

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100133.D
 Acq On : 3 Nov 2017 14:40
 Operator : SJ/JU
 Sample : I6258-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOXWOOD-DR-2-4-12-14

Manual Integrations
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Quant Time: Nov 03 15:54:44 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	6.77	152	86348	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	362355	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	176122	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	320966	20.00	ng	0.00
75) Chrysene-d12	13.95	240	218685	20.00	ng	0.00
86) Perylene-d12	15.41	264	152736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	648214	117.86	ng	0.00
7) Phenol-d6	6.42	99	782862	120.04	ng	0.00
23) Nitrobenzene-d5	7.34	82	444592	78.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	184227	114.78	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	868362	76.07	ng	0.00
78) Terphenyl-d14	12.88	244	759460	75.89	ng	0.00
Target Compounds						
10) Phenol	6.43	94	40240	5.620	ng	93
49) Dimethylphthalate	9.52	163	80082	5.742	ng	99
74) Fluoranthene	12.52	202	72763	3.865	ng	98
77) Pyrene	12.74	202	58525	3.520	ng	96
82) Chrysene	13.98	228	28244	2.167	ng	97
87) Benzo(b)fluoranthene	15.00	252	29099m	3.017	ng	

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

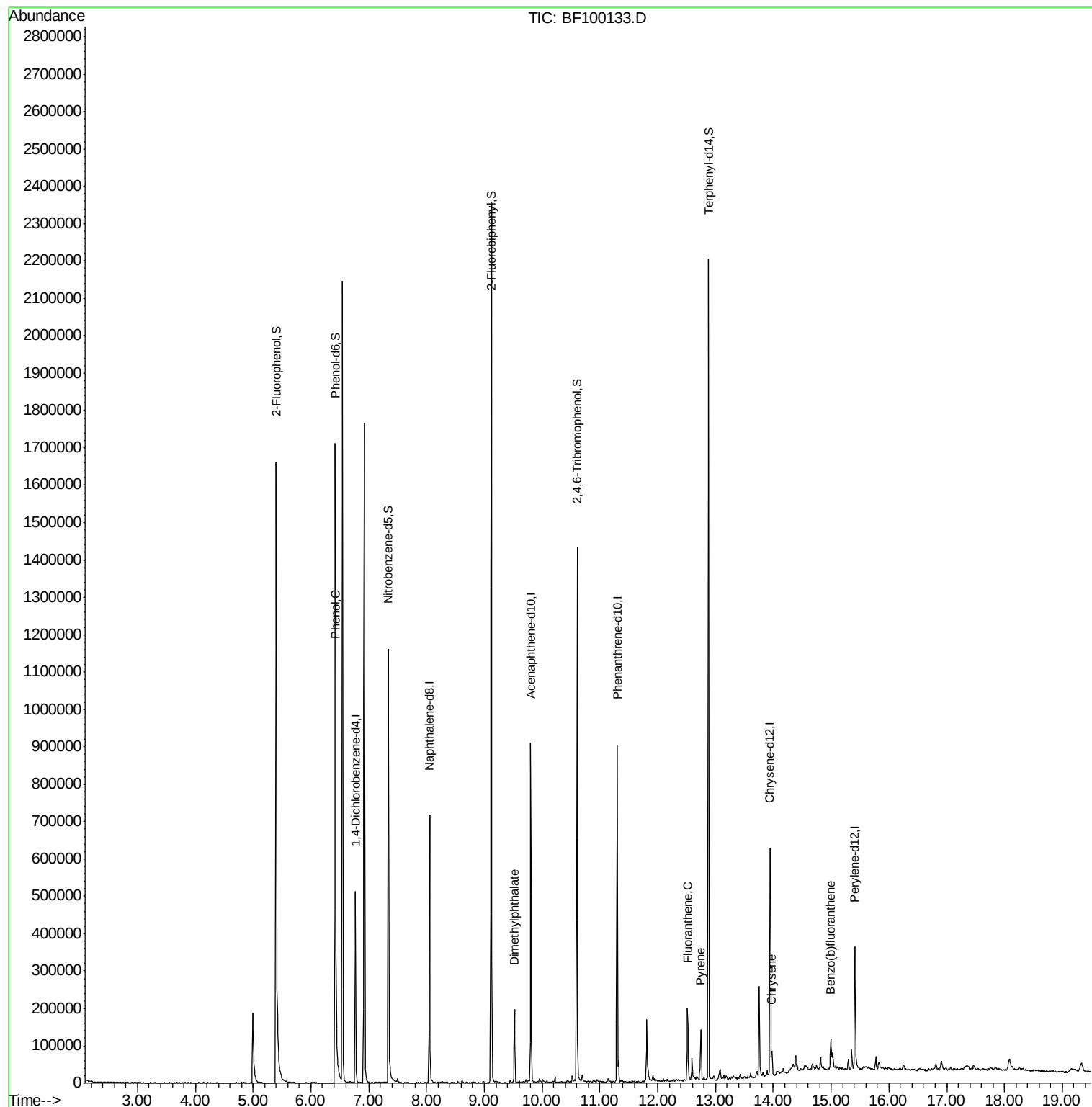
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100133.D
Acq On : 3 Nov 2017 14:40
Operator : SJ/JU
Sample : I6258-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

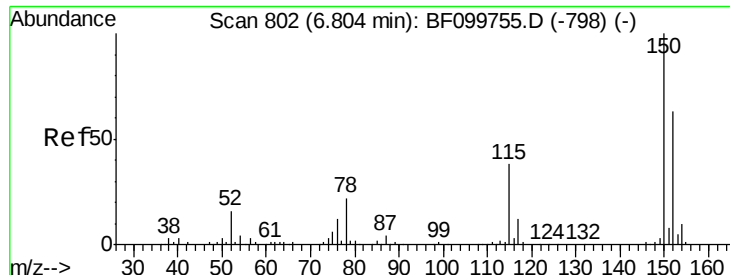
Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

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Quant Time: Nov 03 15:54:44 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

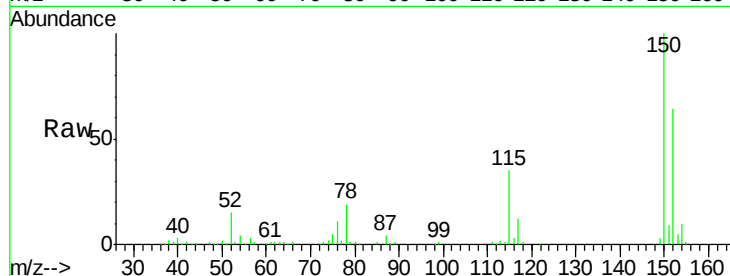
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	55.3	50.1	75.1

