

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100173.D
 Acq On : 4 Nov 2017 12:55
 Operator : SJ/JU
 Sample : I6189-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEONIA-GEN

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:26:03 PM

Quant Time: Nov 06 00:53:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90053	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	375841	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	178744	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	329464	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	204149	20.00	ng	-0.01
86) Perylene-d12	15.40	264	154721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	609323	106.23	ng	0.00
7) Phenol-d6	6.42	99	737072	108.37	ng	-0.01
23) Nitrobenzene-d5	7.33	82	408122	69.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	176729	108.49	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	828811	71.54	ng	-0.01
78) Terphenyl-d14	12.87	244	724200	77.52	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	34510	4.621	ng	Qvalue # 77
49) Dimethylphthalate	9.52	163	59587	4.210	ng	100
70) Phenanthrene	11.32	178	47553	2.558	ng	99
74) Fluoranthene	12.51	202	122813	6.356	ng	97
77) Pyrene	12.74	202	106995	6.893	ng	98
80) Benzo(a)anthracene	13.93	228	41166	3.181	ng	95
82) Chrysene	13.97	228	43555	3.580	ng	97
87) Benzo(b)fluoranthene	14.99	252	42569m	4.357	ng	
89) Benzo(a)pyrene	15.34	252	28426	3.239	ng	# 91
91) Benzo(g,h,i)perylene	17.33	276	20324	2.664	ng	# 89

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

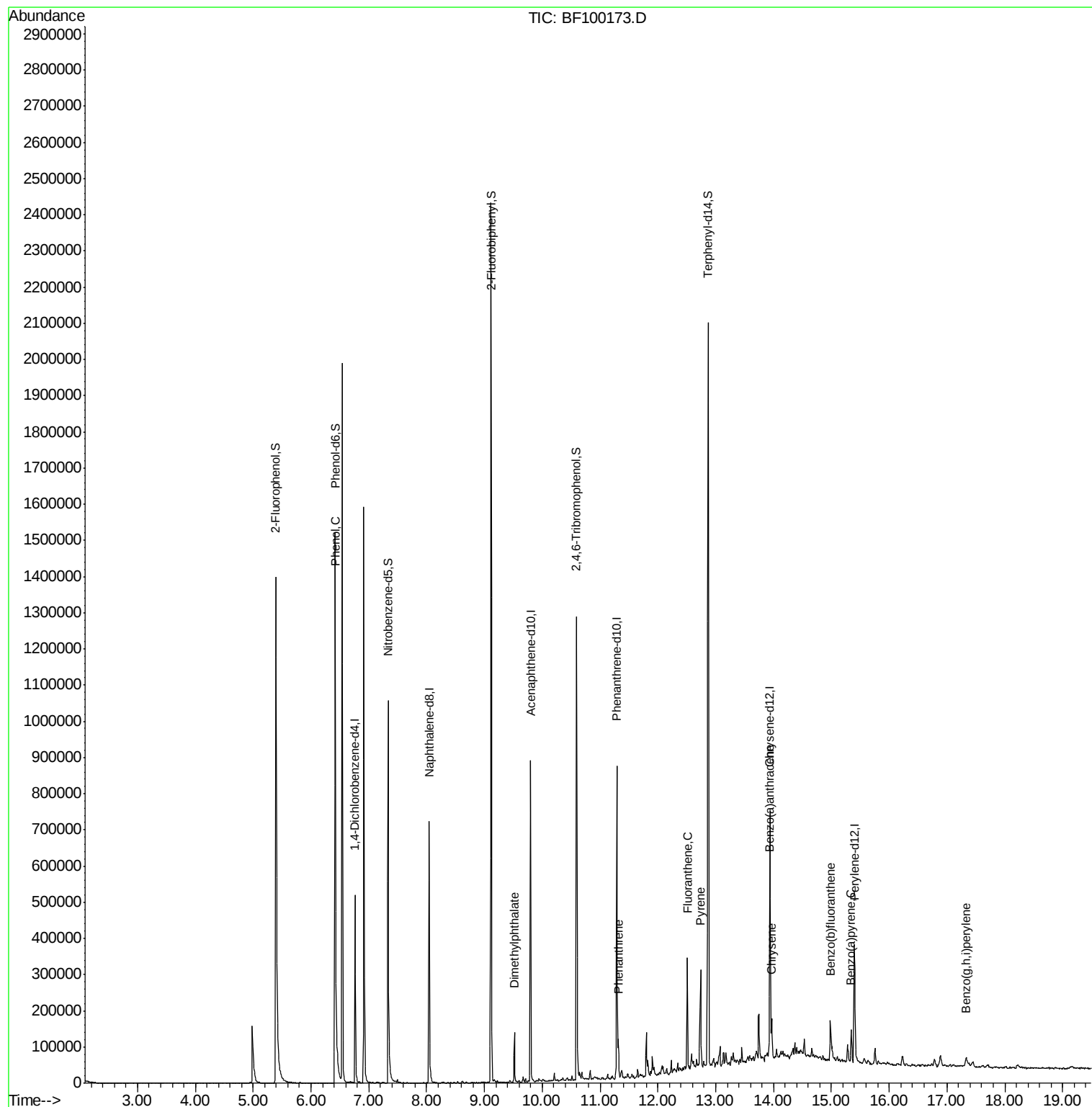
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100173.D
Acq On : 4 Nov 2017 12:55
Operator : SJ/JU
Sample : I6189-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

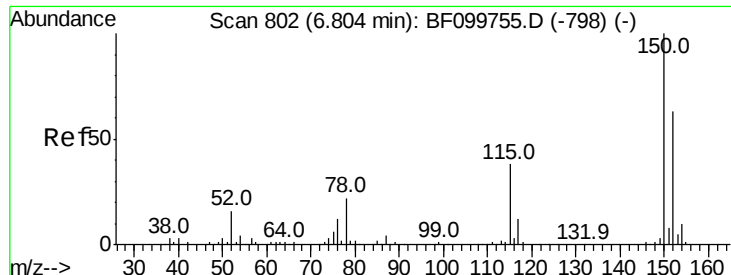
Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

Manual Integrations
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11/6/2017 2:26:03 PM

Quant Time: Nov 06 00:53:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration





#1

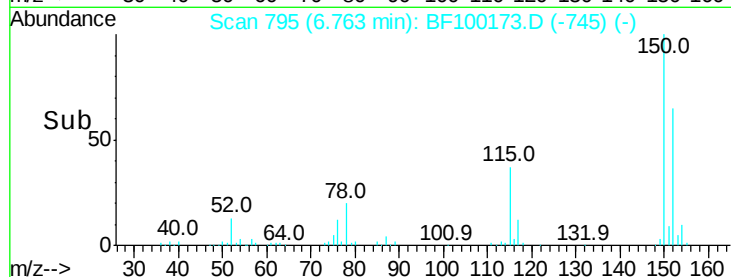
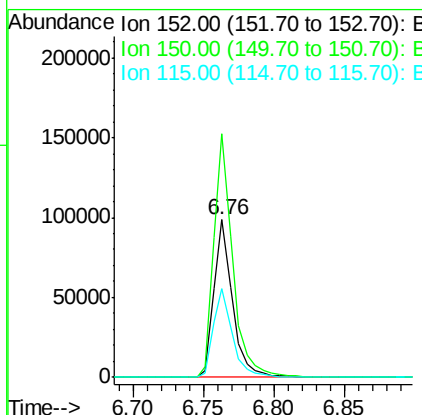
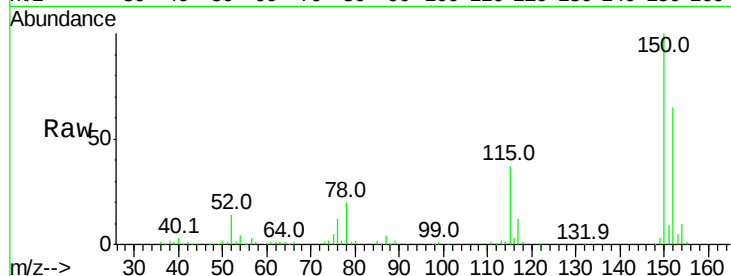
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.8	50.1	75.1

