

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096533.D
 Acq On : 6 Jul 2017 15:14
 Operator : SJ/MA
 Sample : I4036-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50

Manual Integrations
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Quant Time: Jul 06 19:13:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121426	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	505400	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	185135	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	270241	20.00	ng	0.00
75) Chrysene-d12	13.86	240	239617	20.00	ng	0.00
86) Perylene-d12	15.27	264	189954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	804464	97.79	ng	0.01
7) Phenol-d6	6.36	99	1028259	101.67	ng	0.00
23) Nitrobenzene-d5	7.27	82	602295	71.61	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	138377	95.69	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	851894	78.67	ng	0.00
78) Terphenyl-d14	12.82	244	464448	41.42	ng	0.00
Target Compounds						
10) Phenol	6.36	94	36593	3.176	ng	Qvalue # 76
49) Dimethylphthalate	9.47	163	209375	15.150	ng	99
70) Phenanthrene	11.25	178	61217	4.190	ng	97
74) Fluoranthene	12.44	202	103277	7.211	ng	98
77) Pyrene	12.67	202	110380	5.739	ng	98
80) Benzo(a)anthracene	13.85	228	58968	4.250	ng	98
82) Chrysene	13.89	228	55345	3.809	ng	96
87) Benzo(b)fluoranthene	14.87	252	52157m	4.382	ng	
89) Benzo(a)pyrene	15.22	252	42959	4.043	ng	# 92
91) Benzo(g,h,i)perylene	17.04	276	21205	2.448	ng	94

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

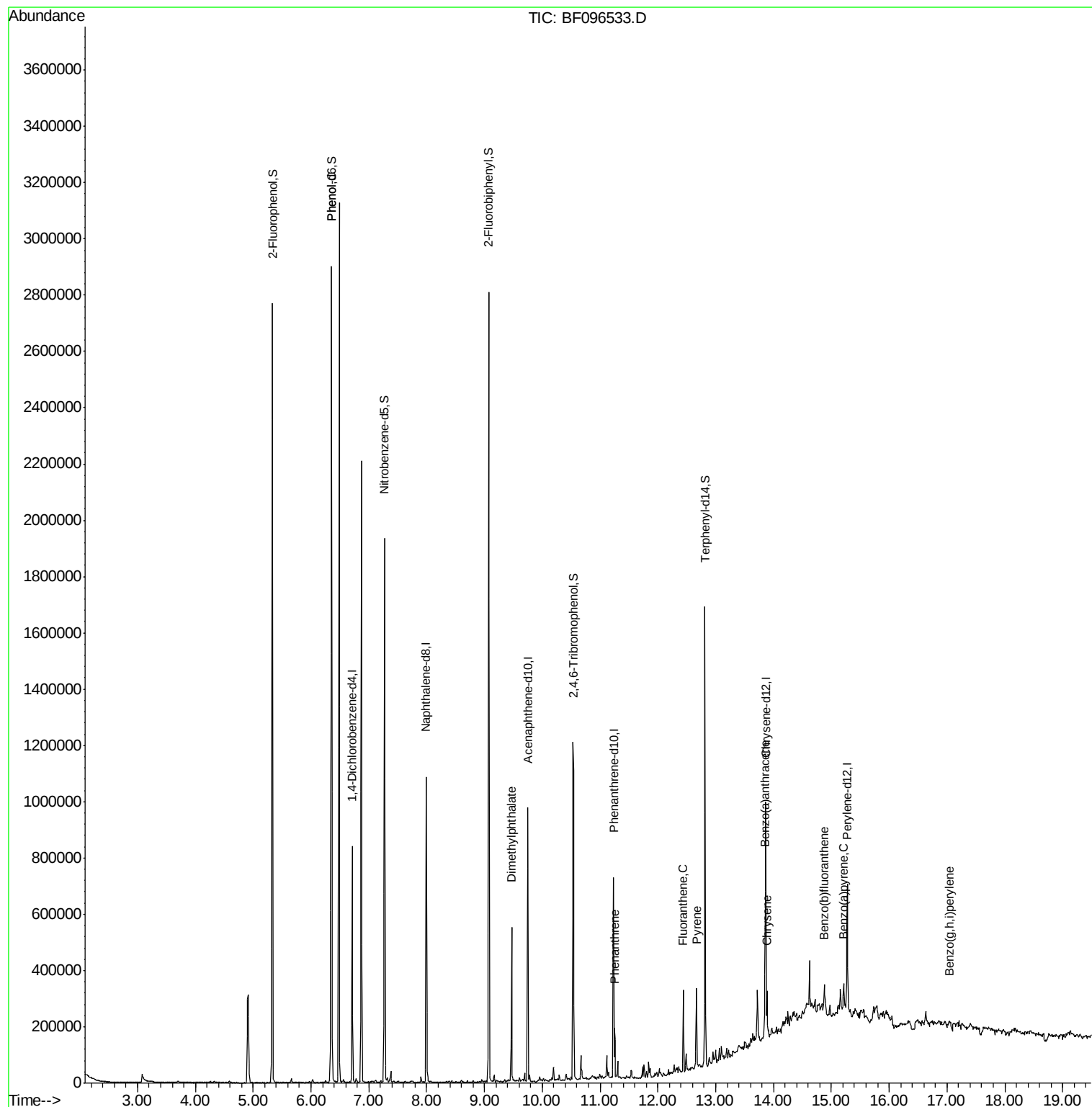
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096533.D
Acq On : 6 Jul 2017 15:14
Operator : SJ/MA
Sample : I4036-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

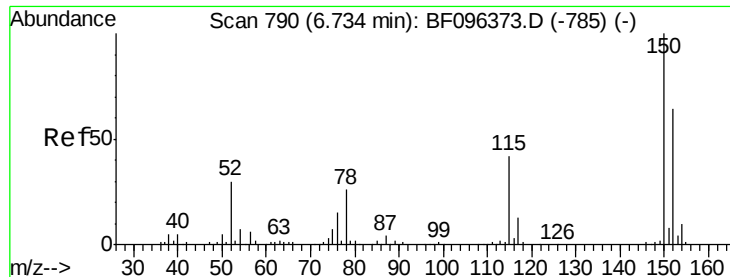
Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

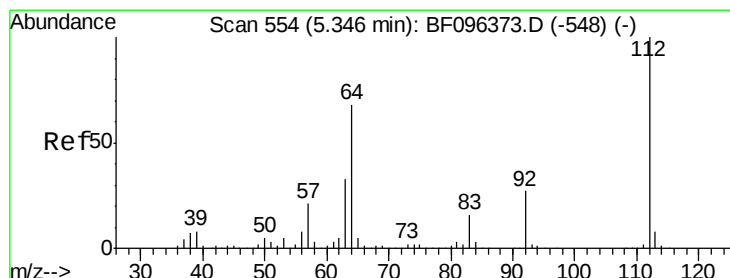
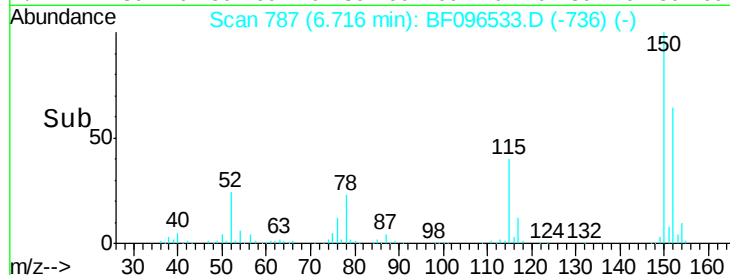
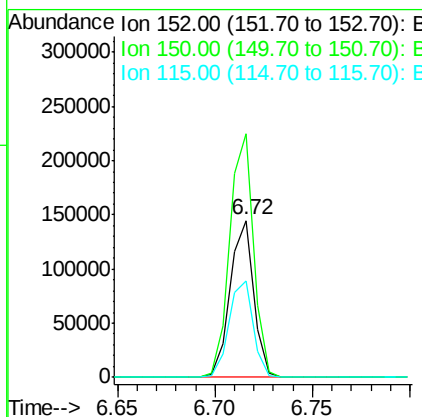
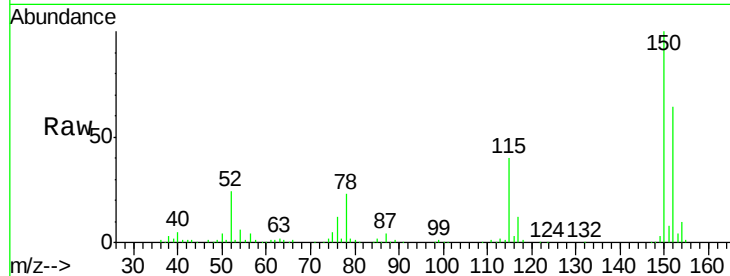
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	61.5	52.2	78.2

