

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100083.D
 Acq On : 2 Nov 2017 14:33
 Operator : SJ/JU
 Sample : I6236-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 133

Manual Integrations
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Sohil
 11/3/2017 11:19:16 AM

Quant Time: Nov 02 16:30:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 16:13:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87909	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	362218	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	162548	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	260637	20.00	ng	0.00
75) Chrysene-d12	13.98	240	169635	20.00	ng	0.00
86) Perylene-d12	15.52	264	163989	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	268996	48.04	ng	0.00
7) Phenol-d6	6.42	99	602020	90.67	ng	0.00
23) Nitrobenzene-d5	7.34	82	399421	70.99	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	24023	16.22	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	810762	76.95	ng	0.00
78) Terphenyl-d14	12.89	244	595311	76.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	122063	9.482	ng	100
59) Diethylphthalate	10.22	149	35392	2.815	ng	97
70) Phenanthrene	11.33	178	153276	10.421	ng	97
71) Anthracene	11.38	178	46936	3.144	ng	96
74) Fluoranthene	12.52	202	178302	11.664	ng	100
77) Pyrene	12.76	202	145840	11.306	ng	98
80) Benzo(a)anthracene	13.97	228	66191	6.155	ng	97
82) Chrysene	14.01	228	54445	5.385	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	31861	3.433	ng	99
87) Benzo(b)fluoranthene	15.09	252	74802m	7.224	ng	
88) Benzo(k)fluoranthene	15.12	252	24624m	2.522	ng	
89) Benzo(a)pyrene	15.46	252	53678	5.771	ng	# 92
91) Benzo(a,h,i)perylene	17.49	276	32617	4.034	ng	# 90

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

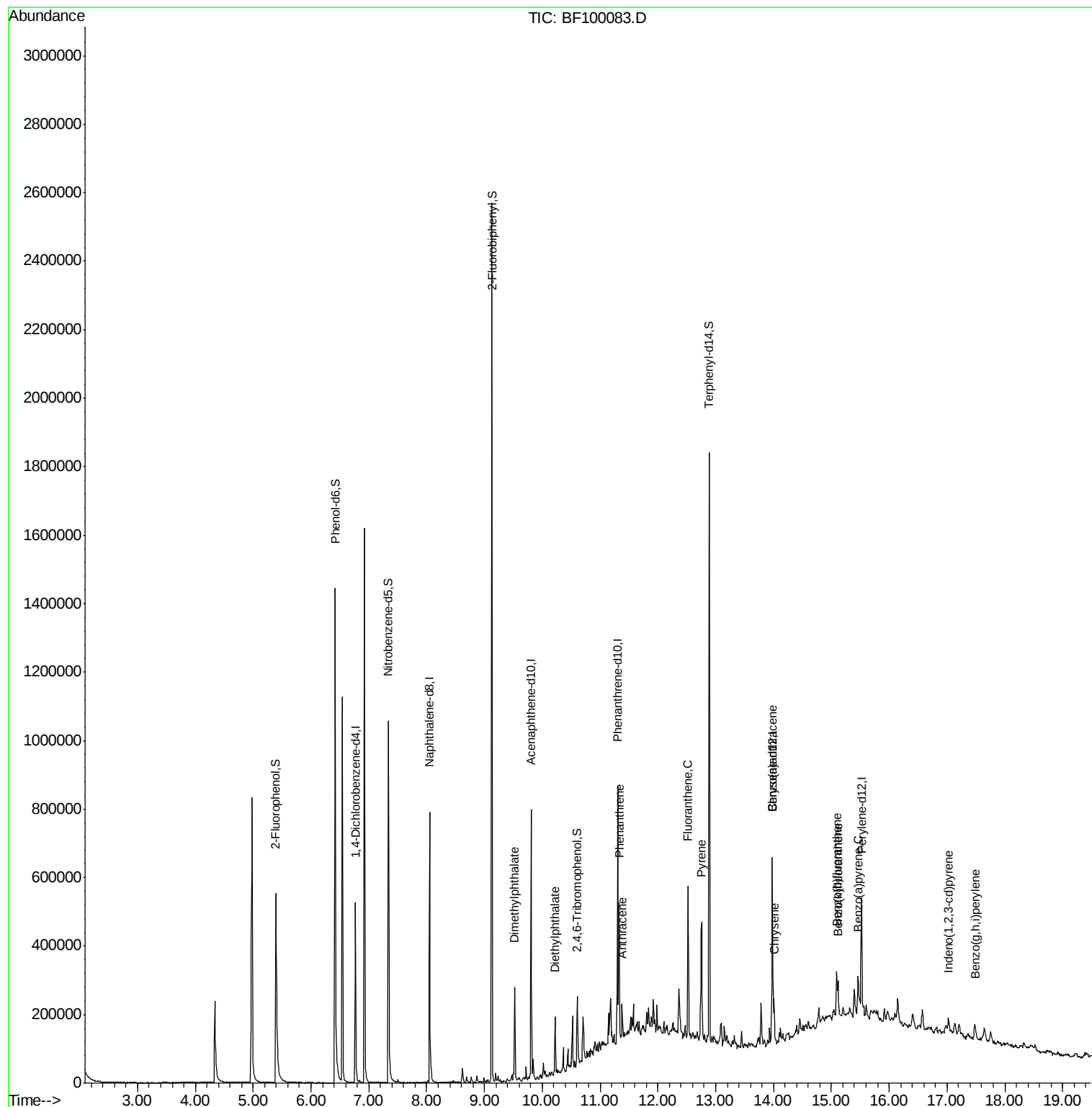
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100083.D
Acq On : 2 Nov 2017 14:33
Operator : SJ/JU
Sample : I6236-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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133

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 16:13:54 2017
Response via : Initial Calibration





#1

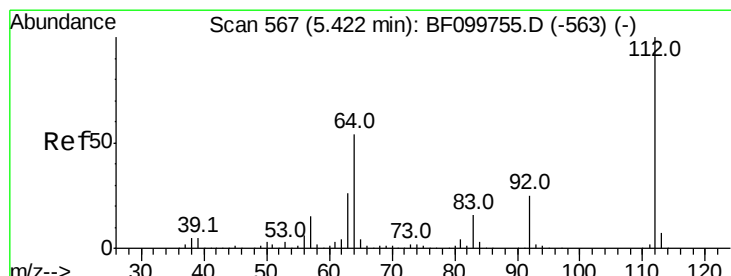
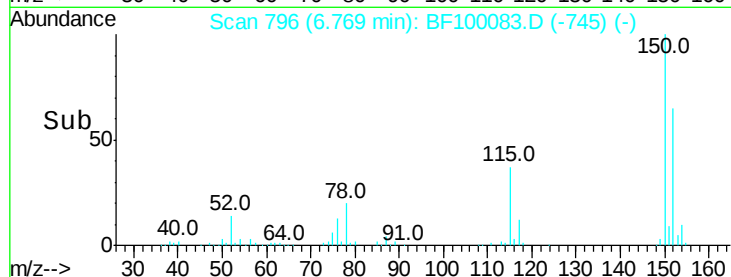
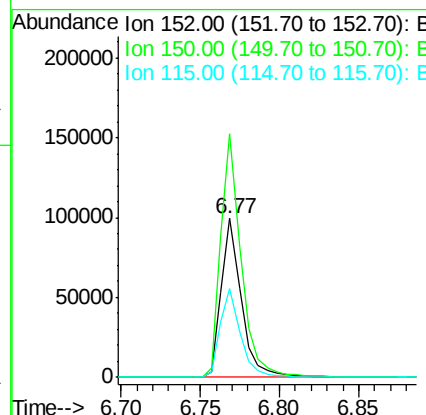
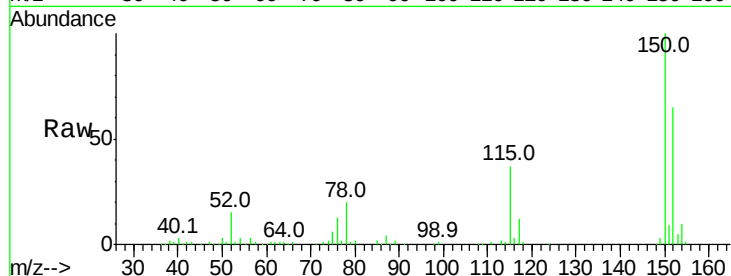
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 133