Manual Integrations
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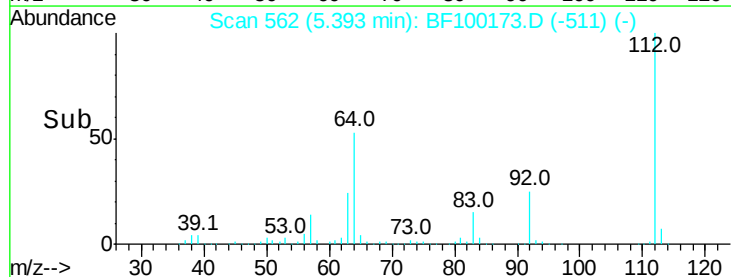
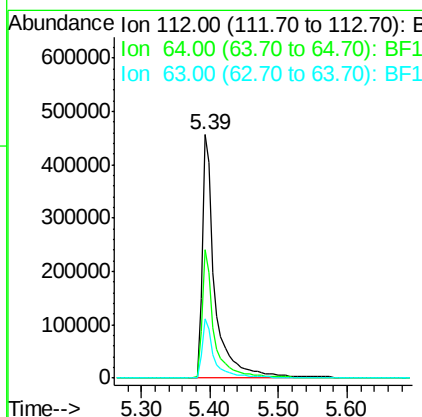
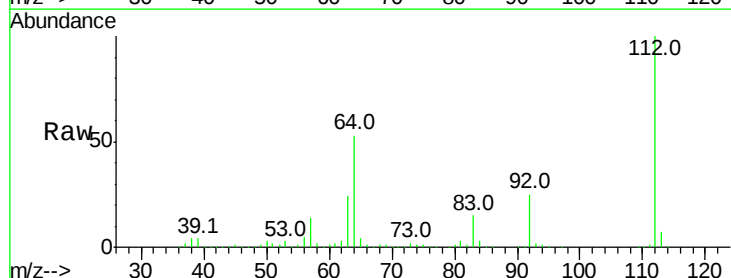
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#5

2-Fluorophenol
Concen: 106.228 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	47.9	71.9
63	24.2	23.7	35.5





#7

Phenol-d6

Concen: 108.373 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Instrument :

BNA_F

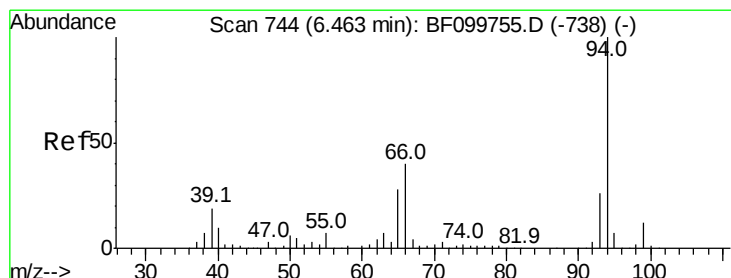
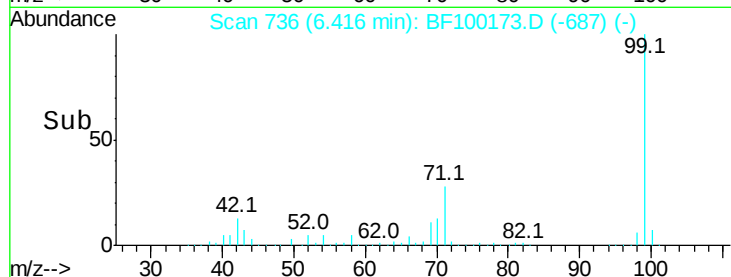
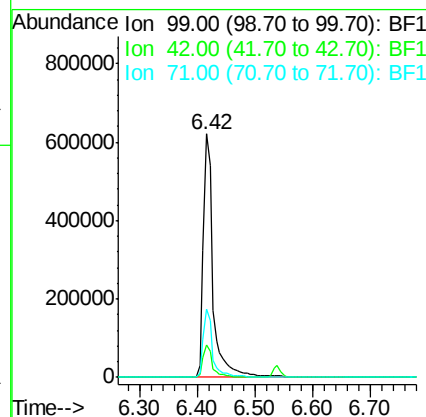
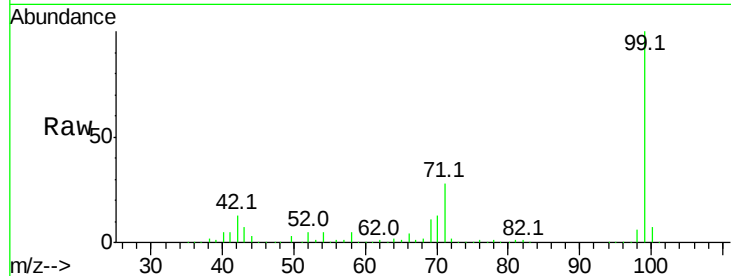
ClientSampleId :

LEONIA-GEN

Tot Ion	Ratio	Resp	Lower	Upper
99	100	737072		
42	13.4	14.5	21.7#	
71	28.2	25.4	38.0	

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#10

Phenol

Concen: 4.621 ng

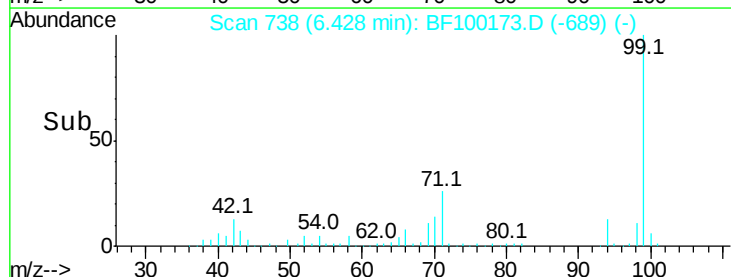
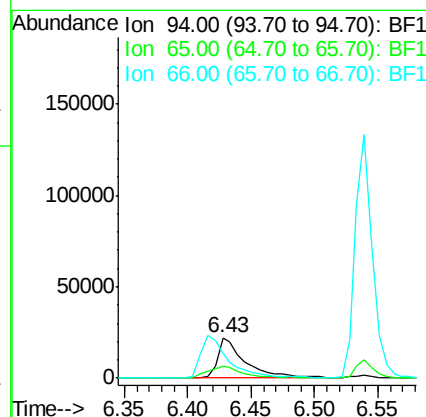
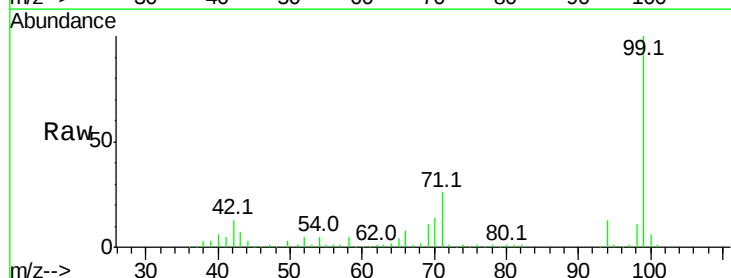
RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	34510		
65	28.9	7.9	47.9	
66	59.9	16.2	56.2#	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Instrument :

