

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095726.D
 Acq On : 7 Jun 2017 00:16
 Operator : SJ/MA
 Sample : I3482-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-C

Manual Integrations
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Quant Time: Jun 07 04:17:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79265	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	304343	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	122311	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	180561	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	145931	20.00	ng	-0.01
86) Perylene-d12	20.02	264	105927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	468791	94.24	ng	-0.02
7) Phenol-d6	6.94	99	572223	96.09	ng	-0.02
23) Nitrobenzene-d5	8.30	82	318917	65.08	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	91025	84.11	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	589589	67.08	ng	-0.02
78) Terphenyl-d14	17.00	244	357869	60.86	ng	-0.01
Target Compounds						Qvalue
48) Acenaphthylene	12.01	152	46592	3.459	ng	97
49) Dimethylphthalate	11.89	163	85337	9.189	ng	97
57) Fluorene	13.13	166	19260	2.022	ng	# 88
70) Phenanthrene	14.66	178	160569	15.412	ng	97
71) Anthracene	14.75	178	67256	6.184	ng	98
74) Fluoranthene	16.44	202	261495	25.359	ng	98
77) Pyrene	16.74	202	361801	33.227	ng	97
80) Benzo(a)anthracene	18.33	228	166692	19.647	ng	93
82) Chrysene	18.38	228	171285	20.201	ng	96
87) Benzo(b)fluoranthene	19.61	252	130999m	19.750	ng	
88) Benzo(k)fluoranthene	19.64	252	45502m	7.177	ng	
89) Benzo(a)pyrene	19.96	252	108796	17.846	ng	# 94
90) Dibenzo(a,h)anthracene	21.19	278	16205	3.134	ng	# 70
91) Benzo(g,h,i)perylene	21.53	276	50661	9.609	ng	95

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

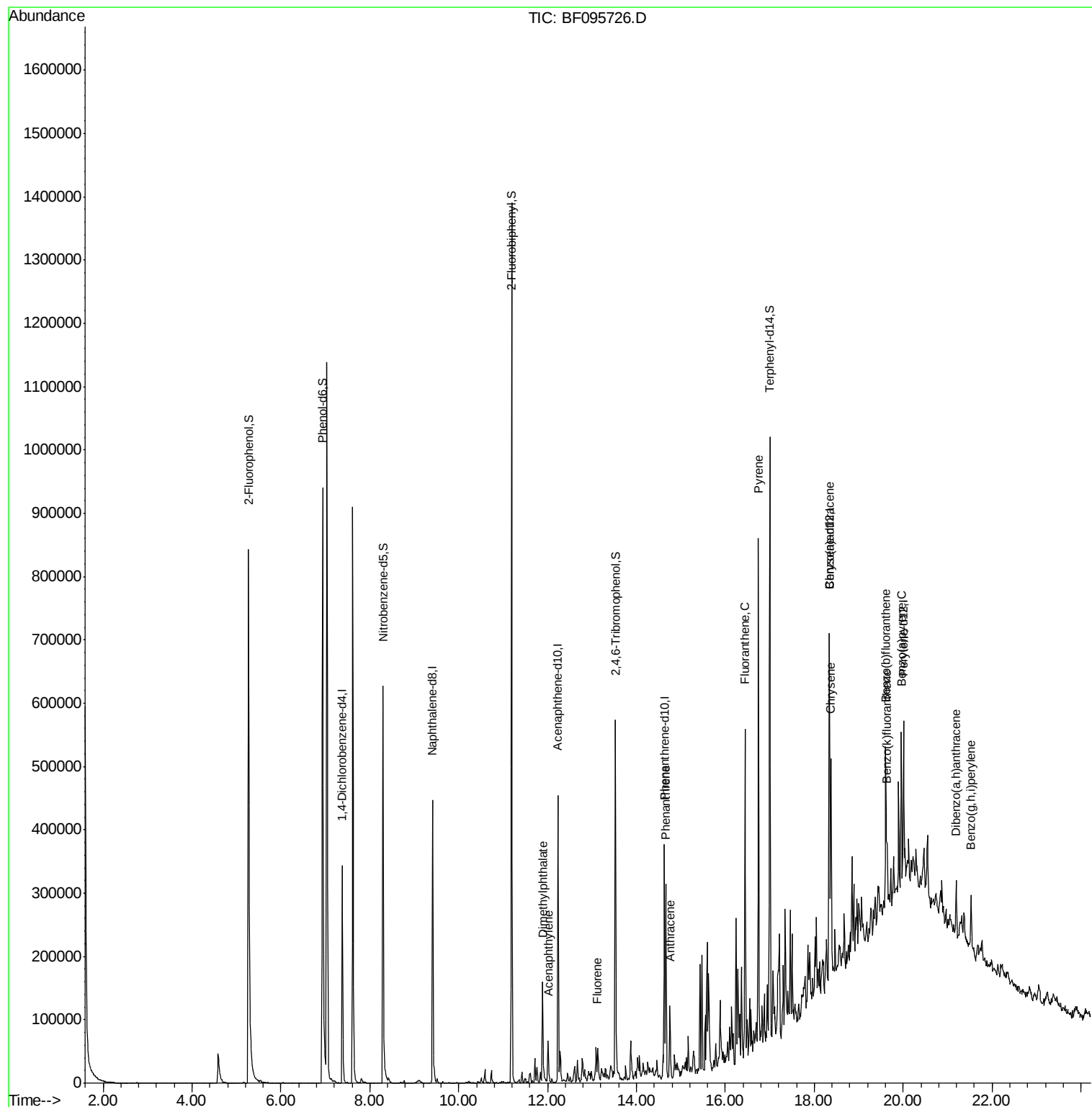
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
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ALS Vial : 16 Sample Multiplier: 1

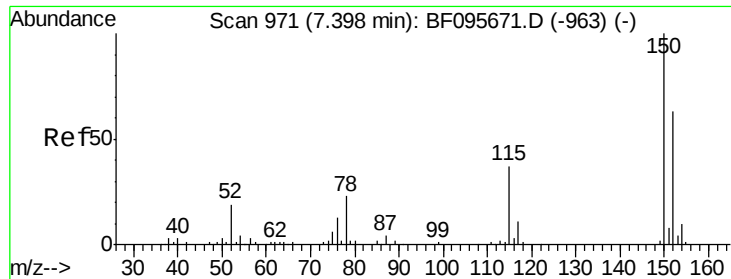
Instrument :
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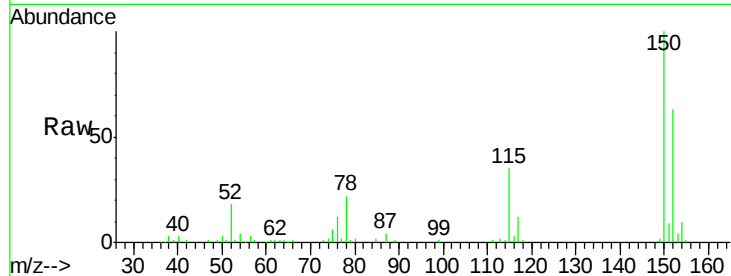
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.38 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-C

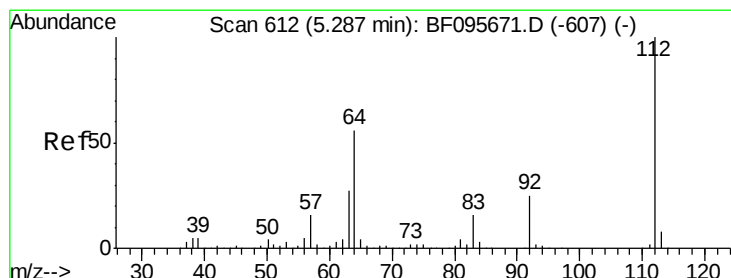
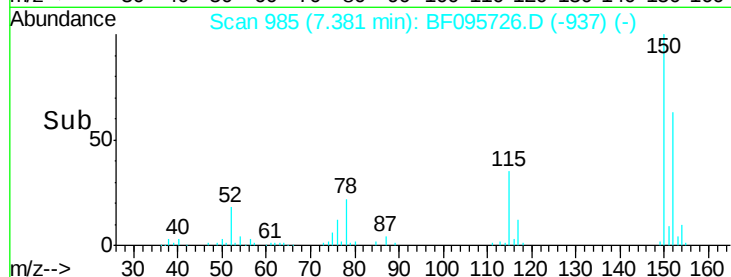
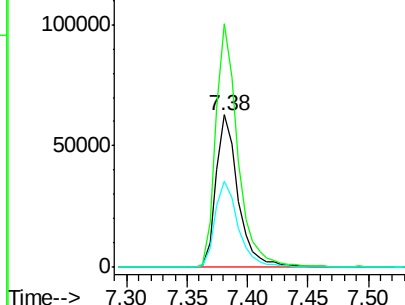
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	56.7	52.2	78.2