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	56.1	50.1	75.1

Manual Integrations
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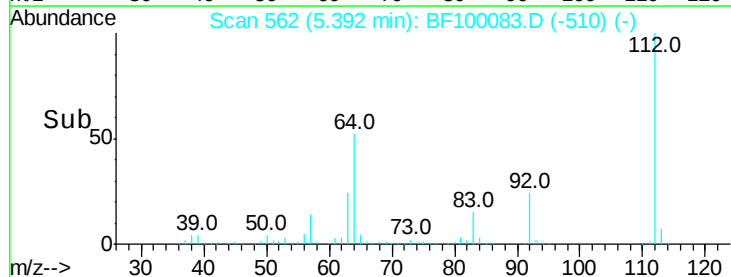
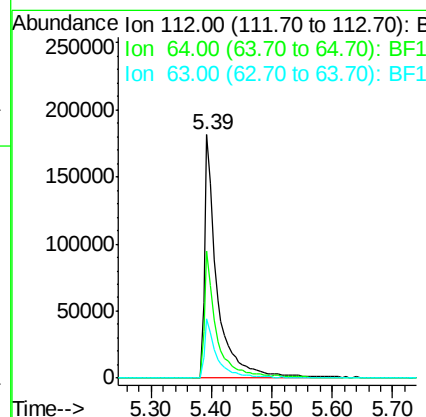
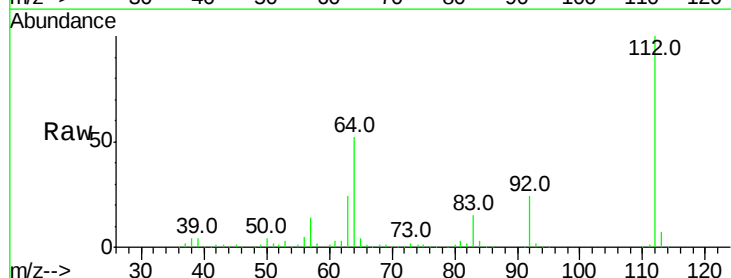
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#5

2-Fluorophenol
 Concen: 48.040 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	24.4	23.7	35.5





#7

Phenol-d6

Concen: 90.675 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100083.D

Acq: 2 Nov 2017 14:33

Instrument :

BNA_F

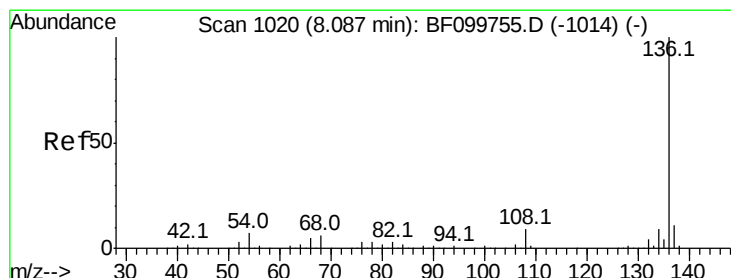
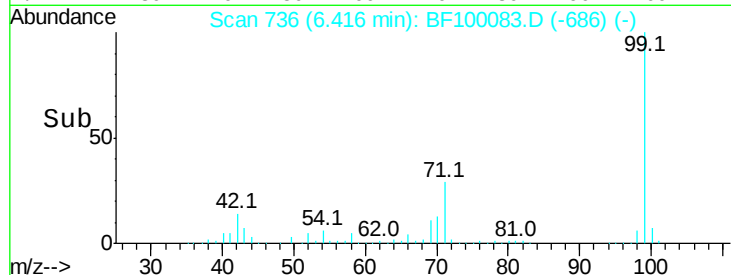
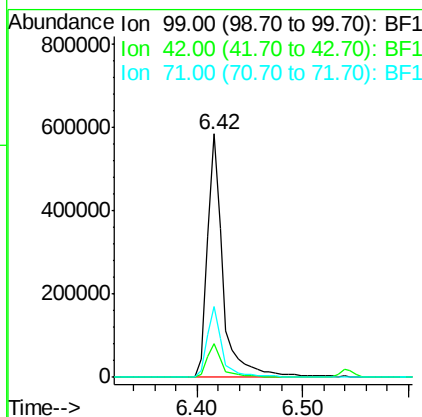
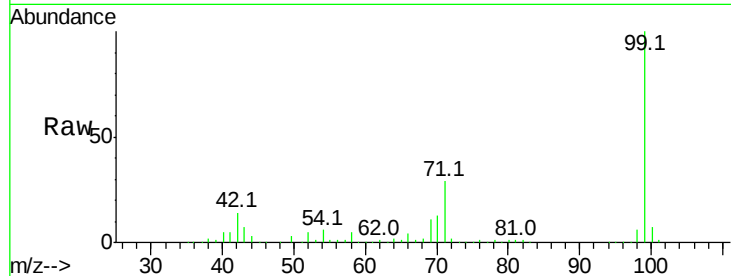
ClientSampled :

133

Tot Ion:	99	Resp:	602020
Ion Ratio	Lower	Upper	
99	100		
42	13.7	14.5	21.7#
71	29.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

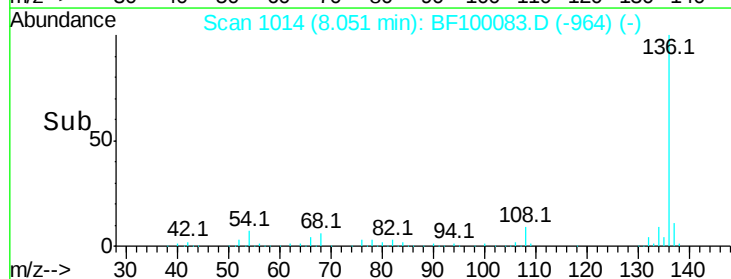
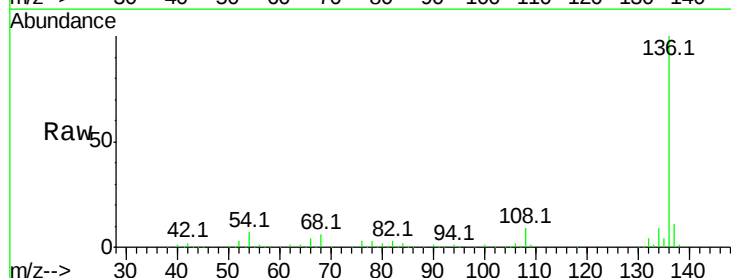
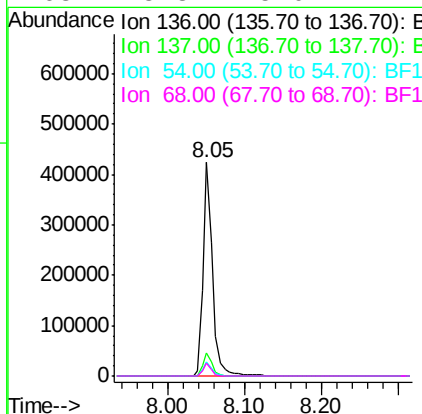
RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100083.D

Acq: 2 Nov 2017 14:33

Tgt Ion:	136	Resp:	362218
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8#
68	5.8	5.0	7.4





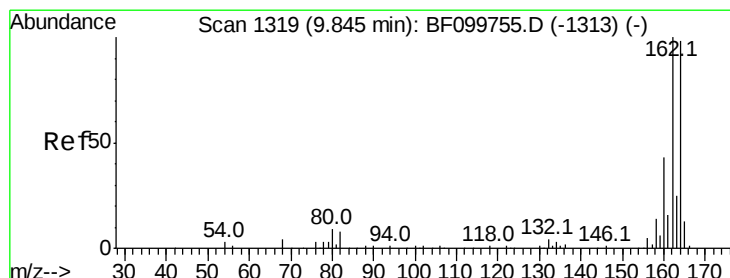
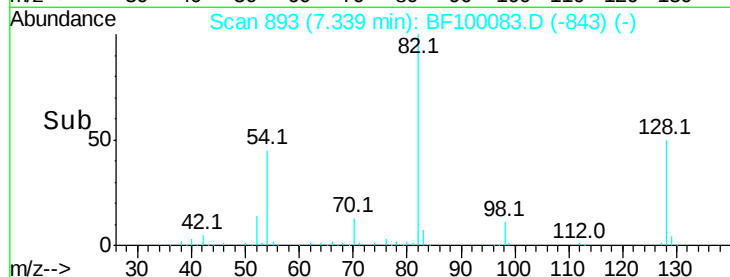
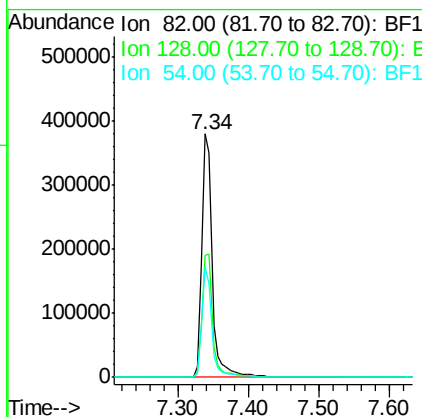
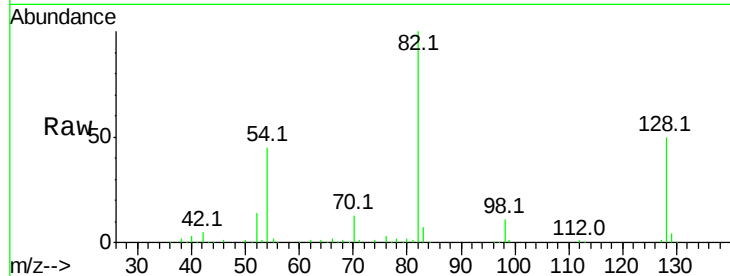
#23
Nitrobenzene-d5
Concen: 70.993 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Instrument :
BNA_F
ClientSampled :
133

