

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101150.D
 Acq On : 6 Dec 2017 3:47
 Operator : SJ/JU
 Sample : I6702-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2-E(7-8)

Manual Integrations
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 12/6/2017 5:12:41 PM

Quant Time: Dec 06 05:57:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52420	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208853	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	92902	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	163547	20.00	ng	0.00
75) Chrysene-d12	14.02	240	105842	20.00	ng	0.00
86) Perylene-d12	15.49	264	115559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	312421	98.48	ng	0.00
7) Phenol-d6	6.48	99	374729	97.30	ng	0.00
23) Nitrobenzene-d5	7.41	82	230250	65.76	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	96929	86.85	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	414665	61.07	ng	0.00
78) Terphenyl-d14	12.96	244	308329	63.72	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12396	2.895	ng	94
49) Dimethylphthalate	9.60	163	33602	4.485	ng	100
77) Pyrene	12.82	202	20578	2.818	ng	98
87) Benzo(b)fluoranthene	15.06	252	16341m	2.361	ng	

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

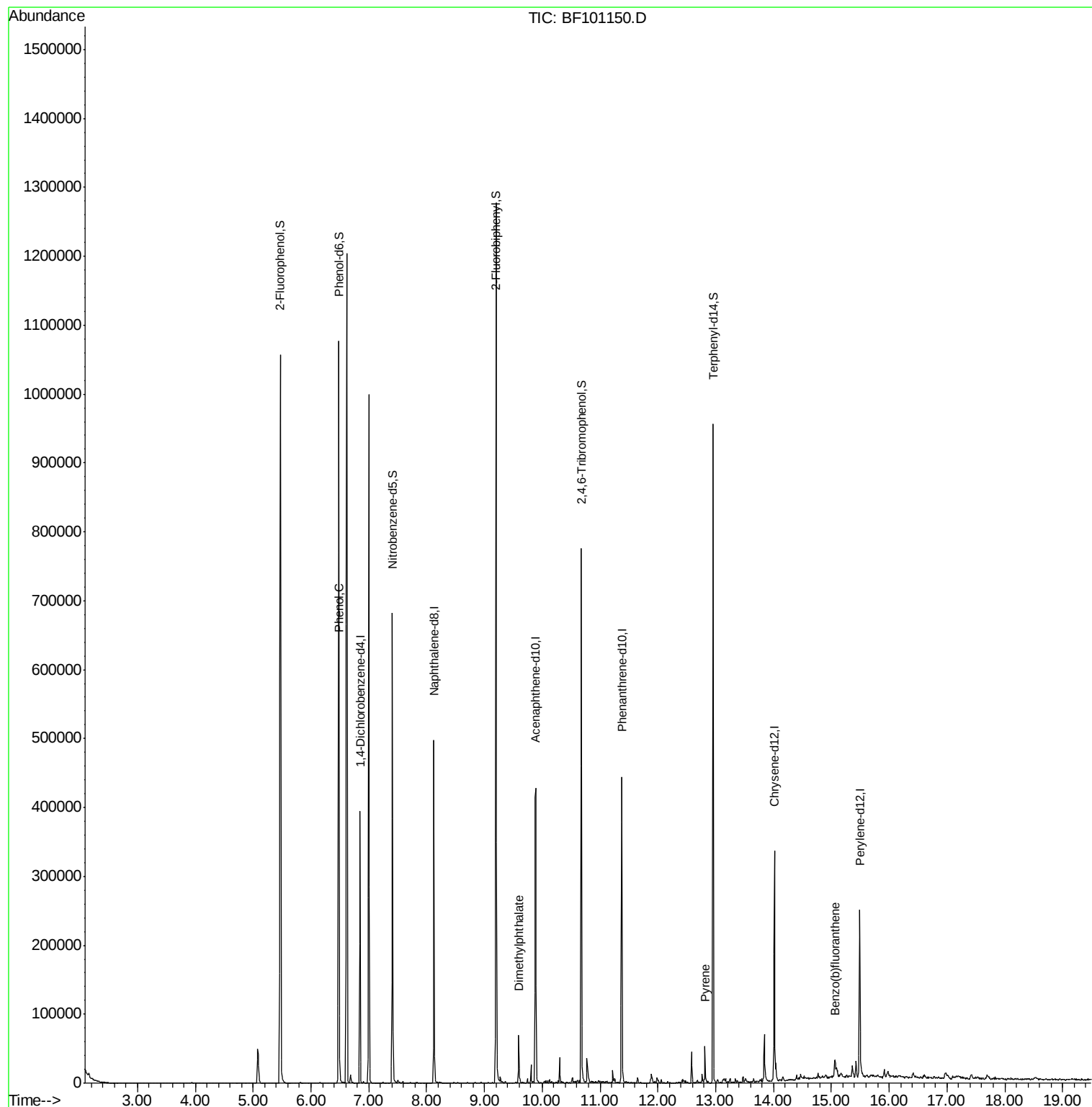
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
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ALS Vial : 37 Sample Multiplier: 1

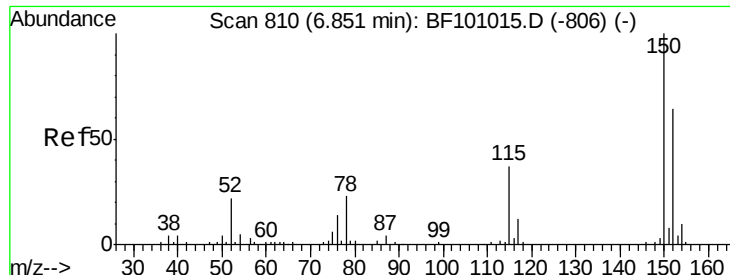
Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

Manual Integrations
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Quant Time: Dec 06 05:57:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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#1