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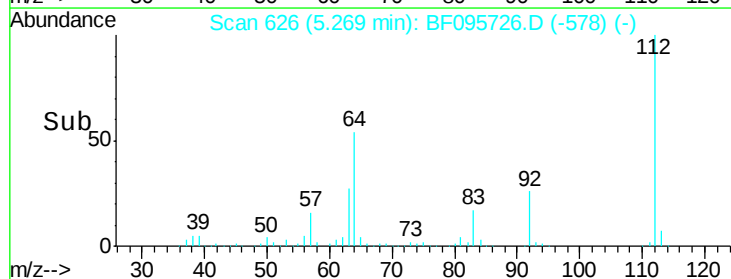
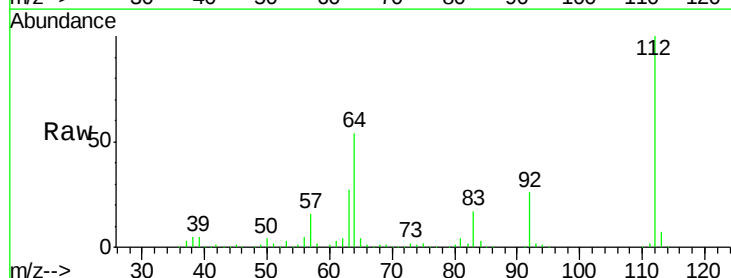
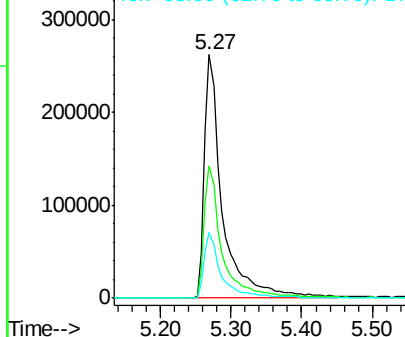
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 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

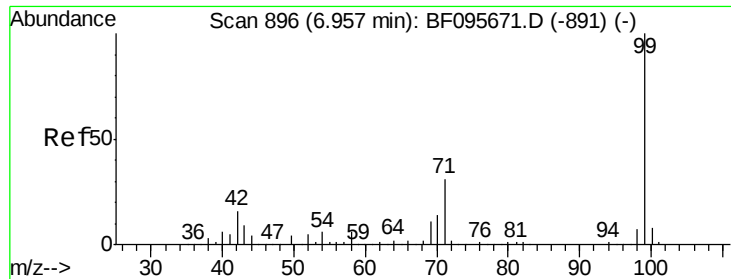


#5
 2-Fluorophenol
 Concen: 94.240 ng
 RT: 5.27 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	26.8	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: 96.088 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095726.D

Acq: 7 Jun 2017 00:16

Instrument :

BNA_F

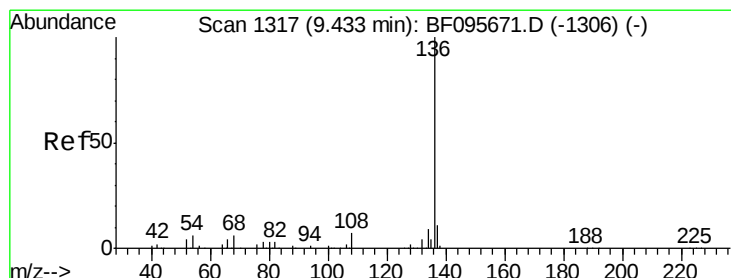
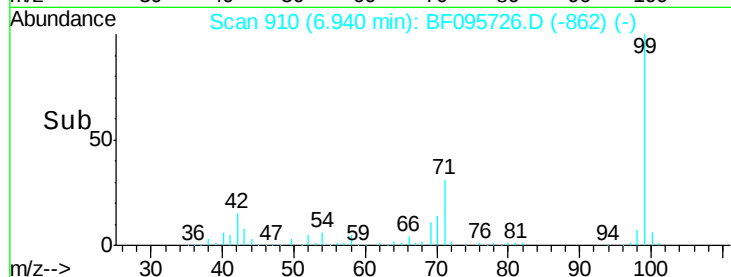
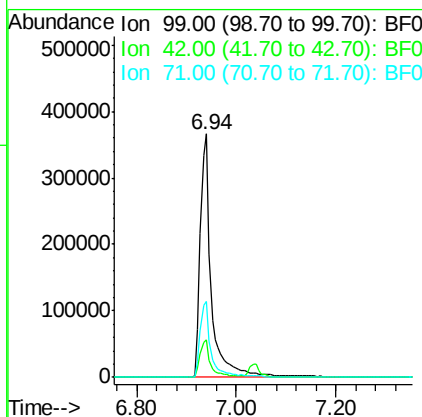
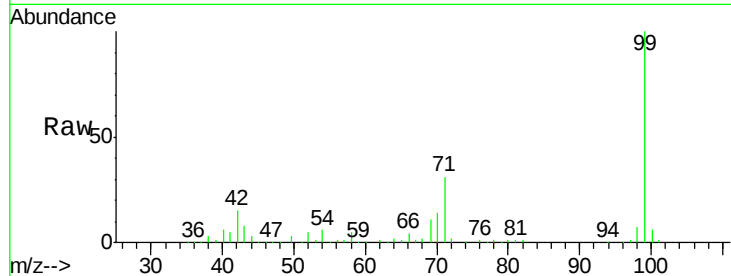
ClientSampleId :

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Tgt Ion:	99	Resp:	572223
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	31.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

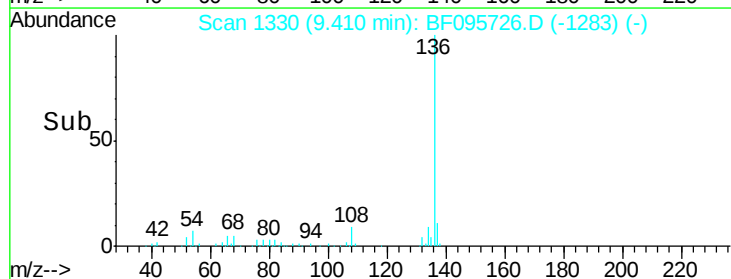
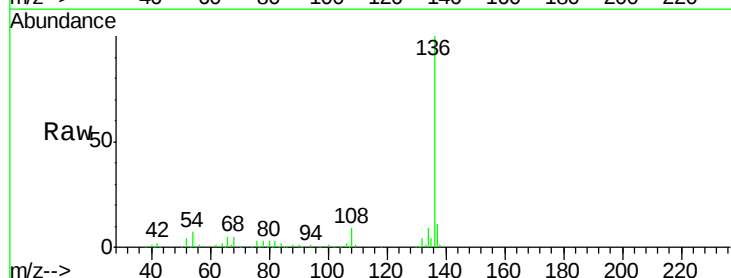
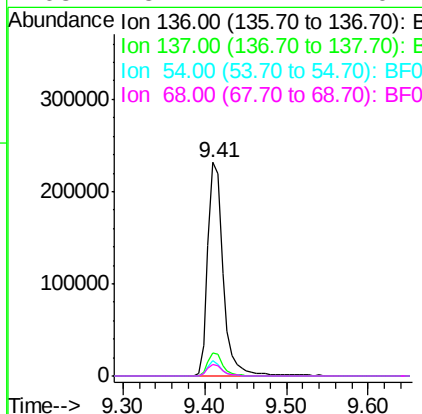
RT: 9.41 min Scan# 1330

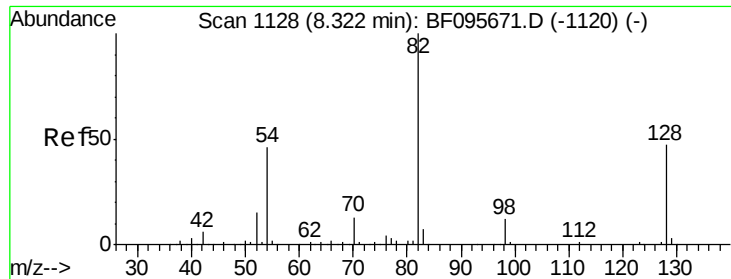
Delta R.T. -0.02 min

Lab File: BF095726.D

Acq: 7 Jun 2017 00:16

Tgt Ion:	136	Resp:	304343
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.4	4.1	6.1





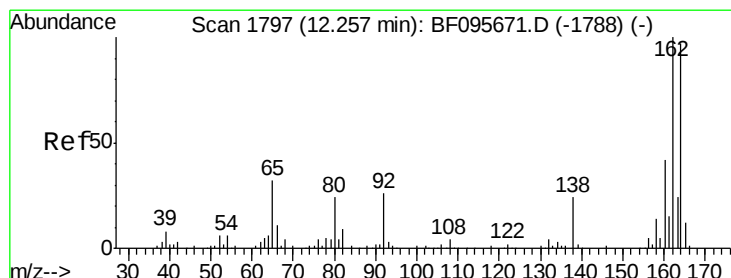
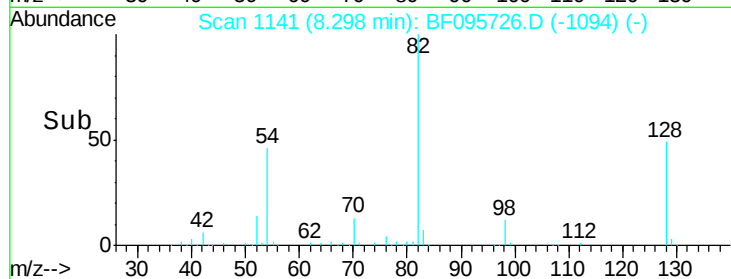
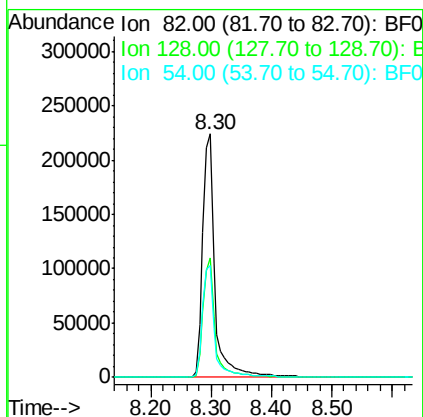
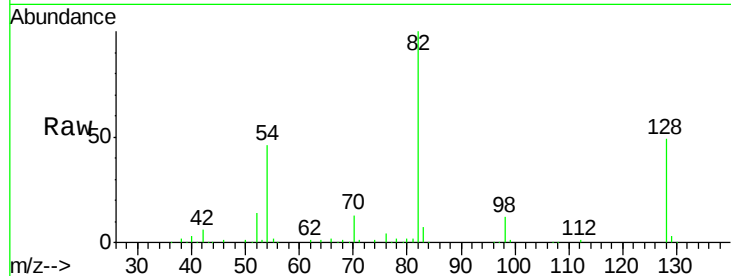
#23
Nitrobenzene-d5
Concen: 65.079 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	45.9	42.2	63.2