BNA_F

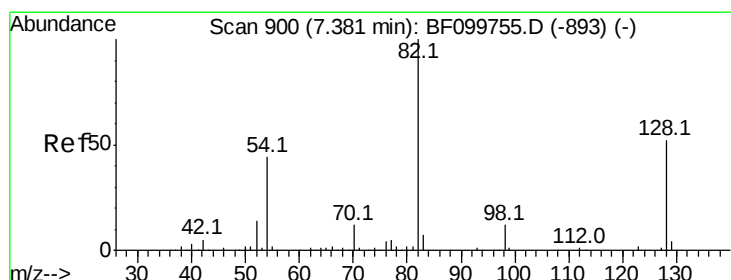
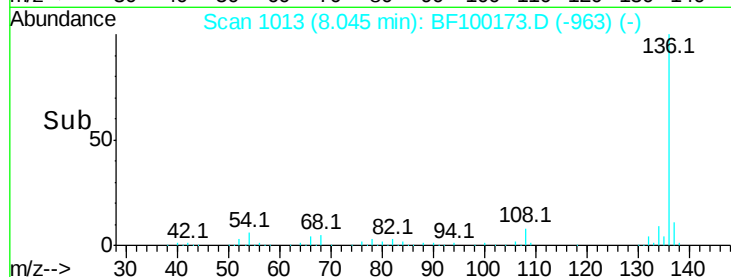
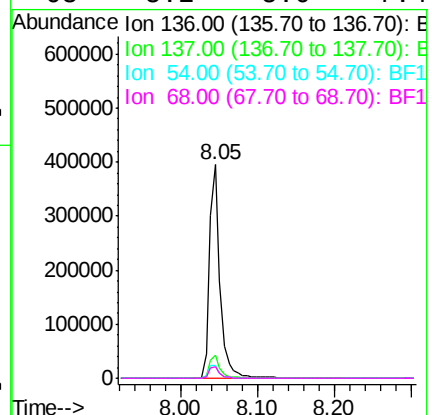
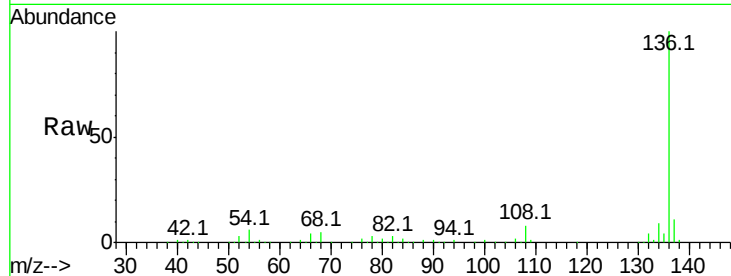
ClientSampleId :

LEONIA-GEN

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.0	6.6	9.8	
68	5.2	5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 69.910 ng

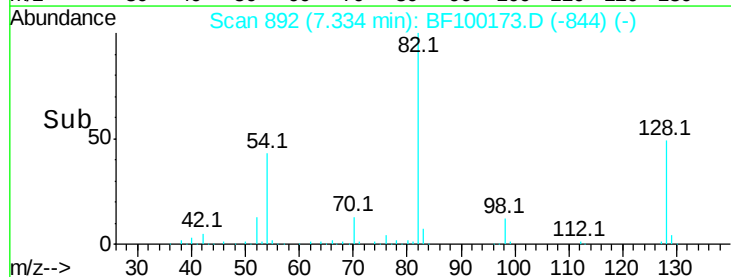
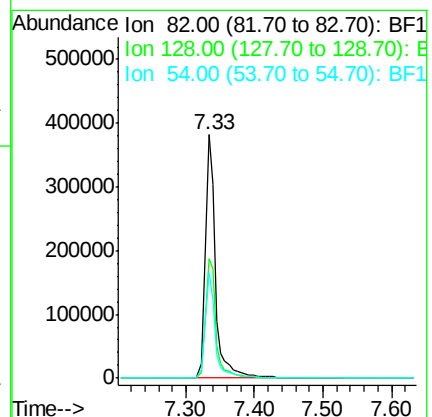
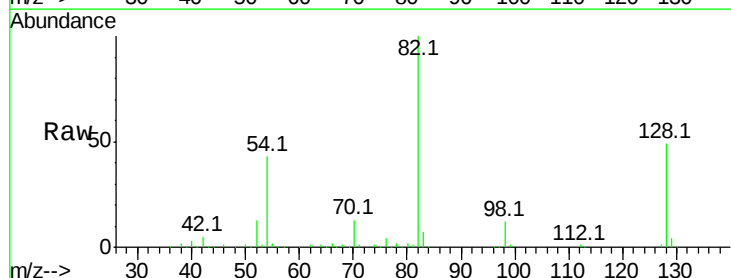
RT: 7.33 min Scan# 892

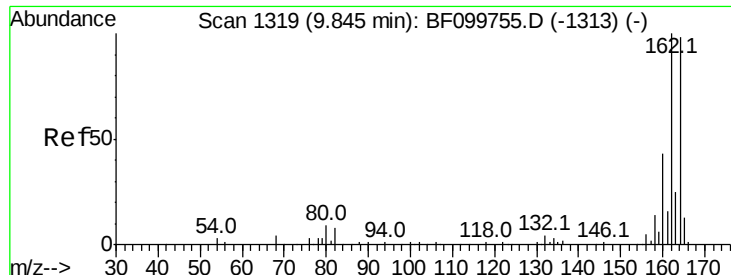
Delta R.T. -0.02 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.0	36.1	54.1	
54	43.3	41.4	62.2	





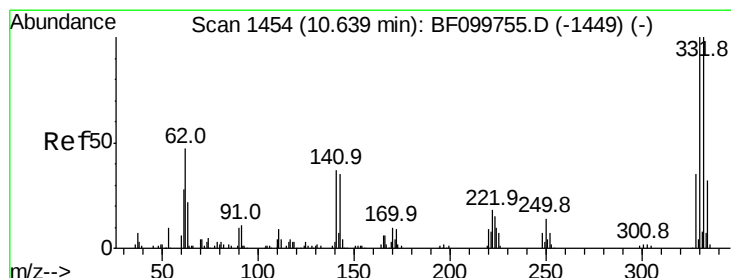
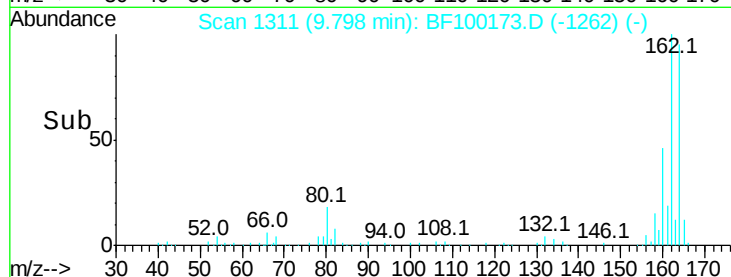
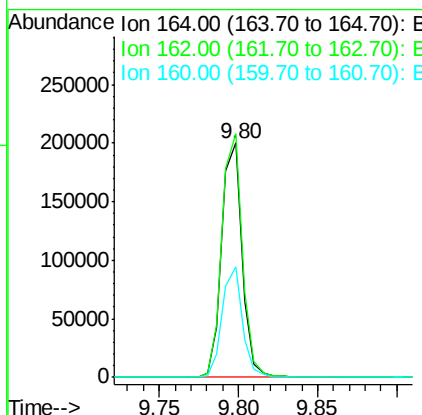
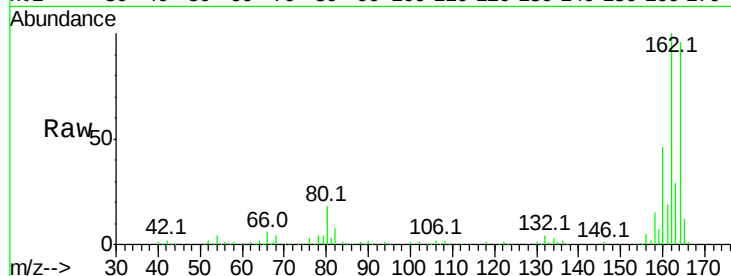
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.4	38.3	57.5

