

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099573.D
 Acq On : 17 Oct 2017 4:41
 Operator : SJ/JU
 Sample : I5821-03RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:02:13 PM

Quant Time: Oct 17 05:38:06 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	113134	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	448714	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	182605	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	263013	20.00	ng	0.00
75) Chrysene-d12	14.02	240	203591	20.00	ng	0.00
86) Perylene-d12	15.49	264	213857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	759926	106.93	ng	0.00
7) Phenol-d6	6.49	99	908007	103.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	536894	76.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	152540	102.09	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	973949	89.04	ng	-0.01
78) Terphenyl-d14	12.95	244	621572	69.43	ng	0.00
Target Compounds						
10) Phenol	6.49	94	55481	5.658	ng	84
49) Dimethylphthalate	9.59	163	167876	12.181	ng	98
70) Phenanthrene	11.39	178	140205	9.959	ng	98
71) Anthracene	11.45	178	32946	2.287	ng	100
74) Fluoranthene	12.59	202	237129	16.634	ng	97
77) Pyrene	12.82	202	221325	14.256	ng	98
80) Benzo(a)anthracene	14.00	228	126726	10.280	ng	99
82) Chrysene	14.04	228	106513	9.075	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	58530	6.234	ng	98
87) Benzo(b)fluoranthene	15.06	252	161705m	12.298	ng	
88) Benzo(k)fluoranthene	15.08	252	49789m	3.834	ng	
89) Benzo(a)pyrene	15.43	252	109787	9.096	ng	97
91) Benzo(a,h,i)perylene	17.42	276	56598	5.928	ng	97

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

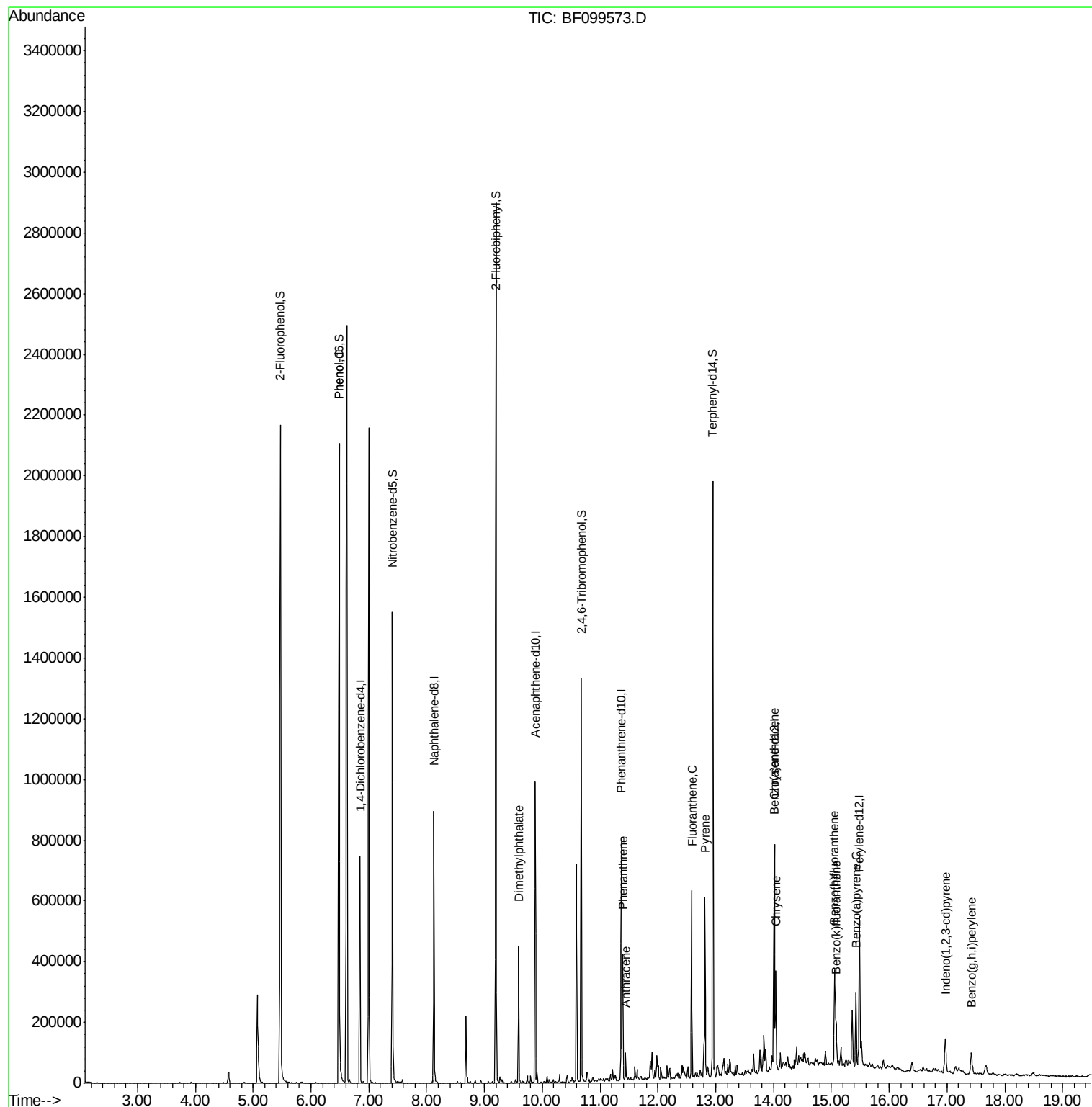
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
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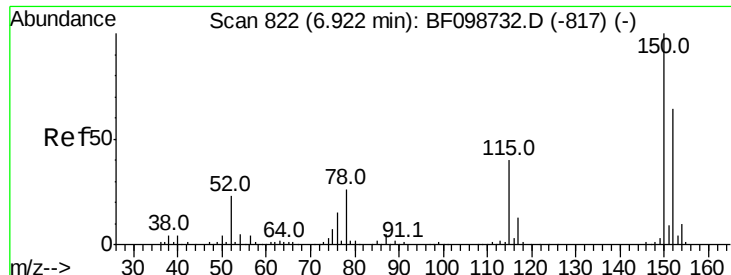
Instrument :
BNA_F
ClientSampleId :
WPSB-6A-2-BGSRE

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

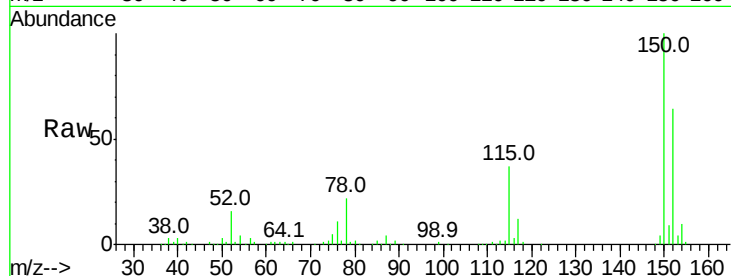
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

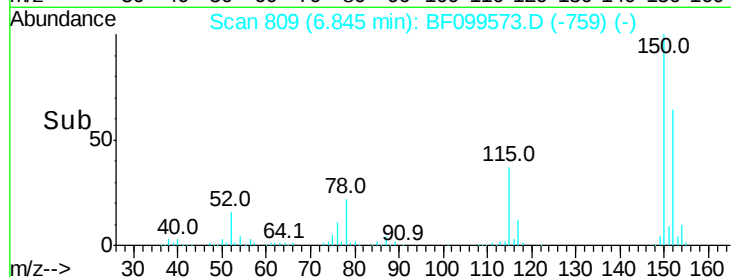
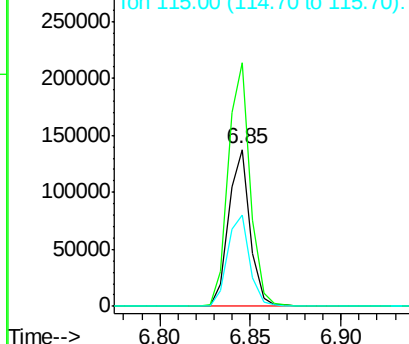
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.1	50.1	75.1

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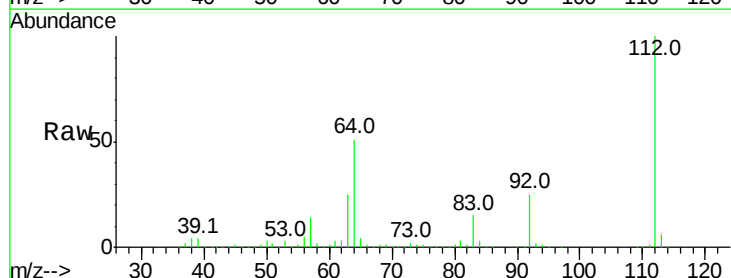
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



