

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100093.D
 Acq On : 2 Nov 2017 19:01
 Operator : SJ/JU
 Sample : I6253-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

Manual Integrations
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Sohil
 11/3/2017 11:19:35 AM

Quant Time: Nov 02 20:26:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	91044	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	366888	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	183413	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	243362	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	157806	20.00	ng	-0.02
86) Perylene-d12	15.41	264	156643	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	552649	95.30	ng	0.00
7) Phenol-d6	6.42	99	670430	97.50	ng	-0.01
23) Nitrobenzene-d5	7.34	82	372283	65.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	128689	76.99	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	690095	58.05	ng	-0.01
78) Terphenyl-d14	12.88	244	423417	58.64	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.43	94	25938	3.436	ng	85
48) Acenaphthylene	9.67	152	47472	2.558	ng	98
49) Dimethylphthalate	9.52	163	168092	11.573	ng	99
70) Phenanthrene	11.32	178	192314	14.003	ng	98
71) Anthracene	11.37	178	78570	5.636	ng	98
74) Fluoranthene	12.52	202	282342	19.782	ng	98
77) Pyrene	12.74	202	293748	24.480	ng	99
80) Benzo(a)anthracene	13.94	228	160492	16.043	ng	99
82) Chrysene	13.97	228	121591	12.928	ng	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	114861	13.303	ng	95
87) Benzo(b)fluoranthene	14.99	252	250195m	25.295	ng	
88) Benzo(k)fluoranthene	15.02	252	86026m	9.223	ng	
89) Benzo(a)pyrene	15.35	252	206194	23.207	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	27536	3.488	ng	# 87
91) Benzo(a,h,i)perylene	17.33	276	116175	15.041	ng	95

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

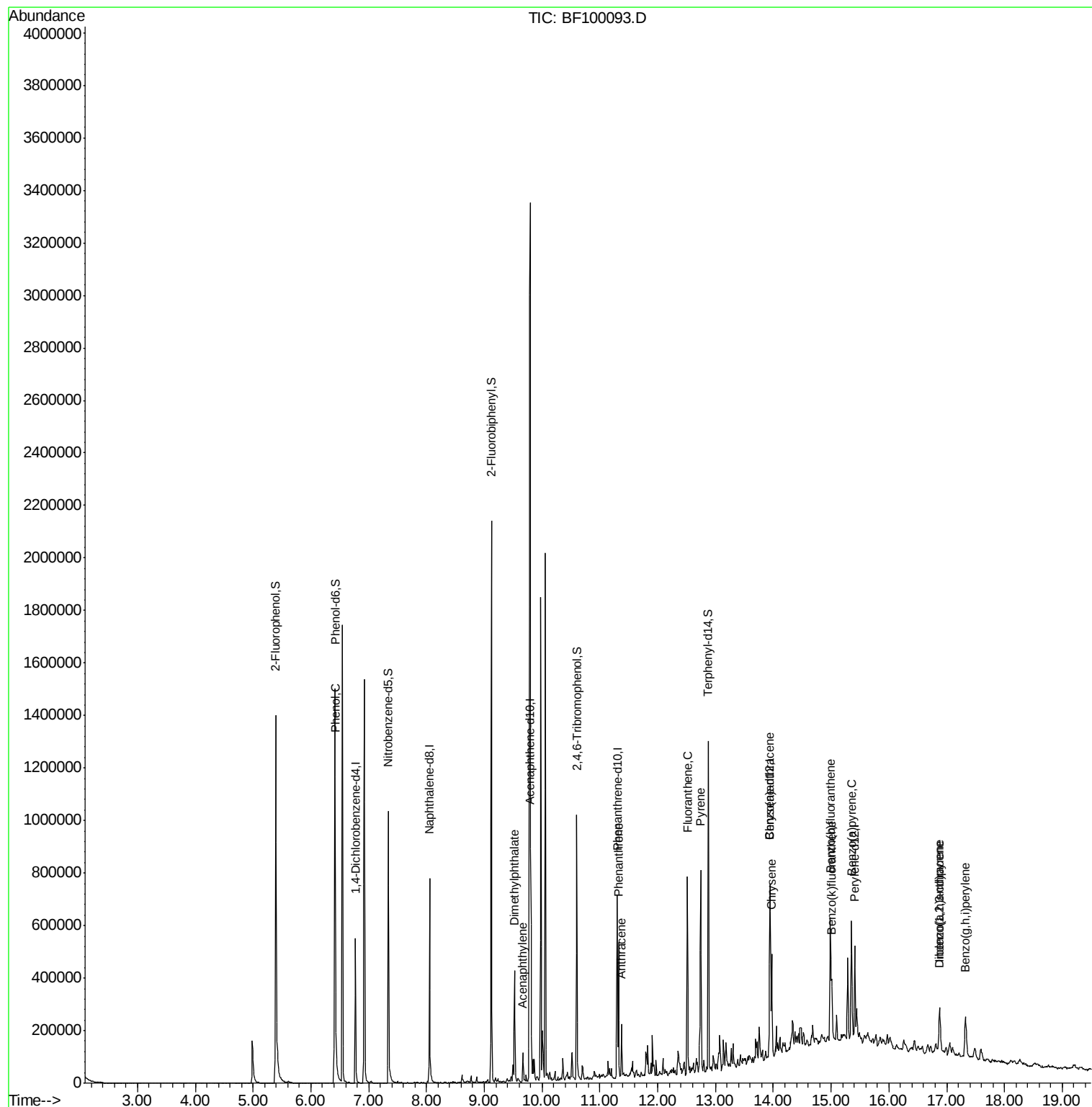
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100093.D
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

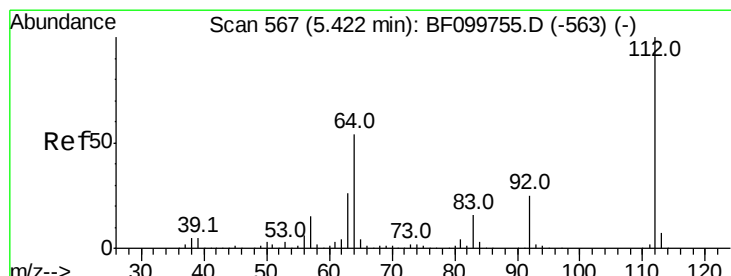
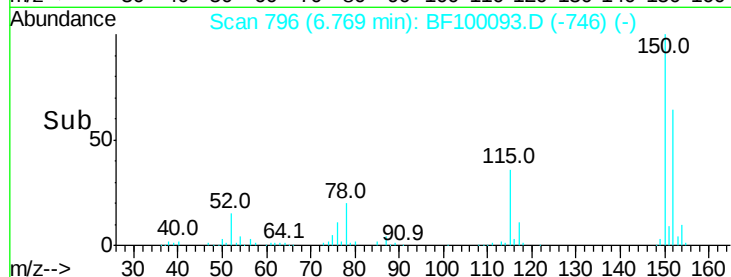
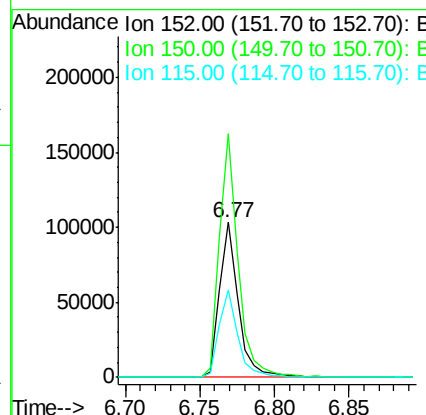
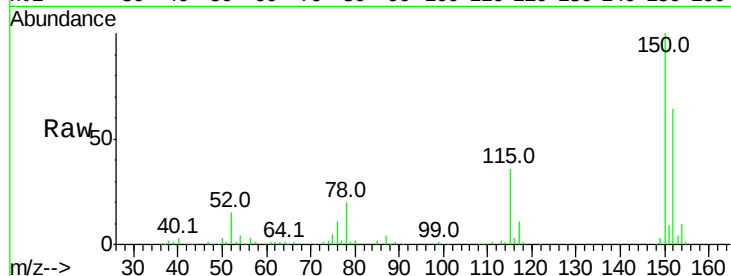
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	56.4	50.1	75.1

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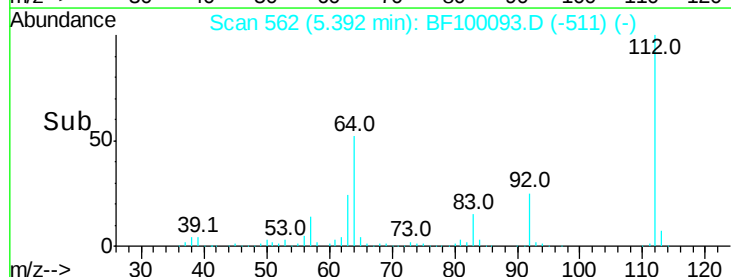
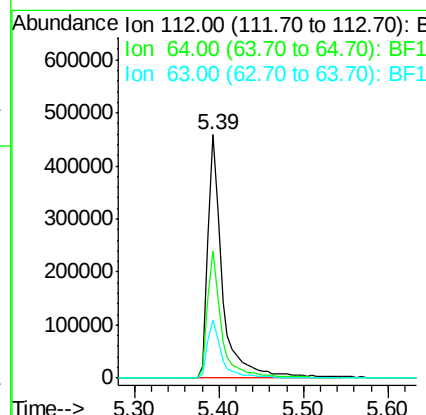
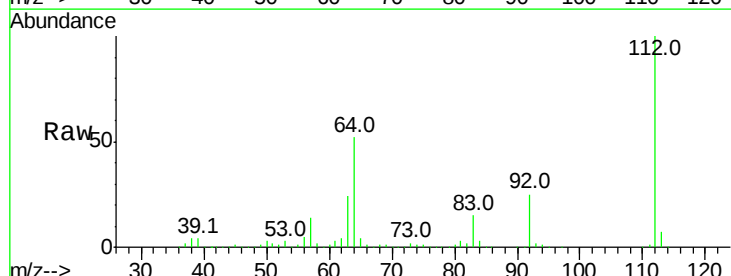
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#5