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	45.2	41.4	62.2

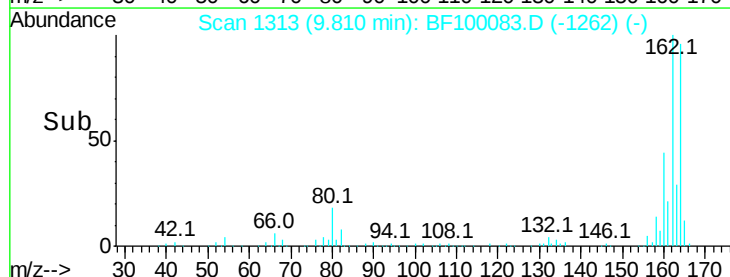
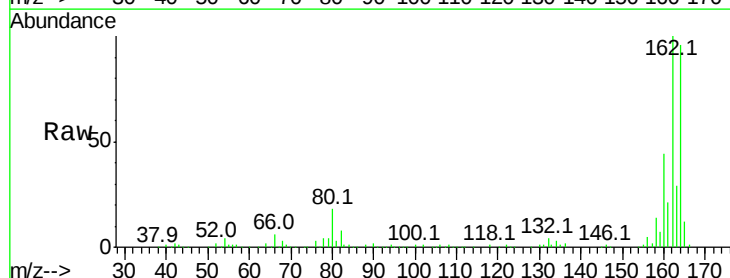
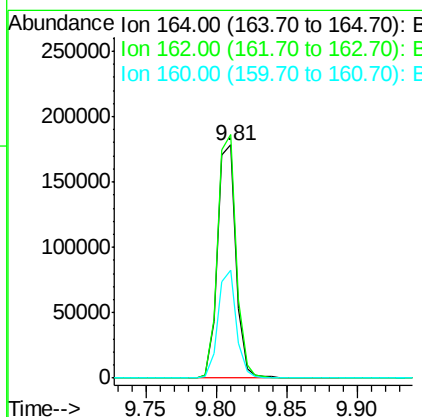
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.3	38.3	57.5





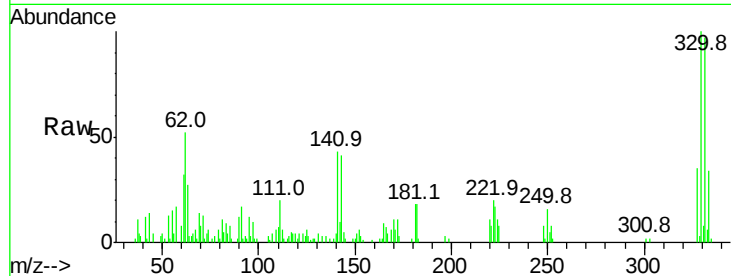
#41
 2,4,6-Tribromophenol
 Concen: 16.217 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Instrument :
 BNA_F
 ClientSampled :
 133

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	40.9	29.9	44.9

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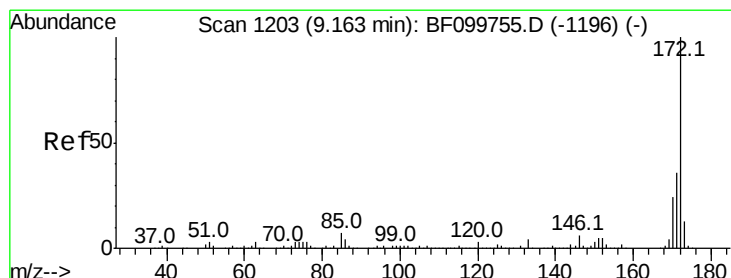
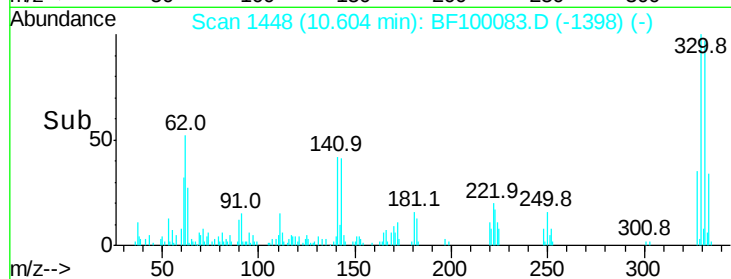
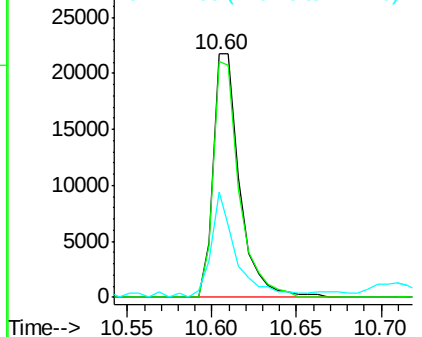


Abundance

Ion 329.80 (329.50 to 330.50): E

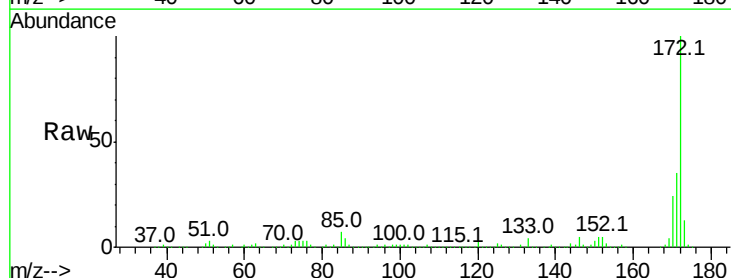
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.954 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.6	29.4

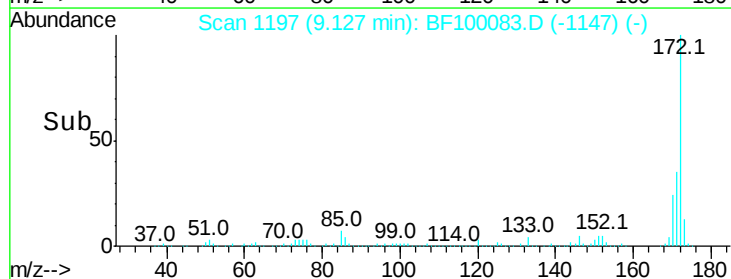
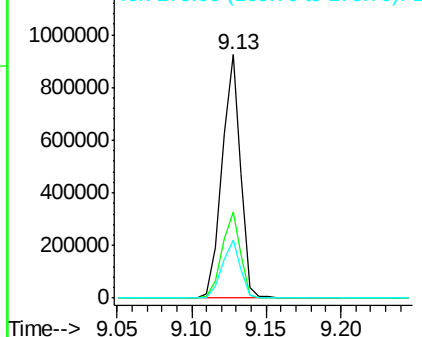


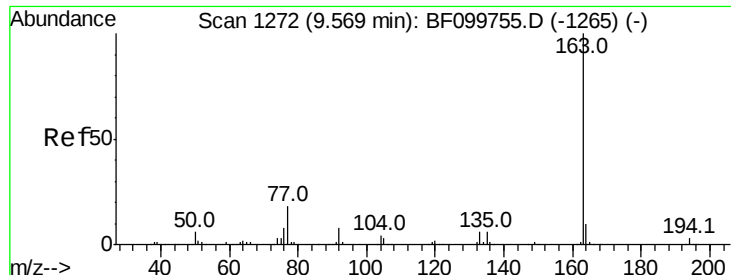
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





