

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099523.D
 Acq On : 15 Oct 2017 19:43
 Operator : SJ/JU
 Sample : I5821-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-5A-2-BGS

Manual Integrations
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Quant Time: Oct 16 02:48:21 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	90235	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	325578	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	118022	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	182763	20.00	ng	0.00
75) Chrysene-d12	14.02	240	198345	20.00	ng	0.00
86) Perylene-d12	15.49	264	181988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	363034	64.05	ng	0.00
7) Phenol-d6	6.47	99	408051	58.35	ng	-0.01
23) Nitrobenzene-d5	7.40	82	225792	44.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	56026	58.01	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	398781	56.41	ng	-0.01
78) Terphenyl-d14	12.95	244	322092	36.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	22517	2.879	ng	88
49) Dimethylphthalate	9.59	163	61508	6.905	ng	100
70) Phenanthrene	11.39	178	268852	27.482	ng	98
71) Anthracene	11.45	178	57764	5.771	ng	98
72) Carbazole	11.60	167	25694	2.621	ng	96
74) Fluoranthene	12.59	202	387963	39.164	ng	98
77) Pyrene	12.82	202	369701	24.444	ng	99
80) Benzo(a)anthracene	14.00	228	195428	16.272	ng	99
82) Chrysene	14.04	228	168982	14.778	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	69665	7.616	ng	98
87) Benzo(b)fluoranthene	15.06	252	203875m	18.220	ng	
88) Benzo(k)fluoranthene	15.08	252	69485m	6.287	ng	
89) Benzo(a)pyrene	15.43	252	147653	14.376	ng	# 95
90) Dibenzo(a,h)anthracene	16.97	278	18815	2.289	ng	# 88
91) Benzo(a,h,i)perylene	17.42	276	68326	8.409	ng	97

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

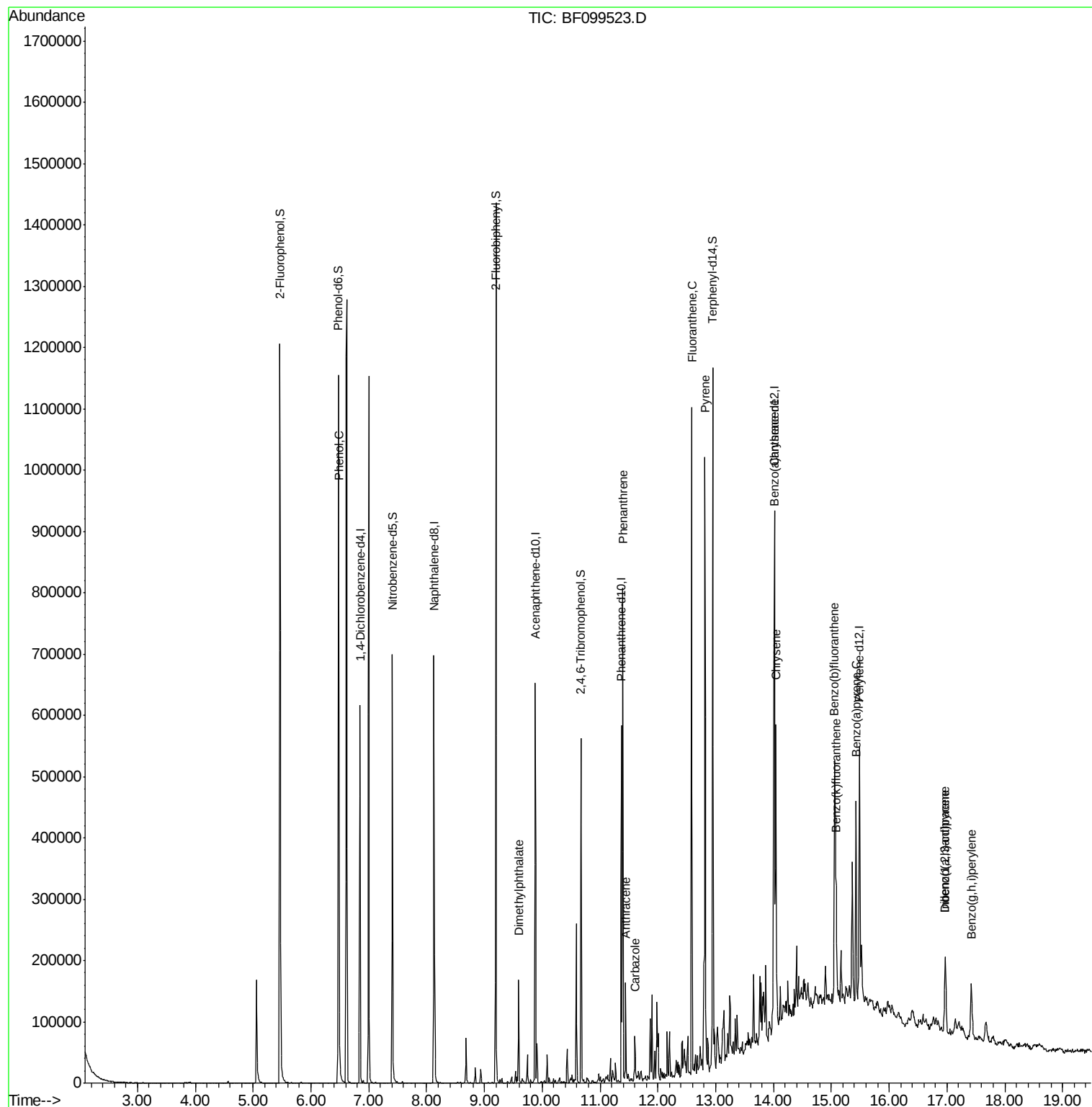
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099523.D
Acq On : 15 Oct 2017 19:43
Operator : SJ/JU
Sample : I5821-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

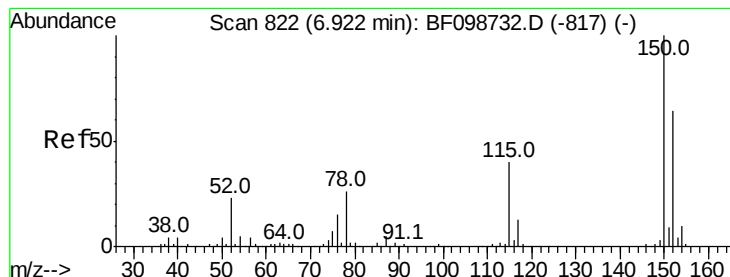
Instrument :
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Quant Time: Oct 16 02:48:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

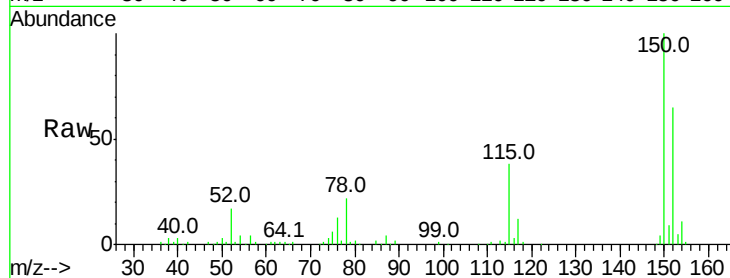
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

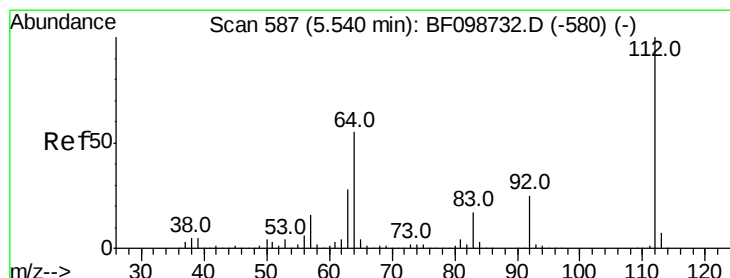
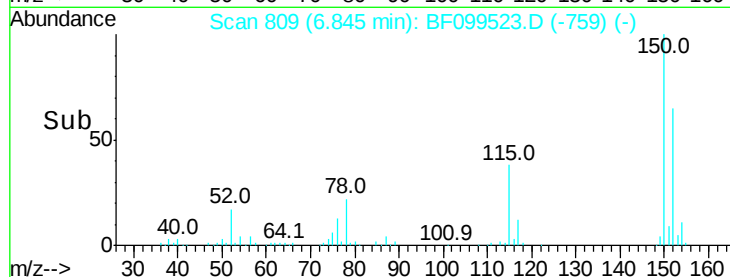
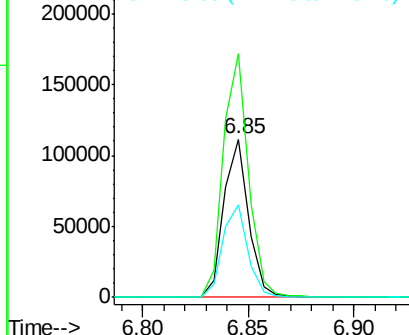
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	58.2	50.1	75.1

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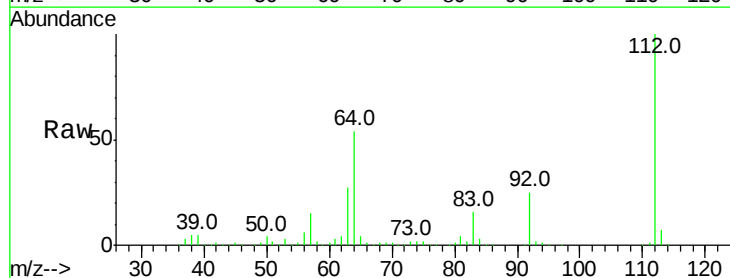
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



