

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095795.D
 Acq On : 8 Jun 2017 21:34
 Operator : SJ/MA
 Sample : I3457-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-17

Manual Integrations
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Quant Time: Jun 09 02:35:08 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	7.37	152	73973	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	299788	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	129215	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	220720	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	149730	20.00	ng	-0.02
86) Perylene-d12	20.00	264	132204	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	518335	111.65	ng	-0.03
7) Phenol-d6	6.93	99	618747	111.33	ng	-0.03
23) Nitrobenzene-d5	8.29	82	358863	74.34	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	120257	105.19	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	590166	63.56	ng	-0.04
78) Terphenyl-d14	16.99	244	377927	62.64	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	98103	10.00	ng	99
70) Phenanthrene	14.65	178	137908	10.83	ng	98
74) Fluoranthene	16.43	202	225217	17.87	ng	98
77) Pyrene	16.73	202	195021	17.46	ng	97
80) Benzo(a)anthracene	18.32	228	78846	9.06	ng	97
82) Chrysene	18.36	228	82343	9.47	ng	98
83) Bis(2-ethylhexyl)phthalate	18.41	149	56773	8.25	ng	98
85) Indeno(1,2,3-cd)pyrene	21.18	276	39453	5.30	ng	# 92
87) Benzo(b)fluoranthene	19.60	252	94309m	11.39	ng	
88) Benzo(k)fluoranthene	19.63	252	31848m	4.02	ng	
89) Benzo(a)pyrene	19.94	252	64550	8.48	ng	# 96
91) Benzo(a,h,i)perylene	21.51	276	37870	5.76	ng	97

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

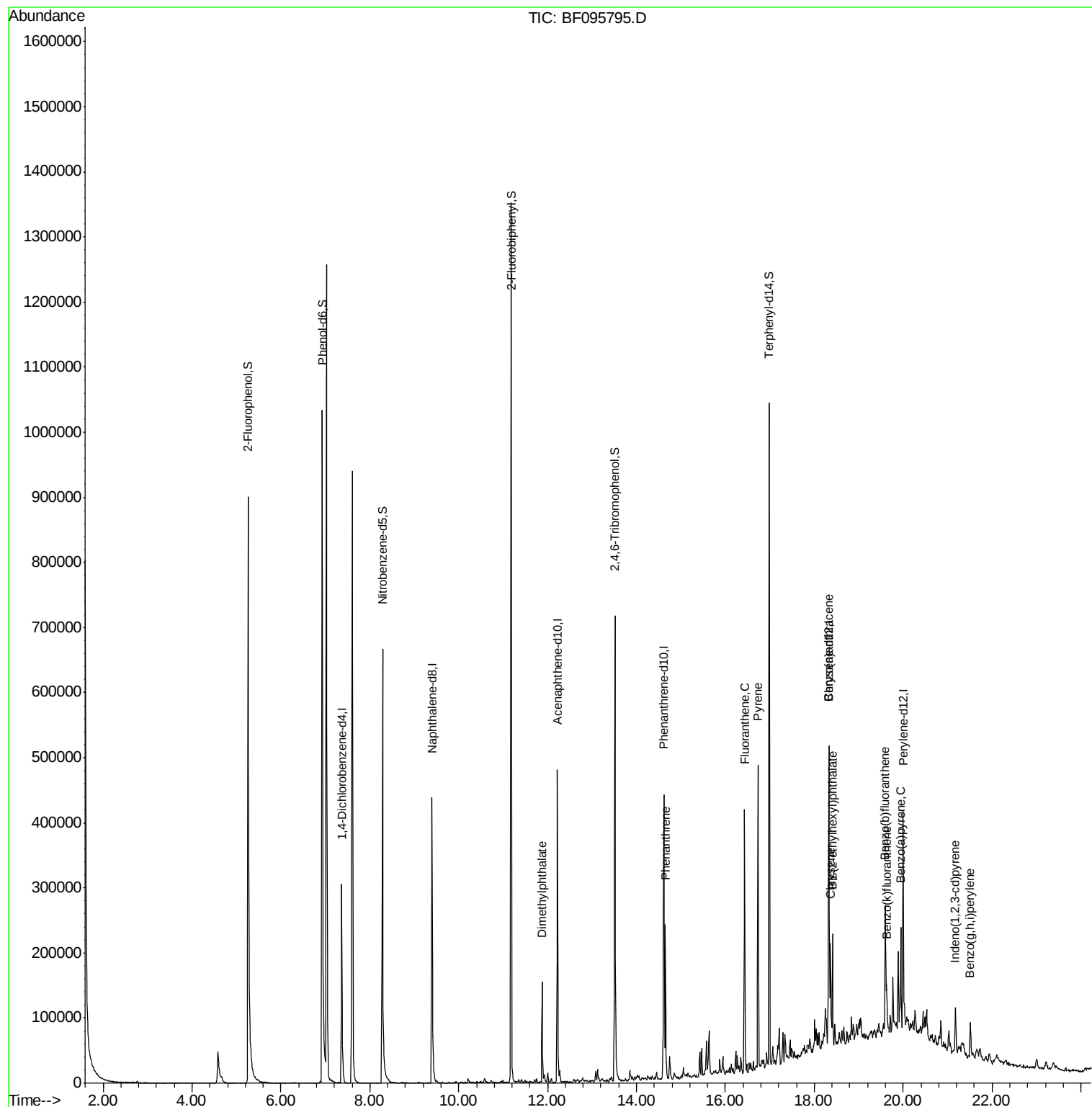
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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ALS Vial : 11 Sample Multiplier: 1

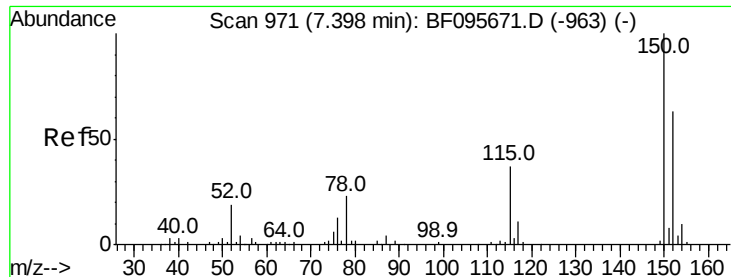
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#1

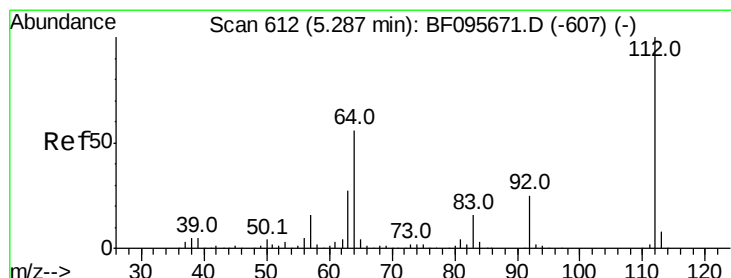
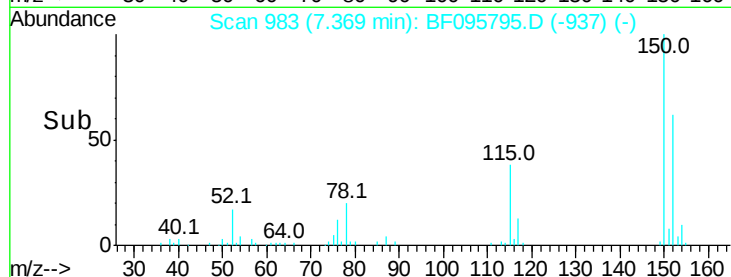
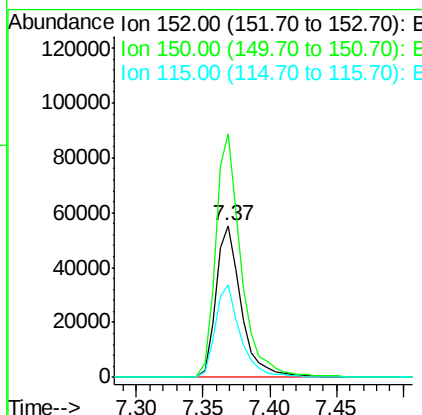
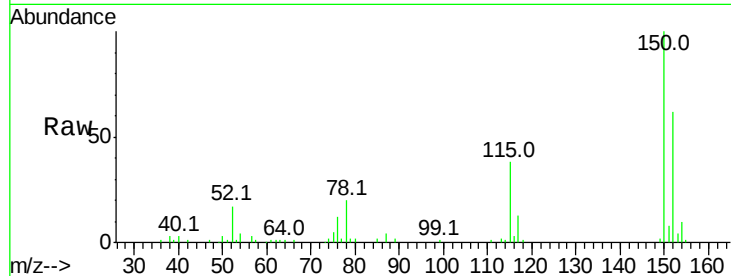
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	60.8	52.2	78.2

