

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099526.D
 Acq On : 15 Oct 2017 21:08
 Operator : SJ/JU
 Sample : I5821-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-6A-2-BGS

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:45:44 PM

Quant Time: Oct 16 03:06:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100027	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	377142	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	140066	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	208442	20.00	ng	0.00
75) Chrysene-d12	14.02	240	203398	20.00	ng	0.00
86) Perylene-d12	15.49	264	189514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	697607	111.02	ng	0.00
7) Phenol-d6	6.49	99	807886	104.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	468763	79.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	116879	101.98	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	818150	97.51	ng	-0.01
78) Terphenyl-d14	12.95	244	596606	66.71	ng	0.00
Target Compounds						
10) Phenol	6.50	94	49317	5.689	ng	95
49) Dimethylphthalate	9.59	163	126781	11.993	ng	99
70) Phenanthrene	11.39	178	109451	9.810	ng	98
71) Anthracene	11.45	178	27084	2.372	ng	98
74) Fluoranthene	12.59	202	226702	20.066	ng	96
77) Pyrene	12.82	202	217417	14.018	ng	98
80) Benzo(a)anthracene	14.00	228	127904	10.385	ng	98
82) Chrysene	14.04	228	107472	9.166	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	50750	5.411	ng	96
87) Benzo(b)fluoranthene	15.06	252	150042m	12.877	ng	
88) Benzo(k)fluoranthene	15.08	252	44198m	3.840	ng	
89) Benzo(a)pyrene	15.43	252	99687	9.320	ng	97
91) Benzo(a,h,i)perylene	17.42	276	49561	5.857	ng	93

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

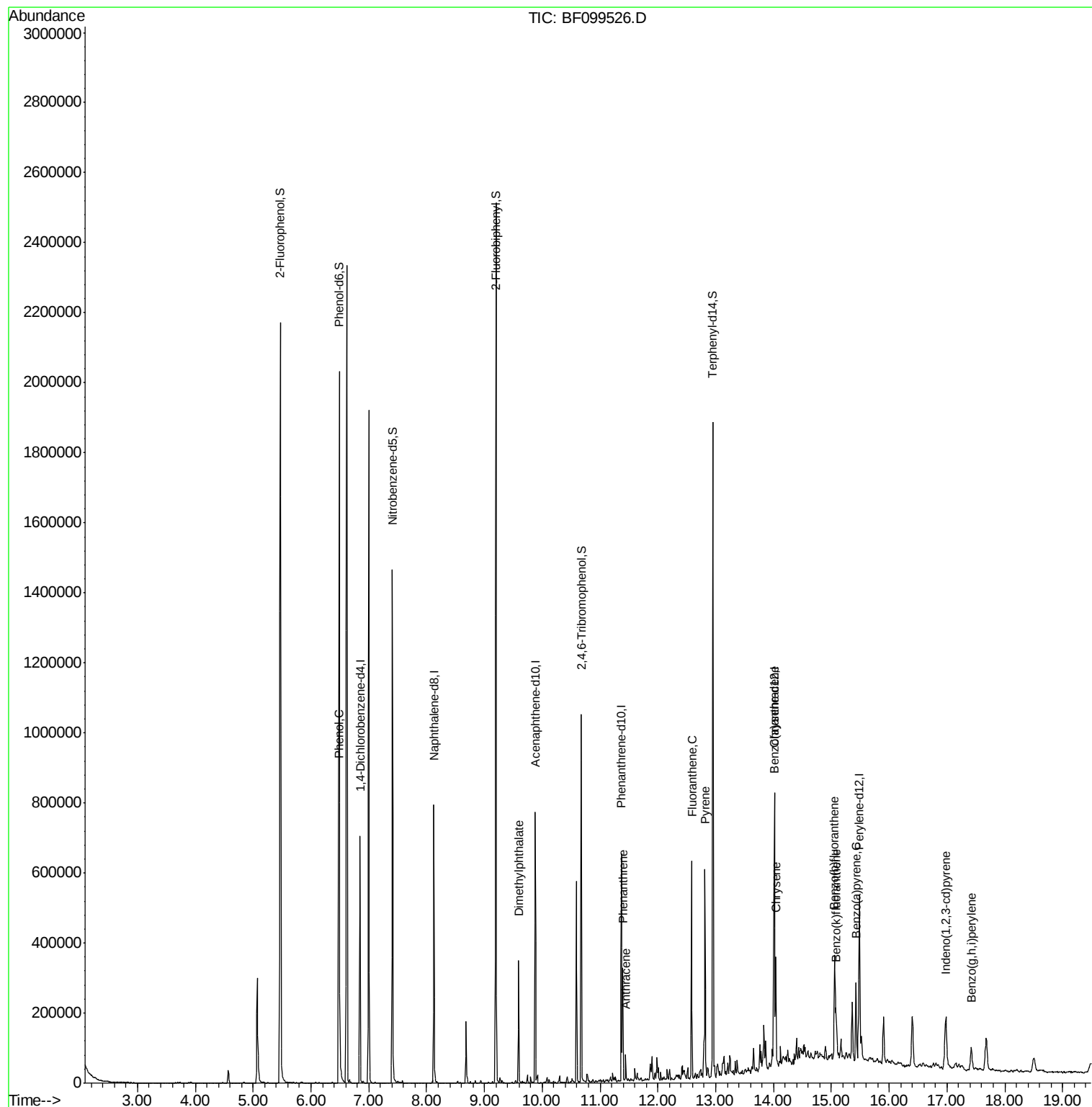
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Data File : BF099526.D
Acq On : 15 Oct 2017 21:08
Operator : SJ/JU
Sample : I5821-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

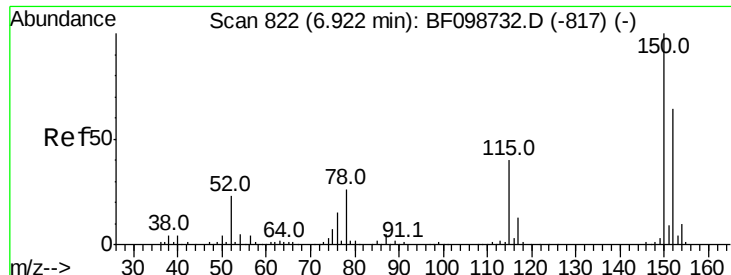
Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Manual Integrations
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Quant Time: Oct 16 03:06:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

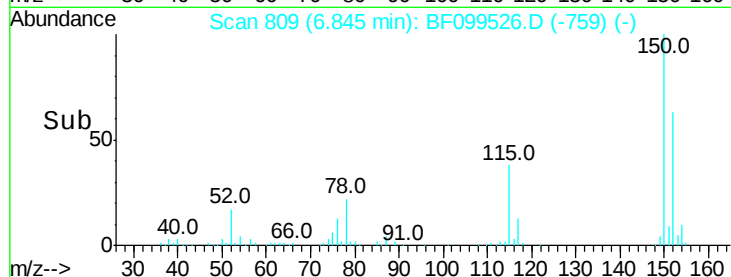
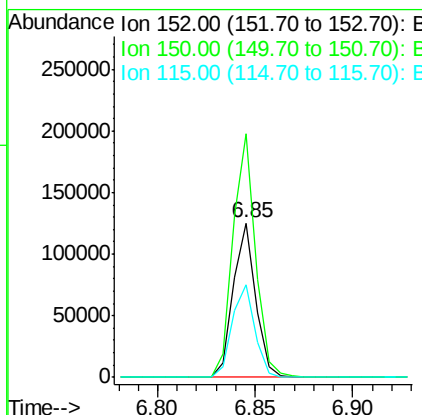
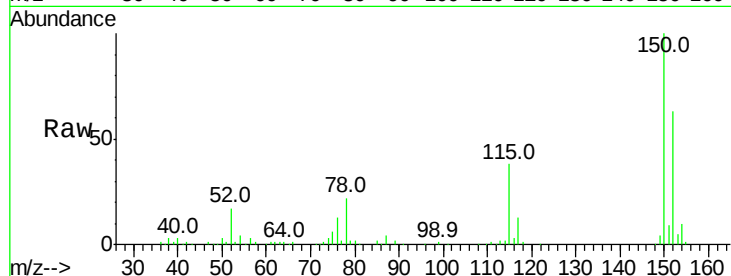
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.9	50.1	75.1