2-Fluorophenol
Concen: 95.299 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	24.0	23.7	35.5





#7

Phenol-d6

Concen: 97.501 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Instrument :

BNA_F

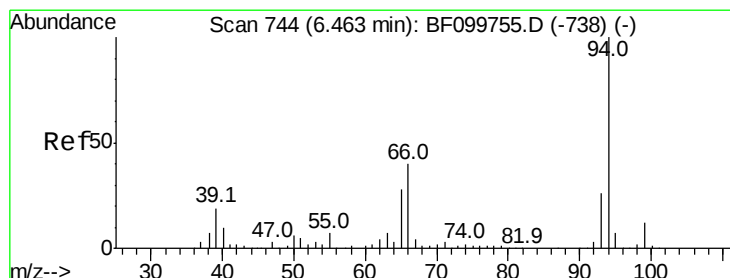
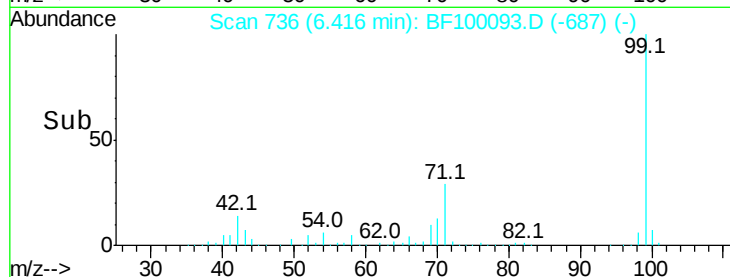
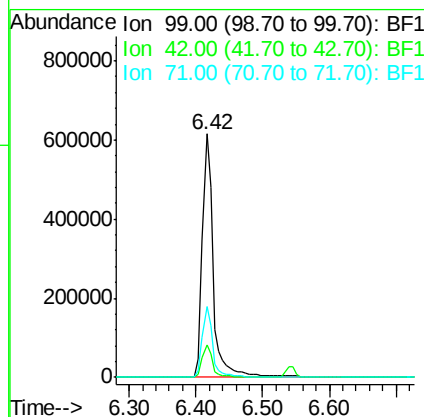
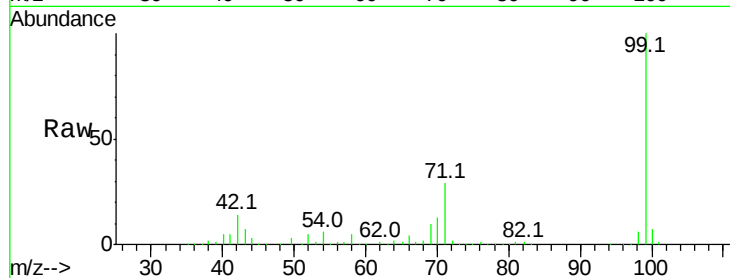
ClientSampleId :

SA-01-103117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		670430		
42	13.5	14.5	21.7#		
71	28.9	25.4	38.0		

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#10

Phenol

Concen: 3.436 ng

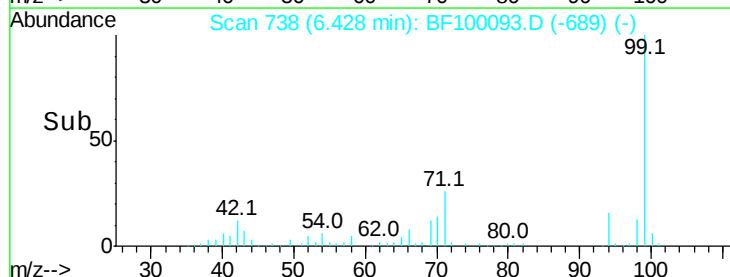
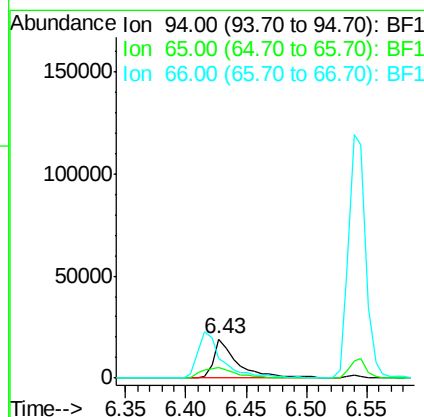
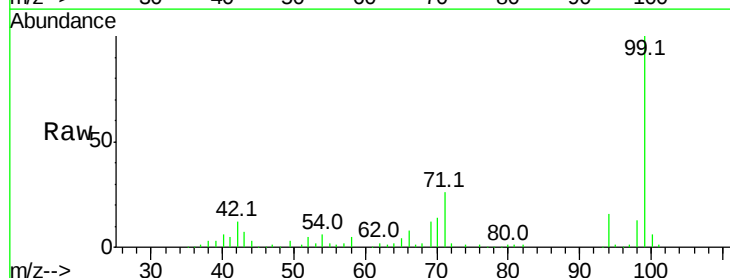
RT: 6.43 min Scan# 738

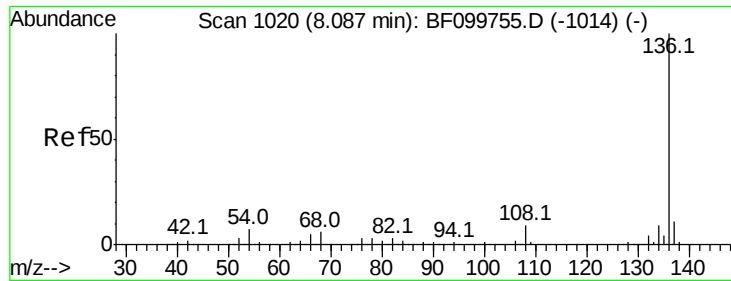
Delta R.T. -0.01 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		25938		
65	27.3	7.9	47.9		
66	51.7	16.2	56.2		





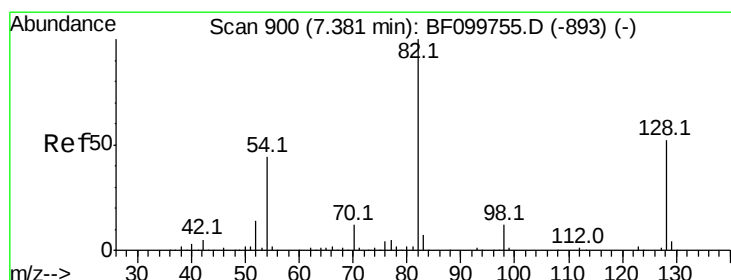
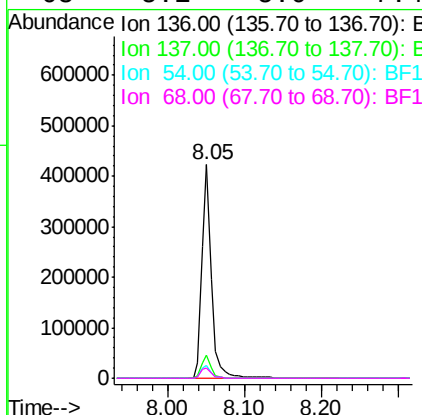
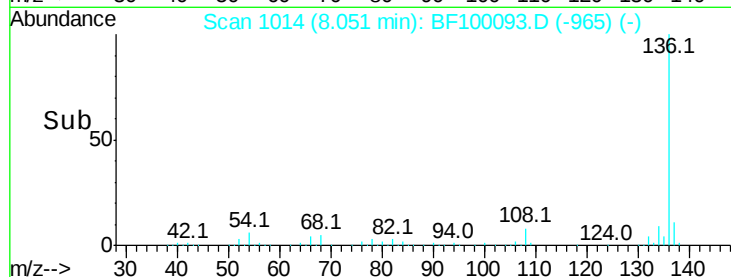
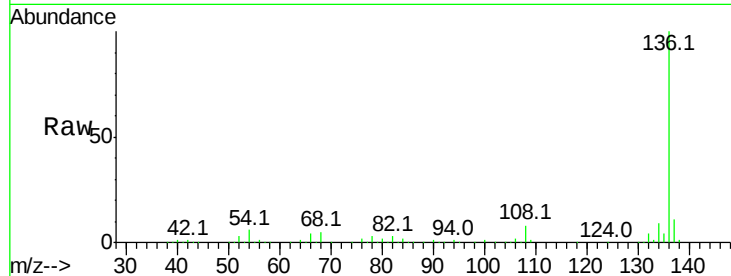
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.0	6.6	9.8	
68	5.1	5.0	7.4	