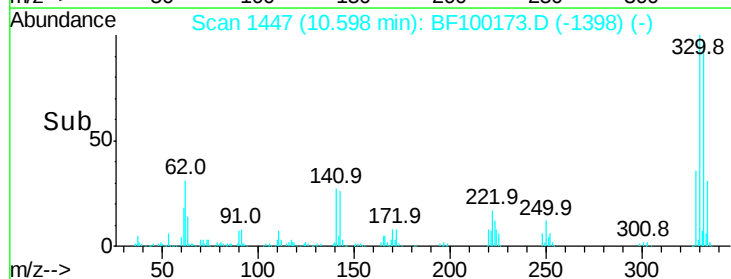
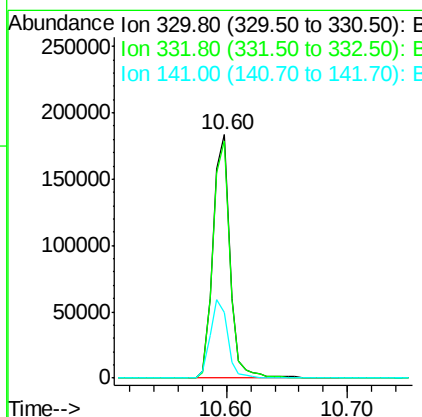
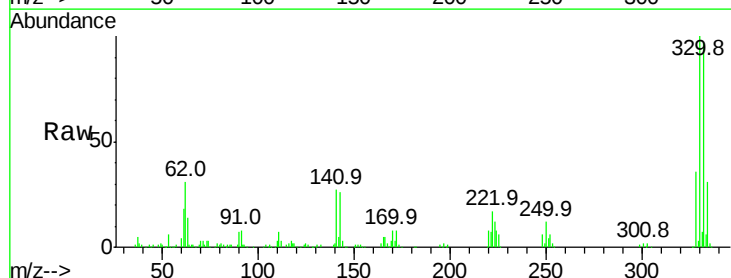
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#41
2,4,6-Tribromophenol
Concen: 108.494 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	33.6	29.9	44.9





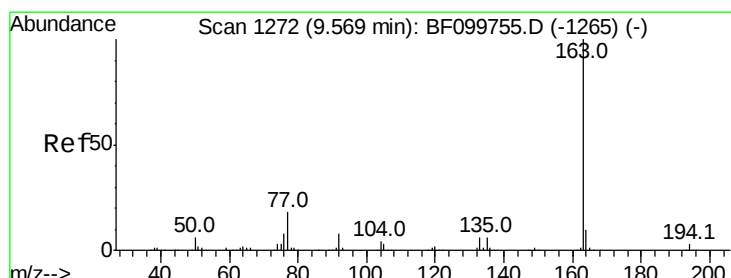
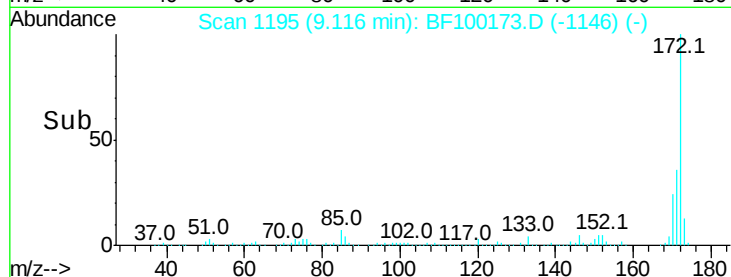
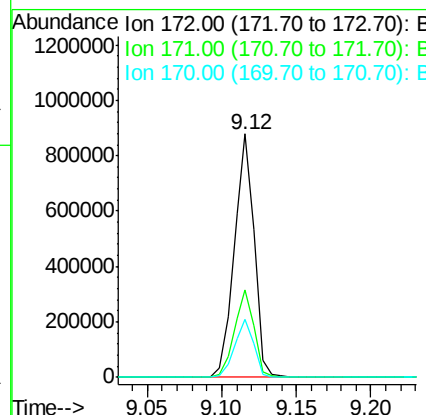
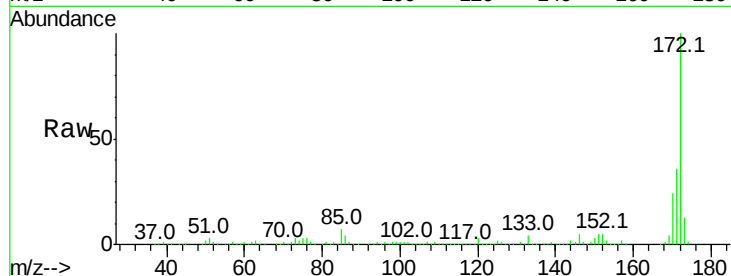
#44
2-Fluorobiphenyl
Concen: 71.539 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

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

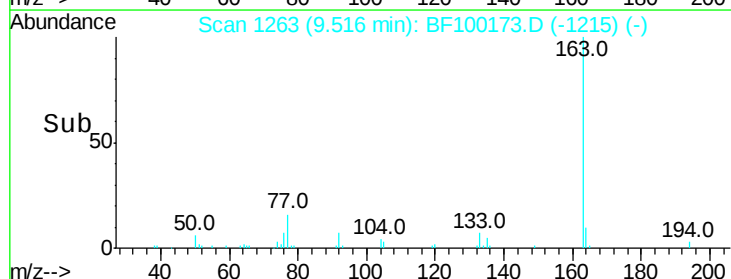
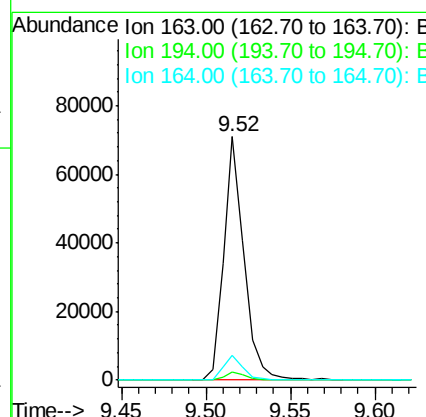
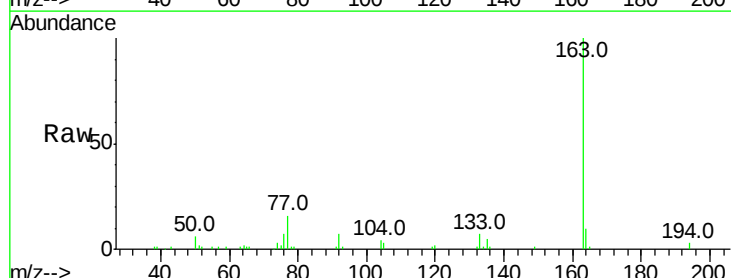
Manual Integrations
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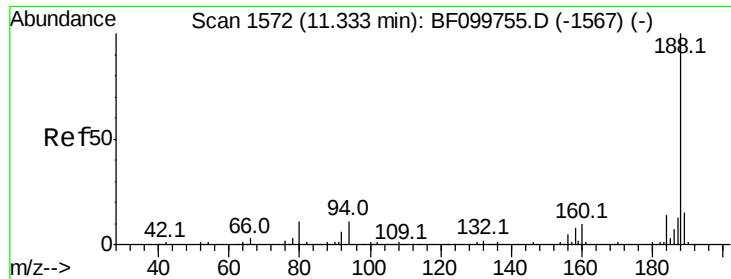
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#49
Dimethylphthalate
Concen: 4.210 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.3	8.2	12.2	





