

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101360.D
 Acq On : 13 Dec 2017 5:58
 Operator : SJ/JU
 Sample : I6764-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(4-5)

Manual Integrations
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Quant Time: Dec 13 13:30:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	40577	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	148322	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	60206	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	102927	20.00	ng	0.00
75) Chrysene-d12	14.01	240	82003	20.00	ng	0.00
86) Perylene-d12	15.49	264	62409	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	233797	95.21	ng	0.00
7) Phenol-d6	6.46	99	279128	93.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	154651	62.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	51782	71.60	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	340917	77.47	ng	0.00
78) Terphenyl-d14	12.94	244	280906	74.93	ng	0.00
Target Compounds						
10) Phenol	6.47	94	10368	3.128	ng	79
49) Dimethylphthalate	9.57	163	31128	6.411	ng	99
74) Fluoranthene	12.57	202	23395	3.724	ng	94
77) Pyrene	12.80	202	24418	4.315	ng	98
80) Benzo(a)anthracene	14.00	228	13522	2.612	ng	# 92
87) Benzo(b)fluoranthene	15.06	252	14363m	3.842	ng	
89) Benzo(a)pyrene	15.43	252	10608	3.121	ng	# 83
91) Benzo(g,h,i)perylene	17.44	276	7176	2.542	ng	98

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

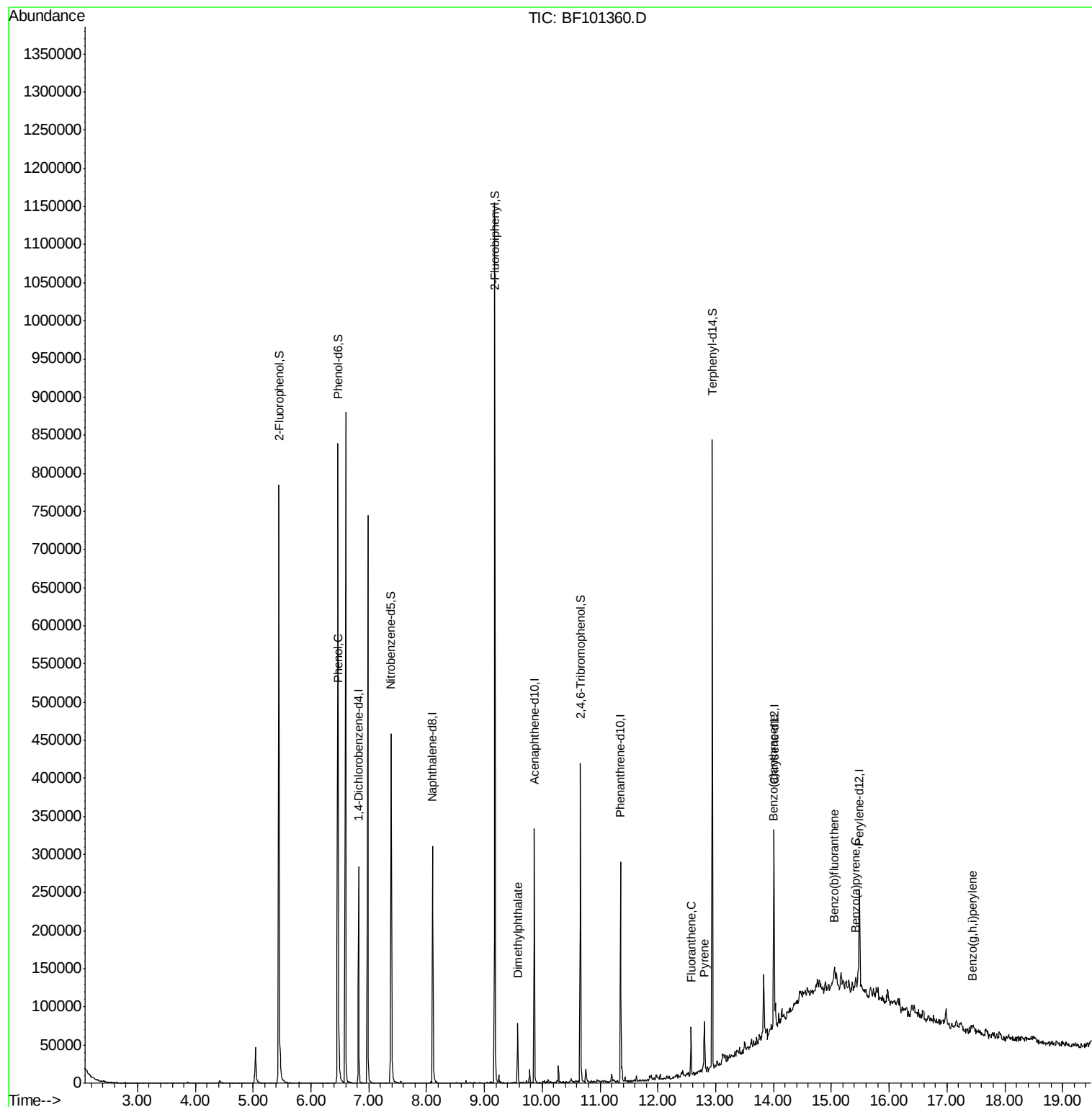
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101360.D
Acq On : 13 Dec 2017 5:58
Operator : SJ/JU
Sample : I6764-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

