

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096184.D
 Acq On : 24 Jun 2017 11:49
 Operator : SJ/MA
 Sample : I3849-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Manual Integrations
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mohammad
 6/29/2017 3:44:15 PM

Quant Time: Jun 29 13:24:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	66605	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	278487	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	124273	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	209300	20.00	ng	-0.03
75) Chrysene-d12	18.25	240	127797	20.00	ng	-0.02
86) Perylene-d12	19.93	264	125301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	38145m	9.13	ng	0.06
7) Phenol-d6	6.93	99	52442m	10.48	ng	0.06
23) Nitrobenzene-d5	8.23	82	24725	5.51	ng	0.01
41) 2,4,6-Tribromophenol	13.44	330	7929	7.21	ng	-0.01
44) 2-Fluorobiphenyl	11.08	172	62967	7.05	ng	-0.03
78) Terphenyl-d14	16.90	244	38857	7.55	ng	-0.03
Target Compounds						Qvalue
70) Phenanthrene	14.54	178	175031	14.49	ng	97
71) Anthracene	14.65	178	38588	3.06	ng	97
74) Fluoranthene	16.34	202	171932	14.38	ng	98
77) Pyrene	16.64	202	148772	15.60	ng	95
80) Benzo(a)anthracene	18.24	228	51229	6.89	ng	98
82) Chrysene	18.29	228	48931	6.59	ng	98
85) Indeno(1,2,3-cd)pyrene	21.10	276	28506	4.49	ng	95
87) Benzo(b)fluoranthene	19.53	252	53337m	6.80	ng	
88) Benzo(k)fluoranthene	19.56	252	20974m	2.80	ng	
89) Benzo(a)pyrene	19.87	252	43600	6.05	ng	# 93
91) Benzo(g,h,i)perylene	21.43	276	26133	4.19	ng	94

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

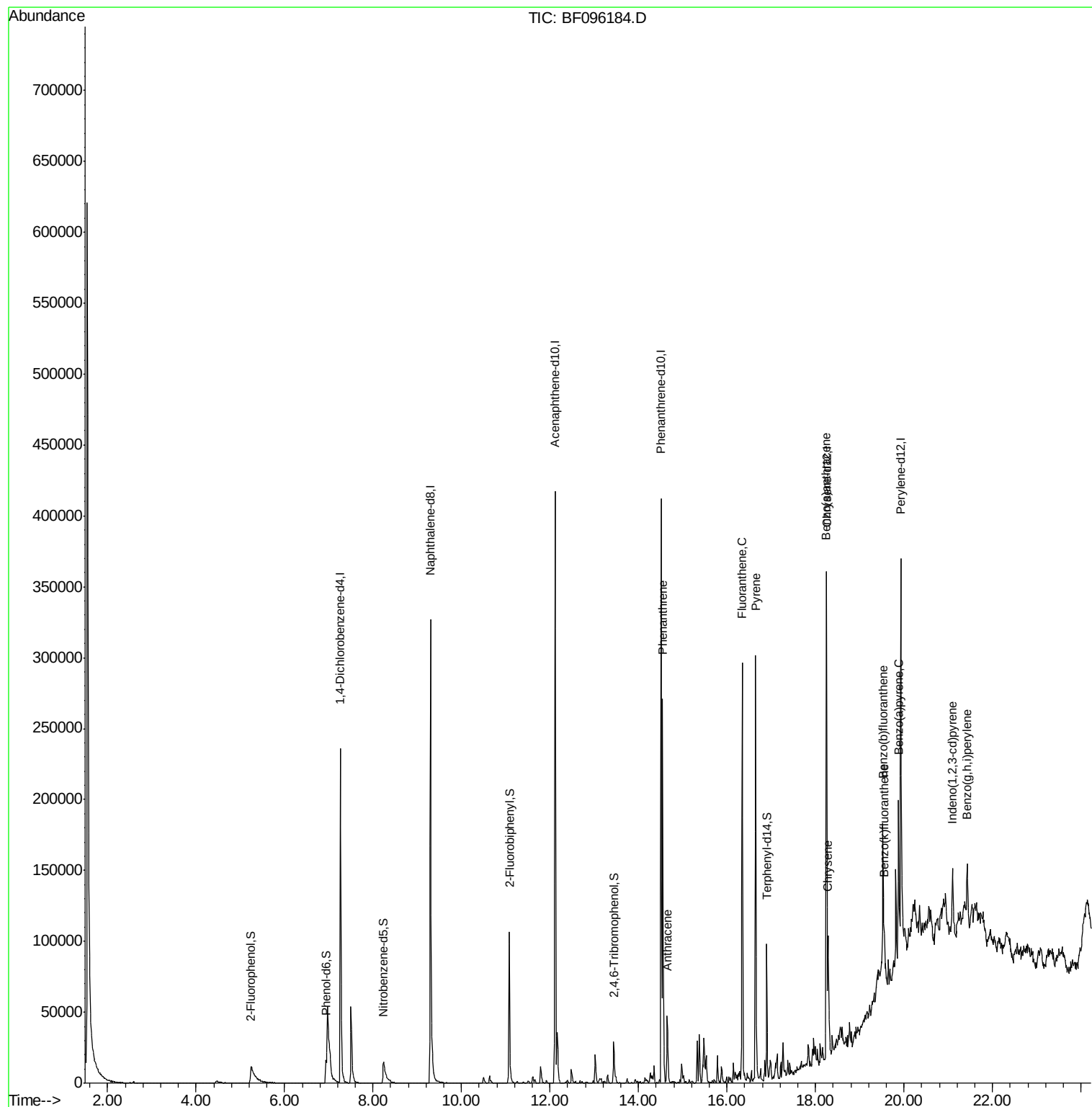
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
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Acq On : 24 Jun 2017 11:49
Operator : SJ/MA
Sample : I3849-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

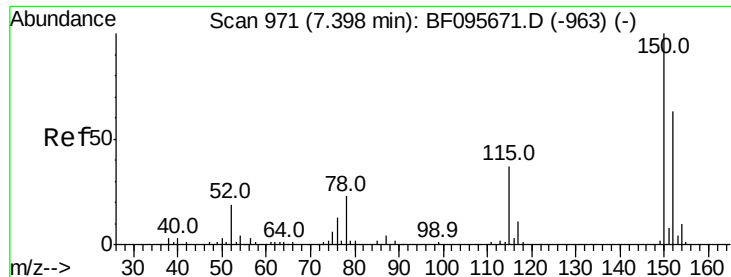
Instrument :
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#1

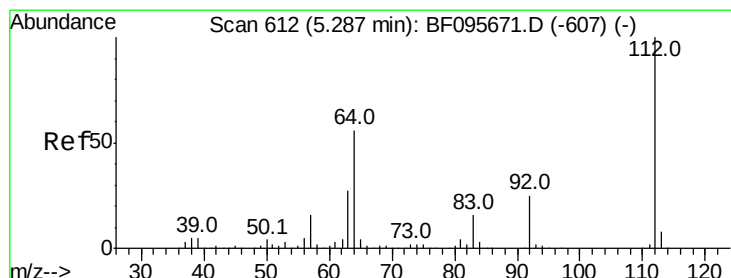
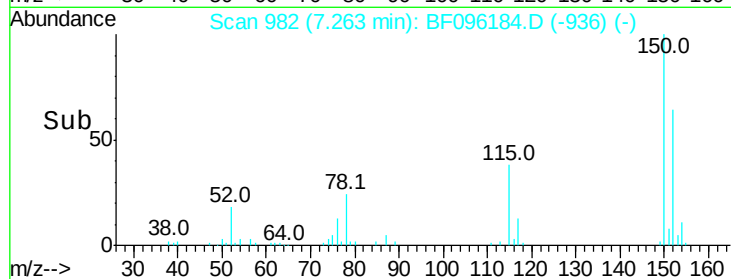
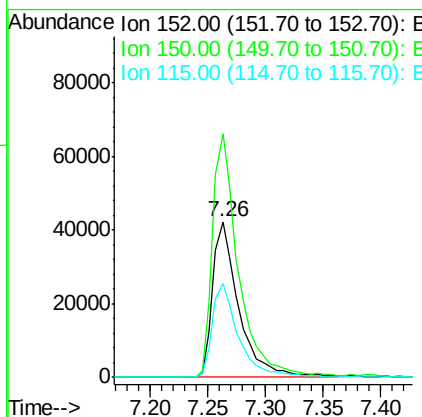
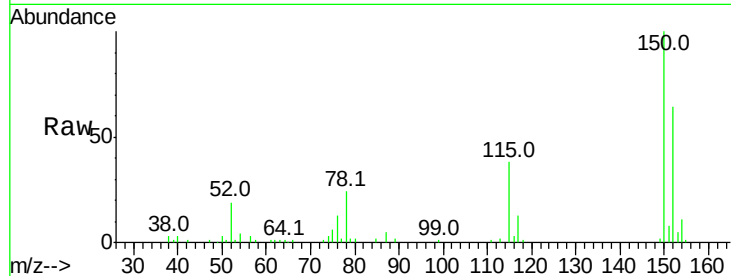
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampled :
SB-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	60.1	52.2	78.2

