

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100104.D
 Acq On : 3 Nov 2017 00:00
 Operator : SJ/JU
 Sample : I6247-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP3-C

Manual Integrations
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 11/3/2017 11:20:37 AM

Quant Time: Nov 03 04:10:36 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	82503	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	333221	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	143372	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	216173	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	137811	20.00	ng	-0.02
86) Perylene-d12	15.42	264	136111	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	451810	85.98	ng	0.00
7) Phenol-d6	6.42	99	523320	83.99	ng	-0.01
23) Nitrobenzene-d5	7.34	82	297047	57.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	100160	76.66	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	437304	47.06	ng	-0.01
78) Terphenyl-d14	12.88	244	261466	41.46	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	25520	3.730	ng	86
49) Dimethylphthalate	9.52	163	130233	11.470	ng	100
70) Phenanthrene	11.32	178	103954	8.521	ng	97
74) Fluoranthene	12.52	202	133366	10.519	ng	96
77) Pyrene	12.75	202	120077	11.459	ng	97
80) Benzo(a)anthracene	13.94	228	69786	7.988	ng	98
82) Chrysene	13.98	228	69993	8.522	ng	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	44888	5.953	ng	95
87) Benzo(b)fluoranthene	14.99	252	109475m	12.737	ng	
88) Benzo(k)fluoranthene	15.02	252	35191m	4.342	ng	
89) Benzo(a)pyrene	15.36	252	70898	9.183	ng	# 91
91) Benzo(a,h,i)perylene	17.34	276	43951	6.548	ng	96

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

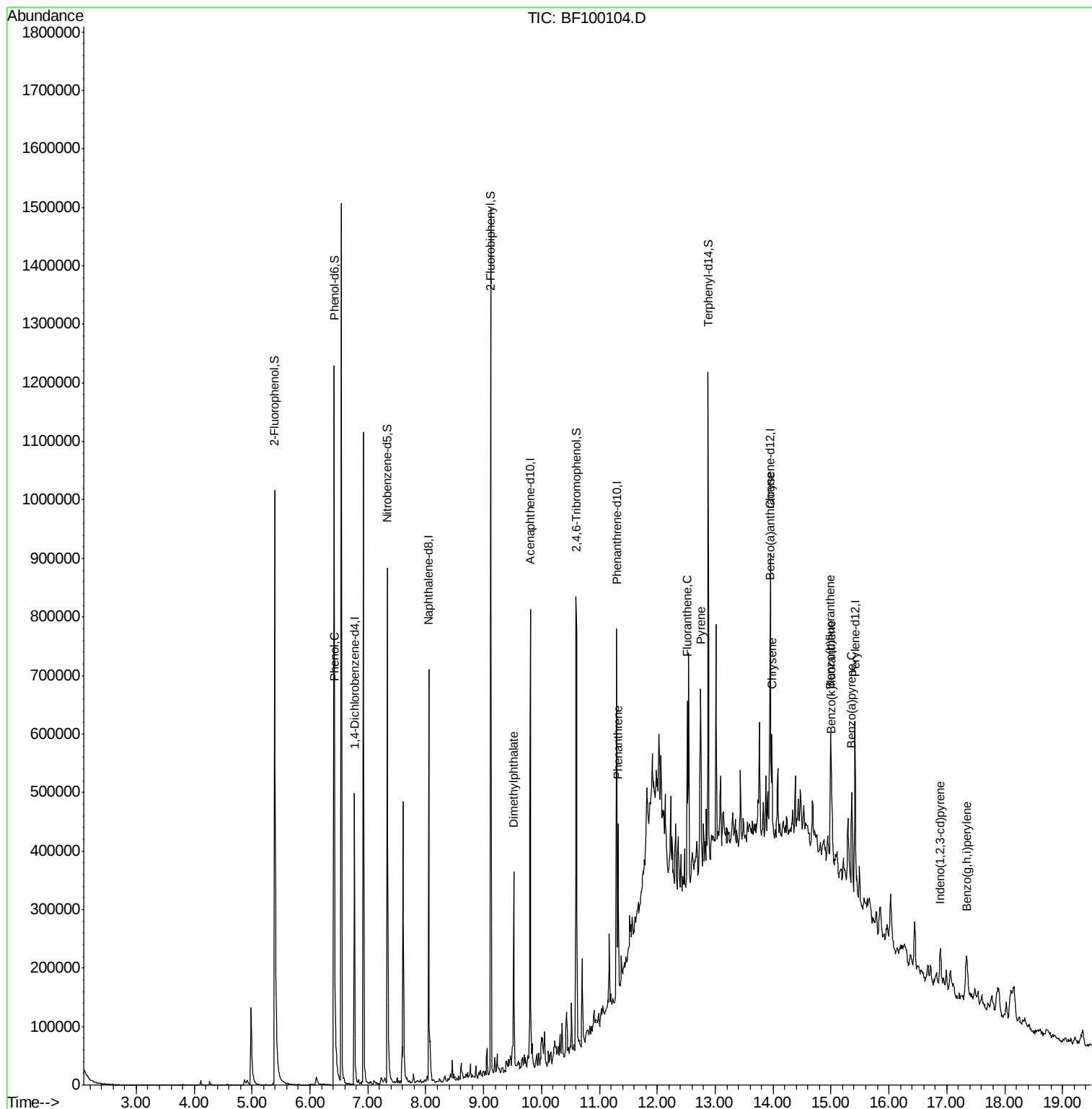
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100104.D
Acq On : 3 Nov 2017 00:00
Operator : SJ/JU
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#1

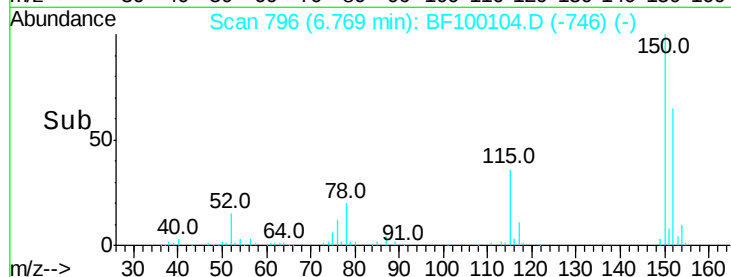
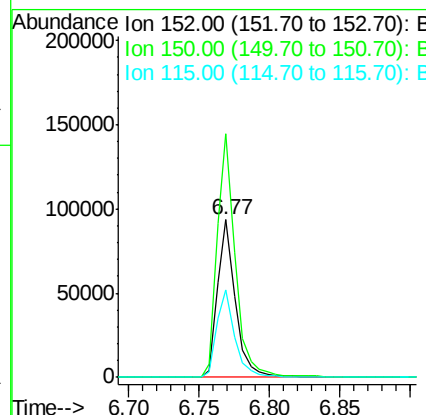
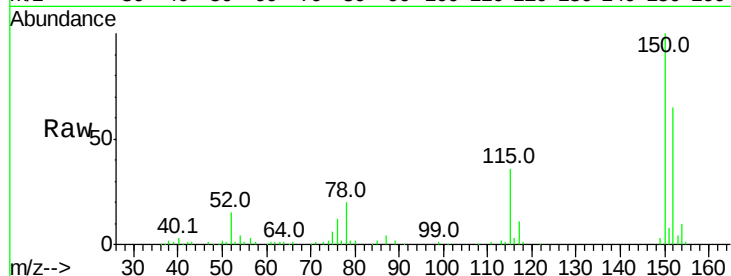
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	55.2	50.1	75.1