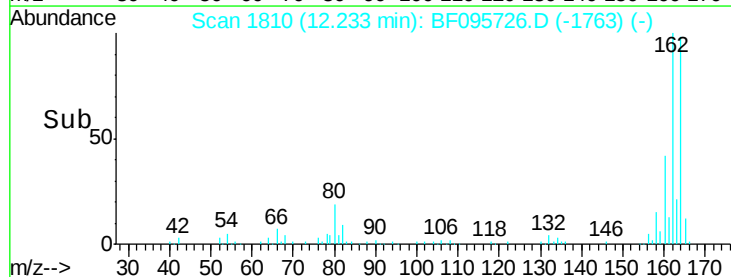
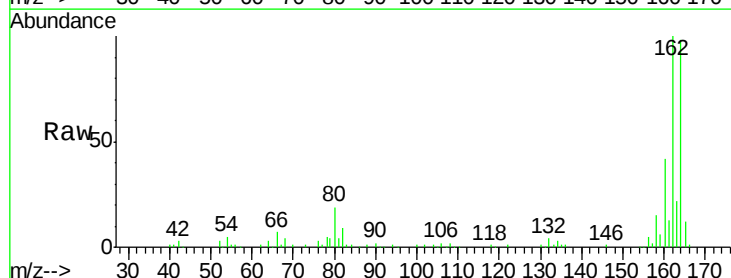
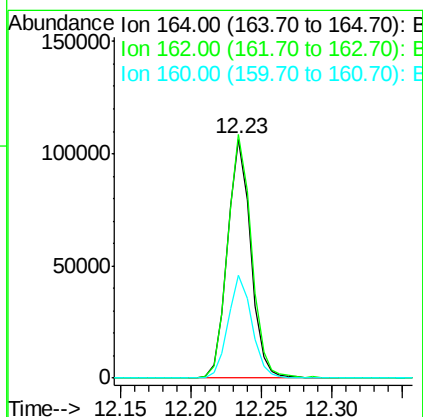
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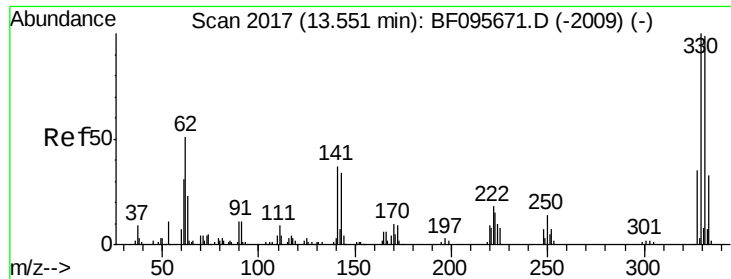
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	43.3	36.2	54.2





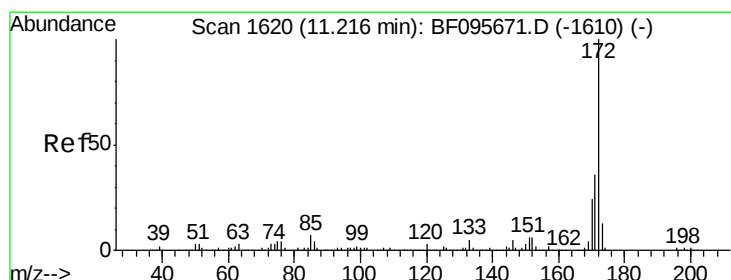
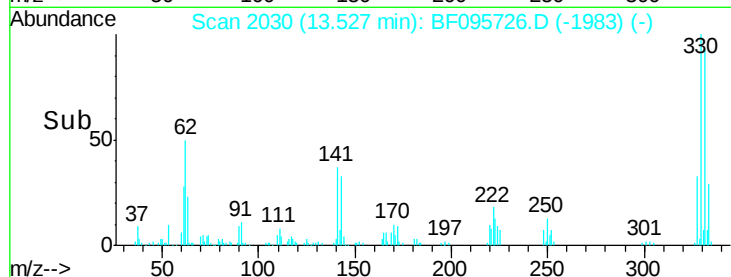
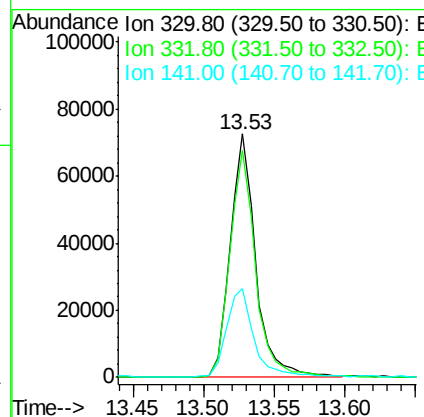
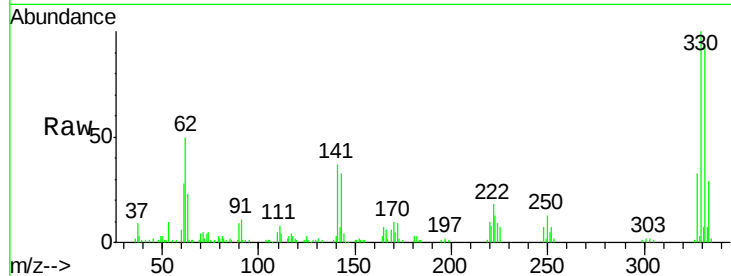
#41
 2,4,6-Tribromophenol
 Concen: 84.114 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-C

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91025		
332	94.6	76.6	115.0	
141	39.5	31.4	47.2	

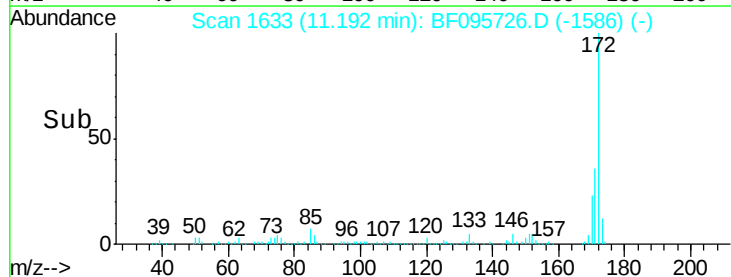
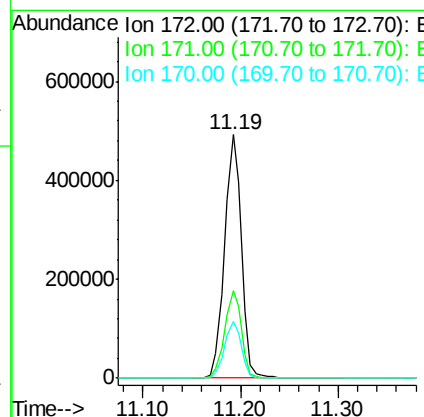
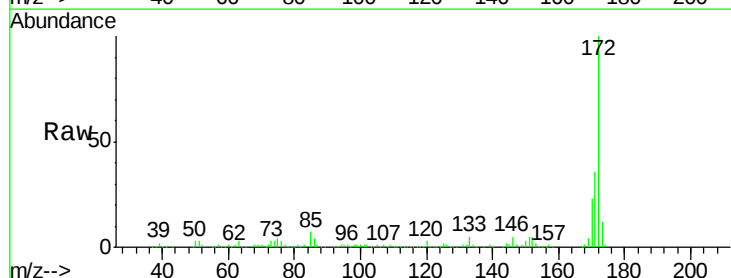
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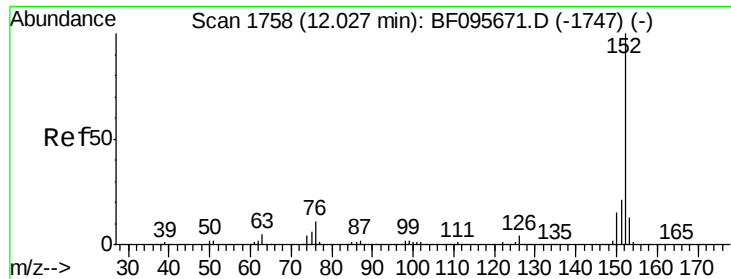
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#44
 2-Fluorobiphenyl
 Concen: 67.080 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	589589		
171	35.9	29.6	44.4	
170	23.3	19.8	29.8	





#48

Acenaphthylene

Concen: 3.459 ng

RT: 12.01 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF095726.D

Acq: 7 Jun 2017 00:16

Instrument :