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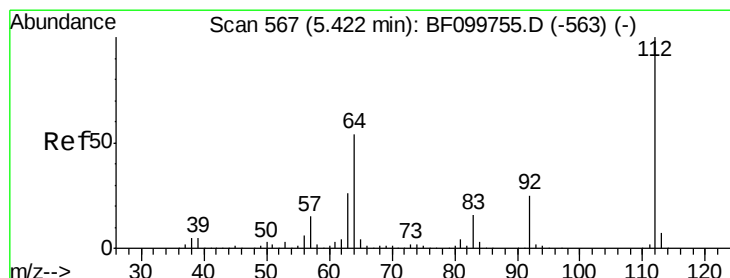
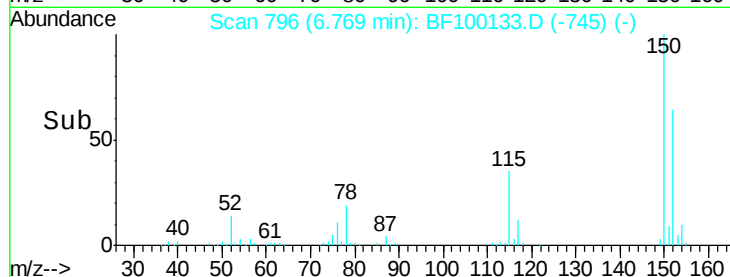
Abundance

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

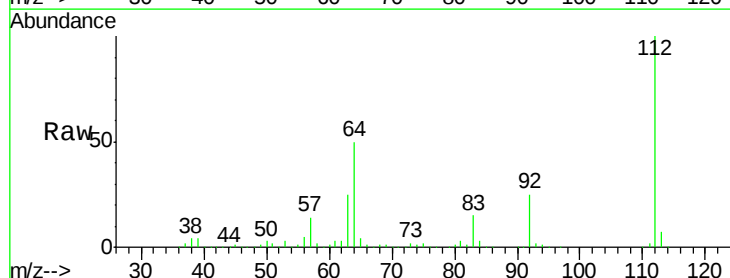
Time-->



#5

2-Fluorophenol
Concen: 117.857 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	47.9	71.9
63	24.5	23.7	35.5



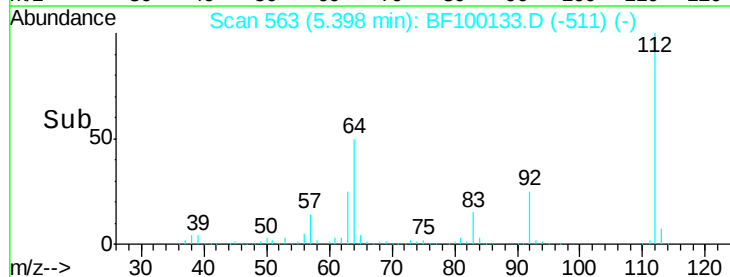
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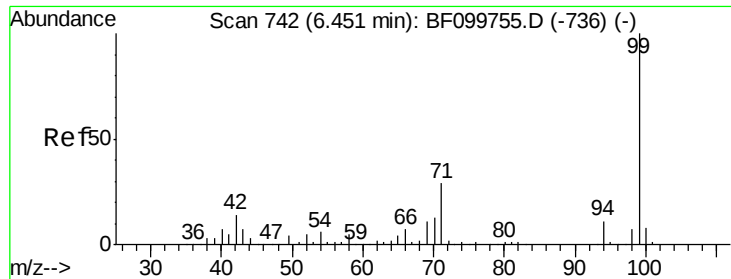
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 120.044 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100133.D

Acq: 3 Nov 2017 14:40

Instrument :

BNA_F

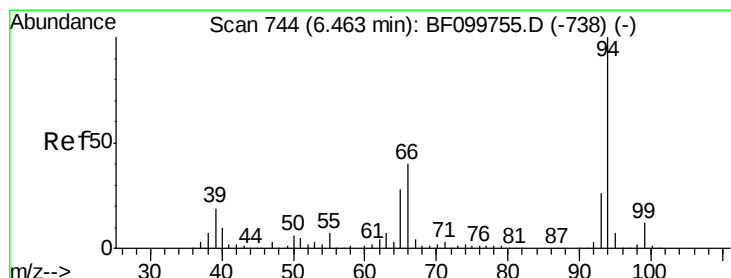
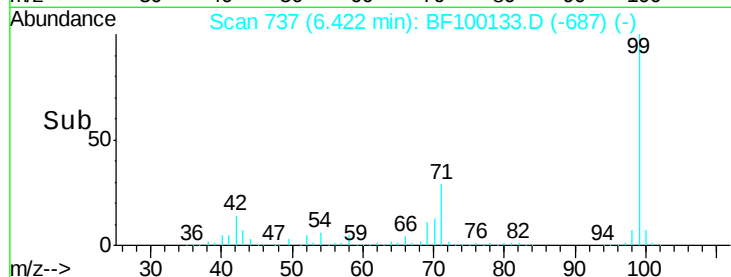
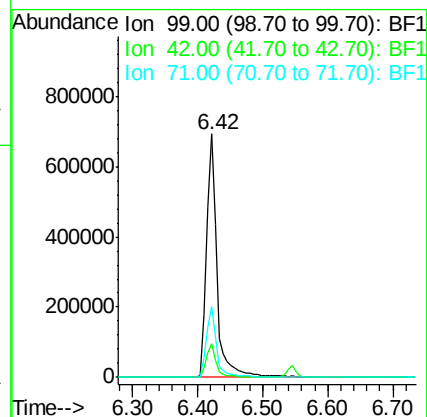
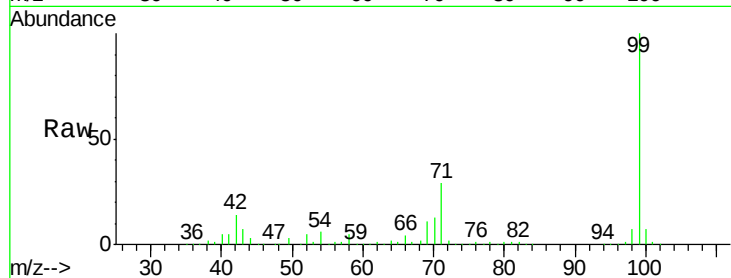
ClientSampleId :