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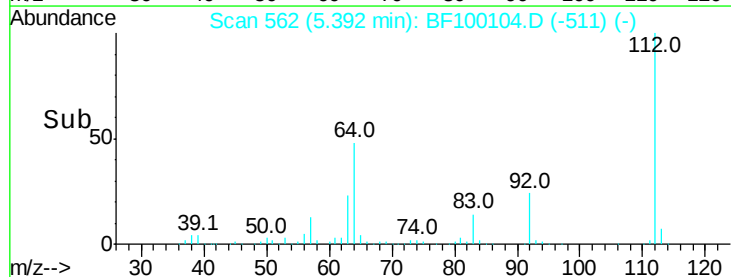
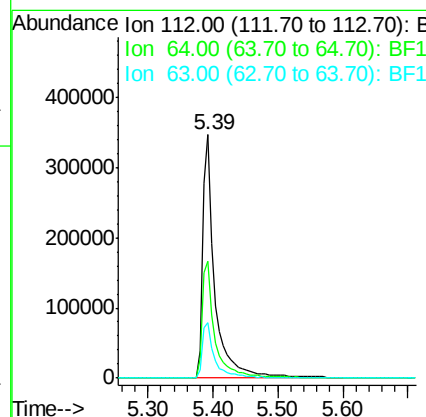
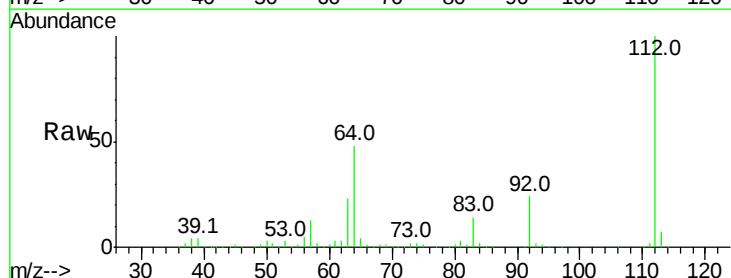
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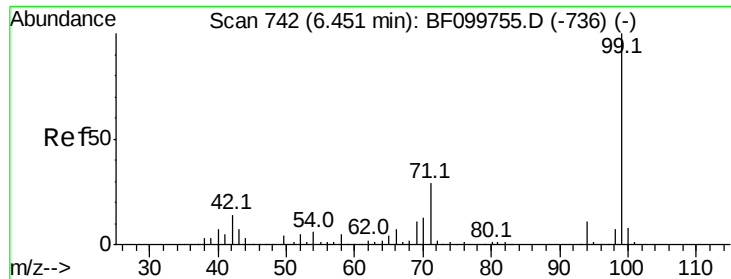


#5

2-Fluorophenol
Concen: 85.976 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.2	47.9	71.9
63	23.0	23.7	35.5





#7

Phenol-d6

Concen: 83.986 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100104.D

Acq: 3 Nov 2017 00:00

Instrument :

BNA_F

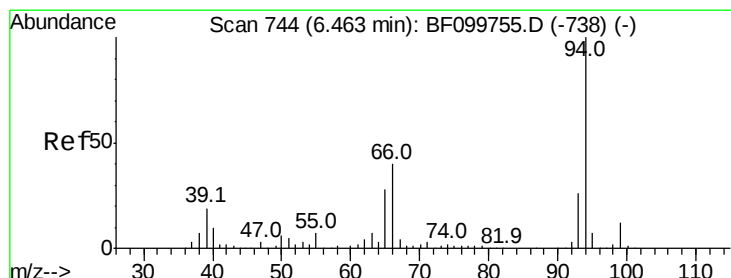
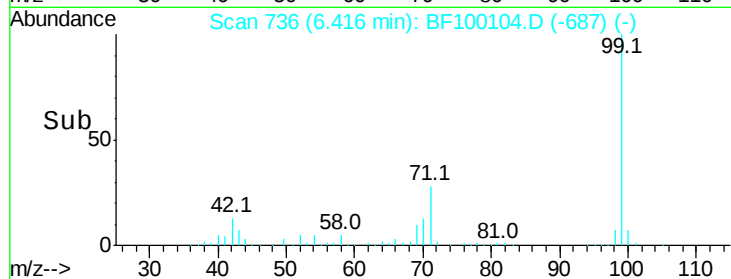
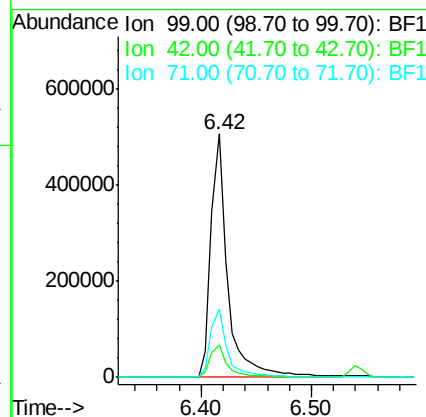
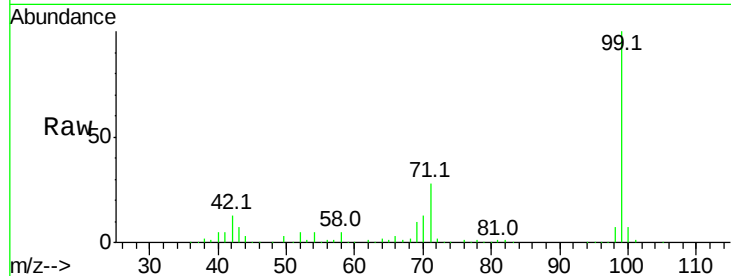
ClientSampleId :

S13-SP3-C

Tot Ion	Ratio	Resp	Lower	Upper
99	100	523320		
42	13.2		14.5	21.7#
71	28.1		25.4	38.0

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#10

Phenol

Concen: 3.730 ng

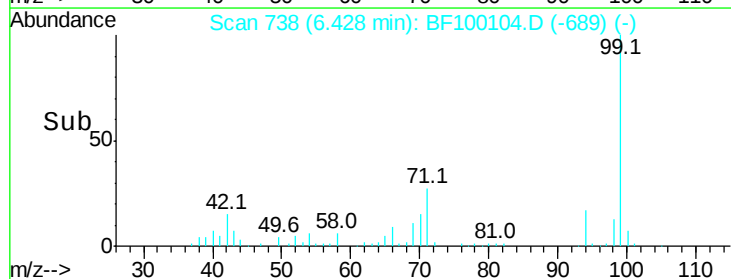
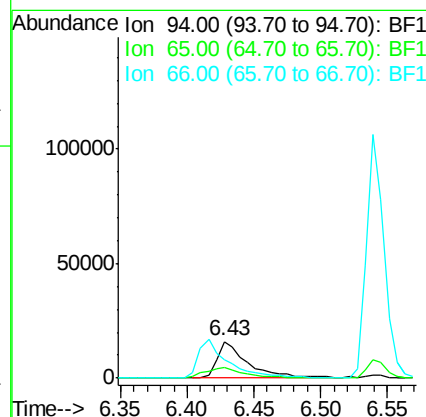
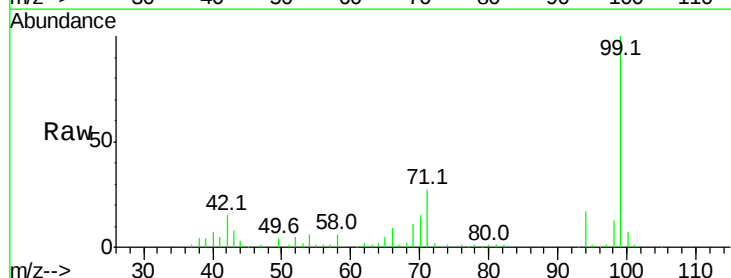
RT: 6.43 min Scan# 738

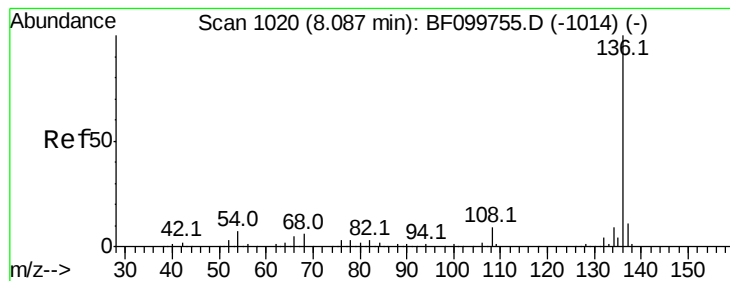
Delta R.T. -0.01 min

Lab File: BF100104.D

Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	25520		
65	29.2		7.9	47.9
66	49.7		16.2	56.2





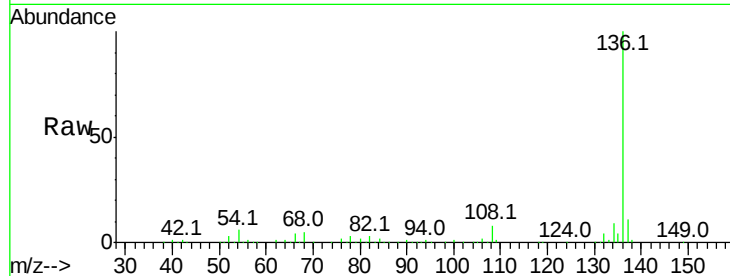
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