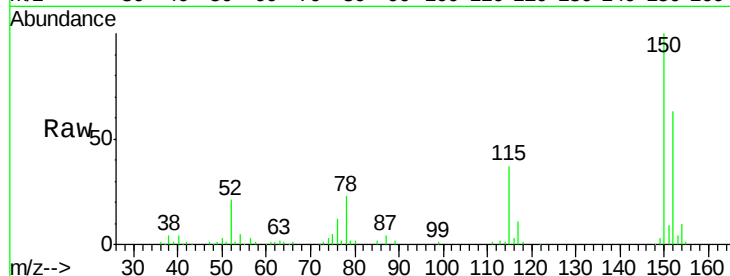
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

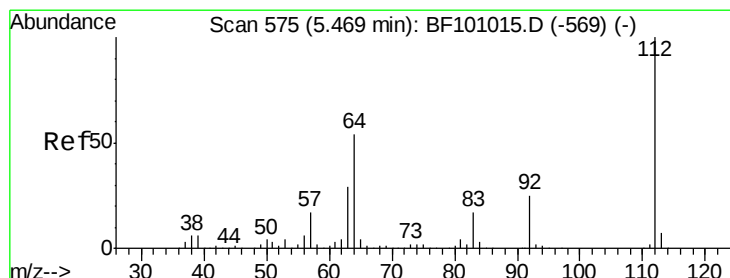
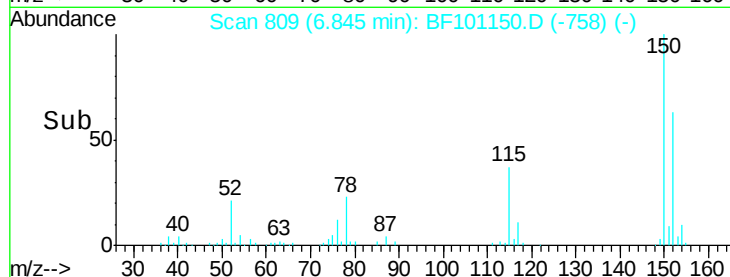
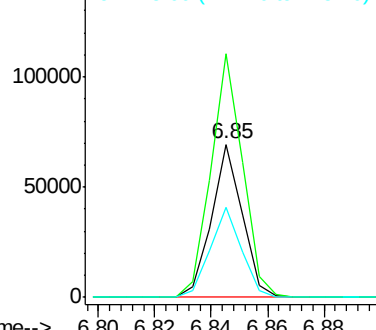
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	58.8	50.1	75.1

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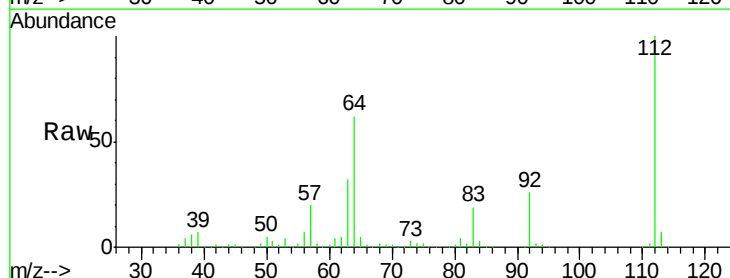
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



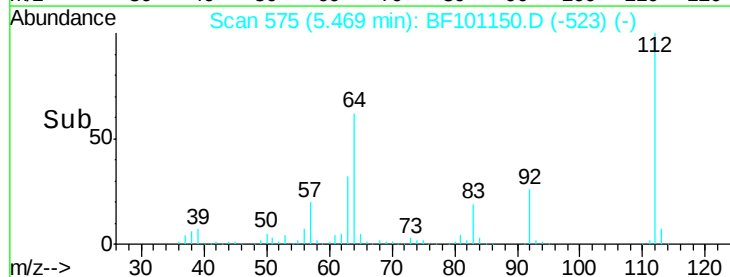
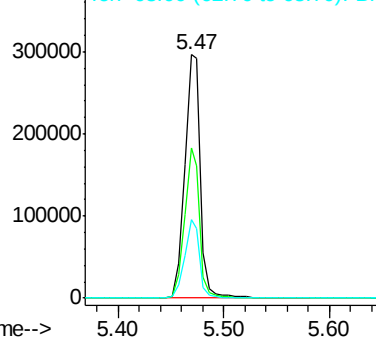
#5

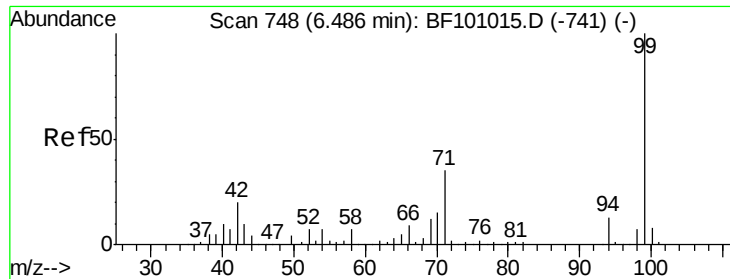
2-Fluorophenol
Concen: 98.485 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	32.0	23.7	35.5