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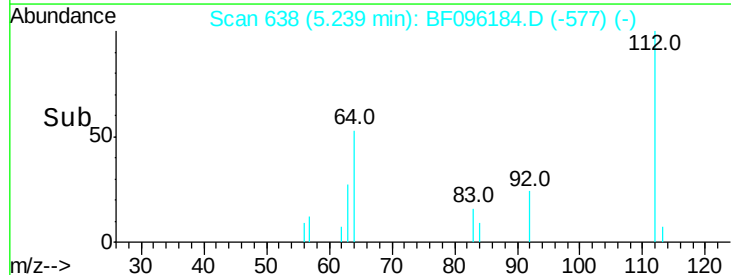
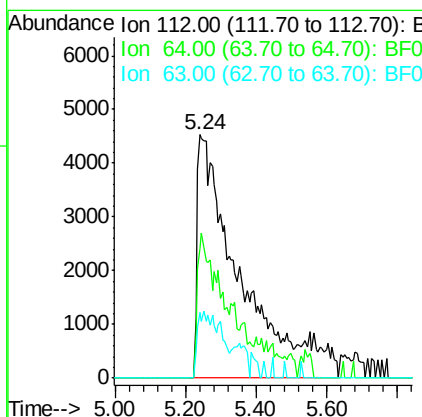
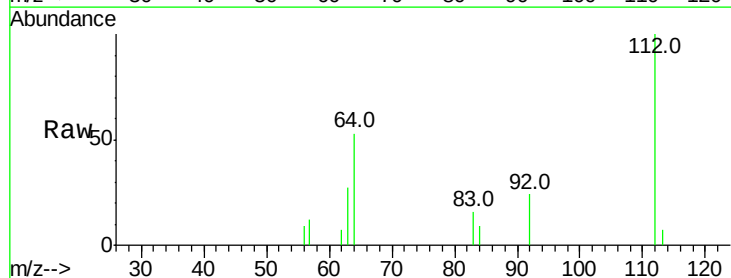
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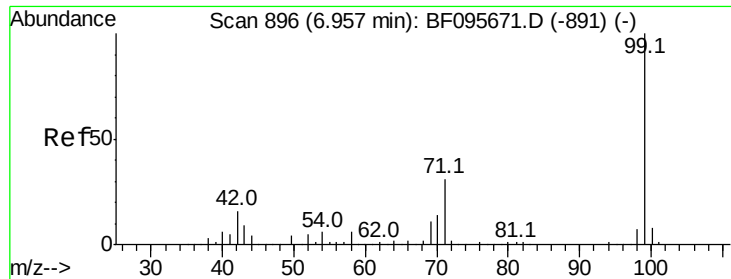


#5

2-Fluorophenol
Concen: 9.13 ng m
RT: 5.24 min Scan# 638
Delta R.T. 0.06 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	26.8	23.4	35.0





#7

Phenol-d6

Concen: 10.48 ng/mL

RT: 6.93 min Scan# 926

Delta R.T. 0.06 min

Lab File: BF096184.D

Acq: 24 Jun 2017 11:49

Instrument :

BNA_F

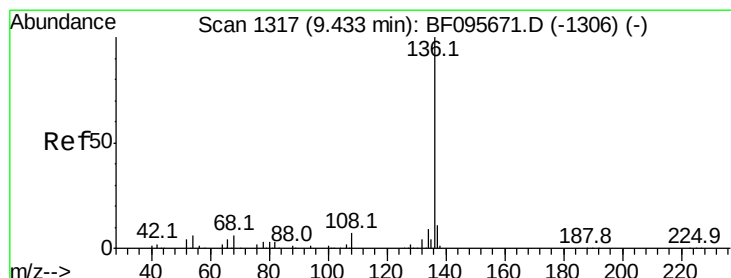
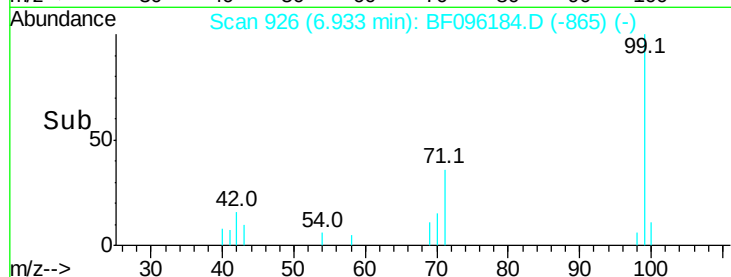
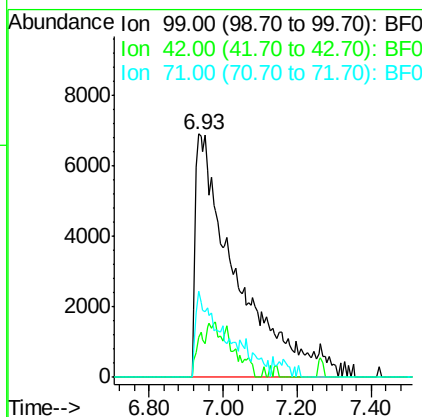
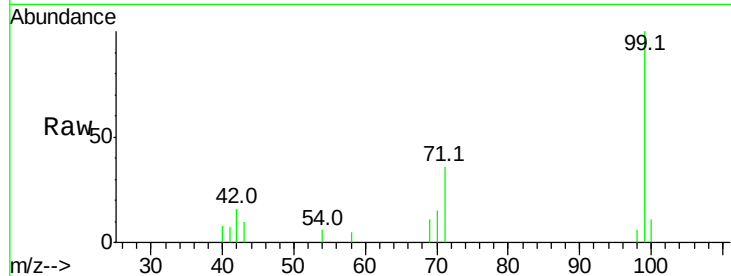
ClientSampleId :

SB-01

Tot Ion:	99	Resp:	52442
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	35.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

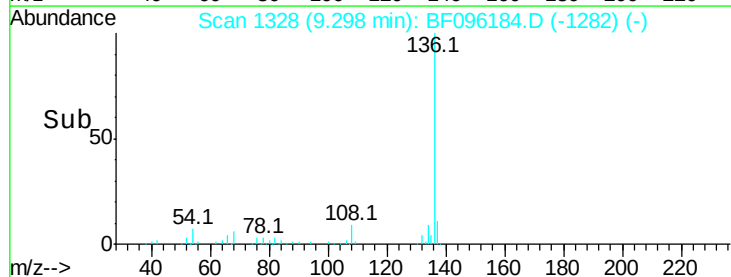
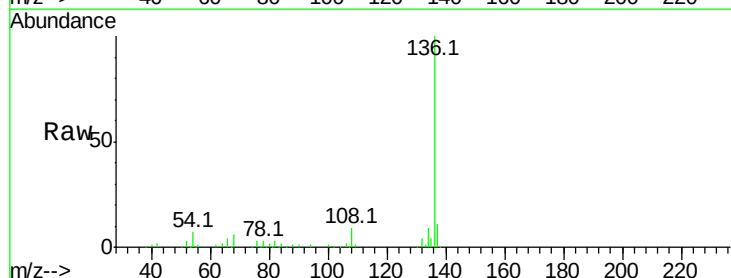
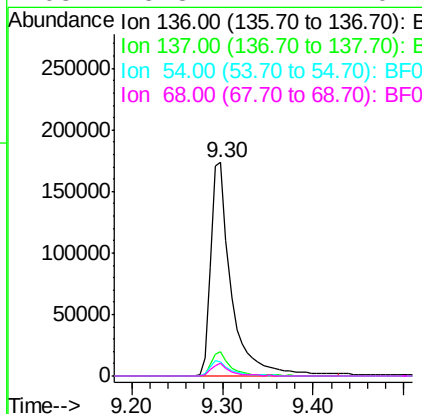
RT: 9.30 min Scan# 1328