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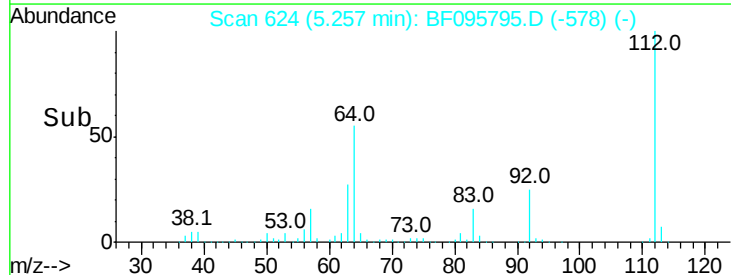
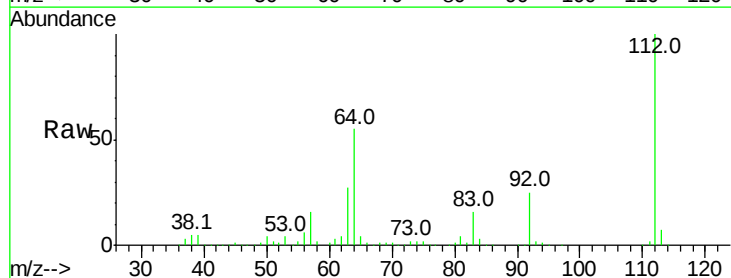
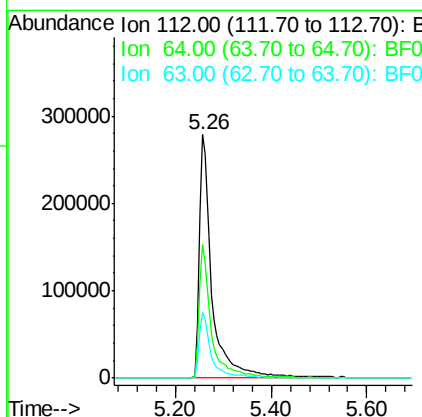
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#5

2-Fluorophenol
Concen: 111.65 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	27.2	23.4	35.0





#7

Phenol-d6

Concen: 111.33 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095795.D

Acq: 8 Jun 2017 21:34

Instrument :

BNA_F

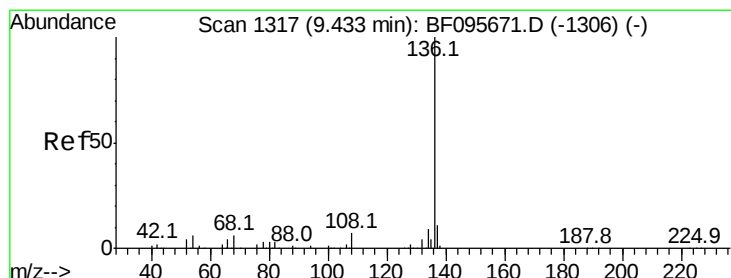
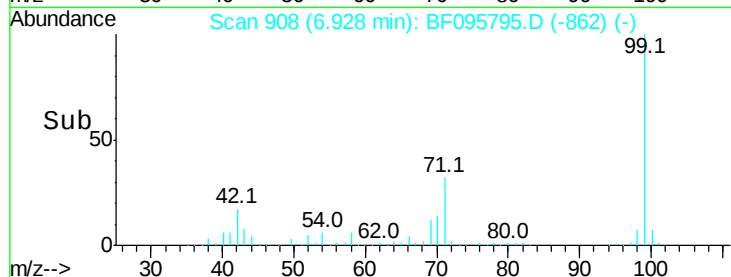
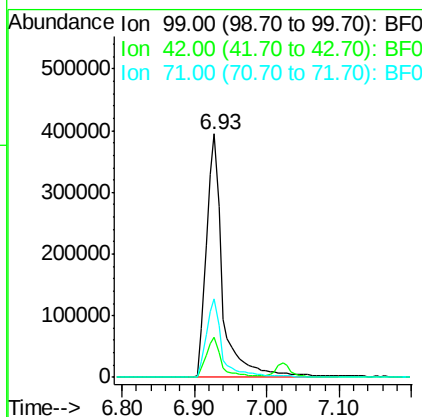
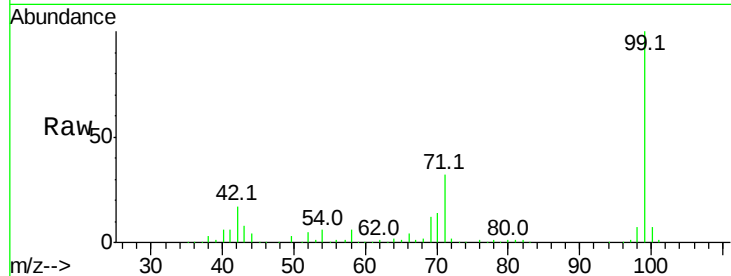
ClientSampled :

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Tot Ion:	99	Resp:	618747
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

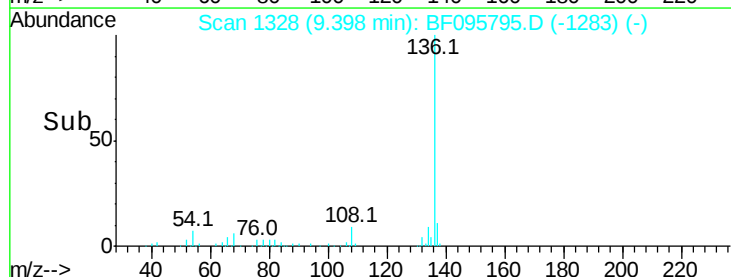
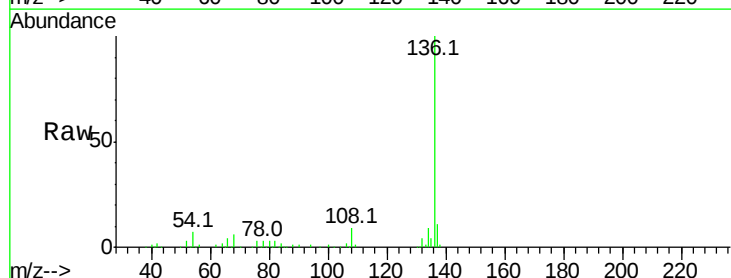
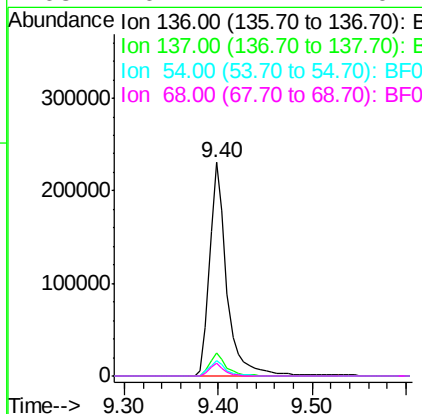
RT: 9.40 min Scan# 1328

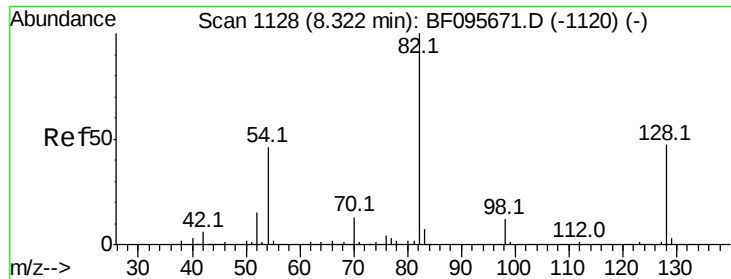
Delta R.T. -0.04 min

Lab File: BF095795.D

Acq: 8 Jun 2017 21:34

Tgt Ion:	136	Resp:	299788
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.0	4.9	7.3
68	6.1	4.1	6.1