BNA_F

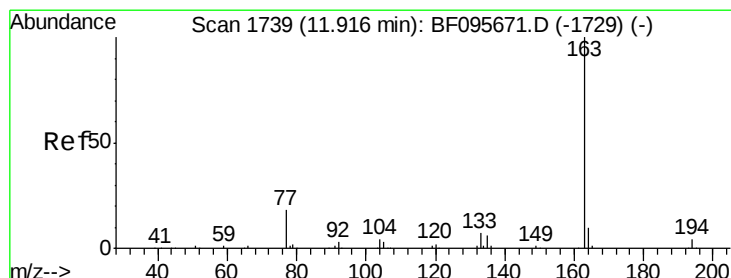
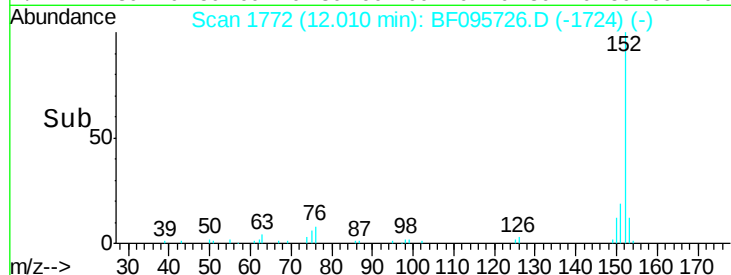
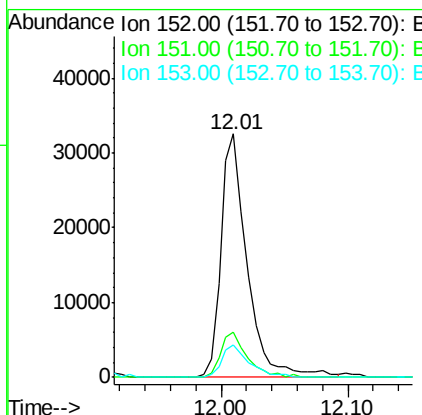
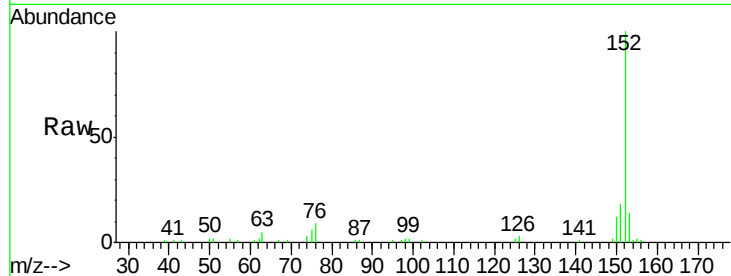
ClientSampleId :

CL-01-060517-C

Tgt Ion:	152	Resp:	46592
Ion Ratio	Lower	Upper	
152	100		
151	18.4	16.8	25.2
153	13.5	10.8	16.2

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#49

Dimethylphthalate

Concen: 9.189 ng

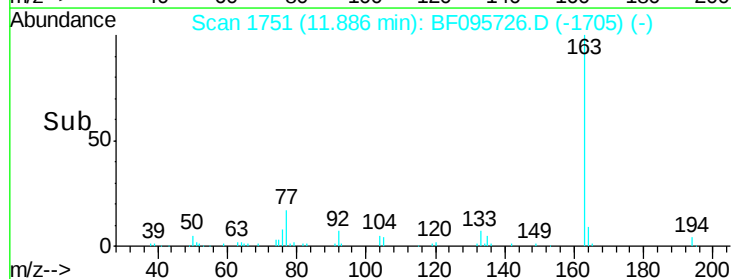
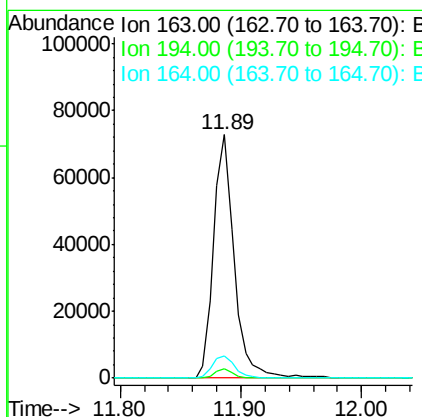
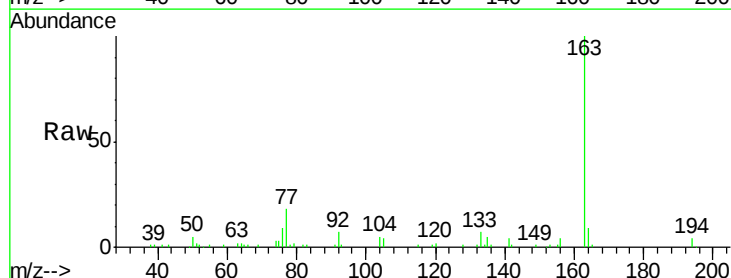
RT: 11.89 min Scan# 1751

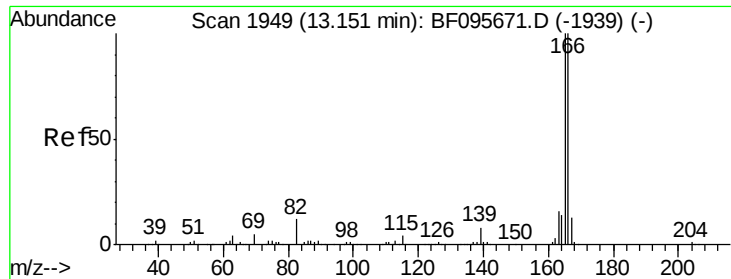
Delta R.T. -0.03 min

Lab File: BF095726.D

Acq: 7 Jun 2017 00:16

Tgt Ion:	163	Resp:	85337
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.6	4.0
164	9.0	8.4	12.6





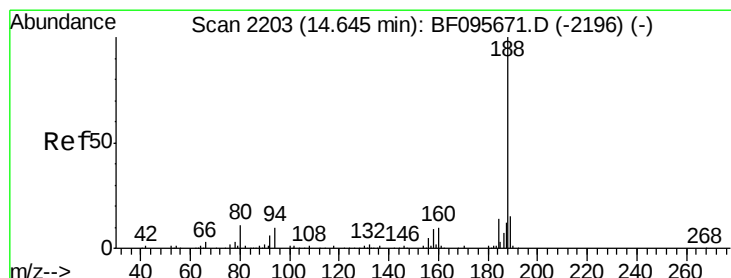
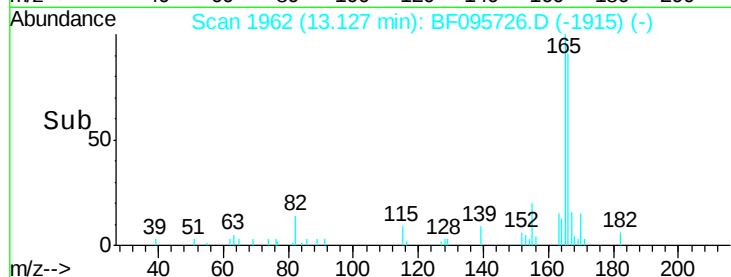
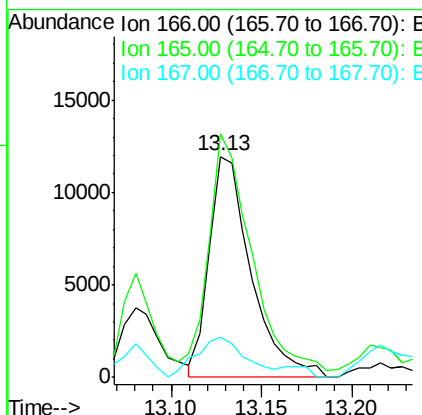
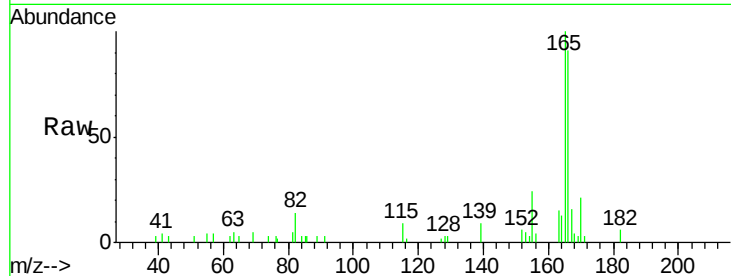
#57
Fluorene
 Concen: 2.022 ng
 RT: 13.13 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Instrument :
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 CL-01-060517-C

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.2	78.8	118.2
167	18.1	10.6	16.0

