

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096794.D
 Acq On : 15 Jul 2017 1:47
 Operator : SJ/JU
 Sample : I4187-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB4-0-2

Manual Integrations
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Quant Time: Jul 15 03:25:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	103289	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	428131	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	174588	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	248839	20.00	ng	-0.02
75) Chrysene-d12	13.76	240	210890	20.00	ng	-0.02
86) Perylene-d12	15.14	264	212956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	669255	97.42	ng	0.00
7) Phenol-d6	6.27	99	790779	95.93	ng	0.00
23) Nitrobenzene-d5	7.19	82	471661	68.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	135218	90.73	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	816970	73.93	ng	-0.01
78) Terphenyl-d14	12.72	244	481536	39.60	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	96250	7.322	ng	98
70) Phenanthrene	11.15	178	37064	2.739	ng	97
74) Fluoranthene	12.34	202	71906	5.552	ng	97
77) Pyrene	12.56	202	69658	3.640	ng	99
80) Benzo(a)anthracene	13.74	228	35076	2.669	ng	96
82) Chrysene	13.78	228	36029	2.785	ng	97
85) Indeno(1,2,3-cd)pyrene	16.43	276	21362	5.044	ng	97
87) Benzo(b)fluoranthene	14.76	252	50517m	3.933	ng	
89) Benzo(a)pyrene	15.08	252	34140	2.898	ng	# 96

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

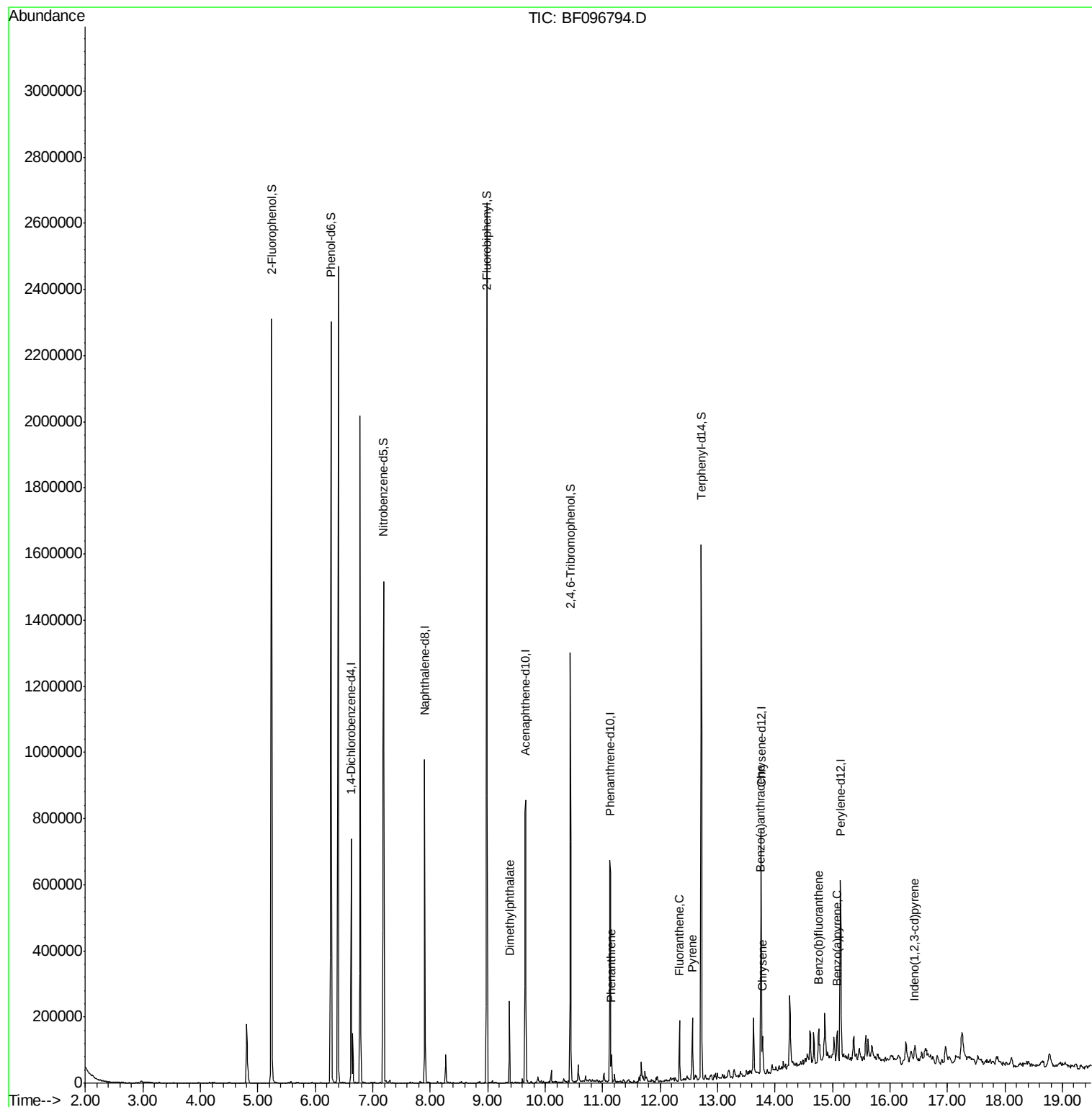
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

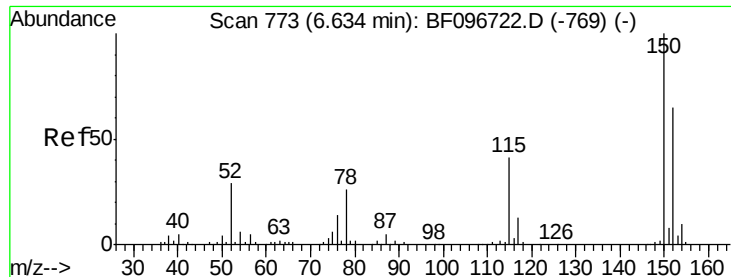
Instrument :
BNA_F
ClientSampleId :
CI-SB4-0-2

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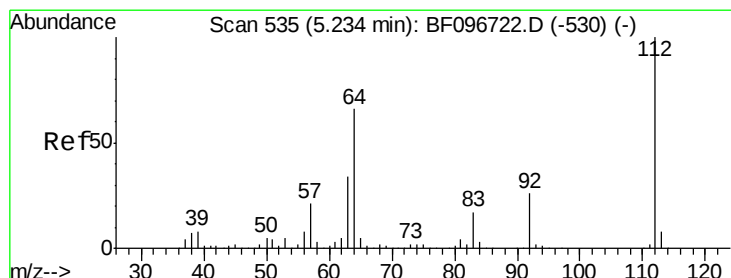
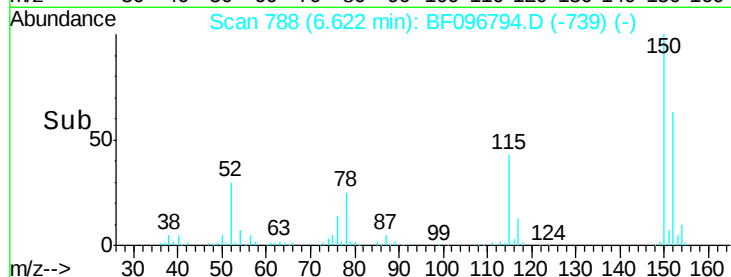
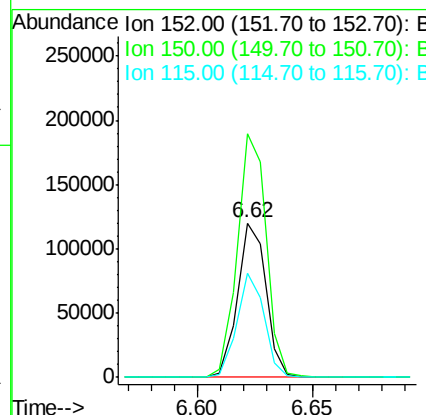
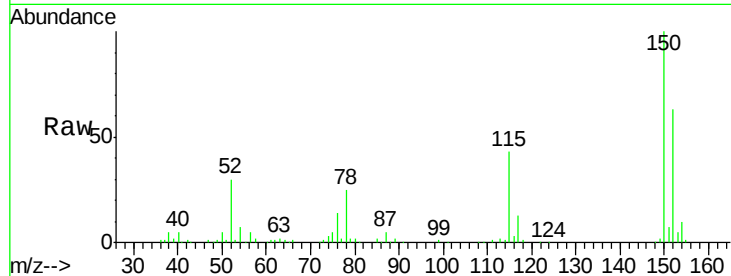
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB4-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	67.1	52.2	78.2