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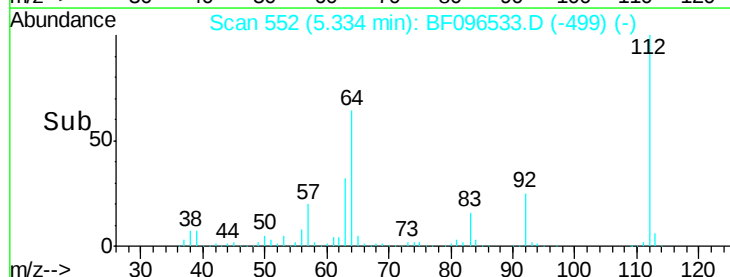
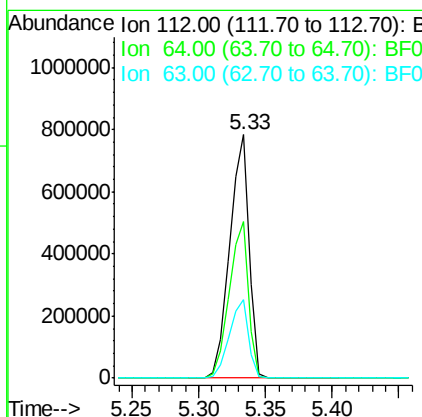
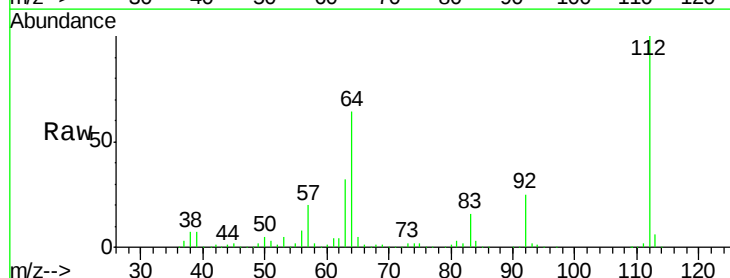
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#5

2-Fluorophenol
Concen: 97.785 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.2	23.4	35.0





#7

Phenol-d6

Concen: 101.669 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096533.D

Acq: 6 Jul 2017 15:14

Instrument :

BNA_F

ClientSampleId :

CIY-SB-01-0-50

Tgt Ion: 99 Resp: 1028259

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

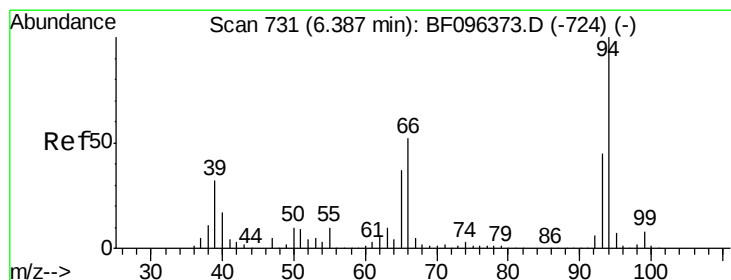
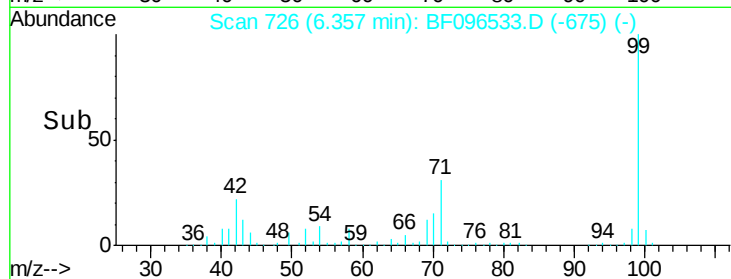
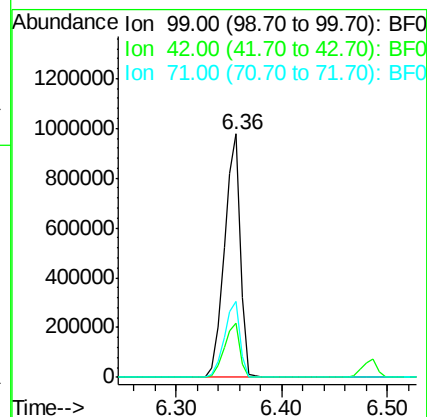
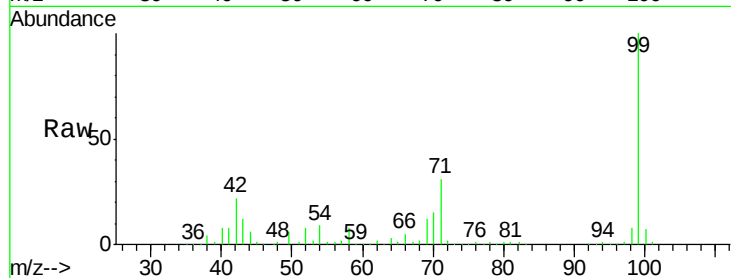
71 31.4 24.5 36.7

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#10

Phenol

Concen: 3.176 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096533.D

Acq: 6 Jul 2017 15:14

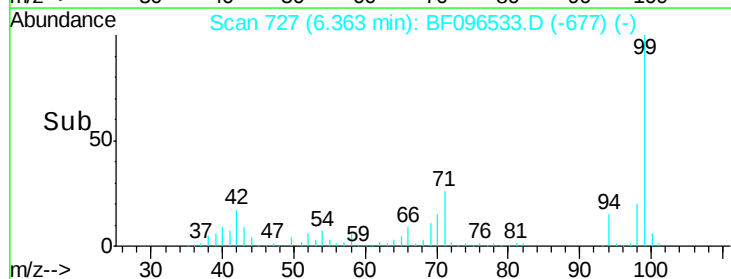
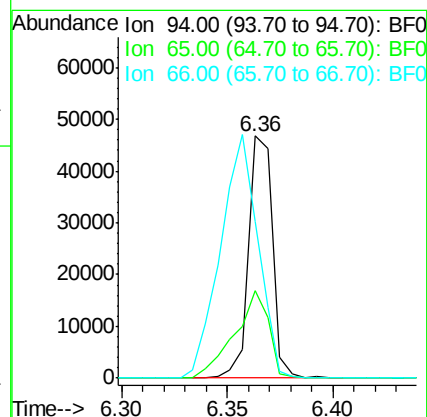
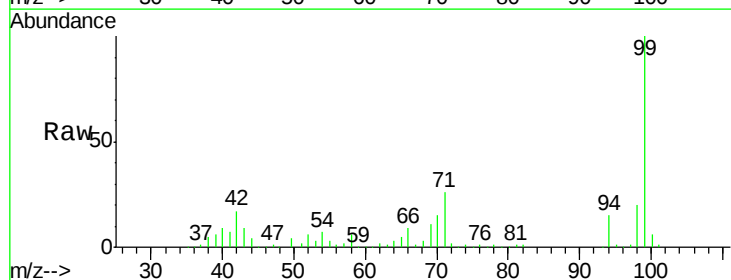
Tgt Ion: 94 Resp: 36593