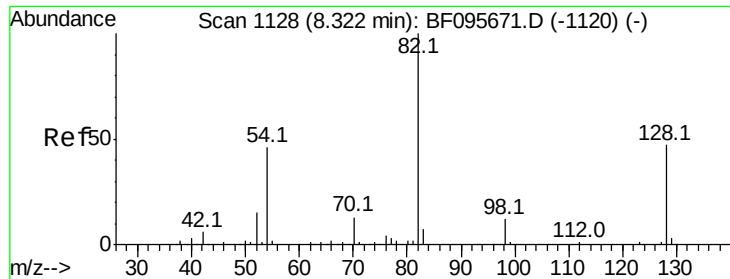
Delta R.T. -0.03 min

Lab File: BF096184.D

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Tgt Ion:	136	Resp:	278487
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	6.7	4.9	7.3
68	5.8	4.1	6.1





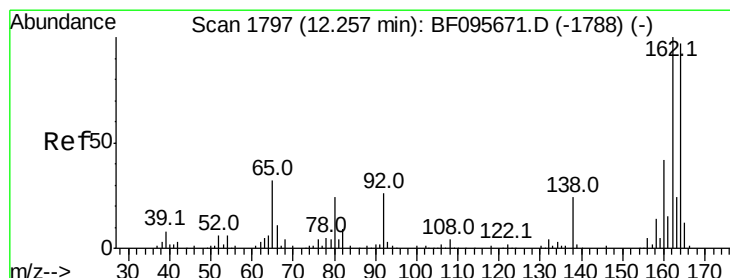
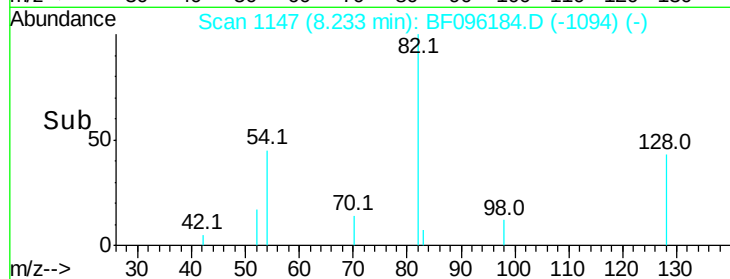
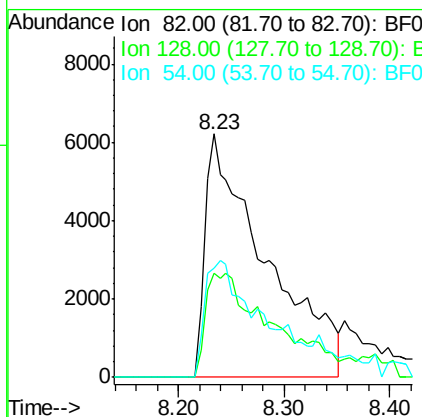
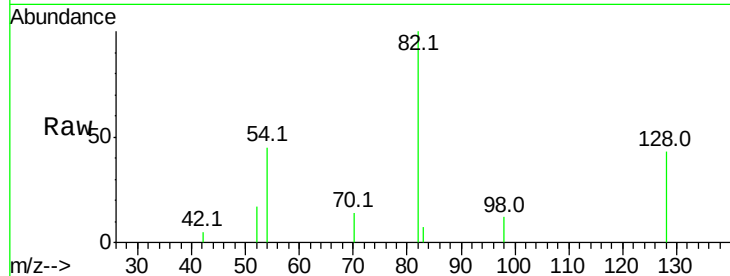
#23
 Nitrobenzene-d5
 Concen: 5.51 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Instrument :
 BNA_F
 ClientSampled :
 SB-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	44.7	42.2	63.2

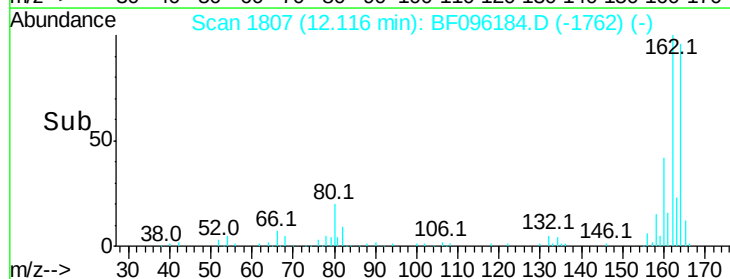
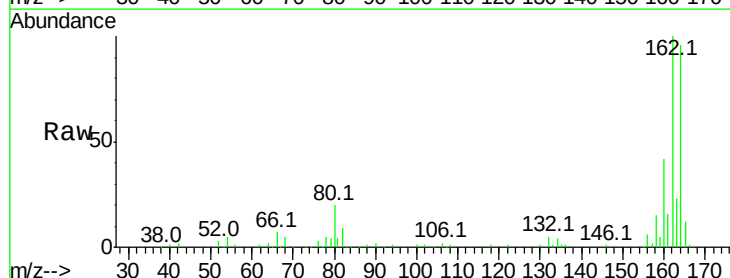
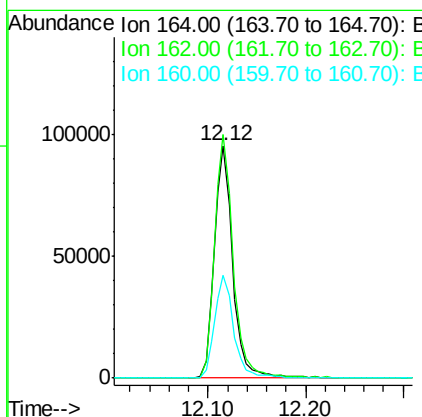
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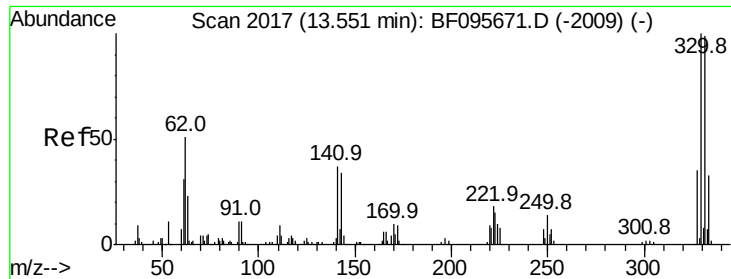
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.2	36.2	54.2





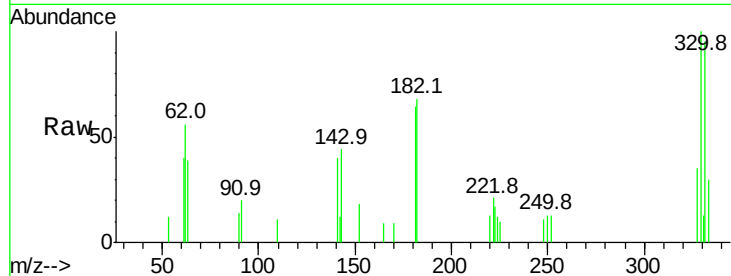
#41
 2,4,6-Tribromophenol
 Concen: 7.21 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

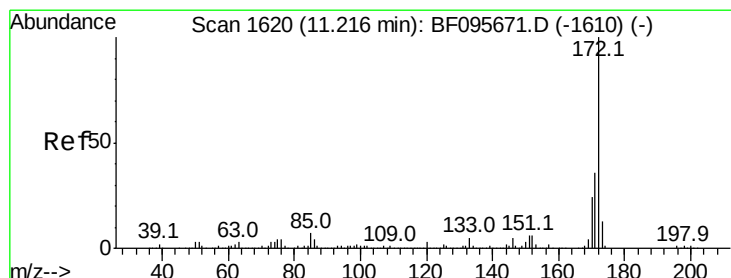
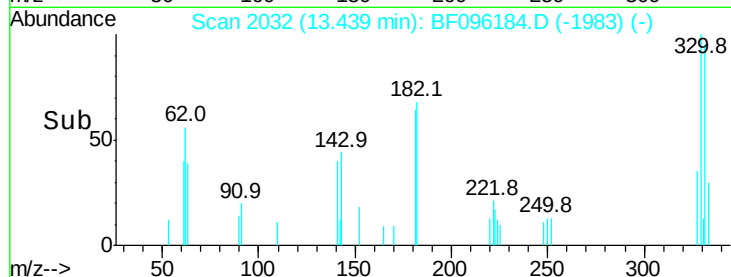
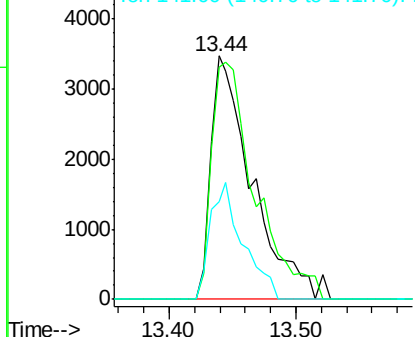
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	76.6	115.0
141	37.9	31.4	47.2