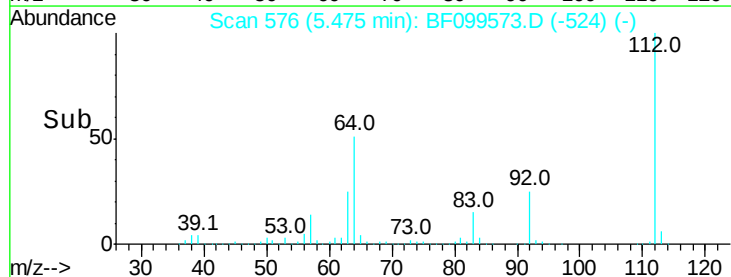
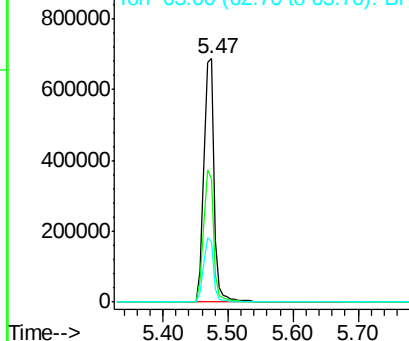
#5

2-Fluorophenol
Concen: 106.929 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	47.9	71.9
63	24.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.570 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099573.D

Acq: 17 Oct 2017 4:41

Instrument :

BNA_F

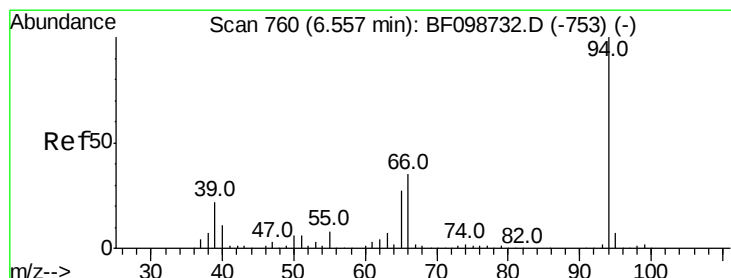
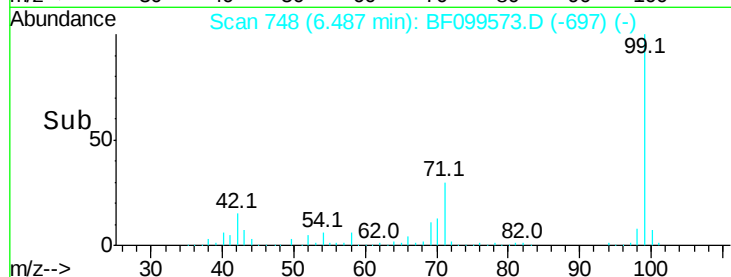
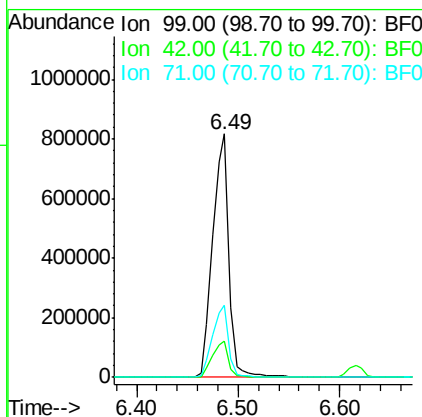
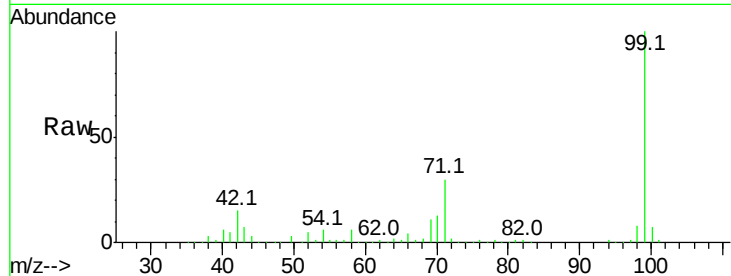
ClientSampleId :

WPSB-6A-2-BGSRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		908007		
42	14.8	14.5	21.7		
71	29.8	25.4	38.0		

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#10

Phenol

Concen: 5.658 ng

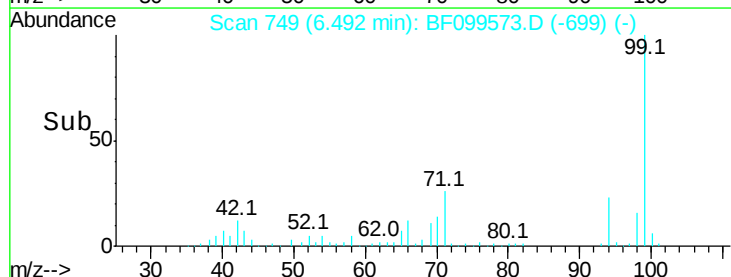
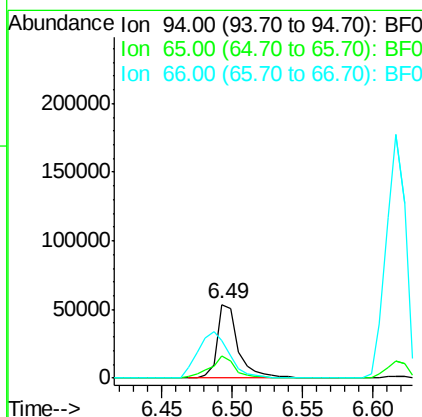
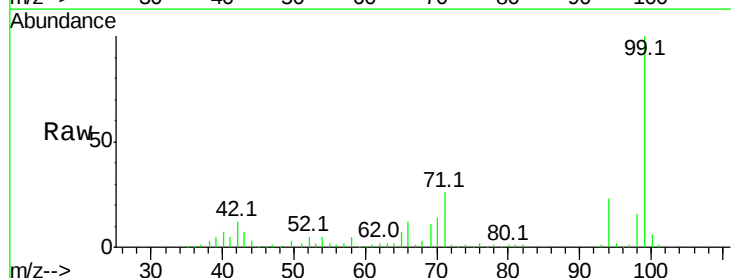
RT: 6.49 min Scan# 749

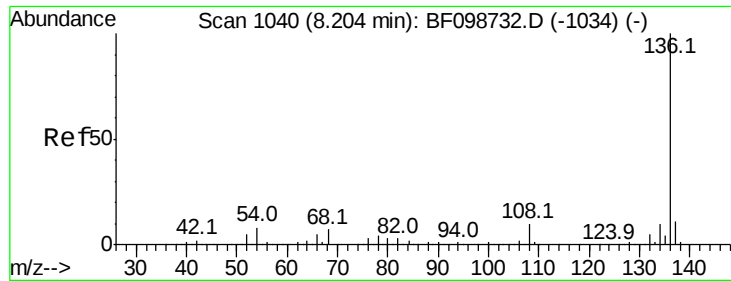
Delta R.T. -0.01 min

Lab File: BF099573.D

Acq: 17 Oct 2017 4:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		55481		
65	29.6	7.9	47.9		
66	51.1	16.2	56.2		





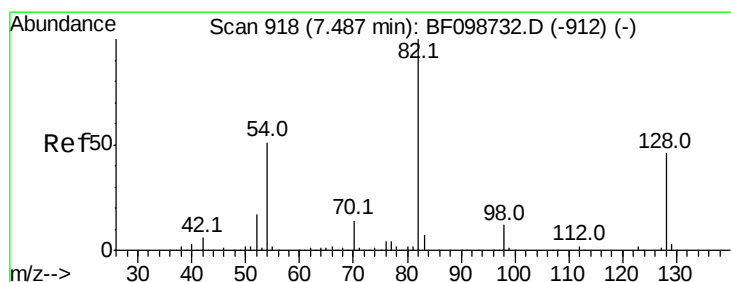
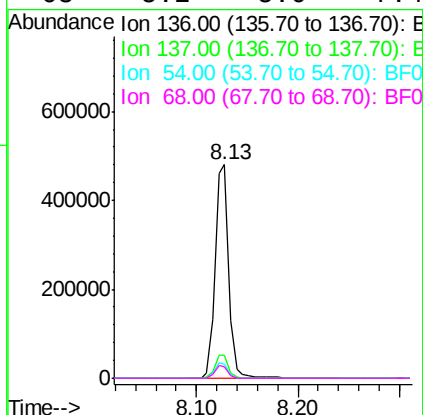
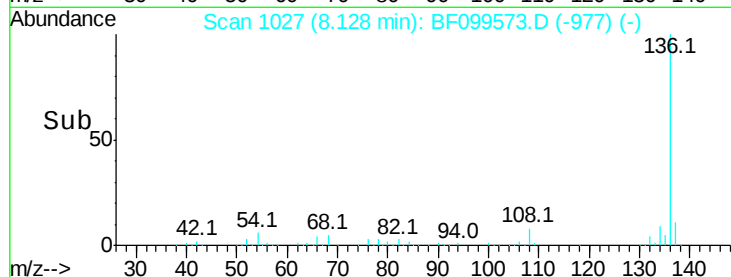
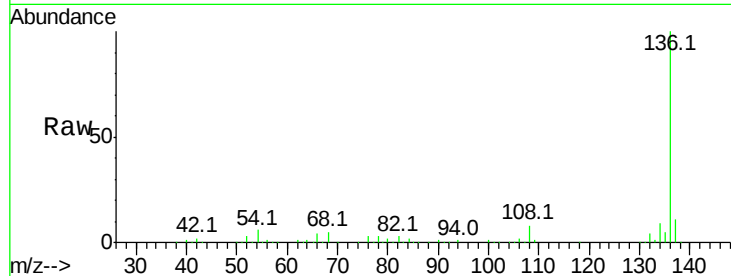
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.4	6.6	9.8	
68	5.2	5.0	7.4	