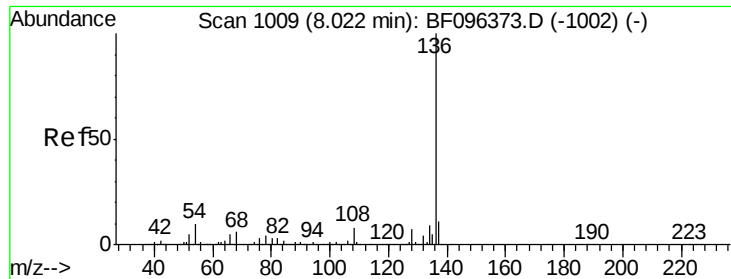
Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

66 64.6 23.1 63.1#





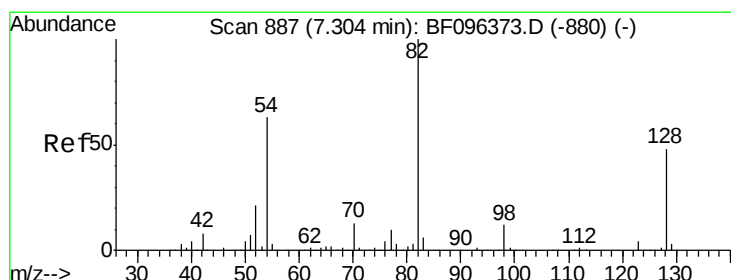
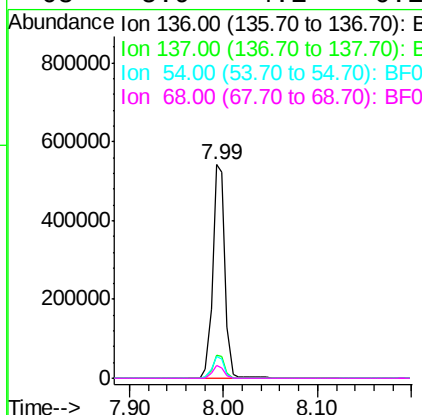
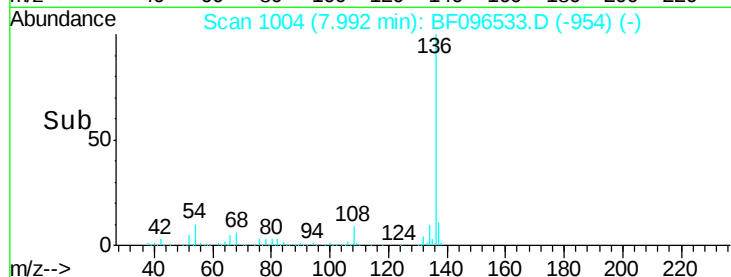
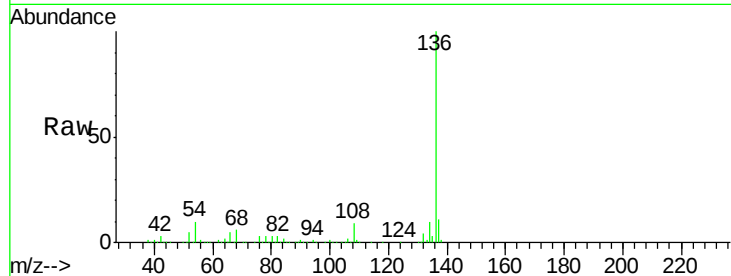
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		505400		
137	11.0	8.5	12.7		
54	10.4	4.9	7.3#		
68	5.9	4.1	6.1		

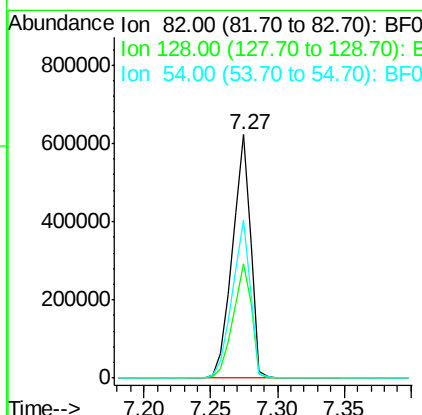
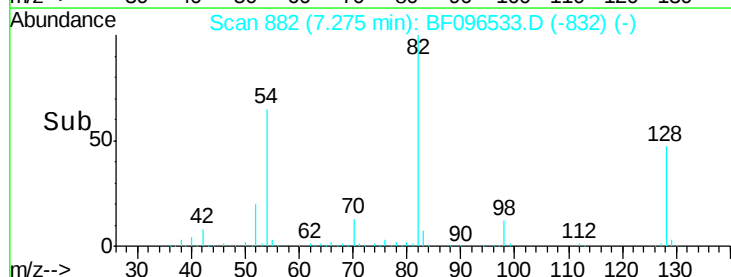
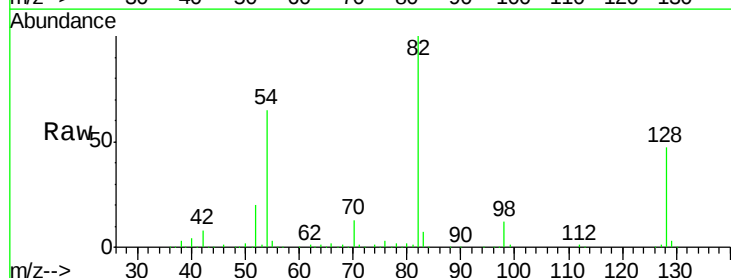
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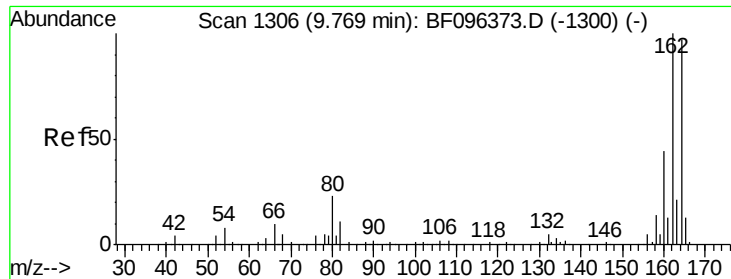
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#23
Nitrobenzene-d5
Concen: 71.611 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		602295		
128	47.2	34.0	51.0		
54	65.1	42.2	63.2#		





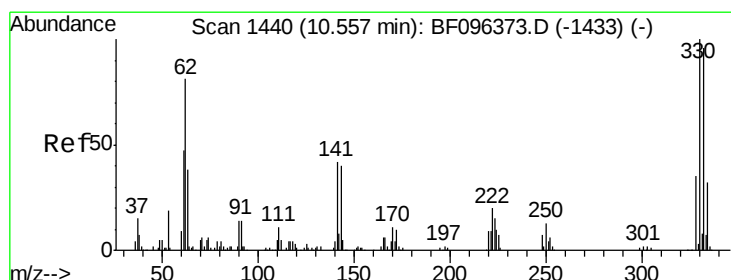
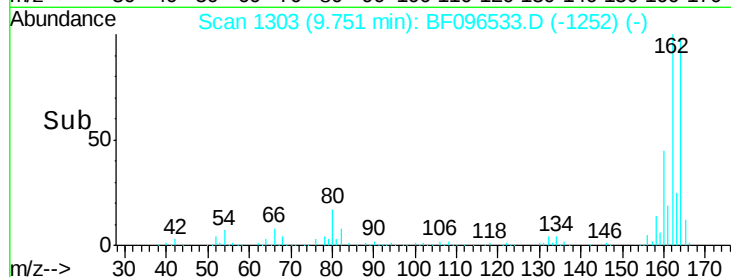
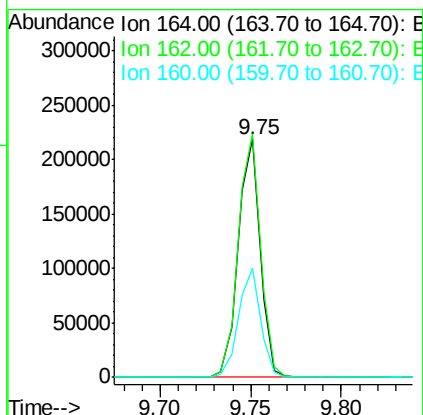
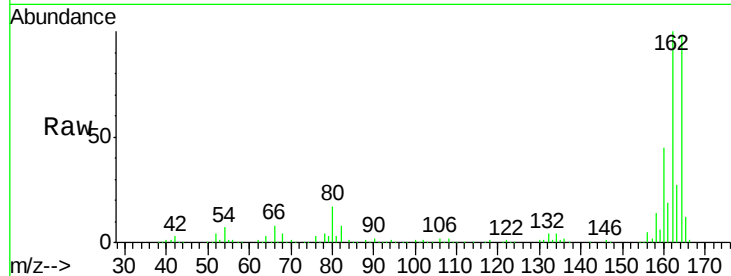
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096533.D
 Acq: 6 Jul 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185135		
162	102.2	82.6	123.8	
160	45.8	36.2	54.2	