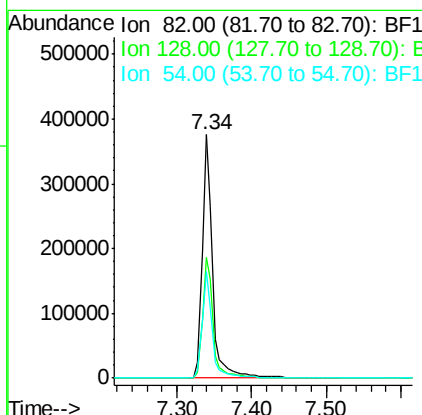
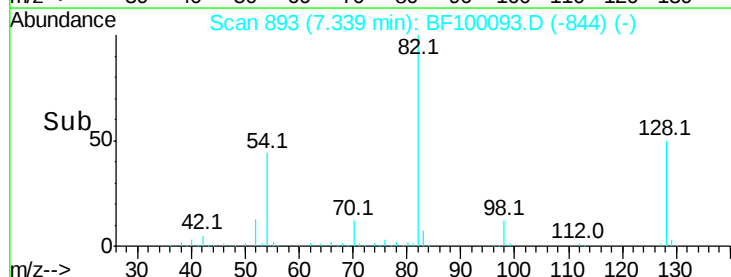
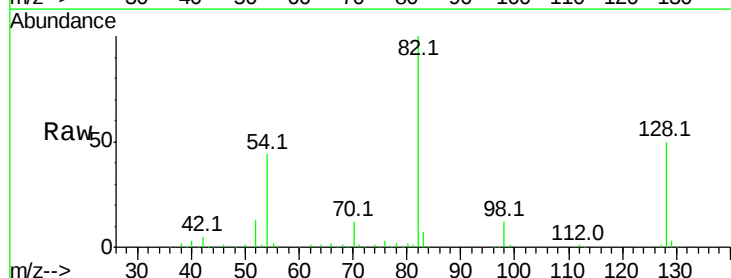
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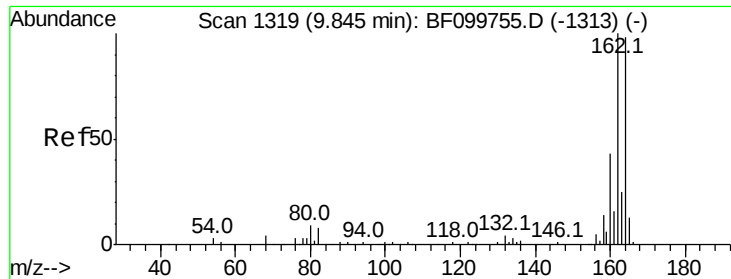
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#23
Nitrobenzene-d5
Concen: 65.327 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.5	36.1	54.1	
54	44.0	41.4	62.2	





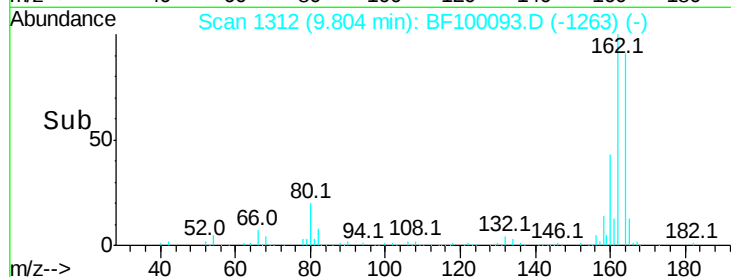
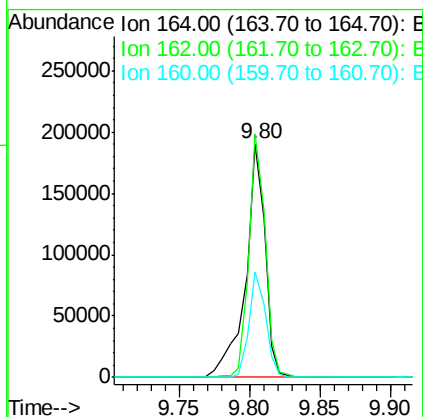
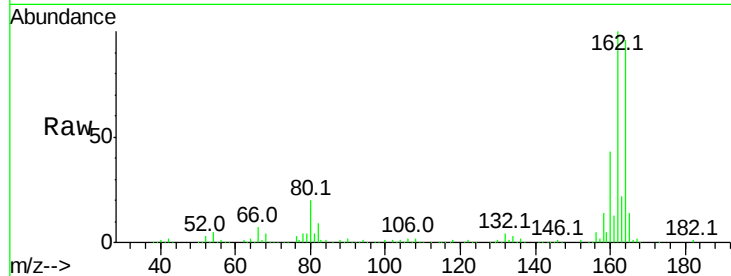
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100093.D
 Acq: 2 Nov 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	86.1	129.1	
160	45.1	38.3	57.5	

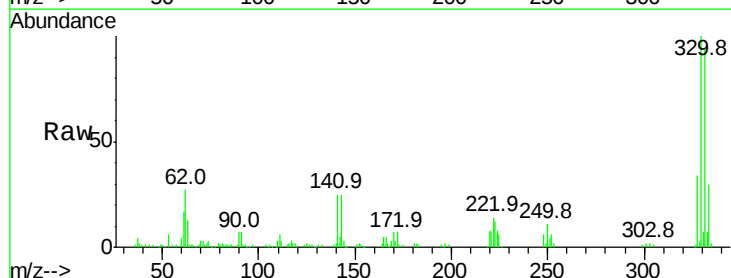
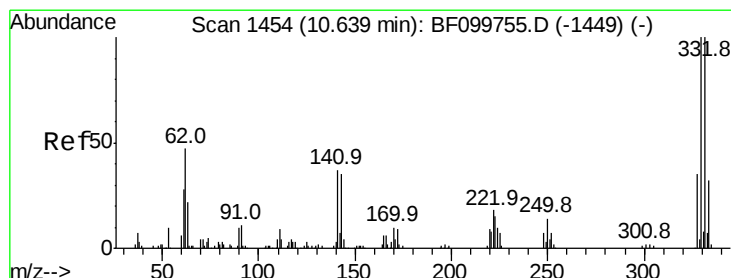
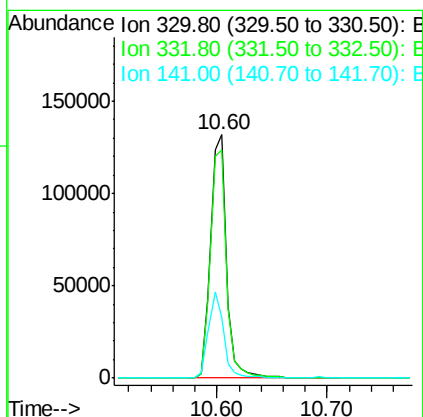
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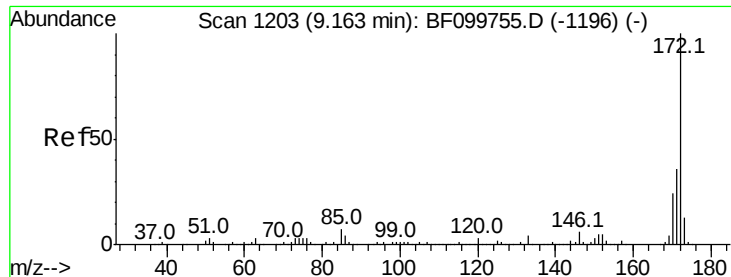
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#41
 2,4,6-Tribromophenol
 Concen: 76.991 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100093.D
 Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	34.2	29.9	44.9	





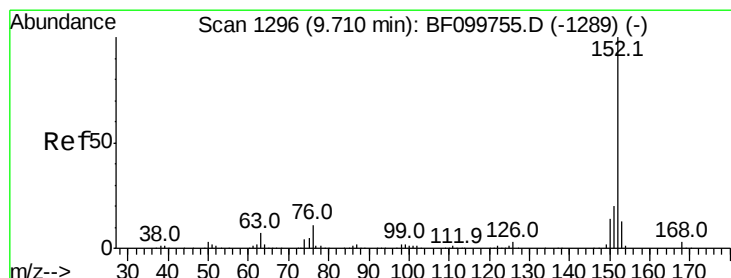
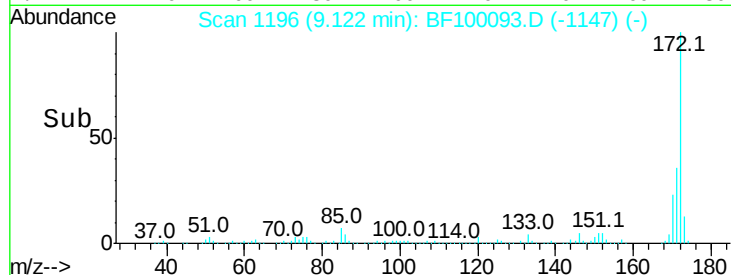
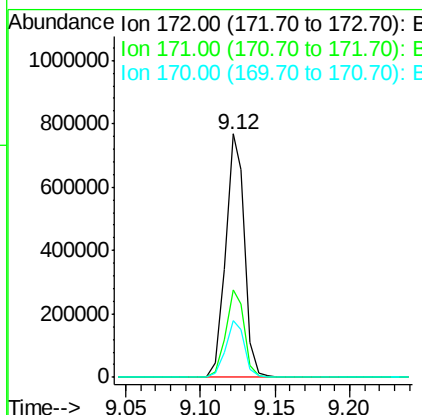
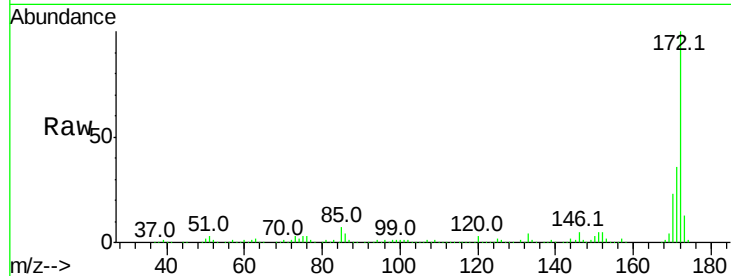
#44
2-Fluorobiphenyl
Concen: 58.050 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Resp	Lower	Upper
172	100	690095		
171	35.8		29.7	44.5
170	23.2		19.6	29.4