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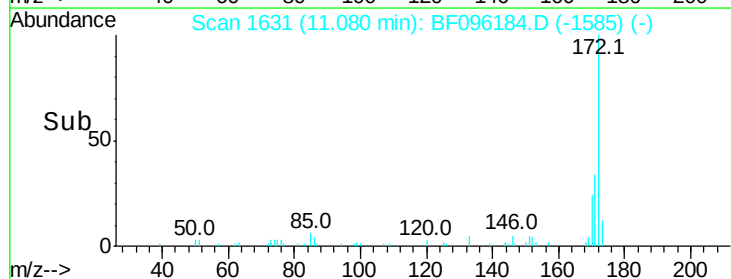
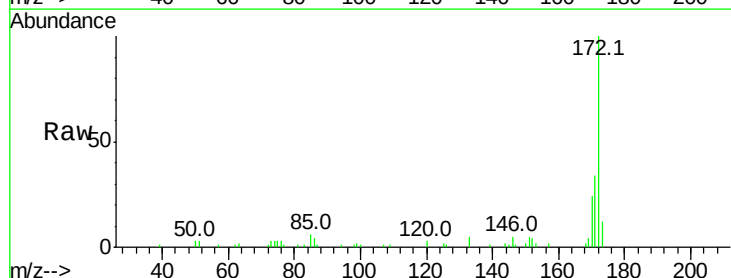
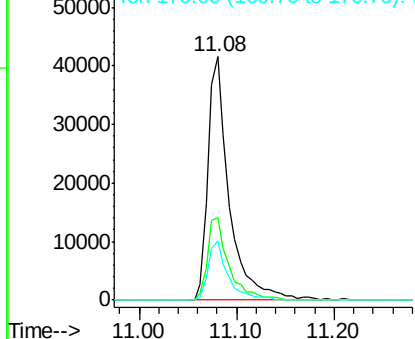
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

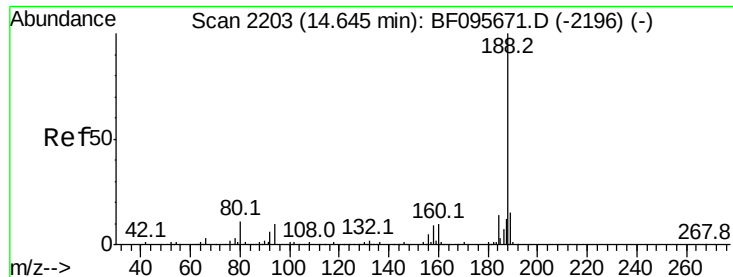


#44
 2-Fluorobiphenyl
 Concen: 7.05 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	24.2	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





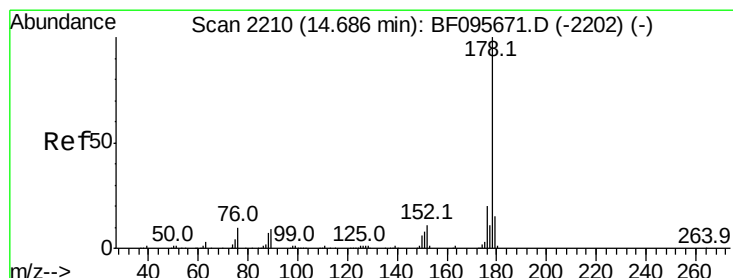
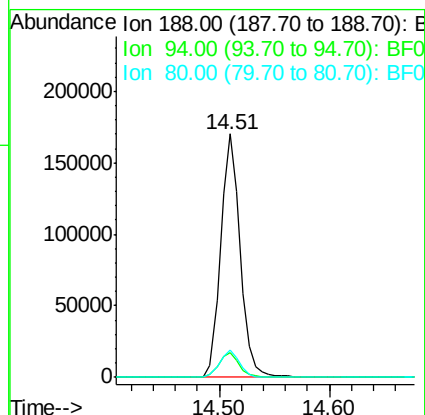
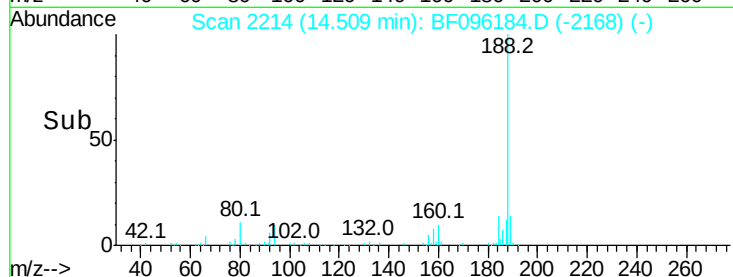
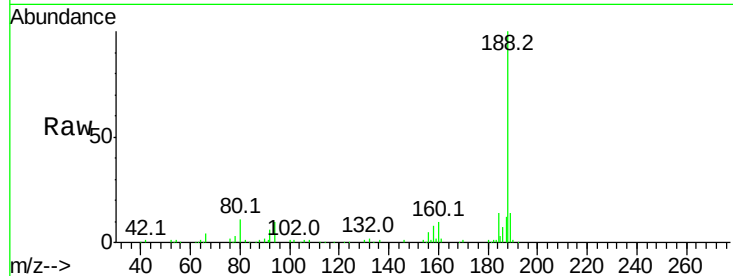
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :
SB-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	10.2	15.2

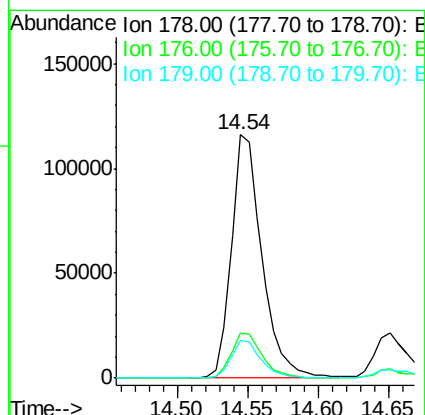
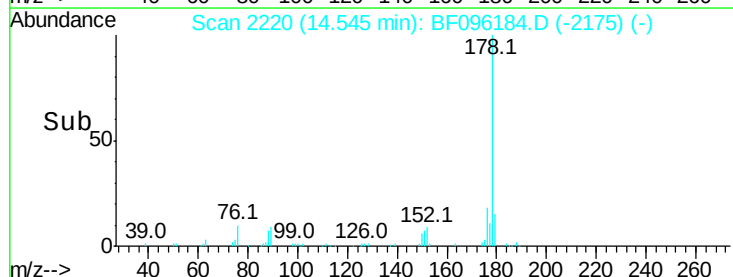
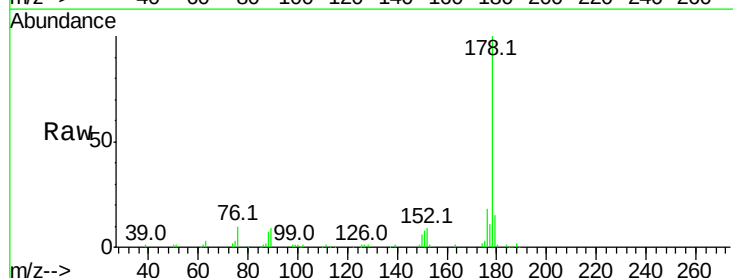
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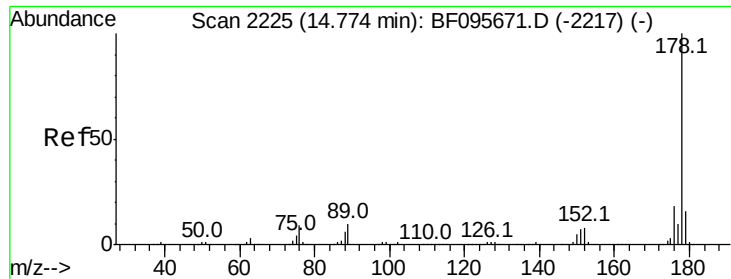
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#70
Phenanthrene
Concen: 14.49 ng
RT: 14.54 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.5	12.6	19.0