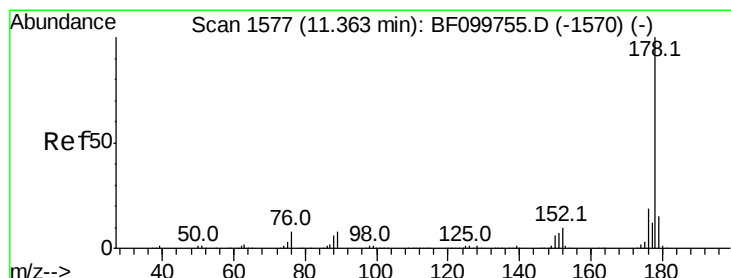
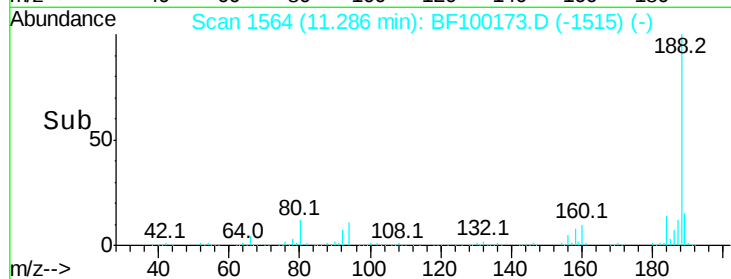
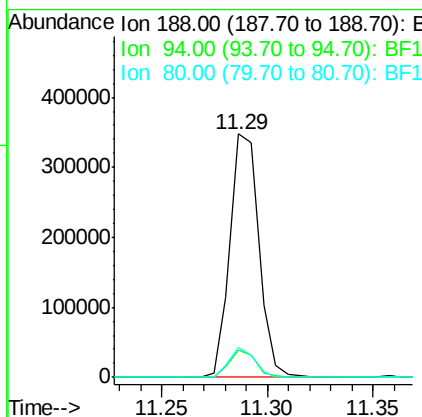
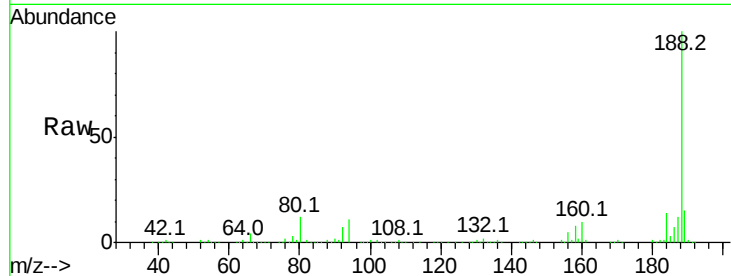
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

Tot Ion	Ratio	Resp	Lower	Upper
188	100	329464		
94	11.4		8.5	12.7
80	12.1		9.2	13.8

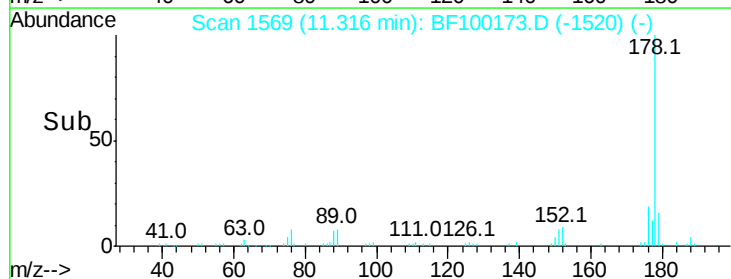
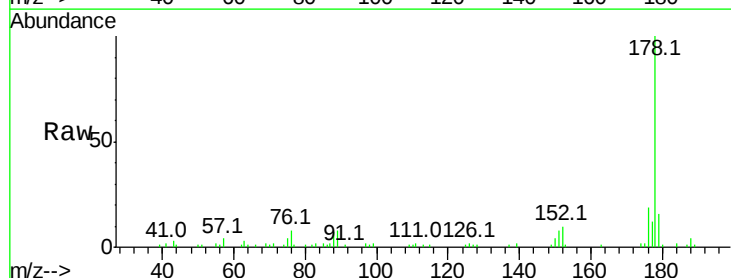
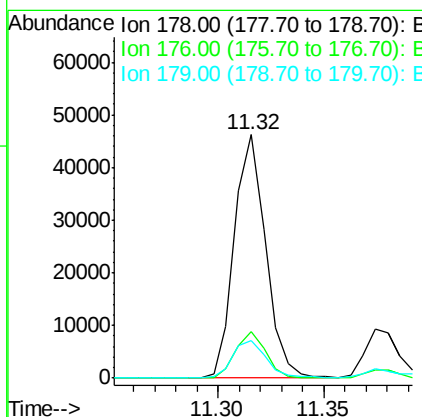
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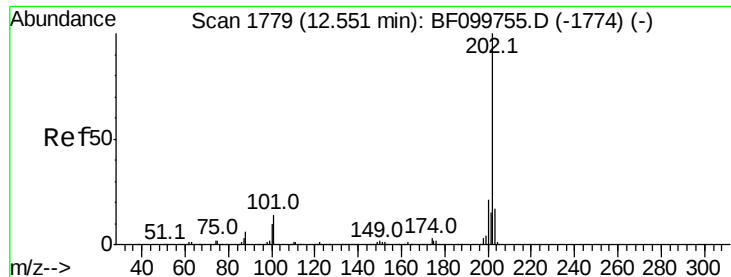
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#70
Phenanthrene
Concen: 2.558 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	47553		
176	19.3		15.8	23.8
179	15.6		13.0	19.6





#74

Fluoranthene

Concen: 6.356 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Instrument :

BNA_F

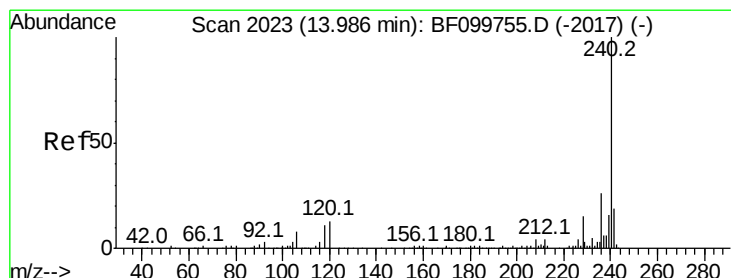
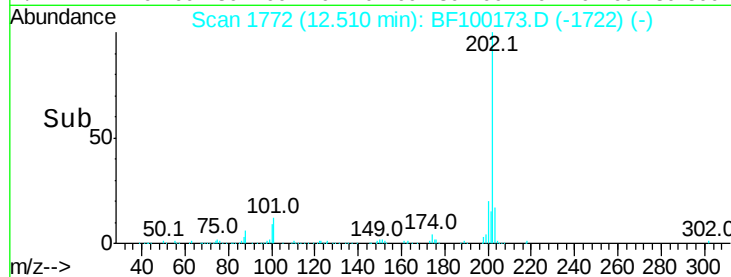
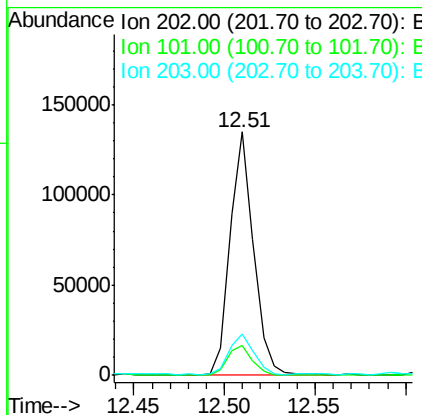
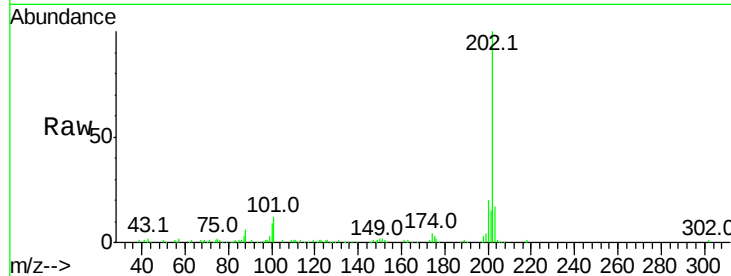
ClientSampleId :