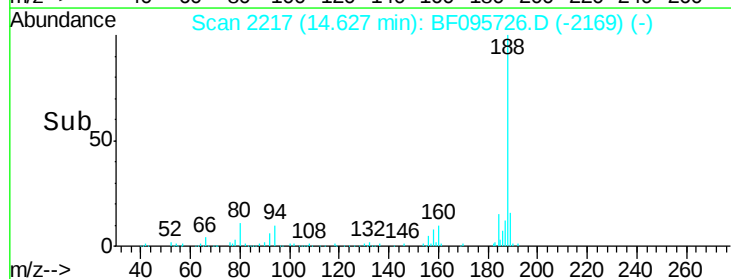
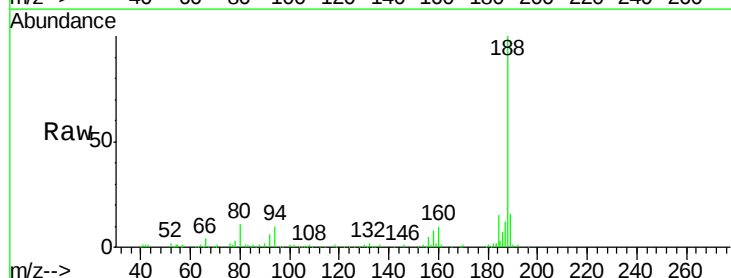
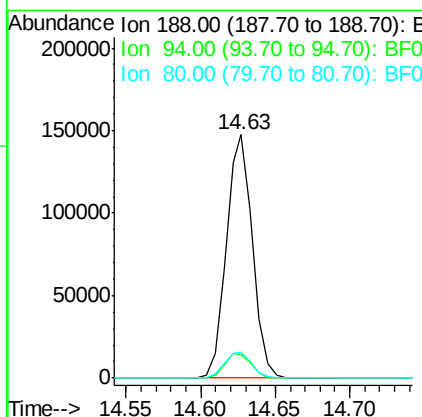
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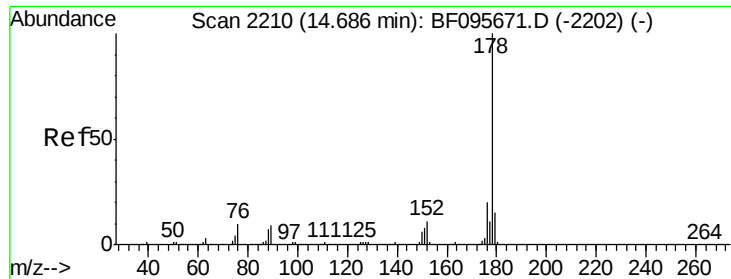
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.6	10.2	15.2





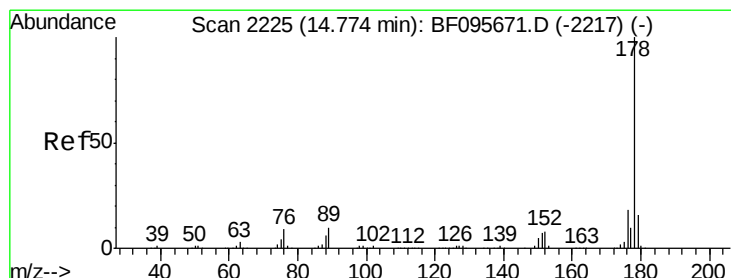
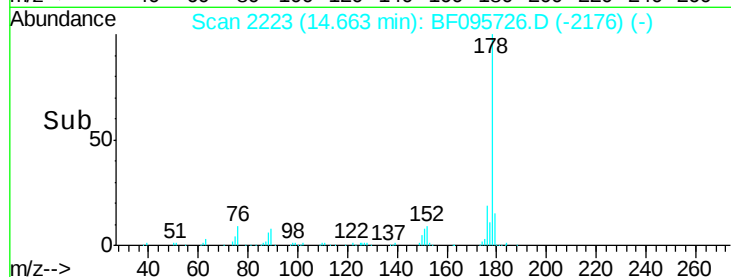
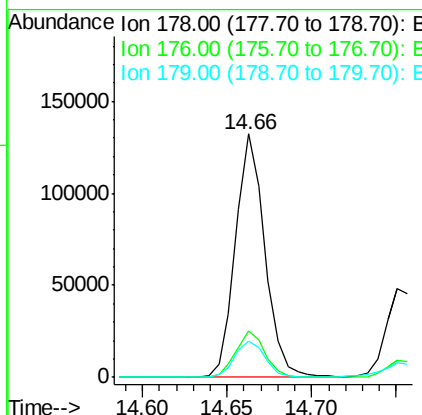
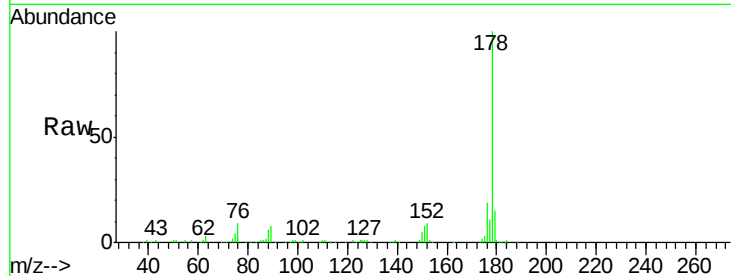
#70
Phenanthrene
Concen: 15.412 ng
RT: 14.66 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-C

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.9	12.6	19.0

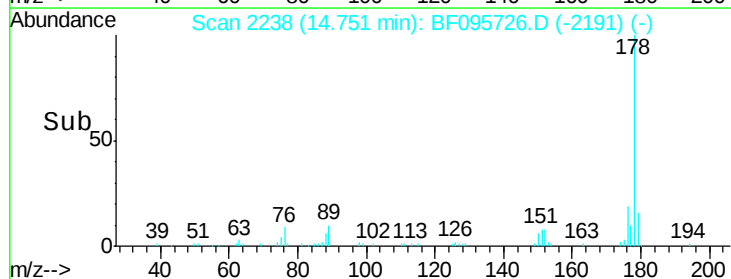
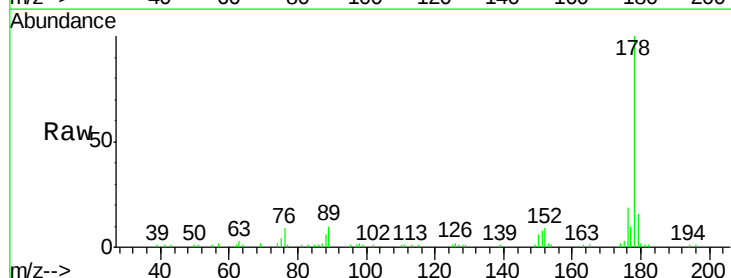
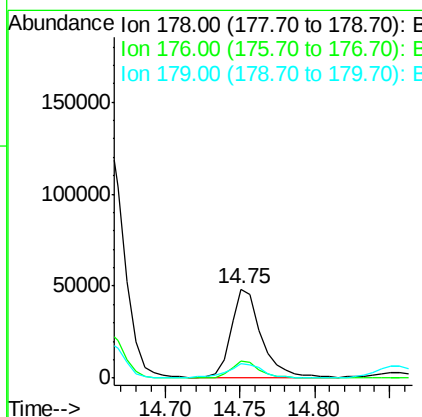
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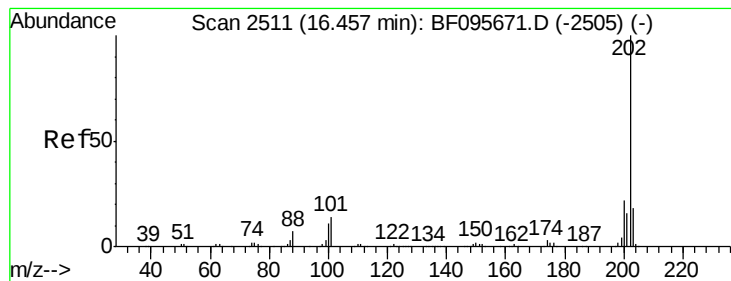
mohammad
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#71
Anthracene
Concen: 6.184 ng
RT: 14.75 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.4	12.7	19.1





#74

Fluoranthene

Concen: 25.359 ng

RT: 16.44 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095726.D

Acq: 7 Jun 2017 00:16

Instrument :

BNA_F

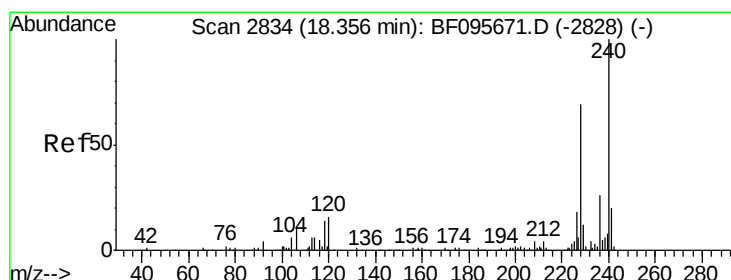
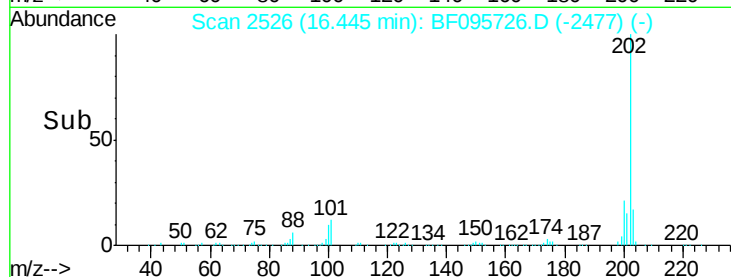
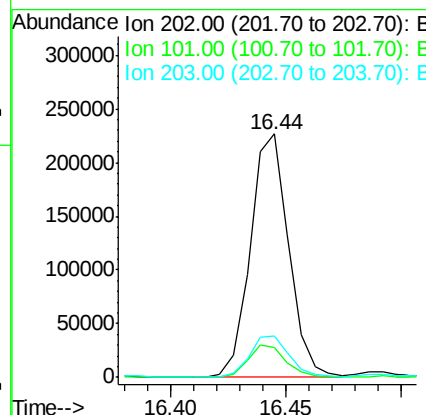
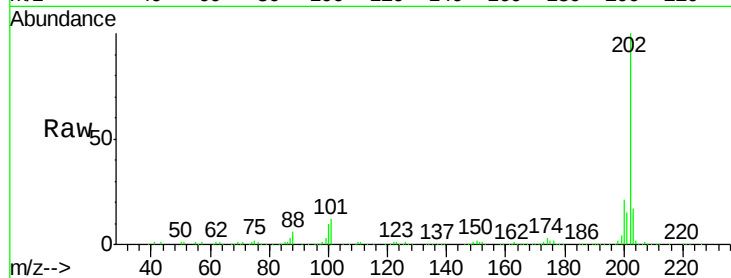
ClientSampleId :