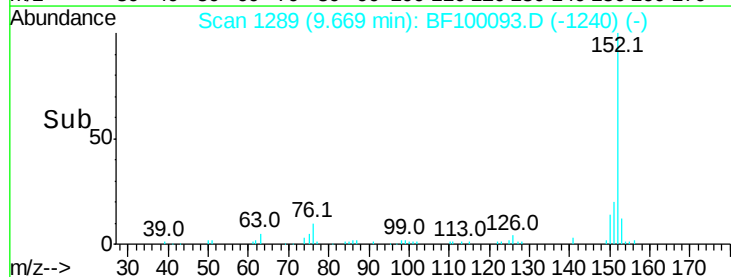
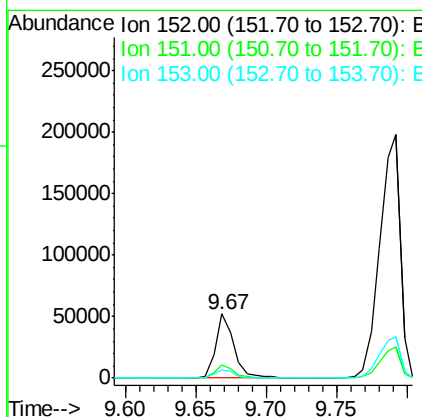
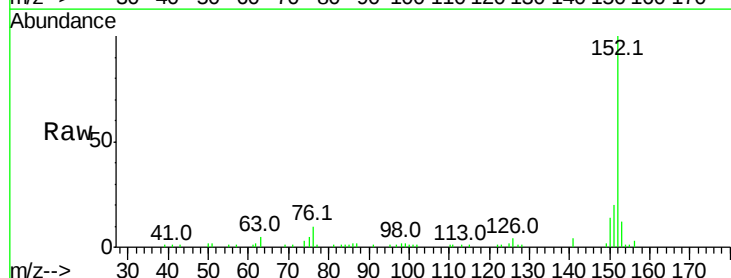
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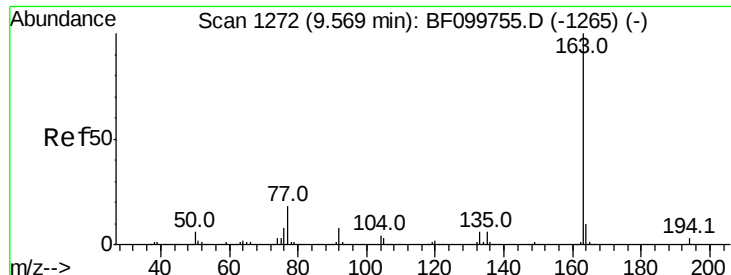
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#48
Acenaphthylene
Concen: 2.558 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	47472		
151	20.0		16.3	24.5
153	12.3		10.7	16.1





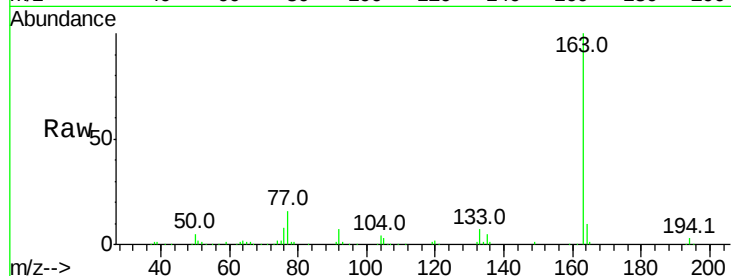
#49
Dimethylphthalate
Concen: 11.573 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

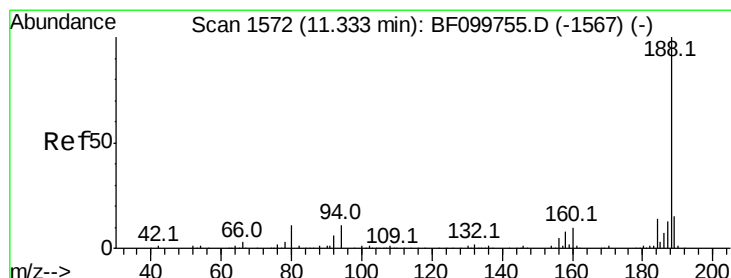
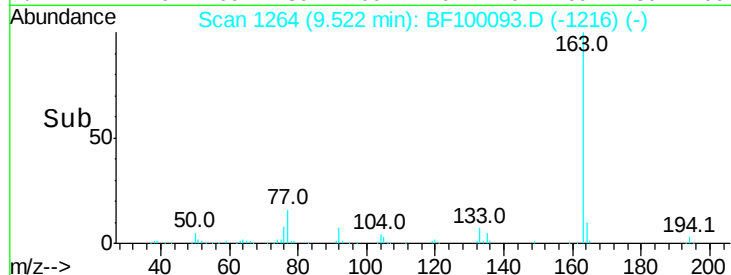
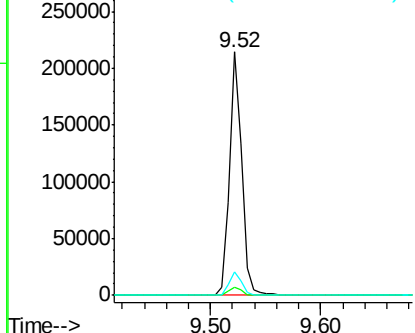
Tot Ion	163	Resp	168092
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2

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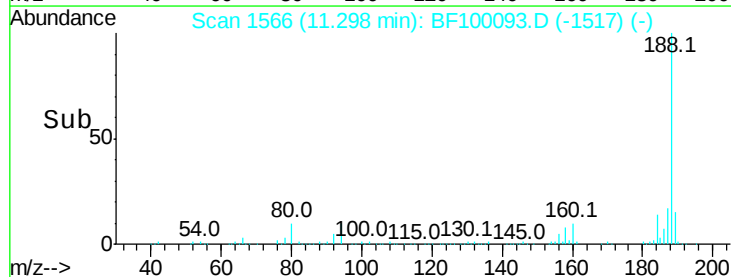
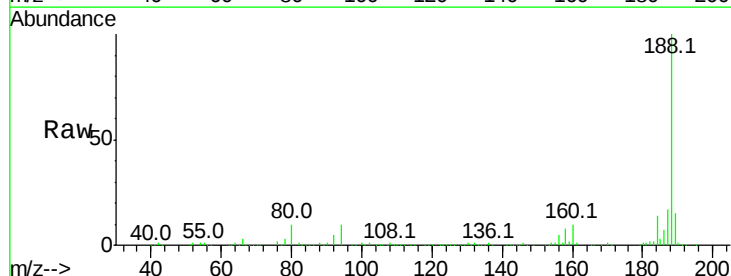
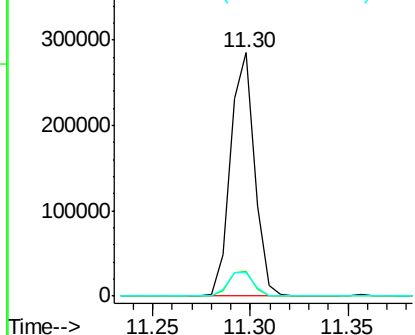
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

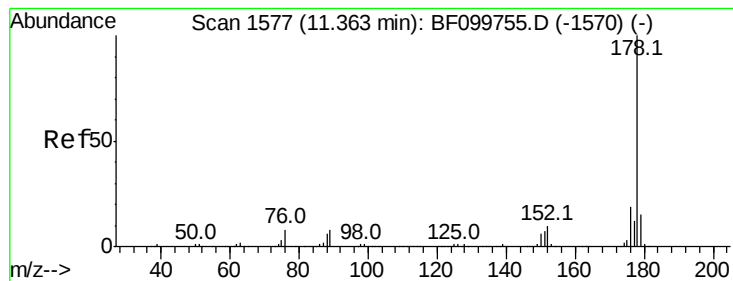


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	188	Resp	243362
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	9.8	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 14.003 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Instrument :