LEONIA-GEN

Tot Ion:	202	Resp:	122813
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

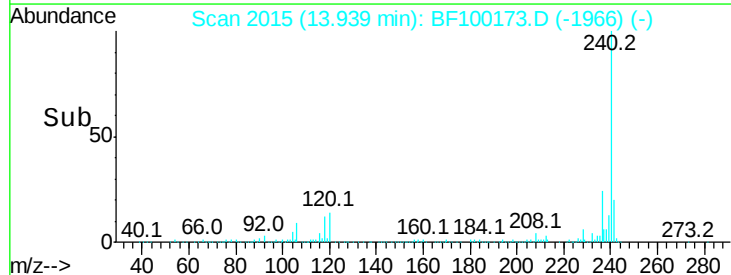
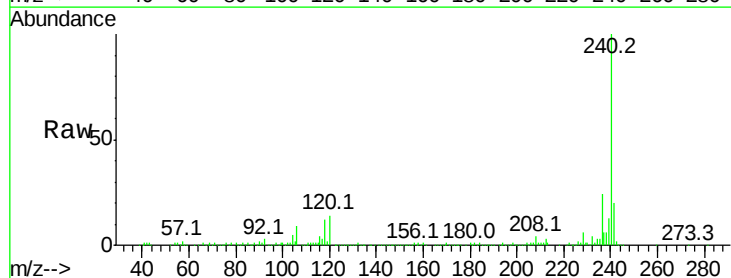
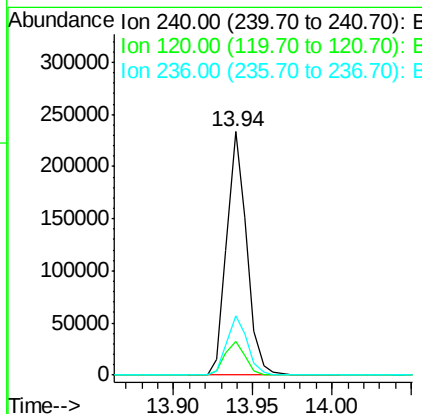
RT: 13.94 min Scan# 2015

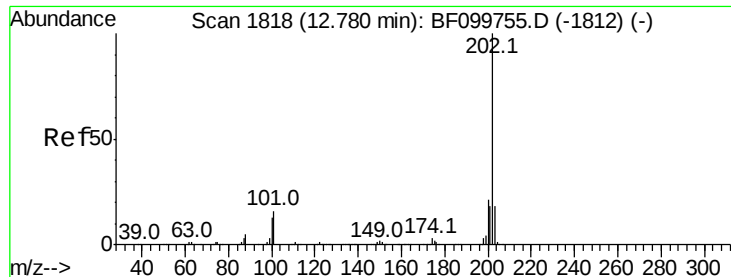
Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Tgt Ion:	240	Resp:	204149
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	24.4	20.7	31.1





#77

Pvrene

Concen: 6.893 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Instrument :

BNA_F

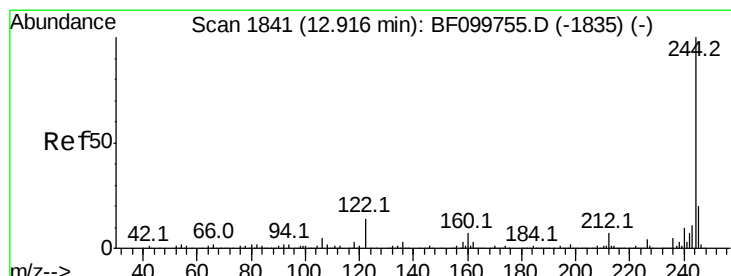
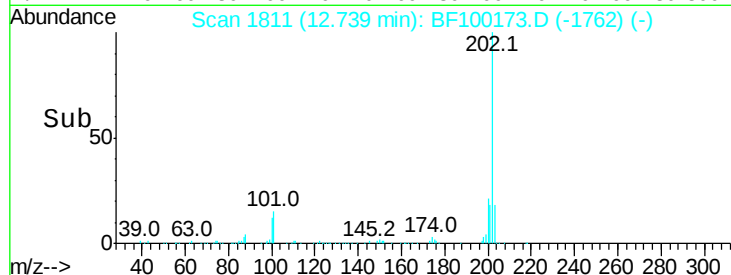
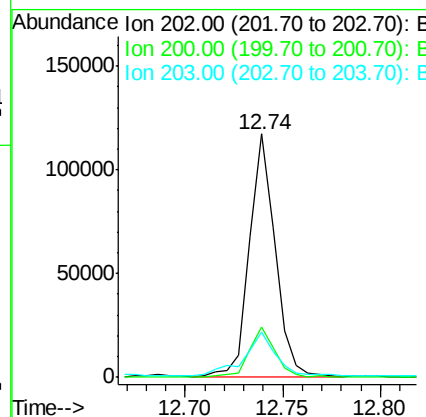
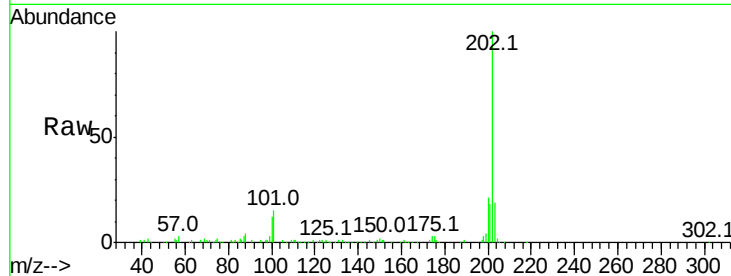
ClientSampleId :

LEONIA-GEN

Tot Ion:	202	Resp:	106995
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 77.524 ng

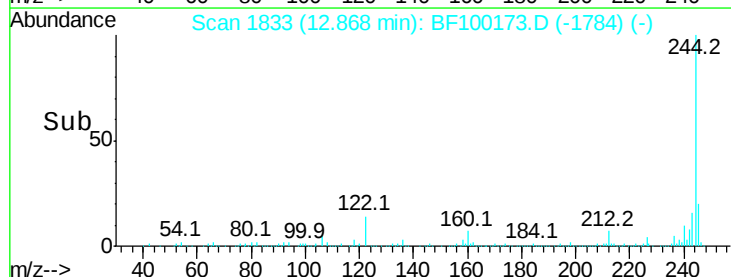
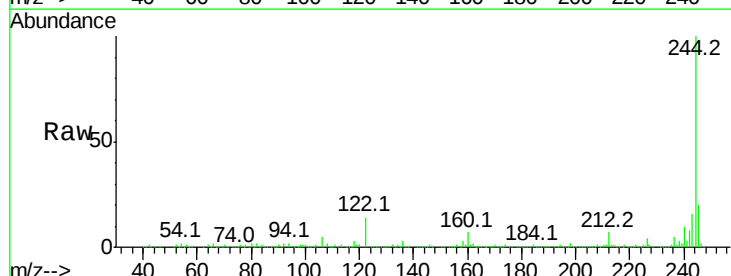
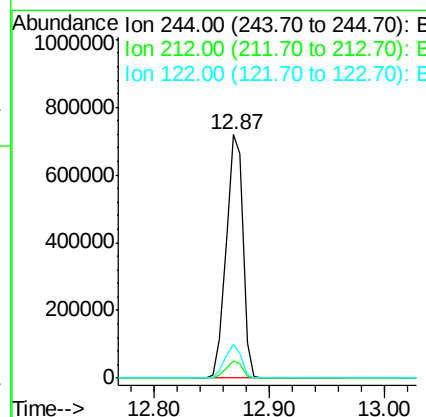
RT: 12.87 min Scan# 1833