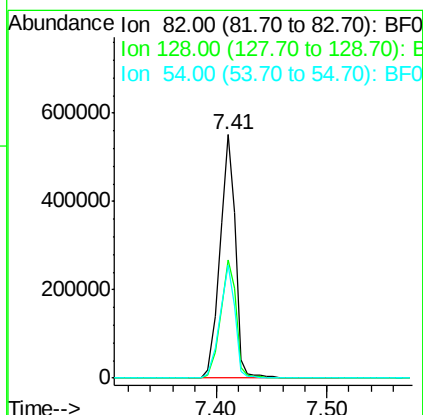
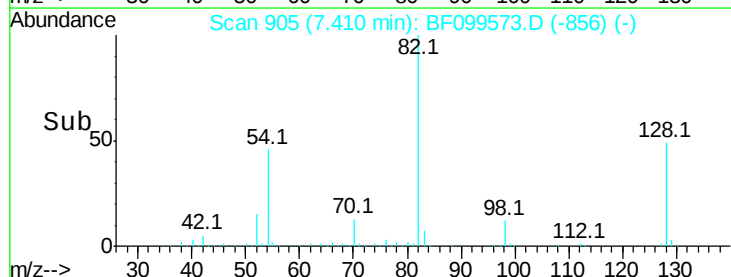
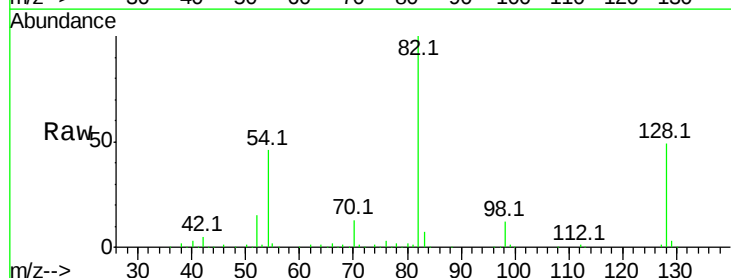
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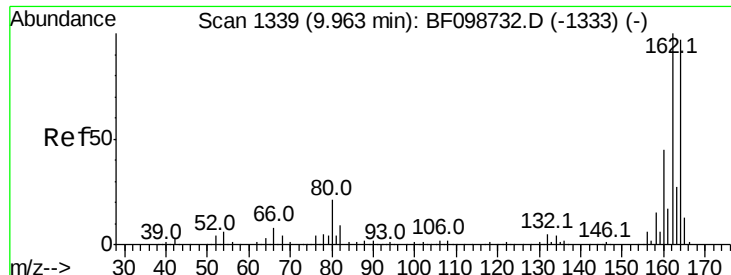
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#23
Nitrobenzene-d5
Concen: 76.733 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	36.1	54.1	
54	46.2	41.4	62.2	





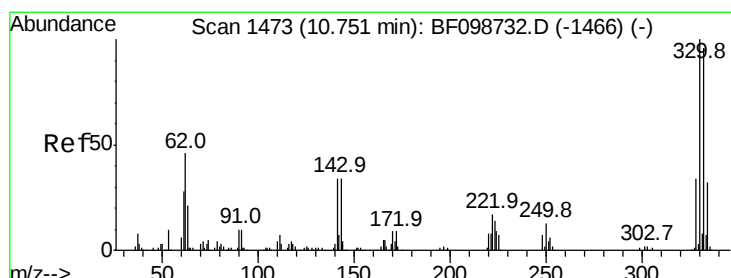
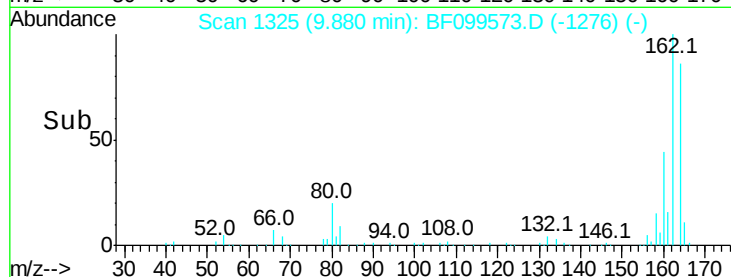
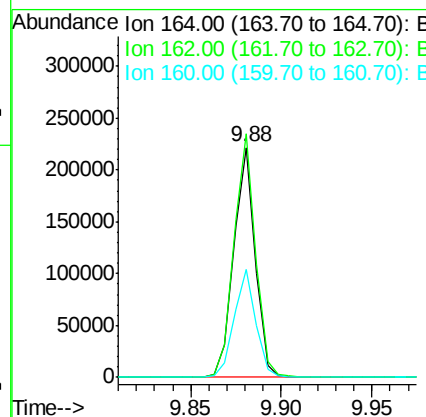
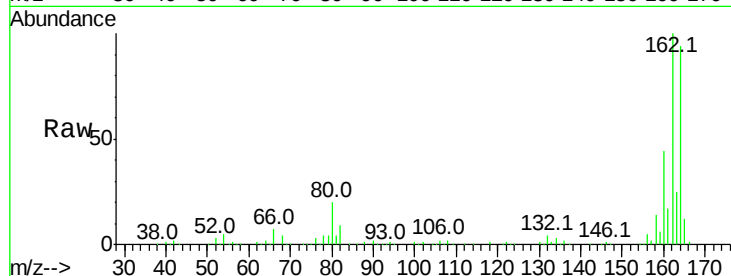
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	182605		
162	105.9	86.1	129.1	
160	46.7	38.3	57.5	

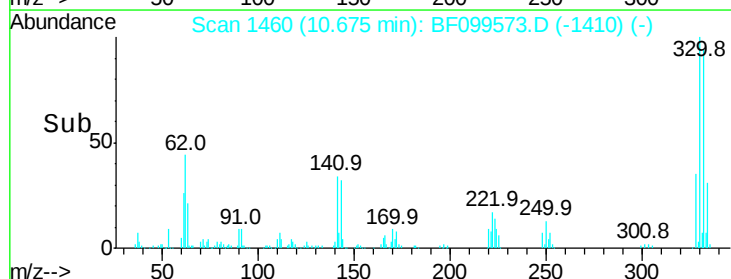
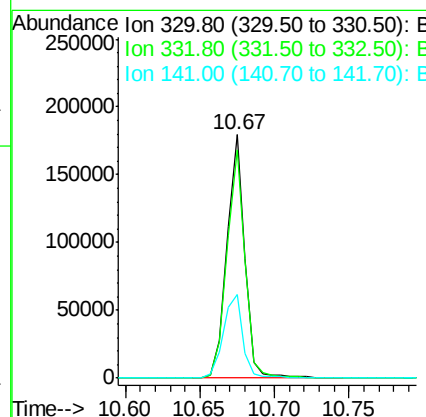
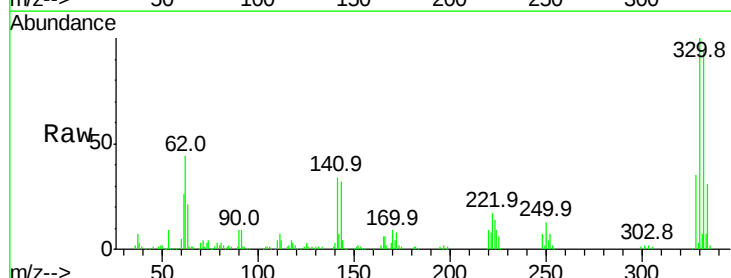
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#41
2,4,6-Tribromophenol
Concen: 102.088 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	152540		
332	95.7	77.0	115.6	
141	37.3	29.9	44.9	