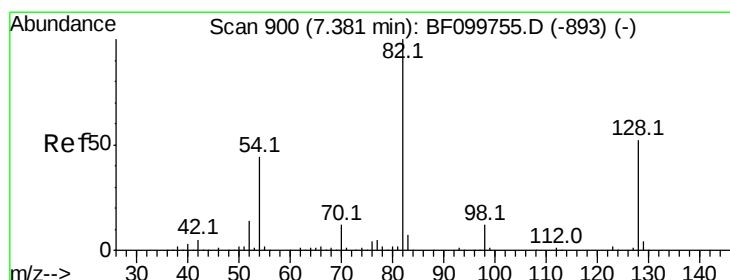
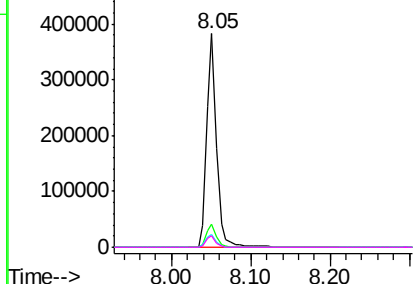
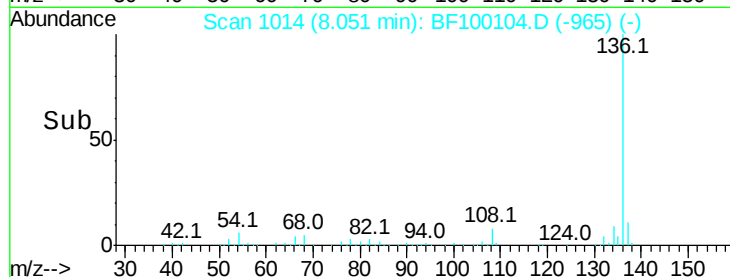
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6		8.9	13.3	
54	6.1		6.6	9.8	
68	5.5		5.0	7.4	

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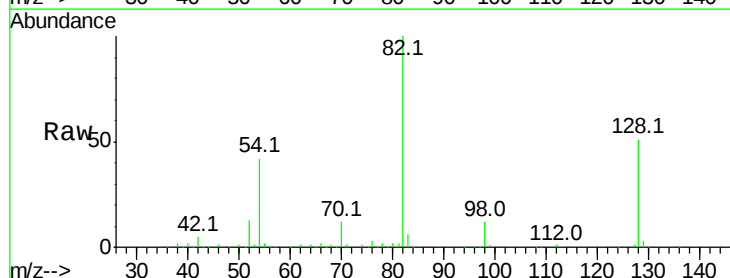


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

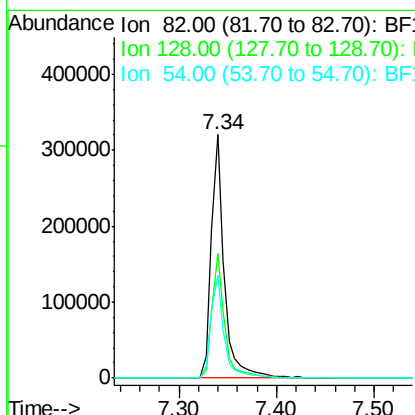
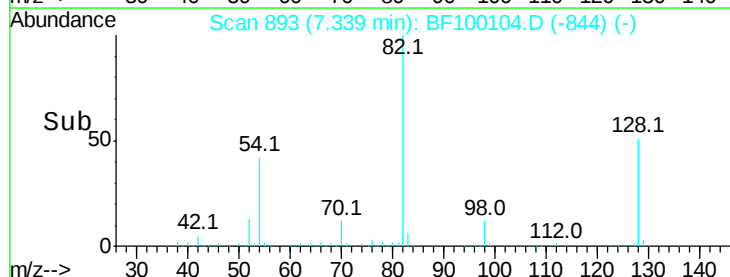


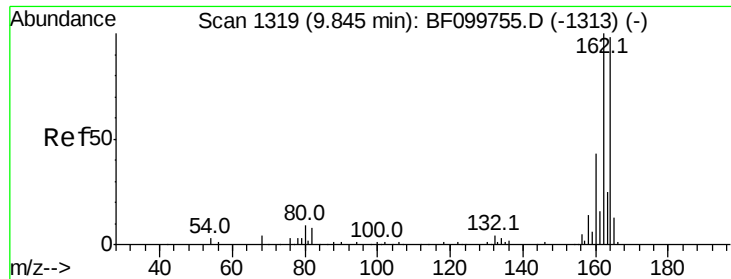
#23
Nitrobenzene-d5
Concen: 57.391 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	51.0		36.1	54.1	
54	42.4		41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





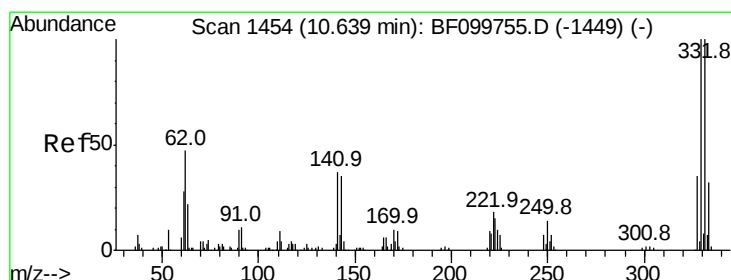
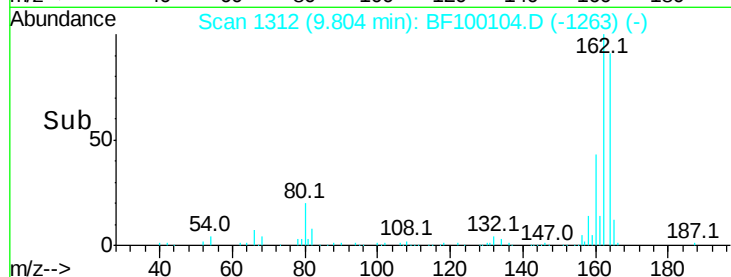
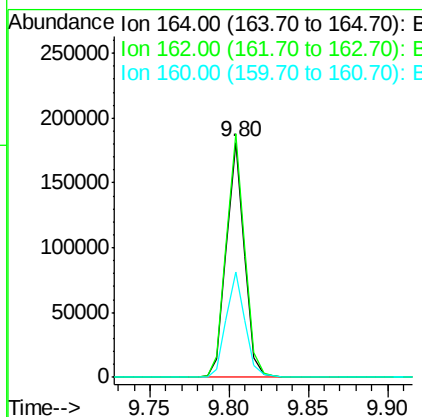
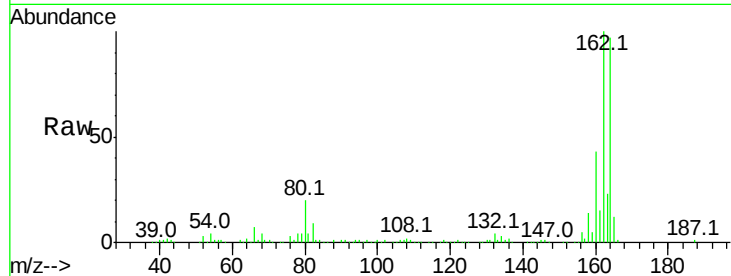
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100104.D
 Acq: 3 Nov 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :
 S13-SP3-C

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	86.1	129.1	
160	45.0	38.3	57.5	

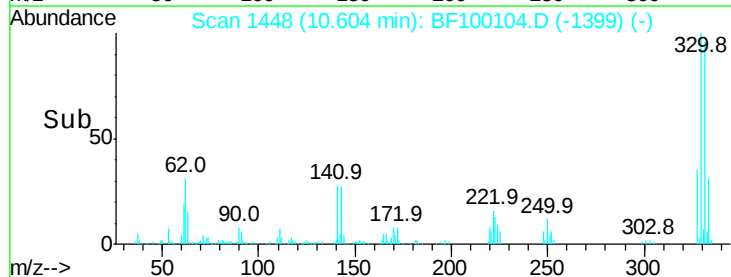
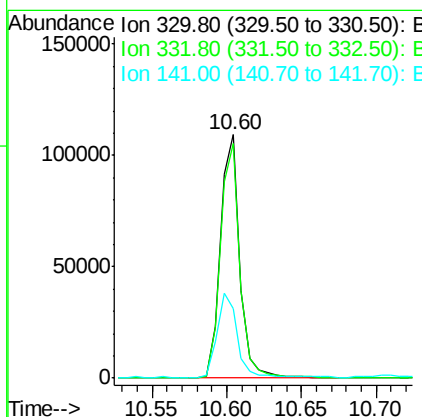
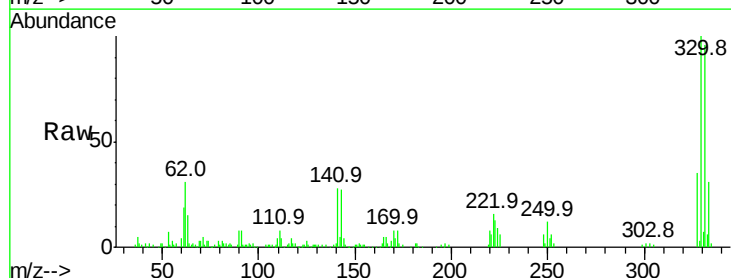
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#41
 2,4,6-Tribromophenol
 Concen: 76.659 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100104.D
 Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.0	115.6	
141	37.7	29.9	44.9	