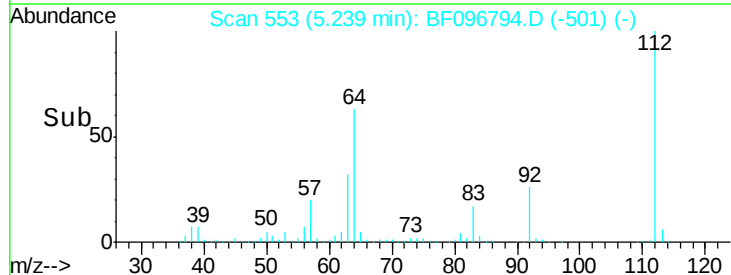
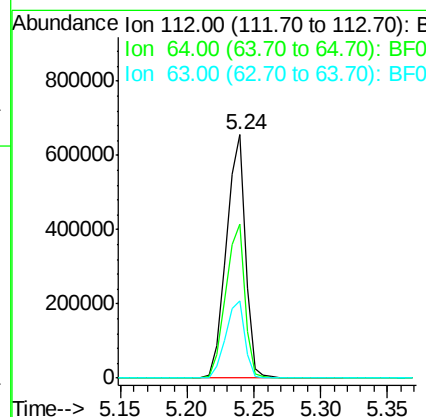
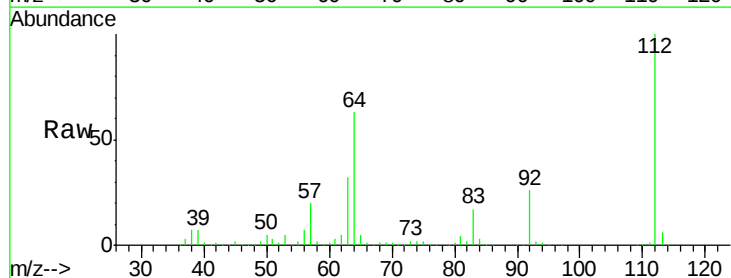
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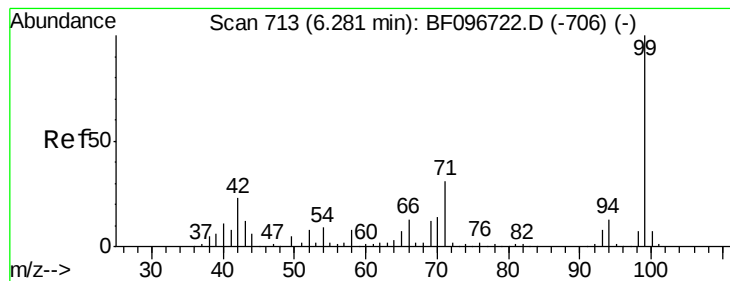
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#5
 2-Fluorophenol
 Concen: 97.424 ng
 RT: 5.24 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.0	69.0
63	31.9	23.4	35.0





#7

Phenol-d6

Concen: 95.926 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Instrument :

BNA_F

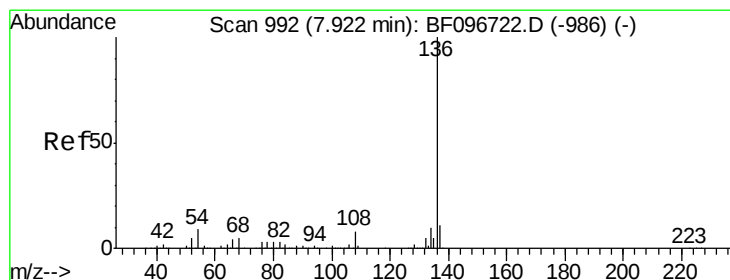
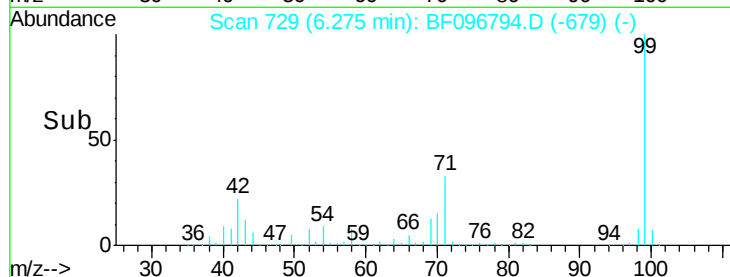
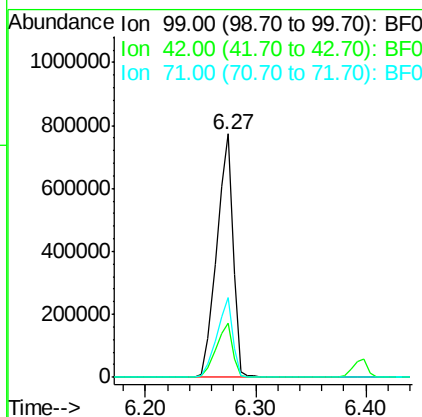
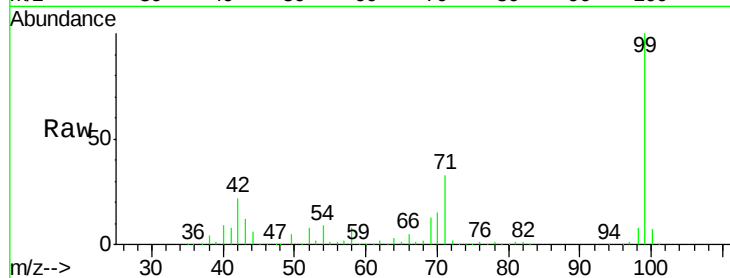
ClientSampled :

CI-SB4-0-2

Tgt Ion:	99	Resp:	790779
Ion Ratio	Lower	Upper	
99	100		
42	22.5	13.5	20.3#
71	33.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

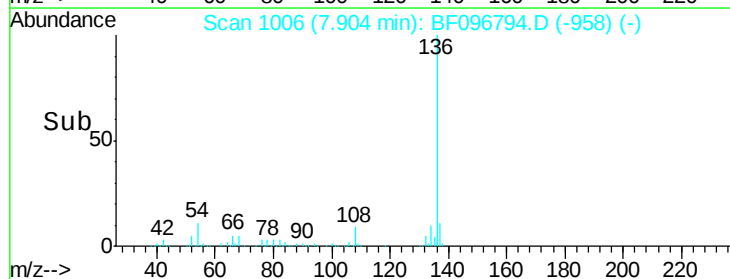
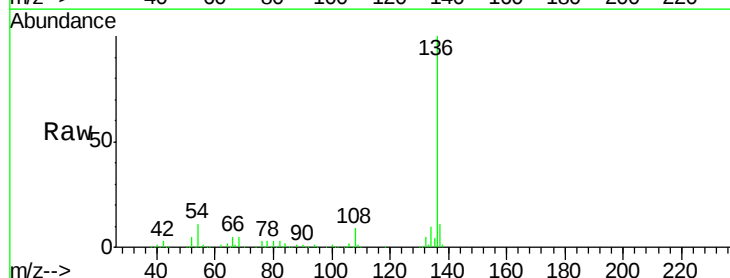
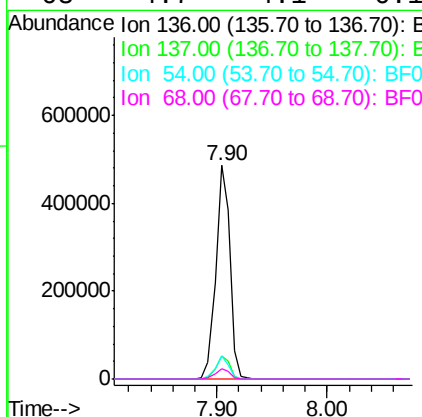
RT: 7.90 min Scan# 1006