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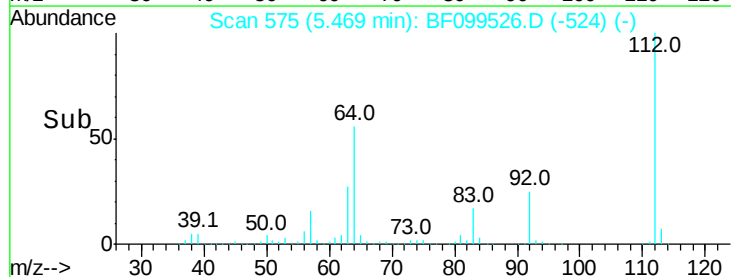
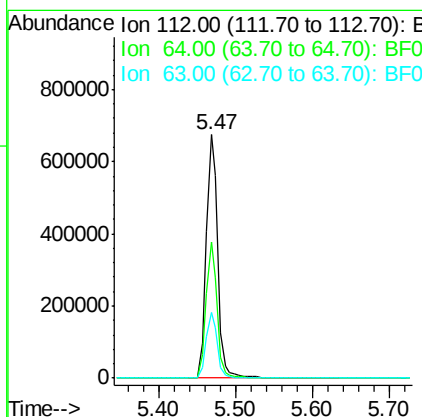
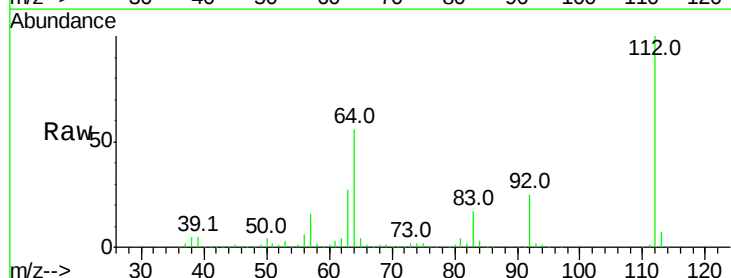
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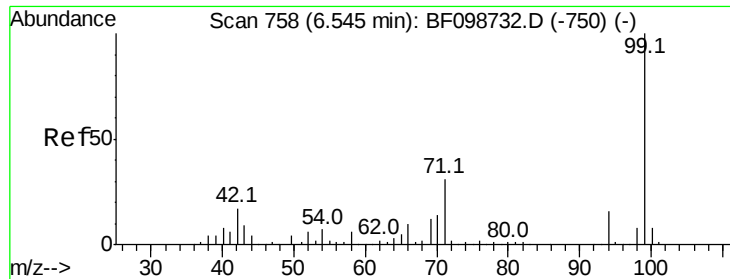


#5

2-Fluorophenol
Concen: 111.022 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 104.225 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099526.D

Acq: 15 Oct 2017 21:08

Instrument :

BNA_F

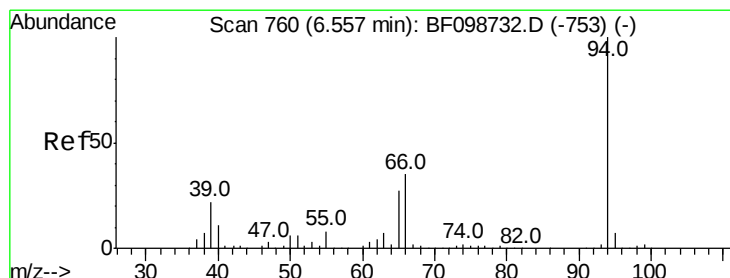
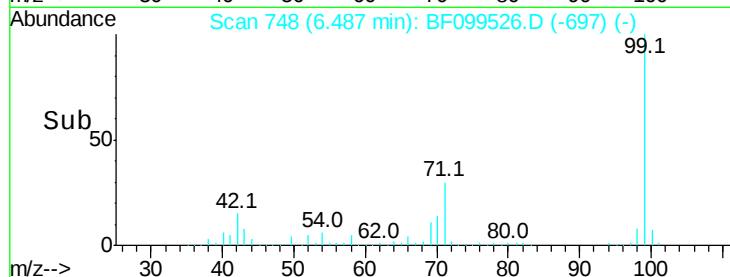
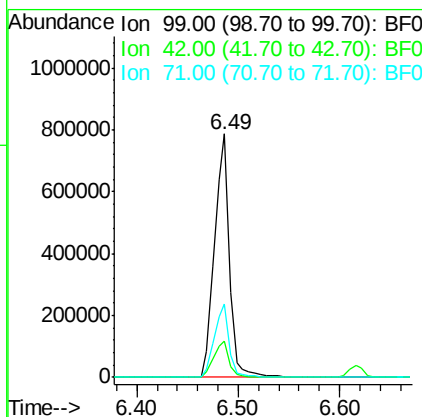
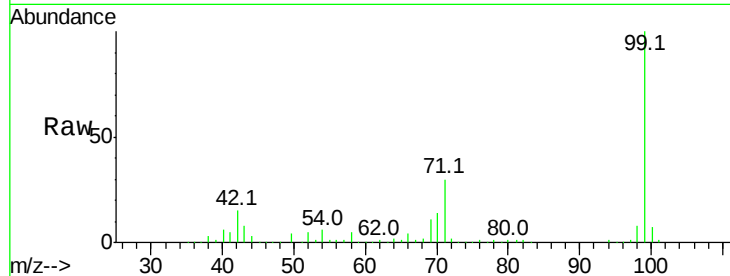
ClientSampleId :

WPSB-6A-2-BGS

Tot Ion:	99	Resp:	807886
Ion Ratio	Lower	Upper	
99	100		
42	14.9	14.5	21.7
71	30.2	25.4	38.0

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#10

Phenol

Concen: 5.689 ng

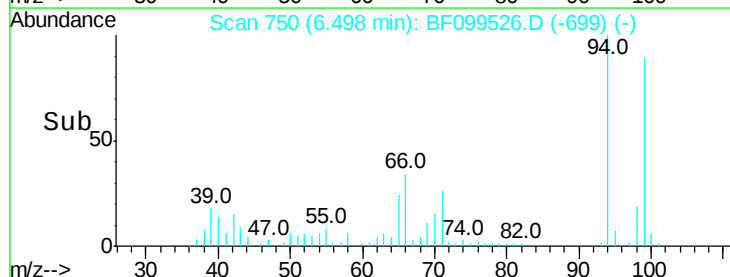
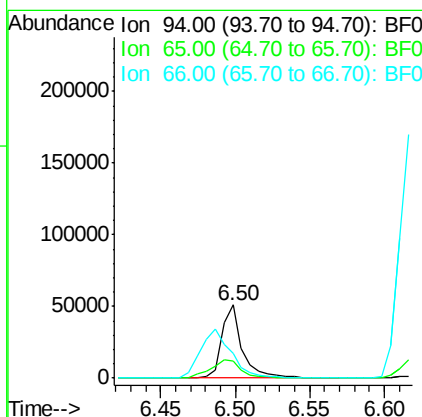
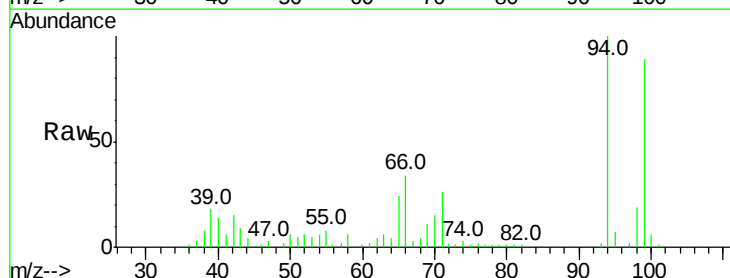
RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099526.D

Acq: 15 Oct 2017 21:08

Tgt Ion:	94	Resp:	49317
Ion Ratio	Lower	Upper	
94	100		
65	23.9	7.9	47.9
66	34.2	16.2	56.2