BOXWOOD-DR-2-4-12-14

Tgt Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	29.3	25.4	38.0

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#10

Phenol

Concen: 5.620 ng

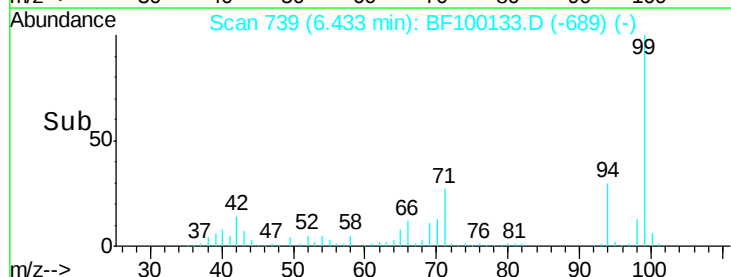
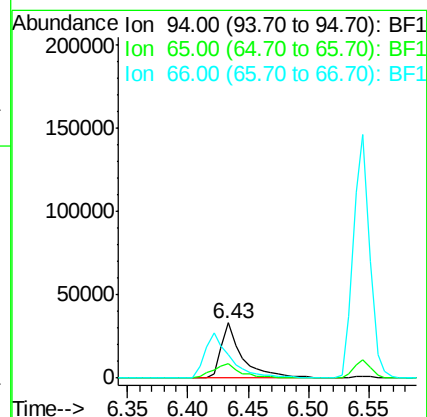
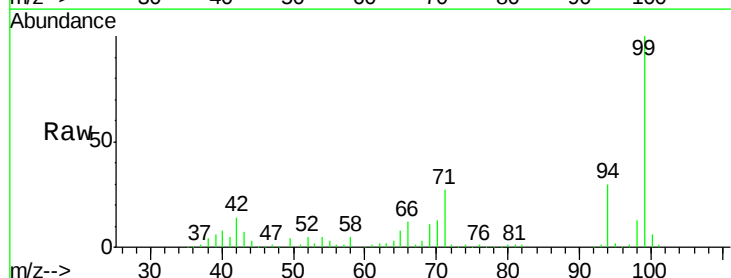
RT: 6.43 min Scan# 739

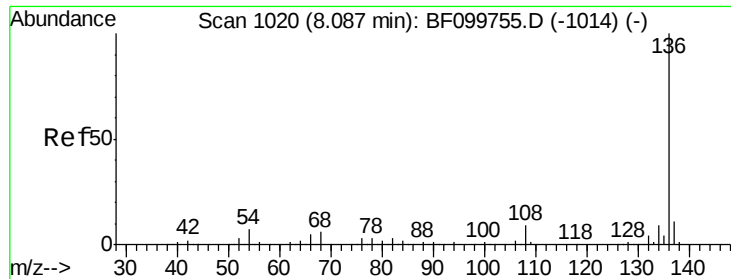
Delta R.T. -0.01 min

Lab File: BF100133.D

Acq: 3 Nov 2017 14:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	7.9	47.9
66	41.6	16.2	56.2





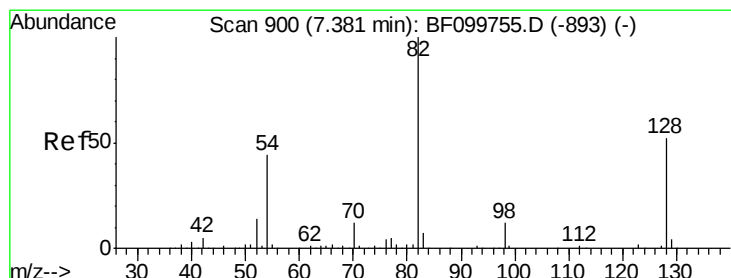
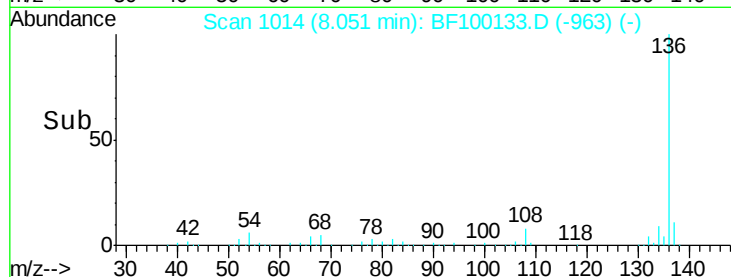
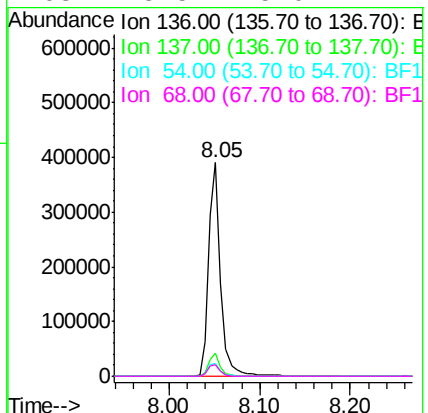
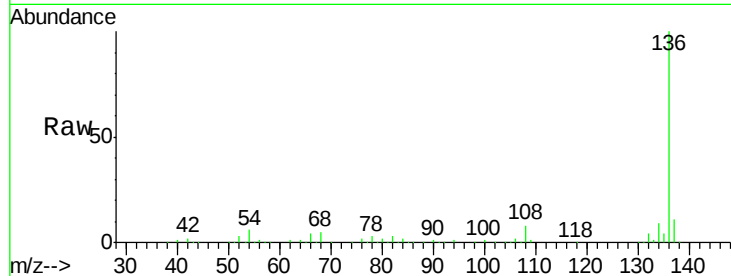
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.9	13.3		
54	6.2	6.6	9.8#		
68	5.5	5.0	7.4		