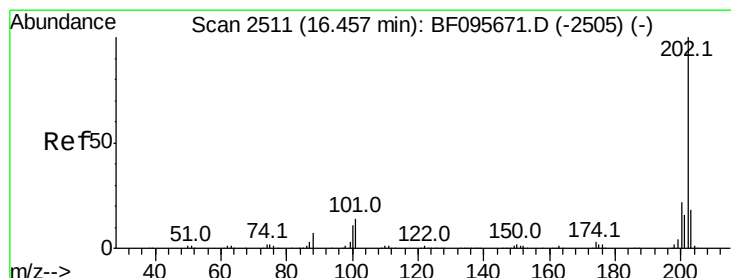
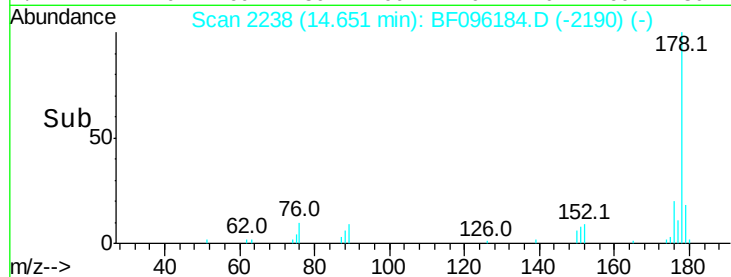
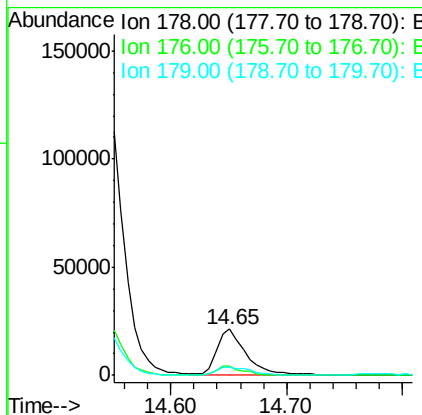
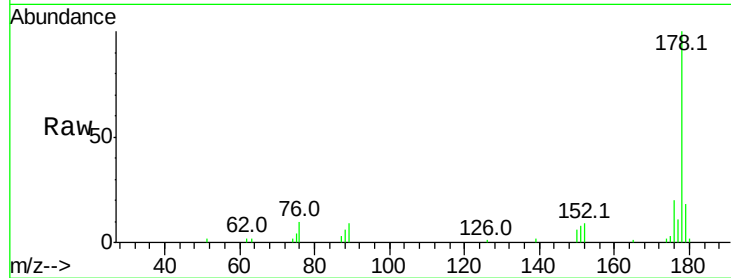
#71
 Anthracene
 Concen: 3.06 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Instrument :
 BNA_F
 ClientSampled :
 SB-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	18.3	12.7	19.1

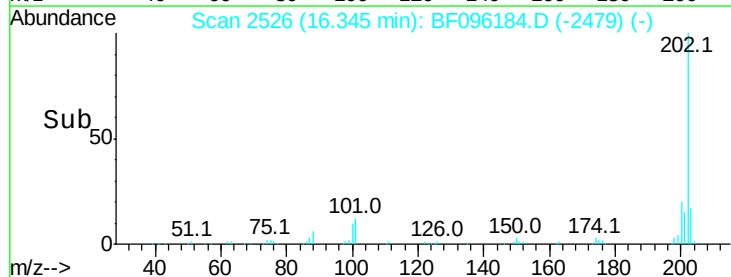
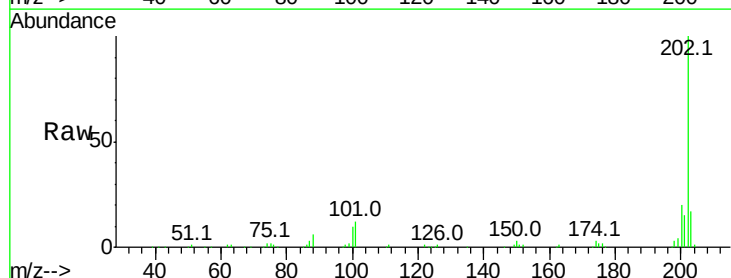
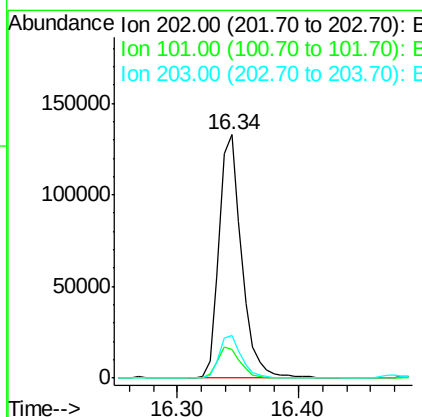
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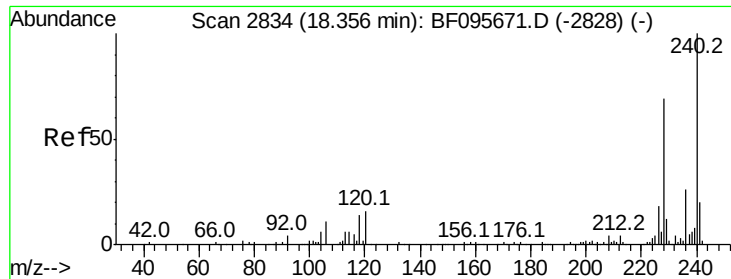
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#74
 Fluoranthene
 Concen: 14.38 ng
 RT: 16.34 min Scan# 2526
 Delta R.T. -0.02 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.25 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF096184.D

Acq: 24 Jun 2017 11:49

Instrument :

BNA_F

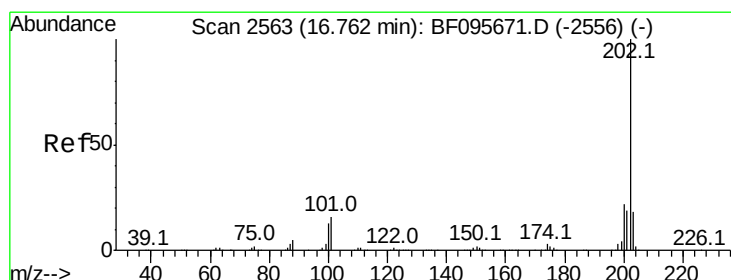
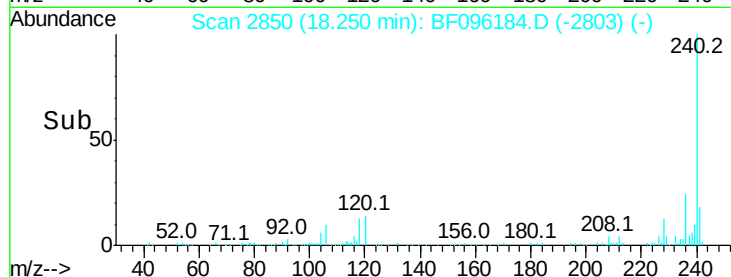
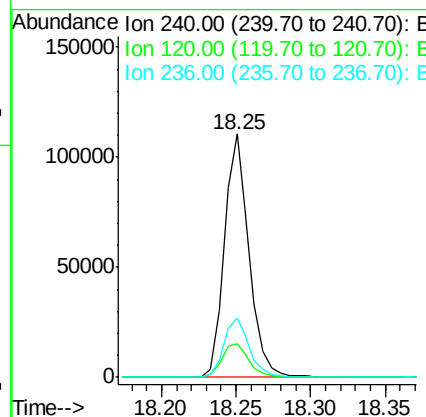
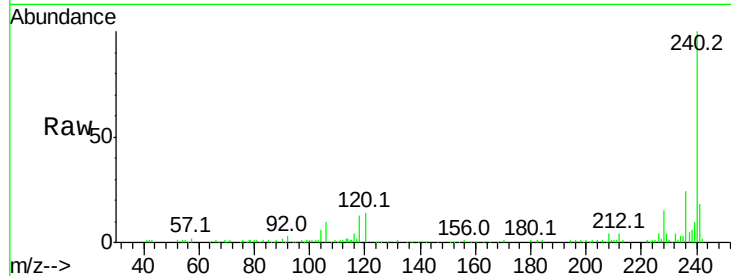
ClientSampled :