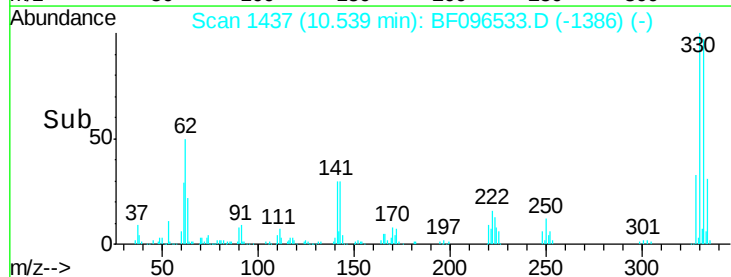
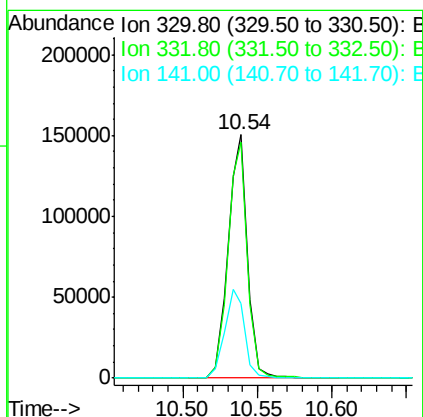
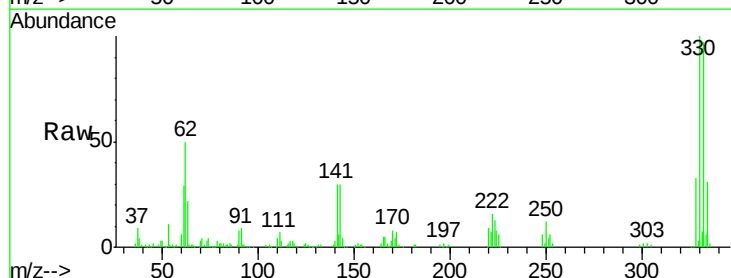
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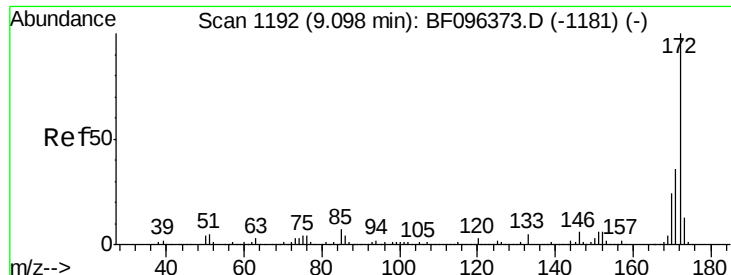
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#41
 2,4,6-Tribromophenol
 Concen: 95.688 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096533.D
 Acq: 6 Jul 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138377		
332	97.1	76.6	115.0	
141	37.4	31.4	47.2	





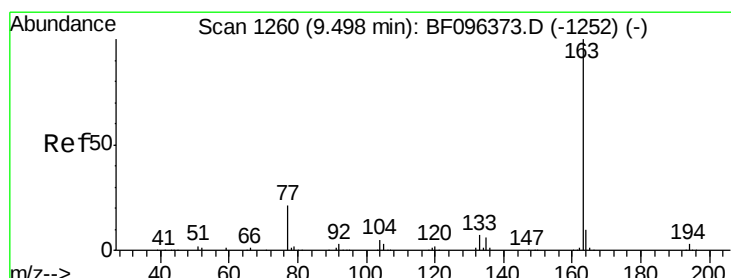
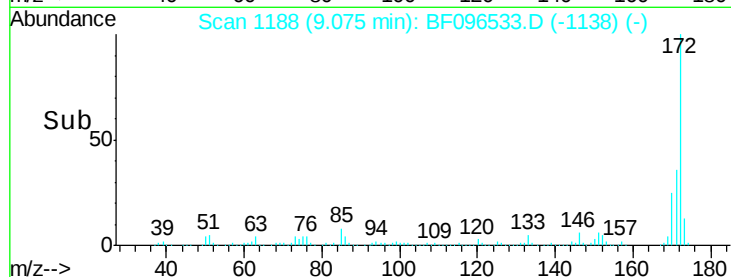
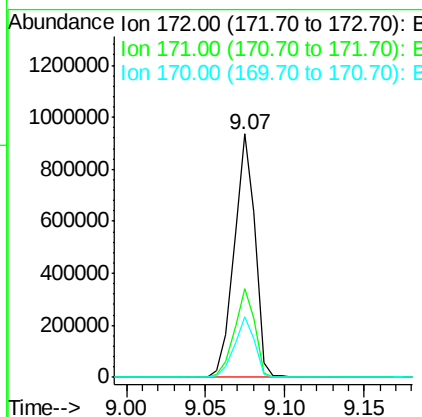
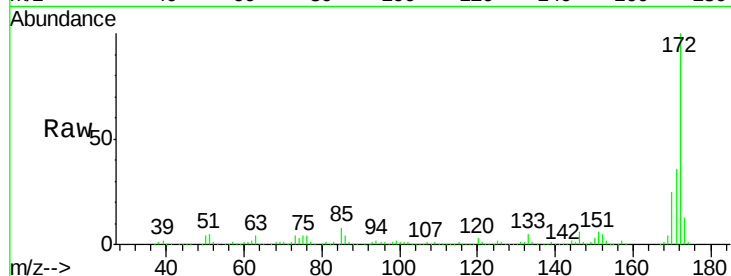
#44
 2-Fluorobiphenyl
 Concen: 78.675 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096533.D
 Acq: 6 Jul 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 CIY-SB-01-0-50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	851894		
171	36.2	29.6	44.4	
170	24.7	19.8	29.8	