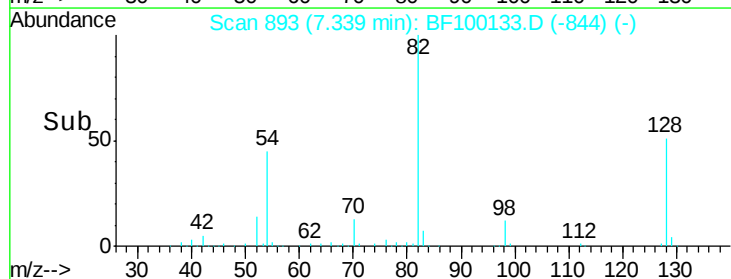
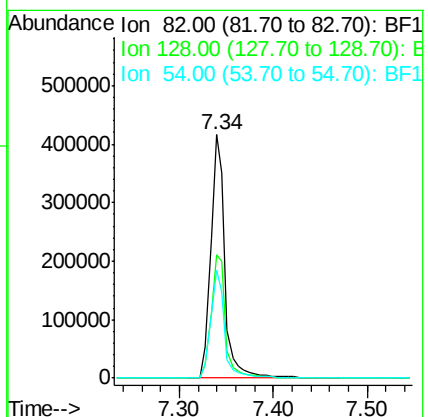
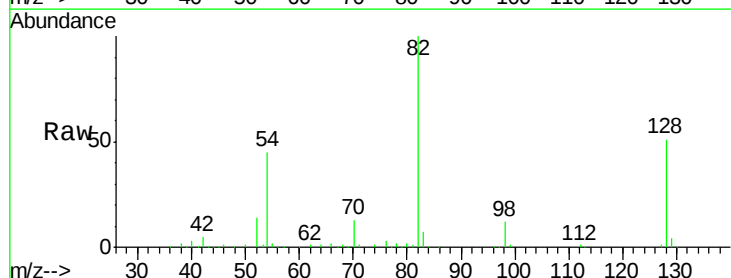
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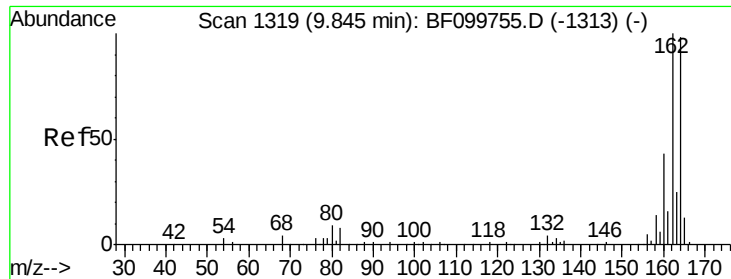
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#23
Nitrobenzene-d5
Concen: 78.992 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

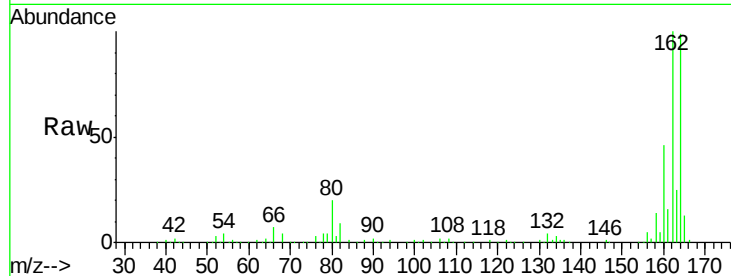
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	50.6	36.1	54.1		
54	44.6	41.4	62.2		





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100133.D
 Acq: 3 Nov 2017 14:40

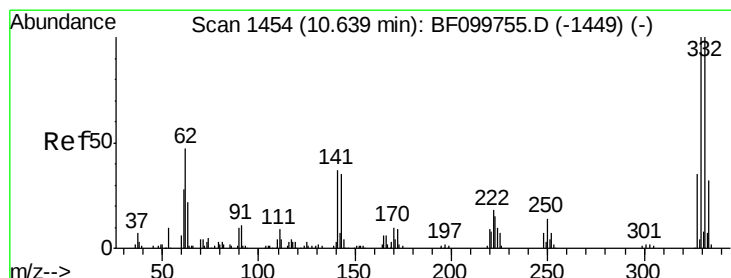
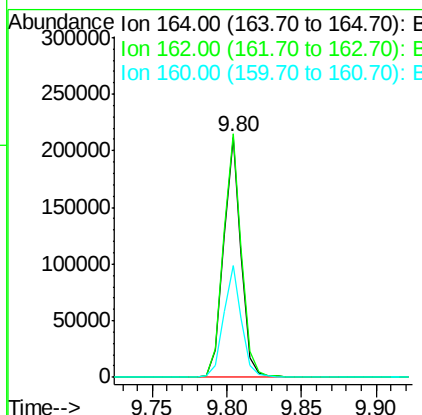
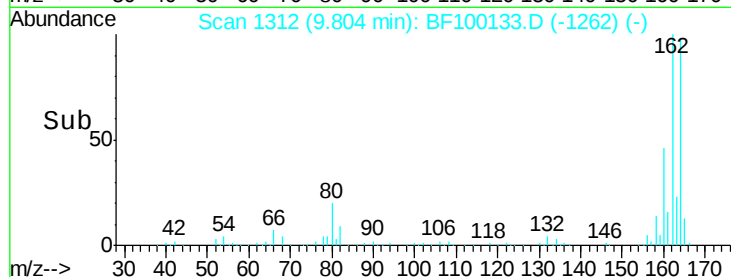
Instrument :
 BNA_F
 ClientSampleId :
 BOXWOOD-DR-2-4-12-14



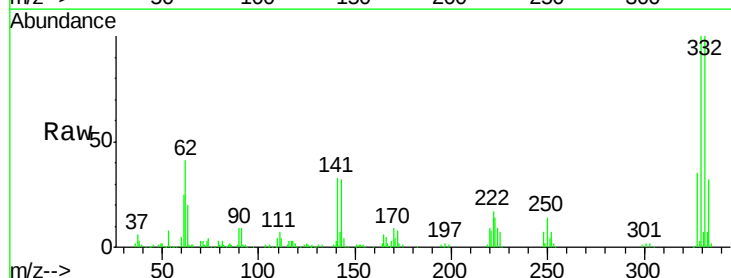
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	86.1	129.1	
160	46.7	38.3	57.5	

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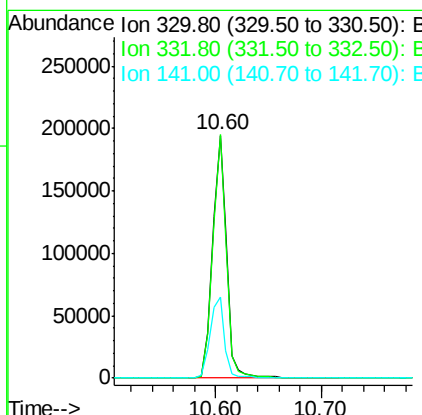
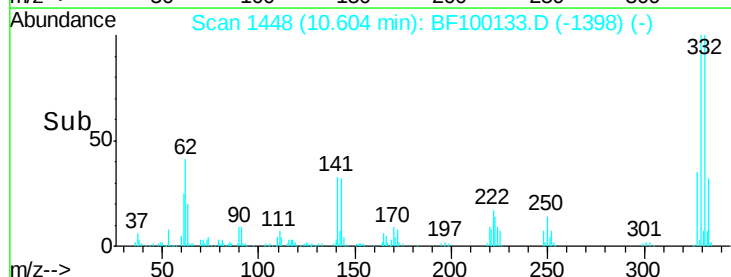
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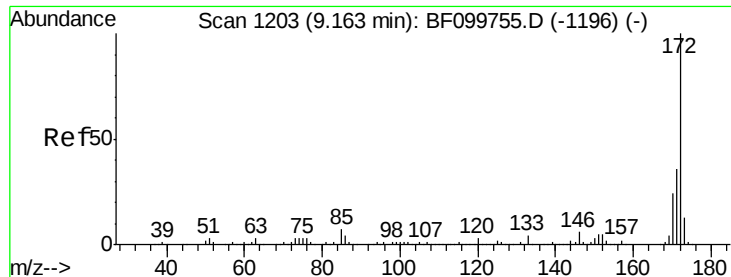