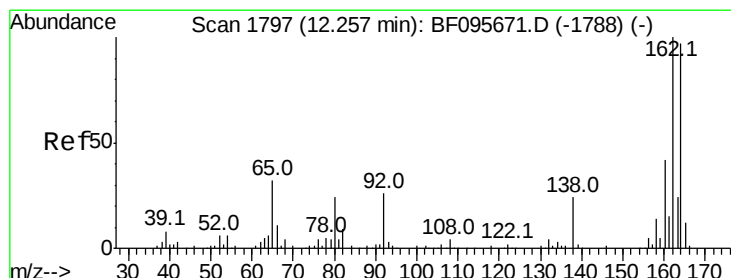
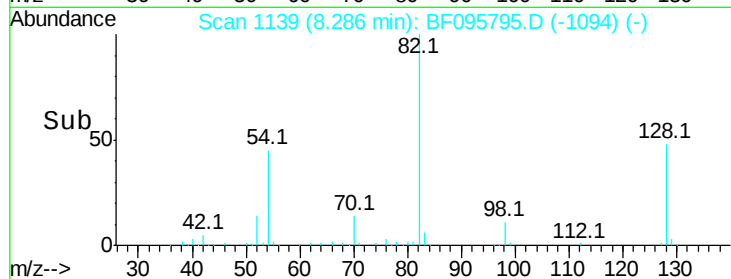
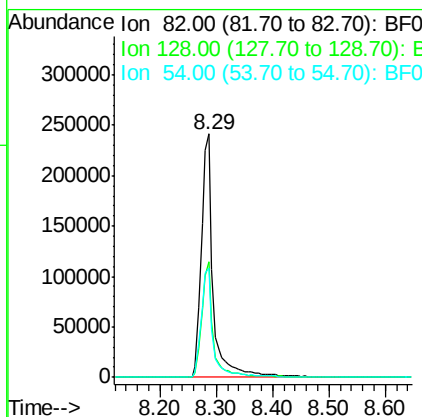
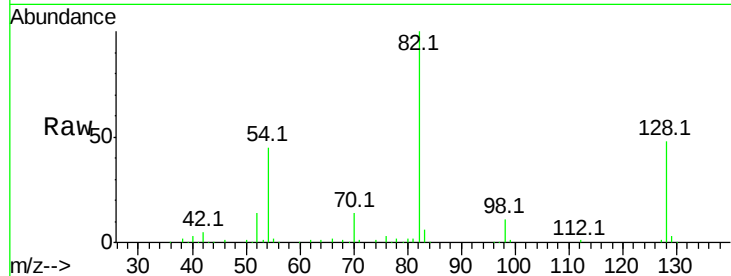
#23
Nitrobenzene-d5
Concen: 74.34 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
ClientSampleId :
S-17

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	44.8	42.2	63.2

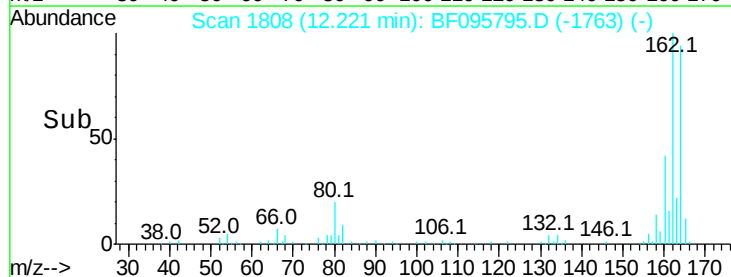
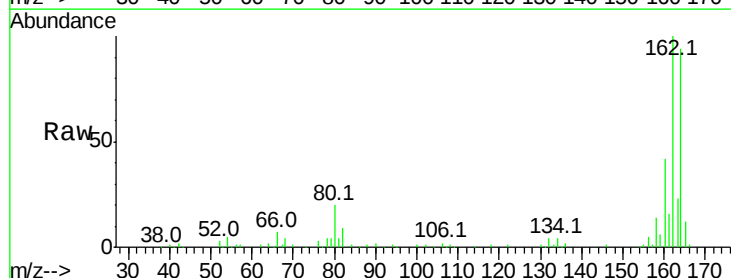
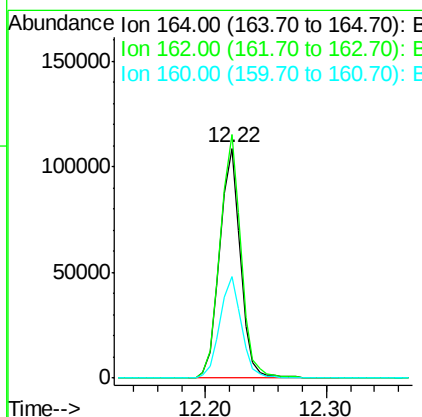
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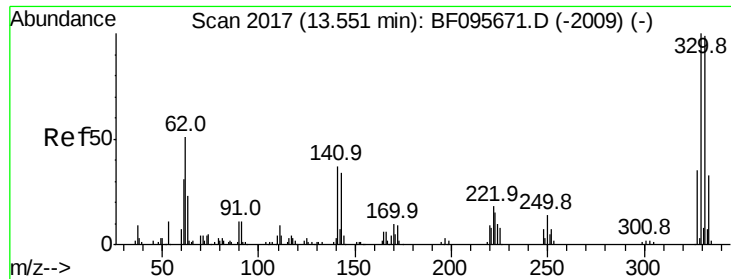
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	44.3	36.2	54.2





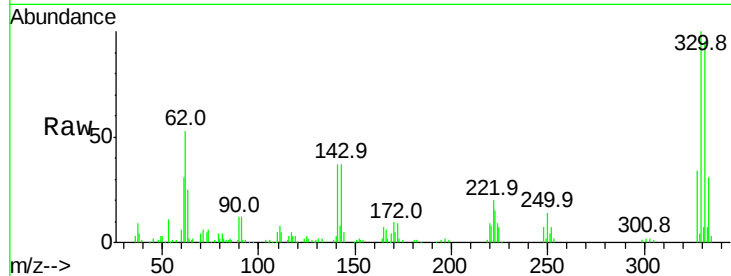
#41
 2,4,6-Tribromophenol
 Concen: 105.19 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095795.D
 Acq: 8 Jun 2017 21:34

Instrument :
 BNA_F
 ClientSampled :
 S-17

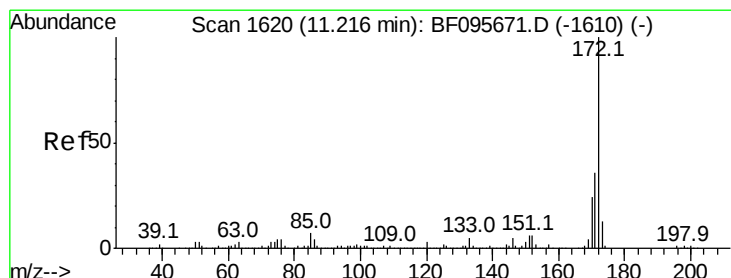
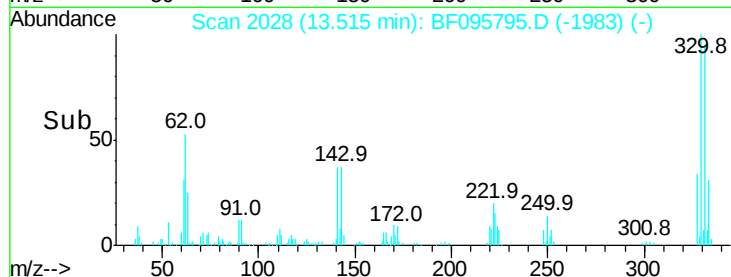
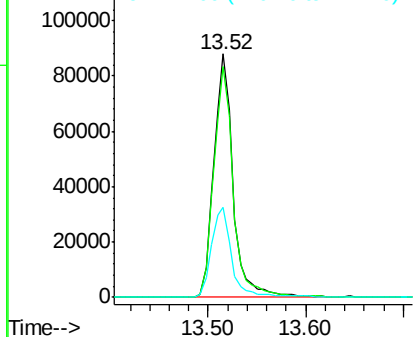
Tot Ion	Ratio	Resp	Lower	Upper
330	100	120257		
332	96.2	76.6	115.0	
141	38.9	31.4	47.2	

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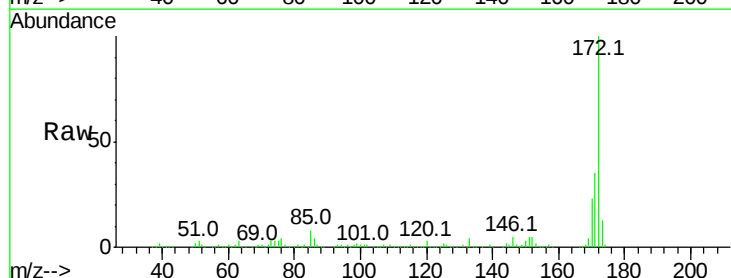