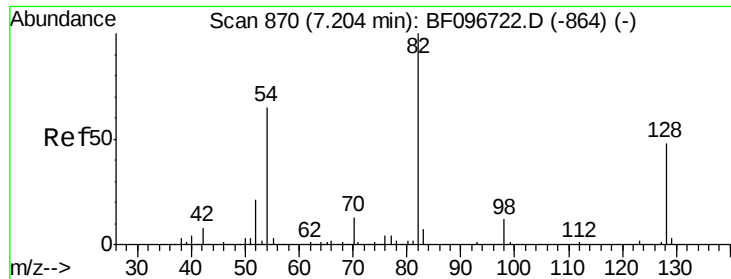
Delta R.T. -0.02 min

Lab File: BF096794.D

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Tgt Ion:	136	Resp:	428131
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.8	4.9	7.3#
68	4.7	4.1	6.1





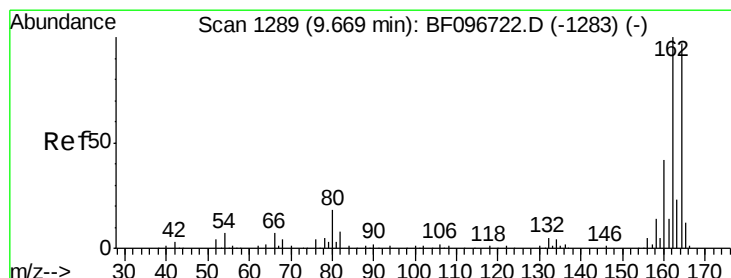
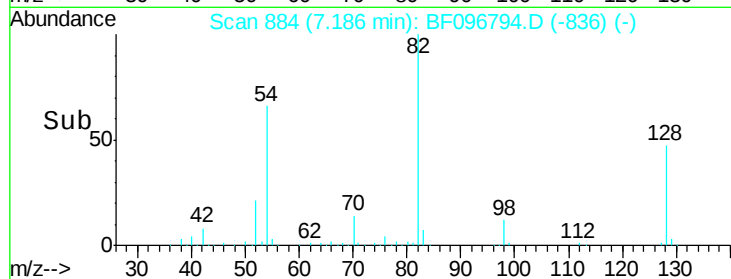
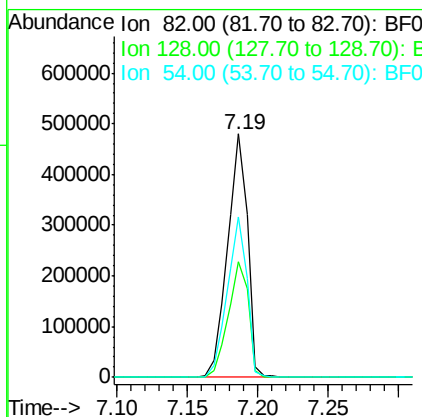
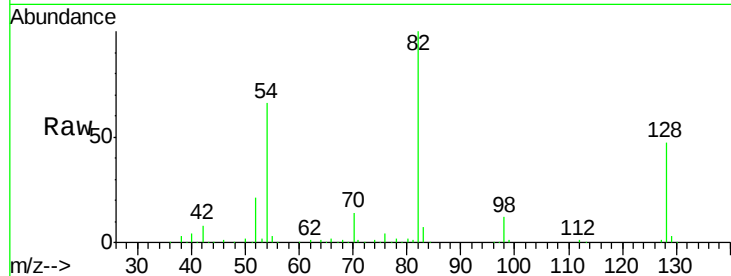
#23
 Nitrobenzene-d5
 Concen: 68.239 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB4-0-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	65.7	42.2	63.2

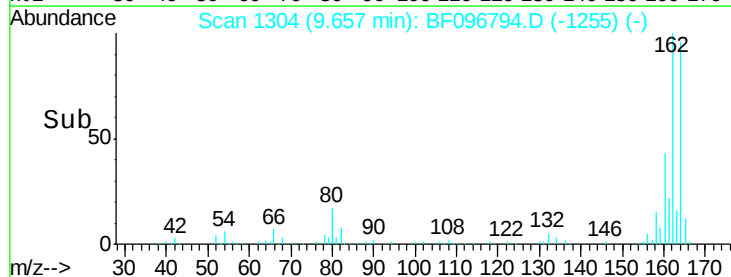
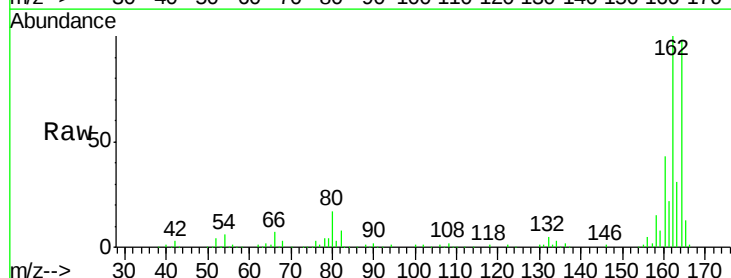
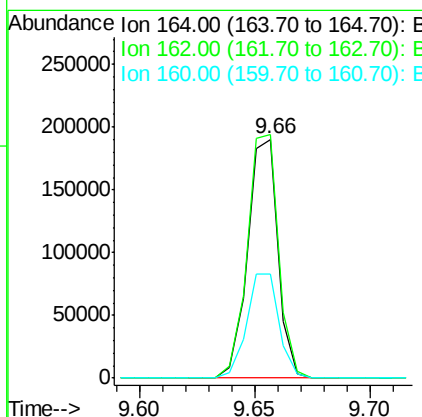
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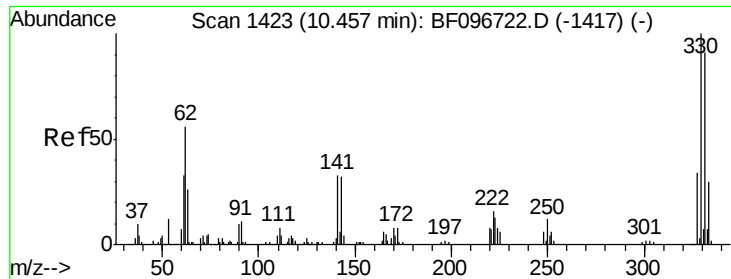
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	43.9	36.2	54.2