Abundance 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





#7

Phenol-d6

Concen: 97.296 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

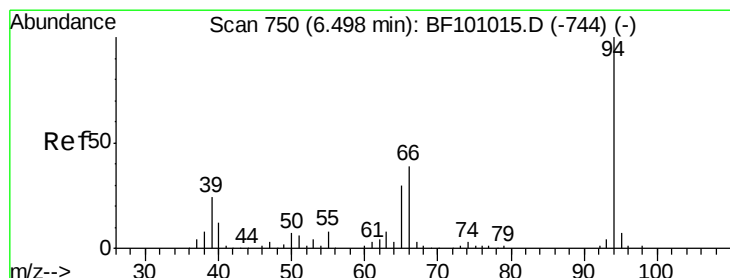
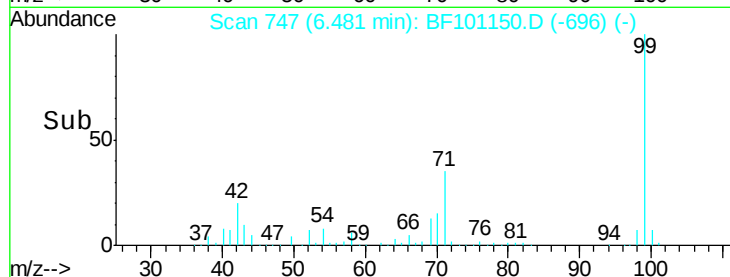
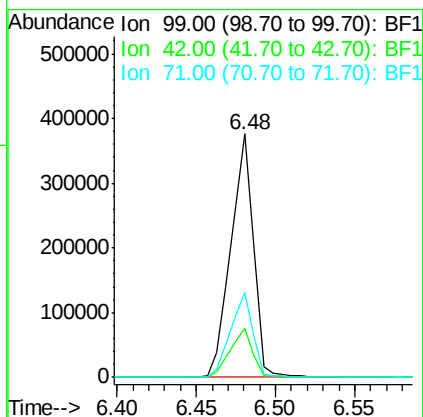
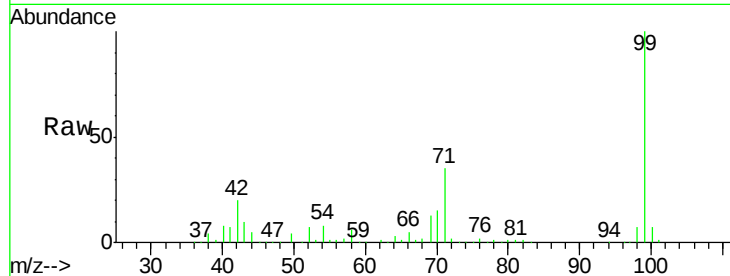
ClientSampled :

MH-2-E(7-8)

Tot Ion:	99	Resp:	374729
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.5	21.7
71	35.1	25.4	38.0

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#10

Phenol

Concen: 2.895 ng

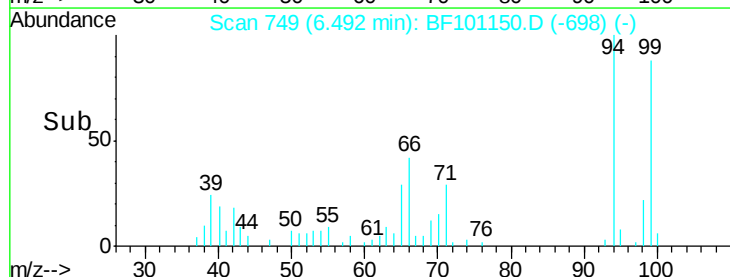
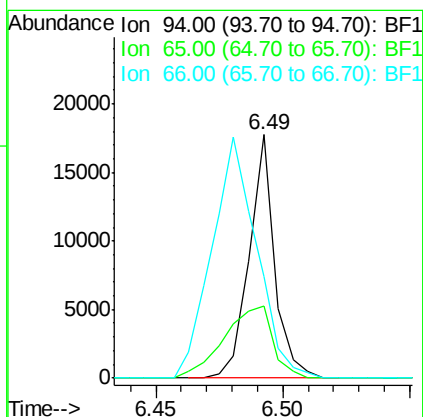
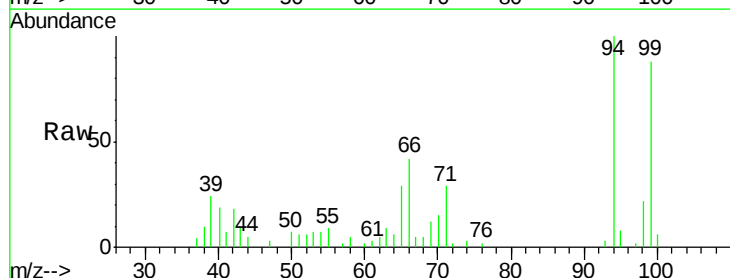
RT: 6.49 min Scan# 749

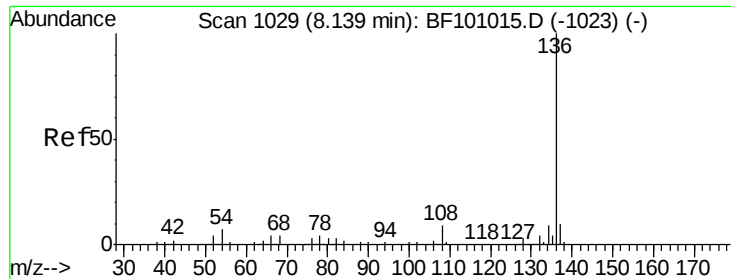
Delta R.T. 0.00 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

Tgt Ion:	94	Resp:	12396
Ion Ratio	Lower	Upper	
94	100		
65	29.4	7.9	47.9
66	41.6	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: BF101150.D

Acq: 6 Dec 2017 3:47

Instrument :

BNA_F

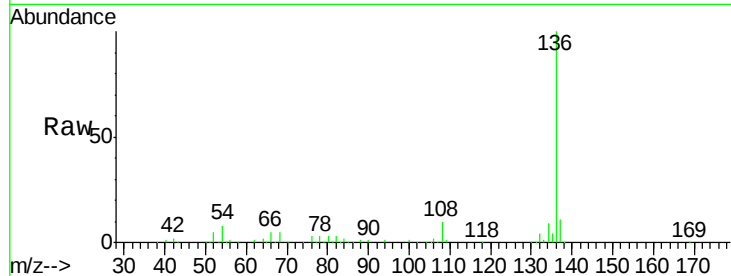
ClientSampleId :