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

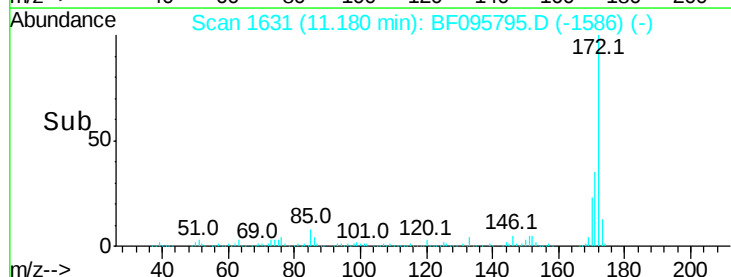
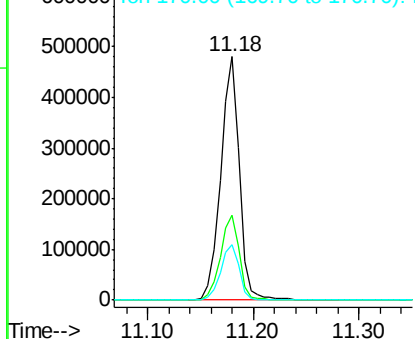


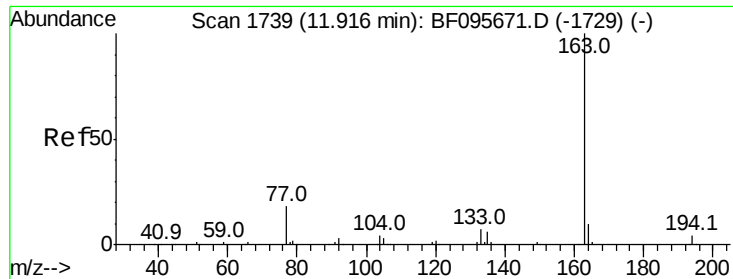
#44
 2-Fluorobiphenyl
 Concen: 63.56 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095795.D
 Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	590166		
171	35.1	29.6	44.4	
170	23.0	19.8	29.8	



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





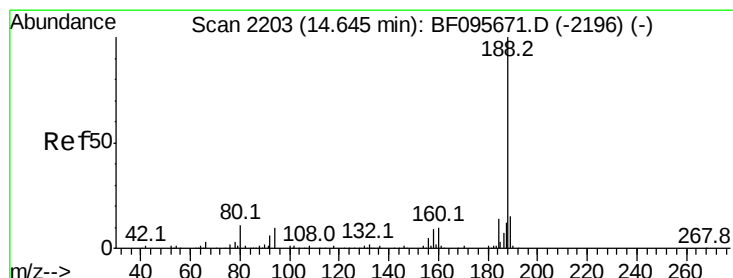
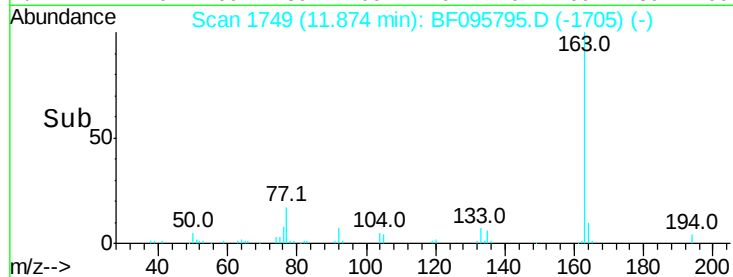
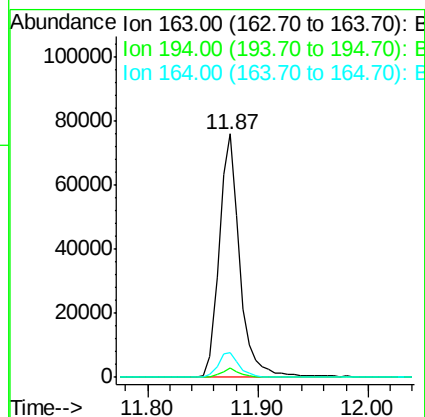
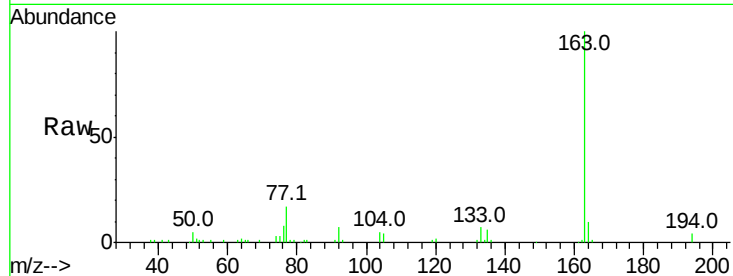
#49
Dimethylphthalate
Concen: 10.00 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.4	12.6

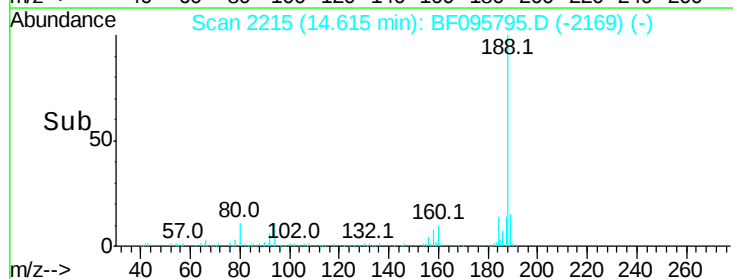
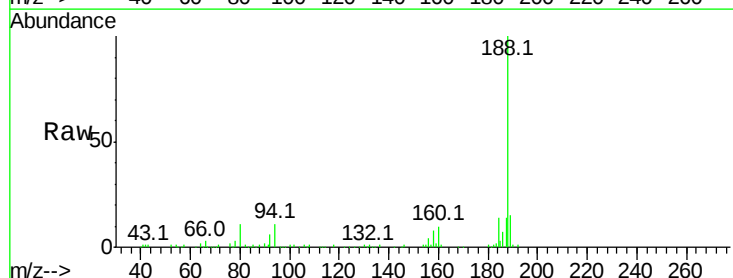
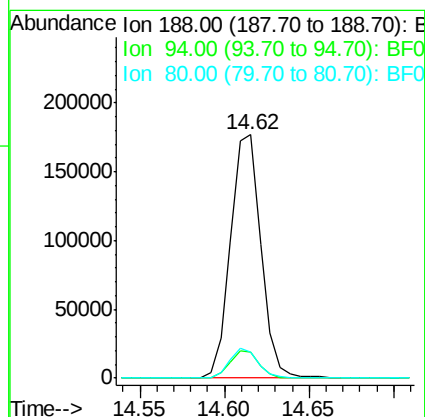
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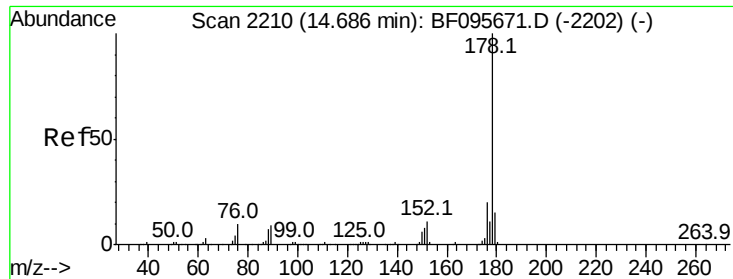
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