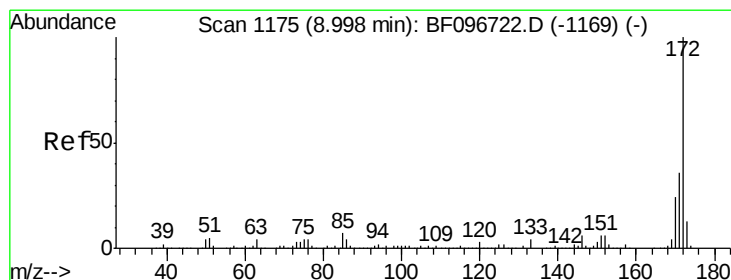
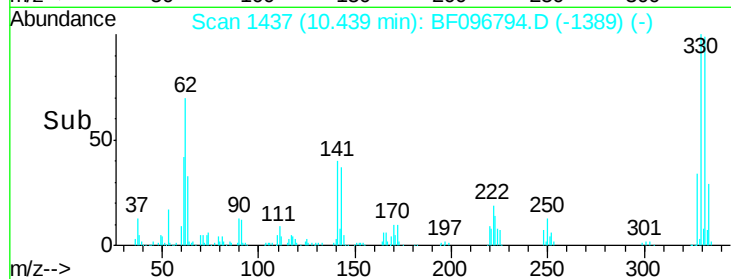
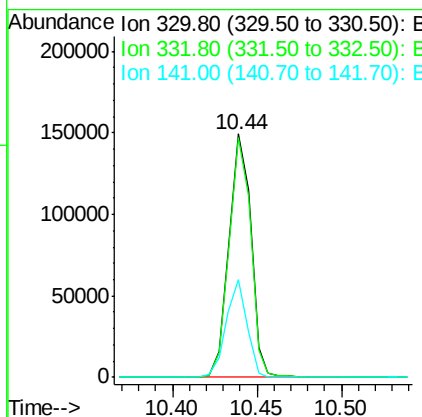
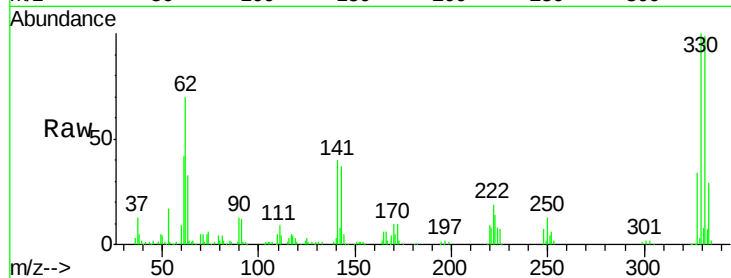
#41
 2,4,6-Tribromophenol
 Concen: 90.735 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB4-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135218		
332	97.1	76.6	115.0	
141	37.9	31.4	47.2	

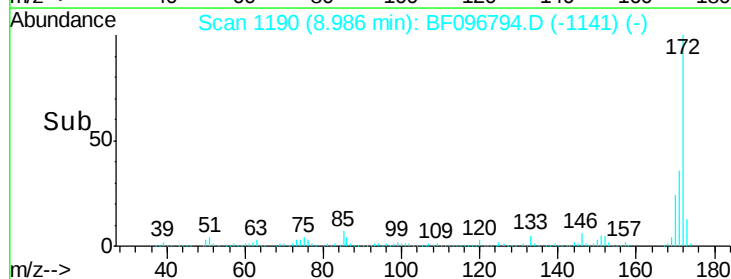
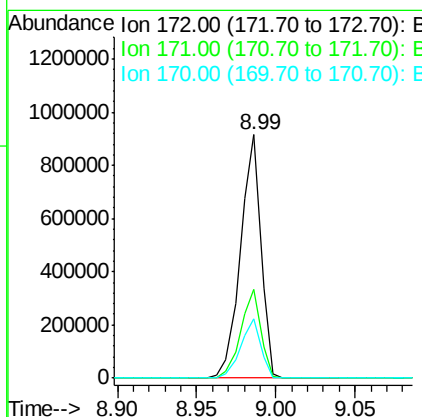
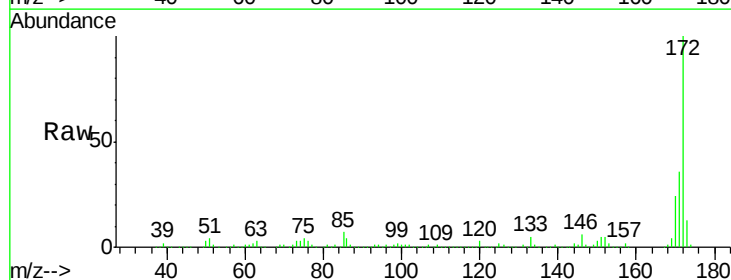
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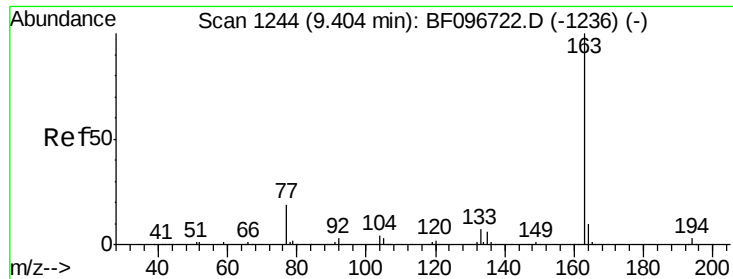
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#44
 2-Fluorobiphenyl
 Concen: 73.931 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	816970		
171	36.3	29.6	44.4	
170	24.2	19.8	29.8	





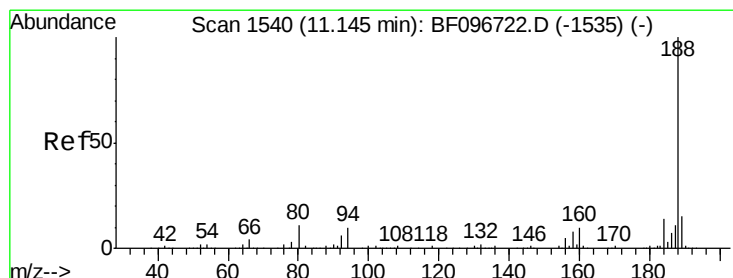
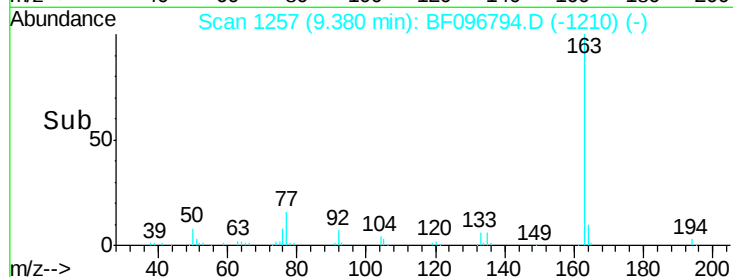
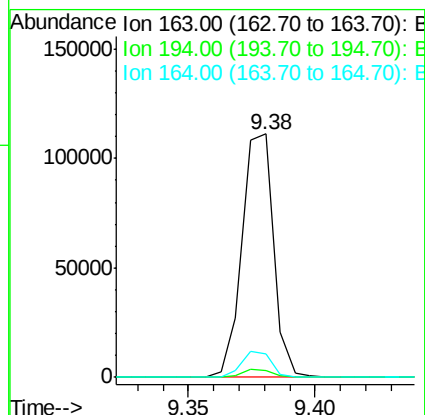
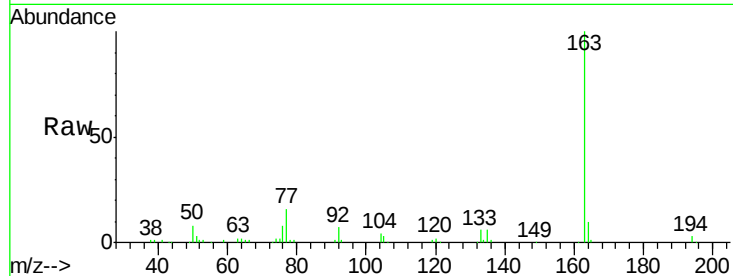
#49
Dimethylphthalate
Concen: 7.322 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096794.D
Acq: 15 Jul 2017 1:47

Instrument :
BNA_F
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CI-SB4-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	9.5	8.4	12.6