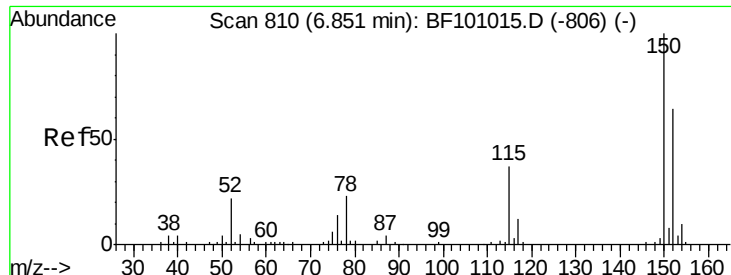
Instrument :
BNA_F
ClientSampleId :
MAP-1-E(4-5)

Manual Integrations
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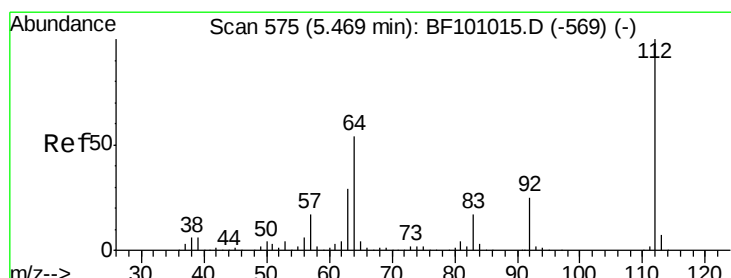
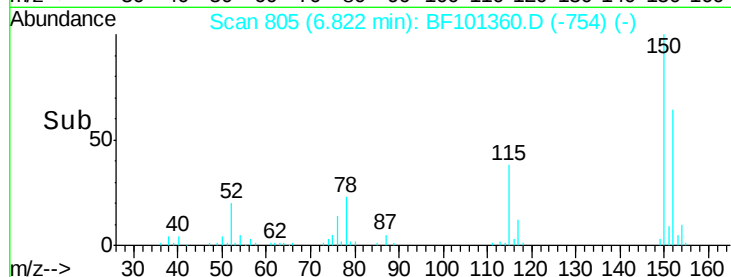
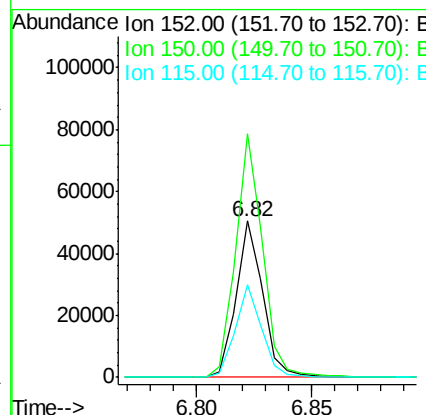
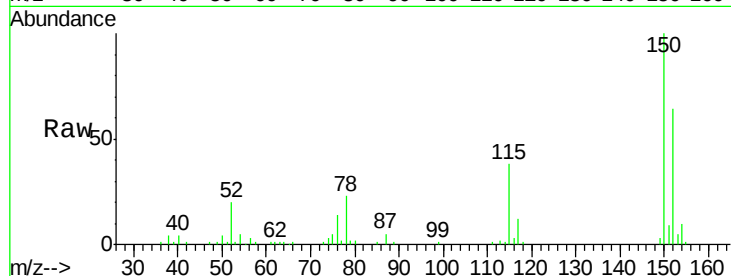
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF101360.D
 Acq: 13 Dec 2017 5:58