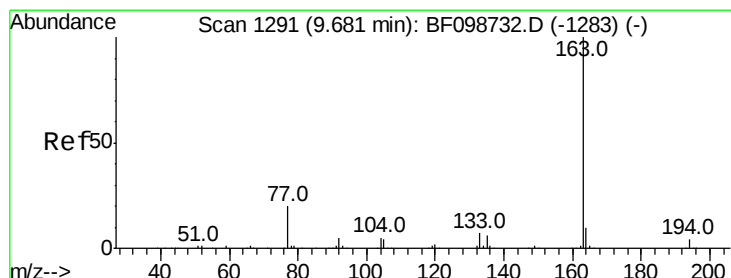
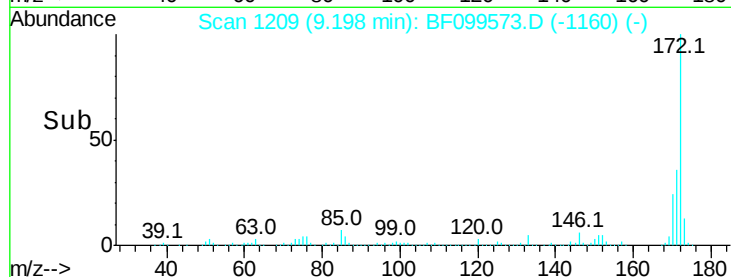
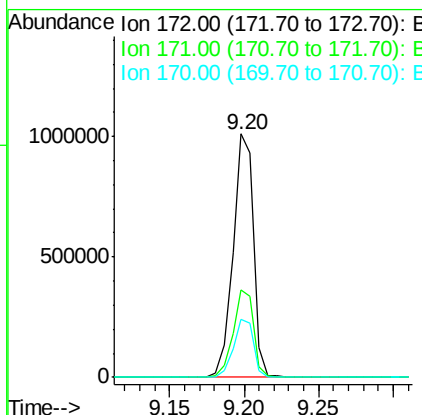
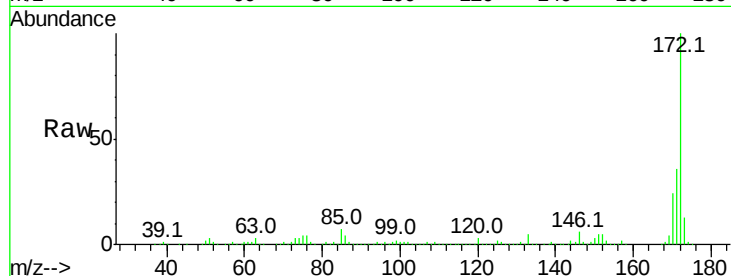
#44
2-Fluorobiphenyl
Concen: 89.041 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	973949		
171	36.1		29.7	44.5
170	23.9		19.6	29.4

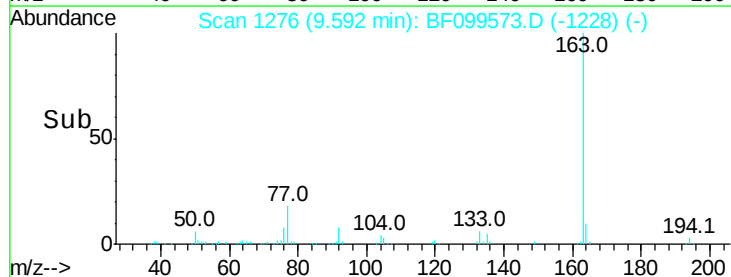
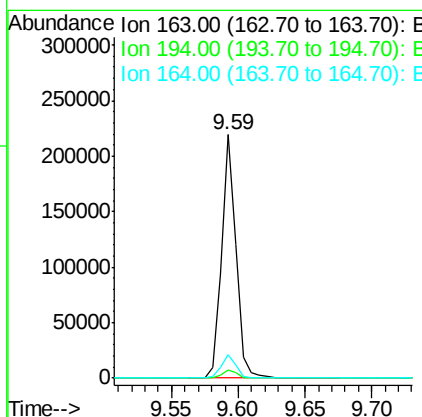
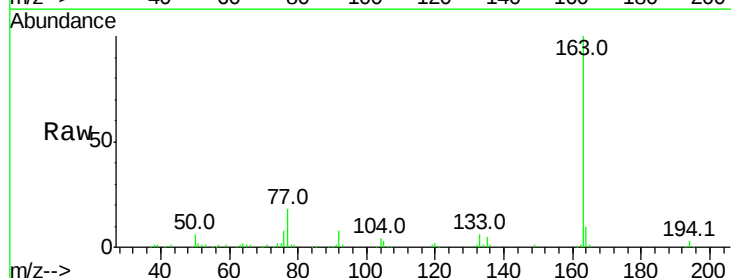
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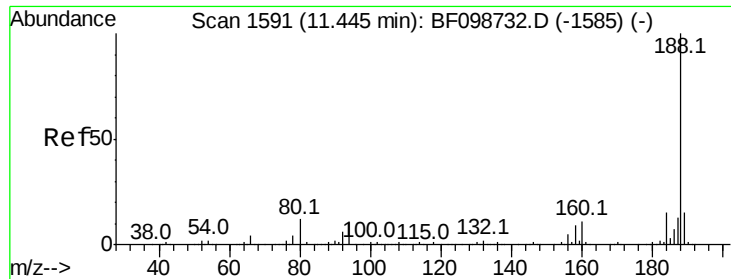
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#49
Dimethylphthalate
Concen: 12.181 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	167876		
194	3.2		2.7	4.1
164	9.5		8.2	12.2





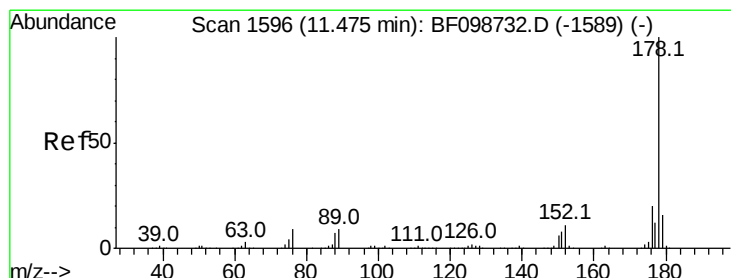
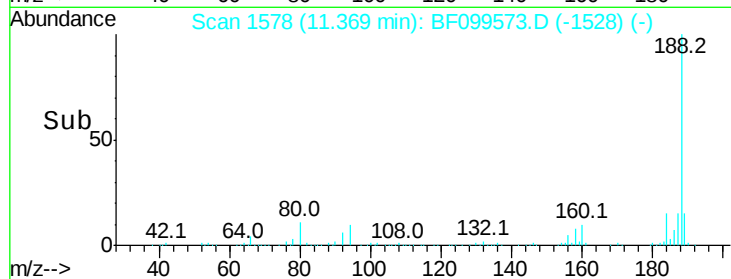
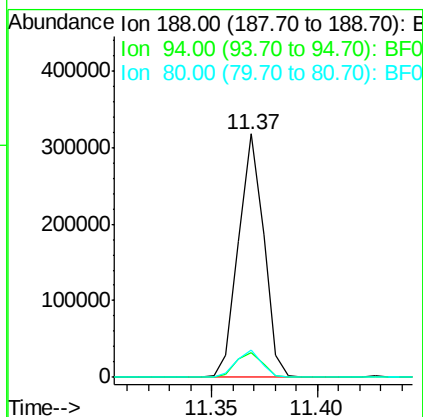
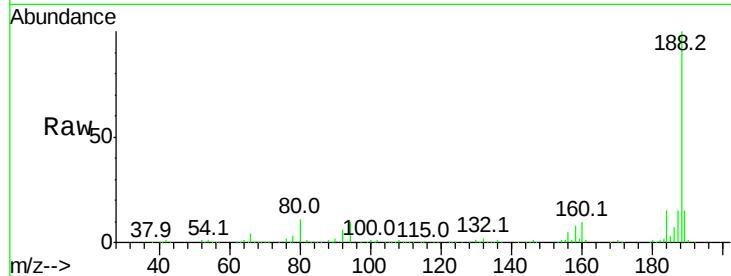
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	263013		
94	10.3		8.5	12.7
80	11.3		9.2	13.8