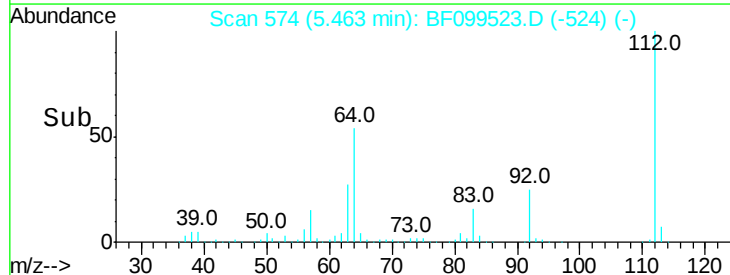
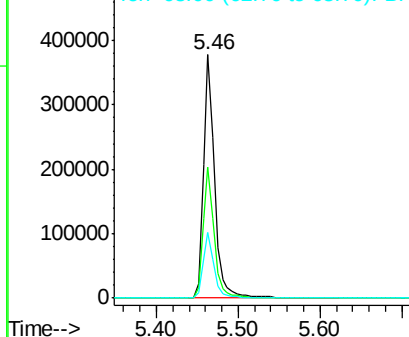
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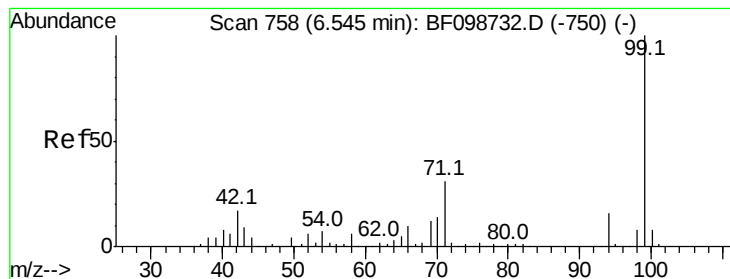
2-Fluorophenol
Concen: 64.045 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.8	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: 58.355 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Instrument :

BNA_F

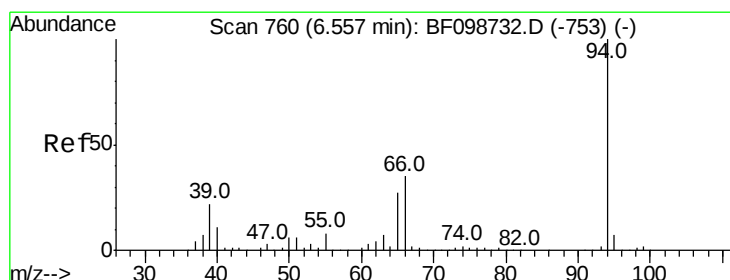
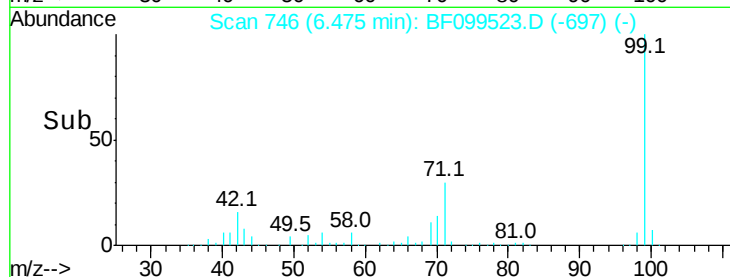
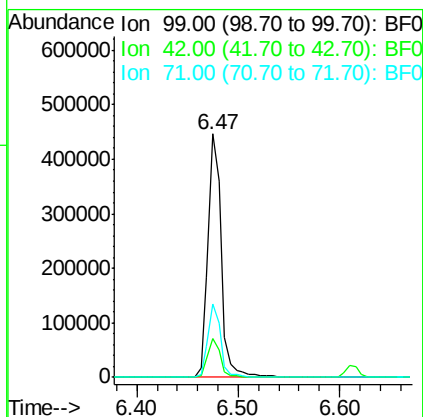
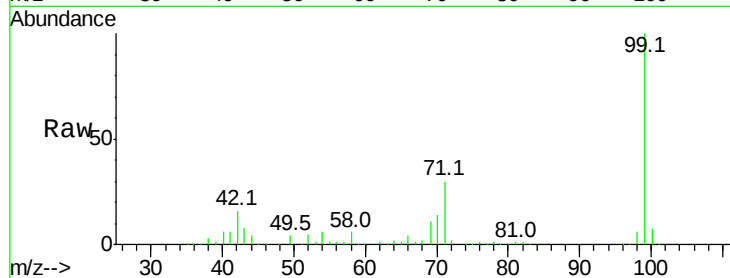
ClientSampleId :

WPSB-5A-2-BGS

Tot Ion:	99	Resp:	408051
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	30.0	25.4	38.0

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#10

Phenol

Concen: 2.879 ng

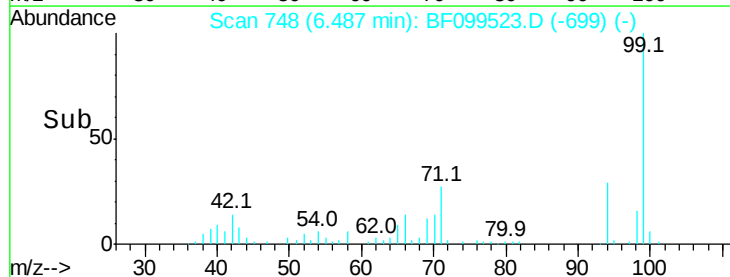
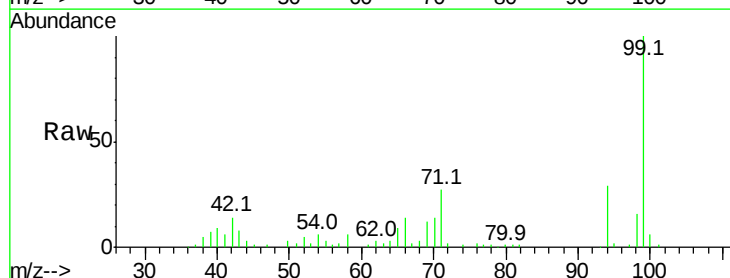
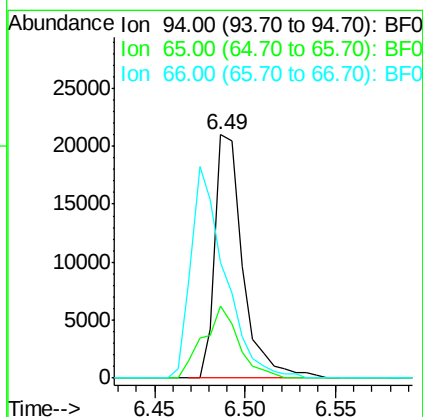
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Tgt Ion:	94	Resp:	22517
Ion Ratio	Lower	Upper	
94	100		
65	29.7	7.9	47.9
66	47.6	16.2	56.2





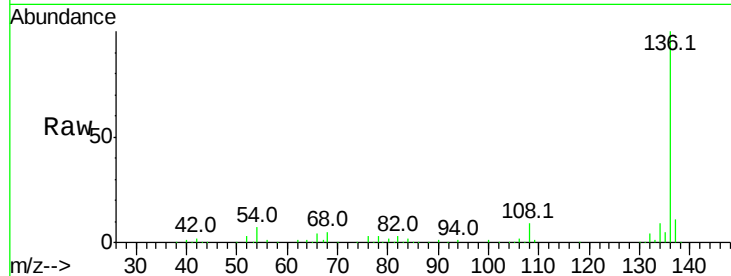
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

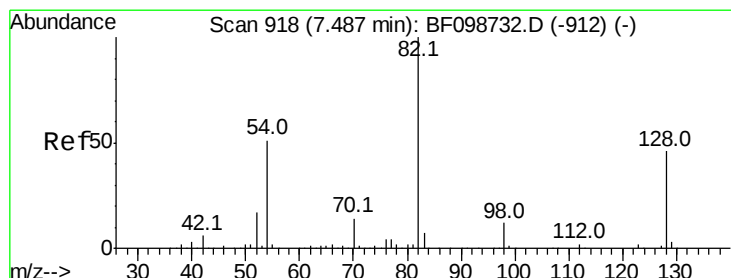
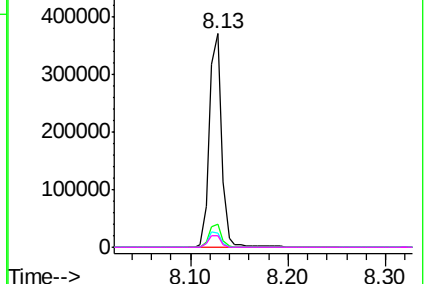
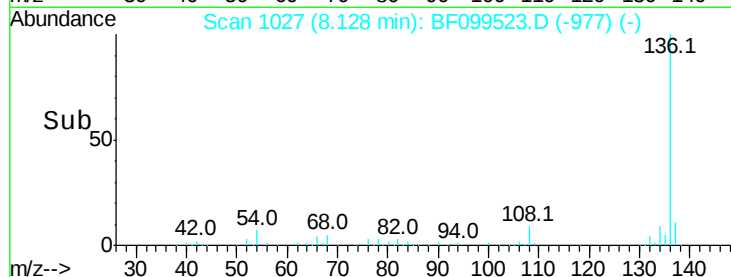
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8
68	5.5	5.0	7.4