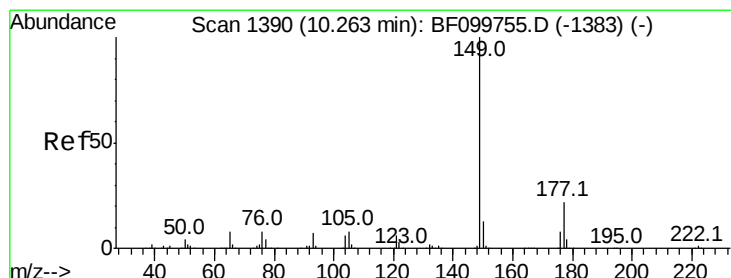
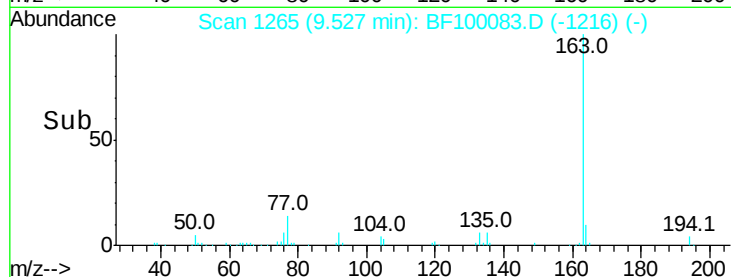
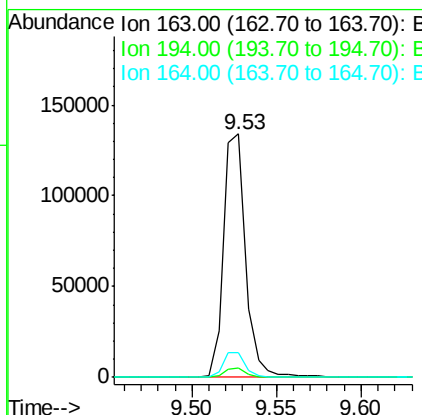
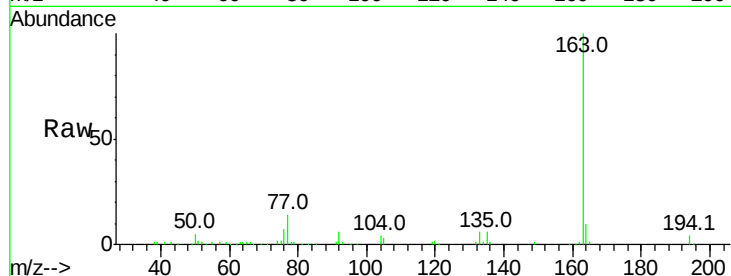
#49
Dimethylphthalate
Concen: 9.482 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Instrument :
BNA_F
ClientSampleId :
133

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.2	8.2	12.2	

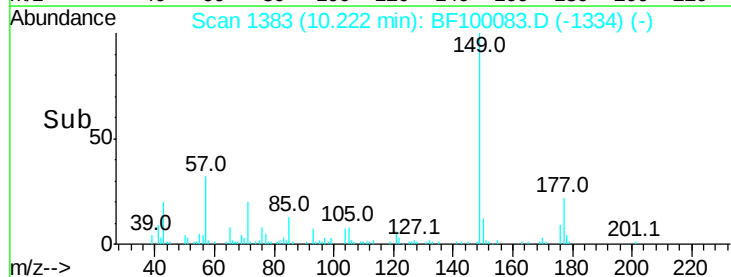
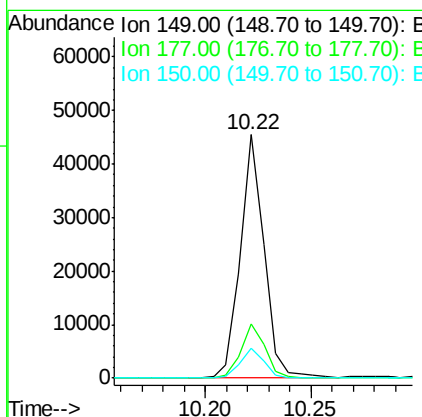
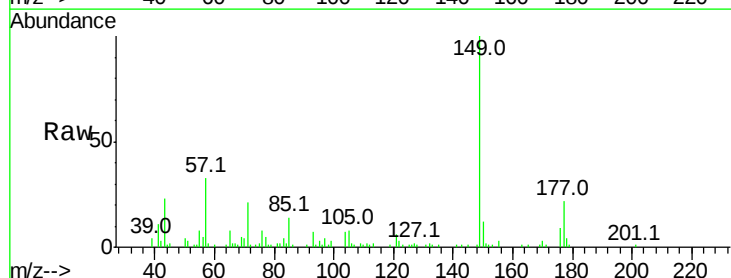
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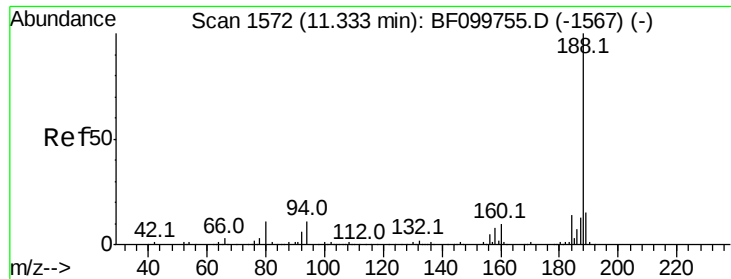
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#59
Diethylphthalate
Concen: 2.815 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.4	16.1	24.1	
150	12.5	10.1	15.1	





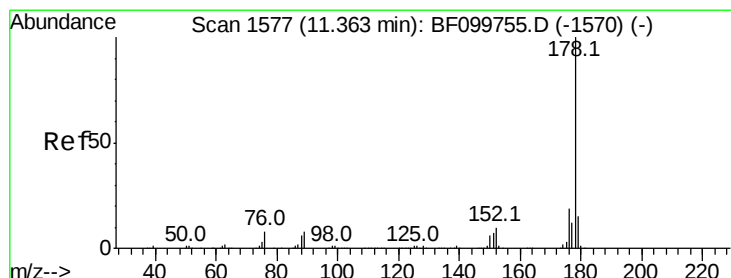
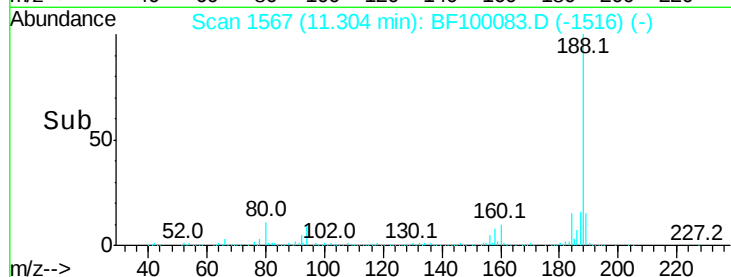
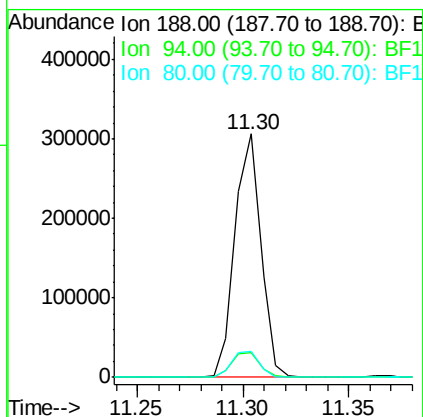
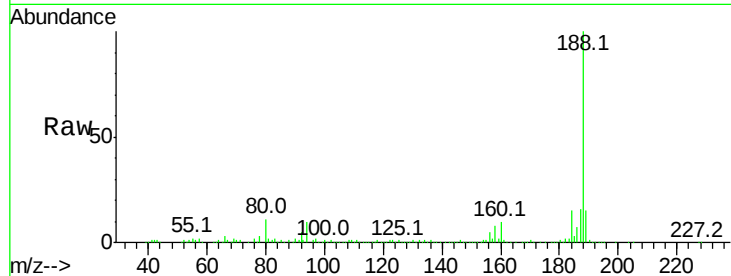
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Instrument :
BNA_F
ClientSampleId :
133

Tot Ion	Ratio	Resp	Lower	Upper
188	100	260637		
94	9.9		8.5	12.7
80	10.7		9.2	13.8