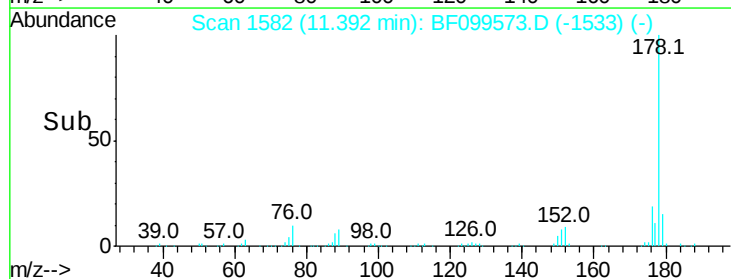
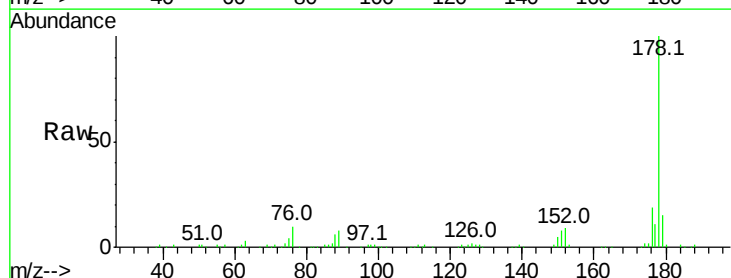
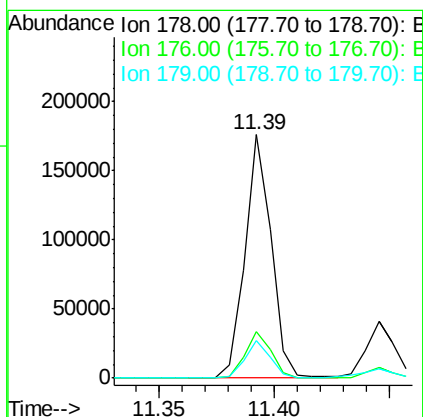
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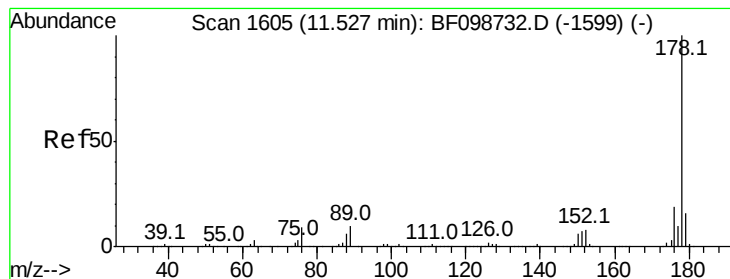
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#70
Phenanthrene
Concen: 9.959 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	140205		
176	19.0		15.8	23.8
179	15.5		13.0	19.6





#71

Anthracene

Concen: 2.287 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF099573.D

Acq: 17 Oct 2017 4:41

Instrument :

BNA_F

ClientSampleId :

WPSB-6A-2-BGSRE

Tot Ion:178 Resp: 32946

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

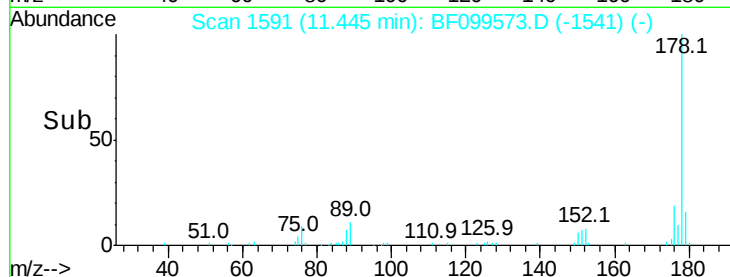
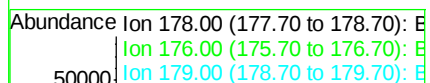
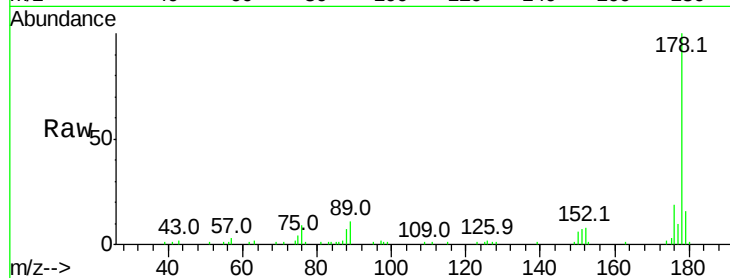
179 16.1 12.6 19.0

Manual Integrations

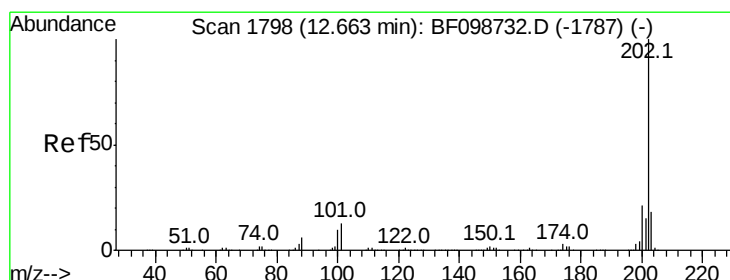
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Time-->



#74

Fluoranthene

Concen: 16.634 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF099573.D

Acq: 17 Oct 2017 4:41

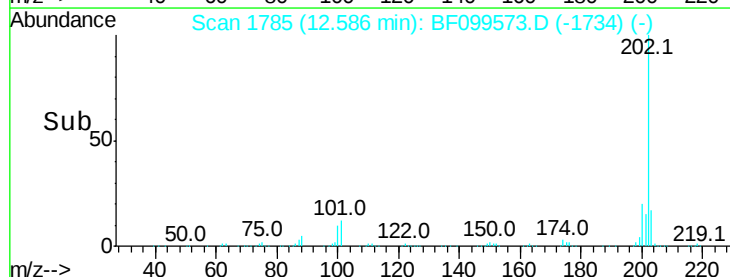
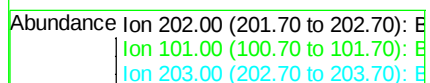
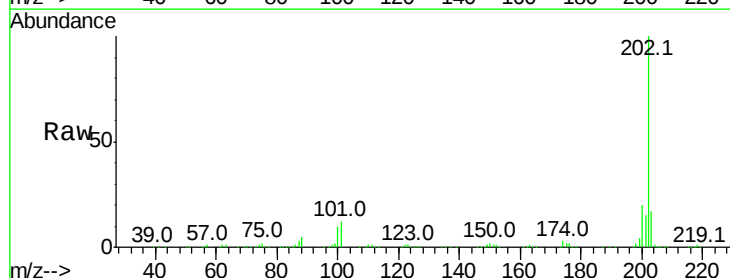
Tgt Ion:202 Resp: 237129

Ion Ratio Lower Upper

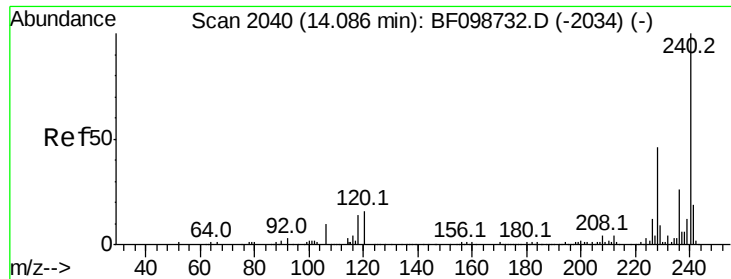
202 100

101 12.4 0.0 34.1

203 17.4 0.0 38.1



Time-->



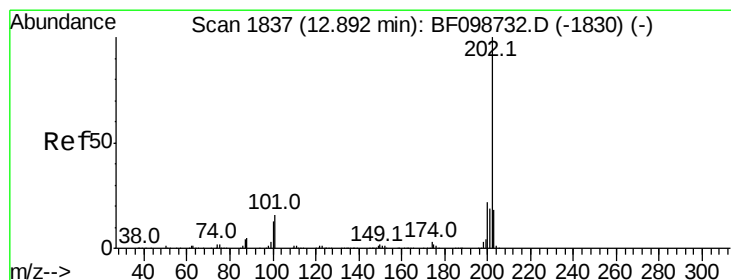
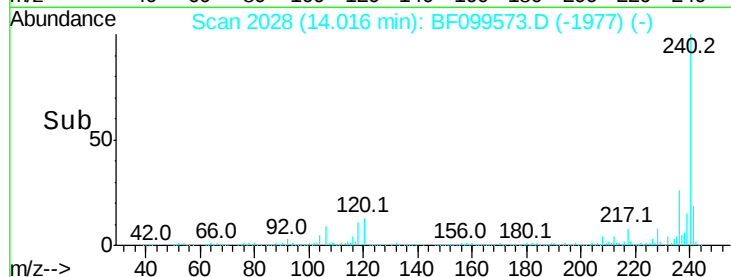
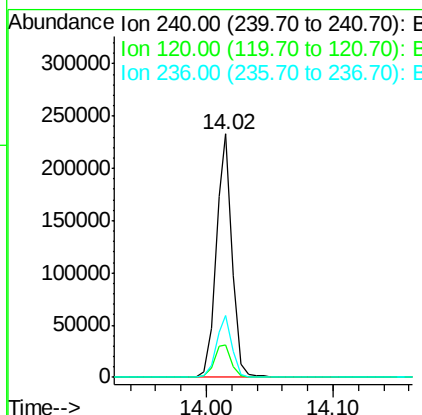
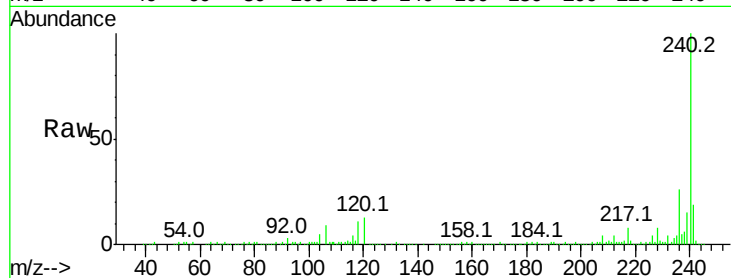
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.5	20.7	31.1