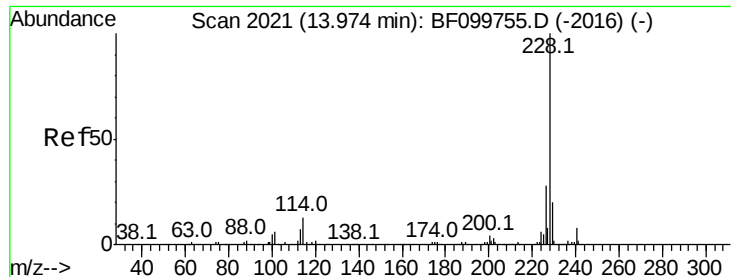
Delta R.T. -0.01 min

Lab File: BF100173.D

Acq: 4 Nov 2017 12:55

Tgt Ion:	244	Resp:	724200
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.0	11.0	16.4





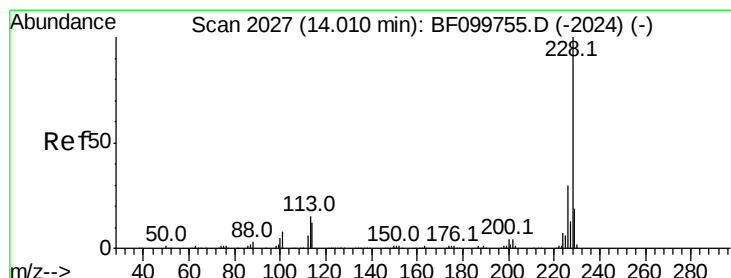
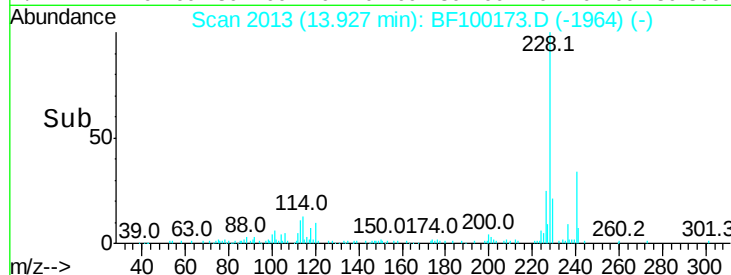
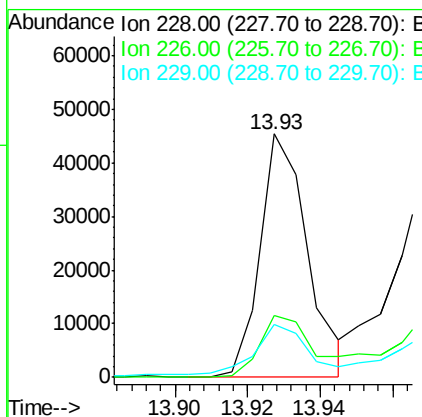
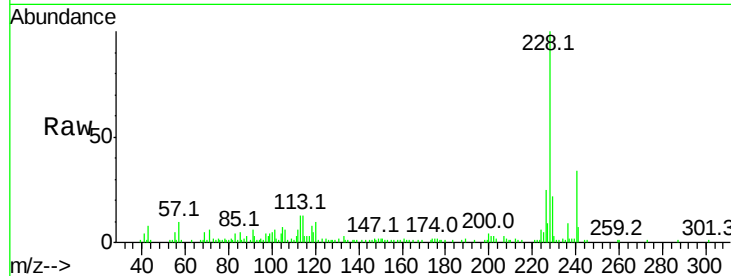
#80
Benzo(a)anthracene
Concen: 3.181 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.6	33.8
229	21.8	15.8	23.6

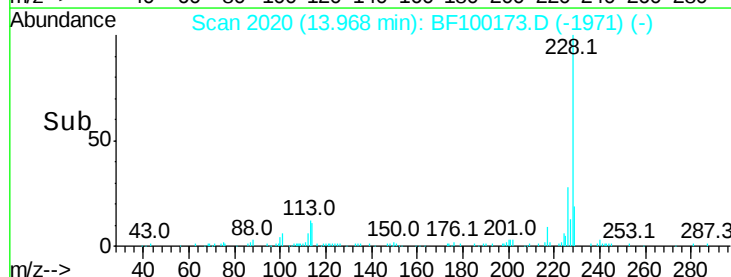
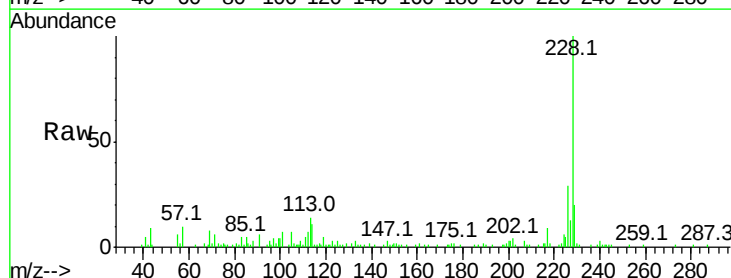
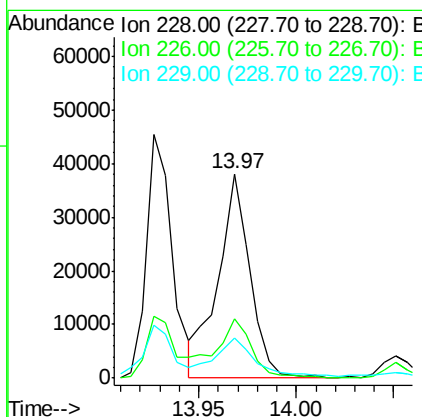
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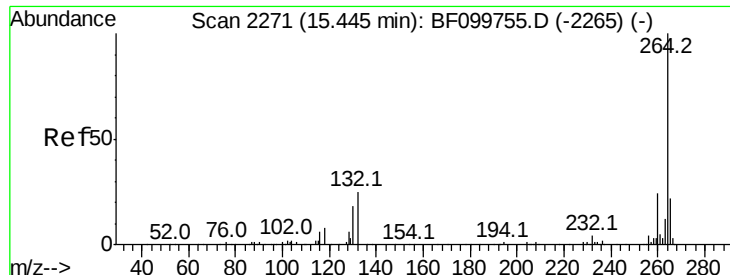
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#82
Chrysene
Concen: 3.580 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	19.7	16.2	24.4