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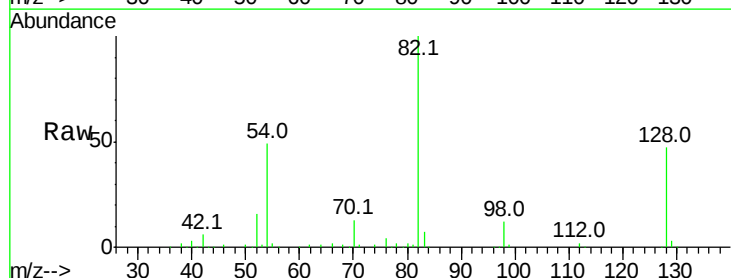


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

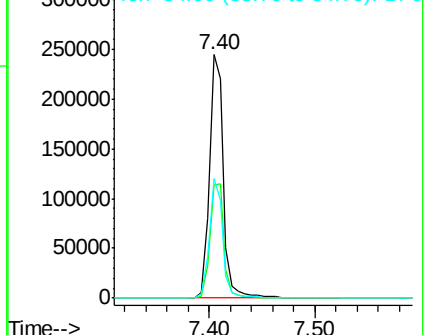
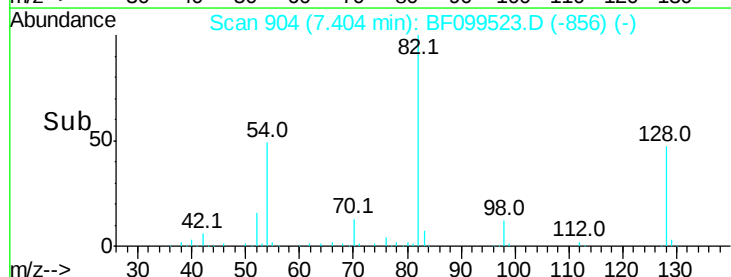


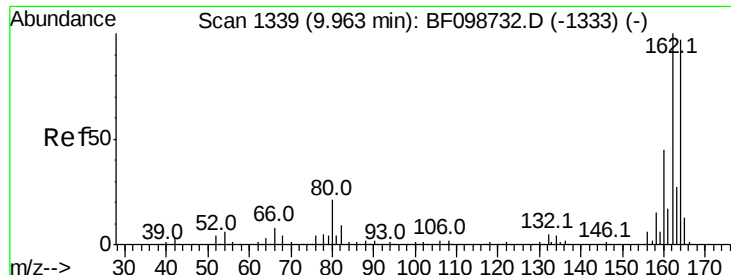
#23
Nitrobenzene-d5
Concen: 44.475 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	49.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





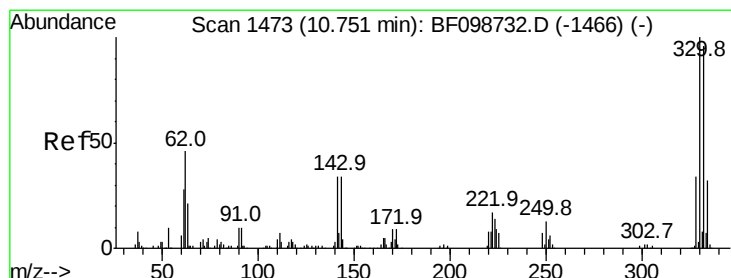
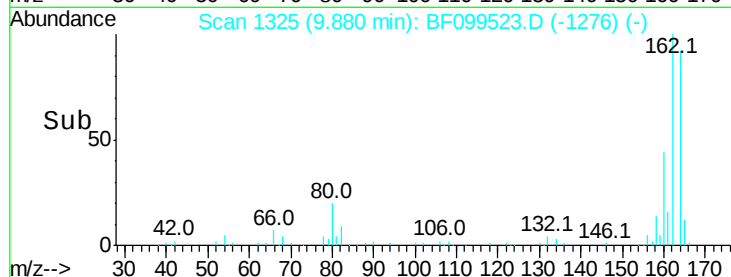
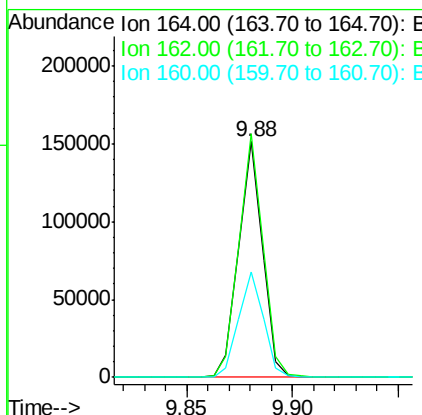
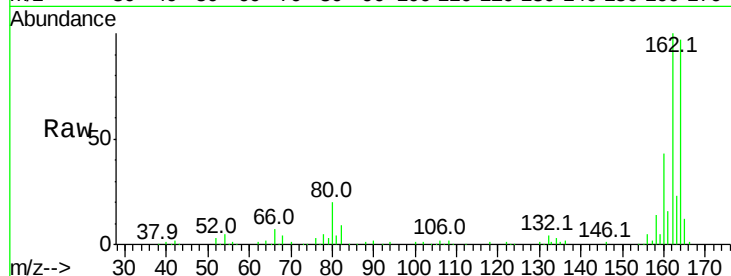
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	44.8	38.3	57.5	

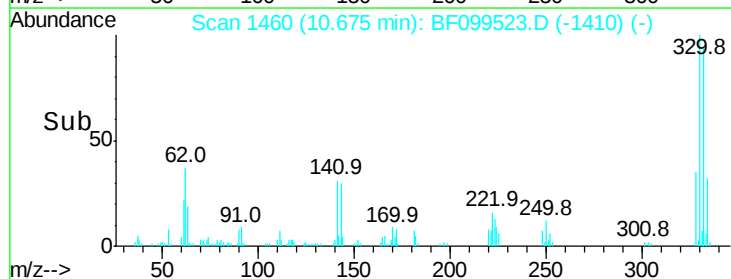
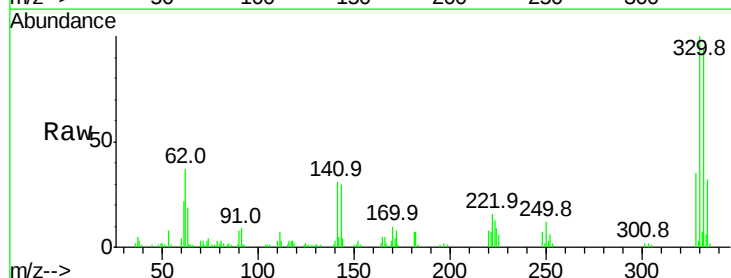
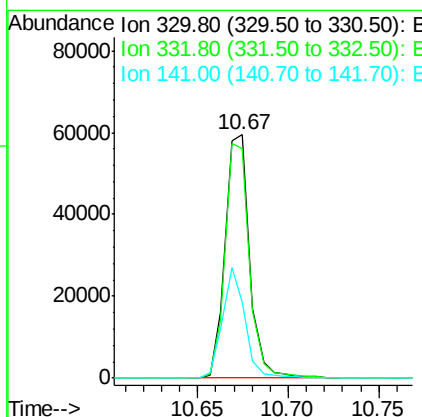
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#41
2,4,6-Tribromophenol
Concen: 58.014 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	41.2	29.9	44.9	





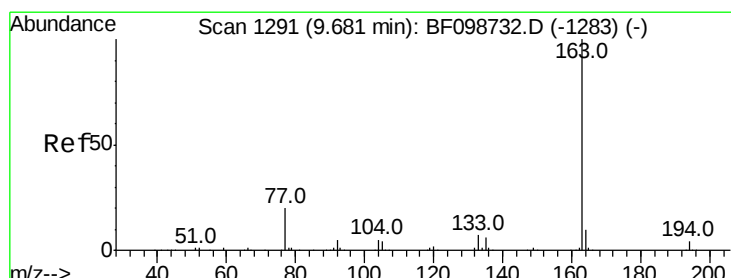
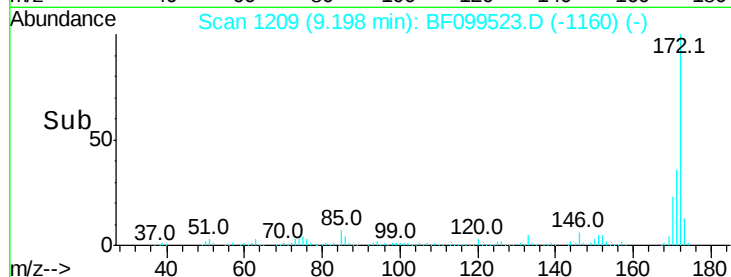
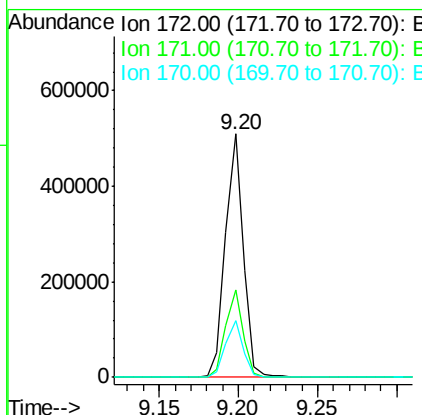
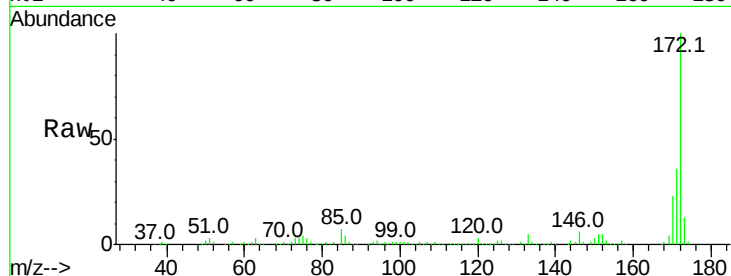
#44
2-Fluorobiphenyl
Concen: 56.407 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	398781		
171	35.7		29.7	44.5
170	23.3		19.6	29.4