MH-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.1	5.0	7.4

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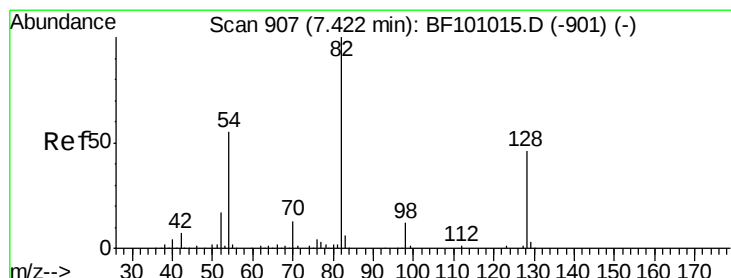
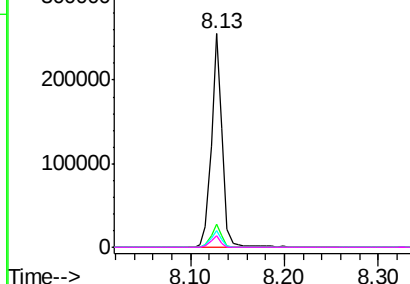
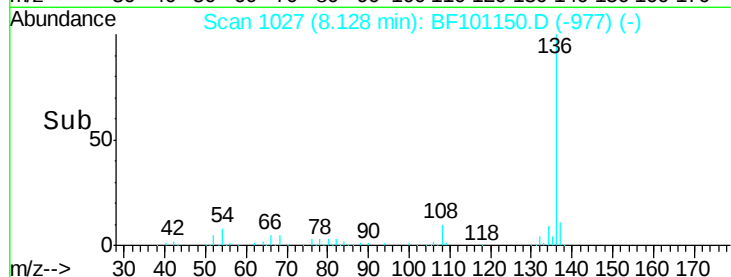


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 65.765 ng

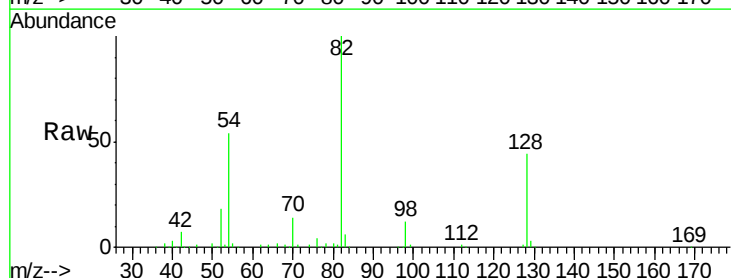
RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101150.D

Acq: 6 Dec 2017 3:47

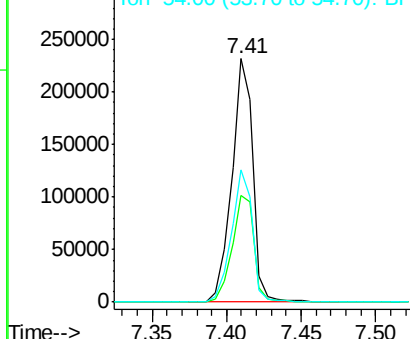
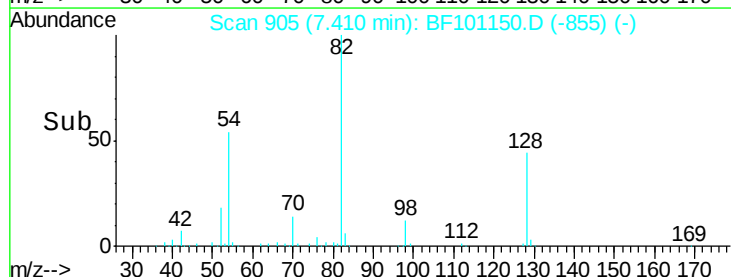
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.9	36.1	54.1
54	54.1	41.4	62.2

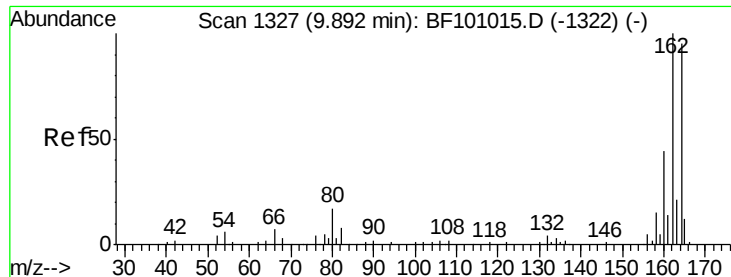


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





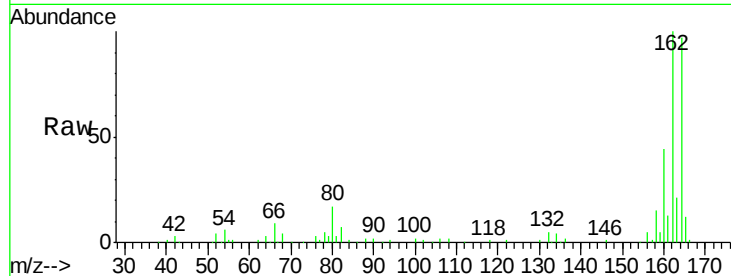
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