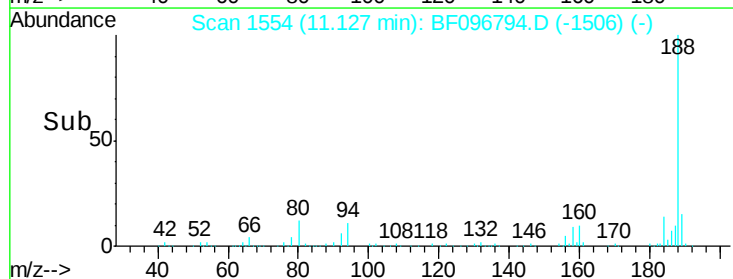
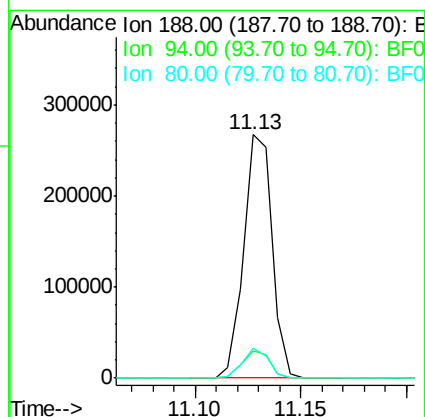
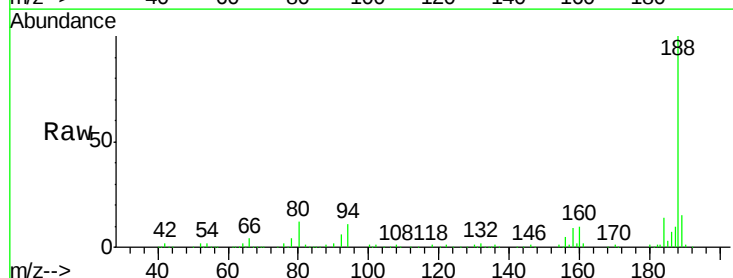
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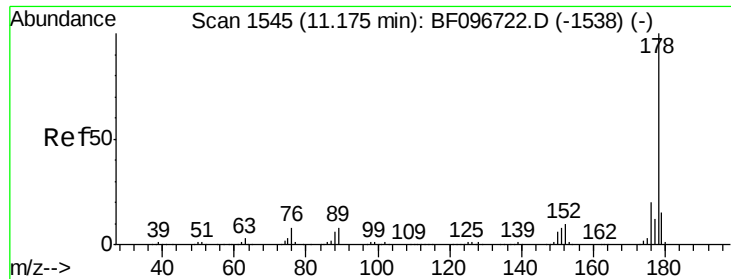
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096794.D
Acq: 15 Jul 2017 1:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	9.4	14.2
80	12.1	10.2	15.2





#70

Phenanthrene

Concen: 2.739 ng

RT: 11.15 min Scan# 1558

Delta R.T. -0.02 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Instrument :

BNA_F

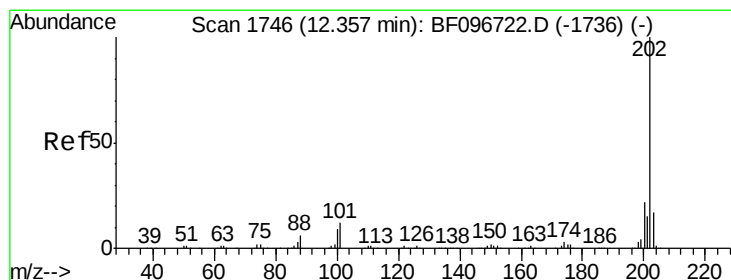
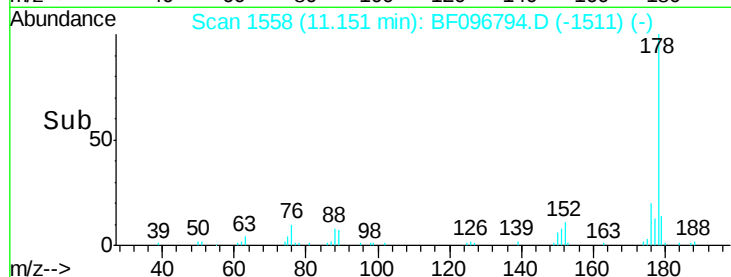
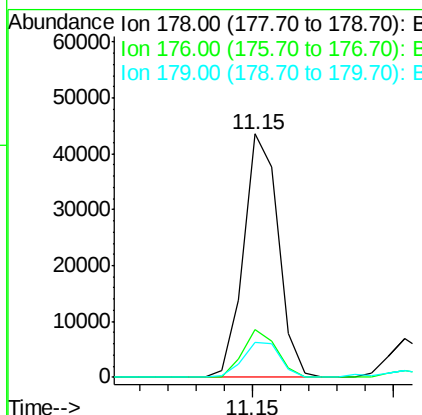
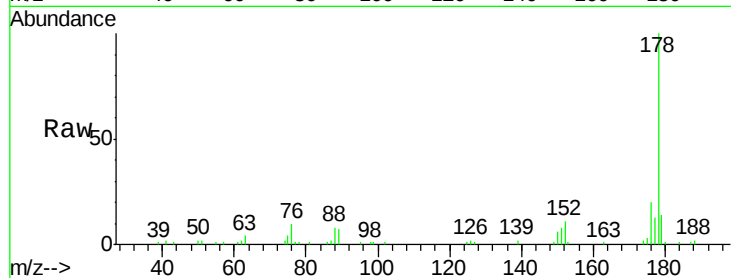
ClientSampleId :

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Tgt Ion:	178	Resp:	37064
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.2	24.4
179	14.2	12.6	19.0

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#74

Fluoranthene

Concen: 5.552 ng

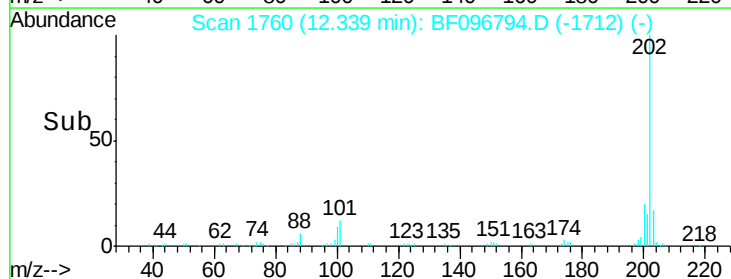
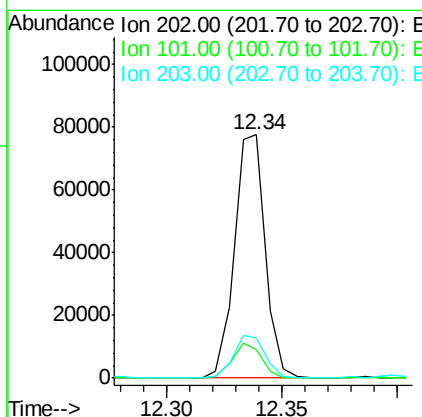
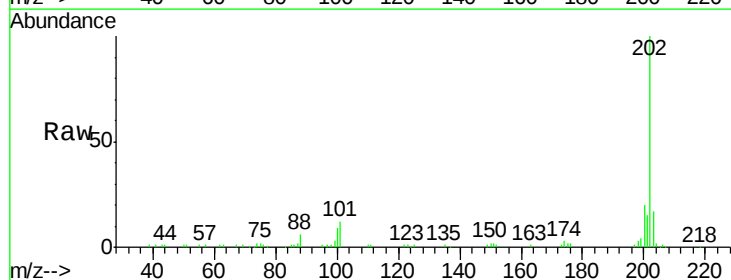
RT: 12.34 min Scan# 1760