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(4-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	58.8	50.1	75.1

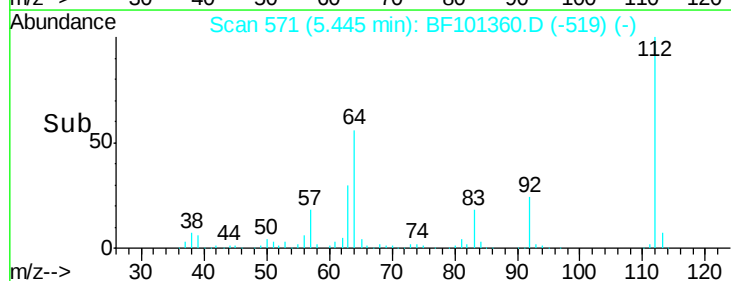
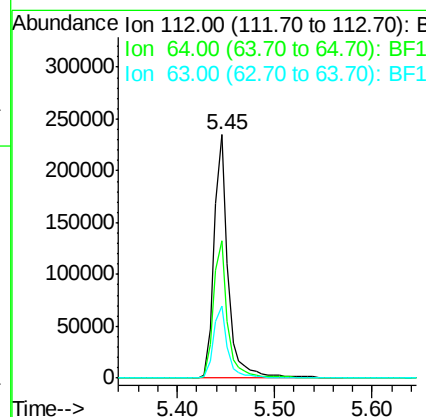
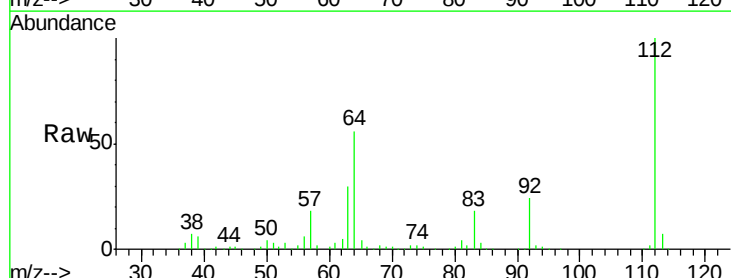
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#5
 2-Fluorophenol
 Concen: 95.211 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF101360.D
 Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 93.626 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101360.D

Acq: 13 Dec 2017 5:58

Instrument :

BNA_F

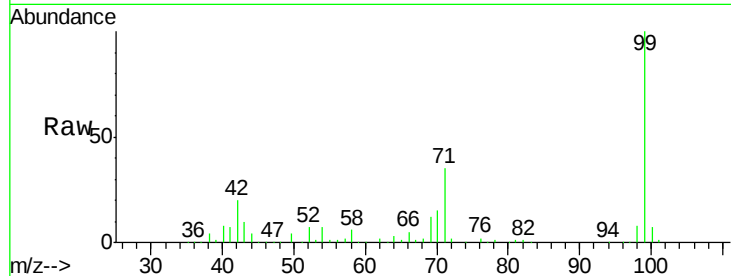
ClientSampleId :