BNA_F

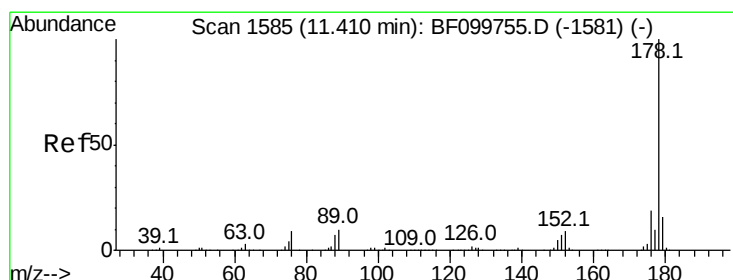
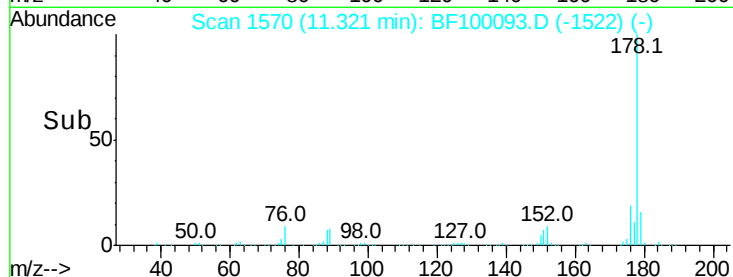
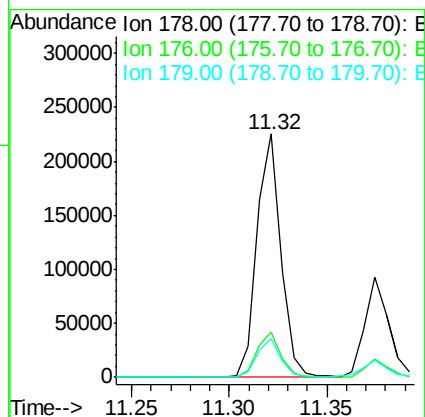
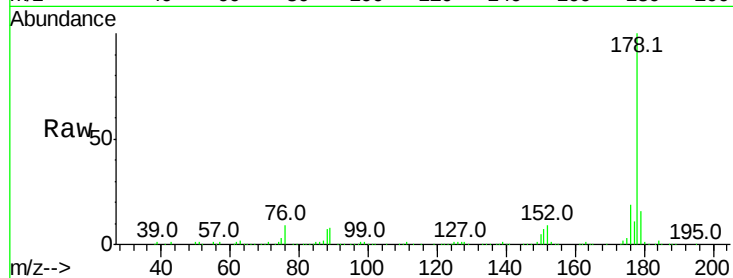
ClientSampleId :

SA-01-103117

Tot Ion:178	Resp:	192314
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.8 23.8
179	15.8	13.0 19.6

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#71

Anthracene

Concen: 5.636 ng

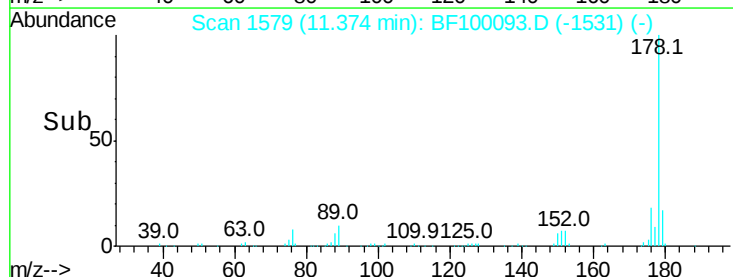
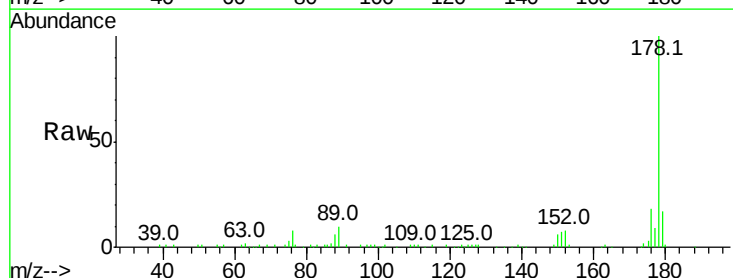
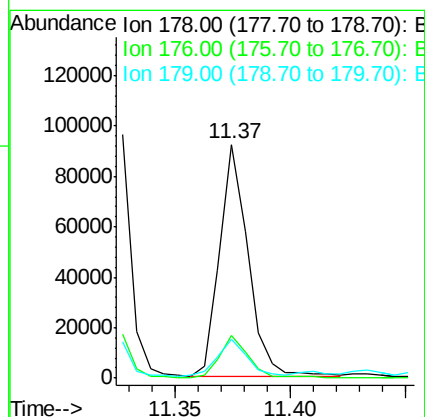
RT: 11.37 min Scan# 1579

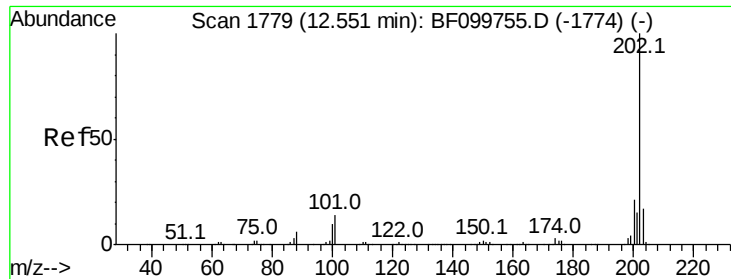
Delta R.T. -0.02 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Tgt Ion:178	Resp:	78570
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.4 23.2
179	16.7	12.6 19.0





#74

Fluoranthene

Concen: 19.782 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Instrument :

BNA_F

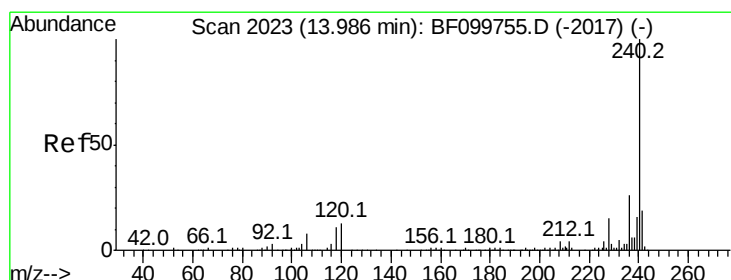
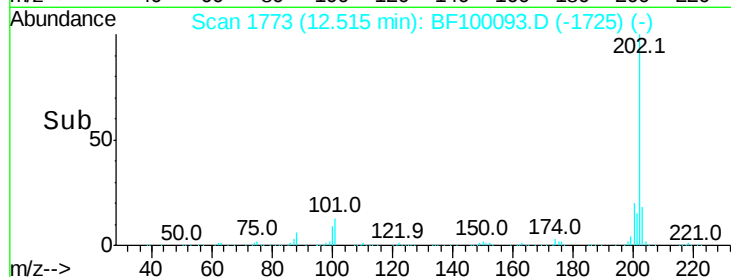
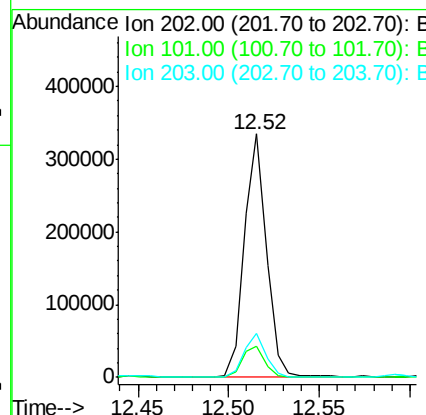
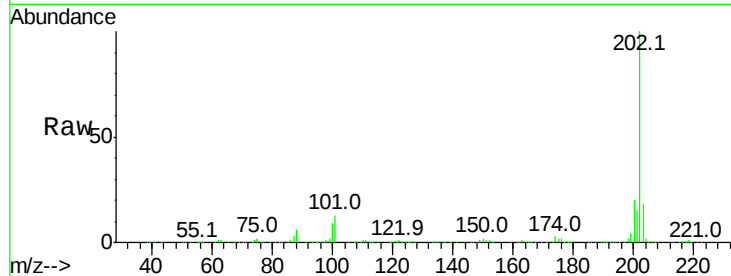
ClientSampleId :

SA-01-103117

Tot Ion	Ratio	Resp	Lower	Upper
202	100	282342		
101	12.6	0.0	34.1	
203	17.9	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

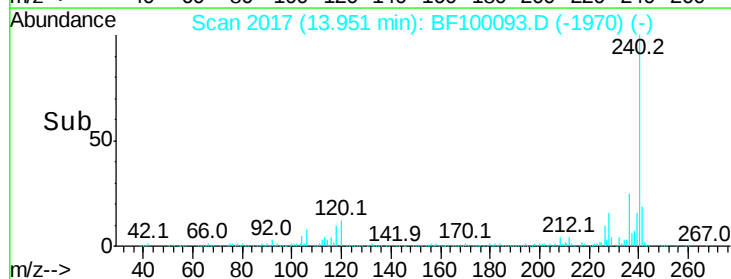
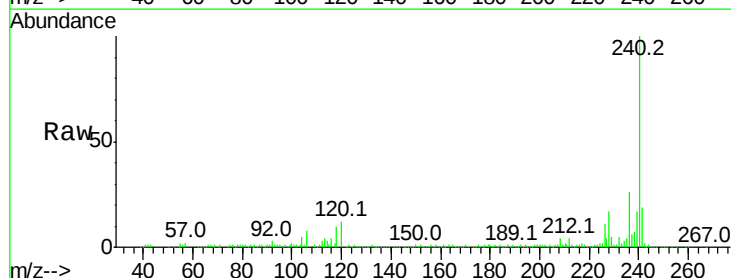
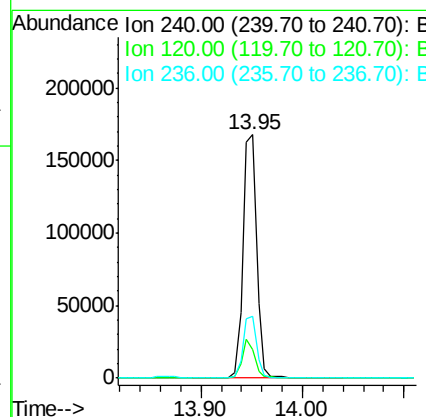
RT: 13.95 min Scan# 2017