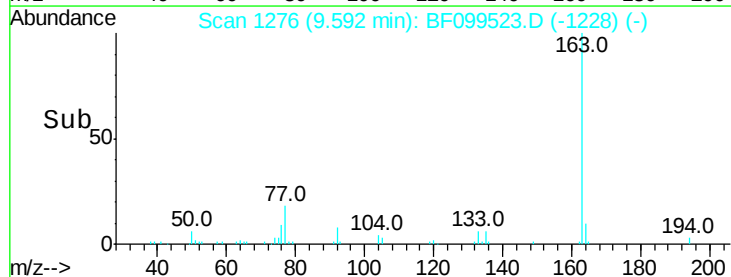
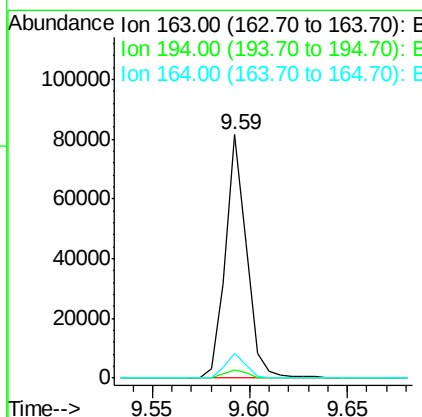
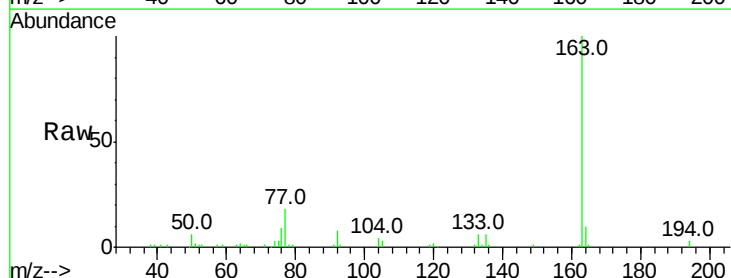
Manual Integrations
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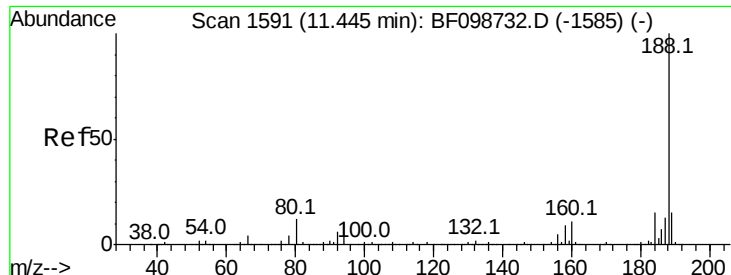
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#49
Dimethylphthalate
Concen: 6.905 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	61508		
194	3.3		2.7	4.1
164	10.1		8.2	12.2





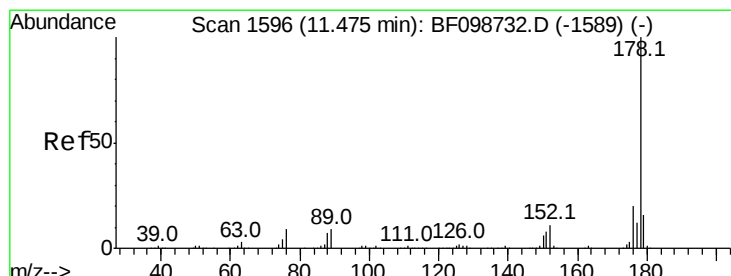
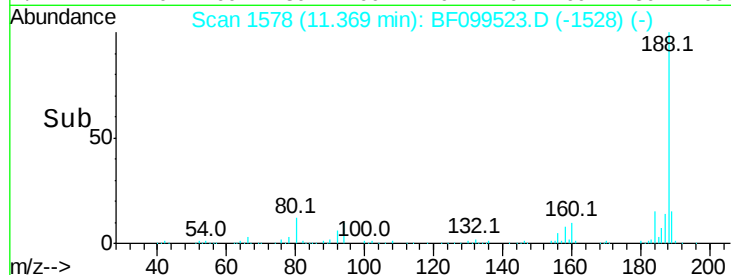
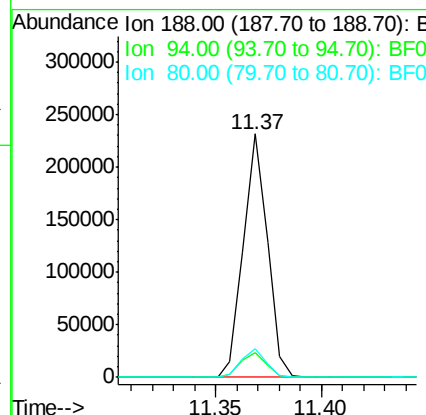
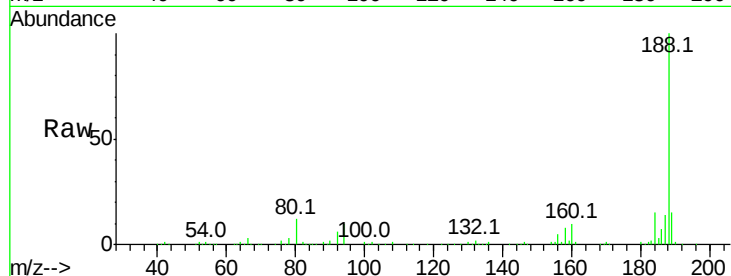
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	182763		
94	10.4	8.5	12.7	
80	11.7	9.2	13.8	

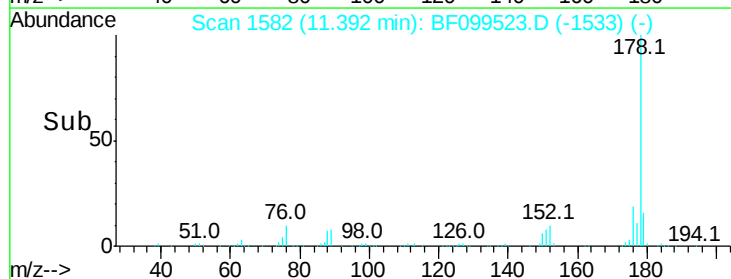
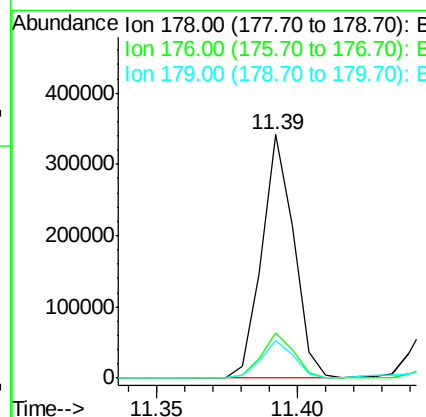
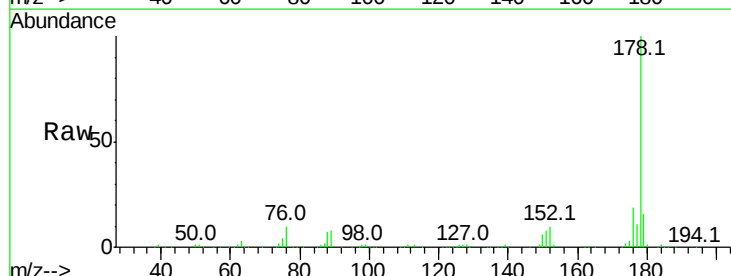
Manual Integrations
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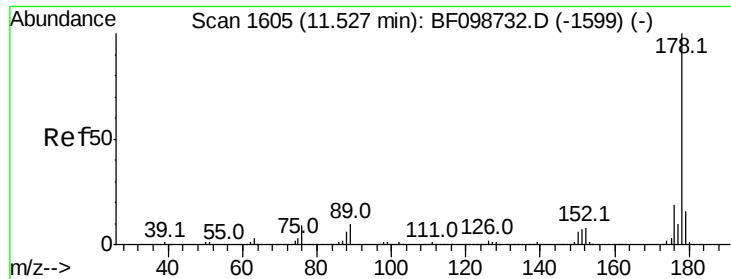
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#70
Phenanthrene
Concen: 27.482 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	268852		
176	18.5	15.8	23.8	
179	15.5	13.0	19.6	