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





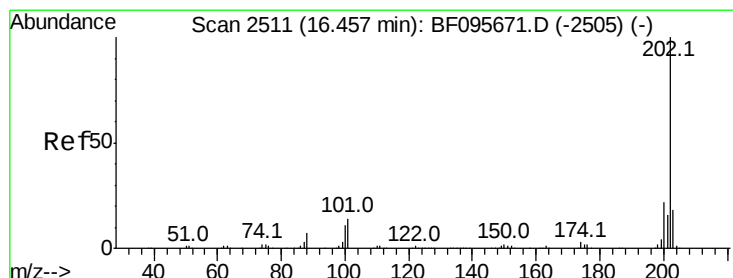
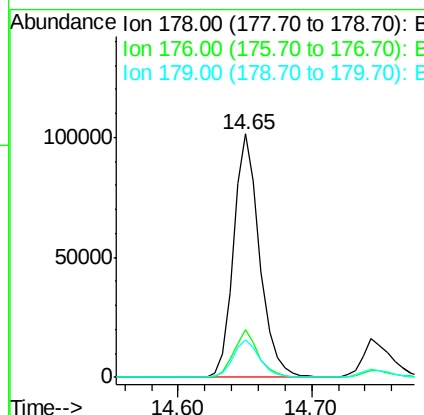
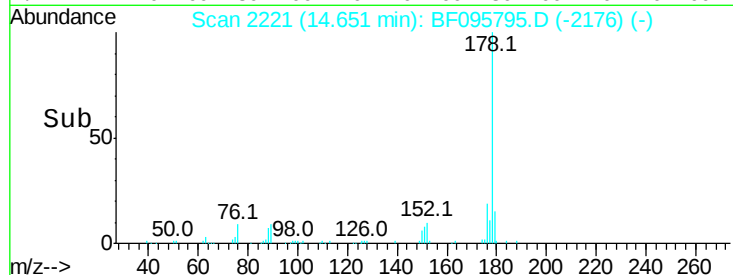
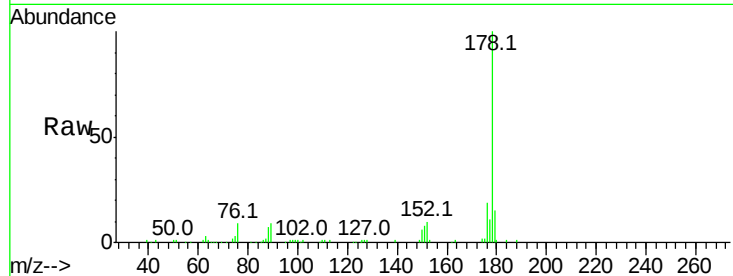
#70
Phenanthrene
Concen: 10.83 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0

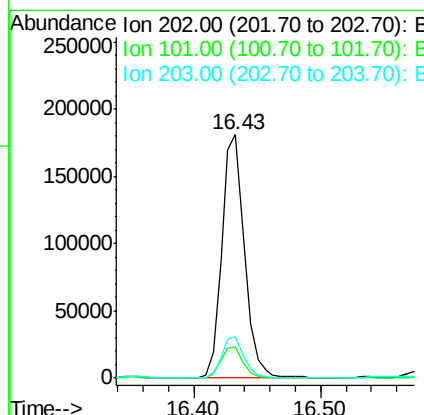
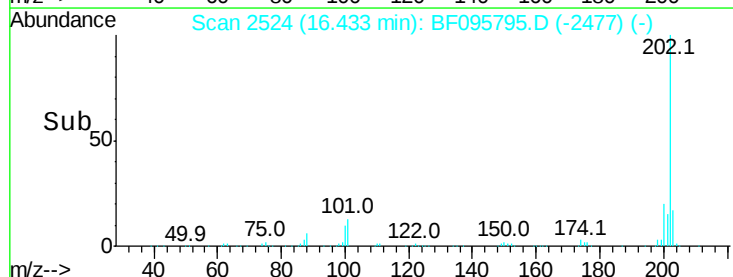
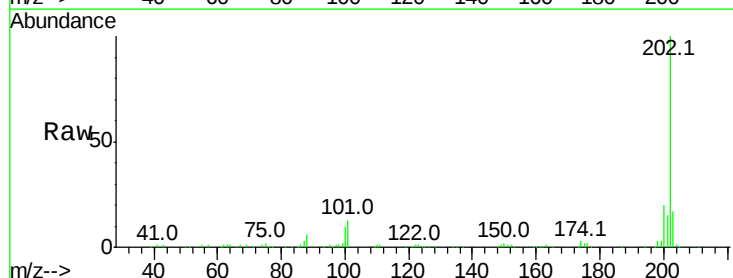
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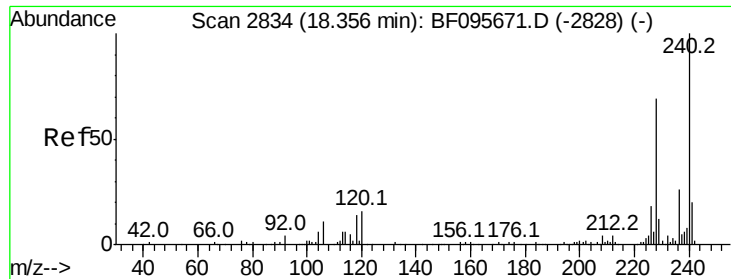
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#74
Fluoranthene
Concen: 17.87 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.1	0.0	38.1





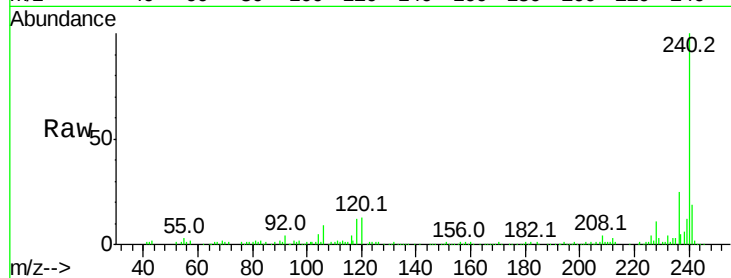
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
ClientSampleId :
S-17

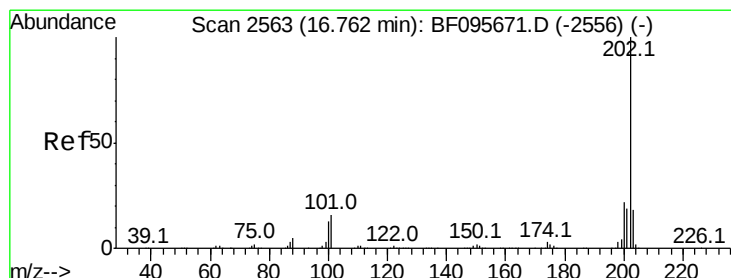
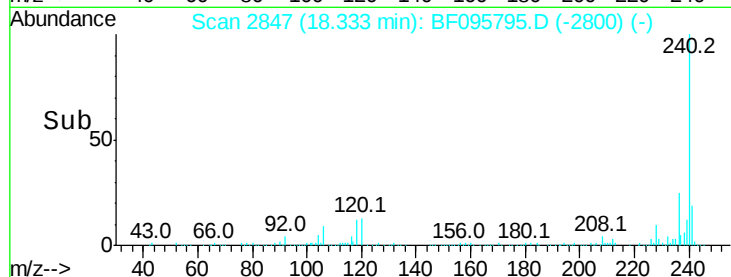
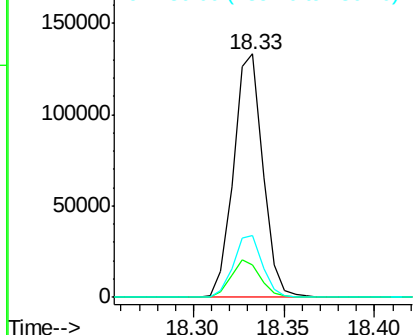
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.3	20.5	30.7

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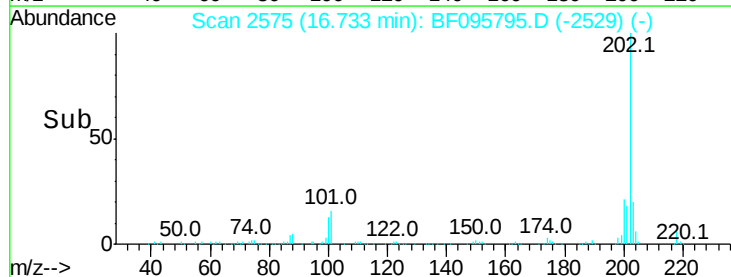
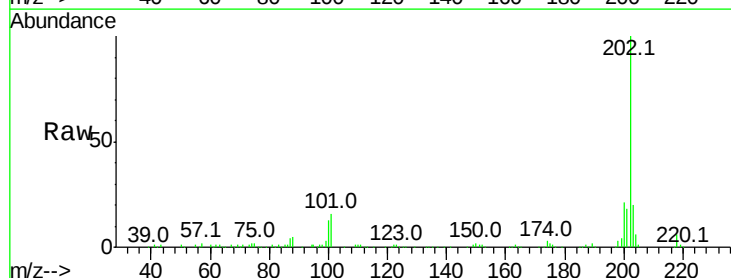
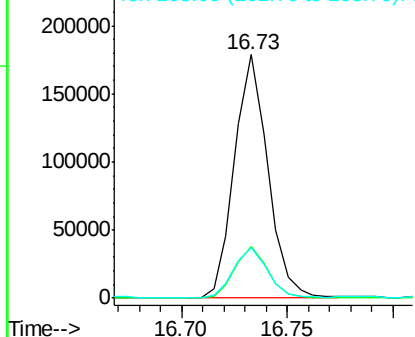
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