SB-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.2	20.5	30.7

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#77

Pyrene

Concen: 15.60 ng

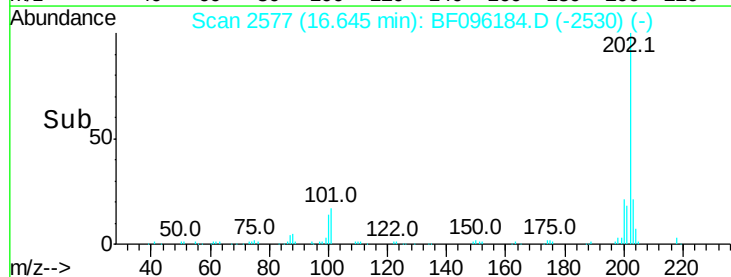
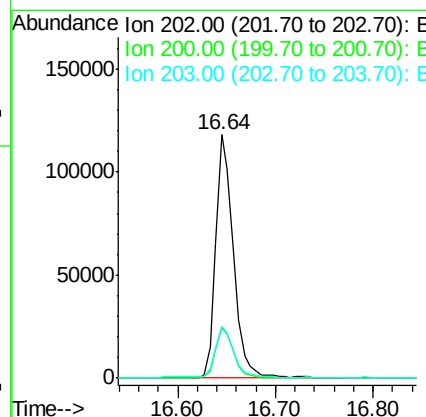
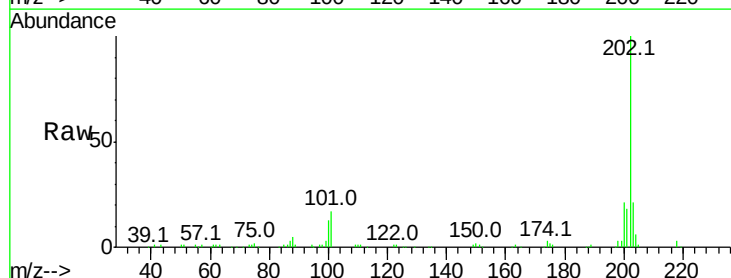
RT: 16.64 min Scan# 2577

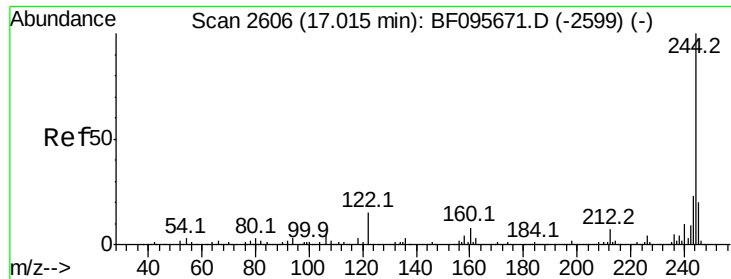
Delta R.T. -0.02 min

Lab File: BF096184.D

Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	21.0	14.4	21.6





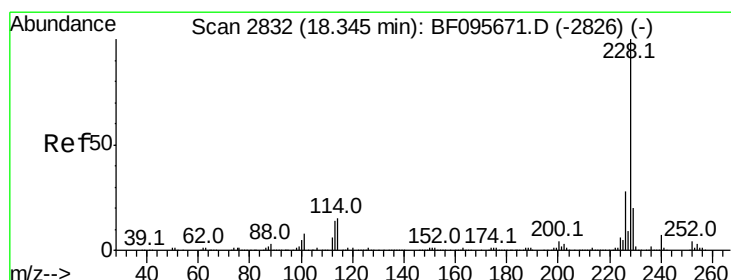
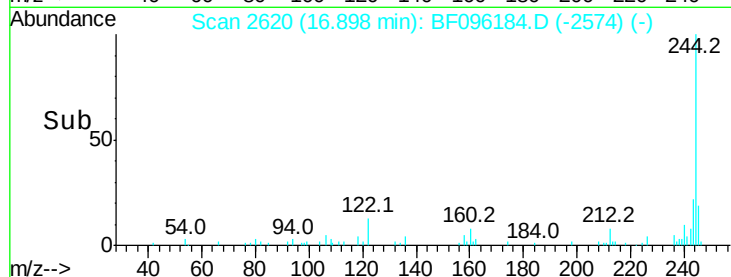
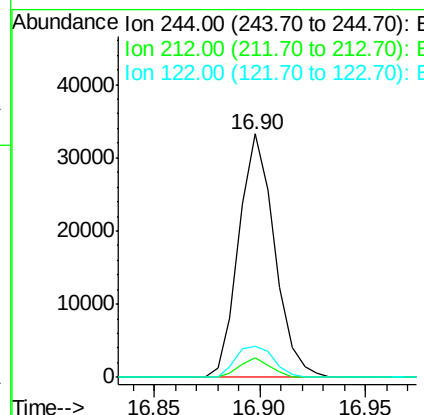
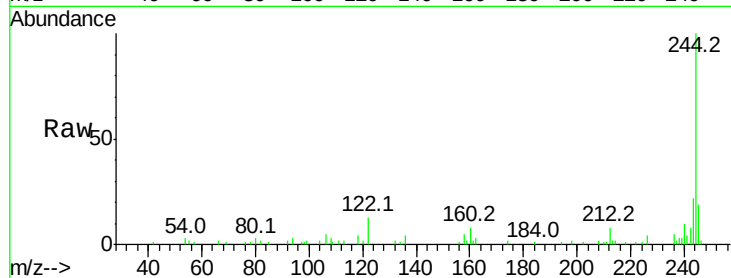
#78
 Terphenyl-d14
 Concen: 7.55 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.0	10.3	15.5

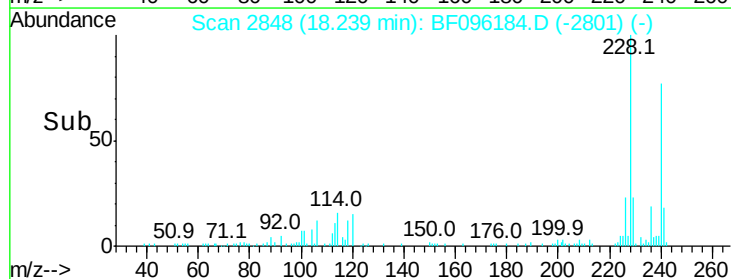
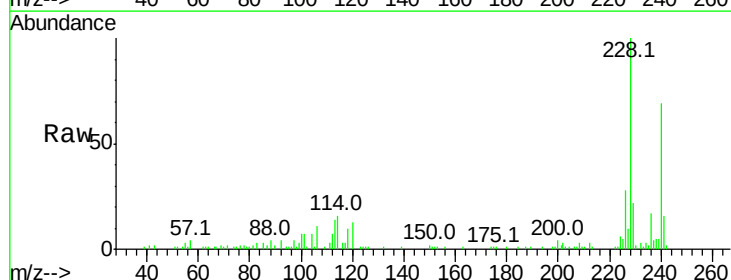
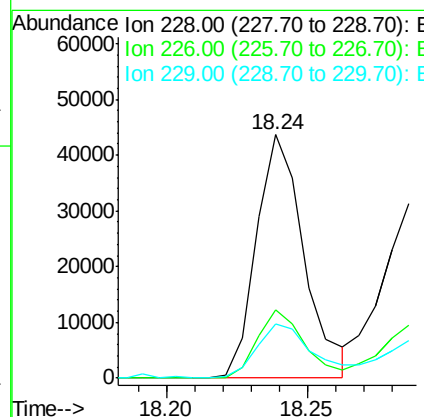
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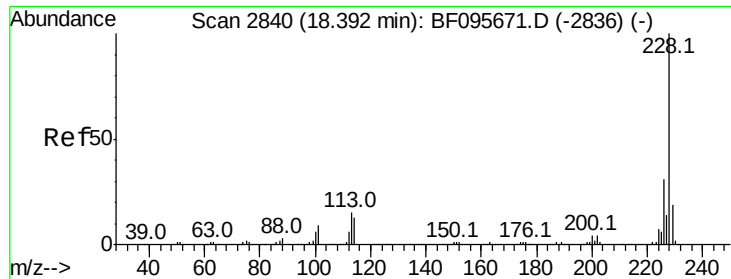
mohammad
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#80
 Benzo(a)anthracene
 Concen: 6.89 ng
 RT: 18.24 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	22.4	16.3	24.5