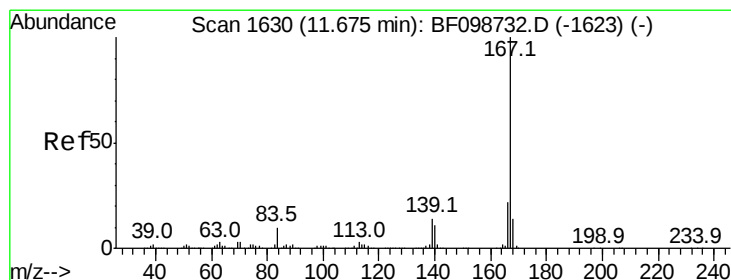
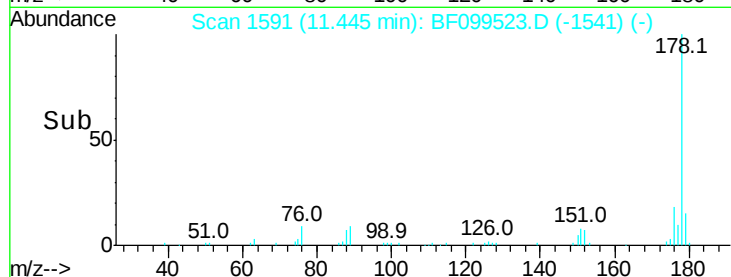
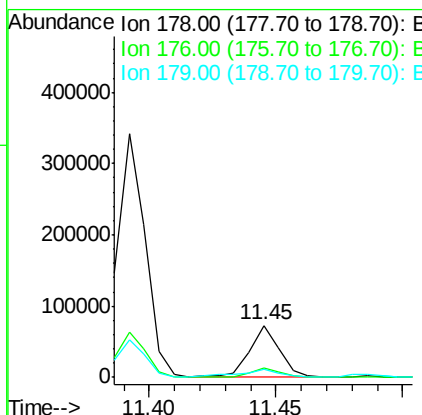
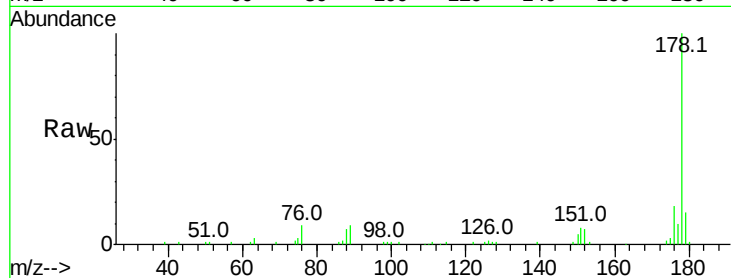
#71
 Anthracene
 Concen: 5.771 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF099523.D
 Acq: 15 Oct 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-5A-2-BGS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.8	12.6	19.0

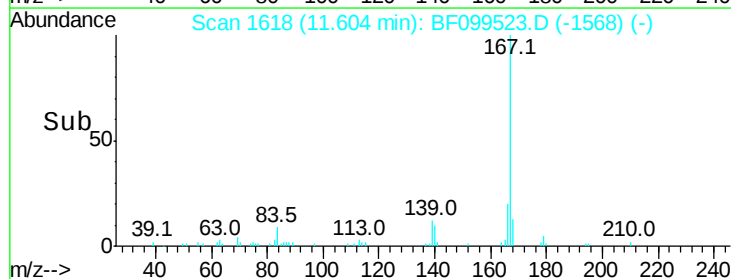
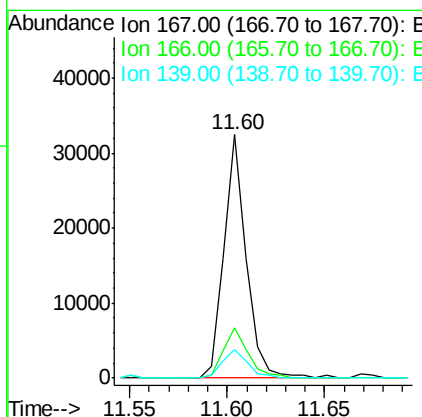
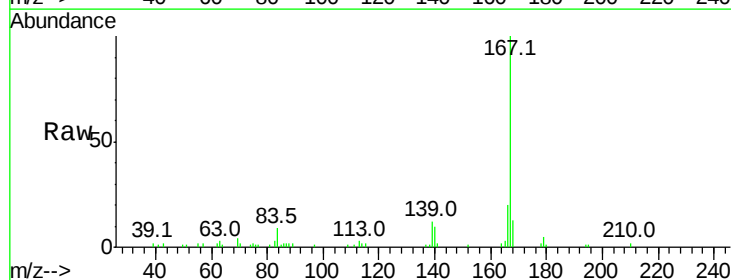
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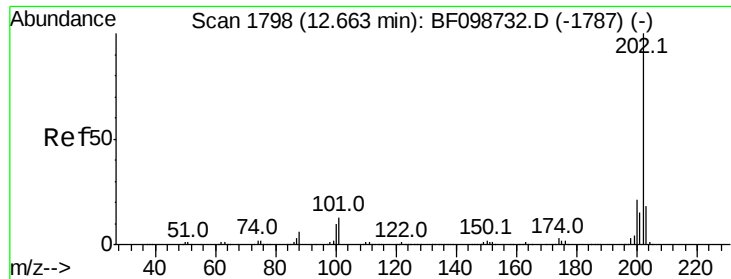
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#72
 Carbazole
 Concen: 2.621 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099523.D
 Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.6	26.4
139	11.5	10.9	16.3





#74

Fluoranthene

Concen: 39.164 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Instrument :

BNA_F

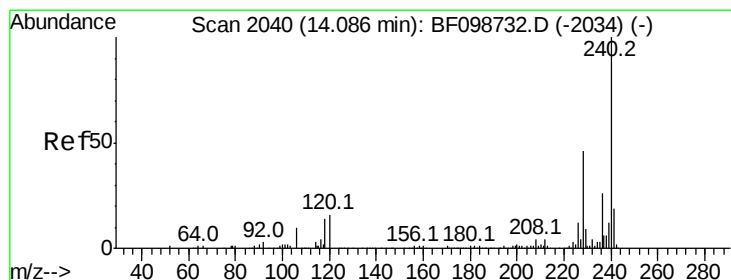
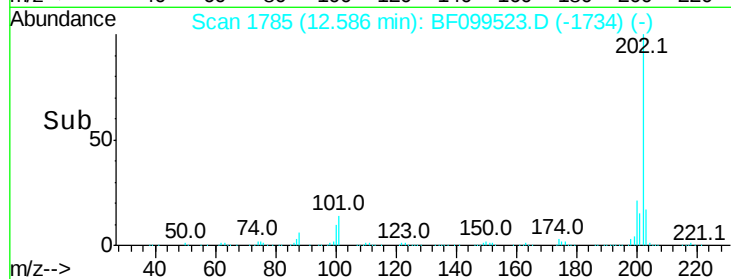
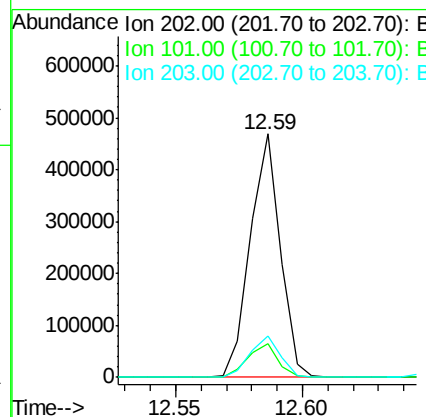
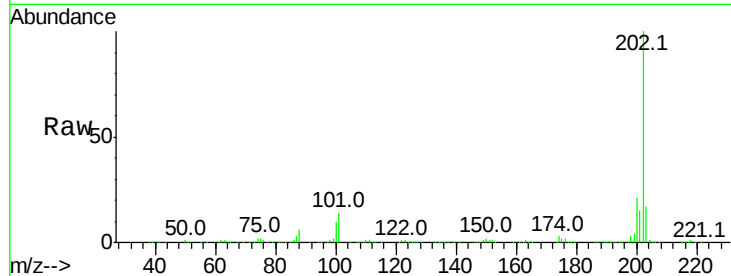
ClientSampleId :

WPSB-5A-2-BGS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

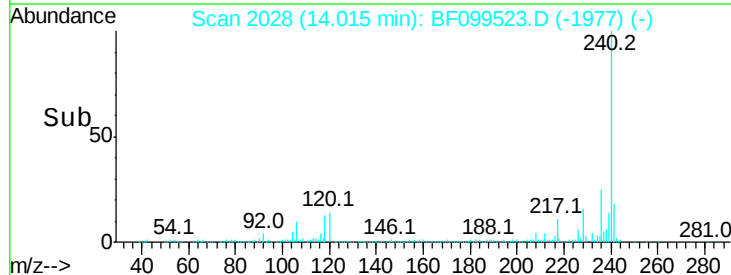
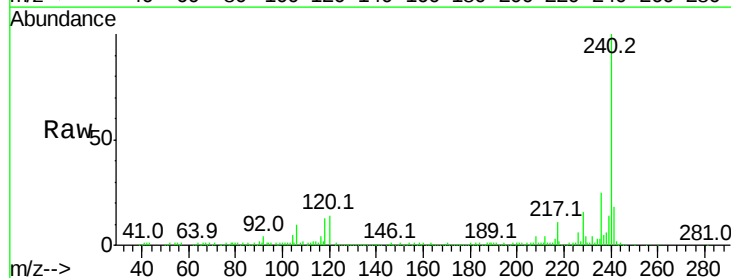
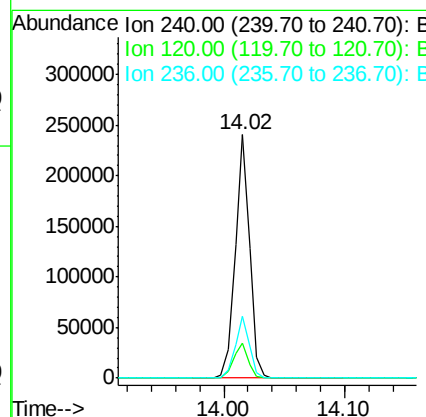
RT: 14.02 min Scan# 2028