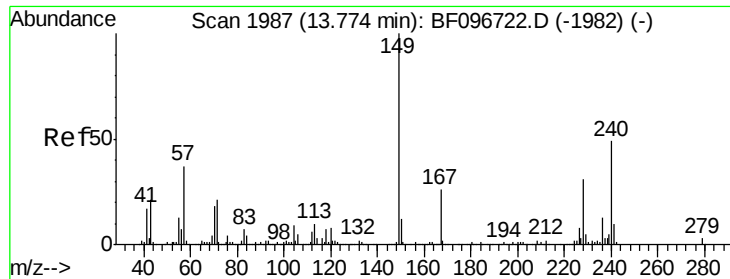
Delta R.T. -0.02 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Tgt Ion:	202	Resp:	71906
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	33.2
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Instrument :

BNA_F

ClientSampleId :

CI-SB4-0-2

Tgt Ion:240 Resp: 210890
Ion Ratio Lower Upper

240 100

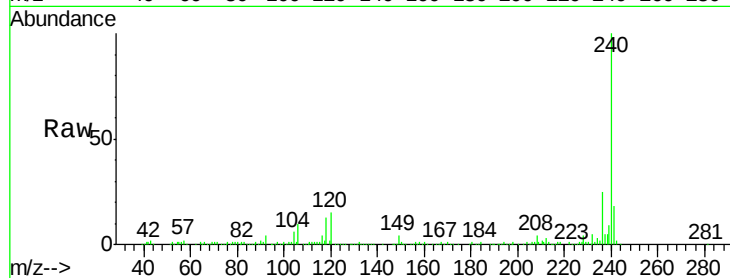
120 15.2 5.8 8.8#

236 24.6 20.5 30.7

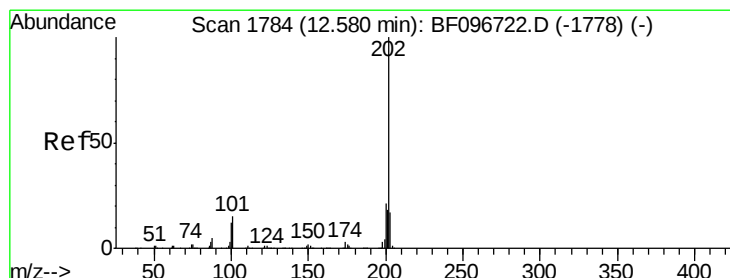
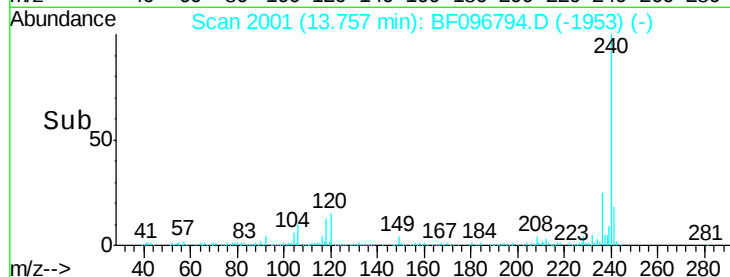
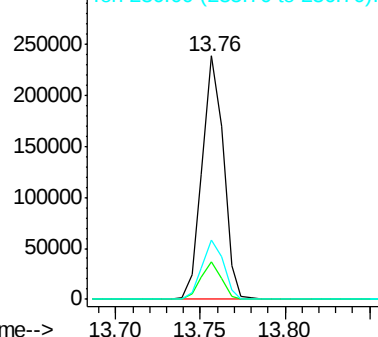
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.640 ng

RT: 12.56 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BF096794.D

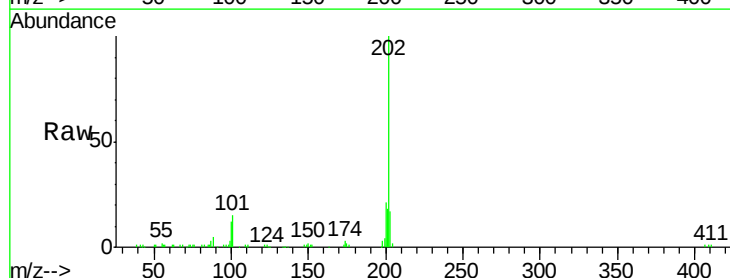
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Tgt Ion:202 Resp: 69658
Ion Ratio Lower Upper

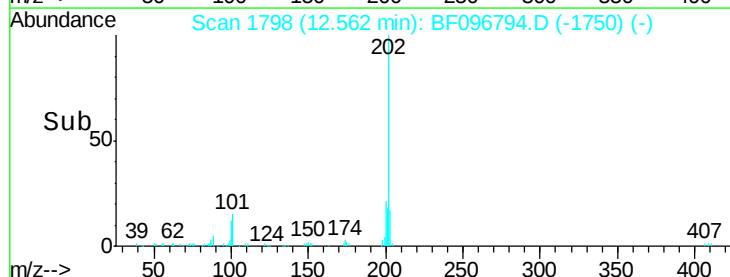
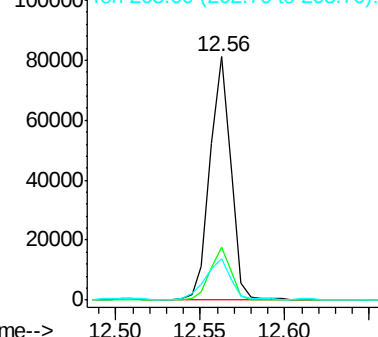
202 100

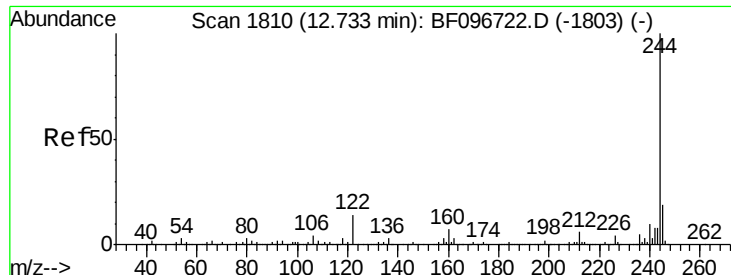
200 21.5 17.6 26.4

203 17.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 39.599 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Instrument :

BNA_F

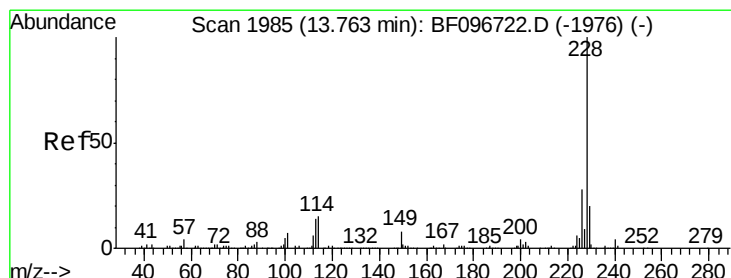
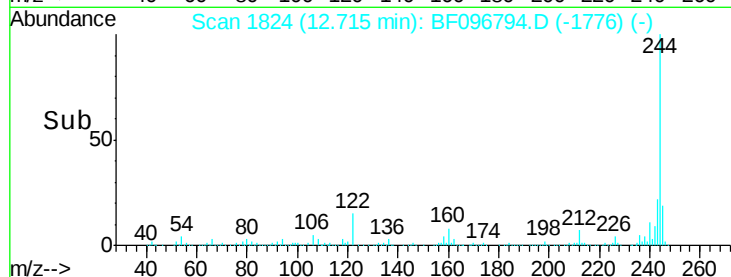
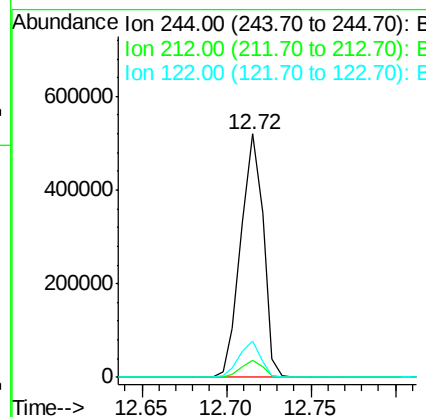
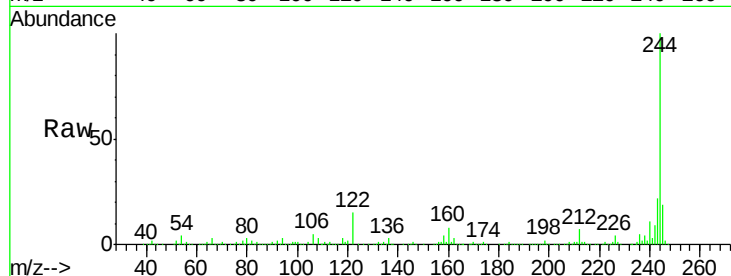
ClientSampleId :