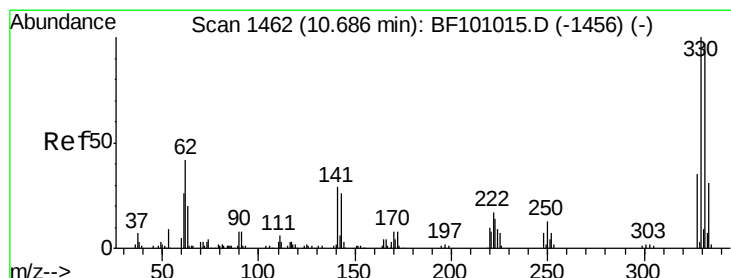
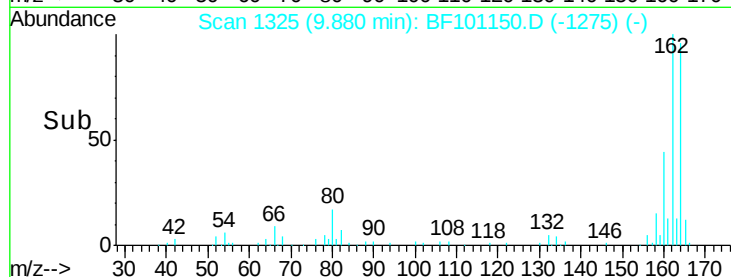
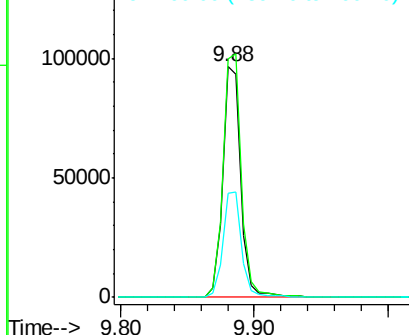
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.2	38.3	57.5

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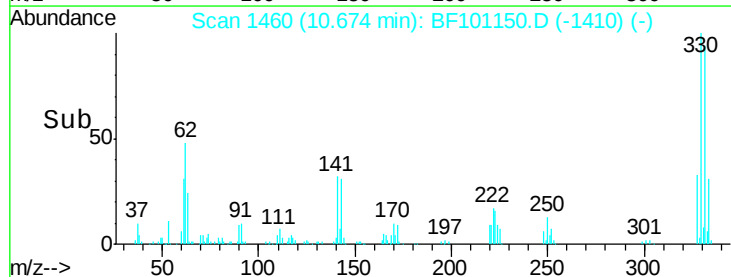
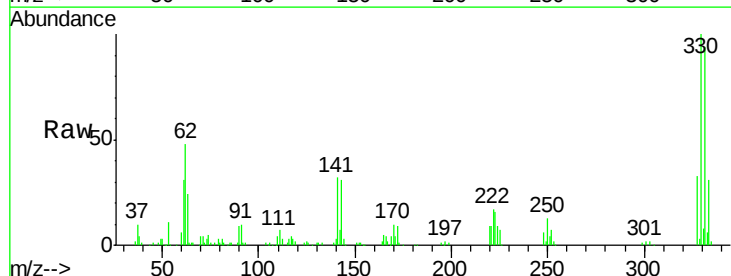
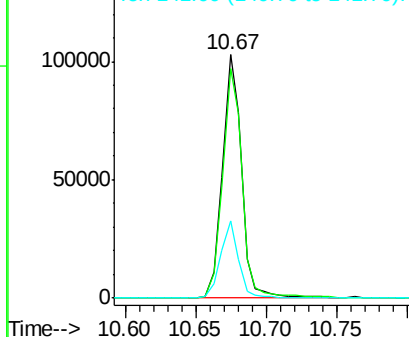
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

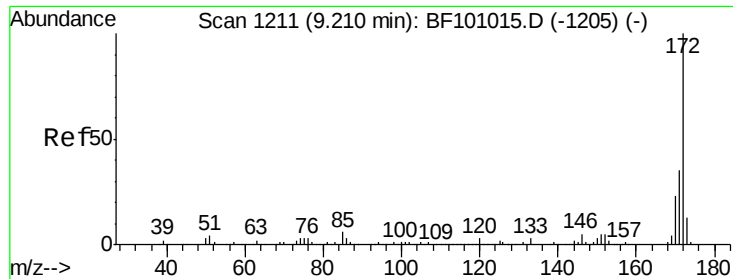


#41
2,4,6-Tribromophenol
Concen: 86.853 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.9	29.9	44.9

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





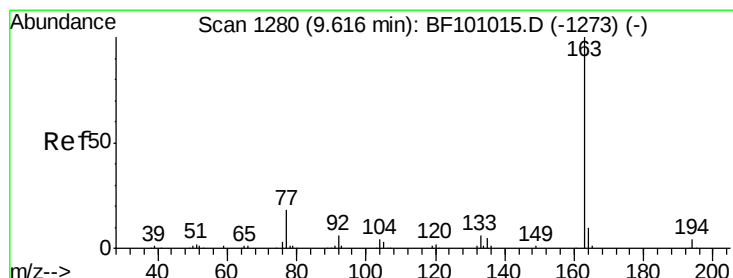
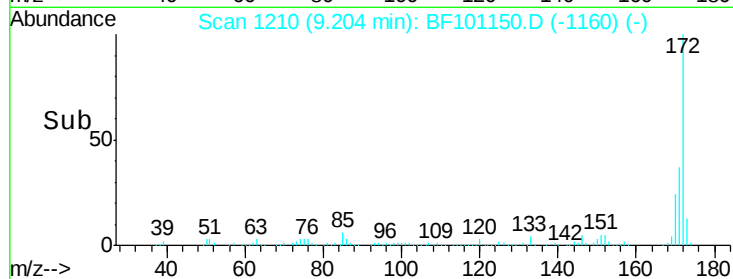
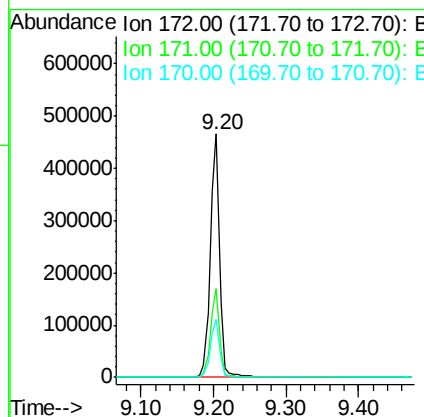
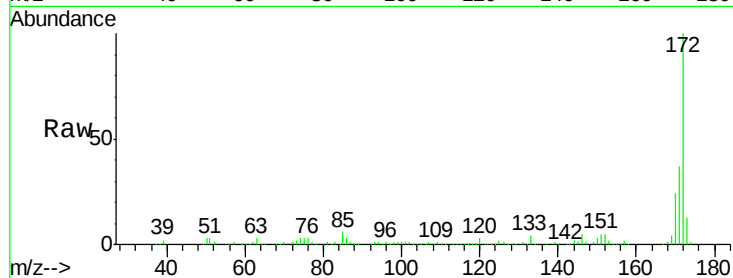
#44
2-Fluorobiphenyl
Concen: 61.069 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	29.7	44.5	
170	23.8	19.6	29.4	