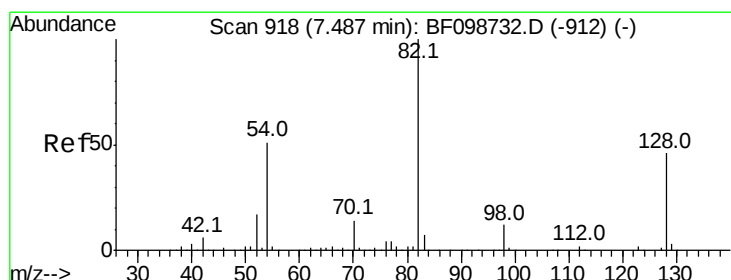
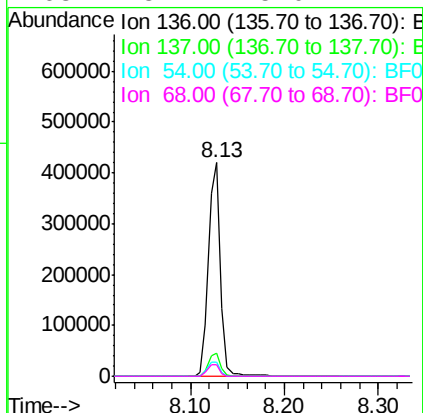
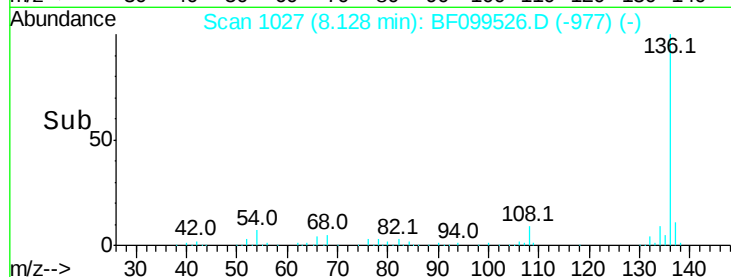
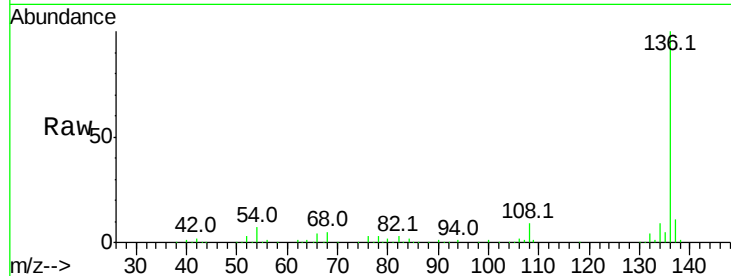
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion:	136	Resp:	377142
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.4	5.0	7.4

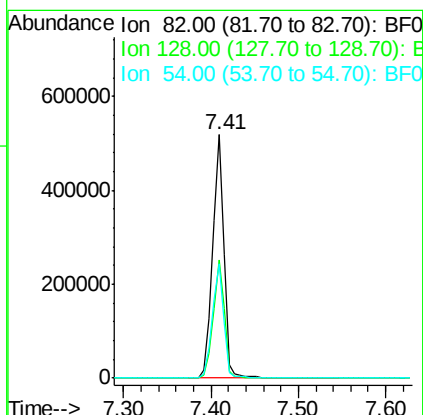
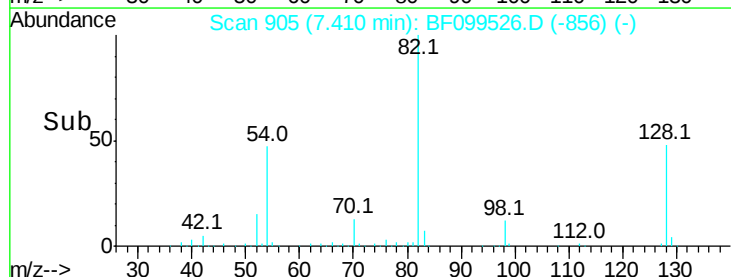
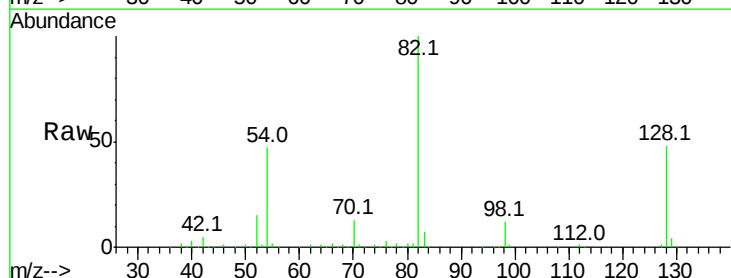
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#23
Nitrobenzene-d5
Concen: 79.710 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion:	82	Resp:	468763
Ion Ratio	Lower	Upper	
82	100		
128	48.3	36.1	54.1
54	46.7	41.4	62.2





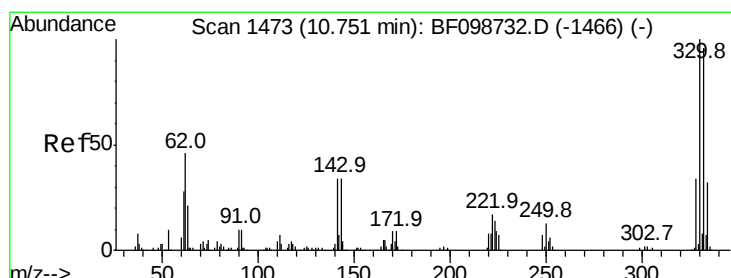
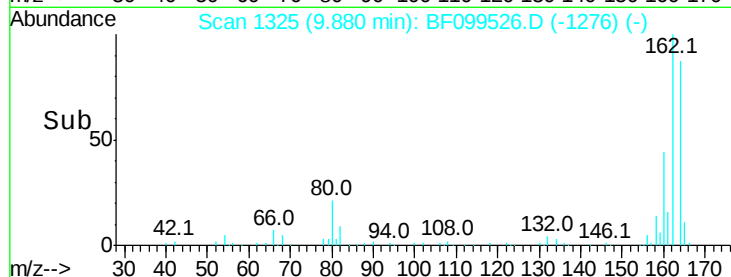
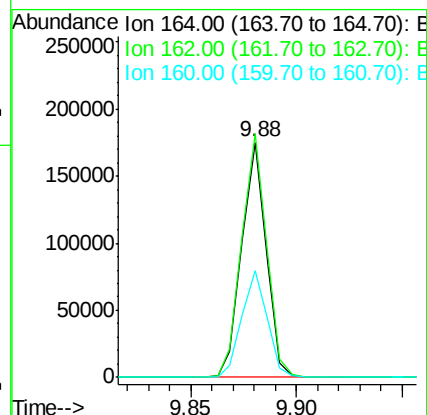
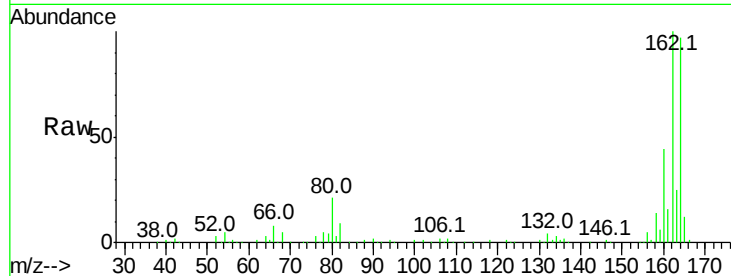
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	86.1	129.1	
160	45.6	38.3	57.5	

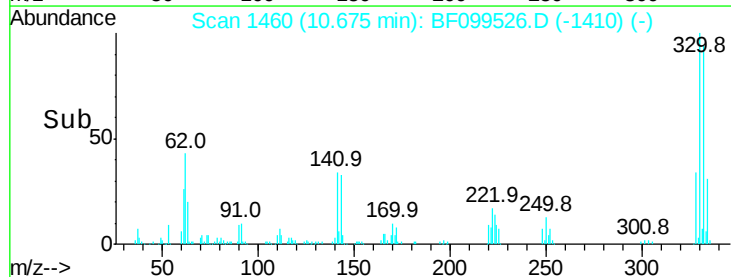
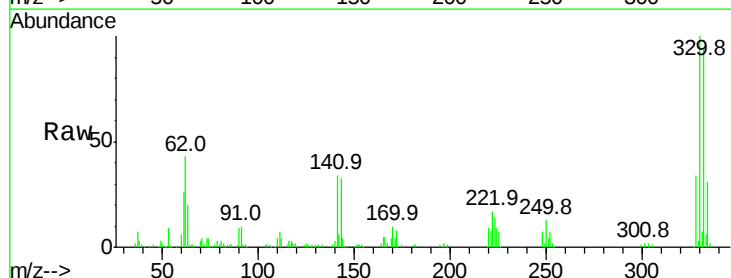
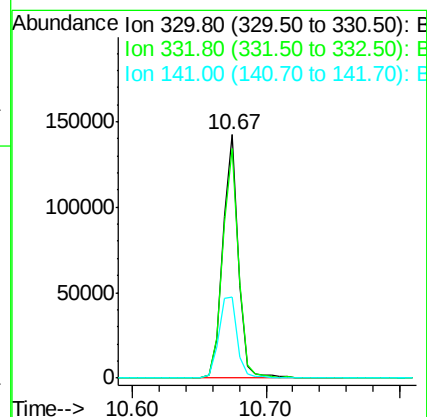
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#41
2,4,6-Tribromophenol
Concen: 101.978 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	39.9	29.9	44.9	