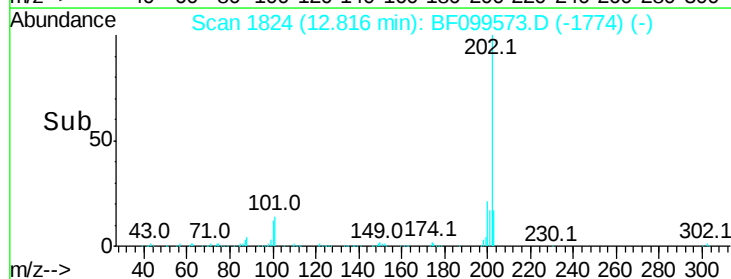
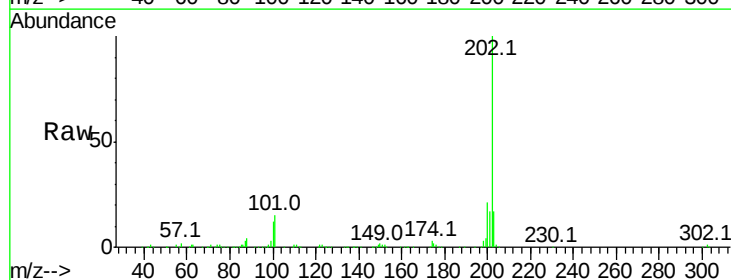
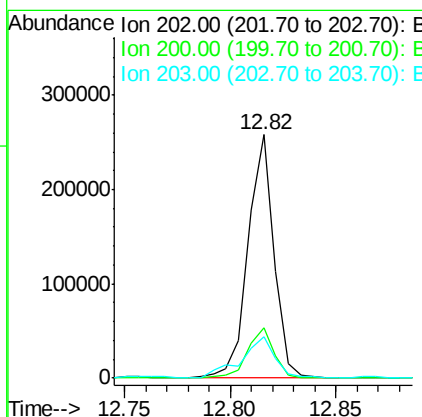
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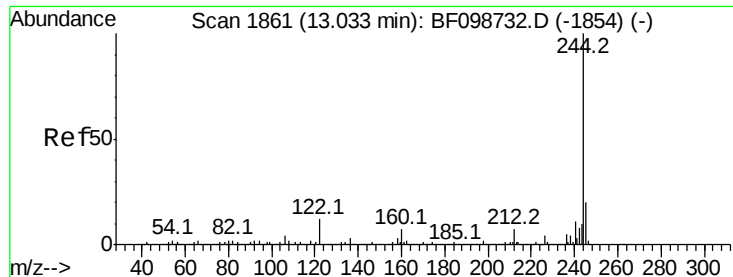
Sohil
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#77
Pyrene
Concen: 14.256 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.0	14.3	21.5





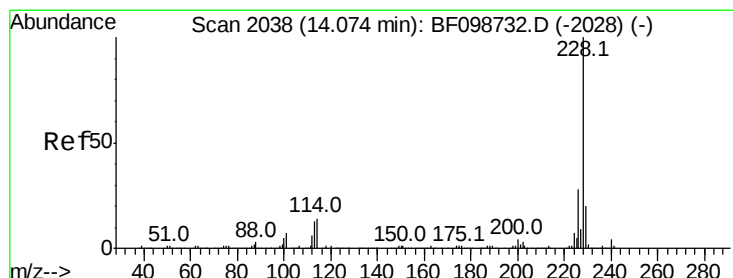
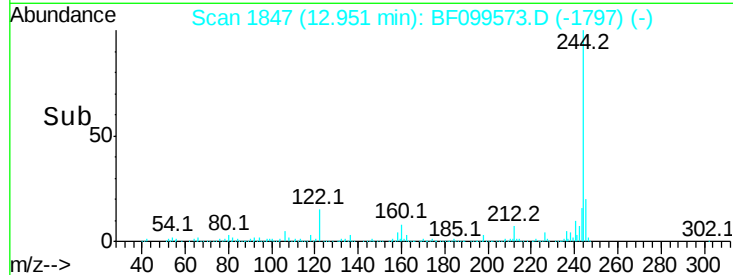
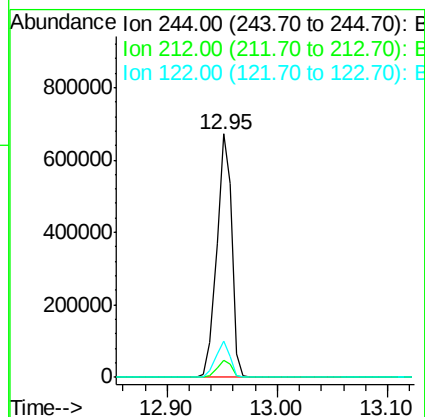
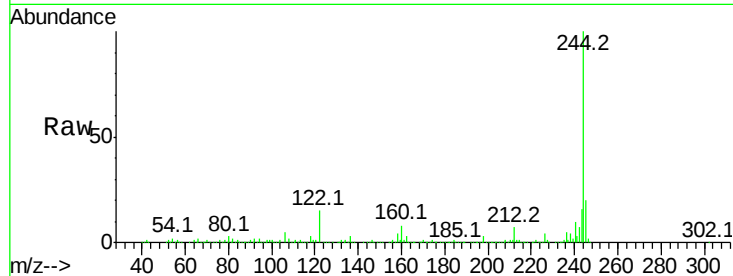
#78
 Terphenyl-d14
 Concen: 69.432 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099573.D
 Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.6	11.0	16.4

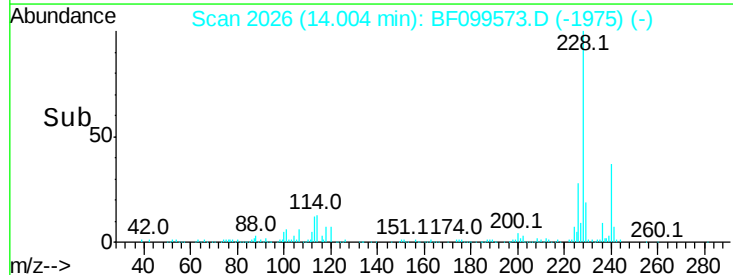
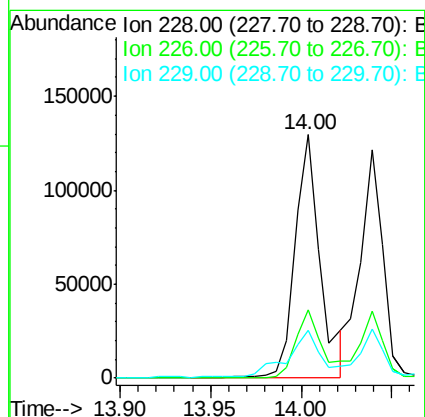
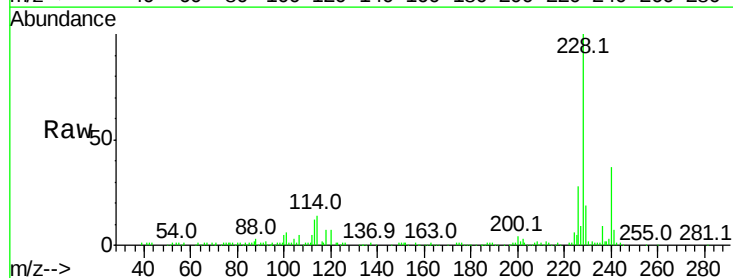
Manual Integrations
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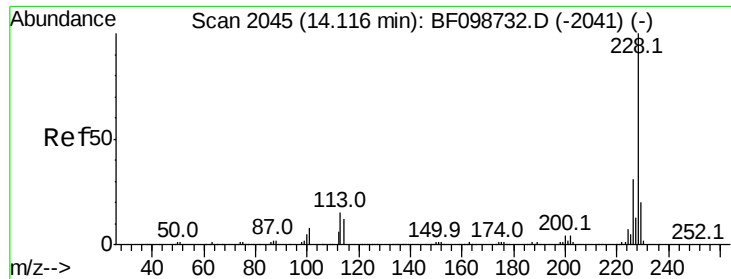
Sohil
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#80
 Benzo(a)anthracene
 Concen: 10.280 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF099573.D
 Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.4	15.8	23.6