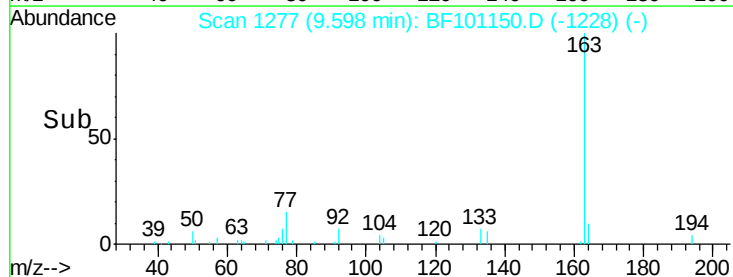
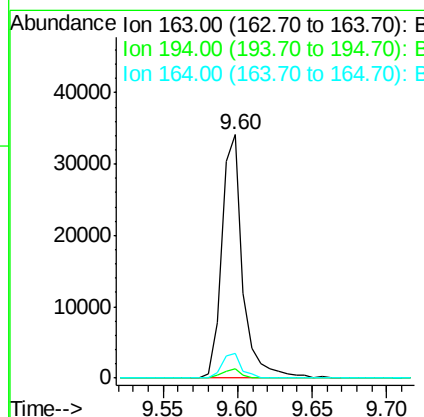
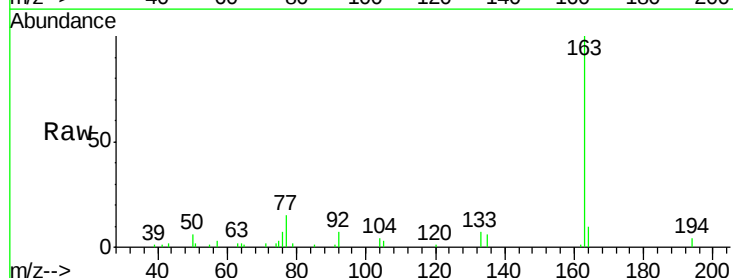
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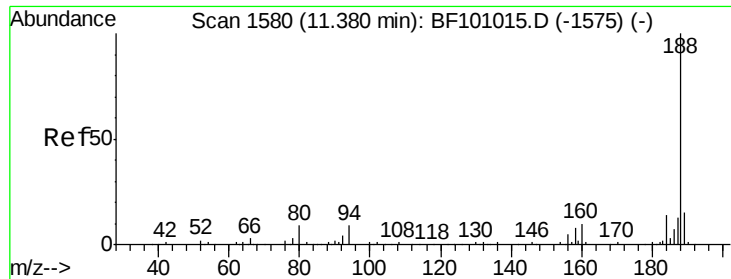
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#49
Dimethylphthalate
Concen: 4.485 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.7	4.1	
164	10.1	8.2	12.2	





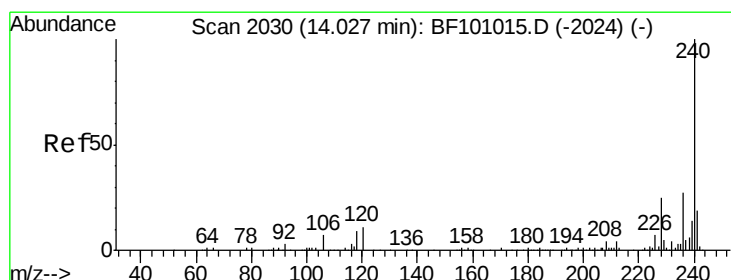
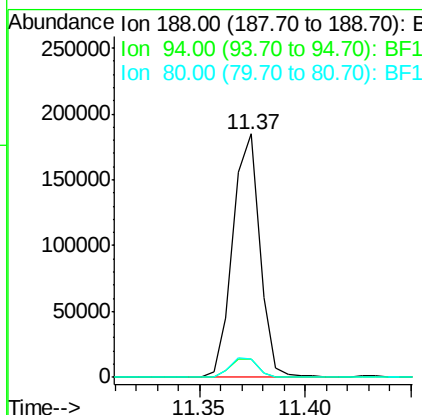
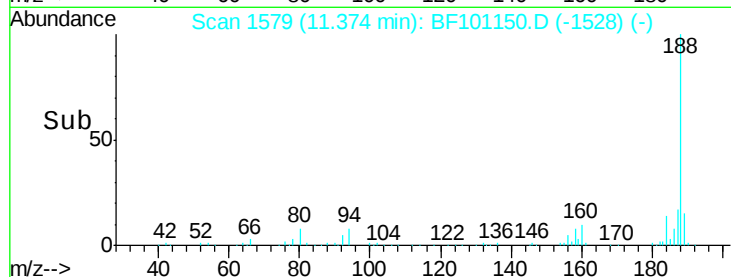
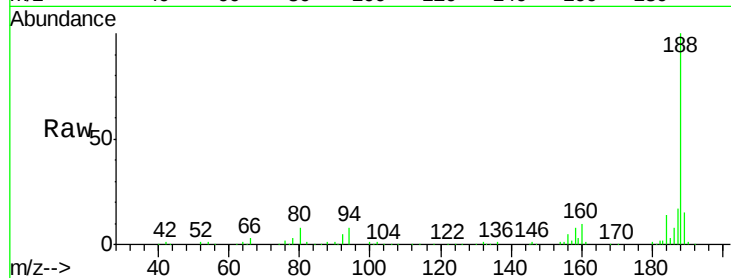
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	7.8	9.2	13.8#