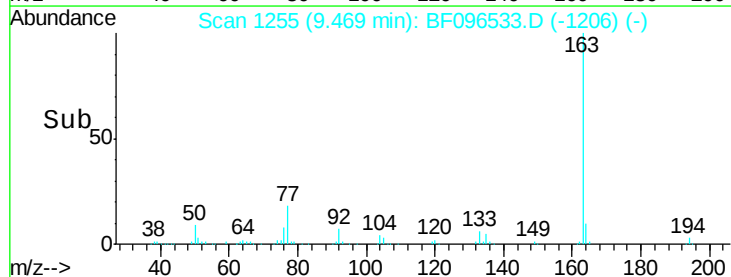
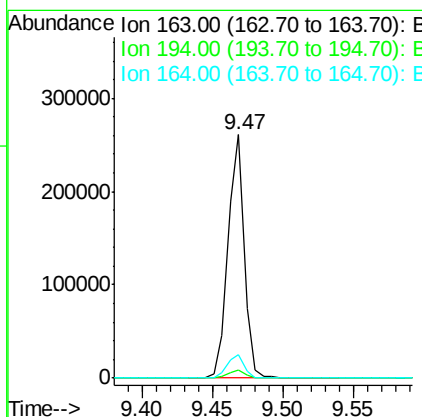
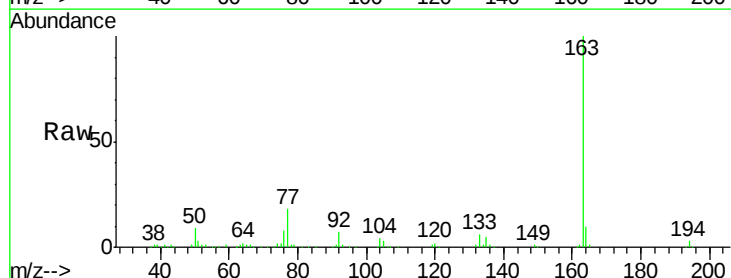
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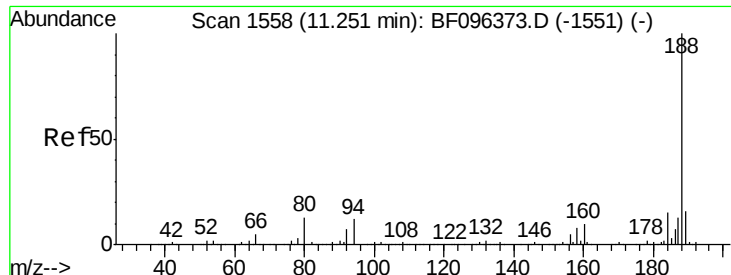
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#49
 Dimethylphthalate
 Concen: 15.150 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096533.D
 Acq: 6 Jul 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	209375		
194	3.1	2.6	4.0	
164	9.9	8.4	12.6	





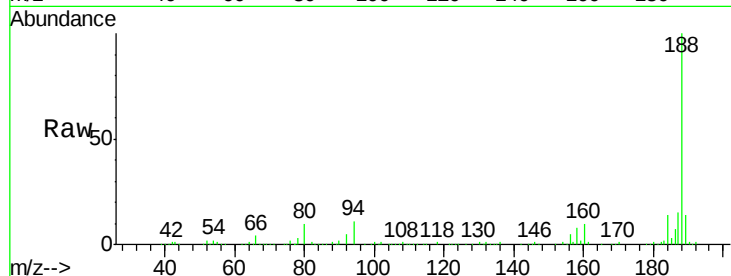
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

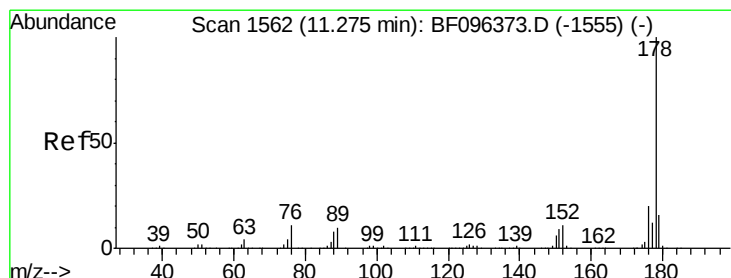
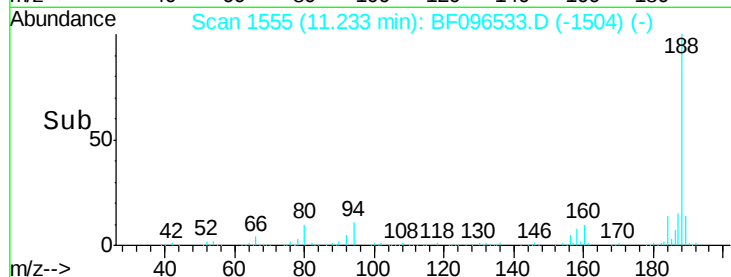
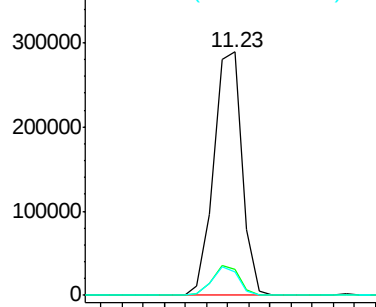
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	9.4	14.2
80	9.7	10.2	15.2#

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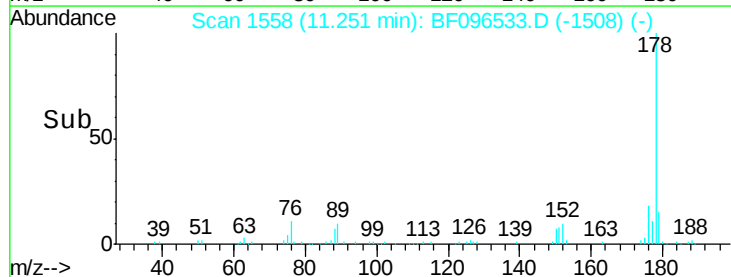
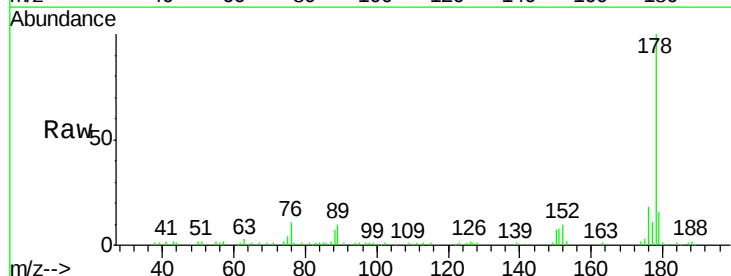
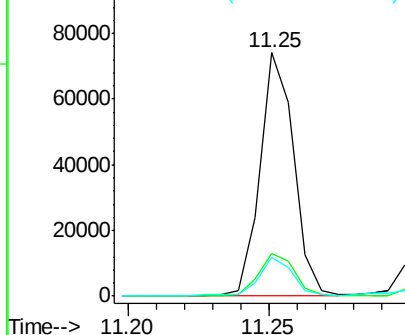
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

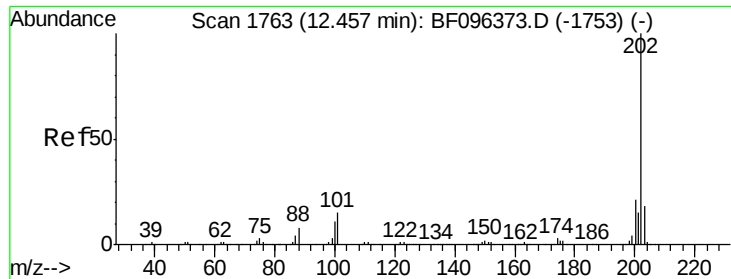


#70
Phenanthrene
Concen: 4.190 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.8	16.2	24.4
179	15.8	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: 7.211 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096533.D

Acq: 6 Jul 2017 15:14

Instrument :

BNA_F

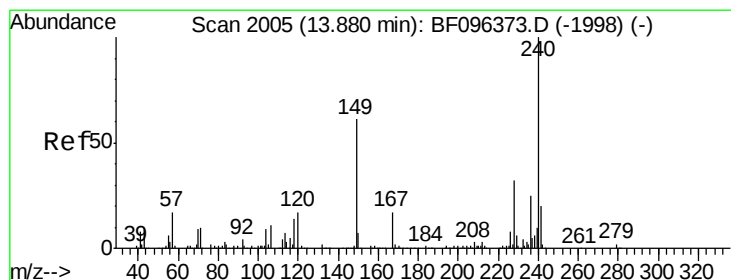
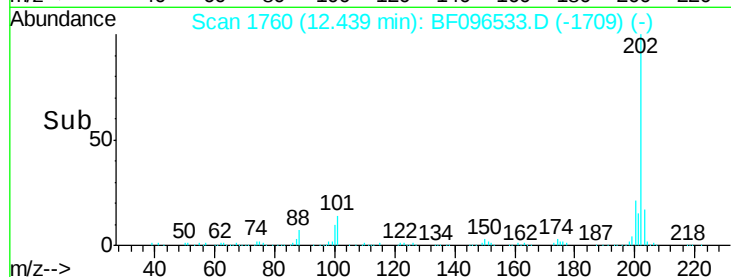
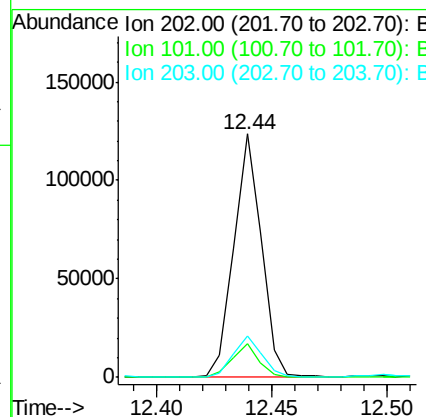
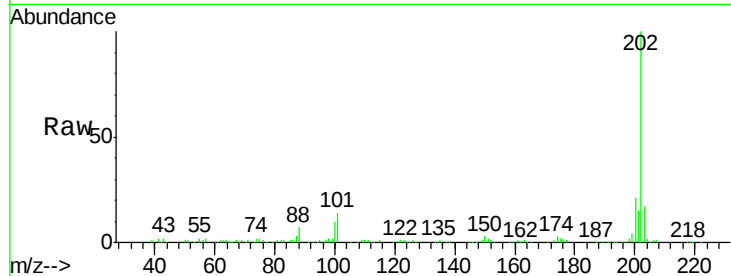
ClientSampleId :