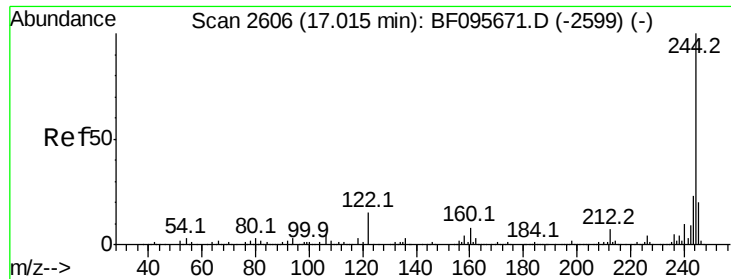


#77
Pyrene
Concen: 17.46 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	20.5	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





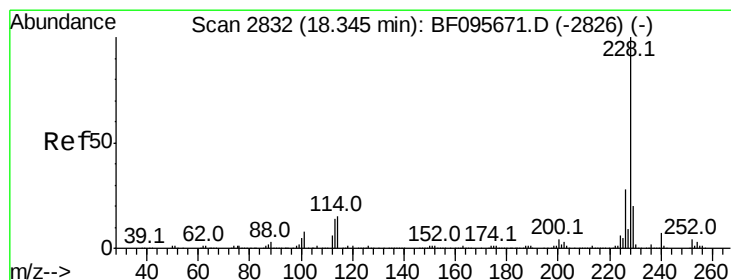
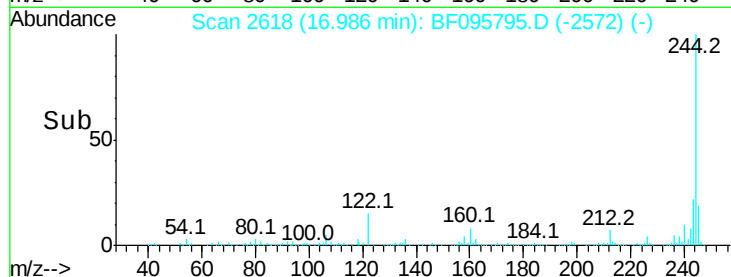
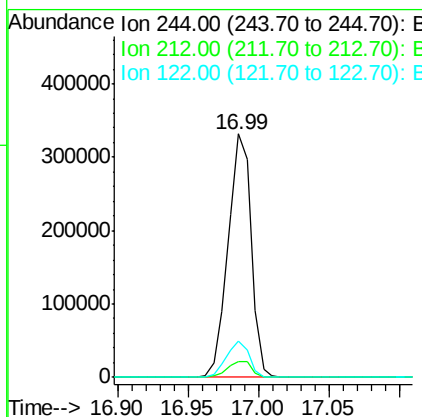
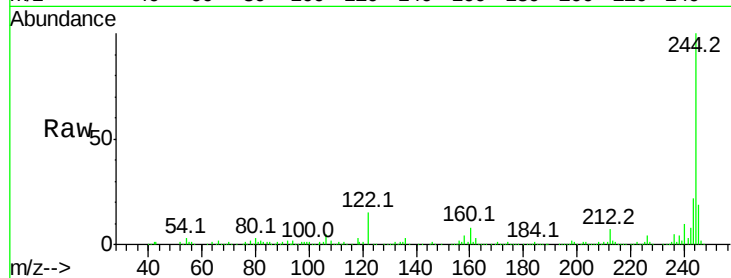
#78
 Terphenyl-d14
 Concen: 62.64 ng
 RT: 16.99 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF095795.D
 Acq: 8 Jun 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.0	10.3	15.5

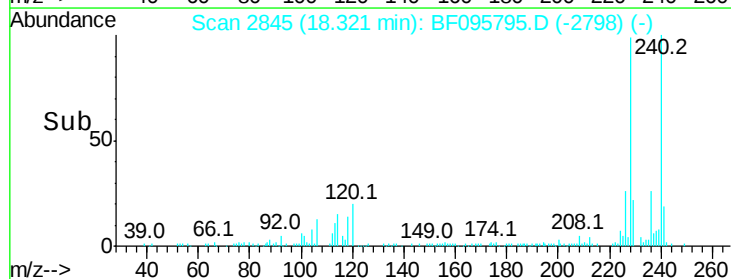
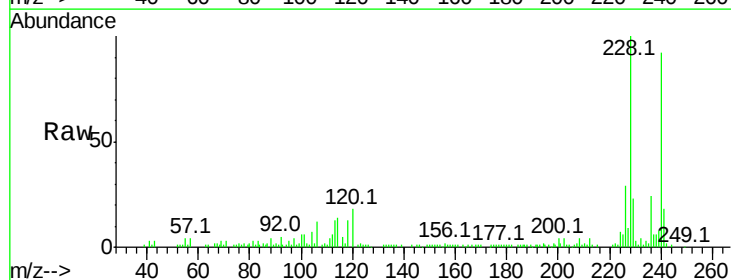
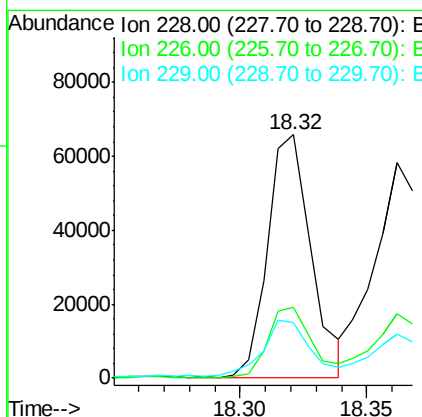
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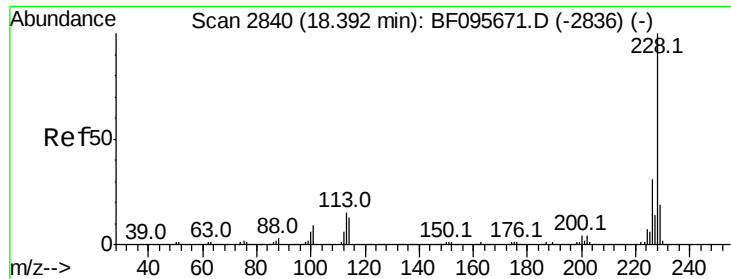
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#80
 Benzo(a)anthracene
 Concen: 9.06 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF095795.D
 Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.7	16.3	24.5





#82

Chrysene

Concen: 9.47 ng

RT: 18.36 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BF095795.D

Acq: 8 Jun 2017 21:34

Instrument :

BNA_F

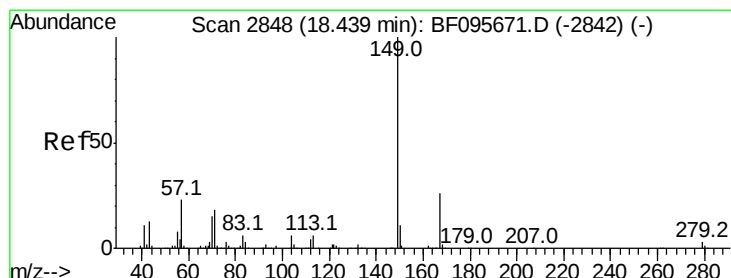
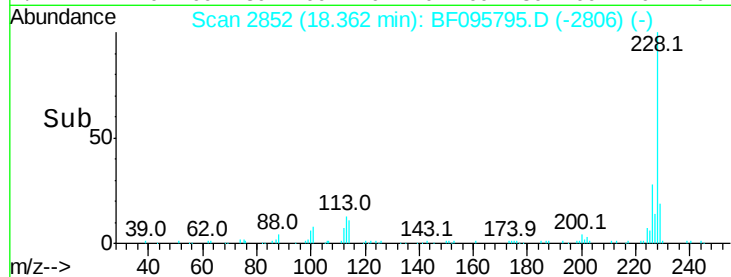
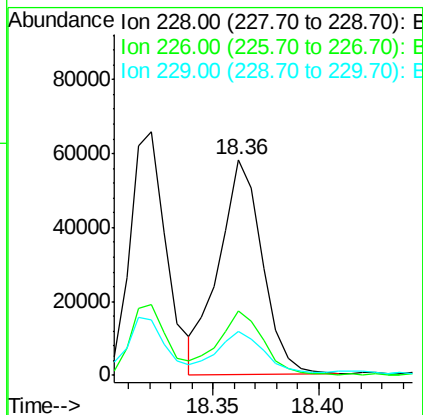
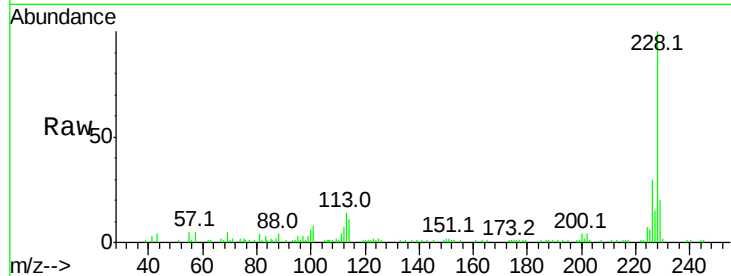
ClientSampleId :