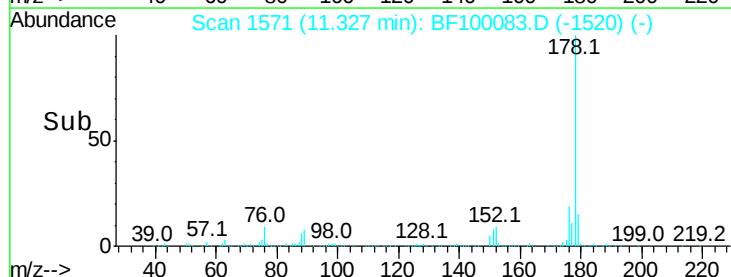
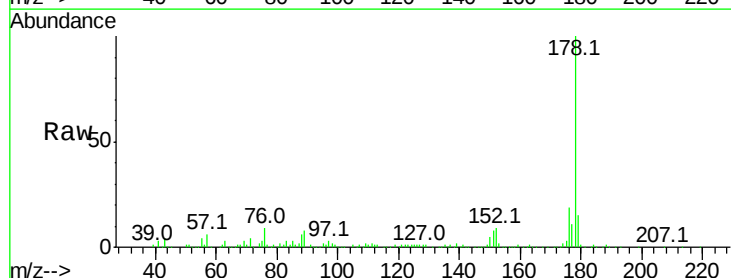
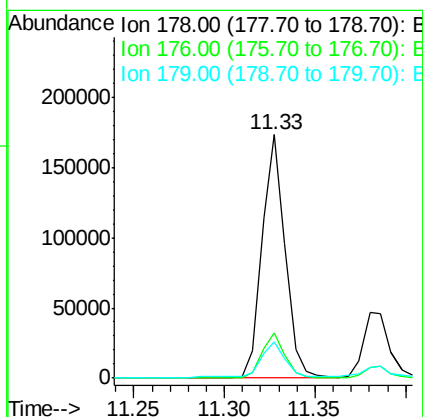
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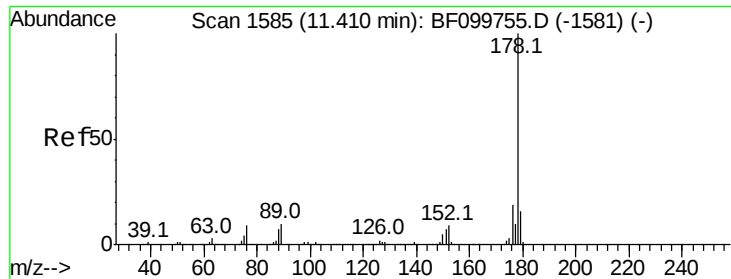
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#70
Phenanthrene
Concen: 10.421 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	153276		
176	18.6		15.8	23.8
179	15.1		13.0	19.6





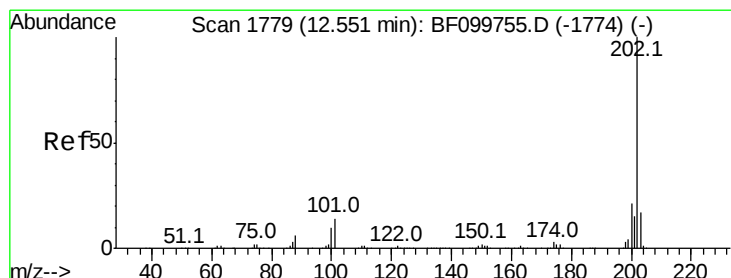
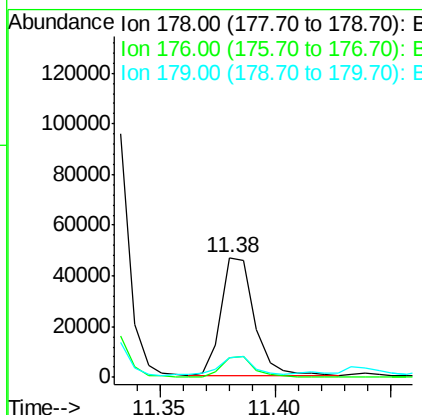
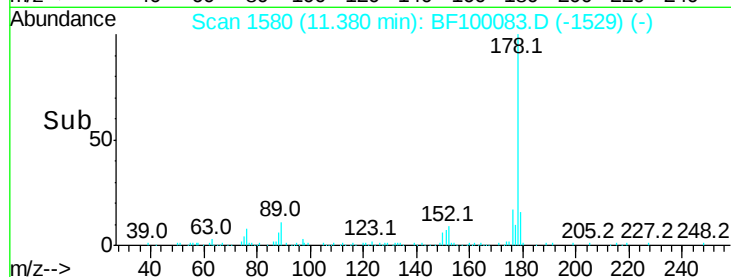
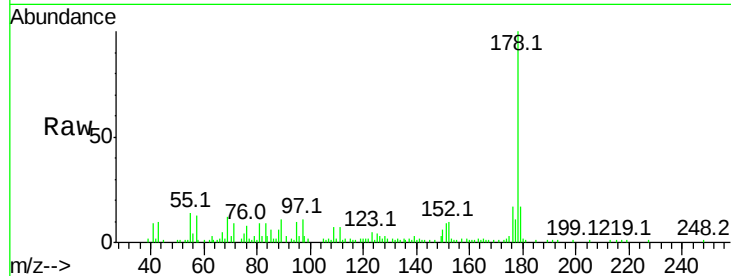
#71
 Anthracene
 Concen: 3.144 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Instrument :
 BNA_F
 ClientSampled :
 133

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.4	23.2
179	16.7	12.6	19.0

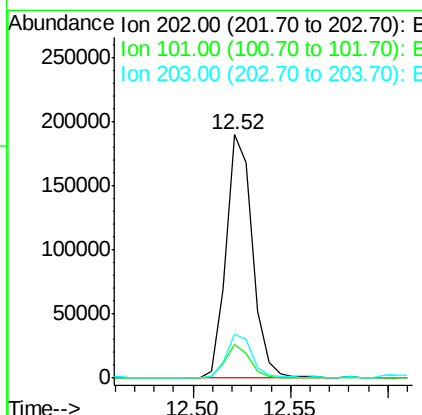
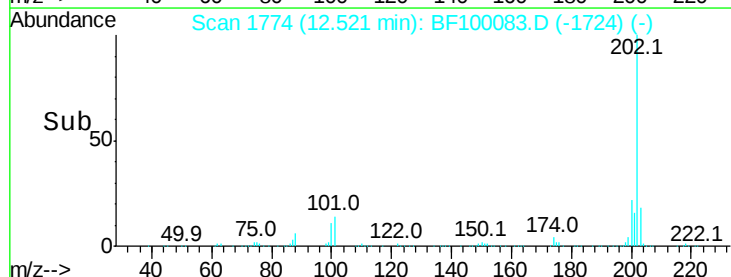
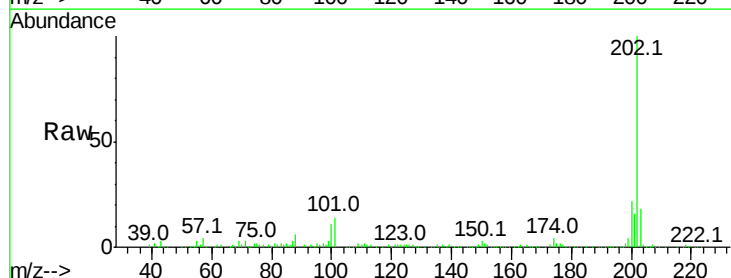
Manual Integrations
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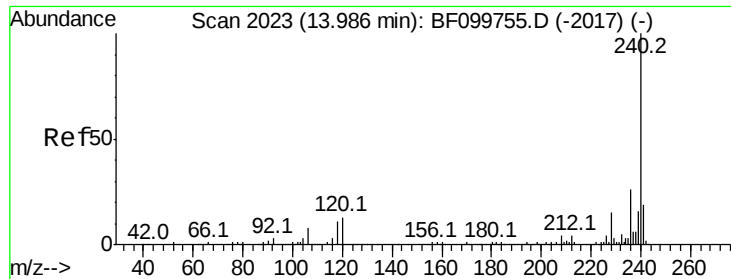
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#74
 Fluoranthene
 Concen: 11.664 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF100083.D

Acq: 2 Nov 2017 14:33

Instrument :

BNA_F

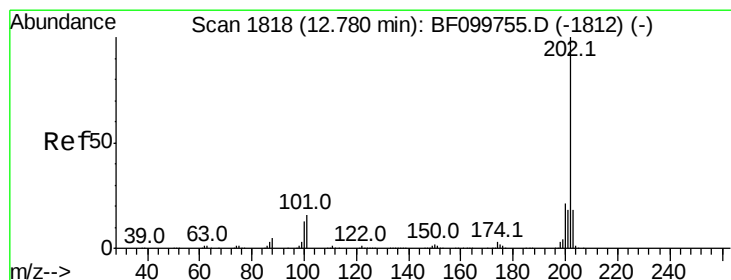
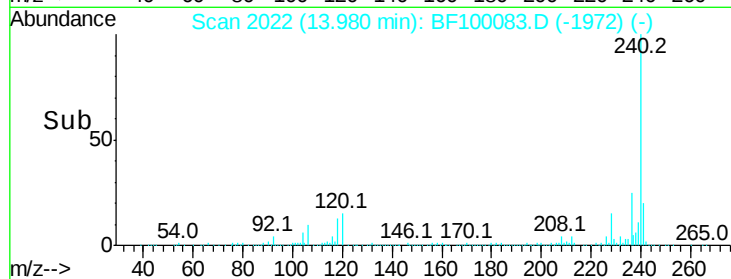
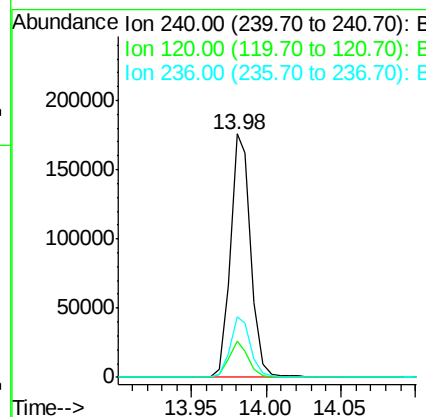
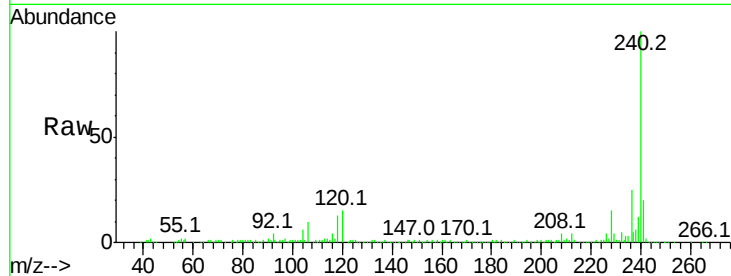
ClientSampleId :