MAP-1-E(4-5)

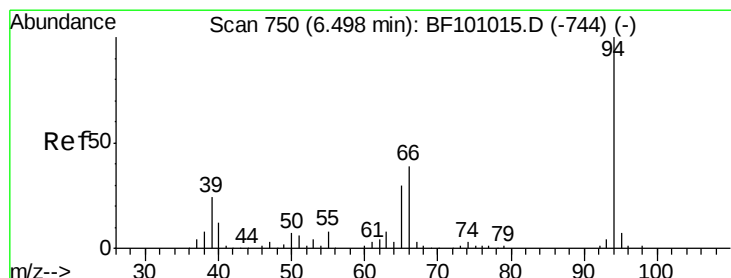
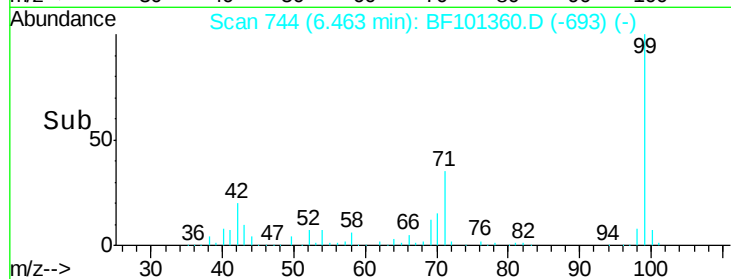
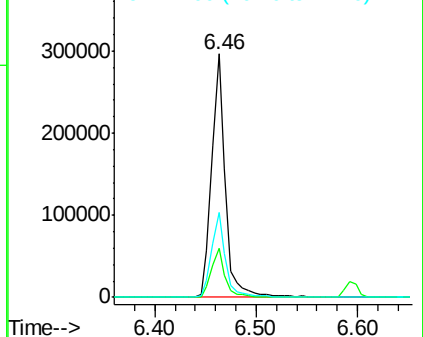
Tot Ion:	99	Resp:	279128
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	34.8	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.128 ng

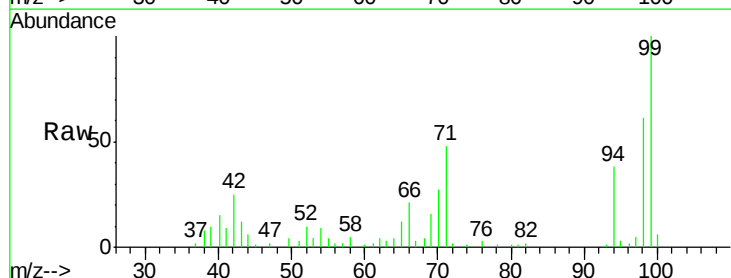
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

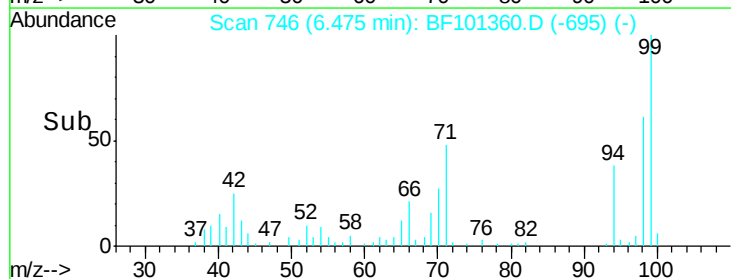
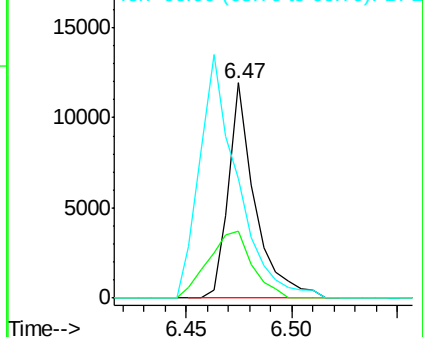
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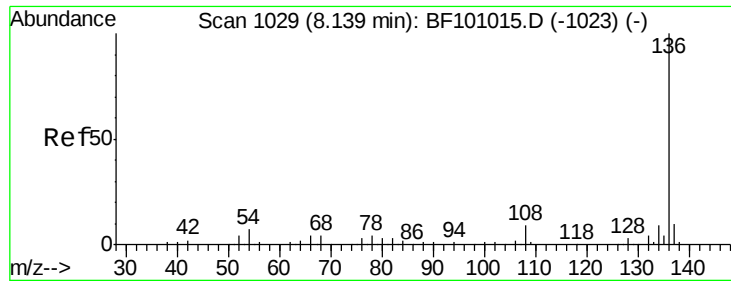
Acq: 13 Dec 2017 5:58