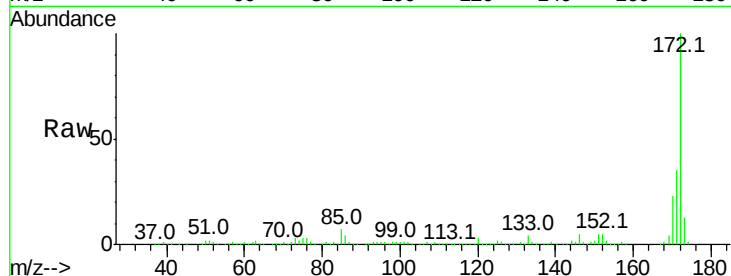
#44
2-Fluorobiphenyl
Concen: 47.059 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

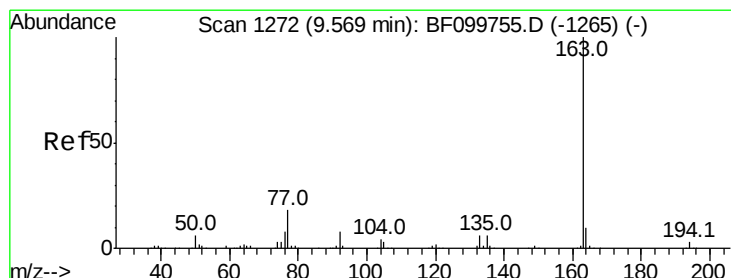
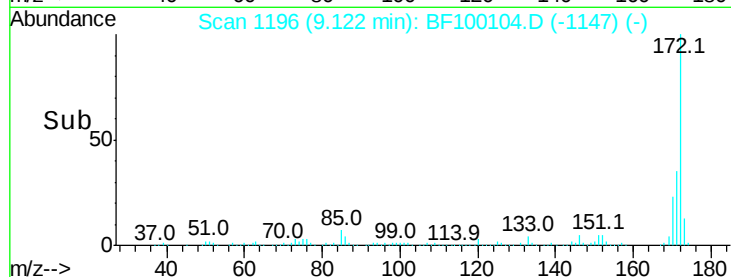
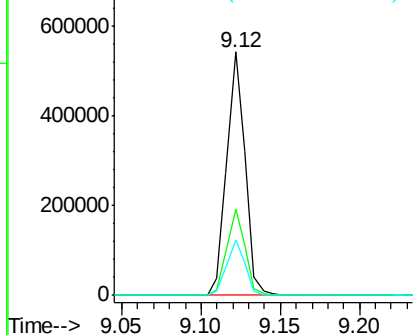
Tot Ion	Ratio	Resp	Lower	Upper
172	100	437304		
171	35.2		29.7	44.5
170	22.9		19.6	29.4

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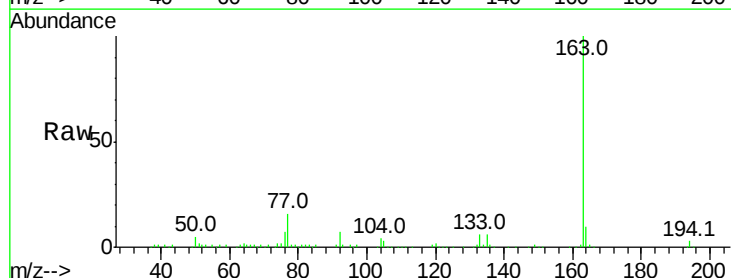


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

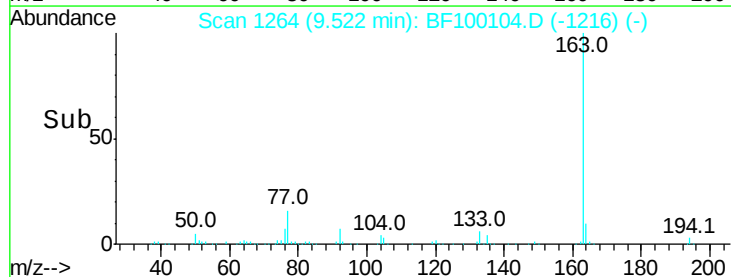
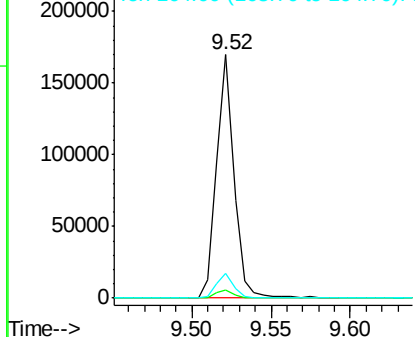


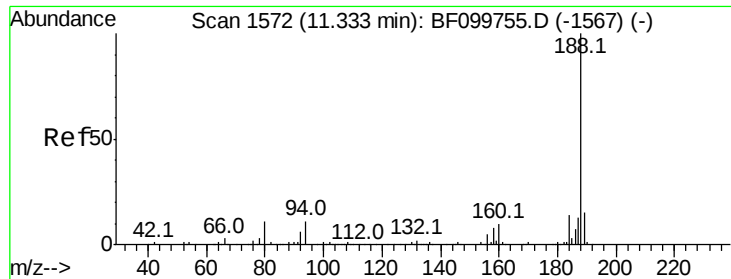
#49
Dimethylphthalate
Concen: 11.470 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	130233		
194	3.4		2.7	4.1
164	10.1		8.2	12.2



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





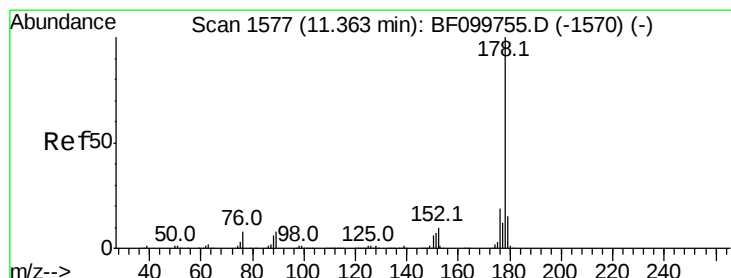
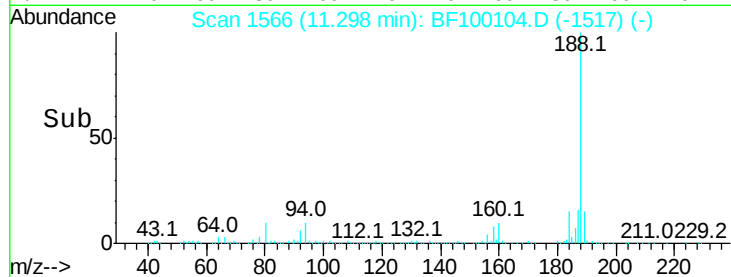
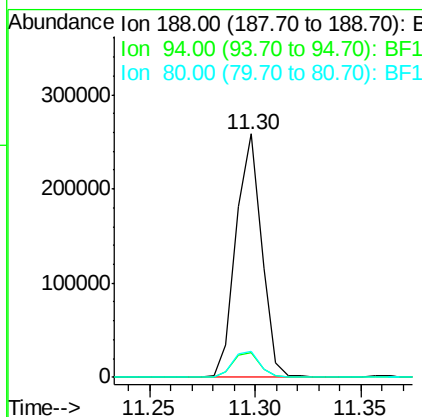
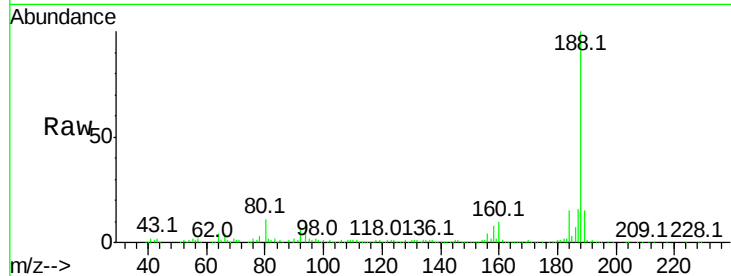
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	8.5	12.7
80	10.6	9.2	13.8