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Tot Ion:	228	Resp:	82343
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.9	37.3
229	20.1	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 8.25 ng

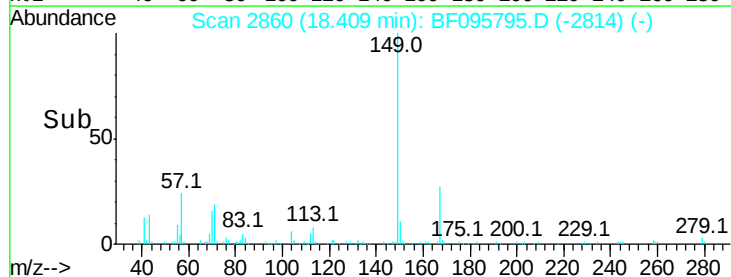
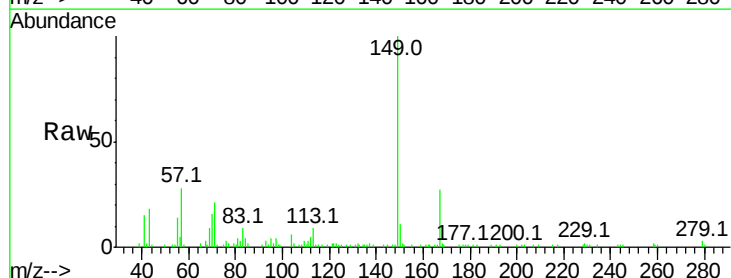
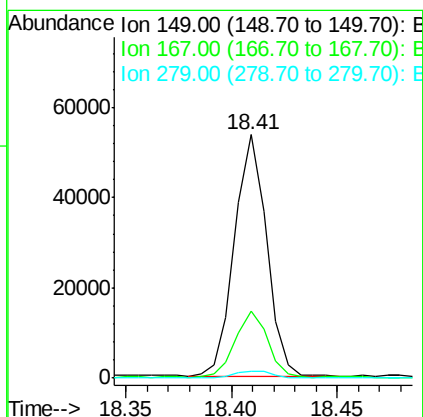
RT: 18.41 min Scan# 2860

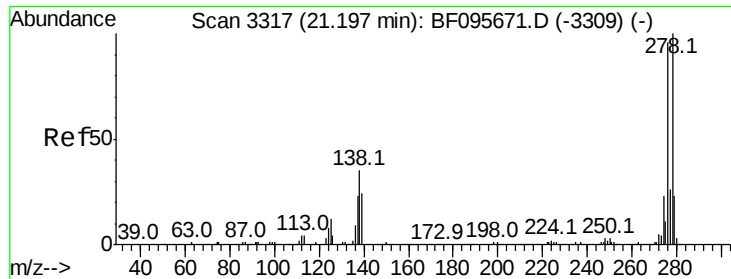
Delta R.T. -0.03 min

Lab File: BF095795.D

Acq: 8 Jun 2017 21:34

Tgt Ion:	149	Resp:	56773
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.0	31.4
279	2.7	1.9	2.9





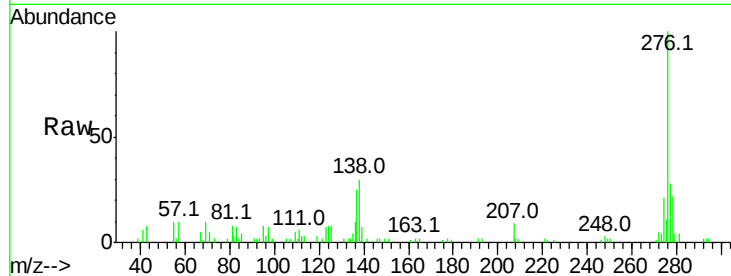
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.30 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
ClientSampleId :
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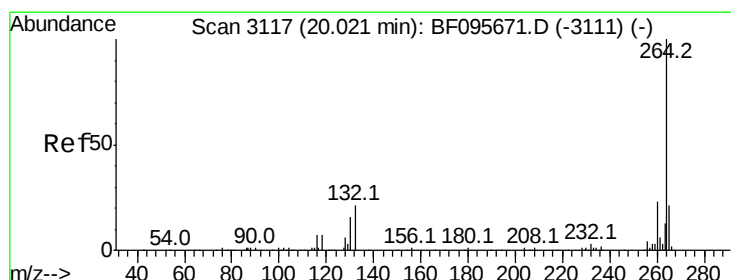
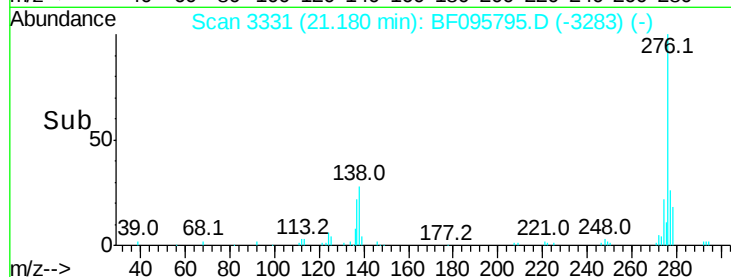
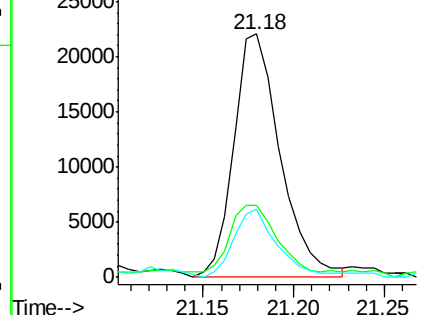
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.8	41.6#
277	26.0	20.2	30.4

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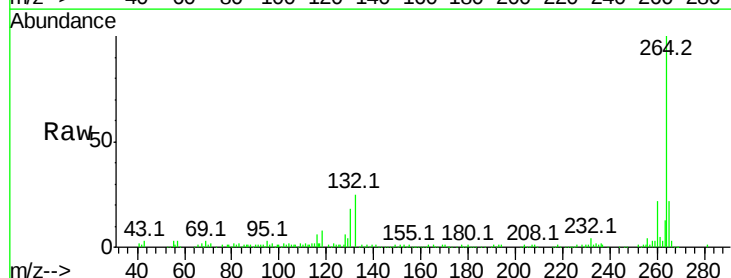


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

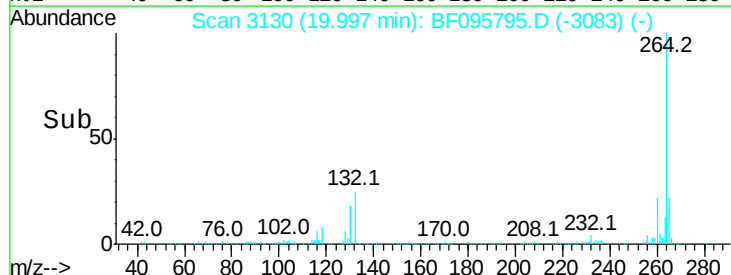
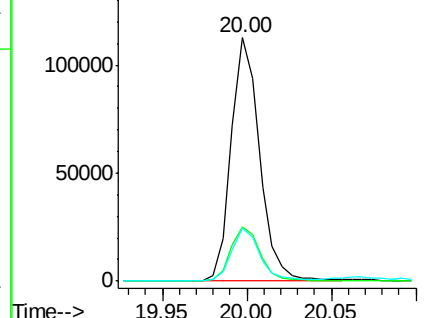


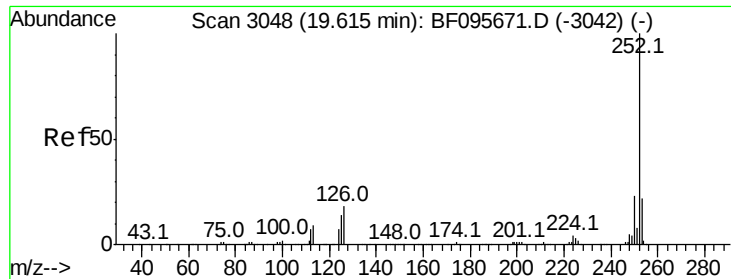
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 11.39 ng m