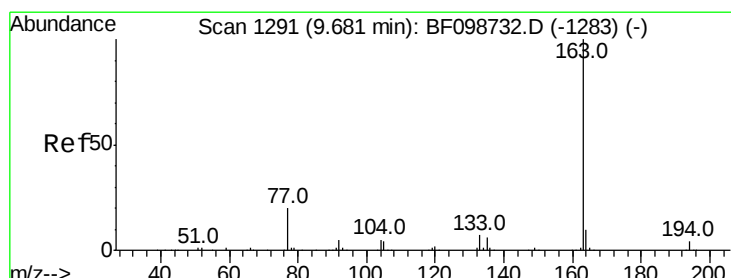
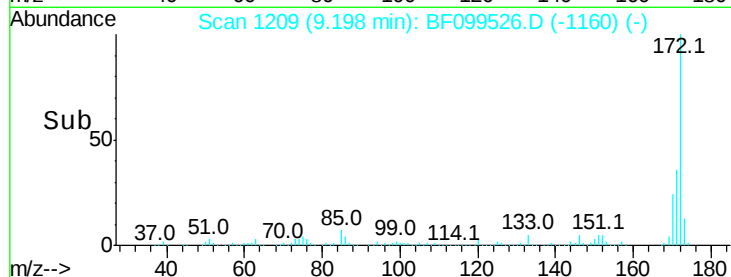
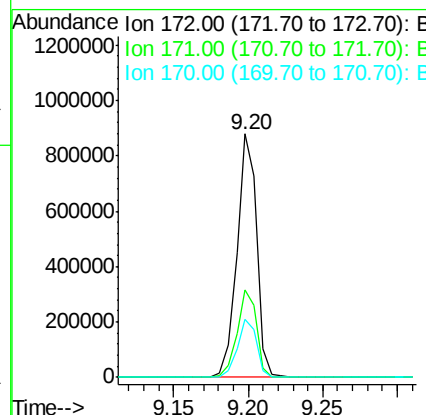
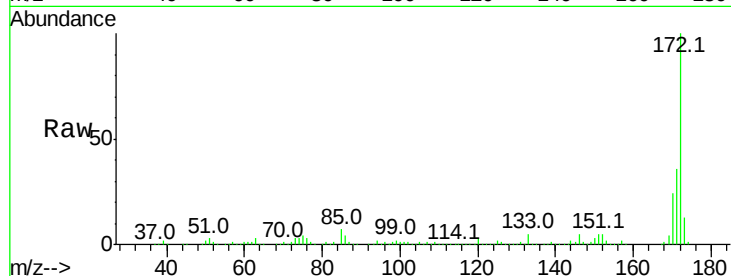
#44
2-Fluorobiphenyl
Concen: 97.514 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	

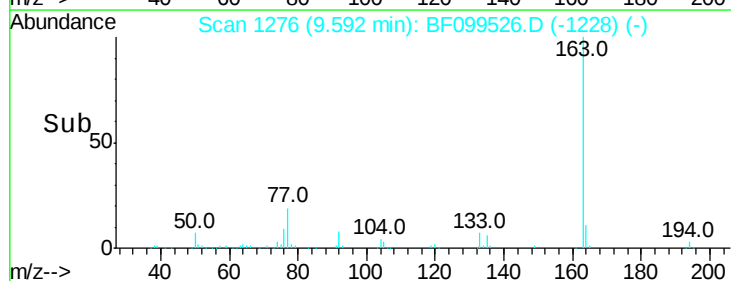
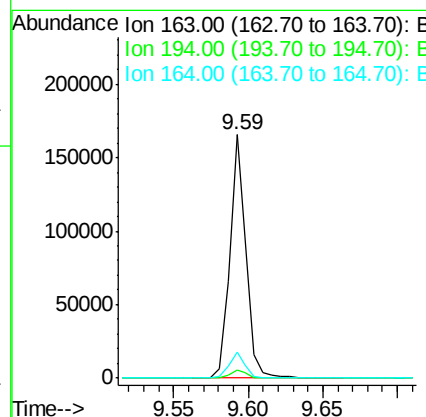
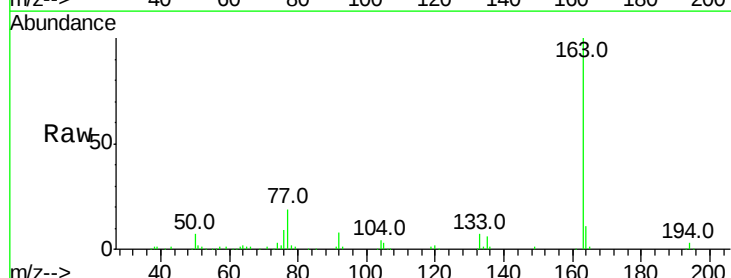
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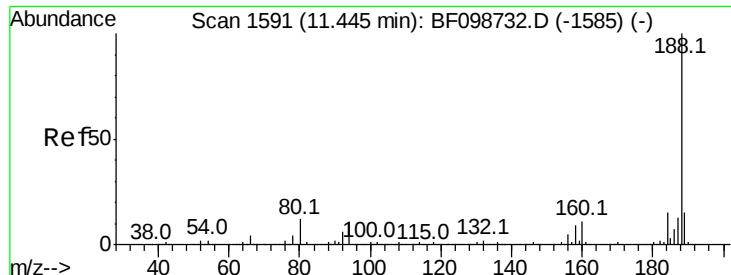
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#49
Dimethylphthalate
Concen: 11.993 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	10.5	8.2	12.2	





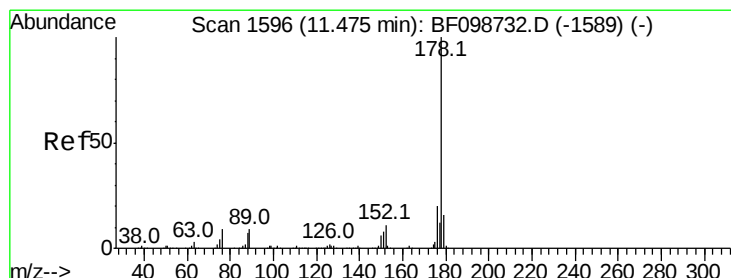
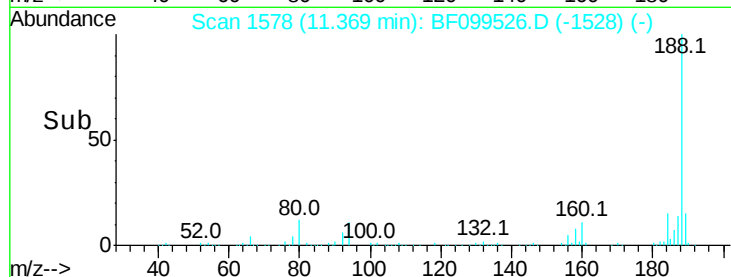
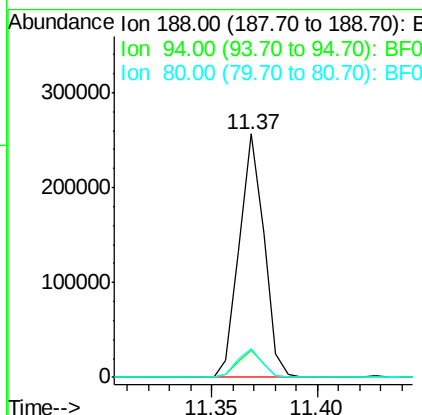
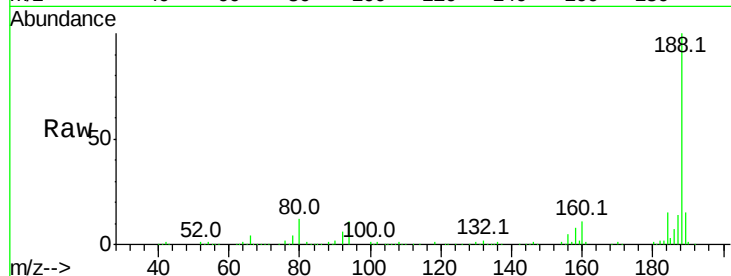
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.8	9.2	13.8