#41
 2,4,6-Tribromophenol
 Concen: 114.781 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100133.D
 Acq: 3 Nov 2017 14:40



Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	34.0	29.9	44.9	





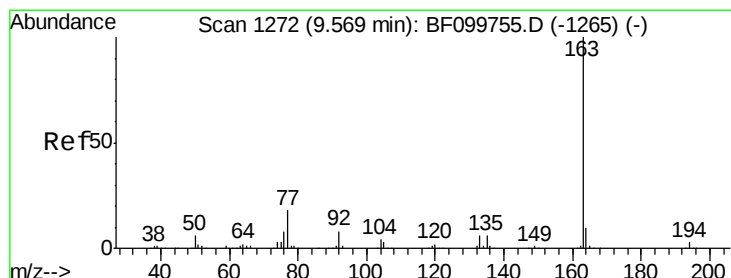
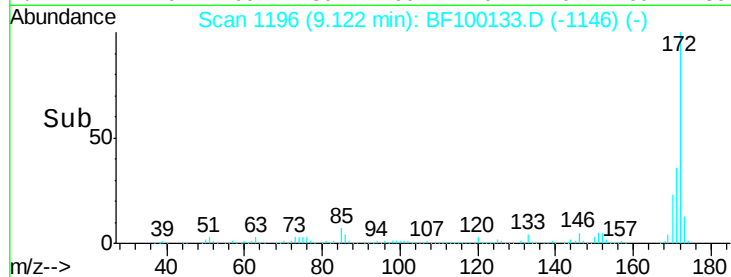
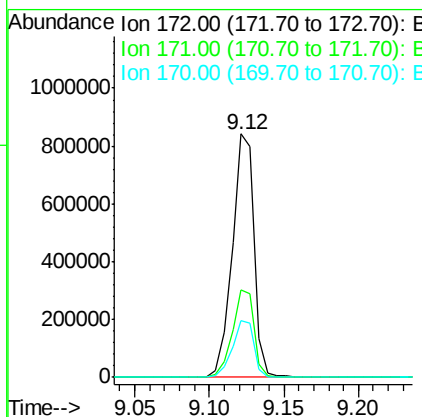
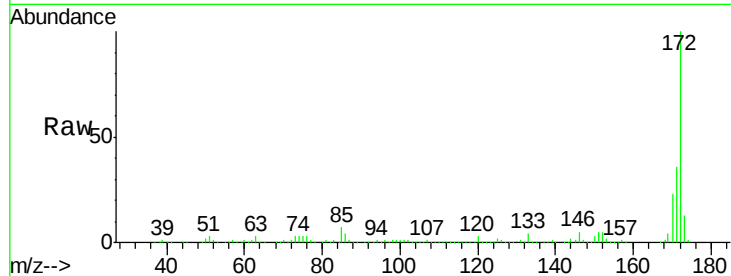
#44
2-Fluorobiphenyl
Concen: 76.069 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	868362		
171	36.2	29.7	44.5	
170	23.4	19.6	29.4	

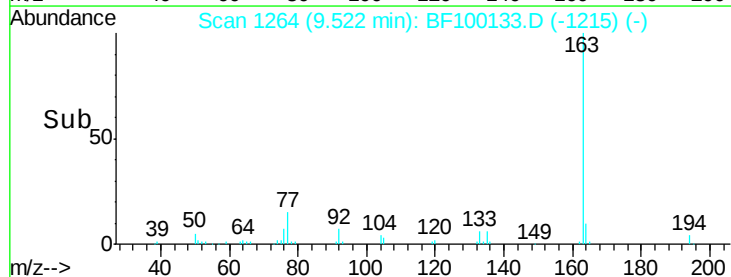
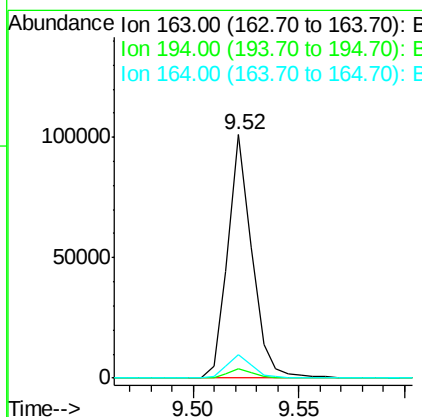
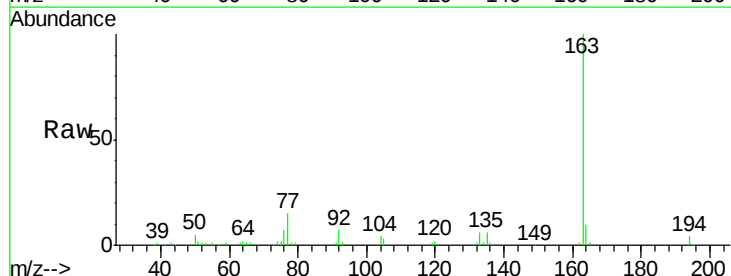
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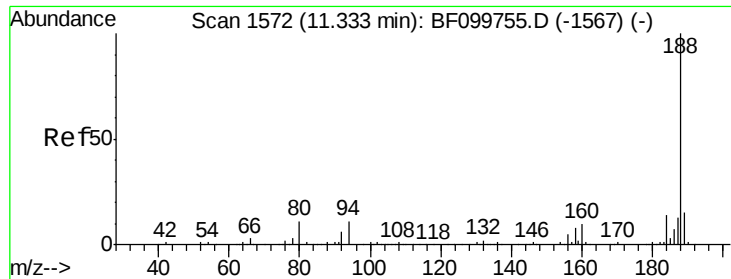
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#49
Dimethylphthalate
Concen: 5.742 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	80082		
194	3.7	2.7	4.1	
164	9.8	8.2	12.2	