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095795.D

Acq: 8 Jun 2017 21:34

Instrument :

BNA_F

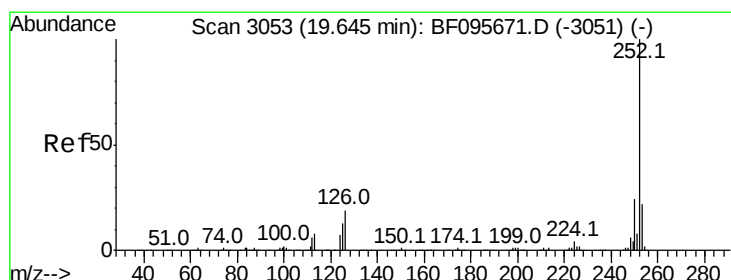
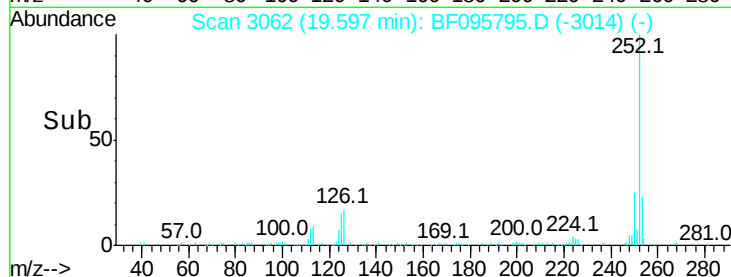
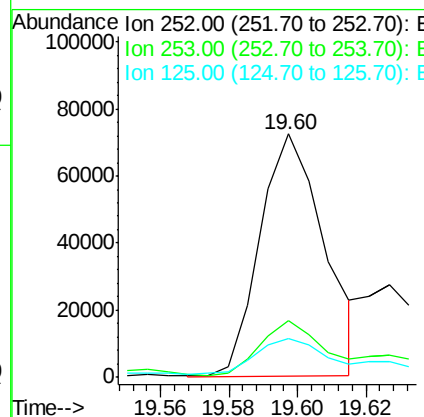
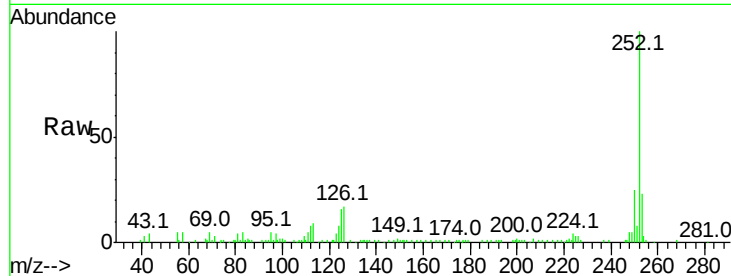
ClientSampled :

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Tot Ion:	252	Resp:	94309
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	16.1	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 4.02 ng m

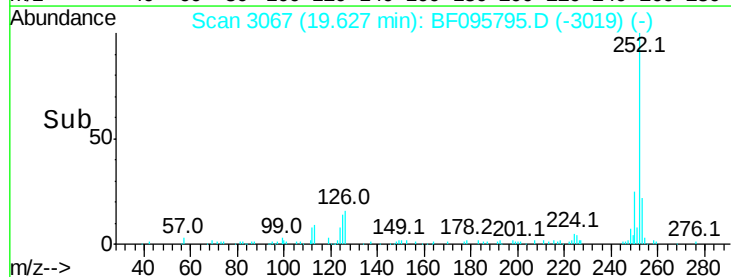
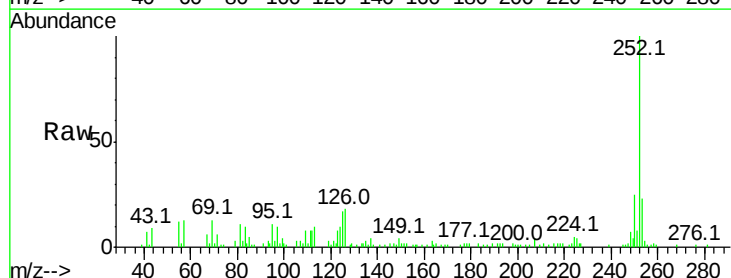
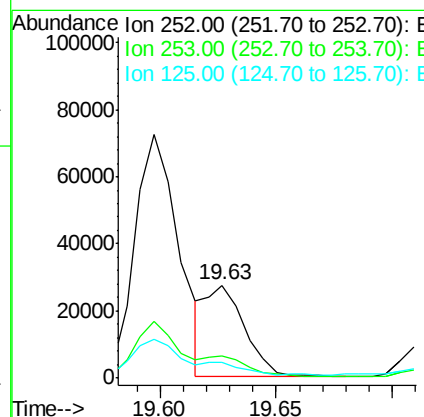
RT: 19.63 min Scan# 3067

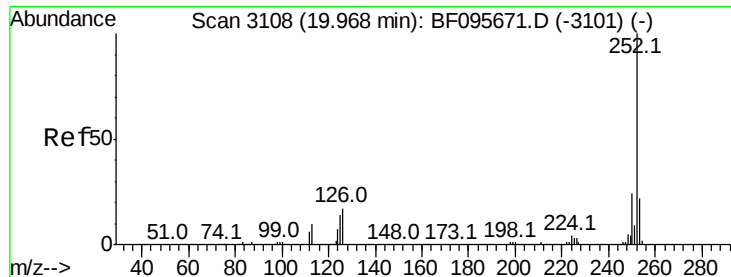
Delta R.T. -0.02 min

Lab File: BF095795.D

Acq: 8 Jun 2017 21:34

Tgt Ion:	252	Resp:	31848
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.4	27.6
125	17.0	13.1	19.7





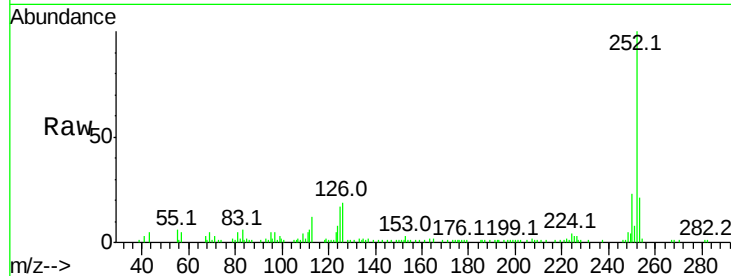
#89
Benzo(a)pyrene
Concen: 8.48 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Instrument :
BNA_F
ClientSampleId :
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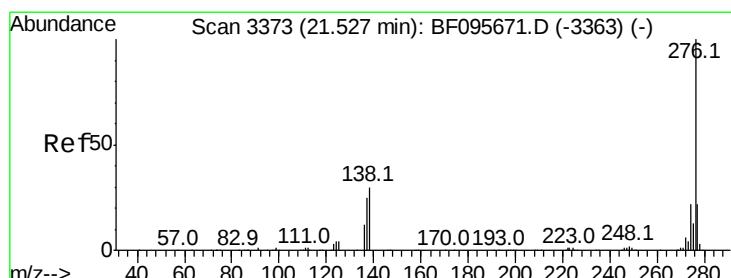
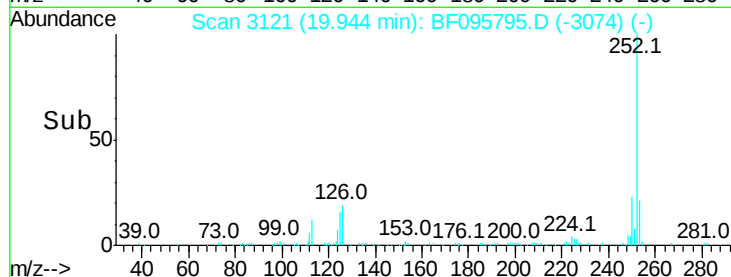
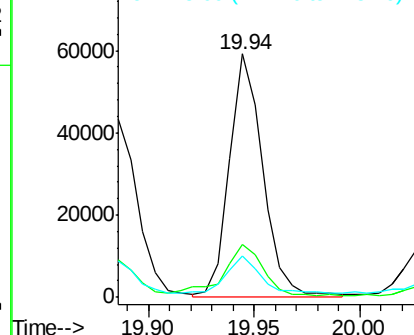
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	16.9	11.0	16.4

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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



#91
Benzo(g,h,i)perylene
Concen: 5.76 ng
RT: 21.51 min Scan# 3387
Delta R.T. -0.02 min
Lab File: BF095795.D
Acq: 8 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	32.5	25.4	38.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