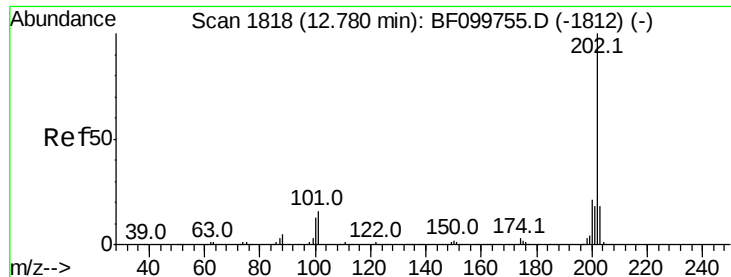
Delta R.T. -0.02 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	157806		
120	11.9	9.5	14.3	
236	25.5	20.7	31.1	





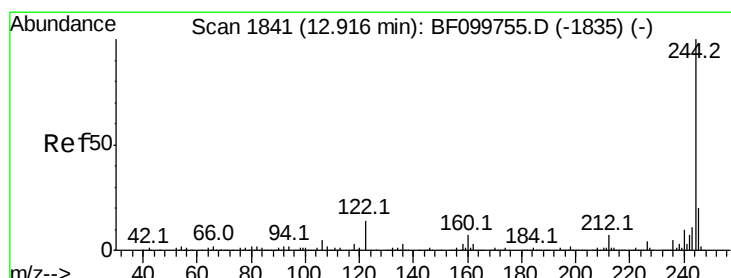
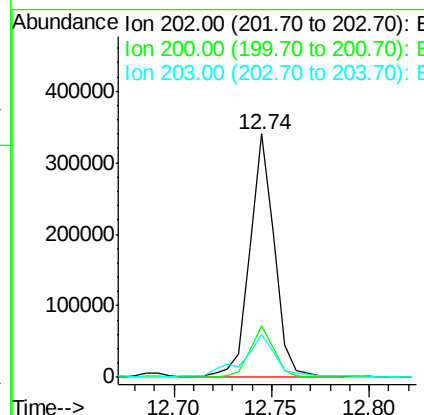
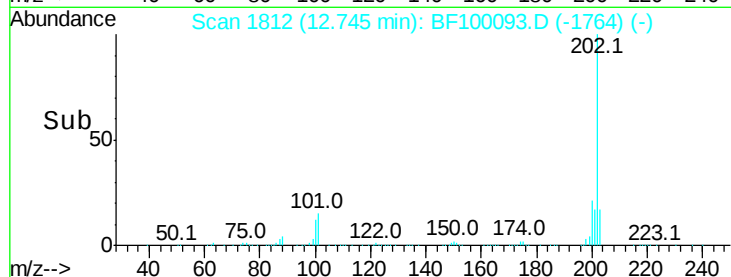
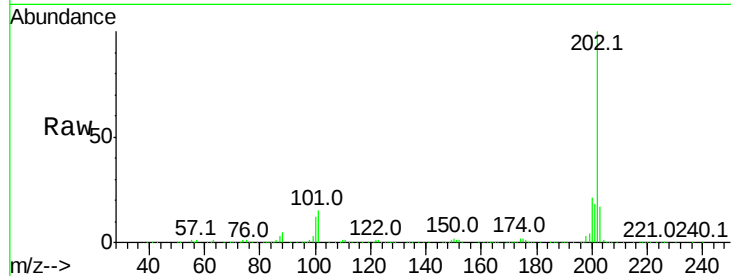
#77
Pvrene
Concen: 24.480 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Resp	Lower	Upper
202	100	293748		
200	21.2		17.4	26.2
203	17.4		14.3	21.5

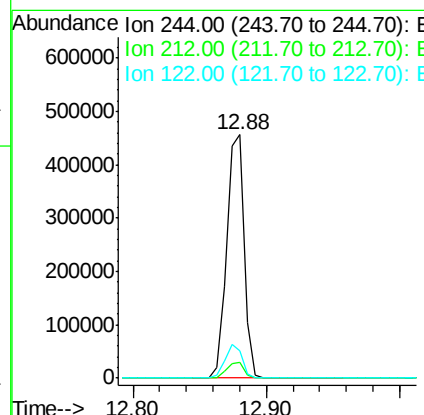
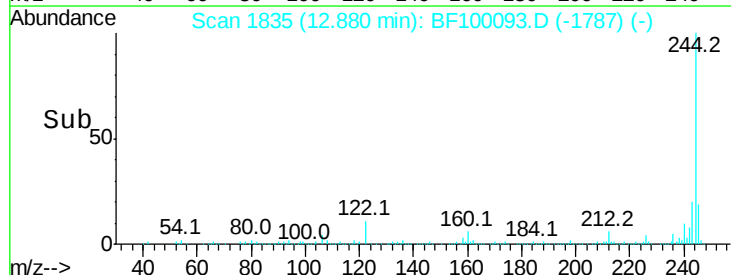
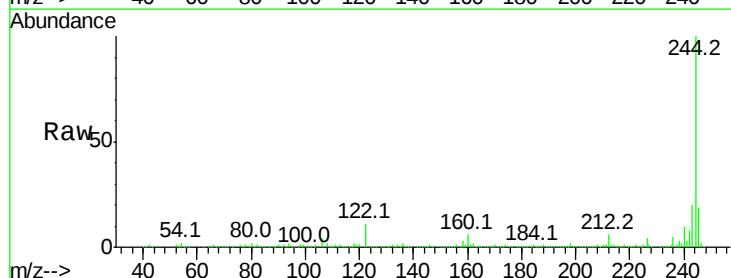
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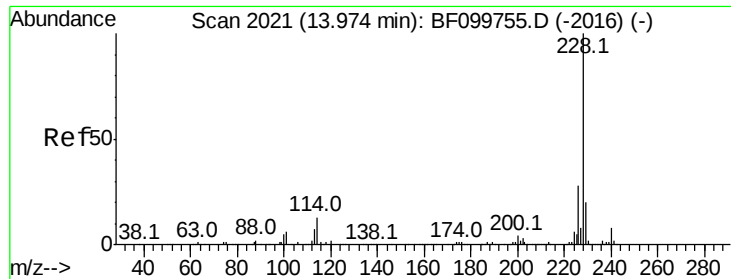
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#78
Terphenyl-d14
Concen: 58.637 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	423417		
212	6.3		5.4	8.0
122	11.4		11.0	16.4





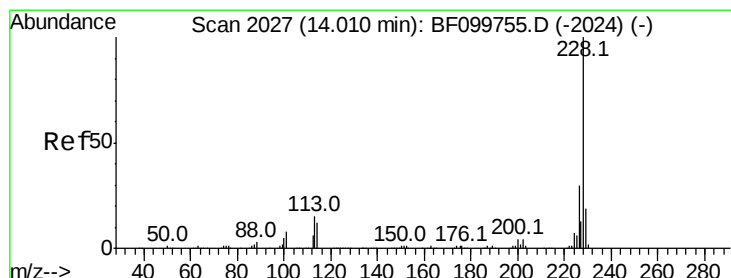
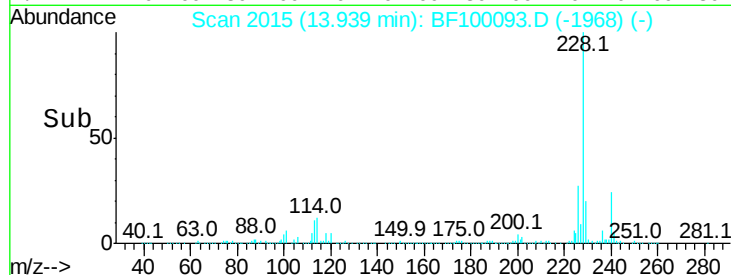
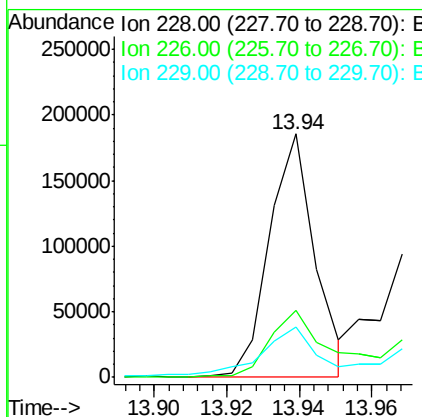
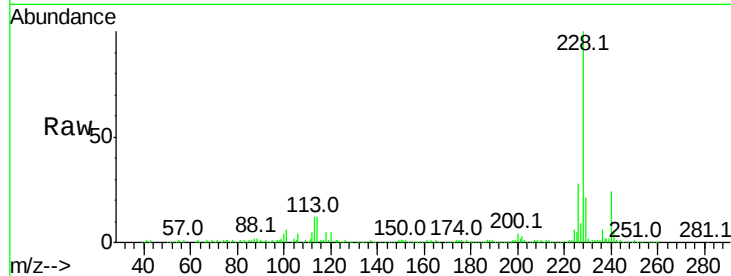
#80
Benzo(a)anthracene
Concen: 16.043 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.6	15.8	23.6