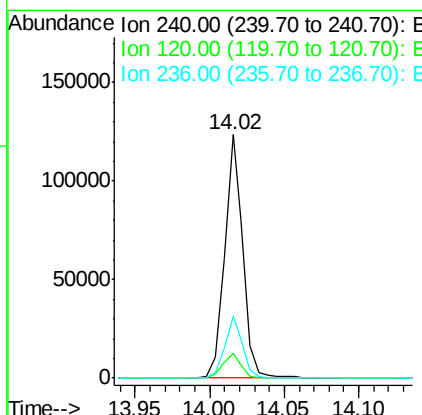
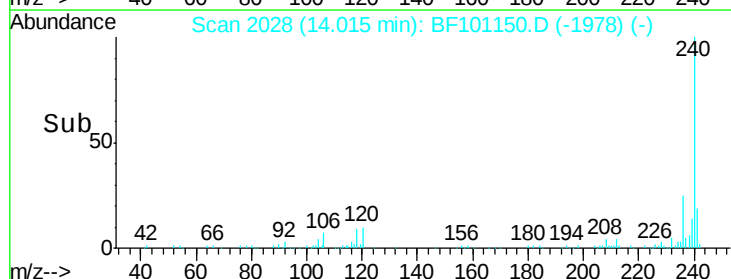
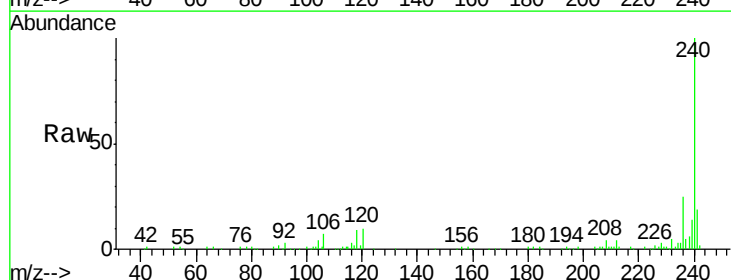
Manual Integrations
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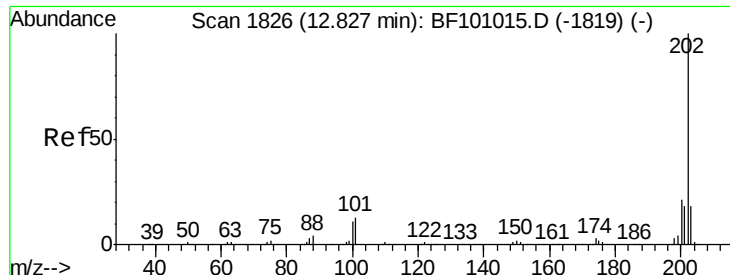
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.5	20.7	31.1





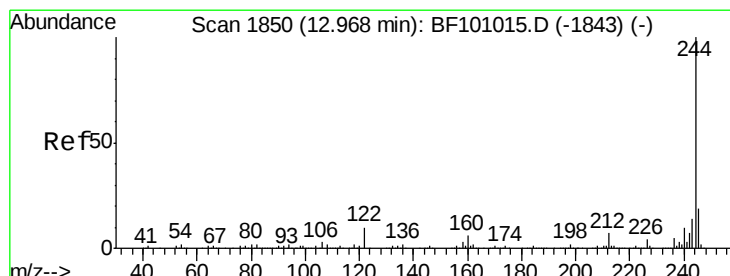
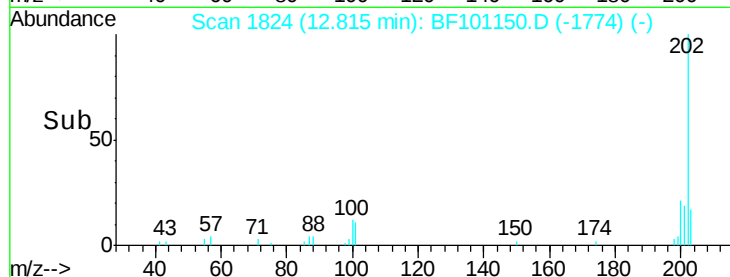
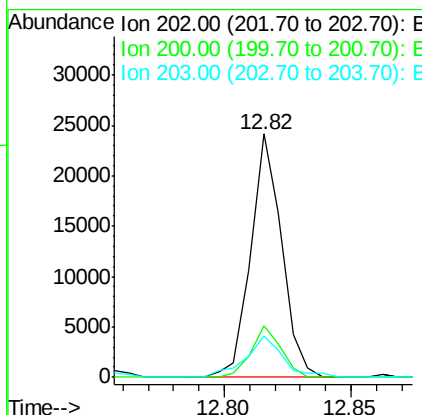
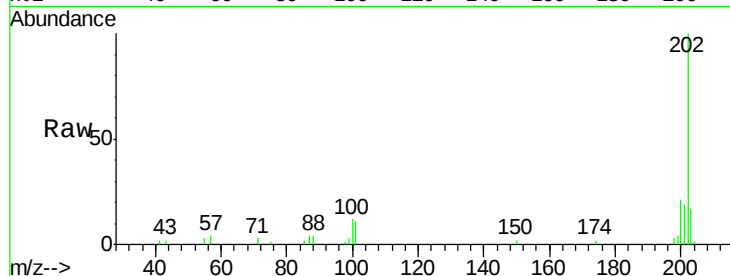
#77
Pvrene
Concen: 2.818 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5