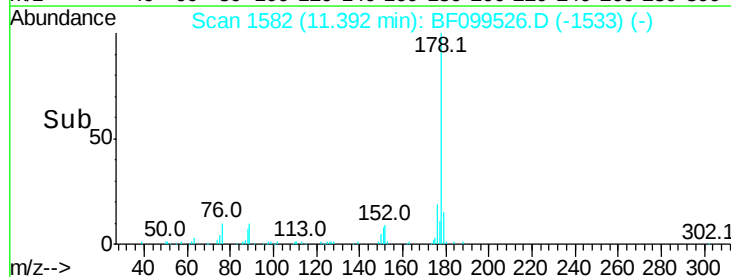
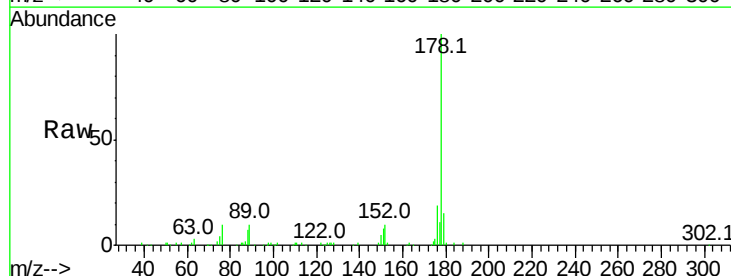
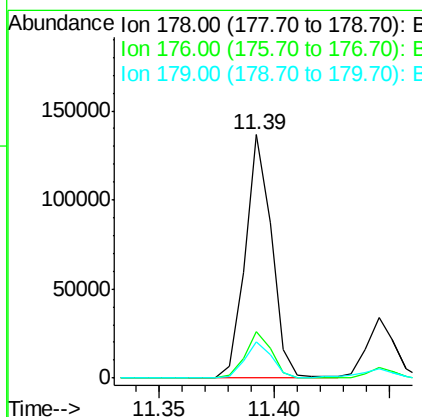
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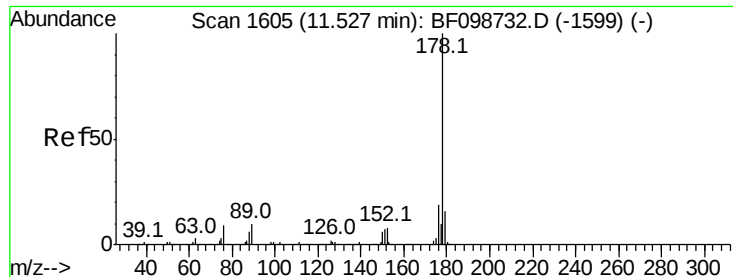
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#70
Phenanthrene
Concen: 9.810 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.8	13.0	19.6





#71

Anthracene

Concen: 2.372 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF099526.D

Acq: 15 Oct 2017 21:08

Instrument :

BNA_F

ClientSampleId :

WPSB-6A-2-BGS

Tot Ion:178 Resp: 27084

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

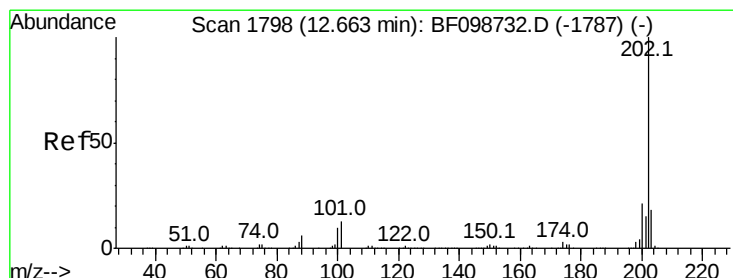
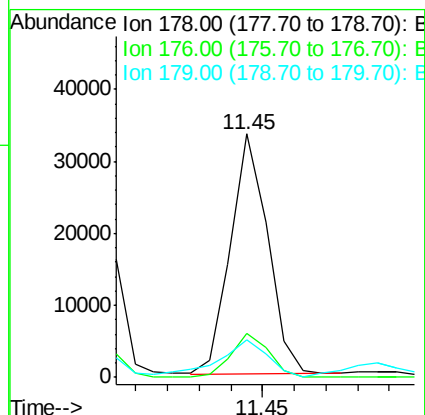
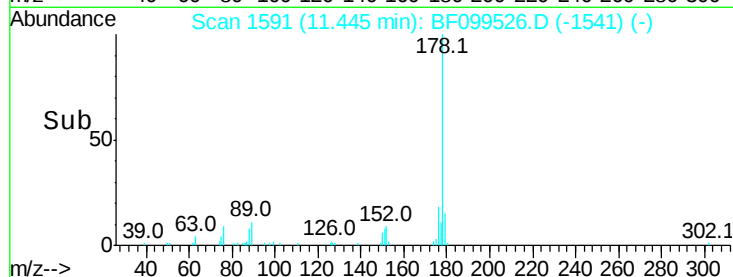
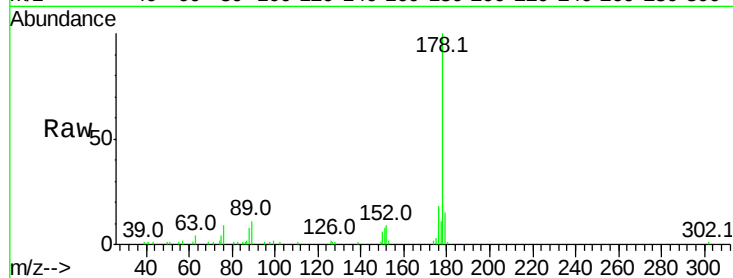
179 15.2 12.6 19.0

Manual Integrations

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#74

Fluoranthene

Concen: 20.066 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF099526.D

Acq: 15 Oct 2017 21:08

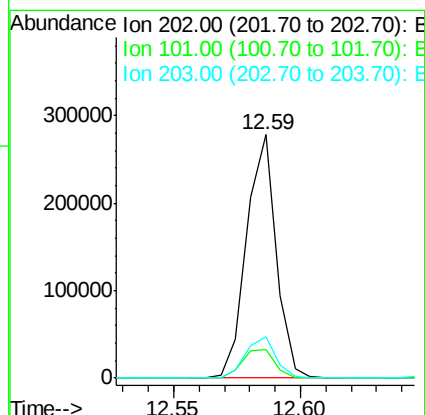
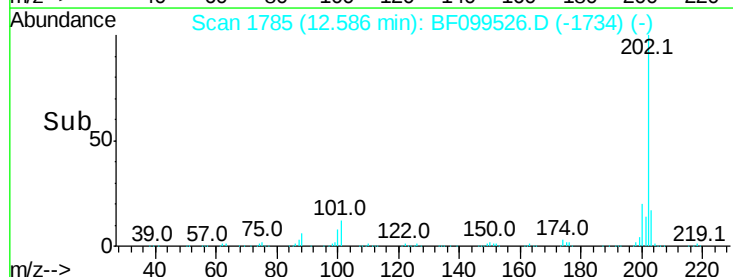
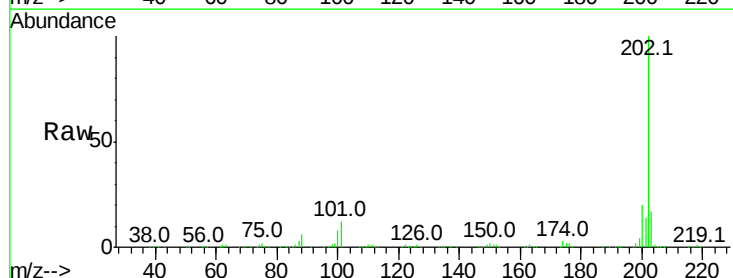
Tgt Ion:202 Resp: 226702

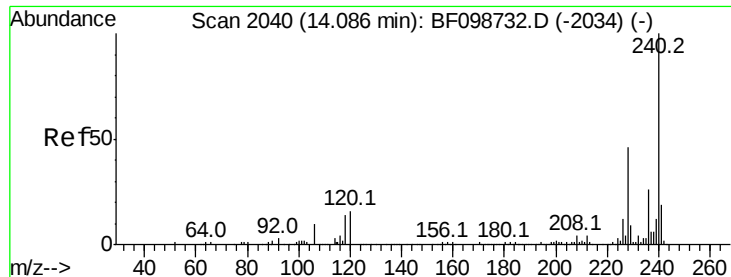
Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099526.D

Acq: 15 Oct 2017 21:08

Instrument :