CIY-SB-01-0-50

Tgt	Ion	202	Resp:	103277
Ion	Ratio		Lower	Upper
202	100			
101	13.7	0.0	33.2	
203	17.1	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

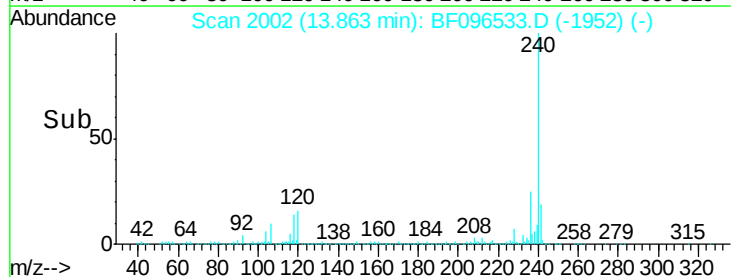
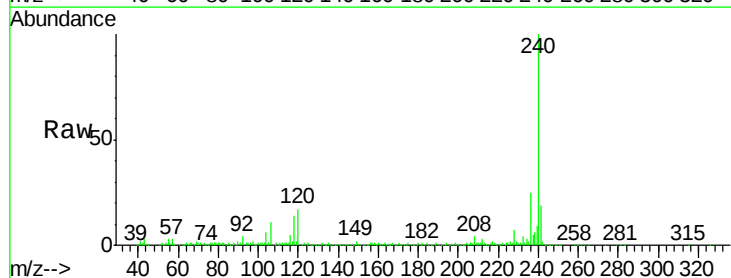
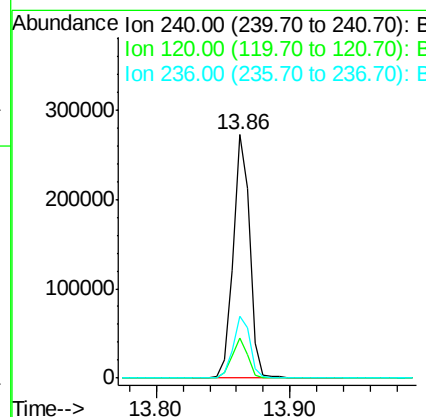
RT: 13.86 min Scan# 2002

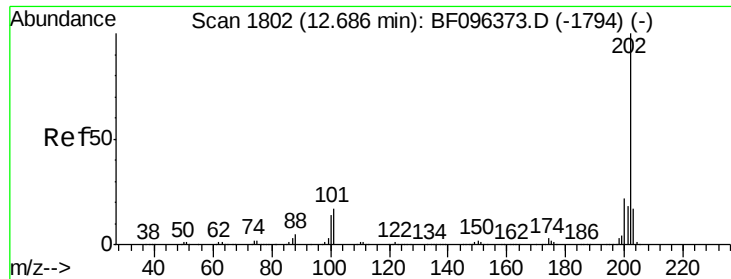
Delta R.T. -0.01 min

Lab File: BF096533.D

Acq: 6 Jul 2017 15:14

Tgt	Ion	240	Resp:	239617
Ion	Ratio		Lower	Upper
240	100			
120	16.6	5.8	8.8#	
236	25.4	20.5	30.7	





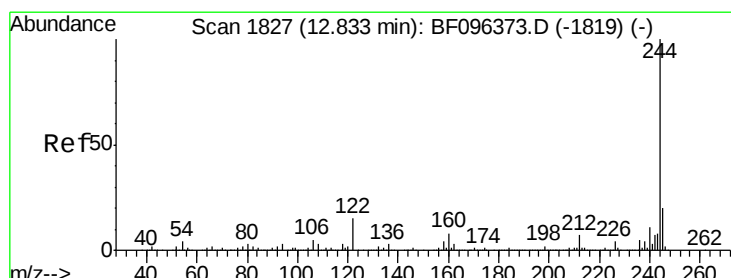
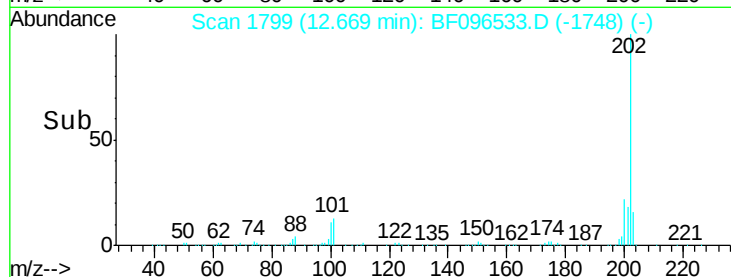
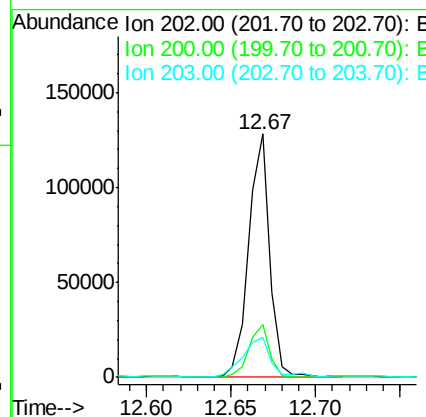
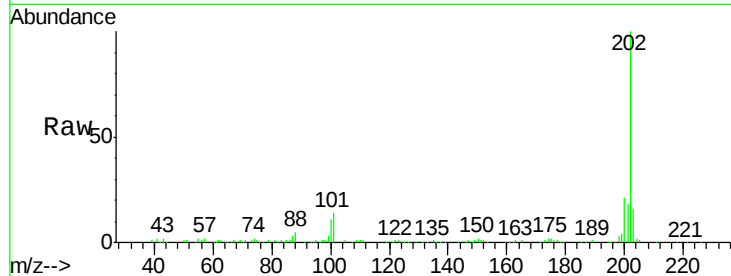
#77
Pyrene
Concen: 5.739 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.6	26.4
203	16.3	14.4	21.6