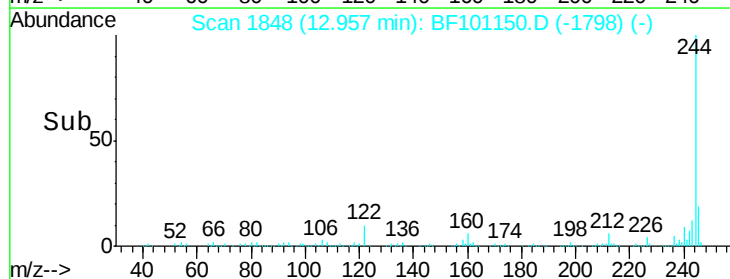
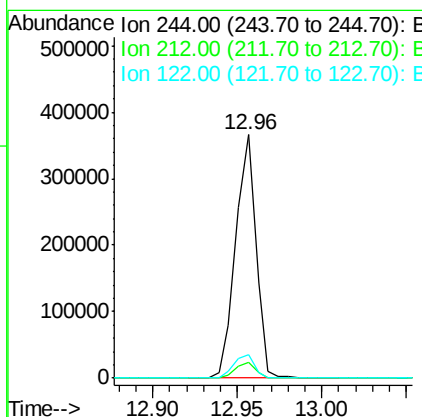
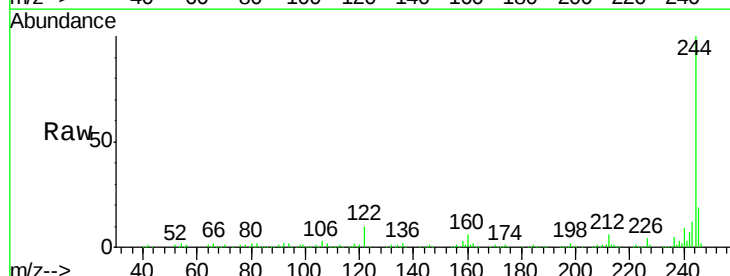
Manual Integrations
APPROVED

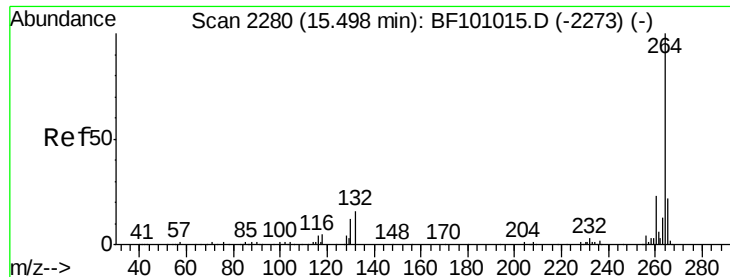
Sohil
12/6/2017 5:12:41 PM



#78
Terphenyl-d14
Concen: 63.717 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.7	11.0	16.4#





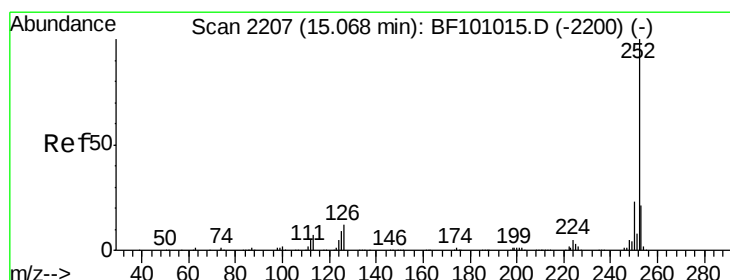
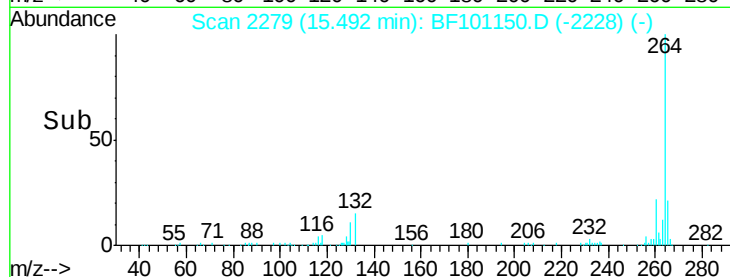
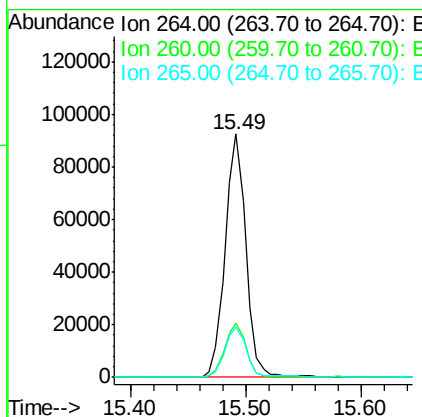
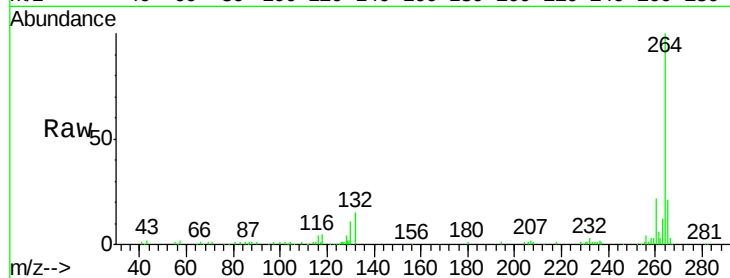
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.7	17.5	26.3

Manual Integrations
APPROVED

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#87
Benzo(b)fluoranthene
Concen: 2.361 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101150.D
Acq: 6 Dec 2017 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.6#
125	11.2	9.0	13.6