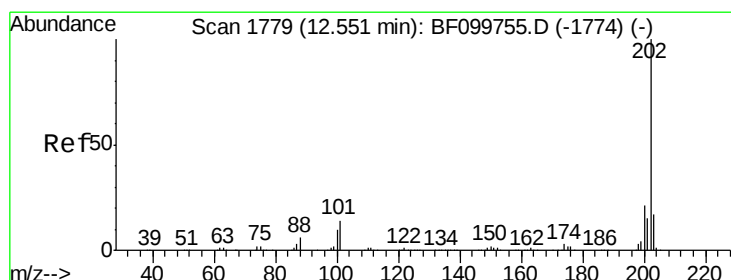
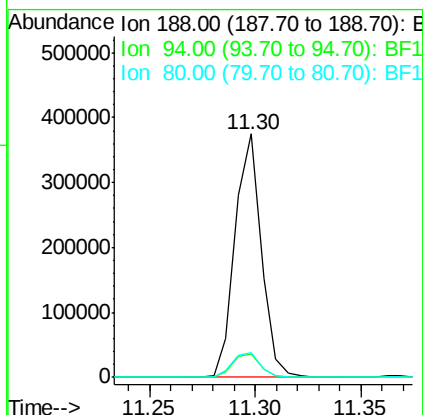
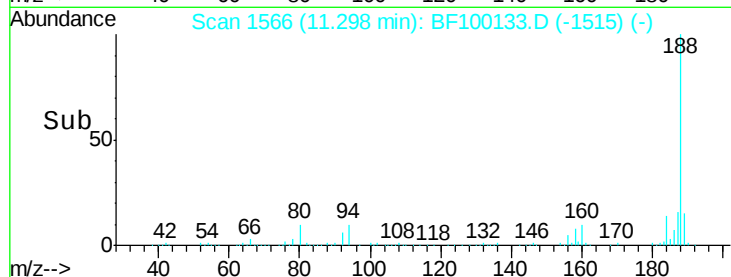
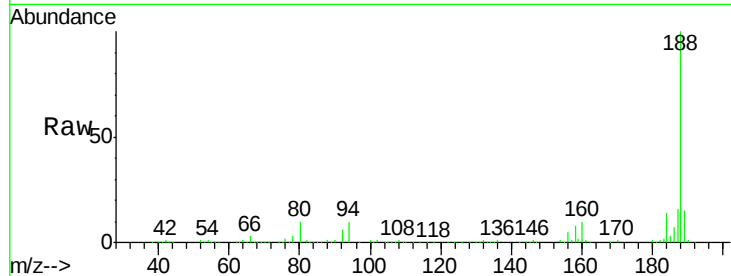
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	320966		
94	9.5	8.5	12.7	
80	10.2	9.2	13.8	

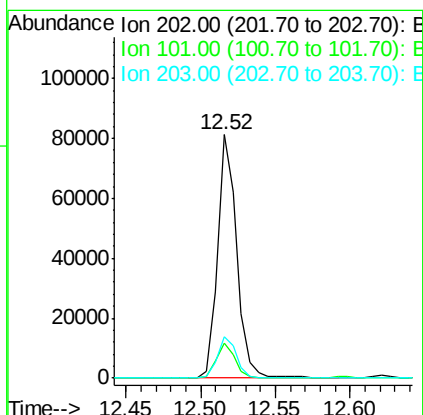
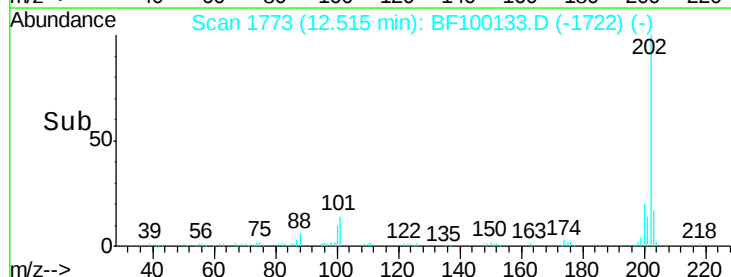
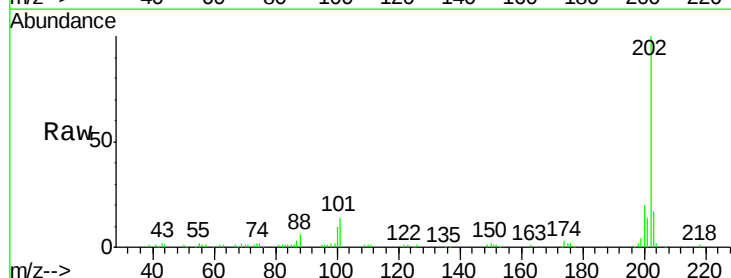
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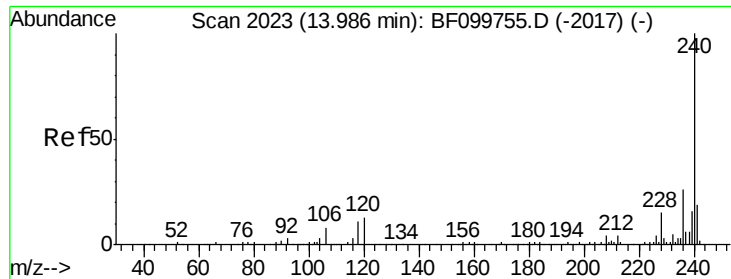
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#74
Fluoranthene
Concen: 3.865 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	72763		
101	14.4	0.0	34.1	
203	17.0	0.0	38.1	