BNA_F

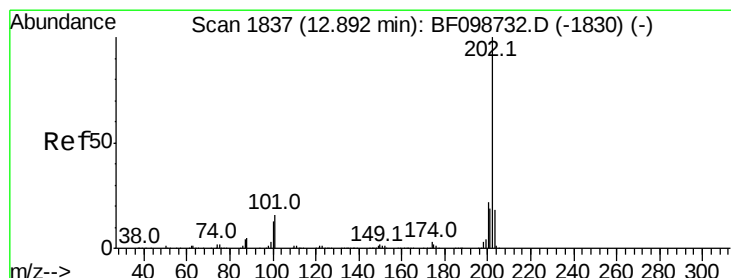
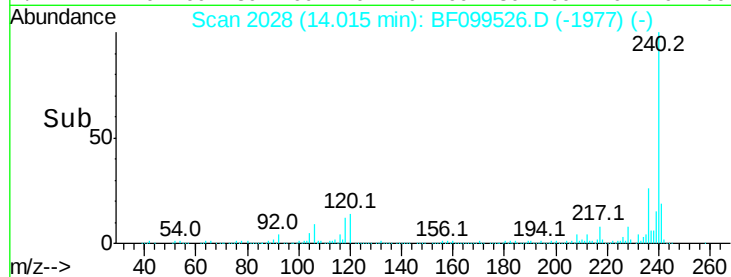
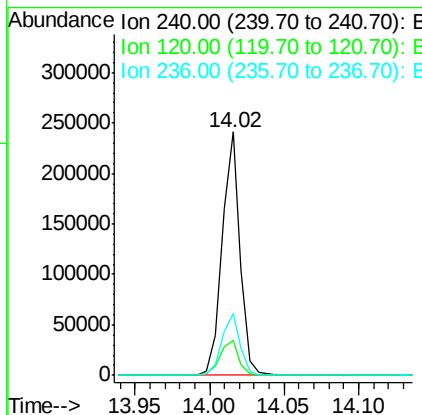
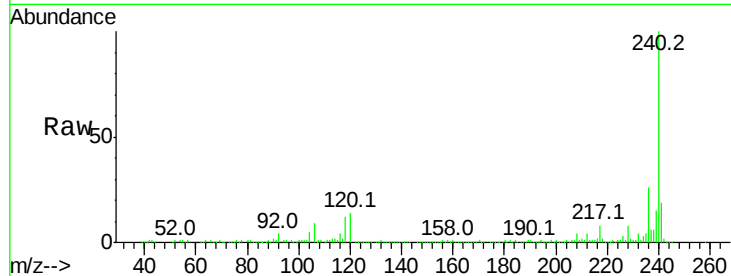
ClientSampleId :

WPSB-6A-2-BGS

Tot Ion:	240	Resp:	203398
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	25.6	20.7	31.1

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#77

Pyrene

Concen: 14.018 ng

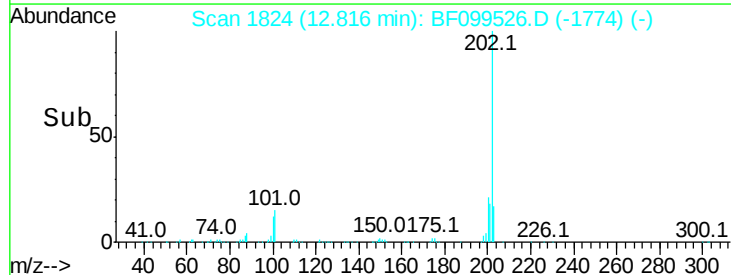
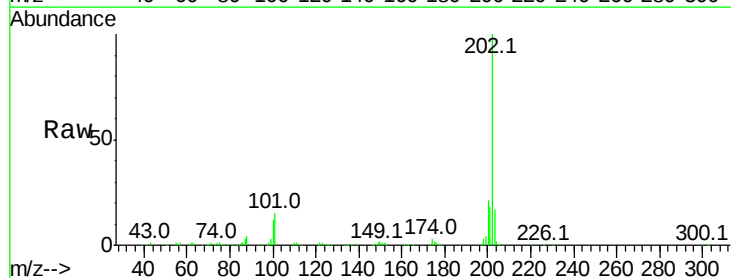
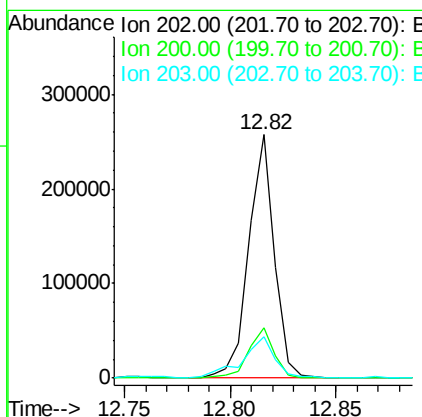
RT: 12.82 min Scan# 1824

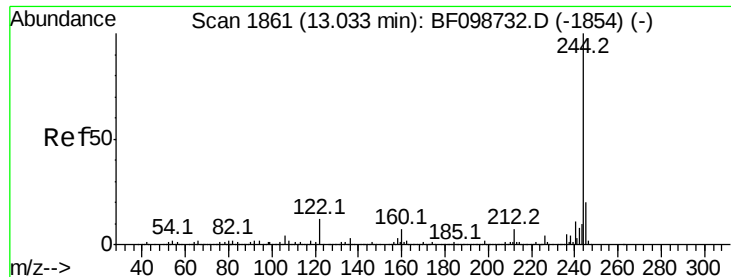
Delta R.T. -0.01 min

Lab File: BF099526.D

Acq: 15 Oct 2017 21:08

Tgt Ion:	202	Resp:	217417
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.1	14.3	21.5





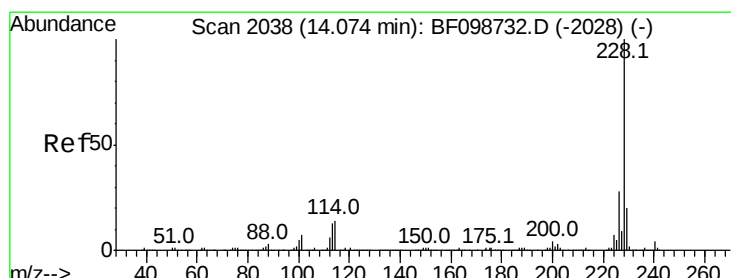
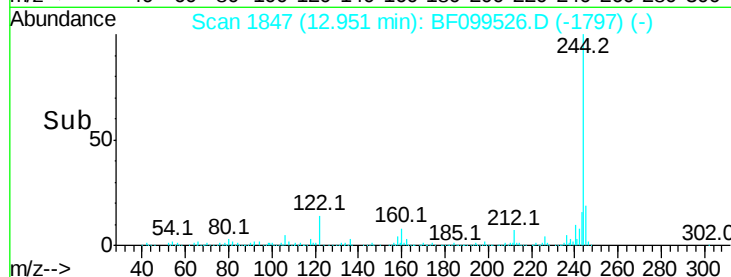
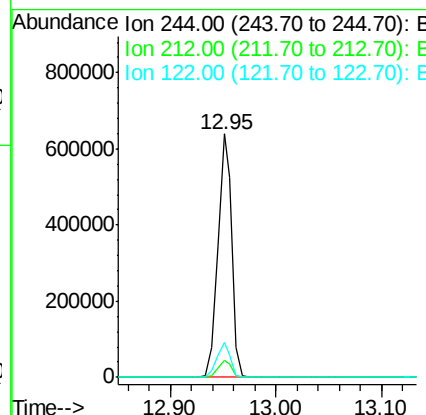
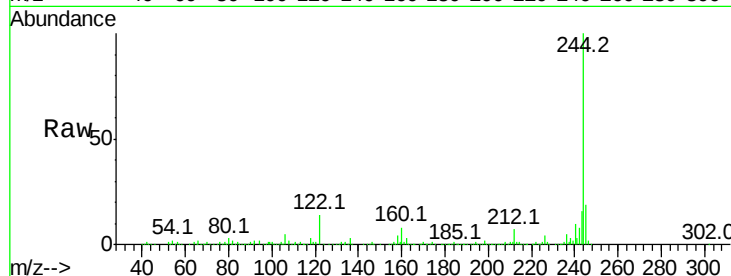
#78
 Terphenyl-d14
 Concen: 66.707 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099526.D
 Acq: 15 Oct 2017 21:08

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-6A-2-BGS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.4	11.0	16.4