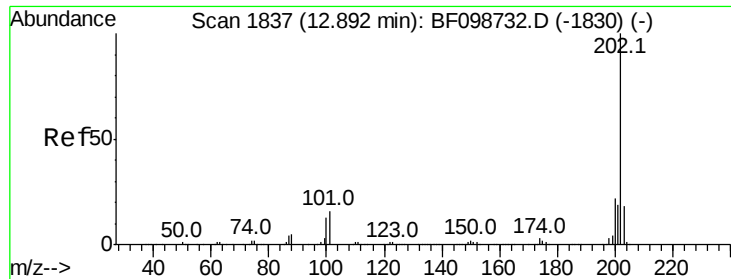
Delta R.T. 0.00 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.4	20.7	31.1





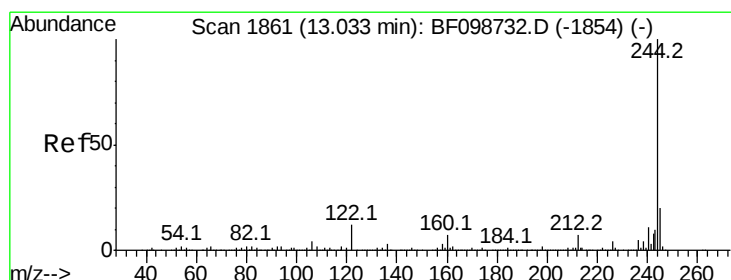
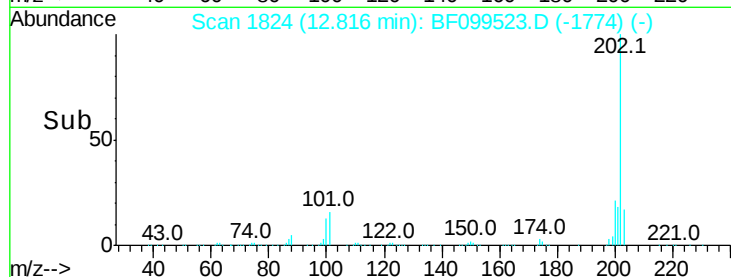
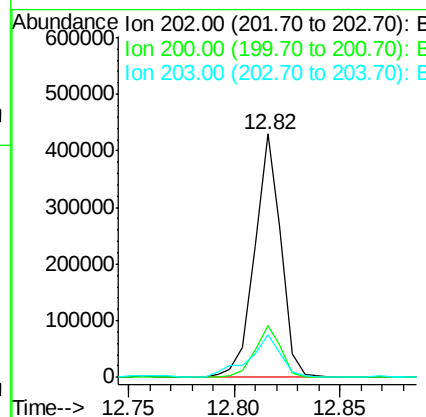
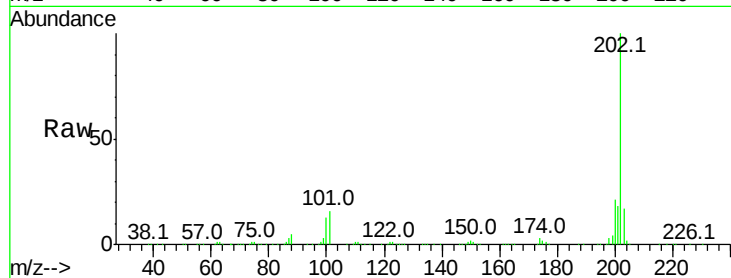
#77
Pvrene
Concen: 24.444 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5

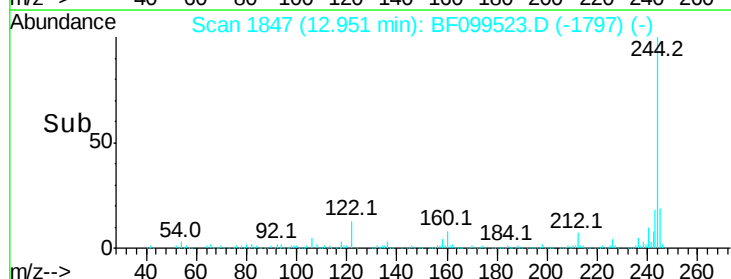
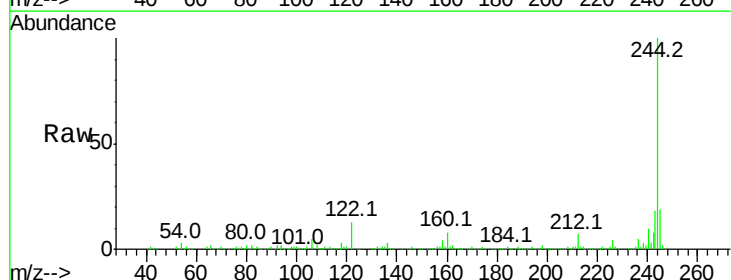
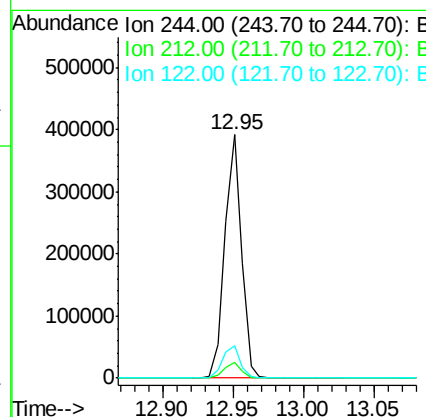
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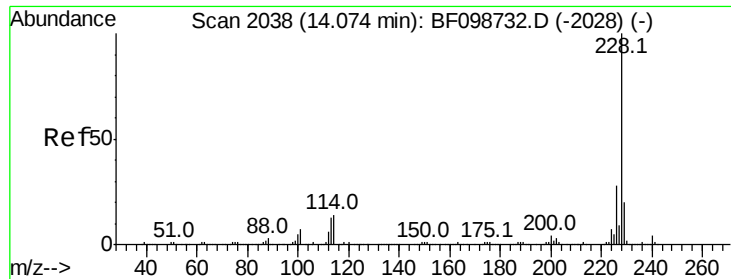
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#78
Terphenyl-d14
Concen: 36.931 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.5	11.0	16.4





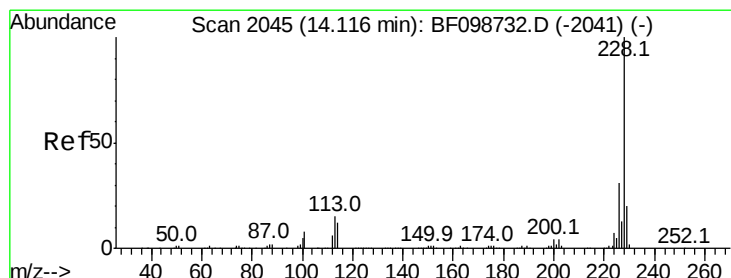
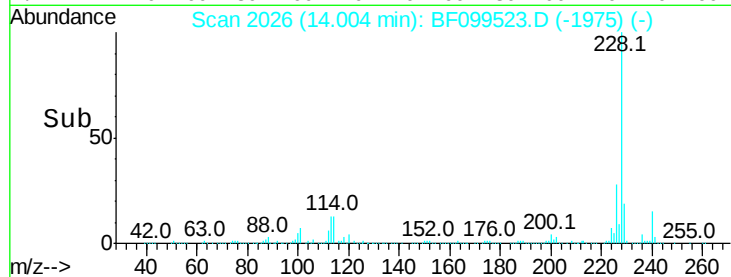
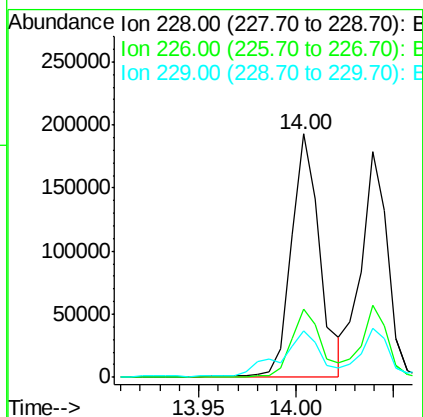
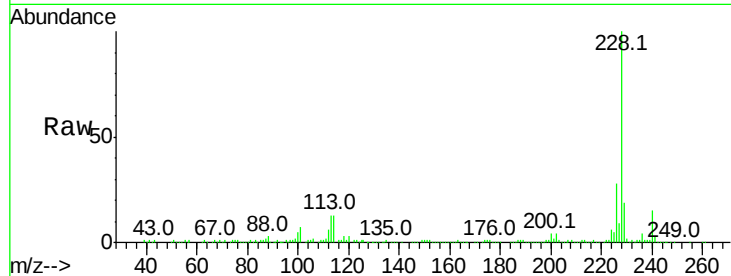
#80
Benzo(a)anthracene
Concen: 16.272 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.3	15.8	23.6