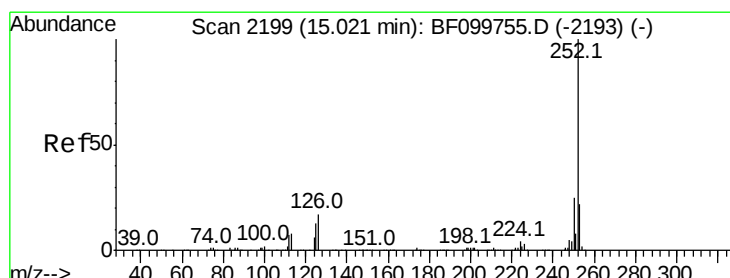
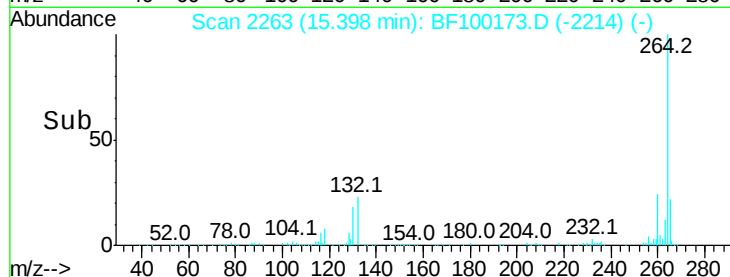
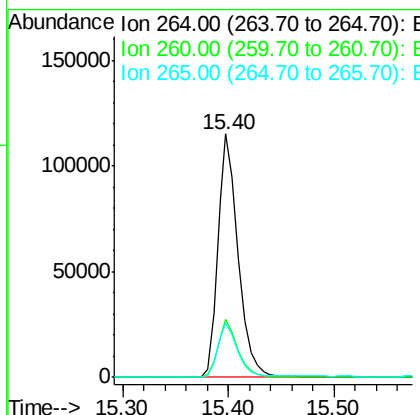
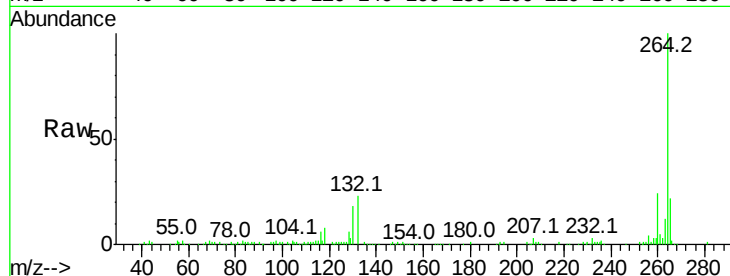
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Instrument :
BNA_F
ClientSampleId :
LEONIA-GEN

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3

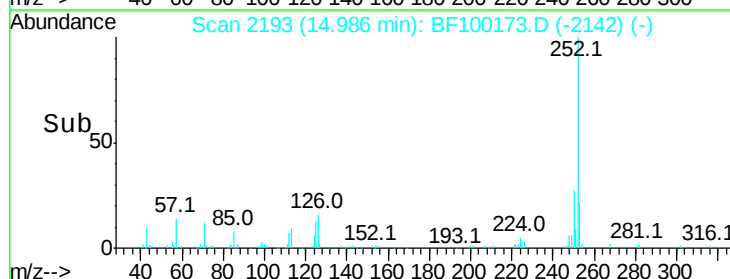
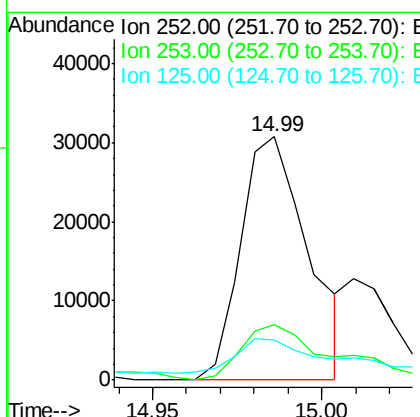
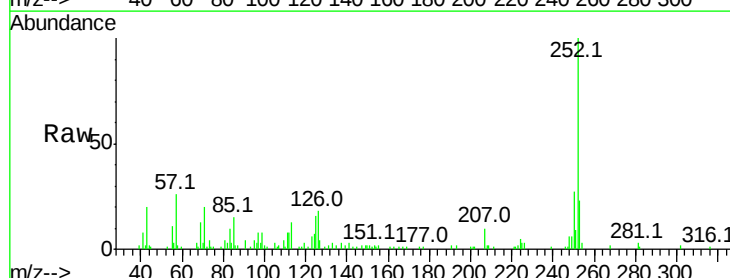
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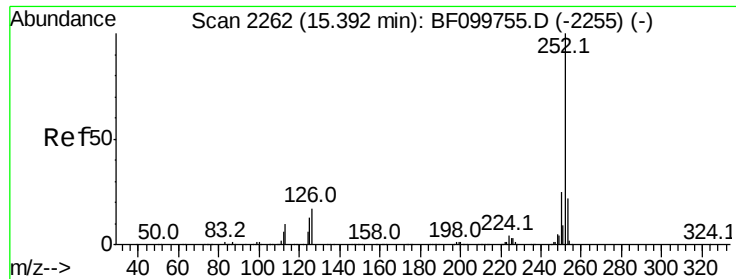
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#87
Benzo(b)fluoranthene
Concen: 4.357 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF100173.D
Acq: 4 Nov 2017 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	16.2	9.0	13.6#





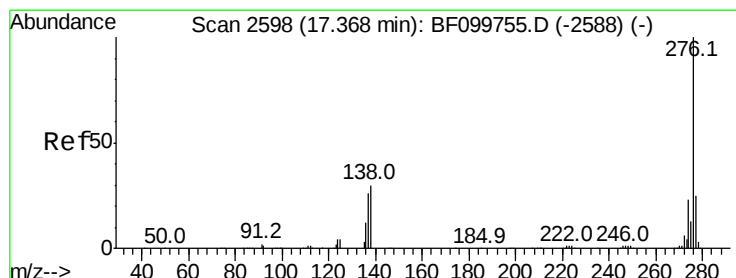
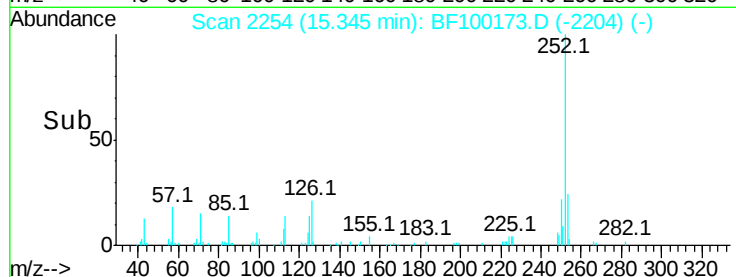
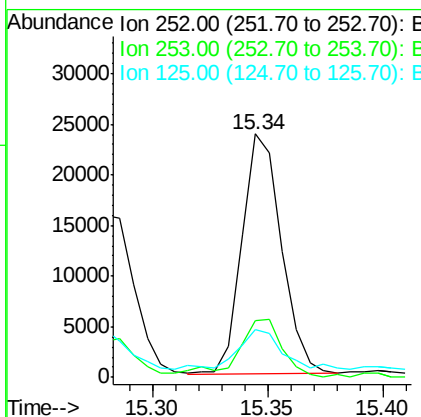
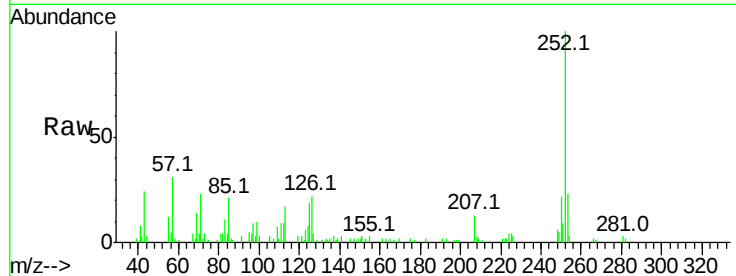
#89
 Benzo(a)pyrene
 Concen: 3.239 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BF100173.D
 Acq: 4 Nov 2017 12:55

Instrument :
 BNA_F
 ClientSampleId :
 LEONIA-GEN

Tot Ion:	252	Resp:	28426
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	19.5	9.8	14.6#

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 2.664 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BF100173.D
 Acq: 4 Nov 2017 12:55

Tgt Ion:	276	Resp:	20324
Ion Ratio	Lower	Upper	
276	100		
277	24.9	17.9	26.9
138	35.1	21.8	32.8#