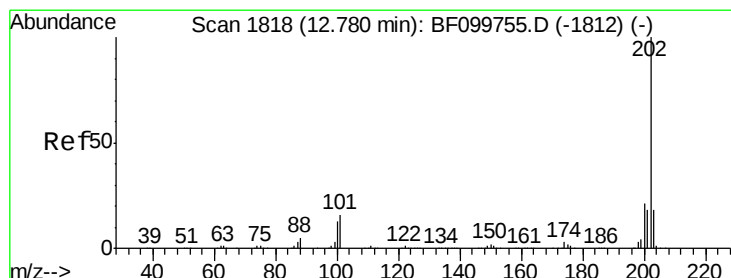
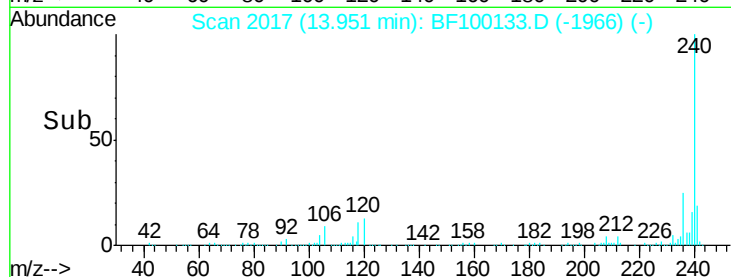
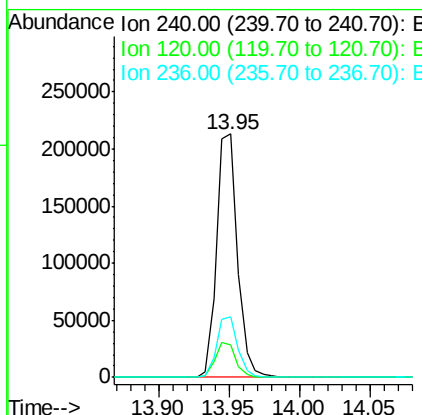
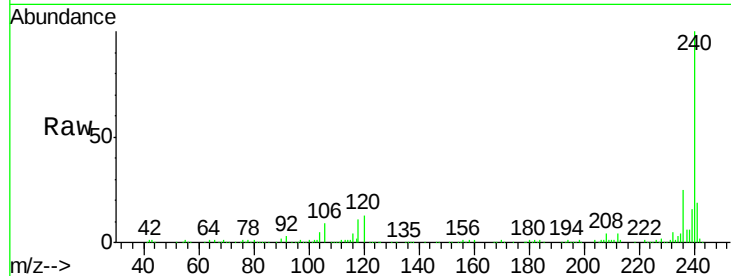
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	218685		
120	13.2	9.5	14.3	
236	25.0	20.7	31.1	

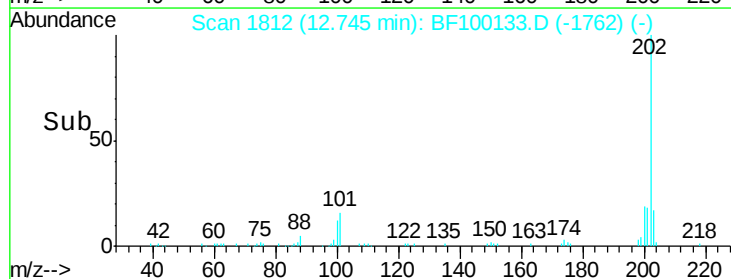
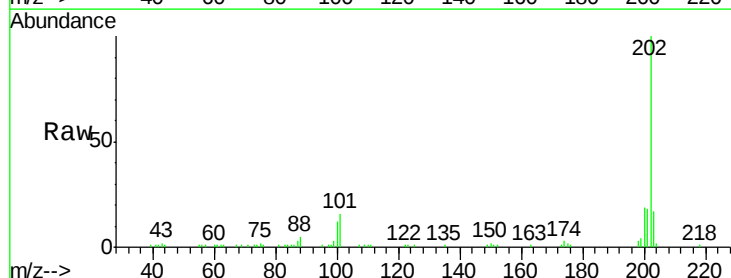
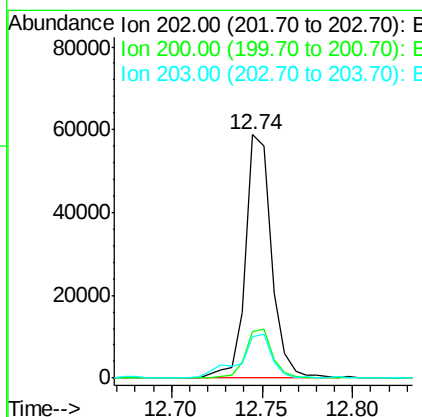
Manual Integrations
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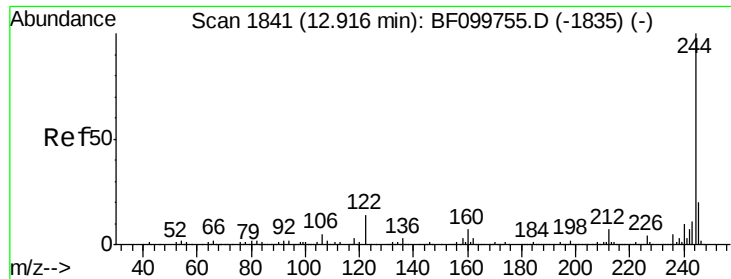
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#77
Pyrene
Concen: 3.520 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58525		
200	19.3	17.4	26.2	
203	17.0	14.3	21.5	





#78

Terphenyl-d14

Concen: 75.895 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF100133.D

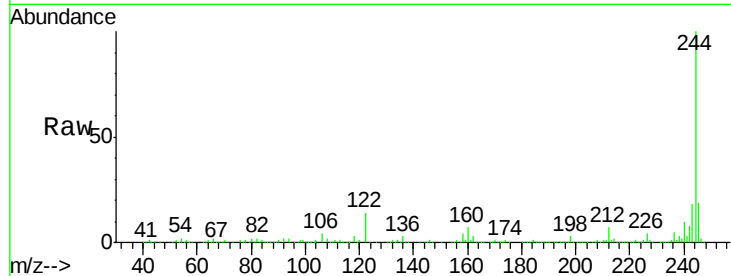
Acq: 3 Nov 2017 14:40

Instrument :

BNA_F

ClientSampled :

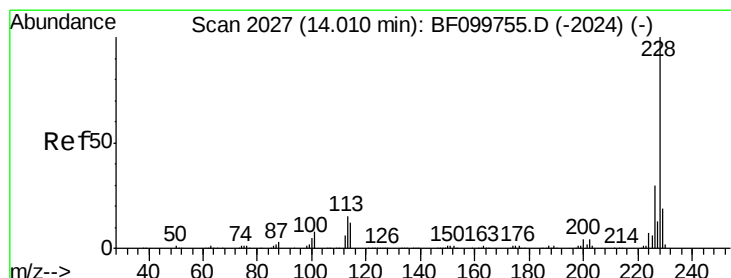
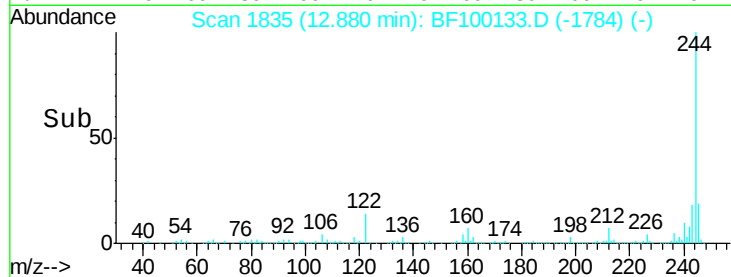
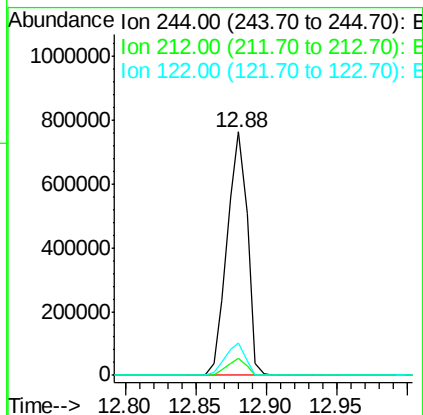
BOXWOOD-DR-2-4-12-14