133

Tot Ion	Ratio	Resp	Lower	Upper
240	100	169635		
120	14.9	9.5	14.3	
236	25.0	20.7	31.1	

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#77

Pyrene

Concen: 11.306 ng

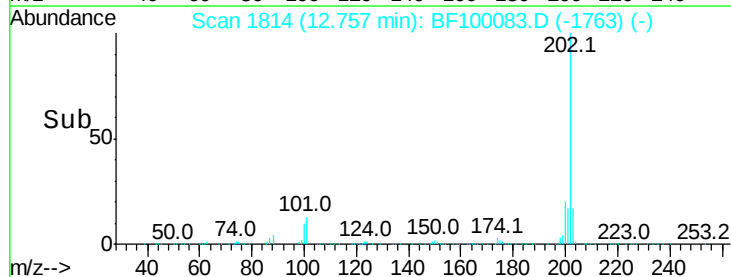
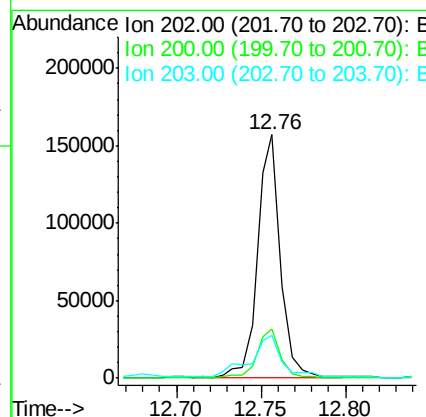
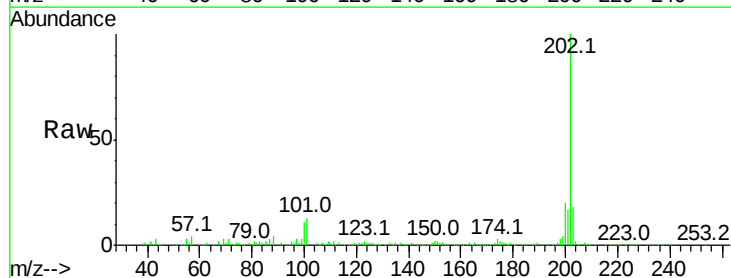
RT: 12.76 min Scan# 1814

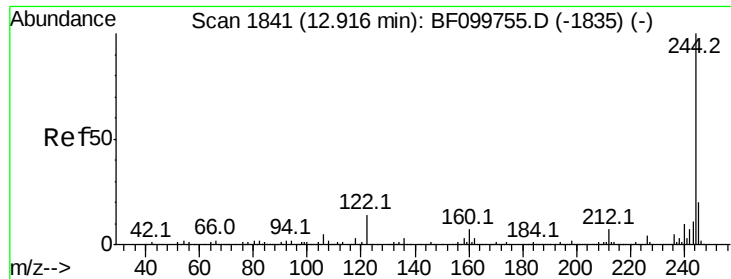
Delta R.T. 0.00 min

Lab File: BF100083.D

Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	145840		
200	20.0	17.4	26.2	
203	17.7	14.3	21.5	





#78

Terphenyl-d14

Concen: 76.693 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF100083.D

Acq: 2 Nov 2017 14:33

Instrument :

BNA_F

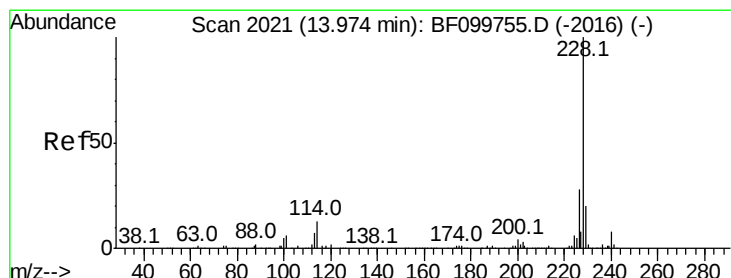
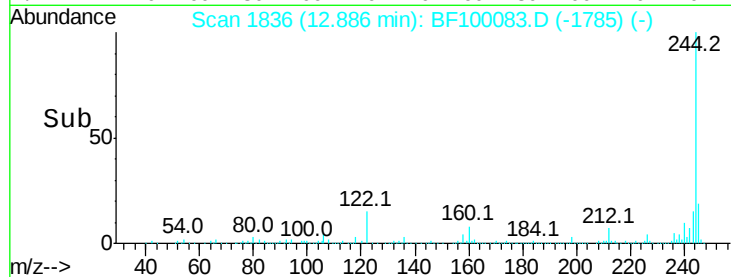
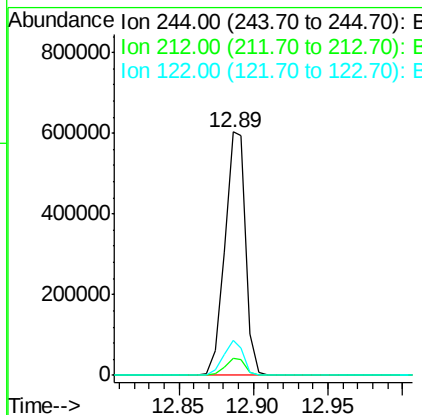
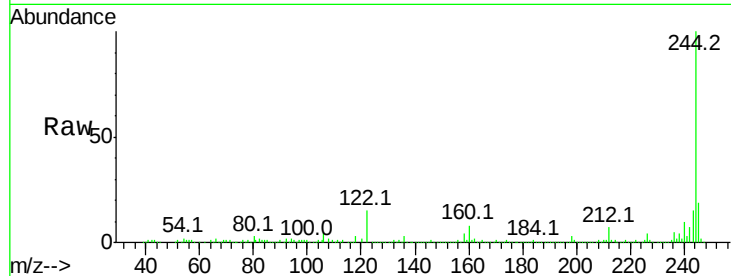
ClientSampleId :

133

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.6	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 6.155 ng

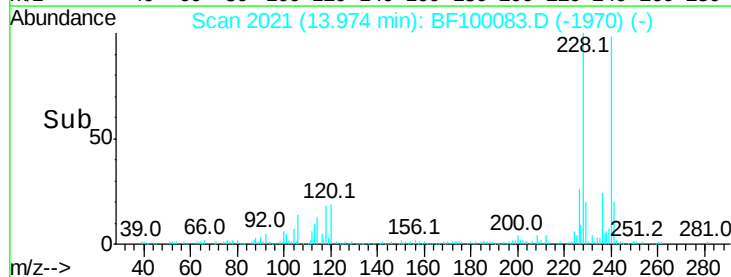
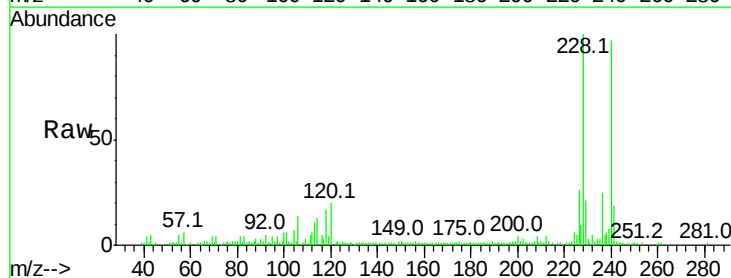
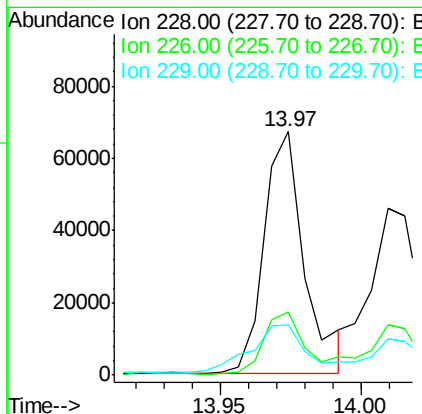
RT: 13.97 min Scan# 2021