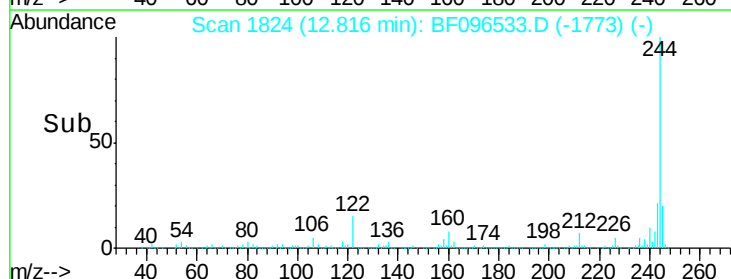
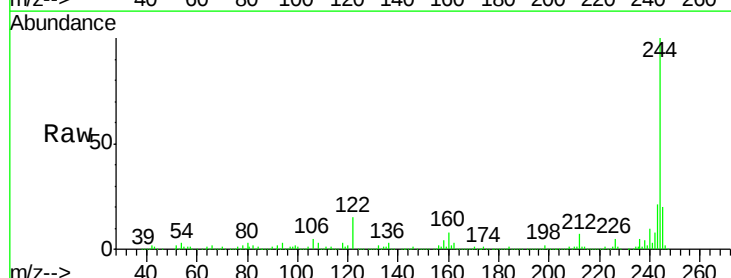
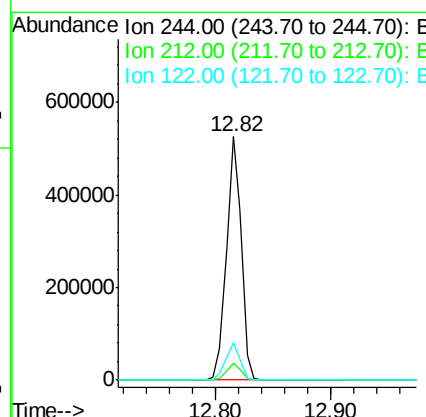
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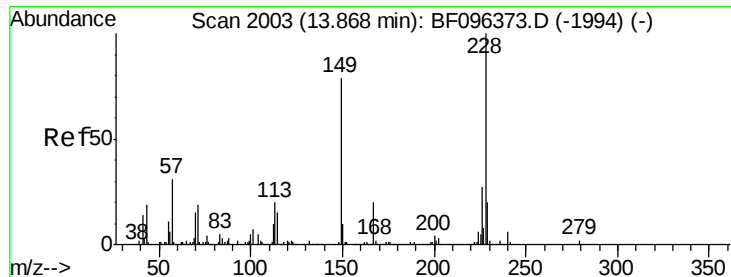
mohammad
7/7/2017 1:30:08 PM



#78
Terphenyl-d14
Concen: 41.418 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

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





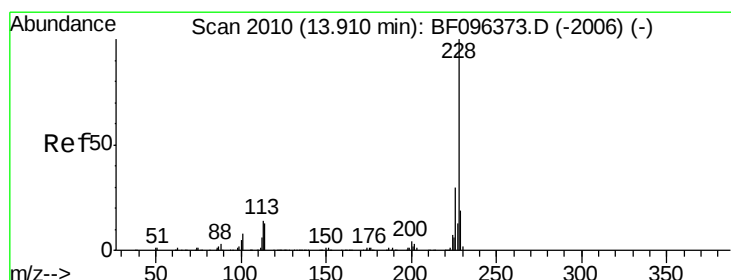
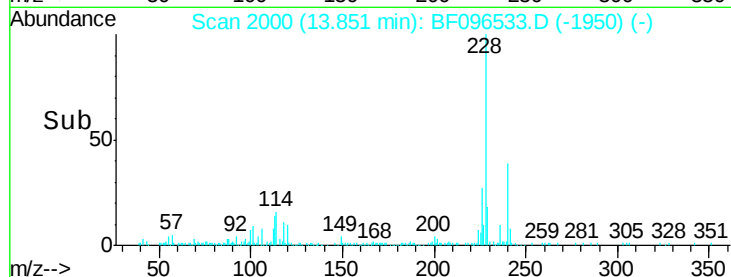
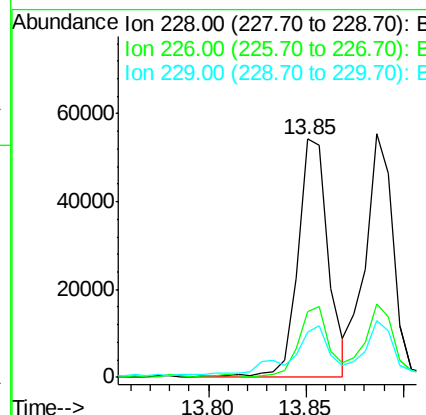
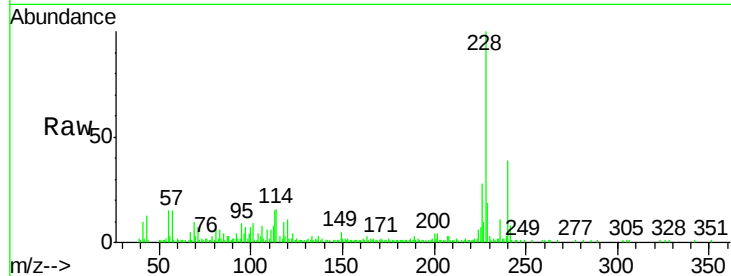
#80
Benzo(a)anthracene
Concen: 4.250 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	18.8	16.3	24.5

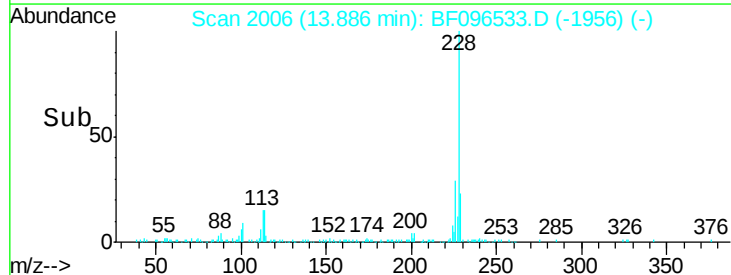
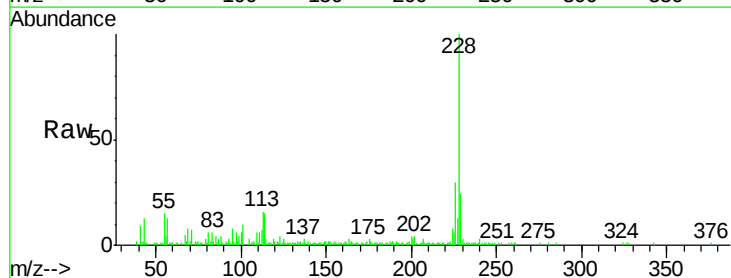
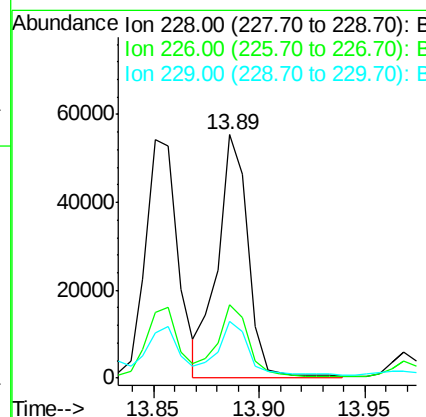
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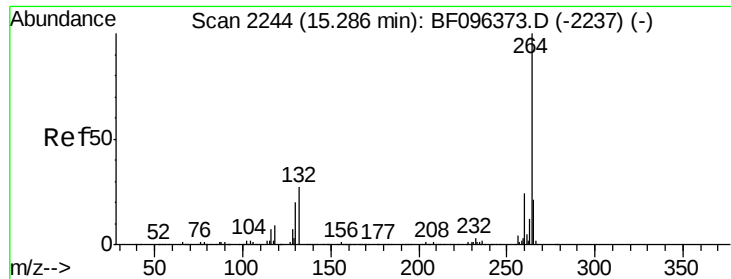
mohammad
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#82
Chrysene
Concen: 3.809 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	23.5	15.8	23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF096533.D

Acq: 6 Jul 2017 15:14

Instrument :