CL-01-060517-C

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	261495		
101	12.4	0.0	33.2	
203	17.2	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

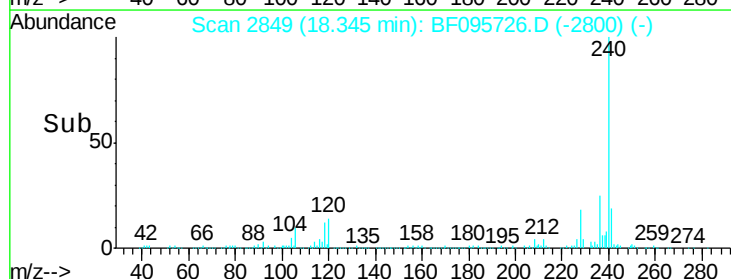
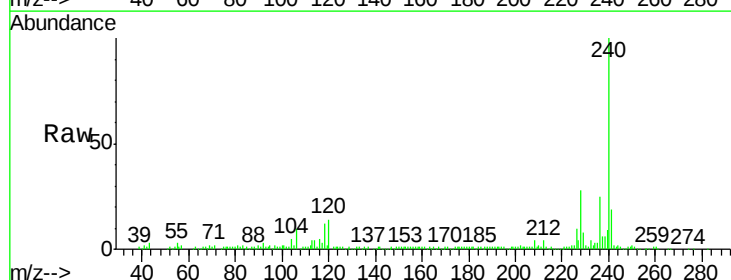
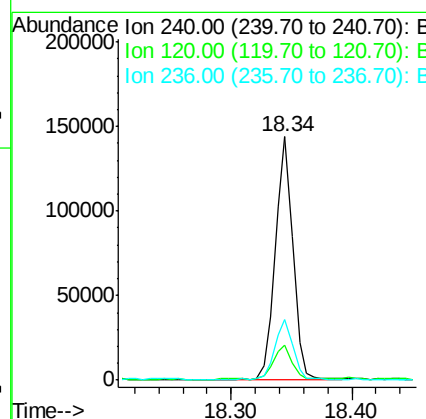
RT: 18.34 min Scan# 2849

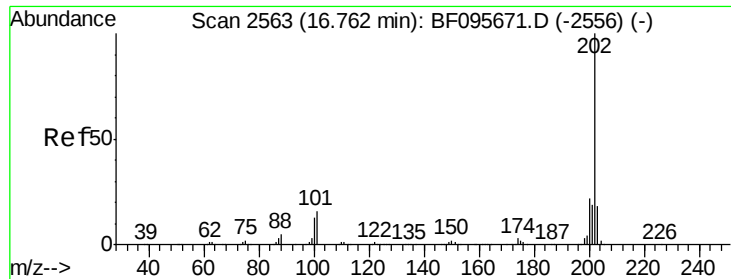
Delta R.T. -0.01 min

Lab File: BF095726.D

Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	145931		
120	14.4	5.8	8.8#	
236	25.0	20.5	30.7	





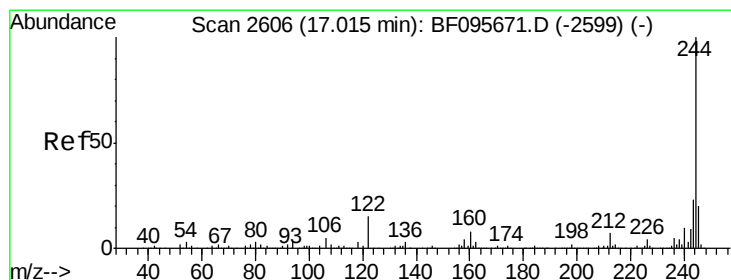
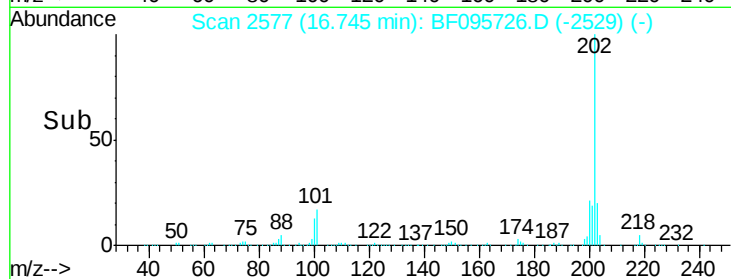
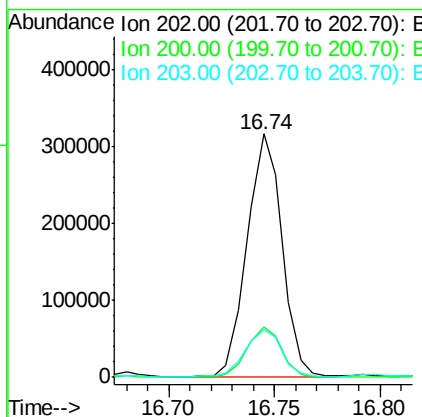
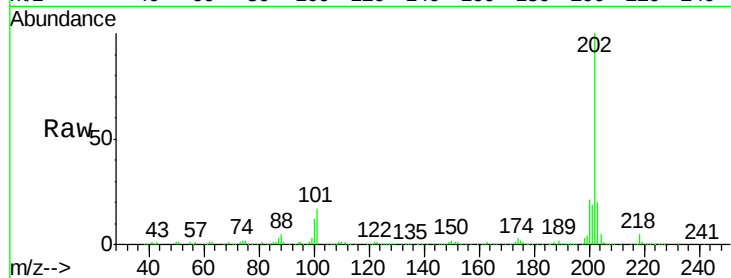
#77
 Pyrene
 Concen: 33.227 ng
 RT: 16.74 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.6	26.4
203	19.8	14.4	21.6

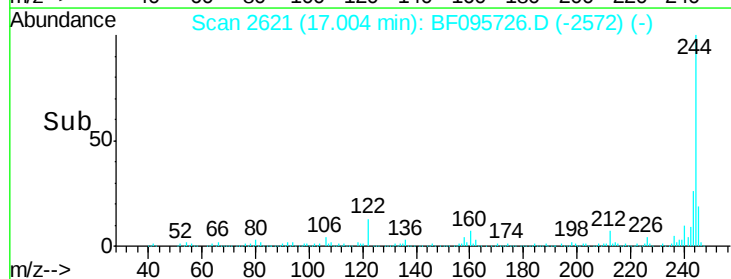
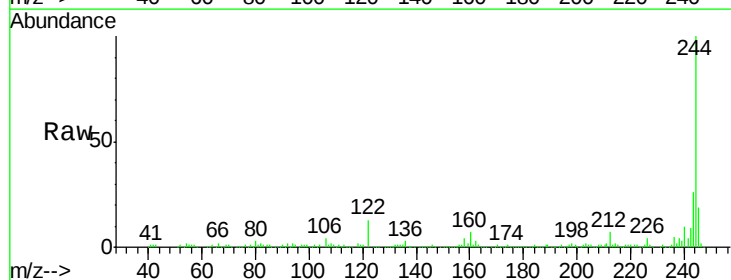
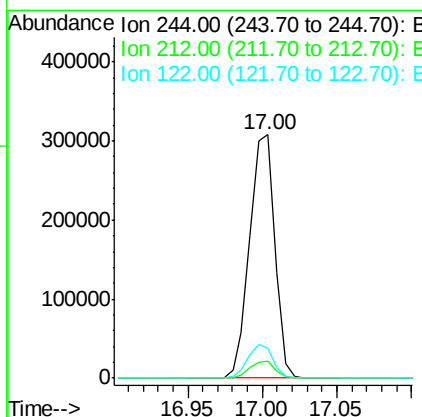
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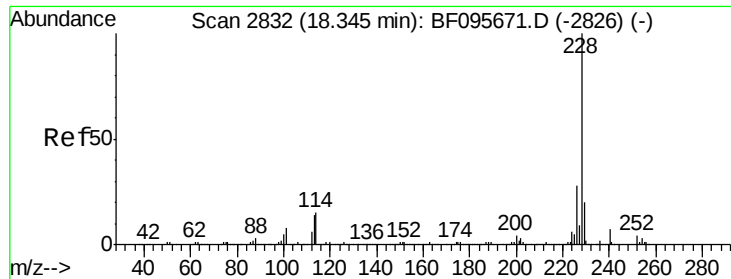
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#78
 Terphenyl-d14
 Concen: 60.860 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095726.D
 Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	12.5	10.3	15.5