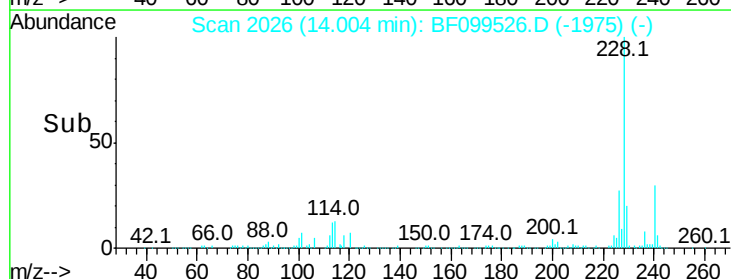
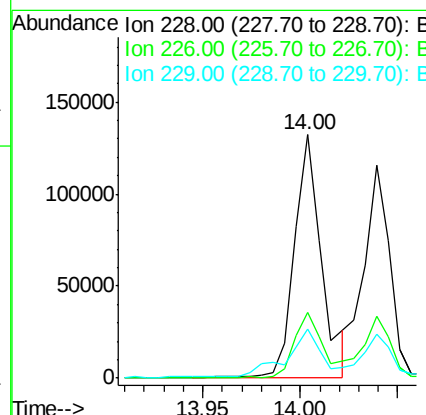
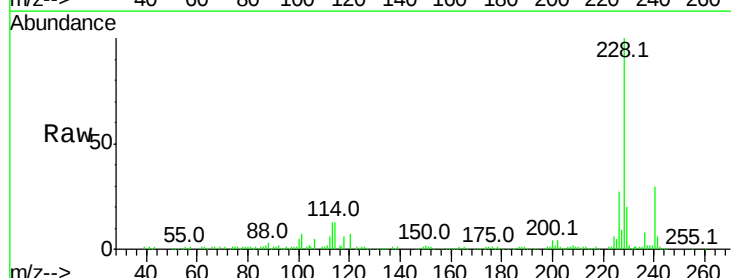
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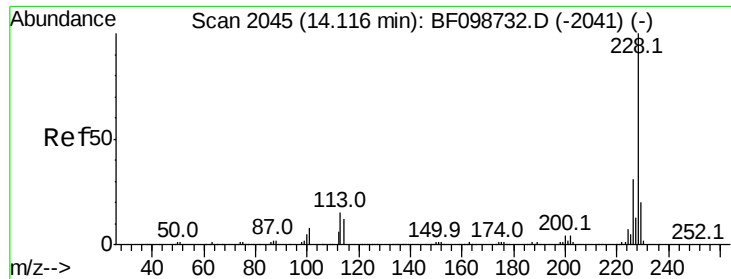
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#80
 Benzo(a)anthracene
 Concen: 10.385 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF099526.D
 Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.3	15.8	23.6





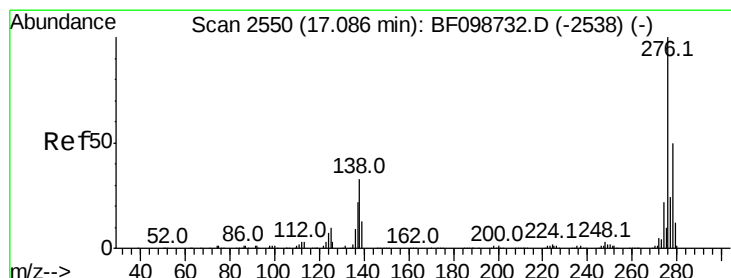
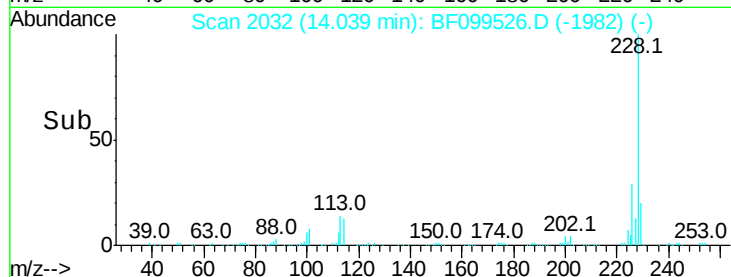
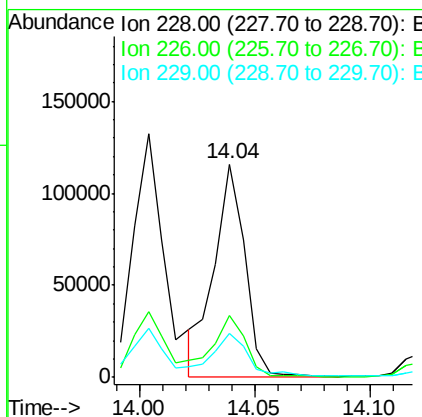
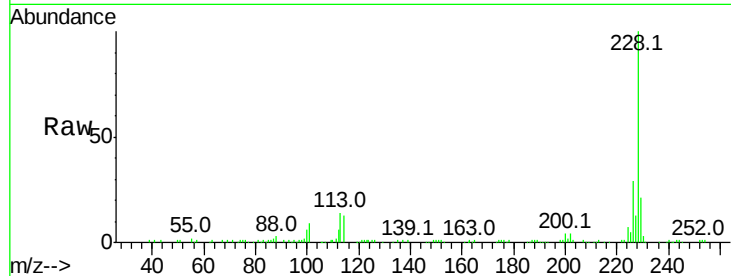
#82
Chrysene
Concen: 9.166 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.9	16.2	24.4

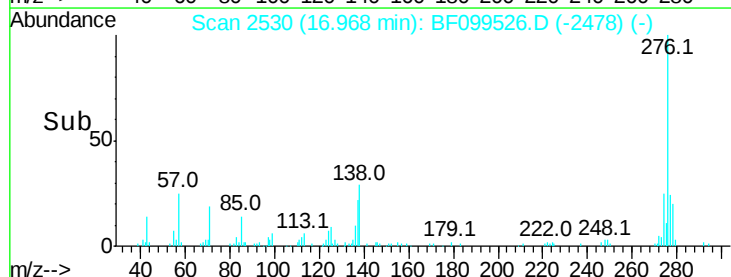
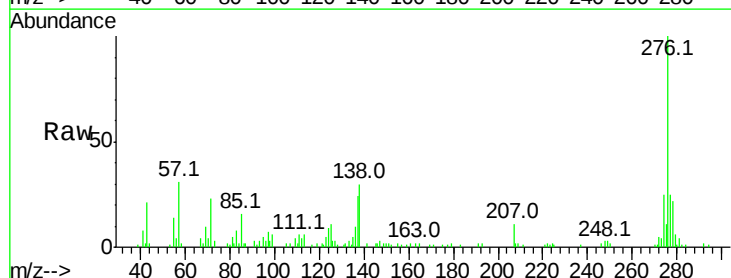
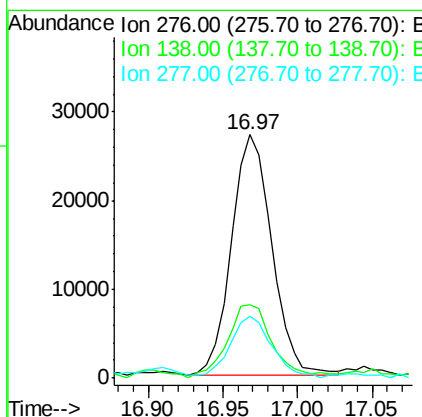
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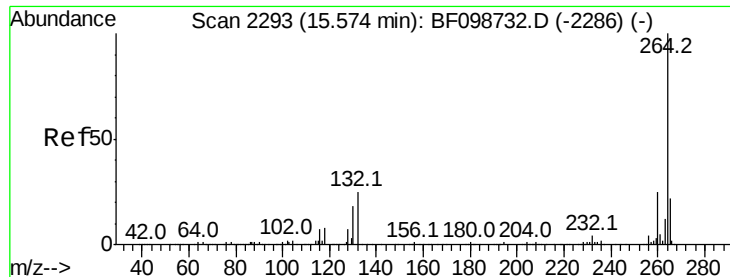
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.411 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	26.8	20.1	30.1





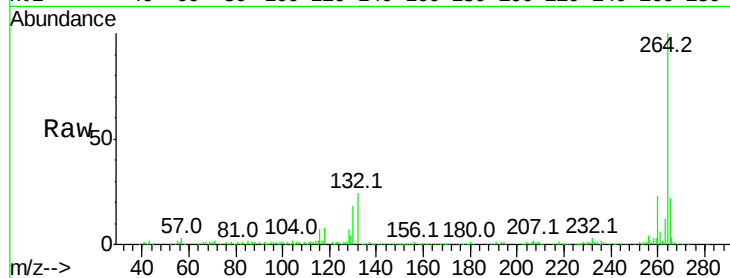
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3

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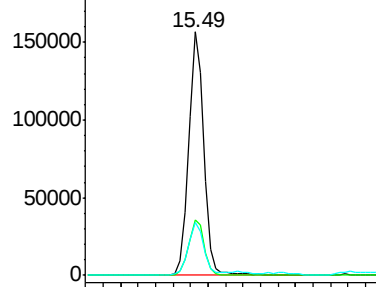