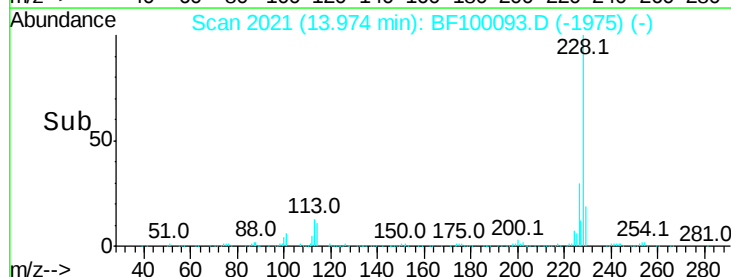
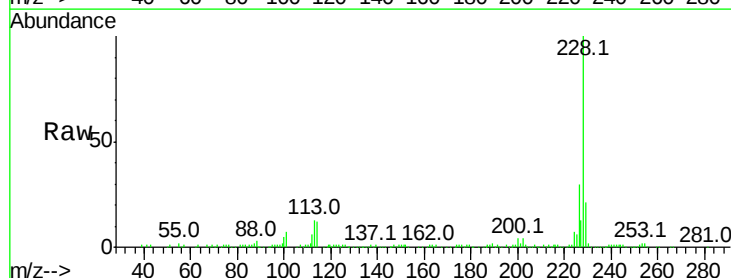
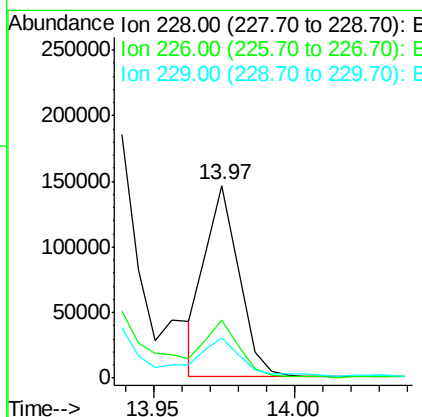
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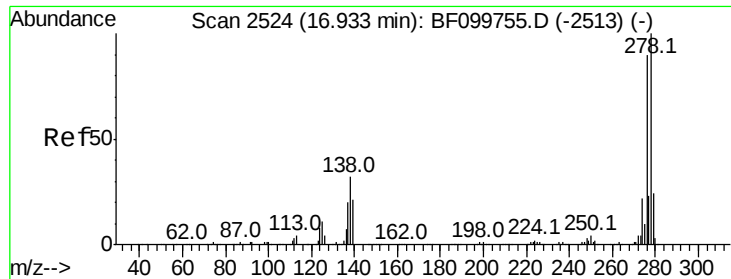
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#82
Chrysene
Concen: 12.928 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.7	16.2	24.4





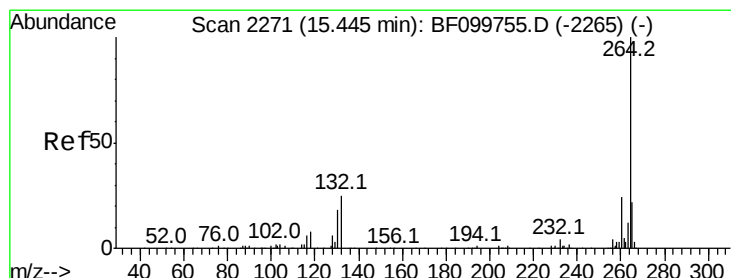
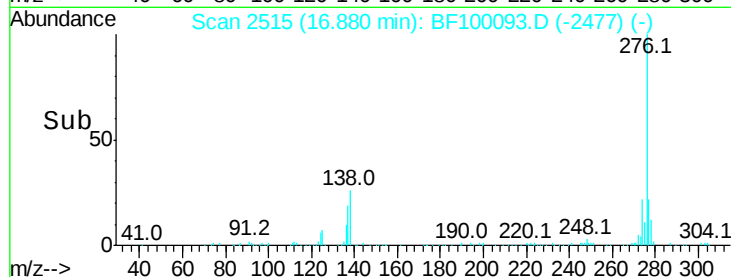
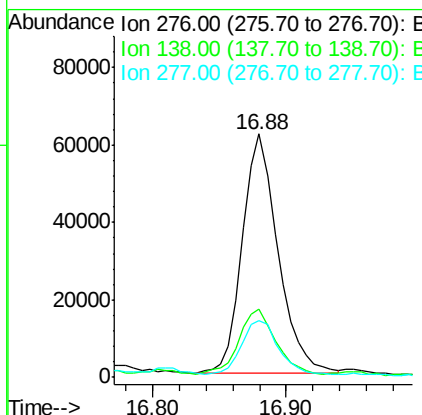
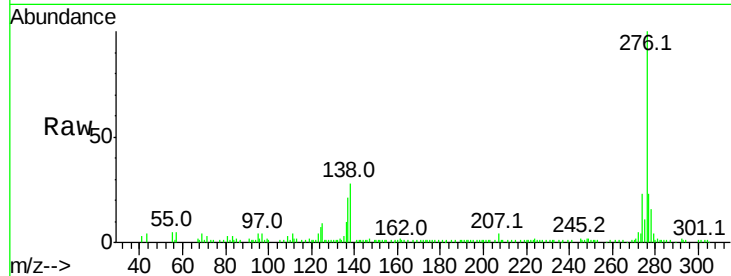
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.303 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.08 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	23.3	20.1	30.1

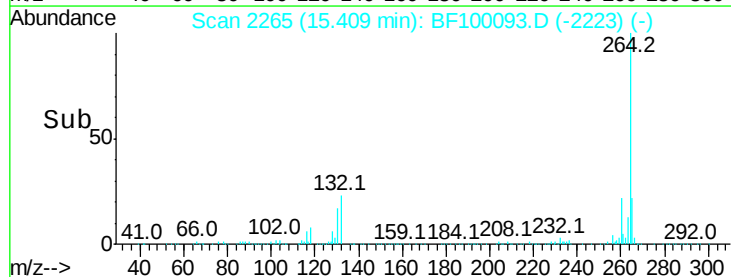
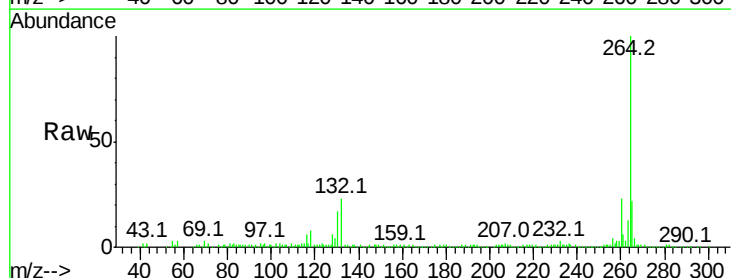
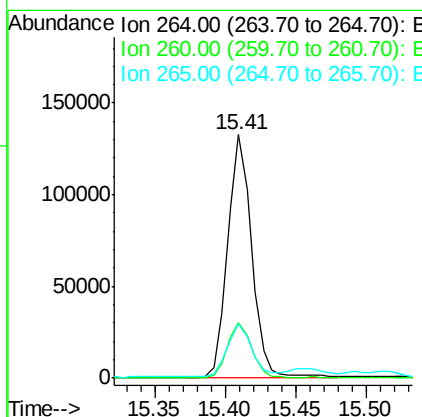
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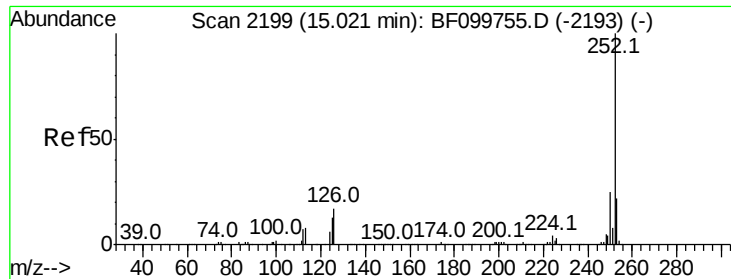
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 25.295 ng m

RT: 14.99 min Scan# 2193

Delta R.T. -0.05 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Instrument :

BNA_F

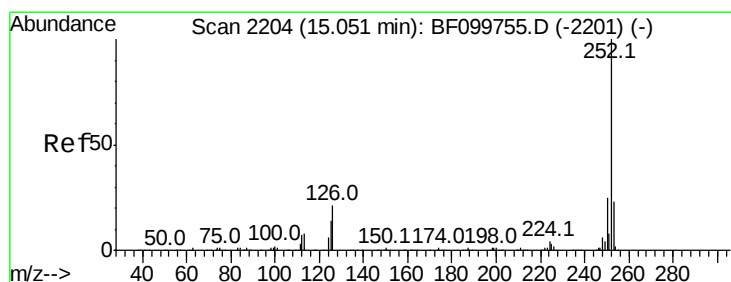
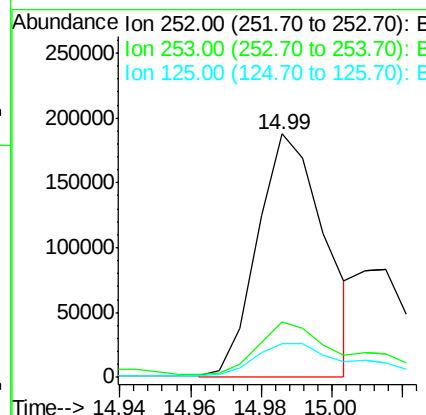
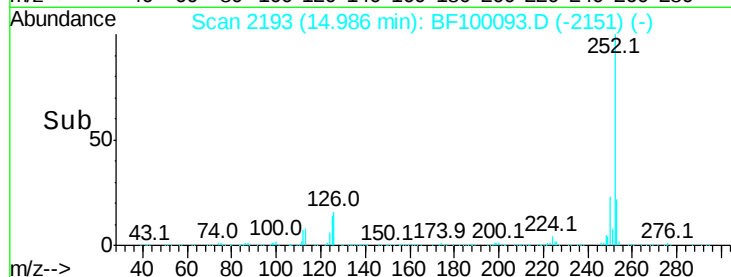
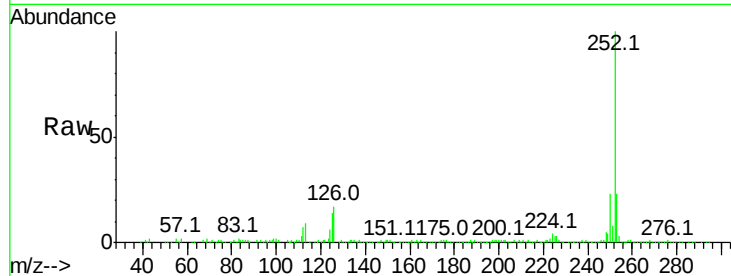
ClientSampleId :