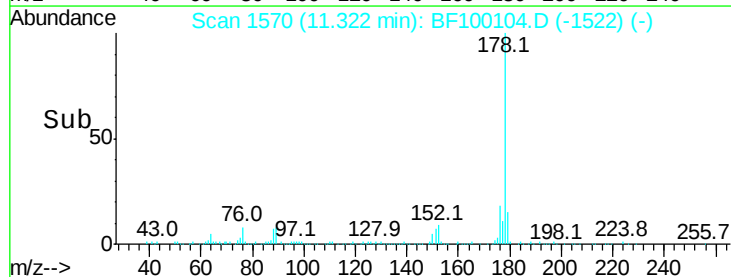
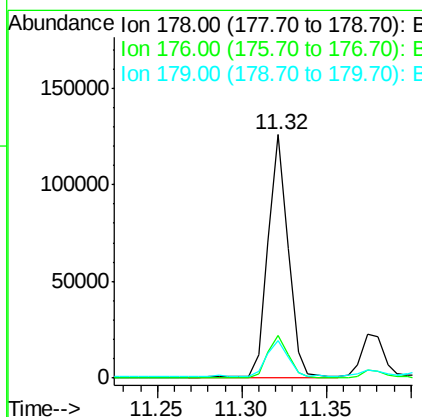
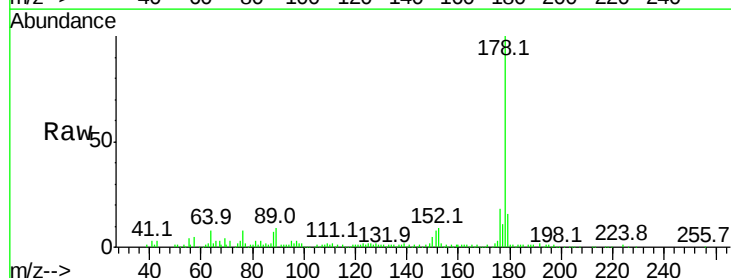
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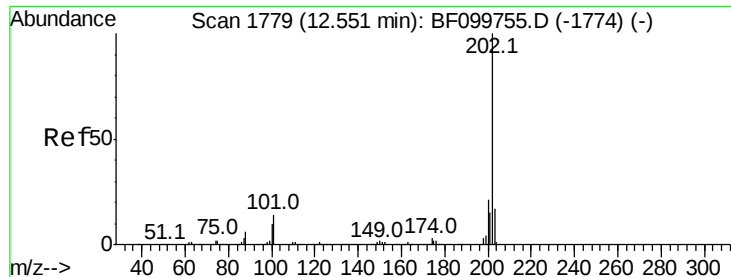
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#70
Phenanthrene
Concen: 8.521 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.6	15.8	23.8
179	15.6	13.0	19.6





#74

Fluoranthene

Concen: 10.519 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF100104.D

Acq: 3 Nov 2017 00:00

Instrument :

BNA_F

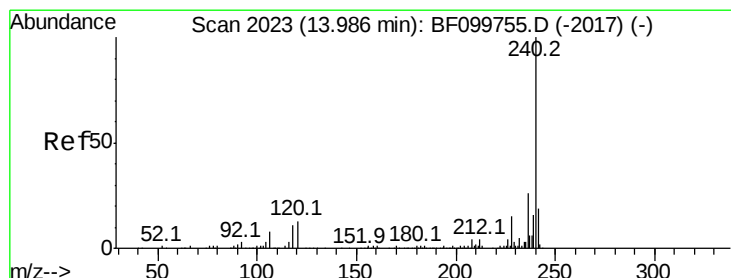
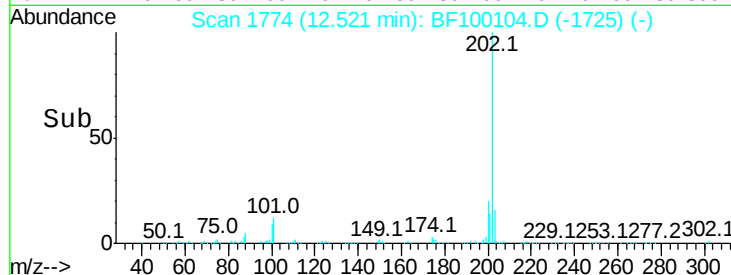
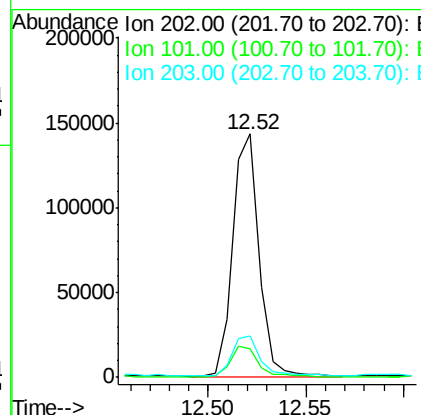
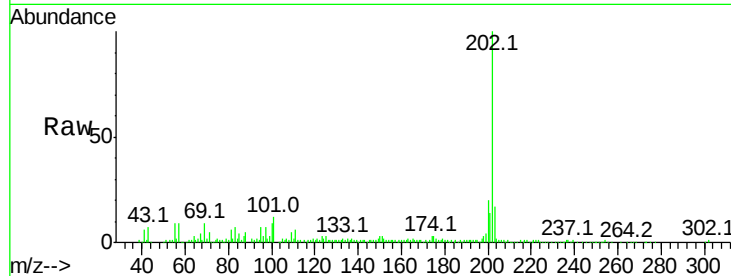
ClientSampleId :

S13-SP3-C

Tot Ion:	202	Resp:	133366
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

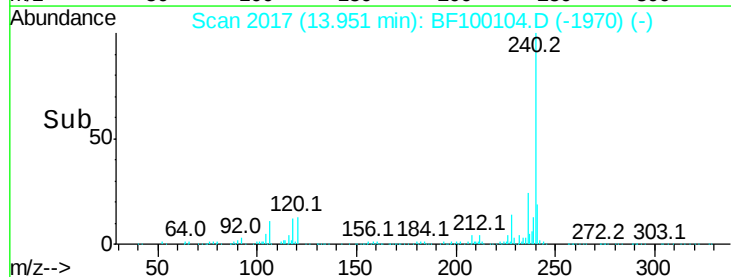
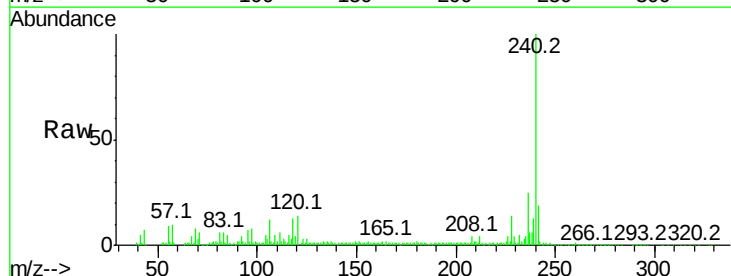
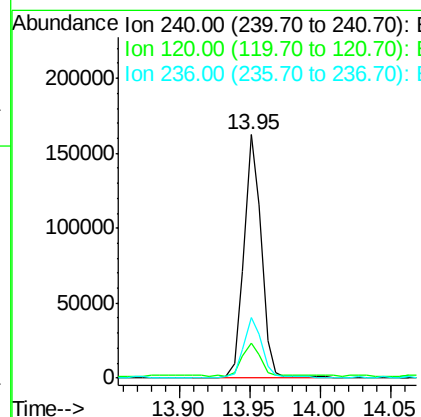
RT: 13.95 min Scan# 2017