CI-SB4-0-2

Tgt Ion:	244	Resp:	481536
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	14.7	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 2.669 ng

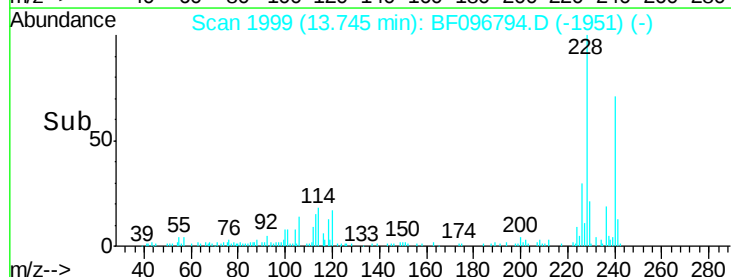
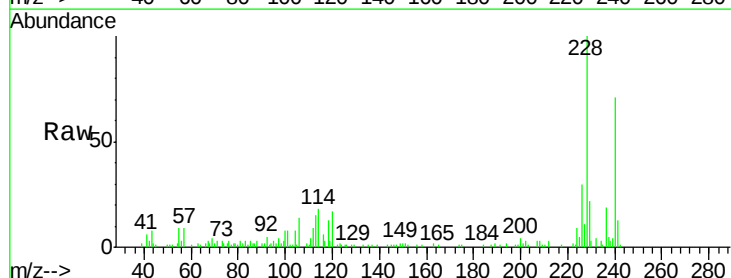
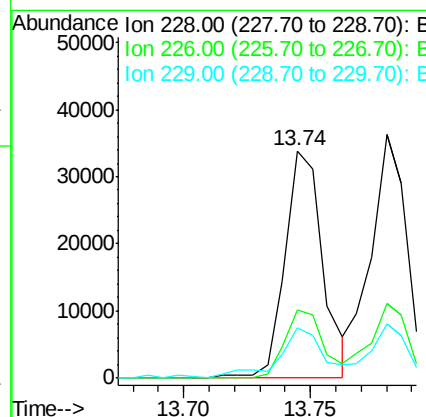
RT: 13.74 min Scan# 1999

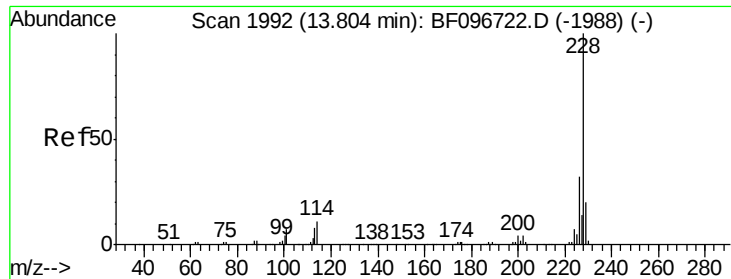
Delta R.T. -0.02 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Tgt Ion:	228	Resp:	35076
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	22.2	16.3	24.5





#82

Chrysene

Concen: 2.785 ng

RT: 13.78 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Instrument :

BNA_F

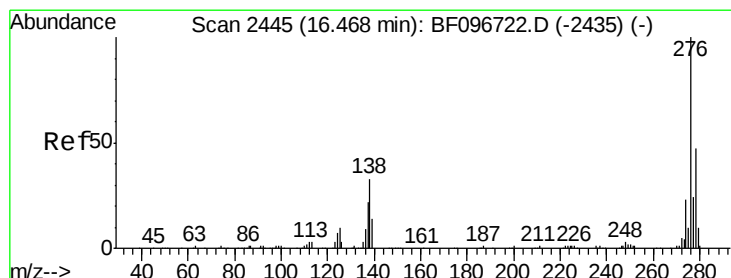
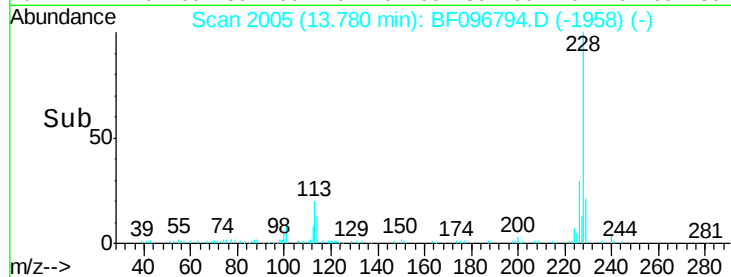
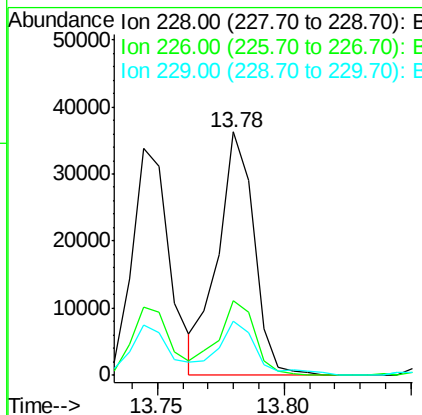
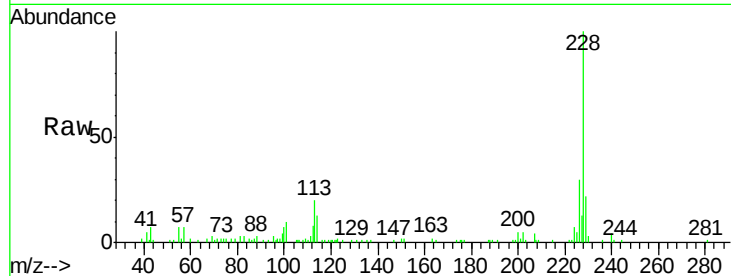
ClientSampleId :

CI-SB4-0-2

Tgt Ion:	228	Resp:	36029
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	22.3	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.044 ng

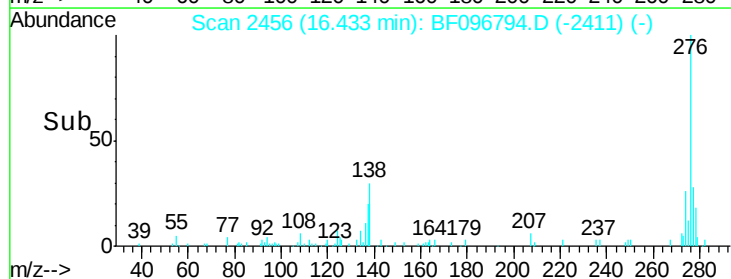
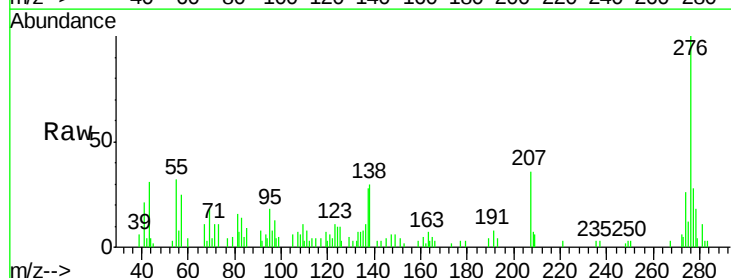
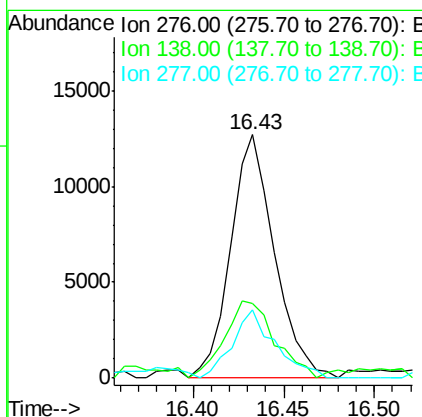
RT: 16.43 min Scan# 2456