Tgt Ion:	244	Resp:	759460
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4

Manual Integrations
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Sohil
11/4/2017 2:18:44 PM



#82

Chrysene

Concen: 2.167 ng

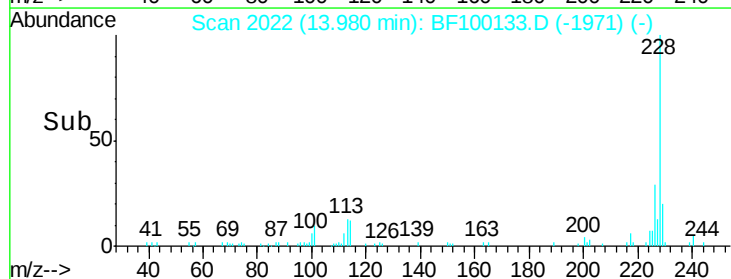
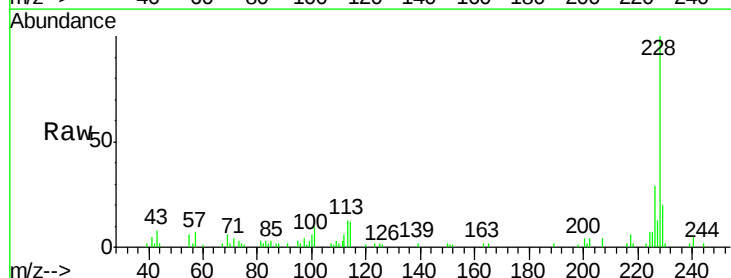
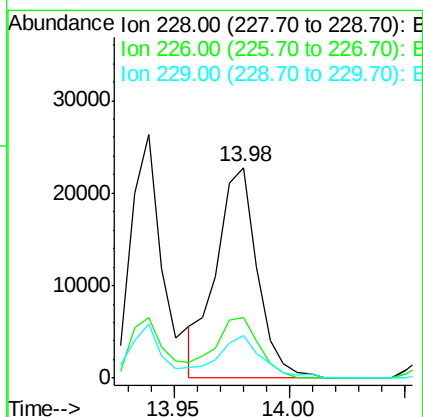
RT: 13.98 min Scan# 2022

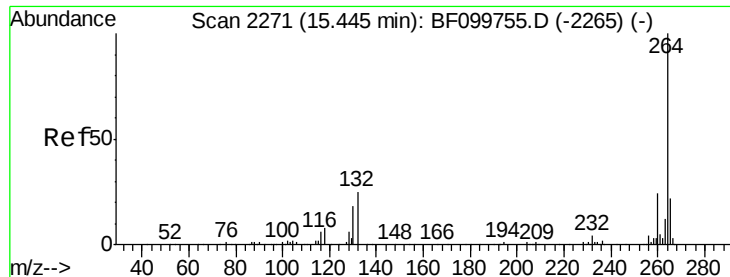
Delta R.T. -0.00 min

Lab File: BF100133.D

Acq: 3 Nov 2017 14:40

Tgt Ion:	228	Resp:	28244
Ion Ratio	Lower	Upper	
228	100		
226	28.9	25.0	37.6
229	20.2	16.2	24.4





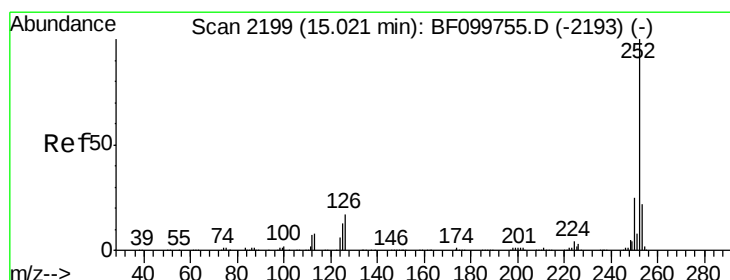
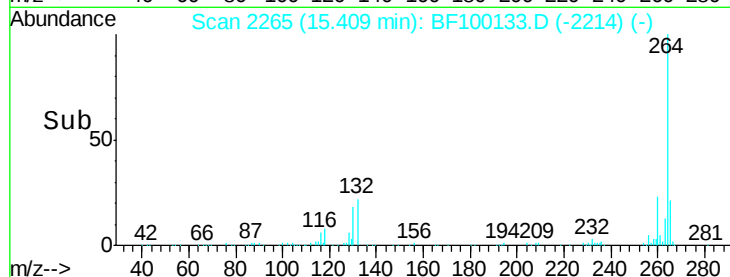
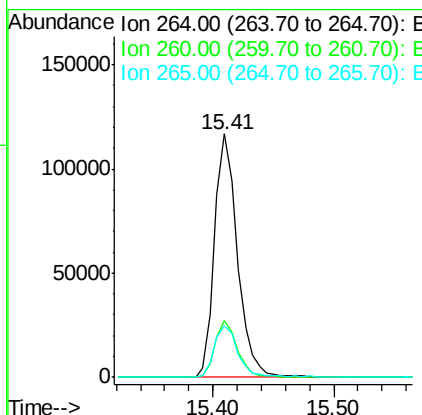
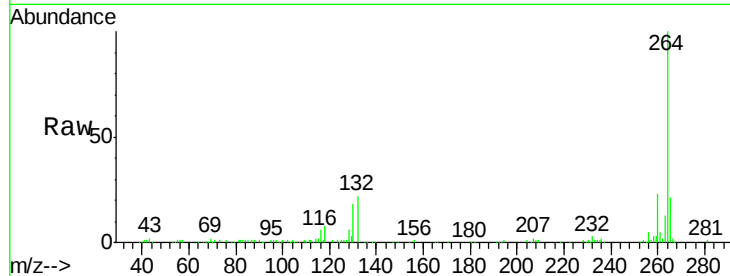
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Instrument :
BNA_F
ClientSampleId :
BOXWOOD-DR-2-4-12-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
11/4/2017 2:18:44 PM



#87
Benzo(b)fluoranthene
Concen: 3.017 ng m
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF100133.D
Acq: 3 Nov 2017 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	20.4	9.0	13.6