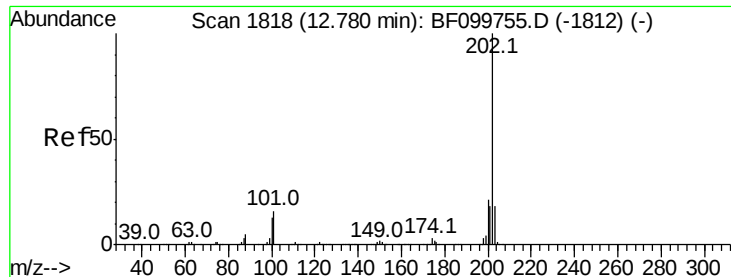
Delta R.T. -0.02 min

Lab File: BF100104.D

Acq: 3 Nov 2017 00:00

Tgt Ion:	240	Resp:	137811
Ion Ratio	Lower	Upper	
240	100		
120	14.4	9.5	14.3#
236	24.8	20.7	31.1





#77

Pvrene

Concen: 11.459 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF100104.D

Acq: 3 Nov 2017 00:00

Instrument :

BNA_F

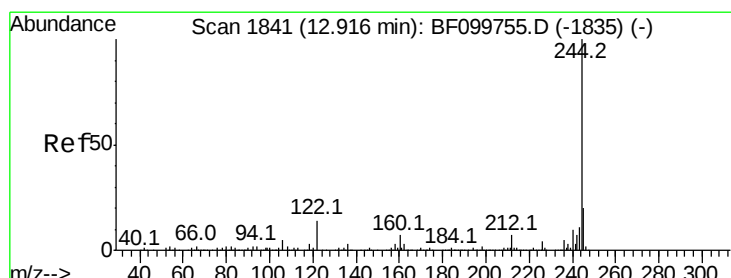
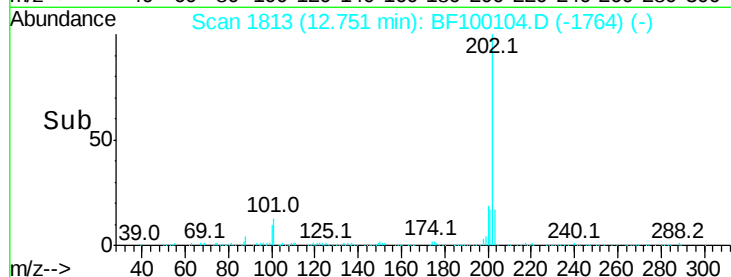
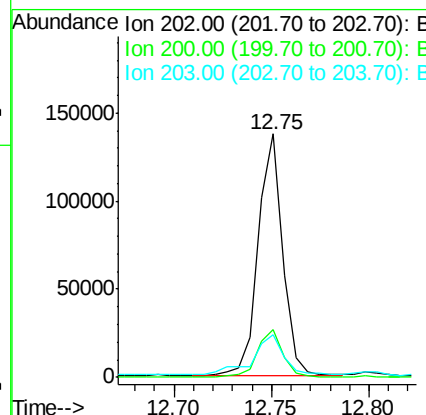
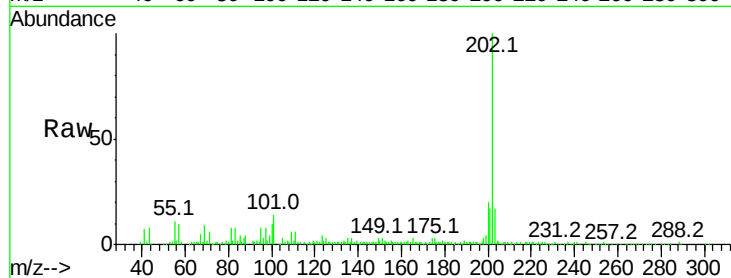
ClientSampleId :

S13-SP3-C

Tot Ion:	202	Resp:	120077
Ion Ratio		Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 41.463 ng

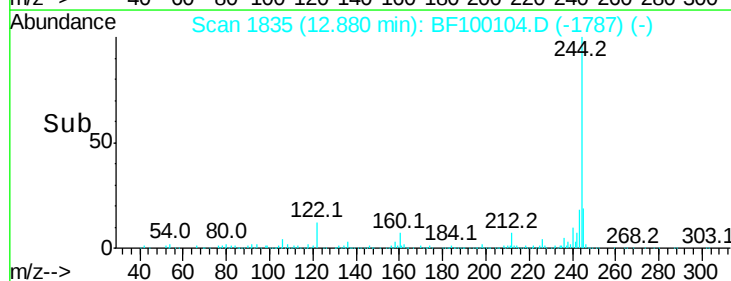
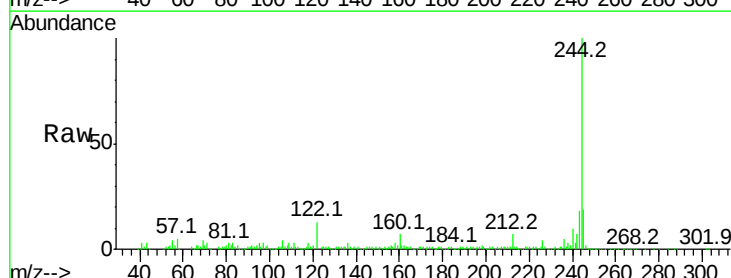
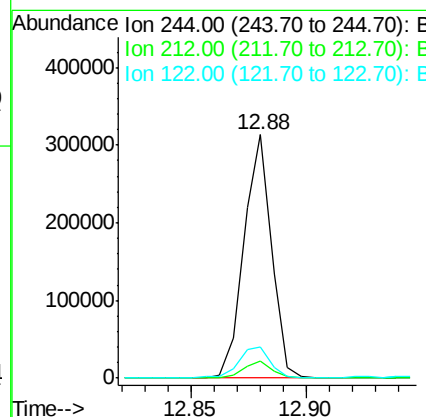
RT: 12.88 min Scan# 1835

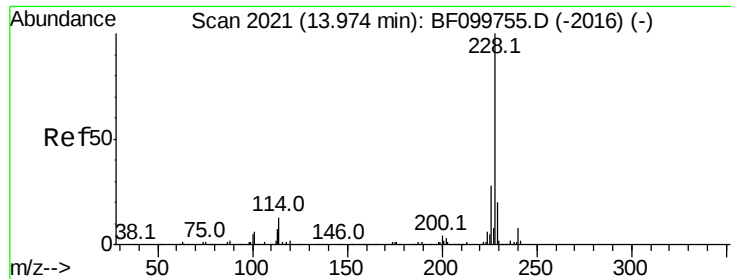
Delta R.T. -0.02 min

Lab File: BF100104.D

Acq: 3 Nov 2017 00:00

Tgt Ion:	244	Resp:	261466
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4





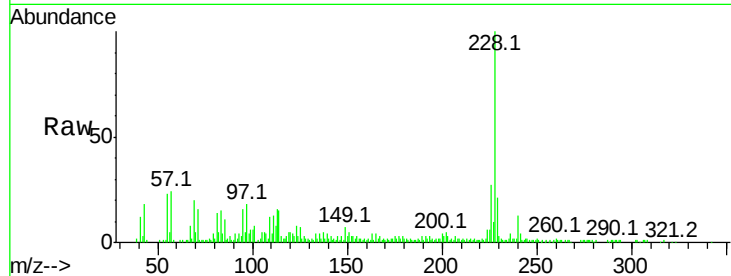
#80
Benzo(a)anthracene
Concen: 7.988 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.1	15.8	23.6

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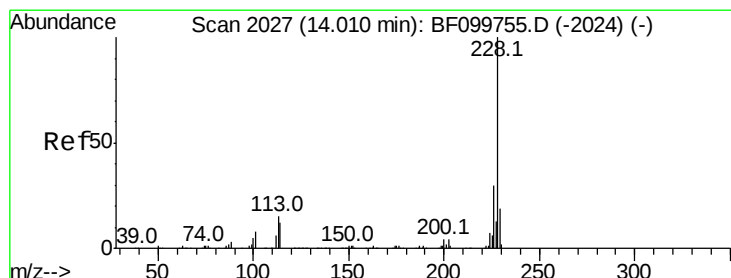
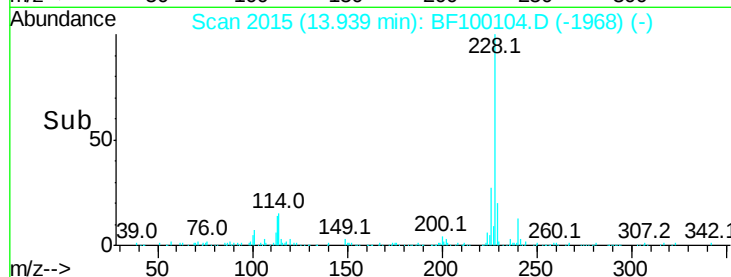
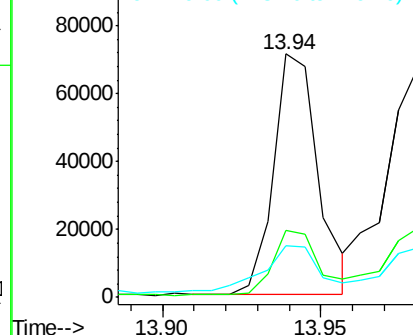


