19.7#





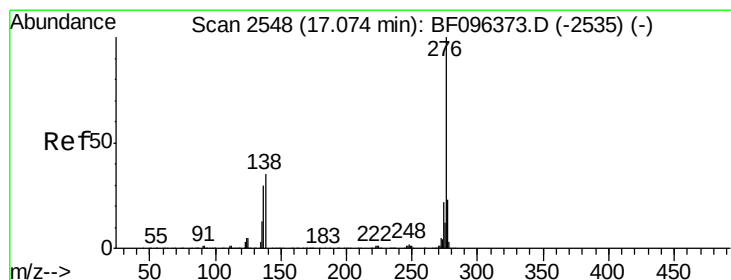
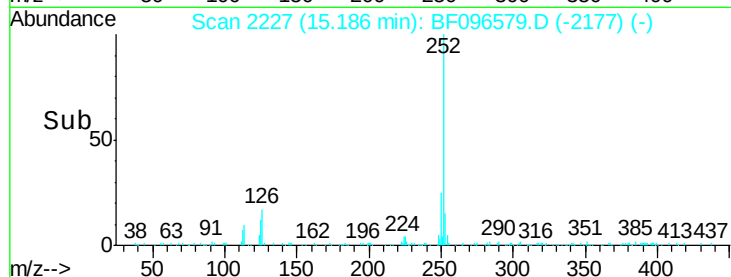
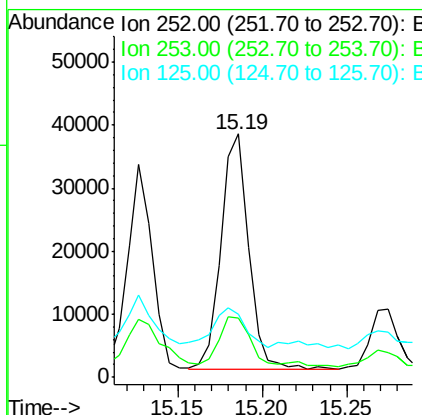
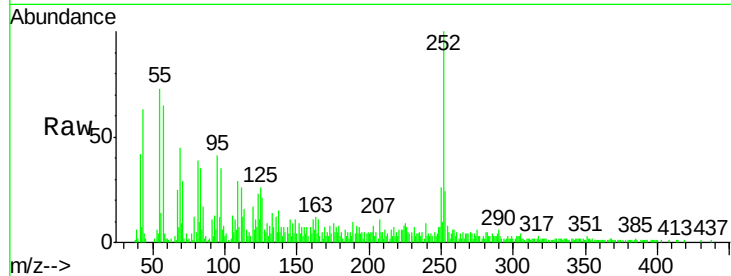
#89
Benzo(a)pyrene
Concen: 4.928 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	26.0	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 3.522 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF096579.D
Acq: 8 Jul 2017 00:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.7	18.6	28.0
138	37.5	25.4	38.0