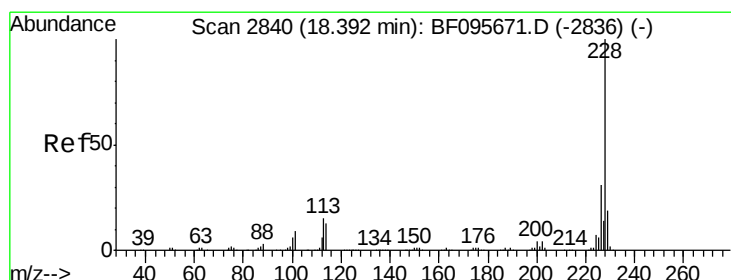
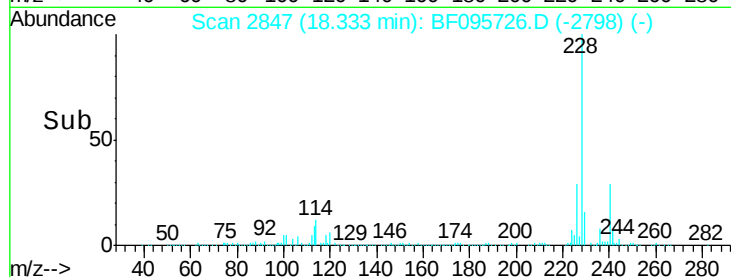
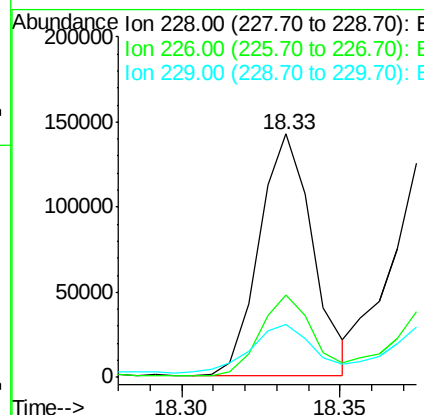
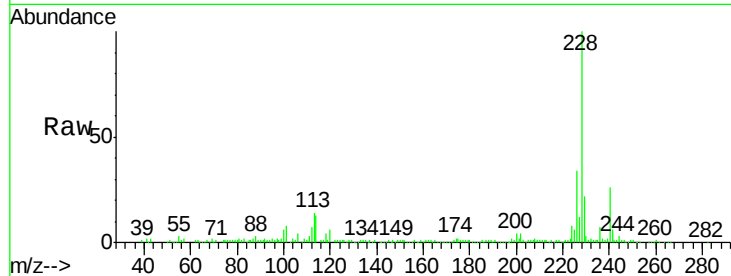
#80
Benzo(a)anthracene
Concen: 19.647 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-C

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	166692		
226	33.8	22.6	33.8	
229	21.8	16.3	24.5	

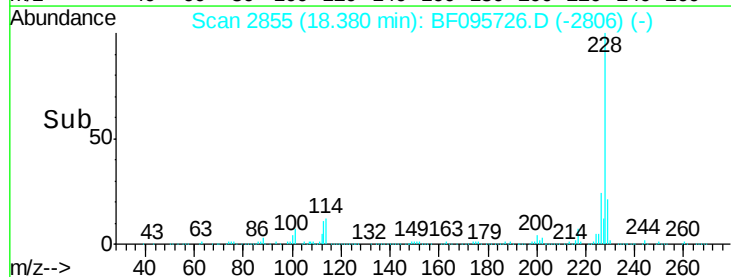
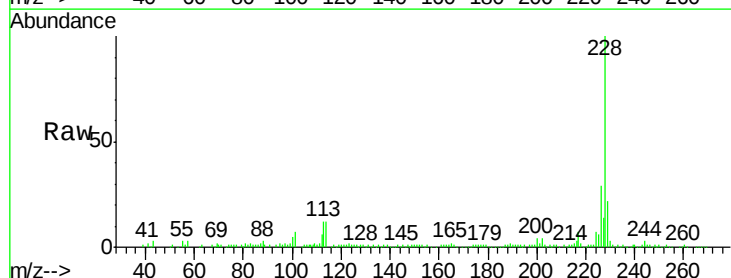
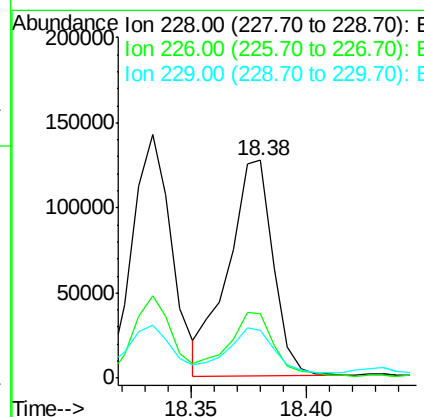
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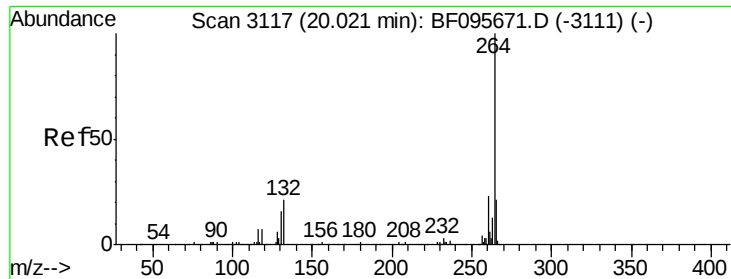
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#82
Chrysene
Concen: 20.201 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	171285		
226	29.4	24.9	37.3	
229	22.0	15.8	23.6	





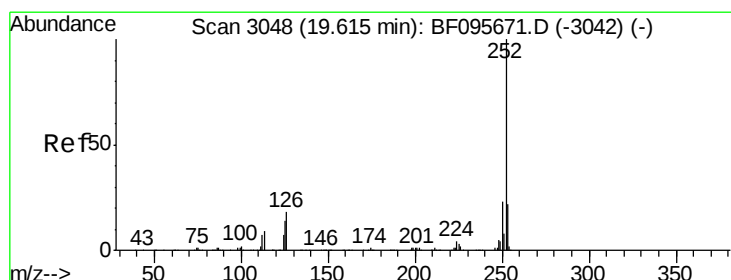
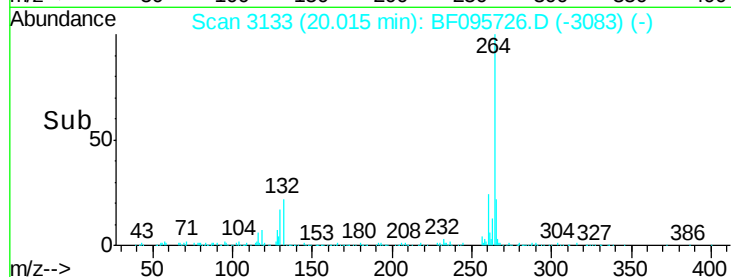
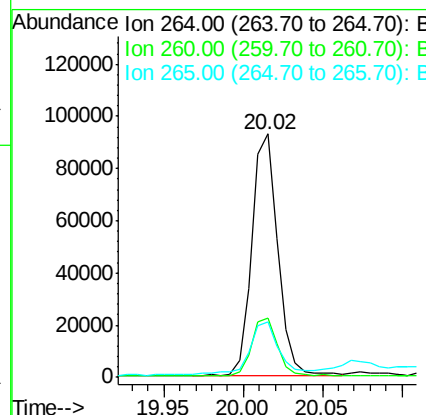
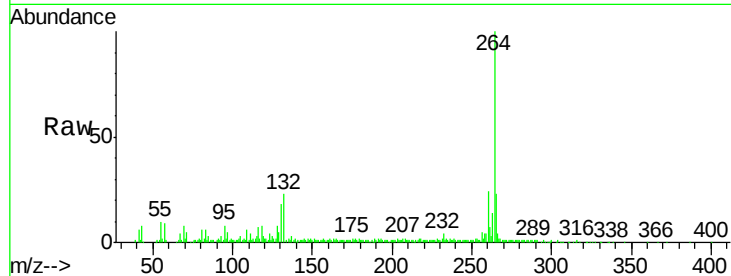
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-C

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	105927		
260	24.3		19.5	29.3
265	22.8		17.2	25.8

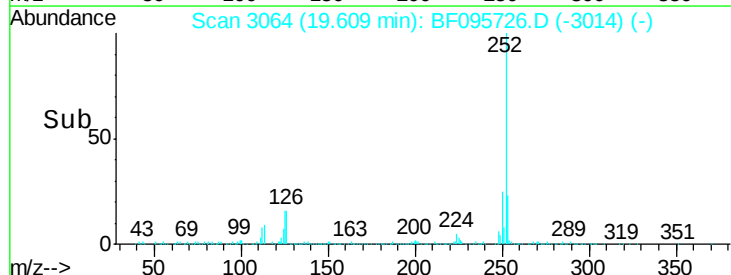
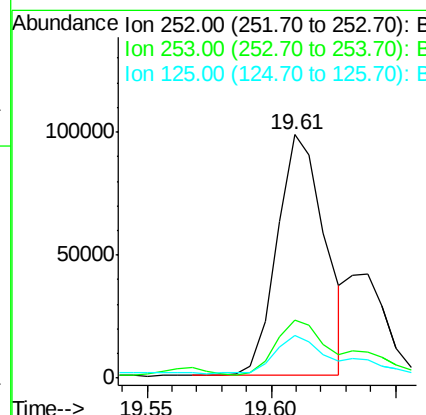
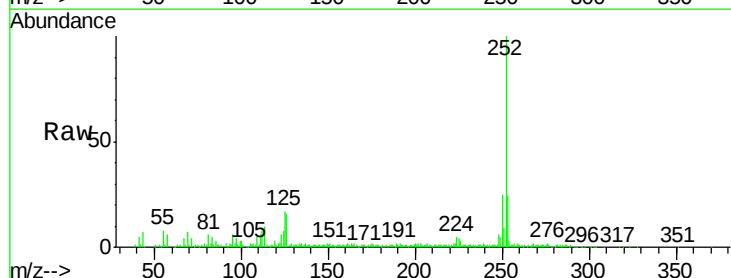
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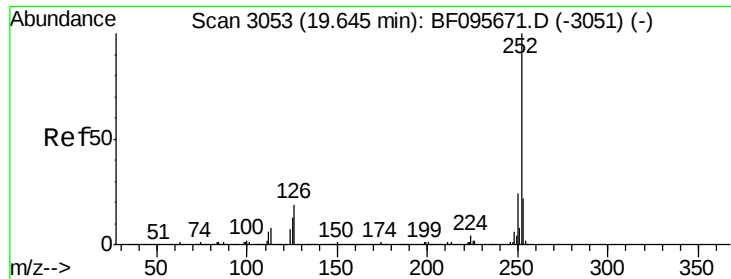
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#87
Benzo(b)fluoranthene
Concen: 19.750 ng m
RT: 19.61 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	130999		
253	23.6		18.1	27.1
125	17.5		9.8	14.8#