Abundance

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



#82
Chrysene
Concen: 8.522 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

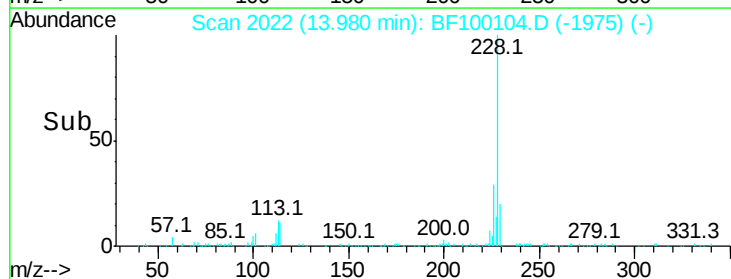
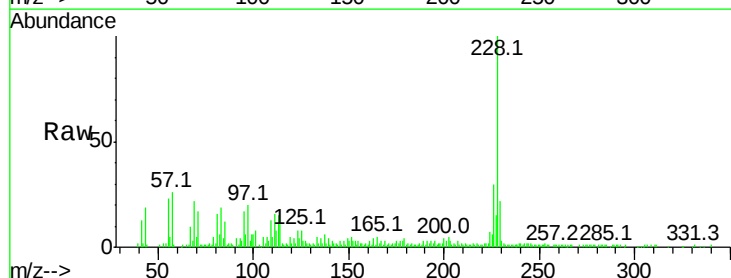
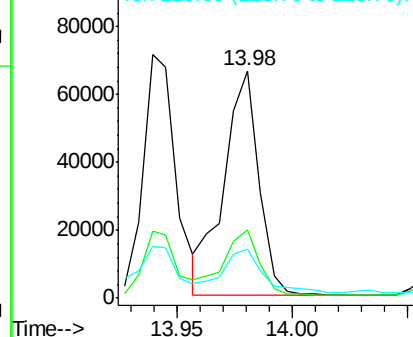
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.6	16.2	24.4

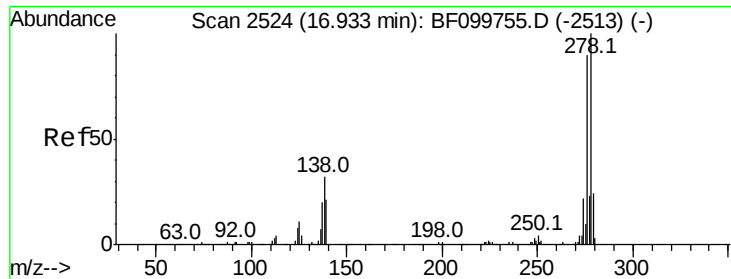
Abundance

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





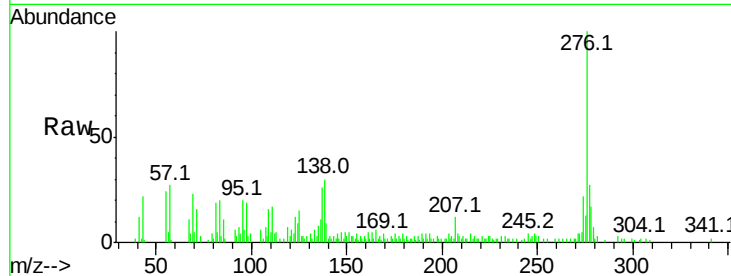
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.953 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.06 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	23.1	20.1	30.1

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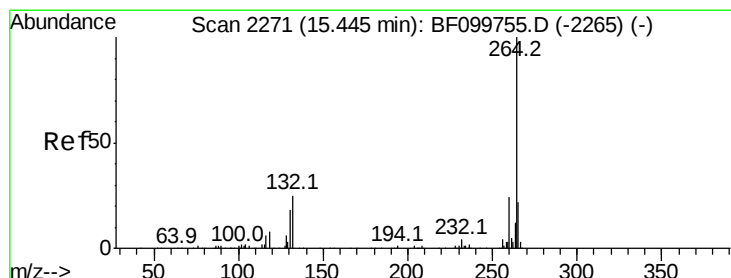
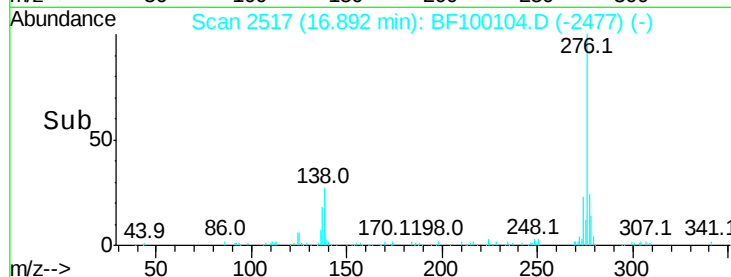
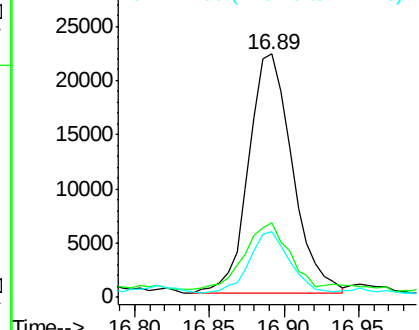


Abundance

Ion 276.00 (275.70 to 276.70): E

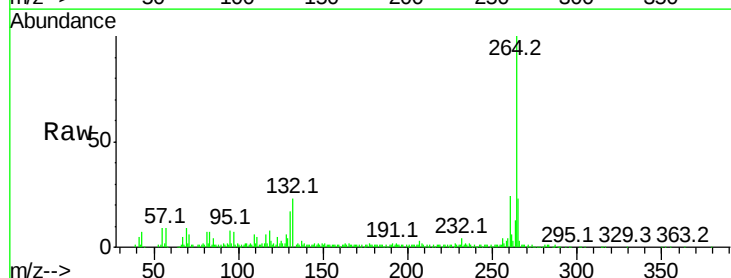
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.3	17.5	26.3

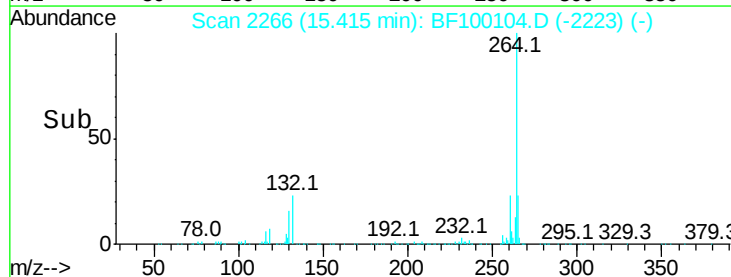
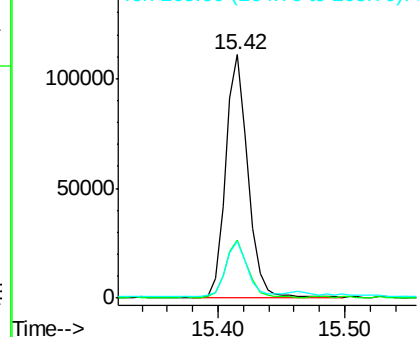