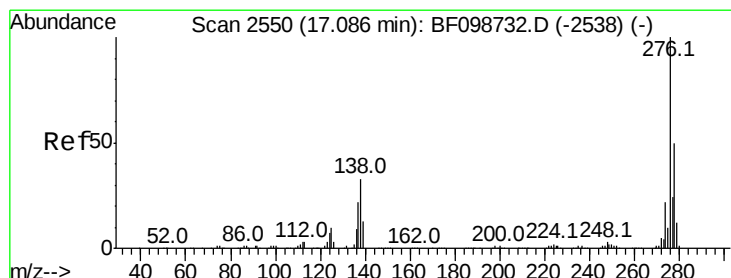
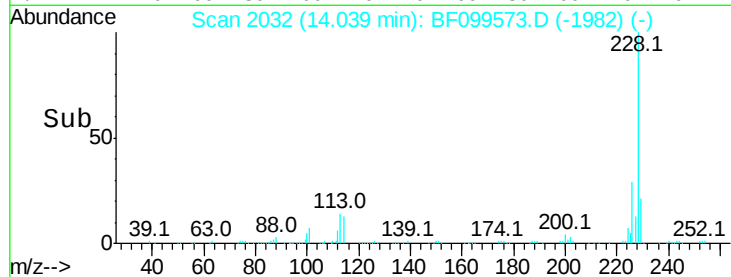
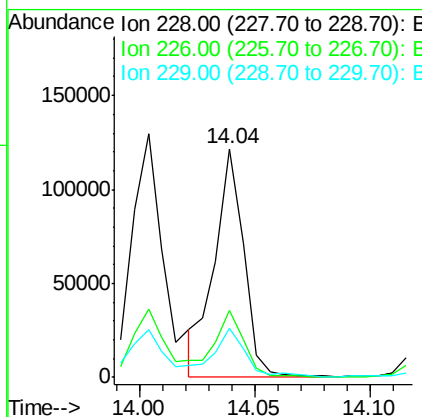
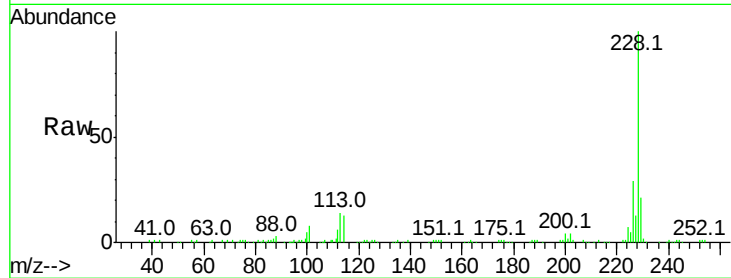
#82
Chrysene
Concen: 9.075 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	21.5	16.2	24.4

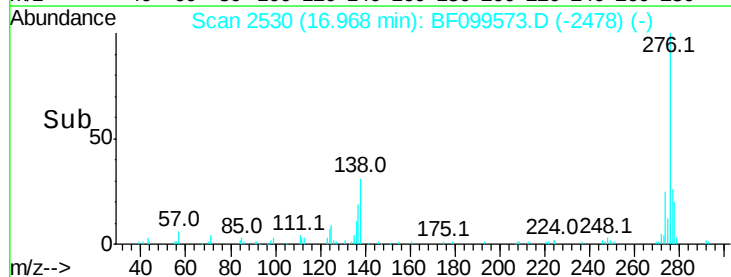
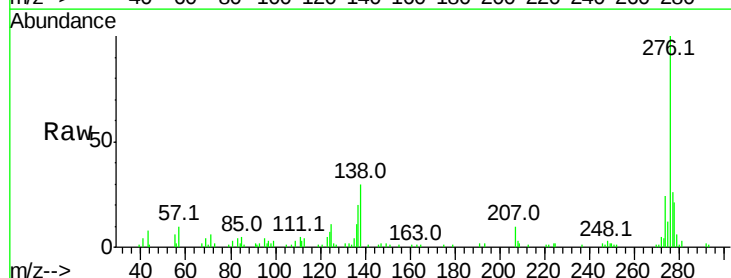
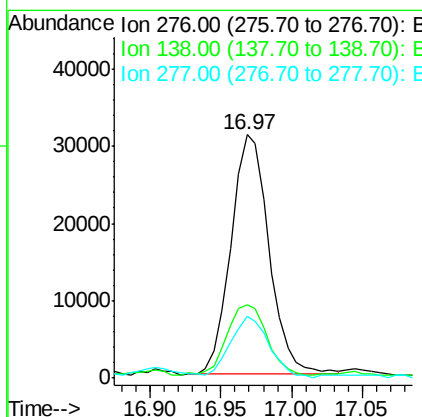
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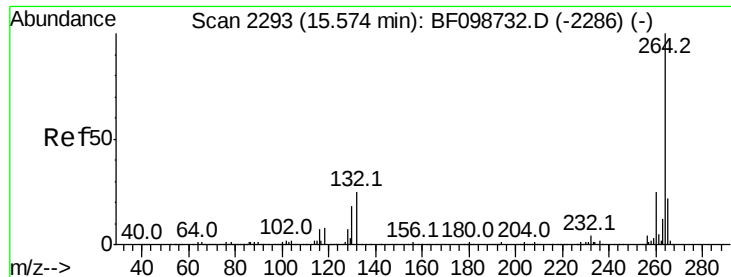
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.234 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.0	37.6
277	26.3	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: BF099573.D

Acq: 17 Oct 2017 4:41

Instrument :

BNA_F

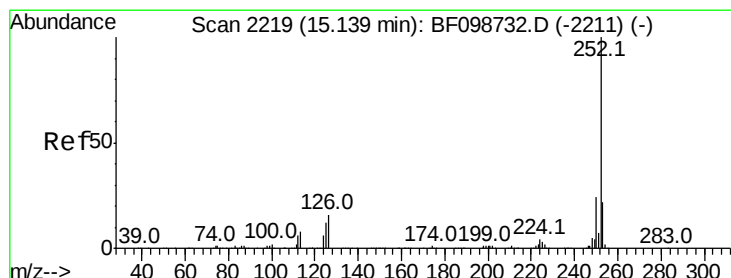
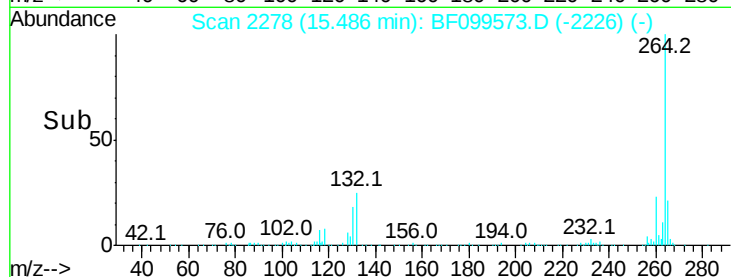
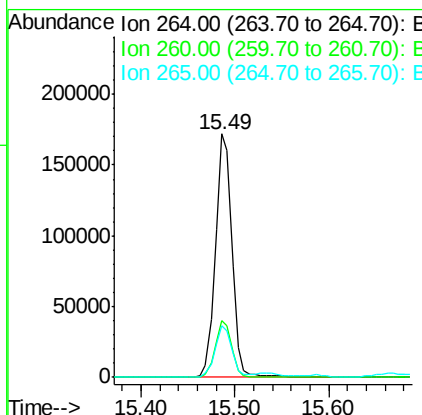
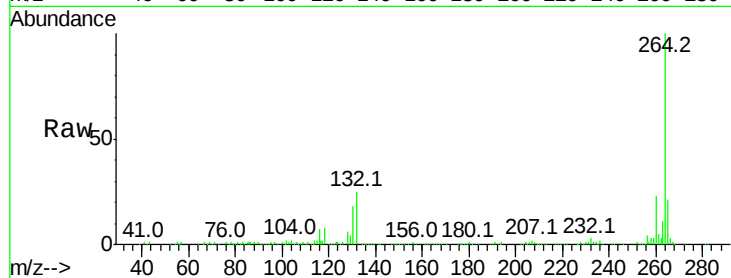
ClientSampleId :