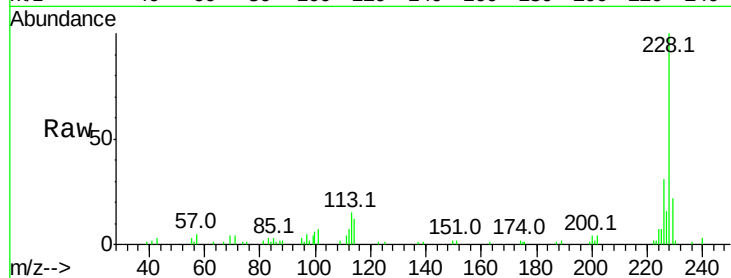
#82
Chrysene
Concen: 6.59 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampled :
SB-01

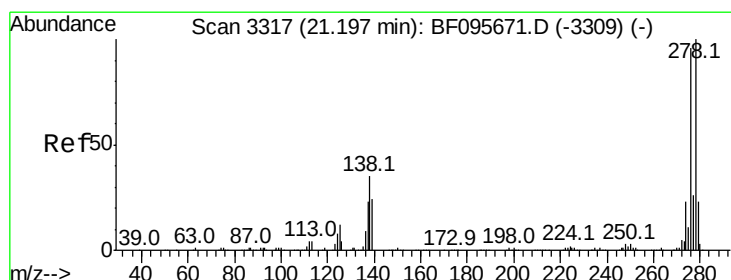
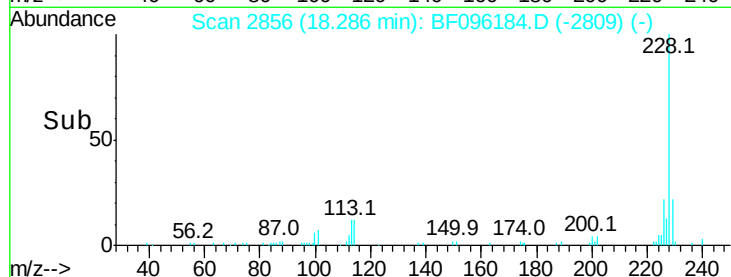
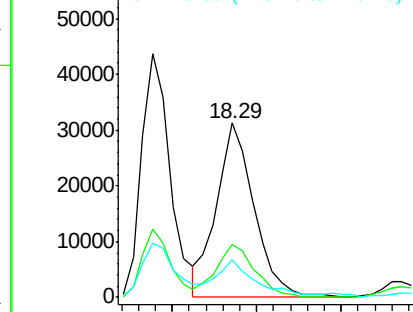
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.7	15.8	23.6

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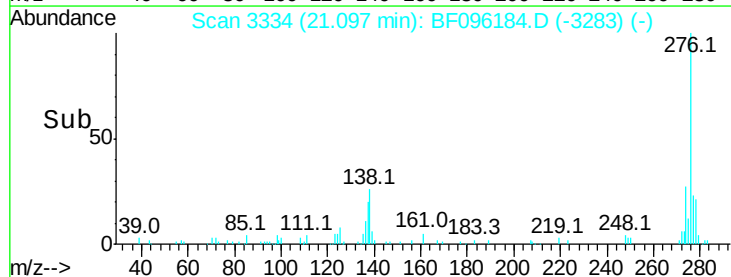
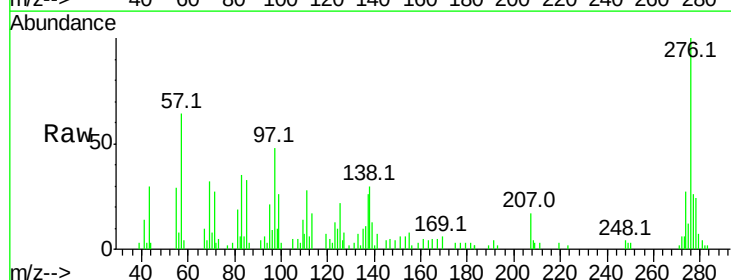
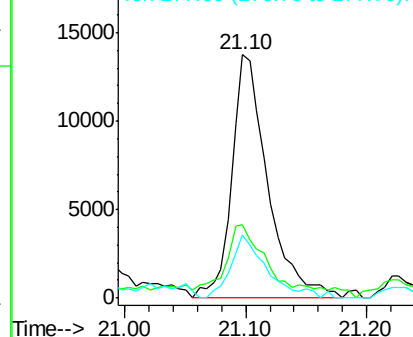
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

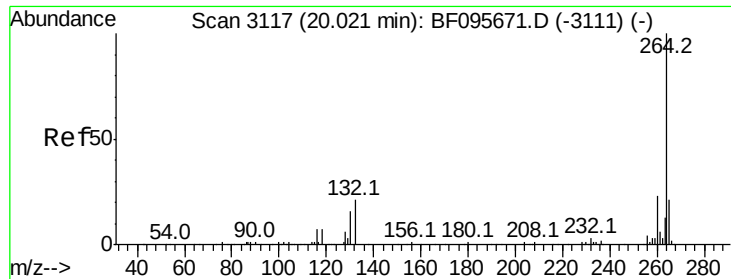


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.49 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.9	27.8	41.6
277	26.0	20.2	30.4

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





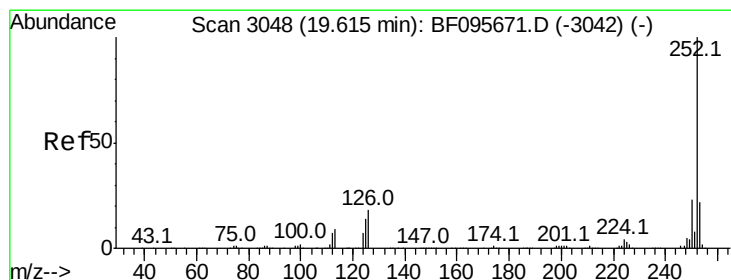
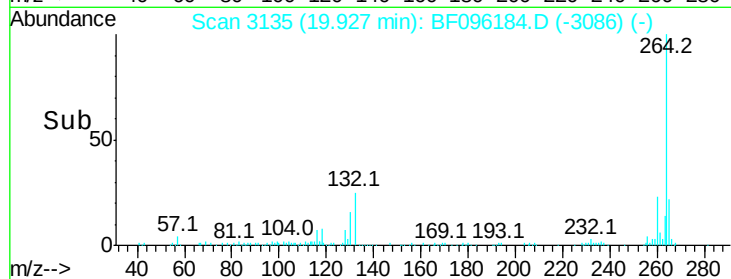
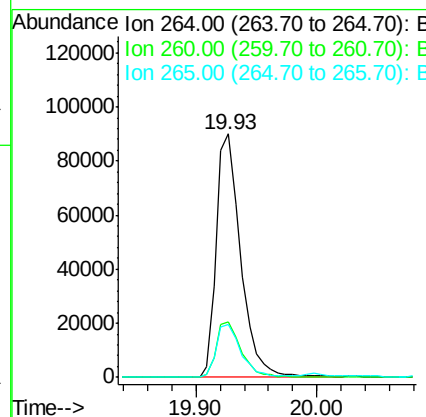
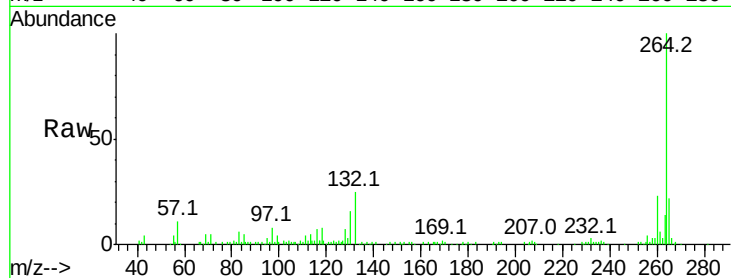
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.0	17.2	25.8