BNA_F

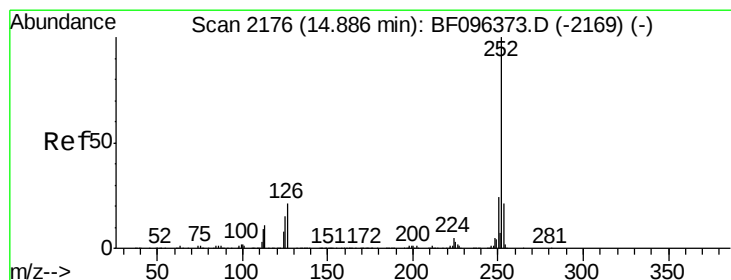
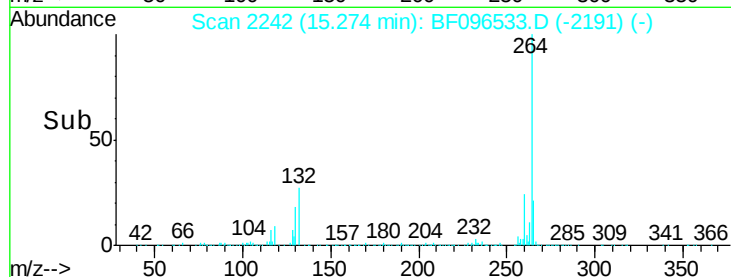
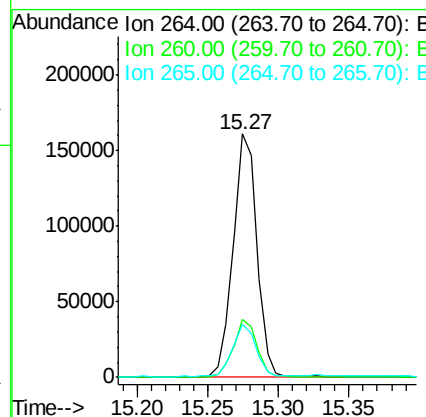
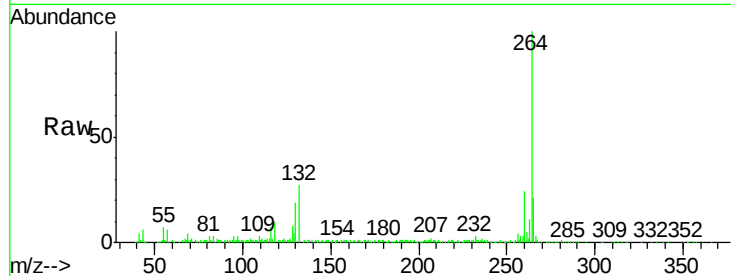
ClientSampleId :

CIY-SB-01-0-50

Tgt Ion:	264	Resp:	189954
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 4.382 ng m

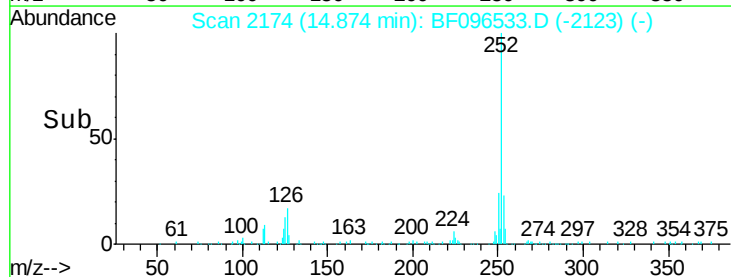
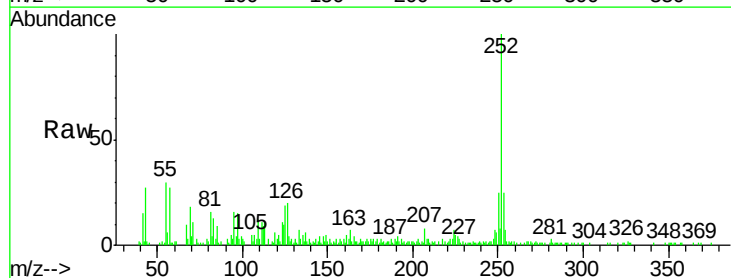
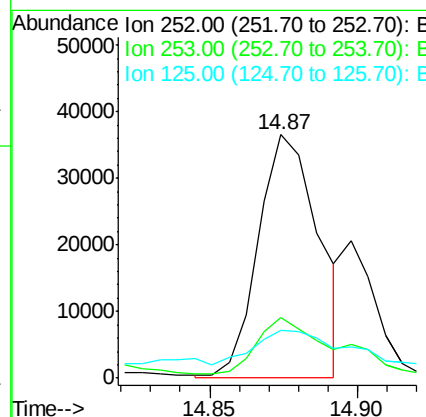
RT: 14.87 min Scan# 2174

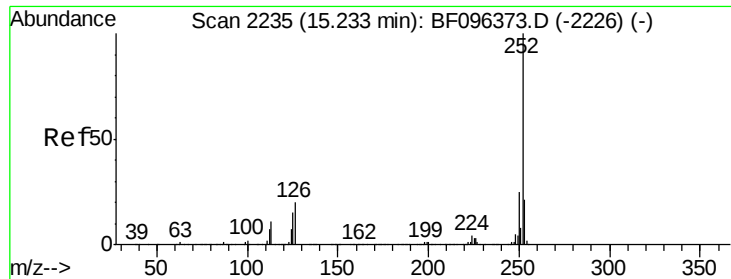
Delta R.T. -0.00 min

Lab File: BF096533.D

Acq: 6 Jul 2017 15:14

Tgt Ion:	252	Resp:	52157
Ion Ratio		Lower	Upper
252	100		
253	24.8	18.1	27.1
125	19.4	9.8	14.8#





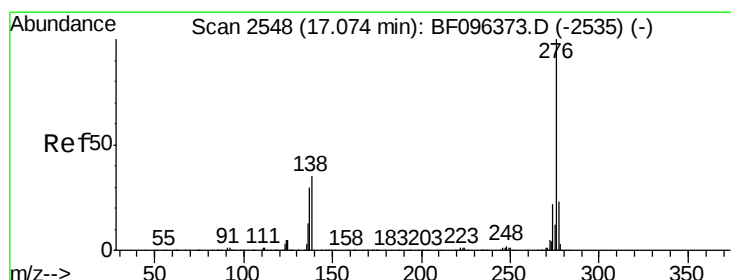
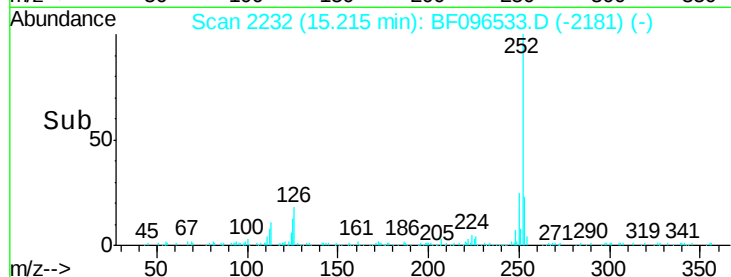
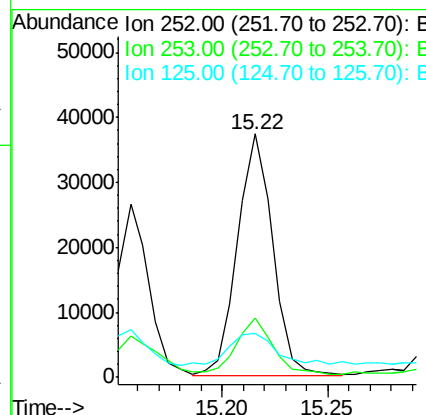
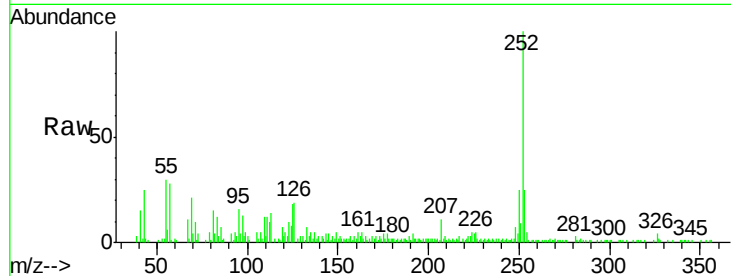
#89
Benzo(a)pyrene
Concen: 4.043 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Instrument :
BNA_F
ClientSampleId :
CIY-SB-01-0-50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	18.2	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 2.448 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF096533.D
Acq: 6 Jul 2017 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	35.4	25.4	38.0