WPSB-6A-2-BGSRE

Tot Ion:	264	Resp:	213857
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 12.298 ng m

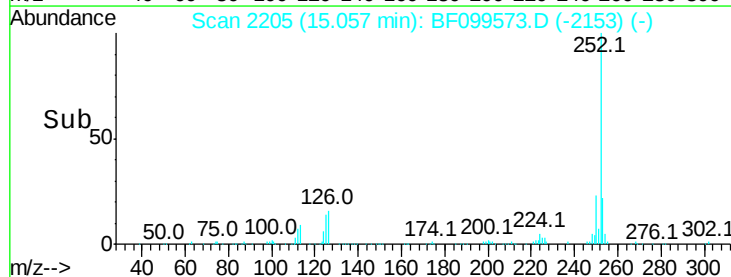
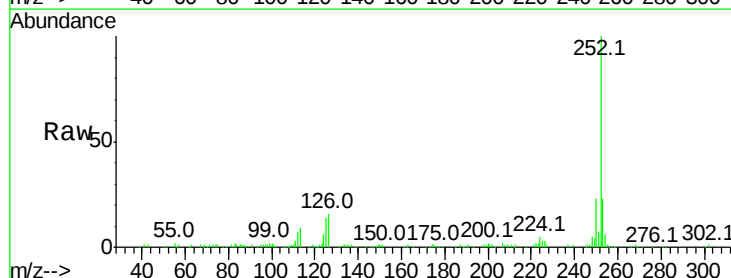
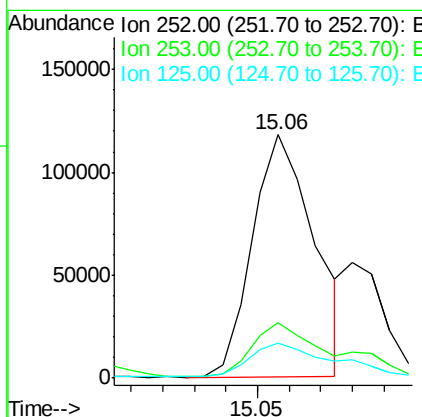
RT: 15.06 min Scan# 2205

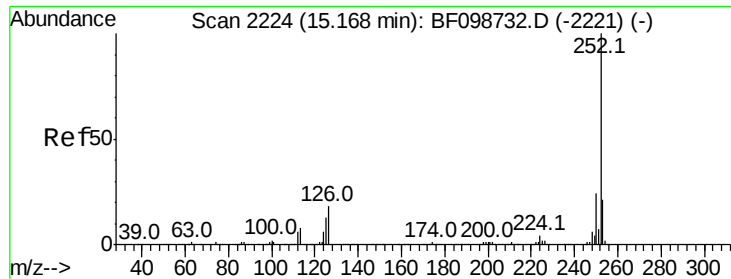
Delta R.T. 0.01 min

Lab File: BF099573.D

Acq: 17 Oct 2017 4:41

Tgt Ion:	252	Resp:	161705
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.0	25.6
125	14.2	9.0	13.6#





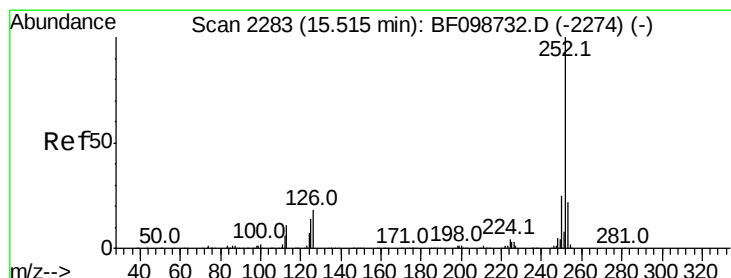
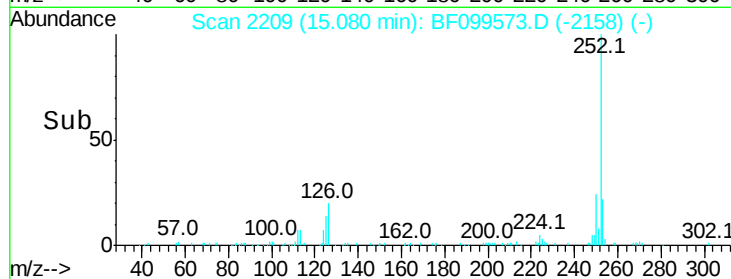
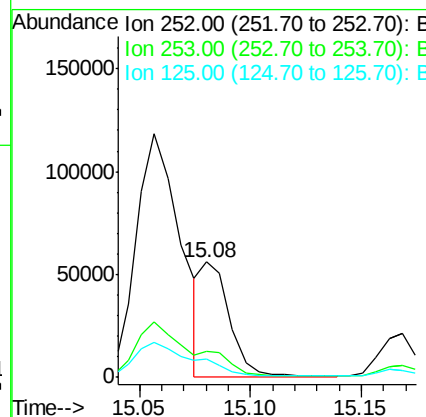
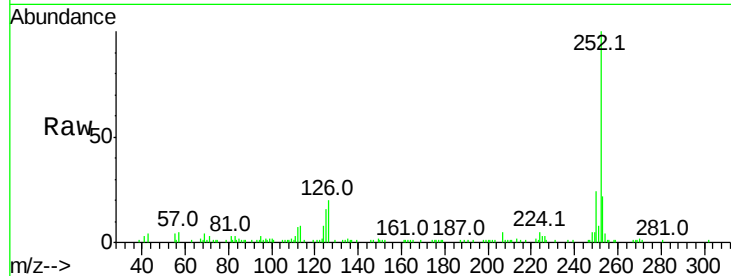
#88
Benzo(k)fluoranthene
Concen: 3.834 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	15.7	10.2	15.2

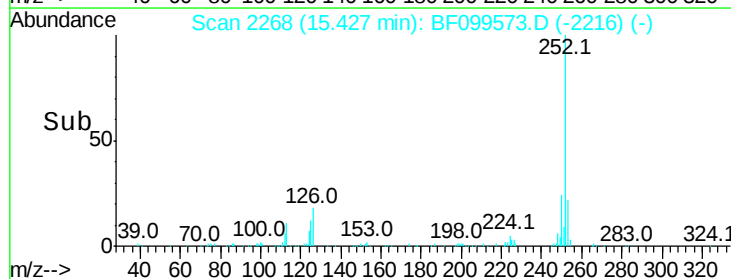
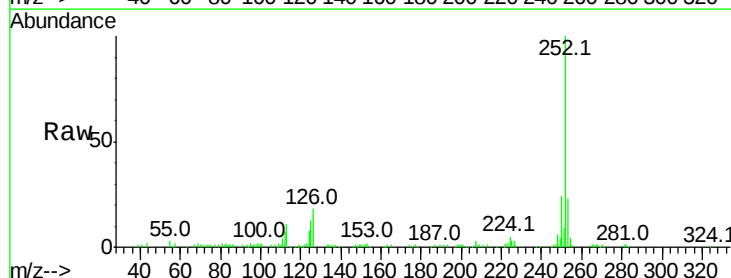
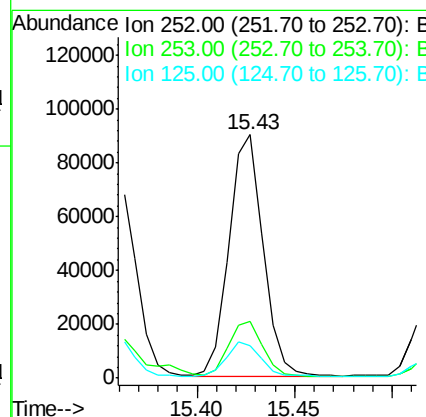
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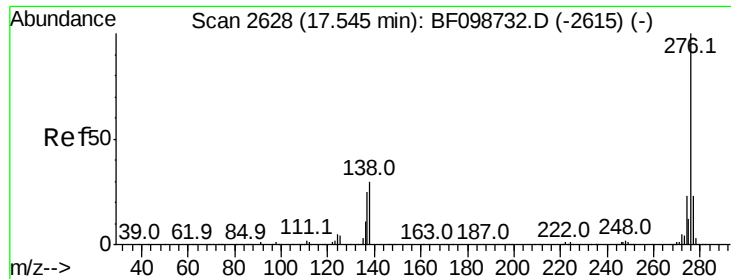
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#89
Benzo(a)pyrene
Concen: 9.096 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099573.D
Acq: 17 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.928 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099573.D
 Acq: 17 Oct 2017 4:41

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
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