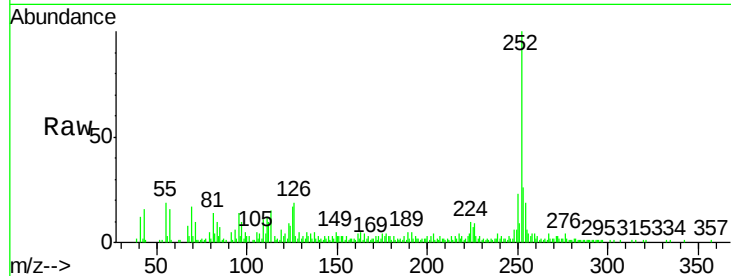
#88
Benzo(k)fluoranthene
Concen: 7.177 ng m
RT: 19.64 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-C

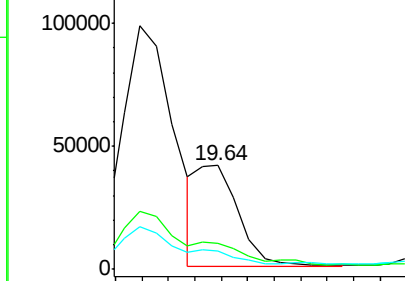
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	17.5	13.1	19.7

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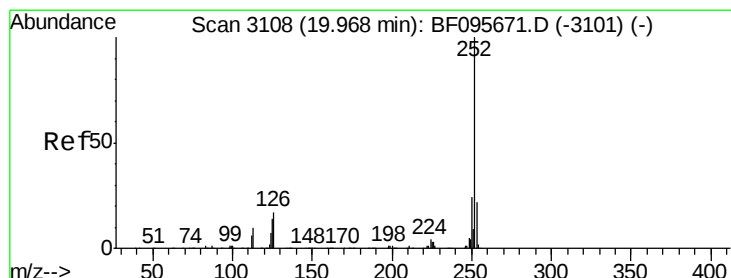
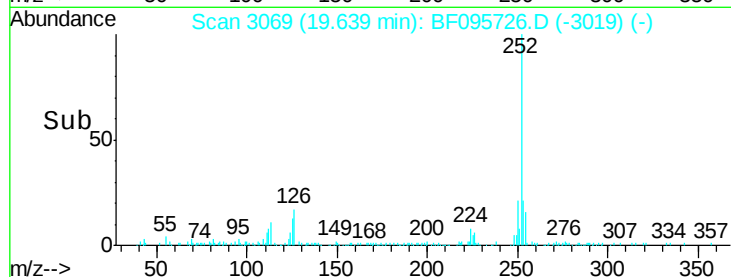
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



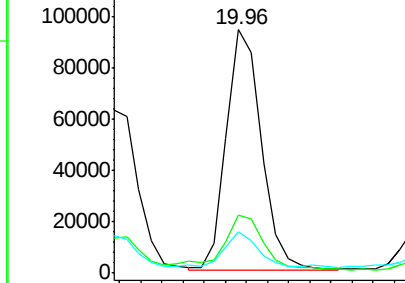
Time--> 19.60 19.65 19.70



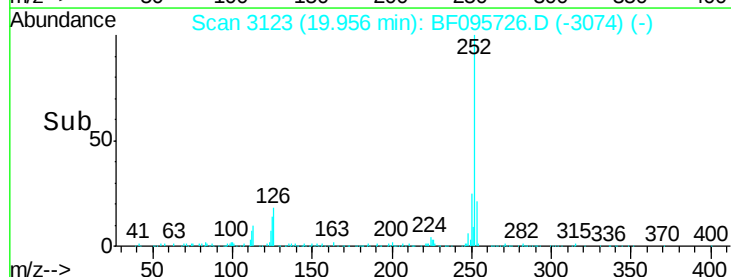
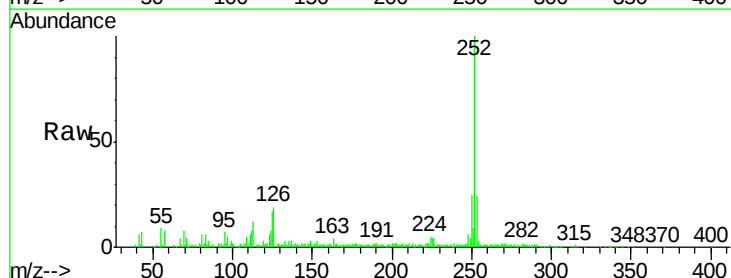
#89
Benzo(a)pyrene
Concen: 17.846 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

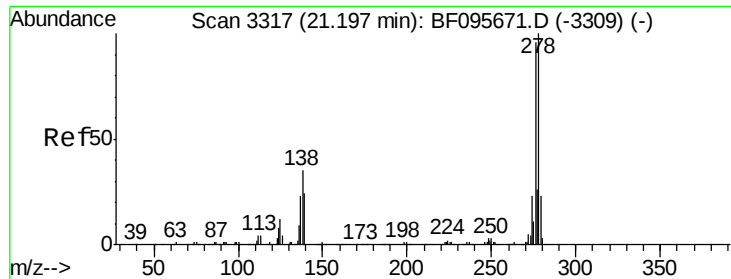
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	16.8	11.0	16.4#

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



Time--> 19.90 19.95 20.00





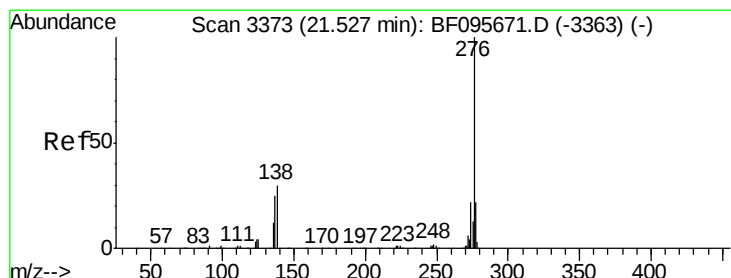
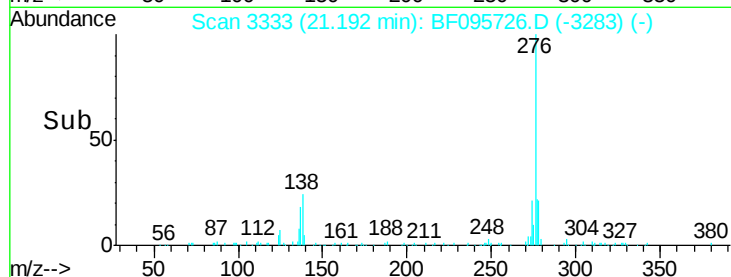
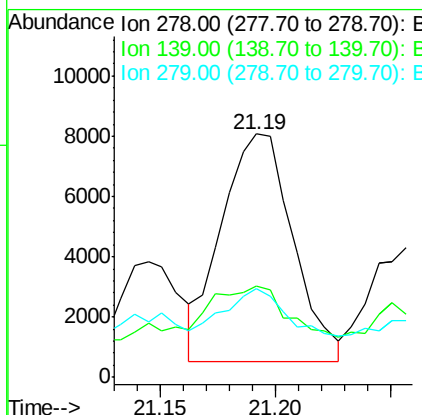
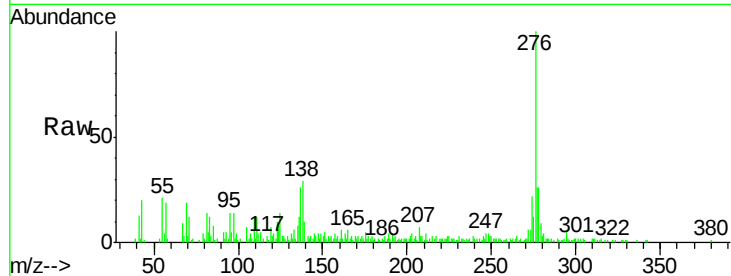
#90
Dibenzo(a,h)anthracene
Concen: 3.134 ng
RT: 21.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-C

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.5	16.6	24.8#
279	36.4	19.3	28.9#

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#91
Benzo(g,h,i)perylene
Concen: 9.609 ng
RT: 21.53 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	34.5	25.4	38.0