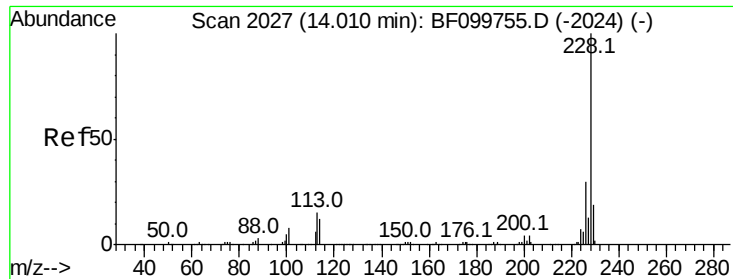
Delta R.T. 0.00 min

Lab File: BF100083.D

Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.9	15.8	23.6





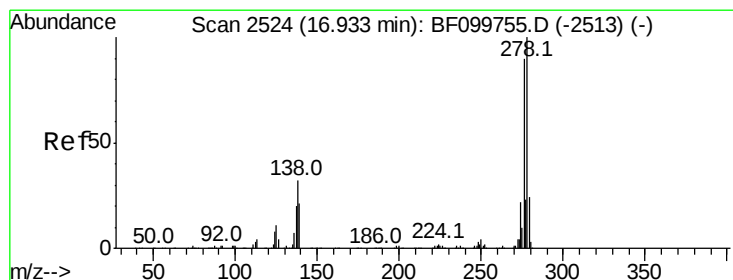
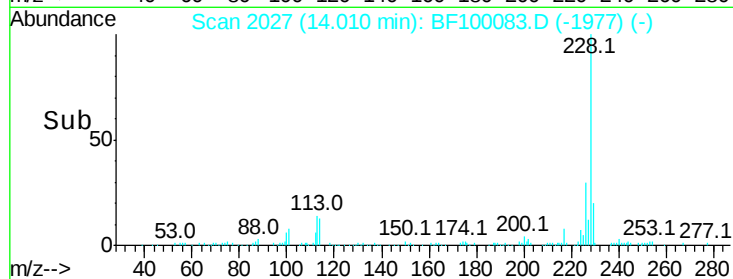
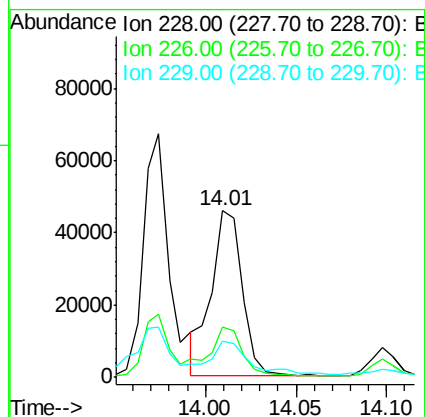
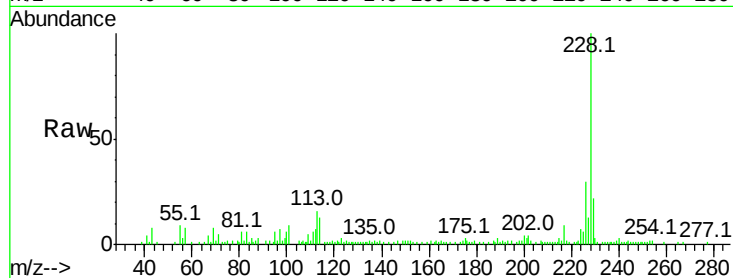
#82
Chrysene
Concen: 5.385 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Instrument :
BNA_F
ClientSampled :
133

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.7	16.2	24.4

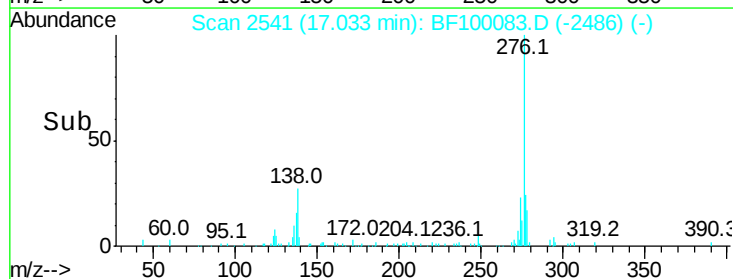
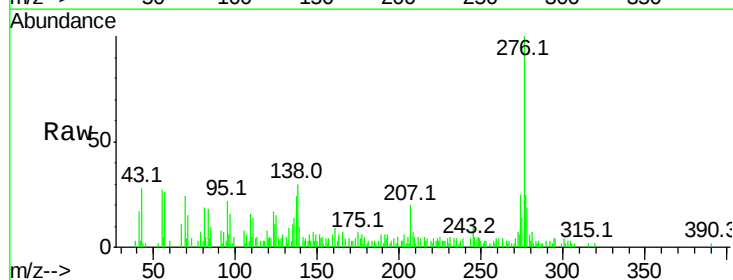
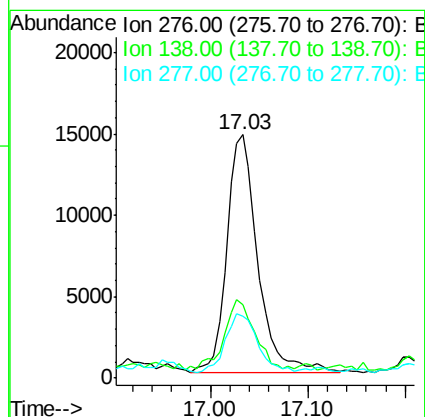
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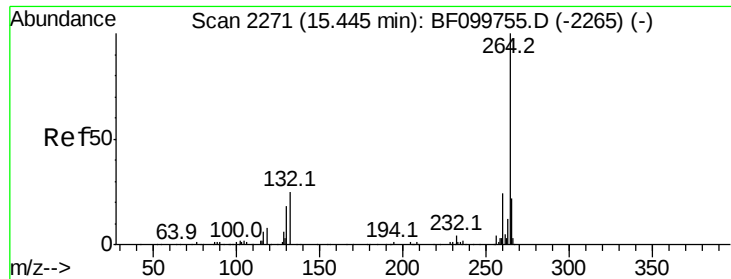
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.433 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	25.6	20.1	30.1





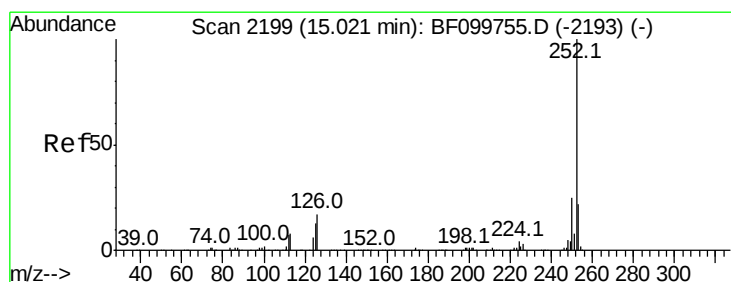
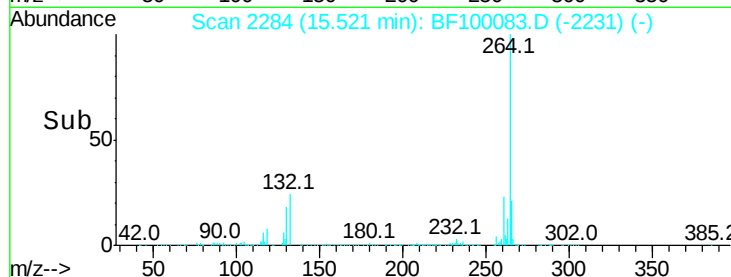
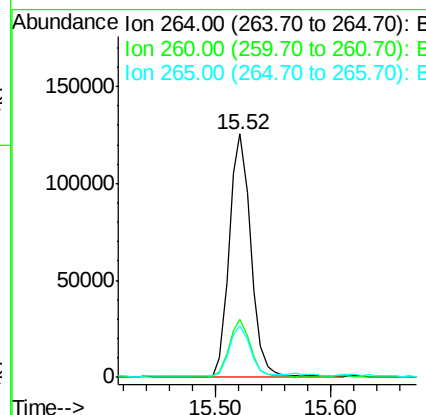
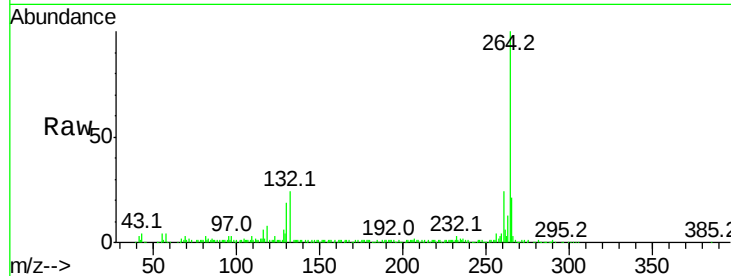
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Instrument :
BNA_F
ClientSampleId :
133