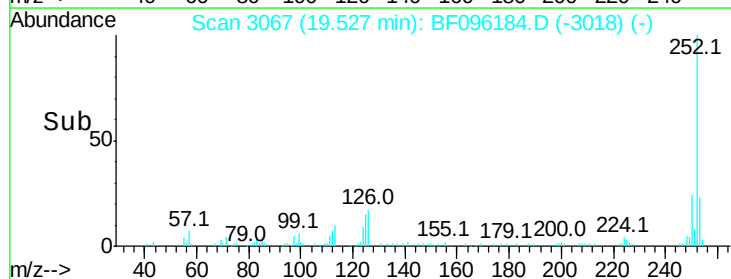
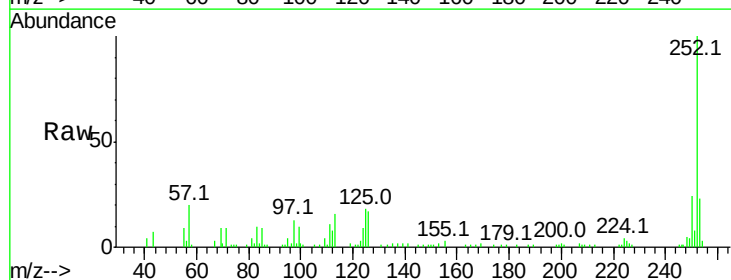
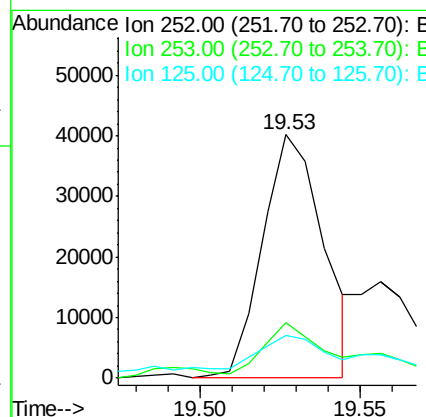
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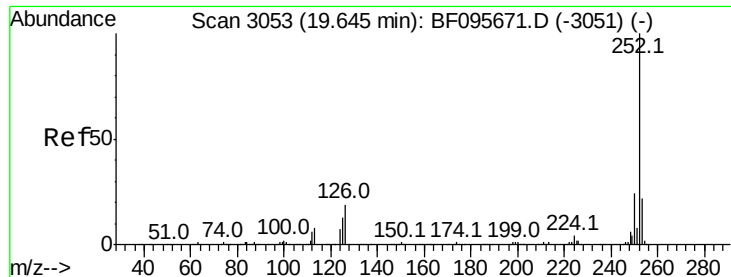
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#87
Benzo(b)fluoranthene
Concen: 6.80 ng m
RT: 19.53 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	17.7	9.8	14.8#





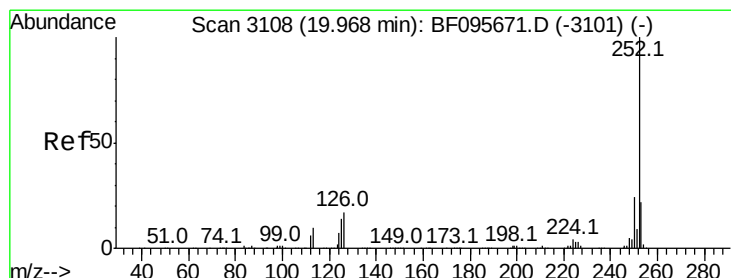
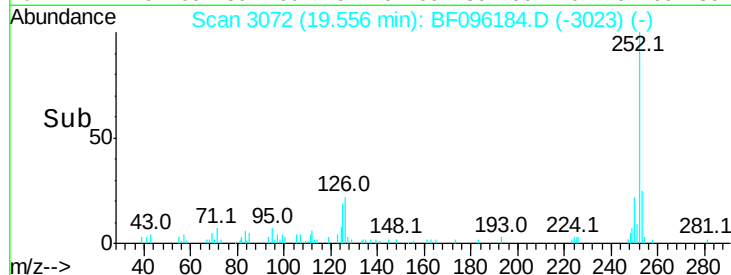
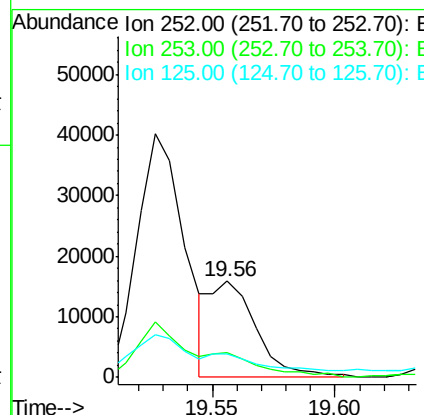
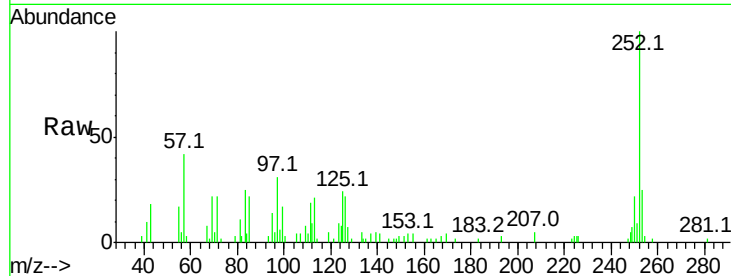
#88
Benzo(k)fluoranthene
Concen: 2.80 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampled :
SB-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	24.5	13.1	19.7

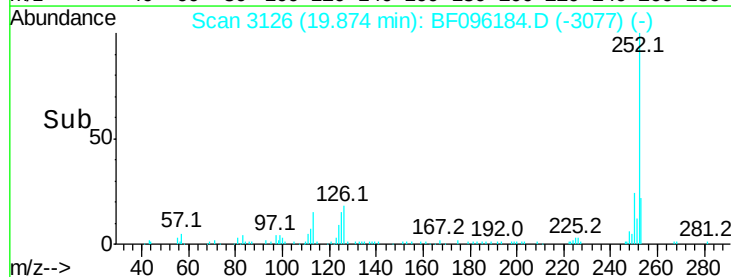
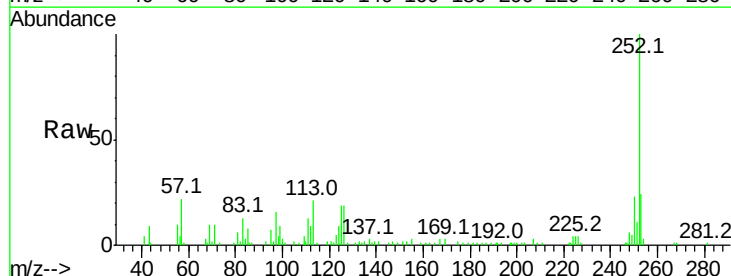
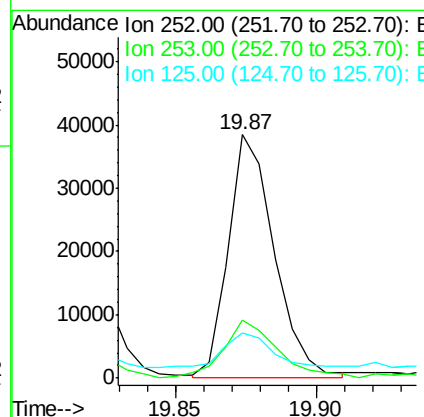
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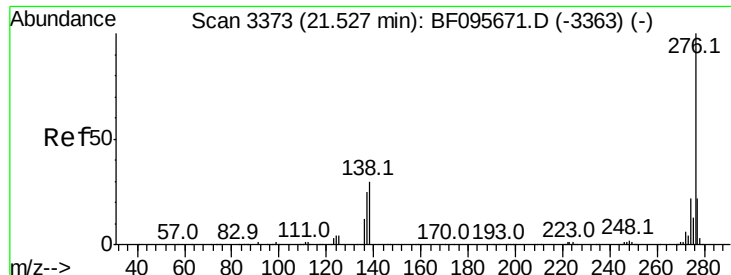
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#89
Benzo(a)pyrene
Concen: 6.05 ng
RT: 19.87 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	18.6	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 4.19 ng
 RT: 21.43 min Scan# 3390
 Delta R.T. 0.01 min
 Lab File: BF096184.D
 Acq: 24 Jun 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	27.2	25.4	38.0

Manual Integrations
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