SA-01-103117

Tot Ion:	252	Resp:	250195
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.0	25.6
125	14.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 9.223 ng m

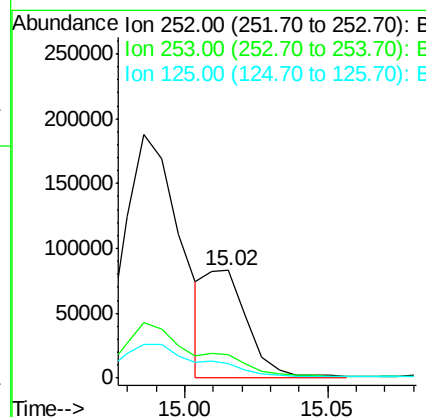
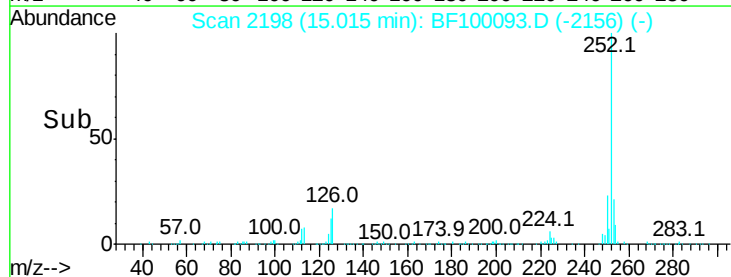
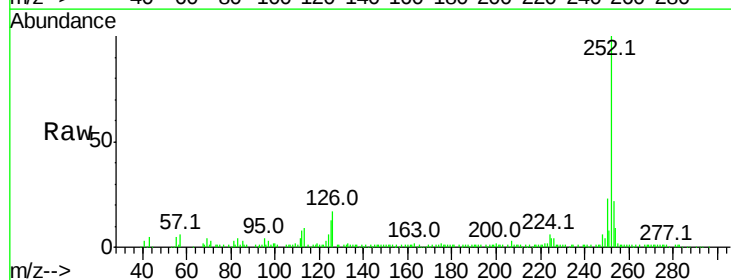
RT: 15.02 min Scan# 2198

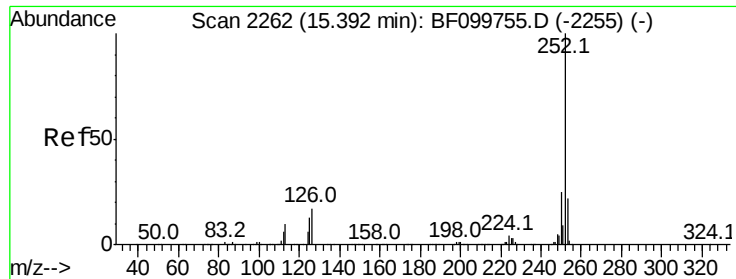
Delta R.T. -0.05 min

Lab File: BF100093.D

Acq: 2 Nov 2017 19:01

Tgt Ion:	252	Resp:	86026
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.9	10.2	15.2





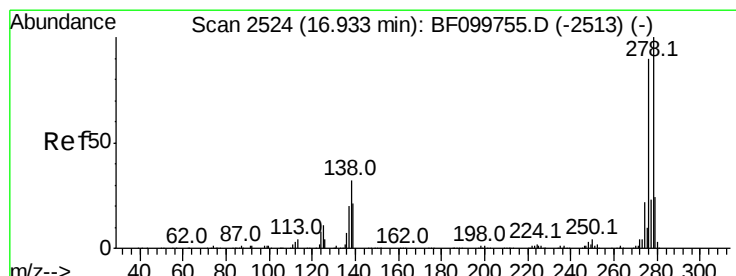
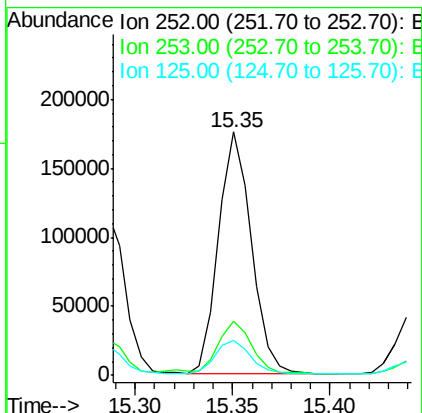
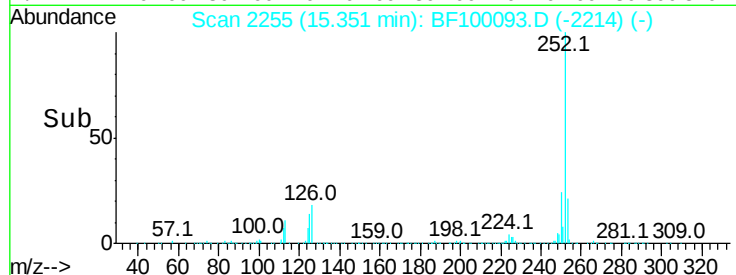
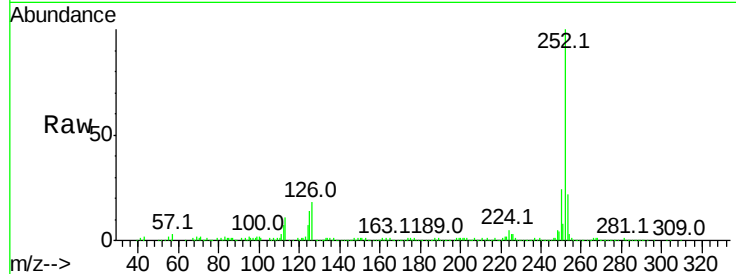
#89
Benzo(a)pyrene
Concen: 23.207 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.06 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Instrument :
BNA_F
ClientSampleId :
SA-01-103117

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.3	9.8	14.6

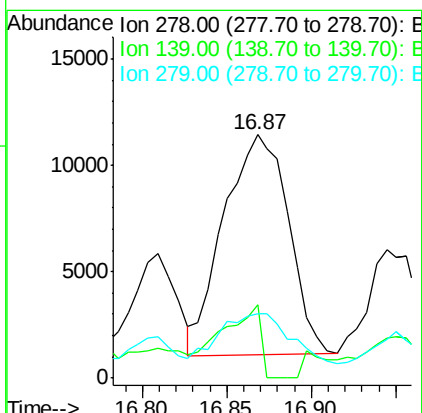
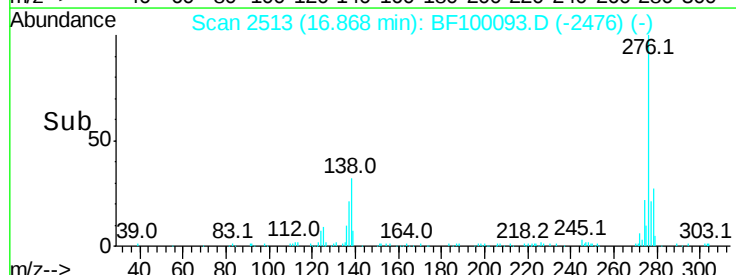
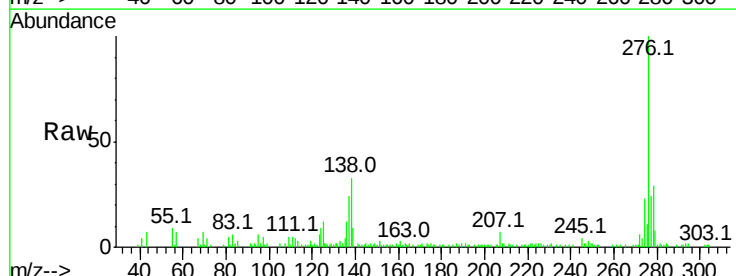
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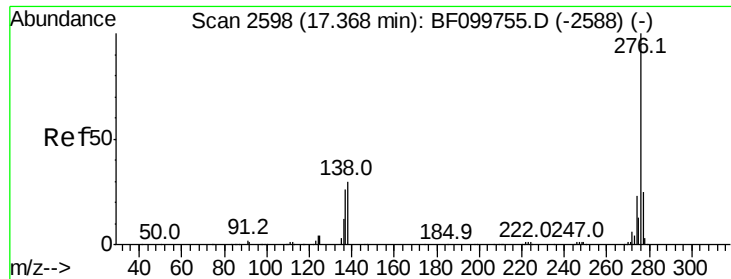
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#90
Dibenzo(a,h)anthracene
Concen: 3.488 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.08 min
Lab File: BF100093.D
Acq: 2 Nov 2017 19:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.1	15.9	23.9#
279	26.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 15.041 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. -0.08 min
 Lab File: BF100093.D
 Acq: 2 Nov 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-103117

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
 APPROVED

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 11/3/2017 11:19:35 AM