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

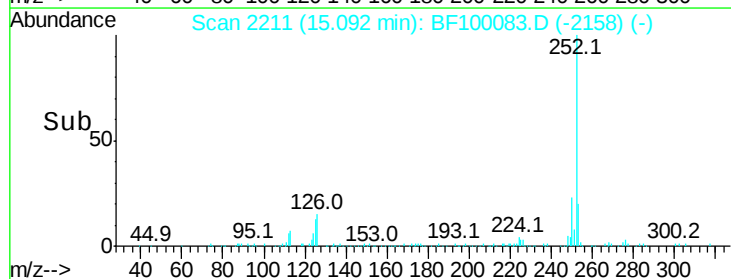
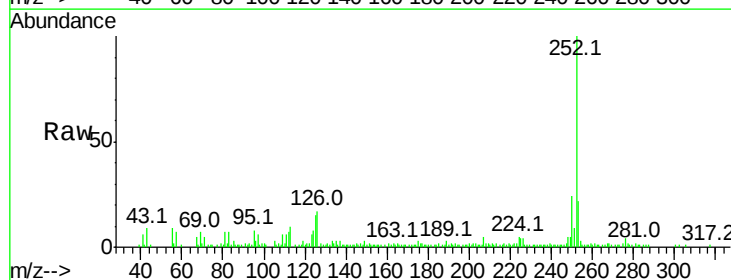
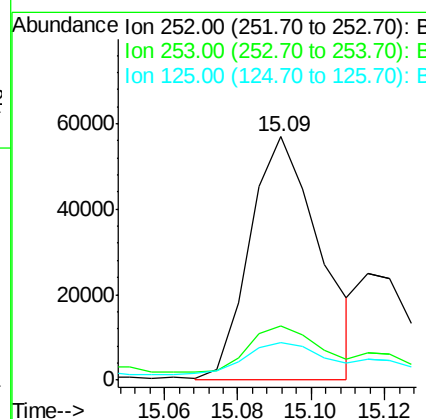
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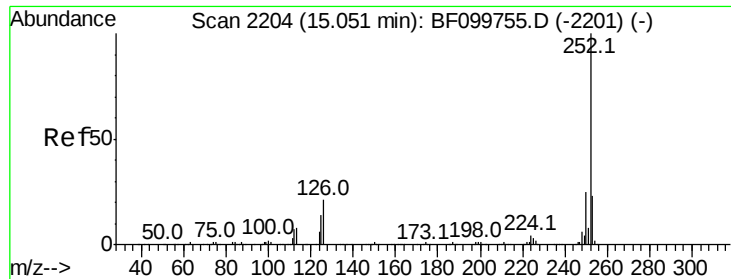
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#87
Benzo(b)fluoranthene
Concen: 7.224 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	15.4	9.0	13.6





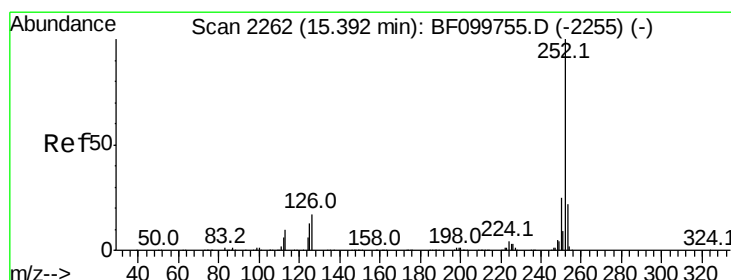
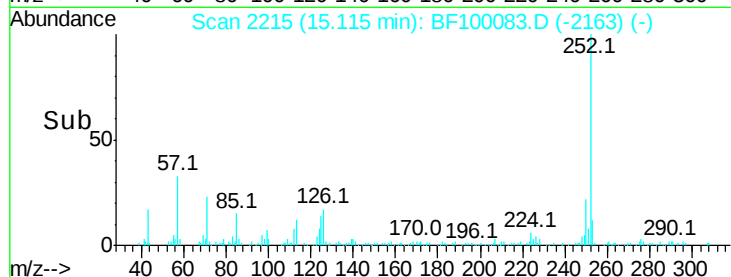
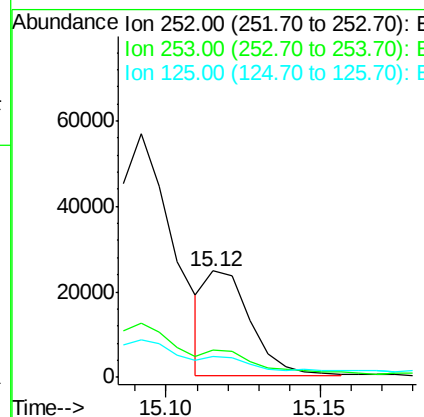
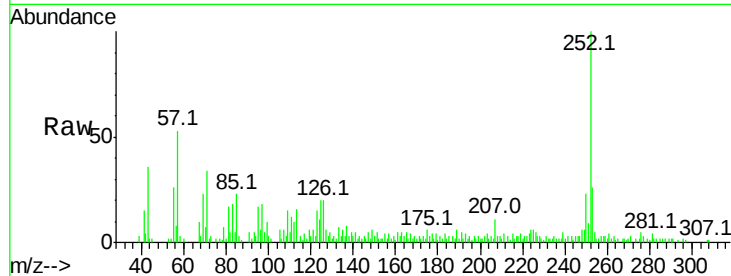
#88
Benzo(k)fluoranthene
Concen: 2.522 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Instrument :
BNA_F
ClientSampleId :
133

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	19.9	10.2	15.2#

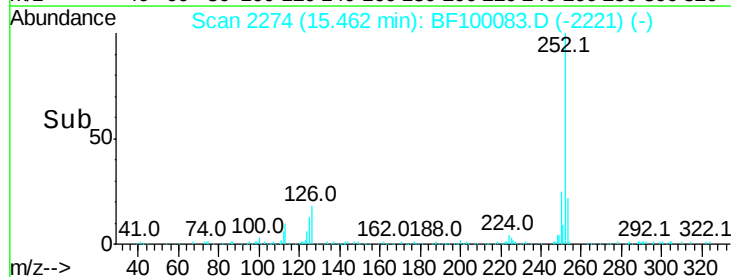
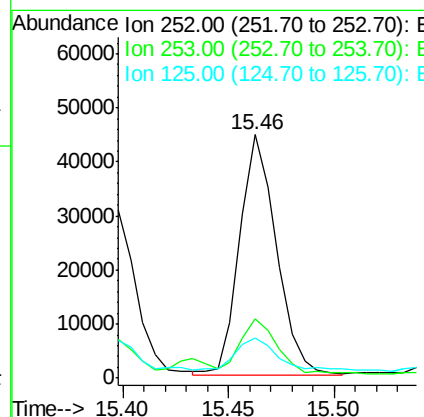
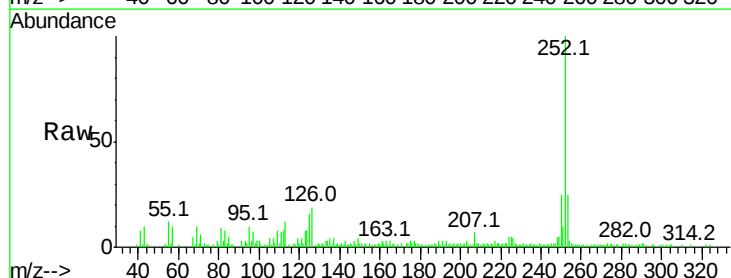
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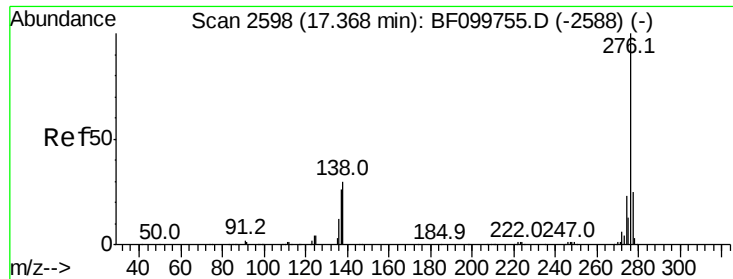
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#89
Benzo(a)pyrene
Concen: 5.771 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF100083.D
Acq: 2 Nov 2017 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	16.2	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 4.034 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.03 min
 Lab File: BF100083.D
 Acq: 2 Nov 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 133

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	33.3	21.8	32.8

Manual Integrations
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