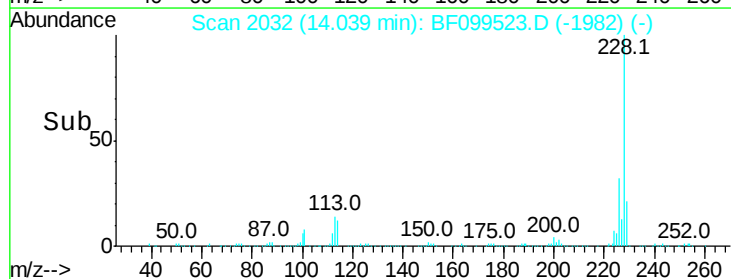
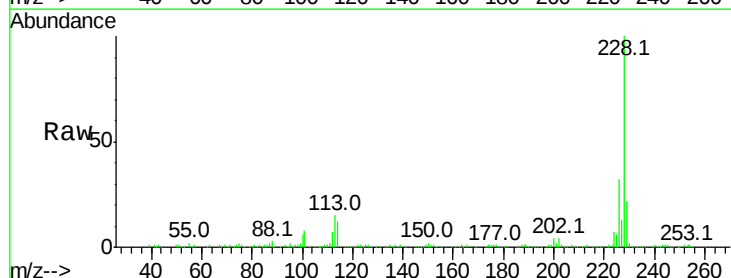
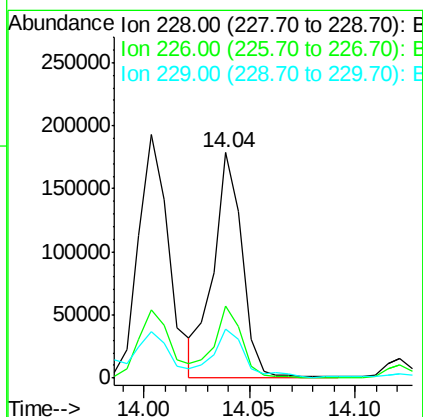
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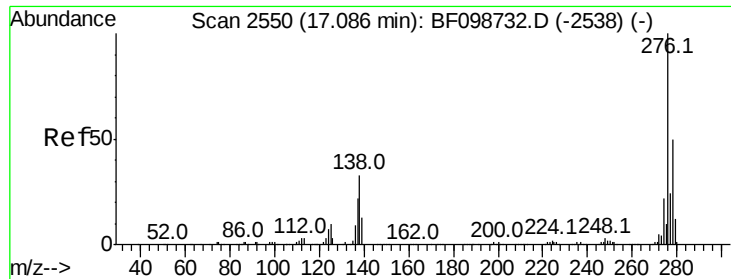
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#82
Chrysene
Concen: 14.778 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.7	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.616 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Instrument :

BNA_F

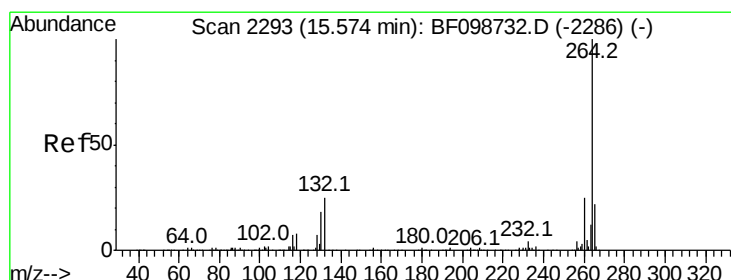
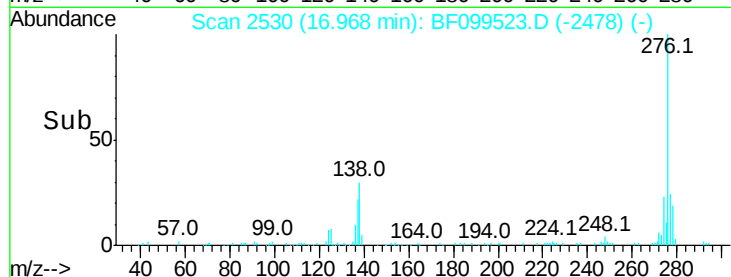
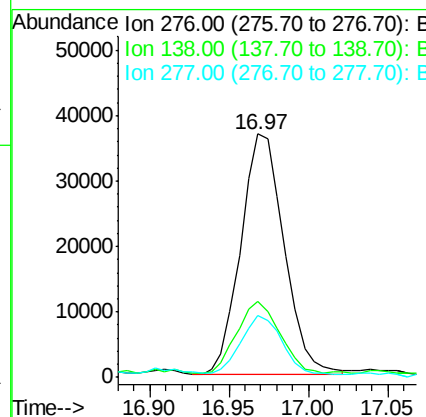
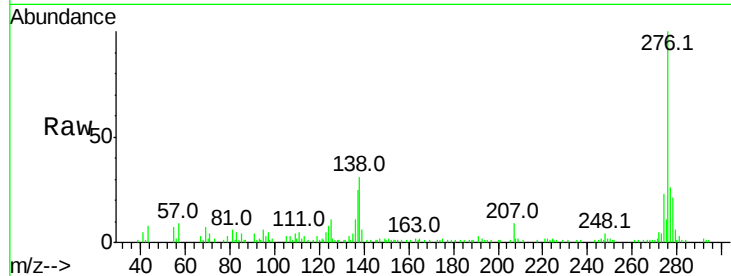
ClientSampleId :

WPSB-5A-2-BGS

Tot Ion:	276	Resp:	69665
Ion Ratio	Lower	Upper	
276	100		
138	30.5	25.0	37.6
277	23.5	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

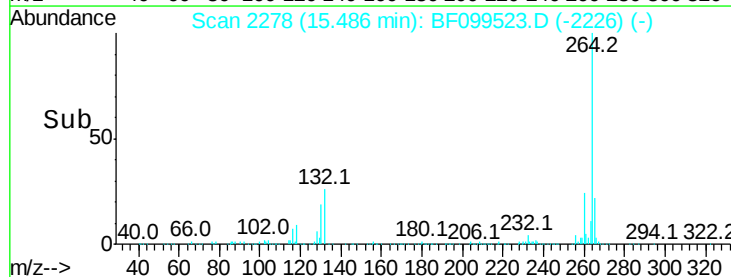
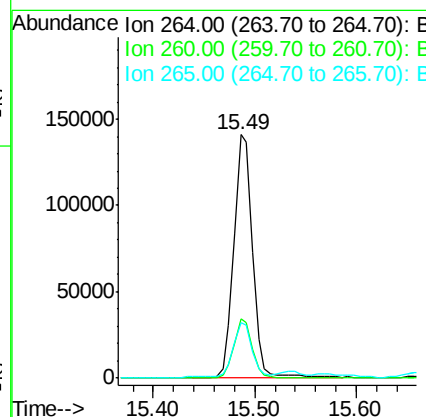
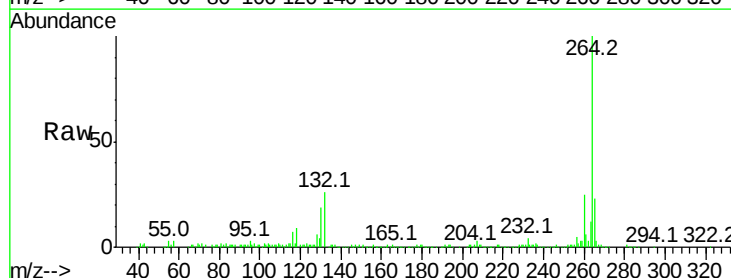
RT: 15.49 min Scan# 2278

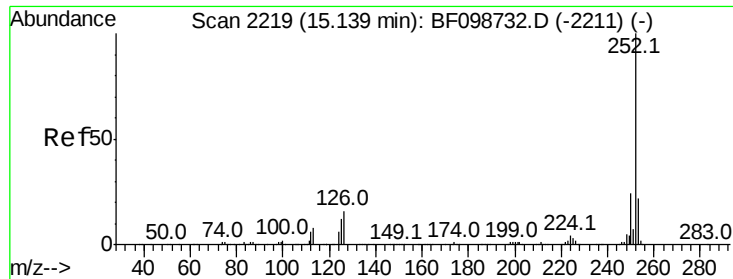
Delta R.T. 0.01 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Tgt Ion:	264	Resp:	181988
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 18.220 ng m

RT: 15.06 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

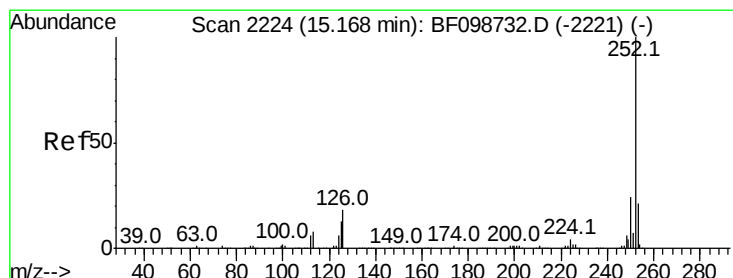
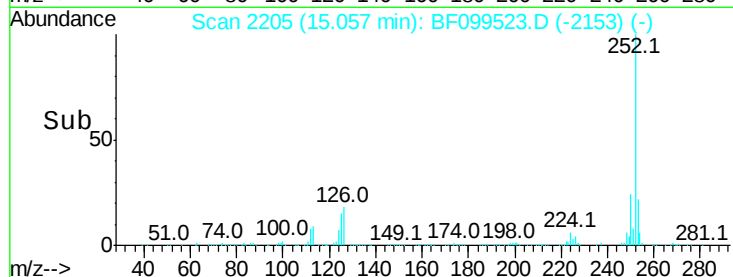
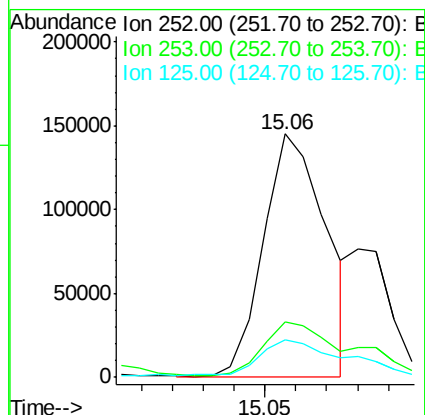
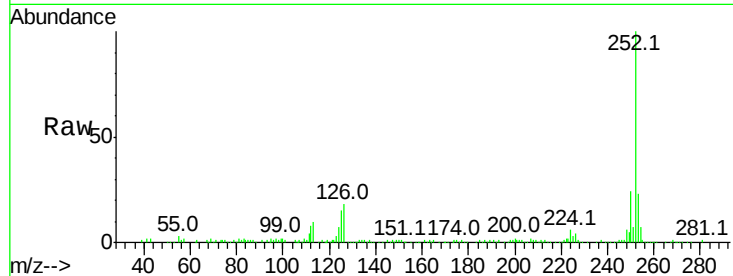
Instrument :
BNA_F

ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	203875		
253	22.6		17.0	25.6
125	15.5		9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 6.287 ng m

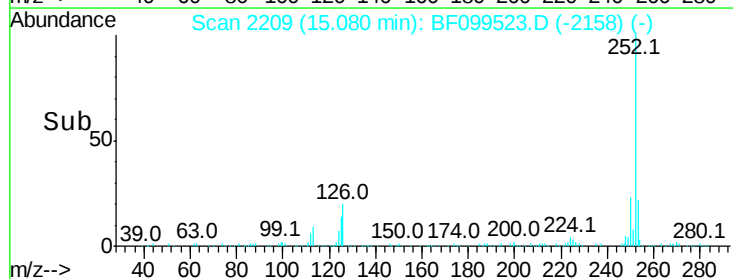
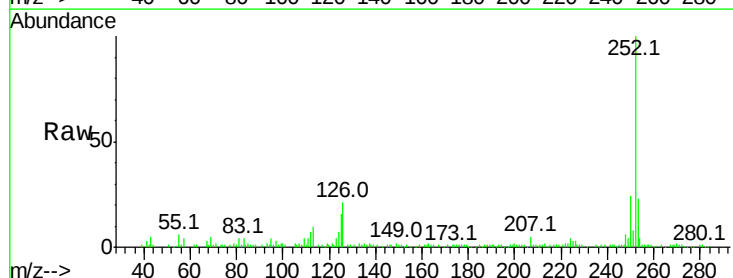
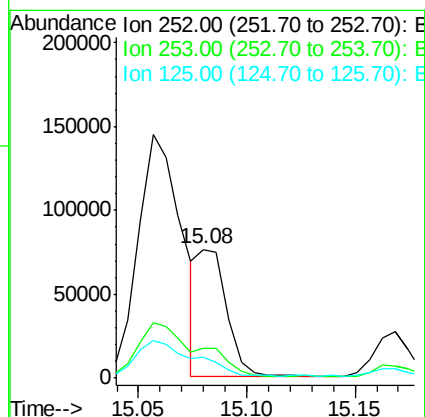
RT: 15.08 min Scan# 2209

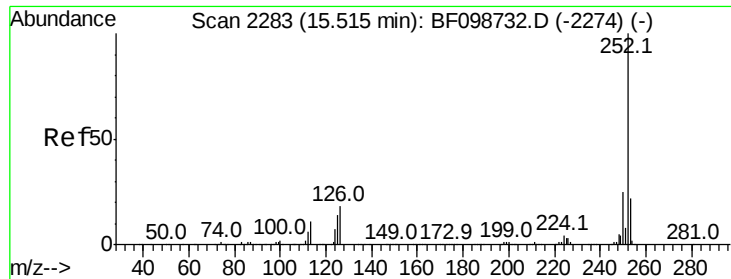
Delta R.T. 0.00 min

Lab File: BF099523.D

Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	69485		
253	22.9		17.9	26.9
125	15.9		10.2	15.2#





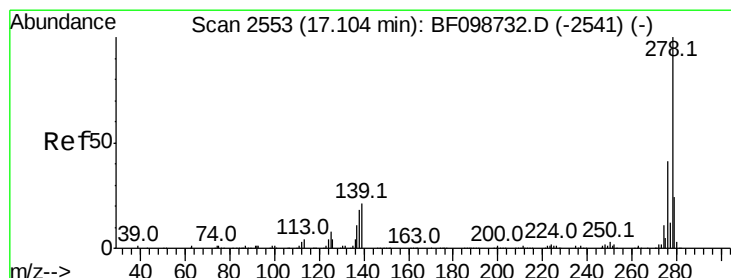
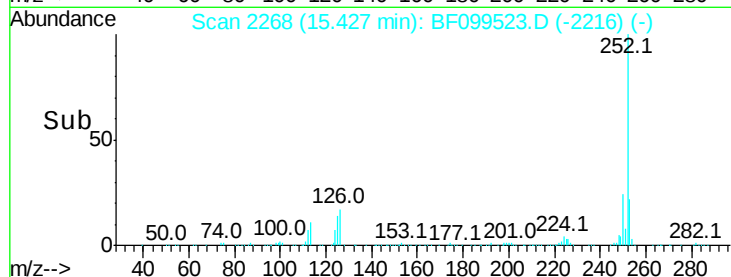
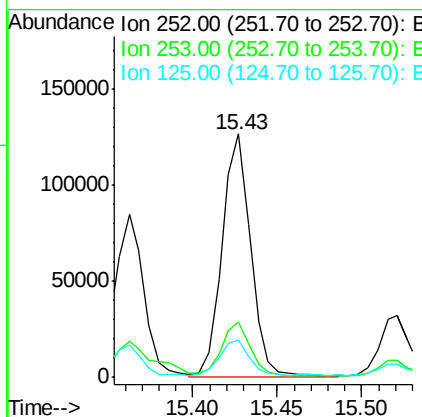
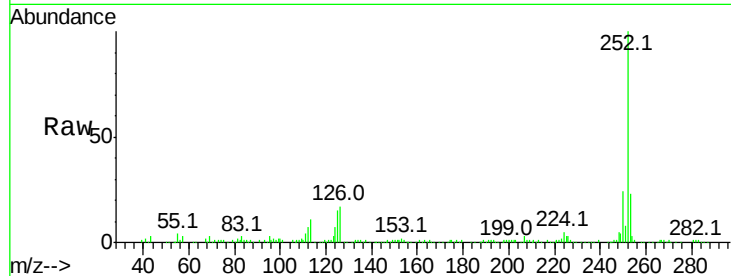
#89
Benzo(a)pyrene
Concen: 14.376 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Instrument :
BNA_F
ClientSampleId :
WPSB-5A-2-BGS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	15.2	9.8	14.6

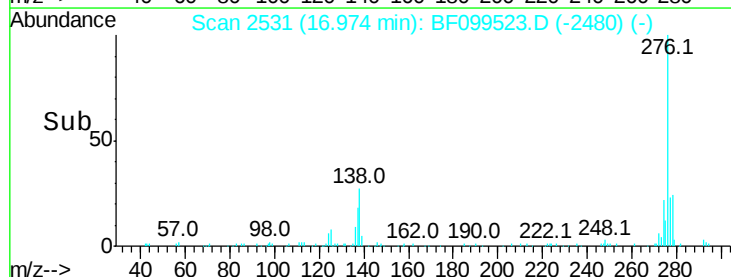
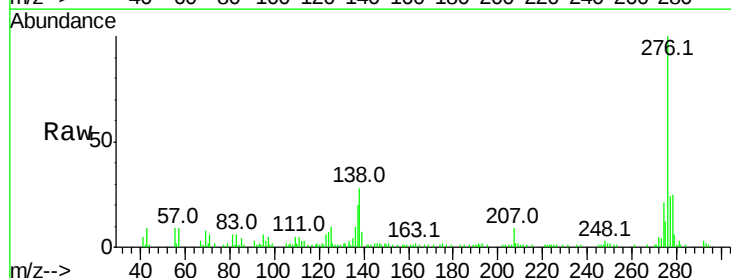
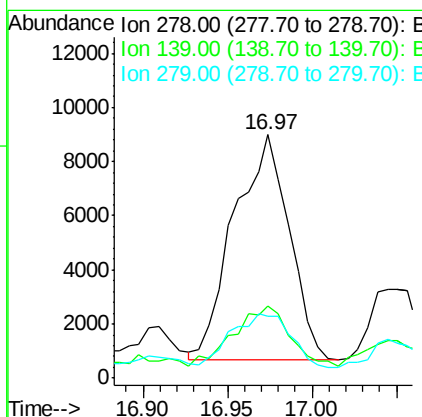
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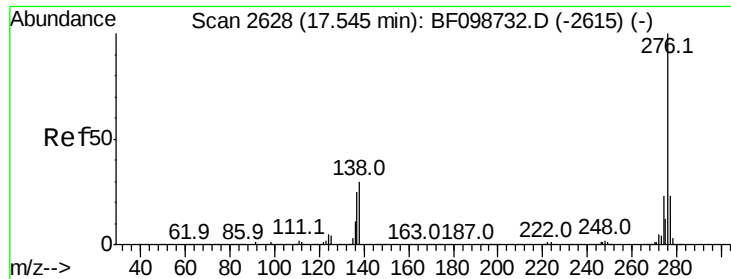
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#90
Dibenzo(a,h)anthracene
Concen: 2.289 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF099523.D
Acq: 15 Oct 2017 19:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.5	15.9	23.9
279	25.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 8.409 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF099523.D
 Acq: 15 Oct 2017 19:43

Instrument :
 BNA_F
 ClientSampleId :
 WPSB-5A-2-BGS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	29.8	21.8	32.8

Manual Integrations
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