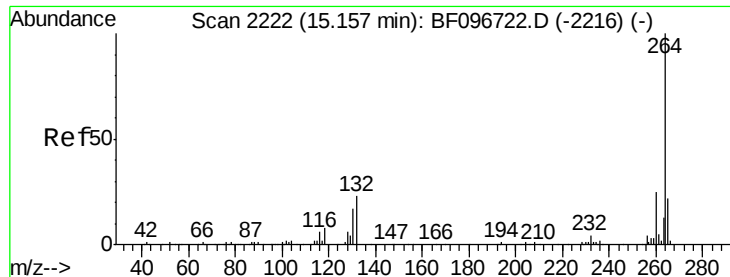
Delta R.T. -0.04 min

Lab File: BF096794.D

Acq: 15 Jul 2017 1:47

Tgt Ion:	276	Resp:	21362
Ion Ratio	Lower	Upper	
276	100		
138	36.0	27.8	41.6
277	27.3	20.2	30.4





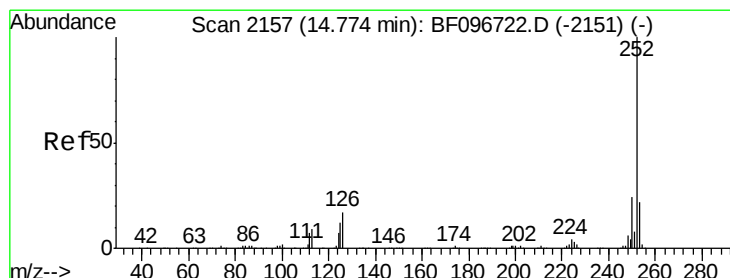
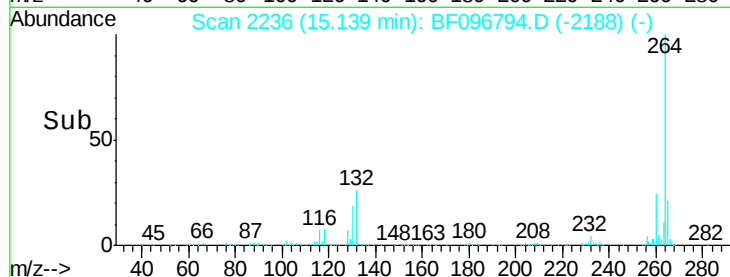
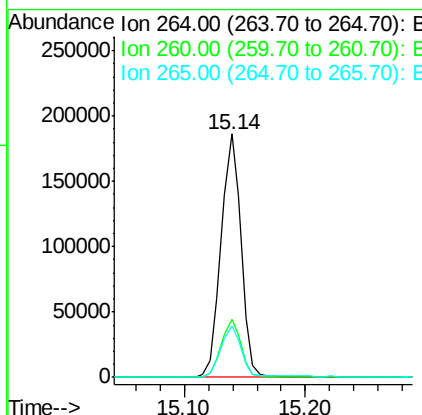
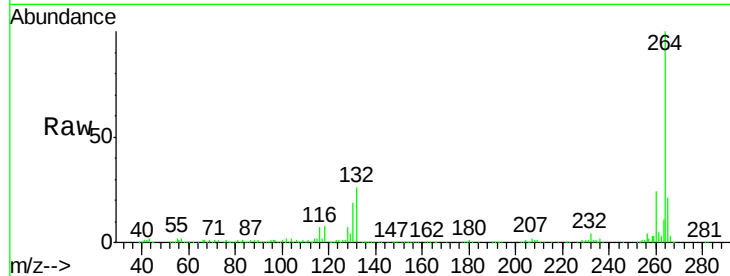
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096794.D
Acq: 15 Jul 2017 1:47

Instrument :
BNA_F
ClientSampleId :
CI-SB4-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	212956		
260	23.8	19.5	29.3	
265	21.4	17.2	25.8	

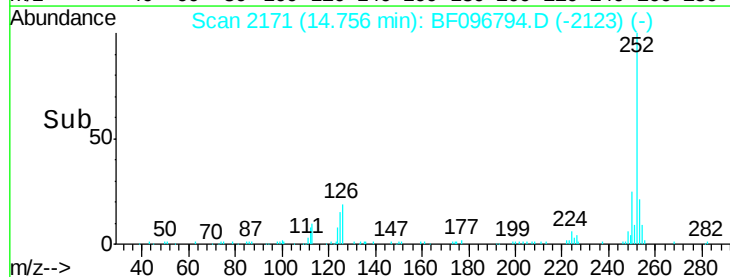
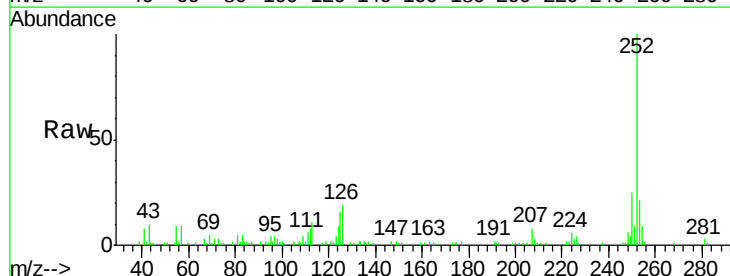
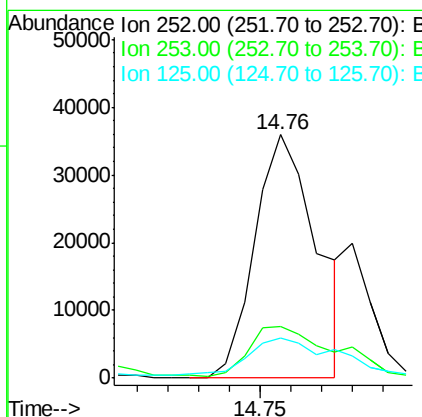
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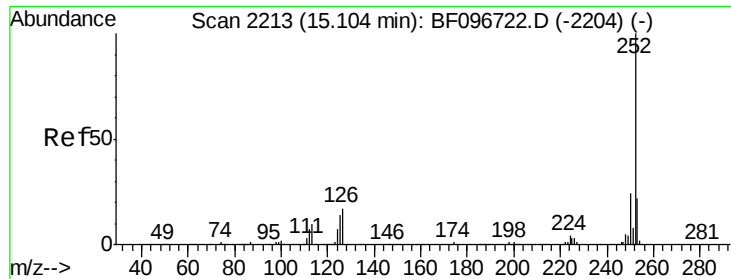
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#87
Benzo(b)fluoranthene
Concen: 3.933 ng m
RT: 14.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096794.D
Acq: 15 Jul 2017 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	50517		
253	21.1	18.1	27.1	
125	16.5	9.8	14.8#	





#89
 Benzo(a)pyrene
 Concen: 2.898 ng
 RT: 15.08 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BF096794.D
 Acq: 15 Jul 2017 1:47

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB4-0-2

Tgt Ion:	252	Resp:	34140
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.5	26.3
125	16.6	11.0	16.4

Manual Integrations
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