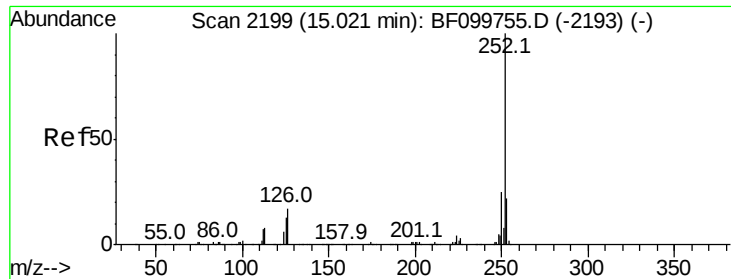
Abundance

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





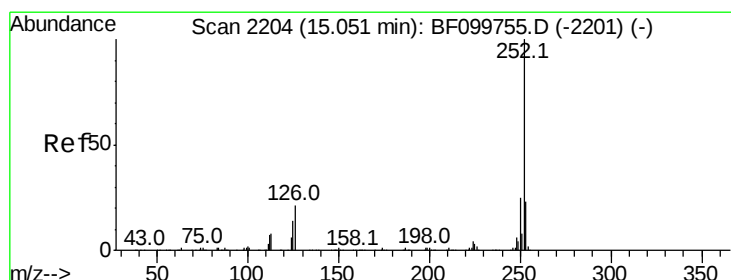
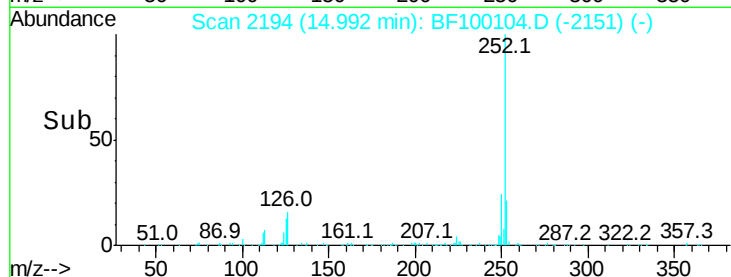
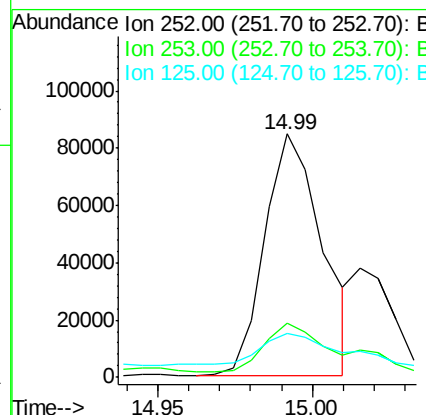
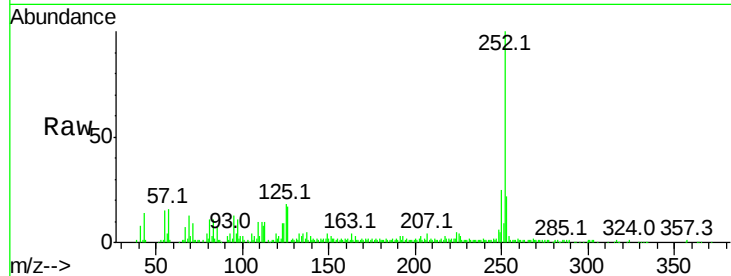
#87
Benzo(b)fluoranthene
Concen: 12.737 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	18.0	9.0	13.6

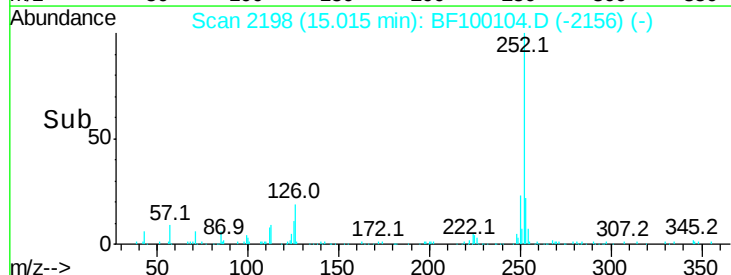
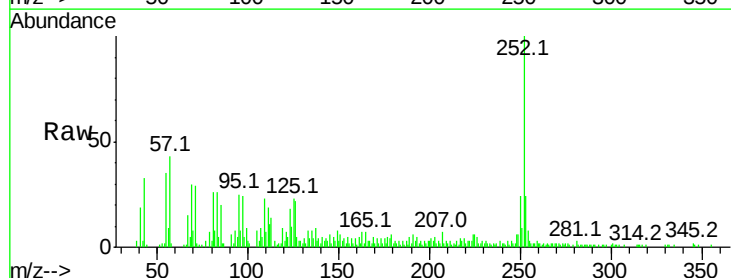
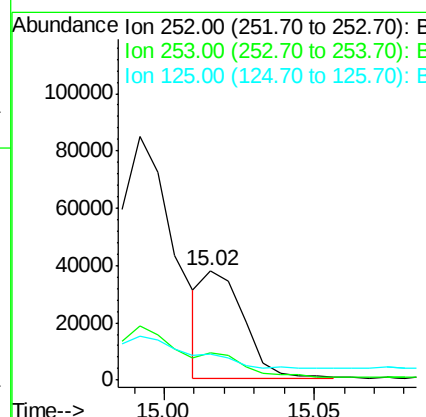
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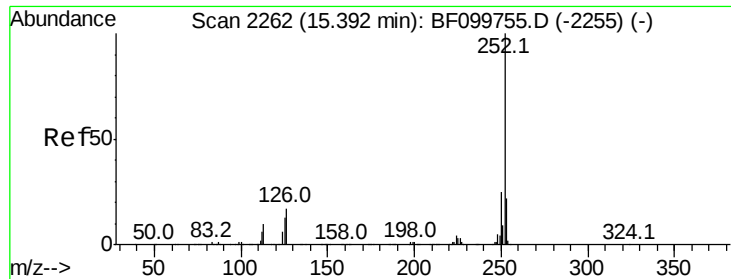
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#88
Benzo(k)fluoranthene
Concen: 4.342 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	23.2	10.2	15.2





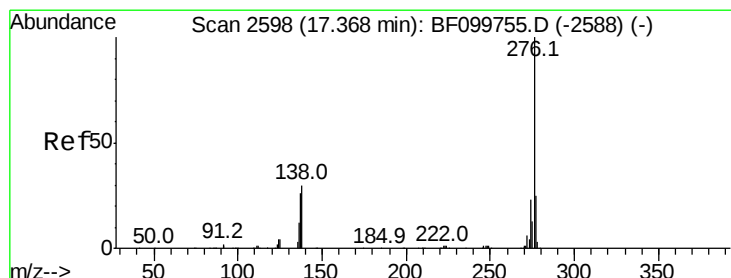
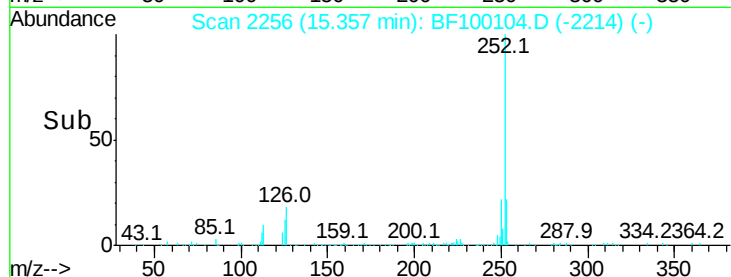
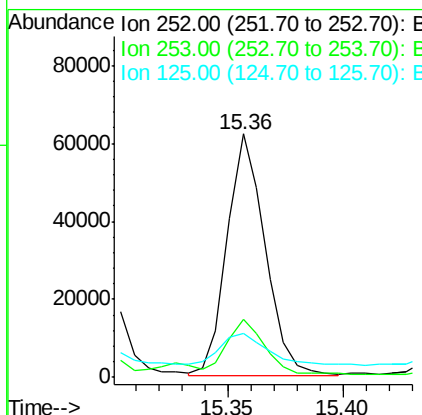
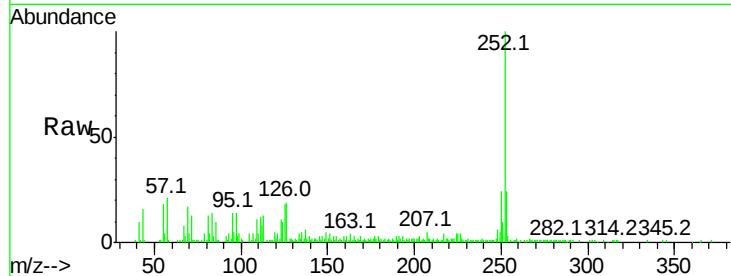
#89
Benzo(a)pyrene
Concen: 9.183 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Instrument :
BNA_F
ClientSampleId :
S13-SP3-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	18.0	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.548 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.06 min
Lab File: BF100104.D
Acq: 3 Nov 2017 00:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	28.2	21.8	32.8