Abundance

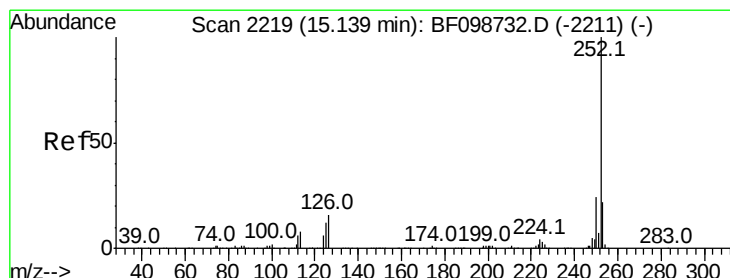
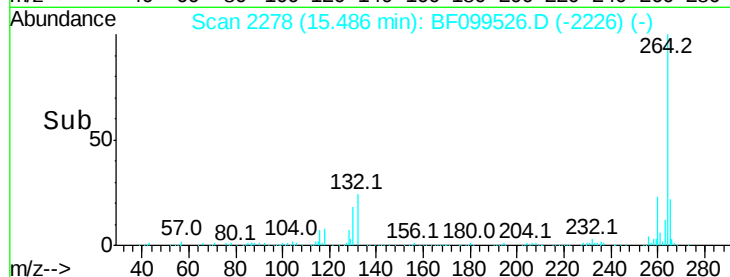
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

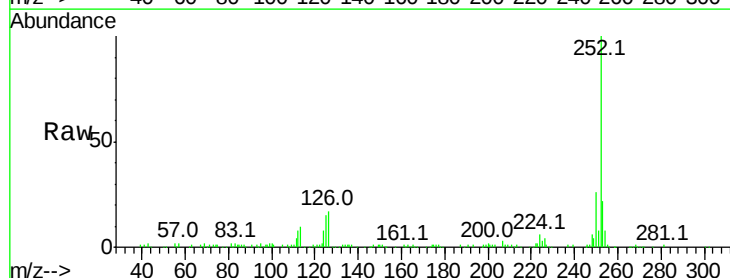


Time-->



#87
Benzo(b)fluoranthene
Concen: 12.877 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	14.6	9.0	13.6#

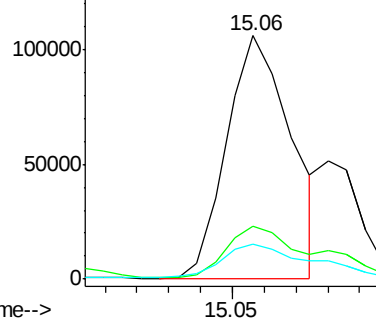


Abundance

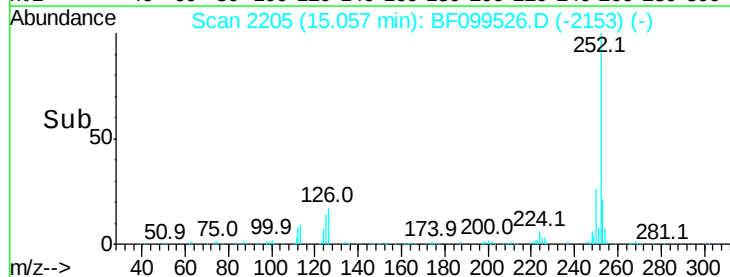
Ion 252.00 (251.70 to 252.70): E

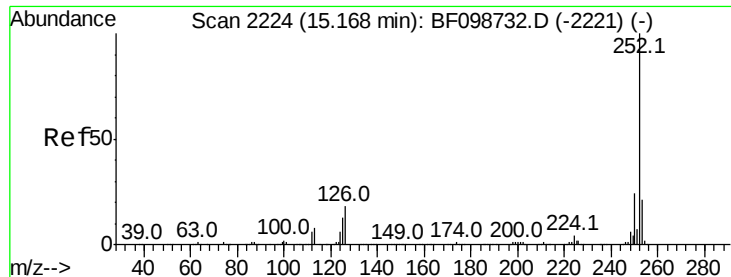
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





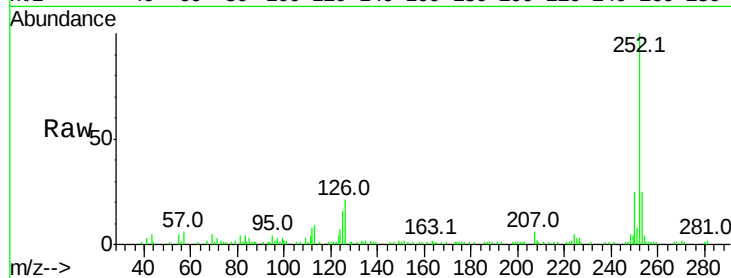
#88
Benzo(k)fluoranthene
Concen: 3.840 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGS

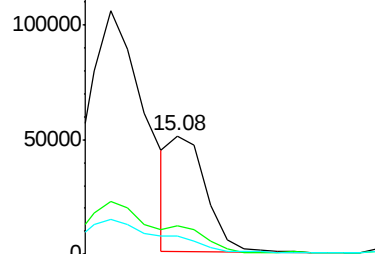
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	15.7	10.2	15.2

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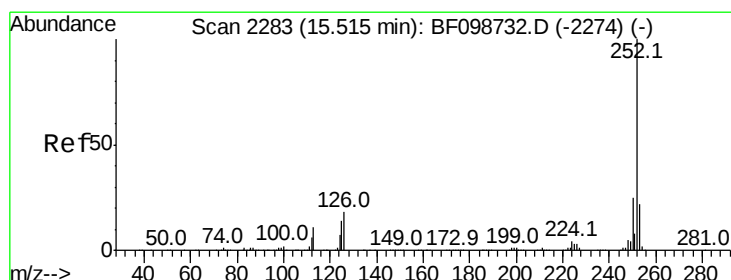
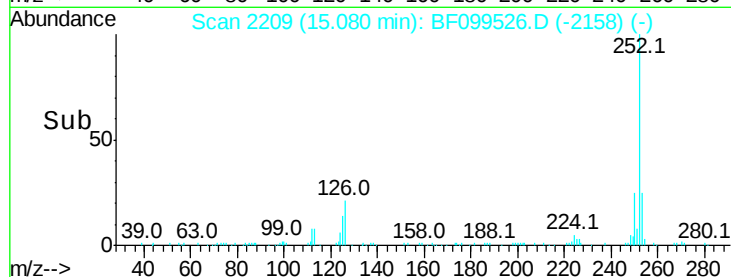
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



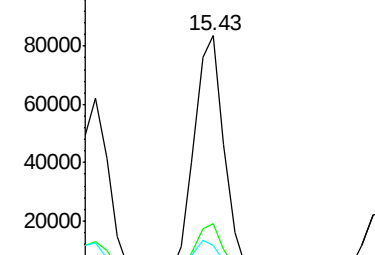
Time--> 15.05 15.10



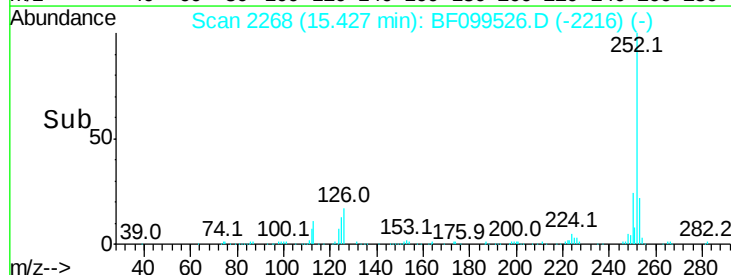
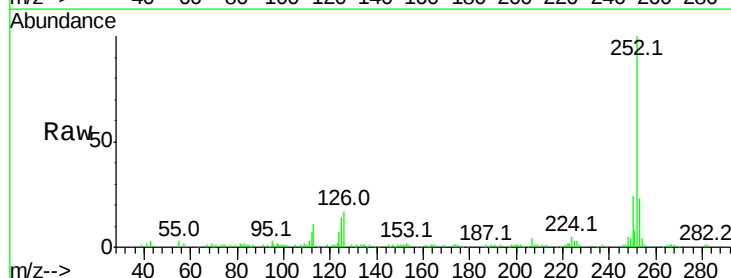
#89
Benzo(a)pyrene
Concen: 9.320 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099526.D
Acq: 15 Oct 2017 21:08

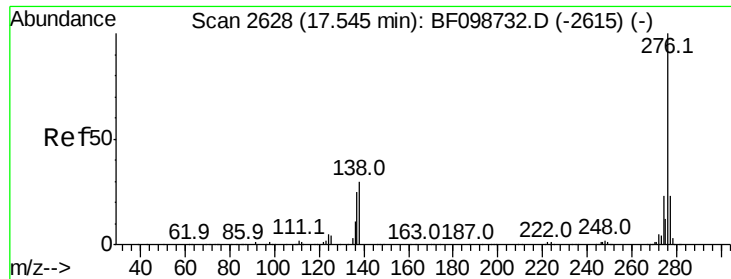
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.7	9.8	14.6

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



Time--> 15.40 15.45 15.50





#91
 Benzo(a,h,i)perylene
 Concen: 5.857 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099526.D
 Acq: 15 Oct 2017 21:08

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-6A-2-BGS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	31.9	21.8	32.8

Manual Integrations
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