Tgt Ion:	94	Resp:	10368
Ion Ratio	Lower	Upper	
94	100		
65	31.0	7.9	47.9
66	55.2	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





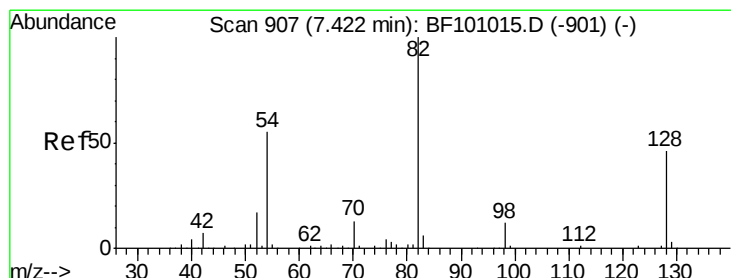
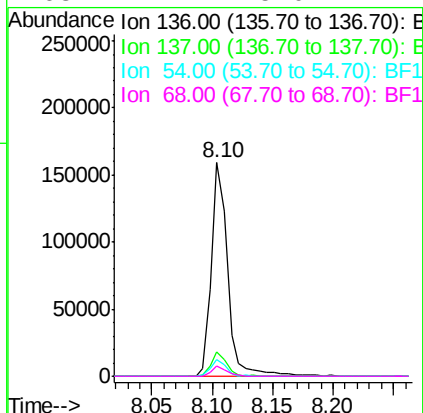
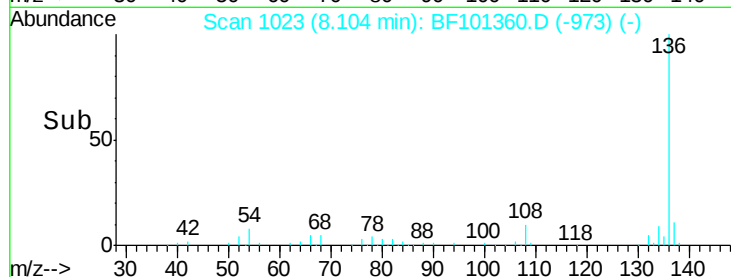
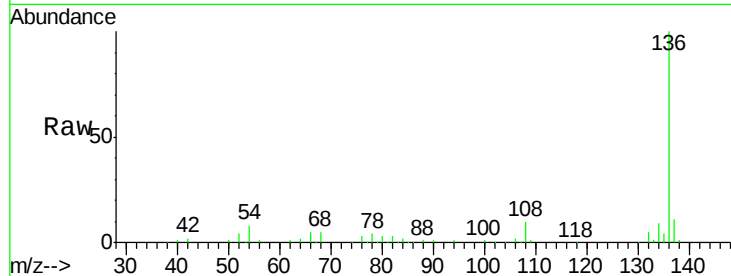
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(4-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		8.9	13.3	
54	7.9		6.6	9.8	
68	4.7		5.0	7.4	

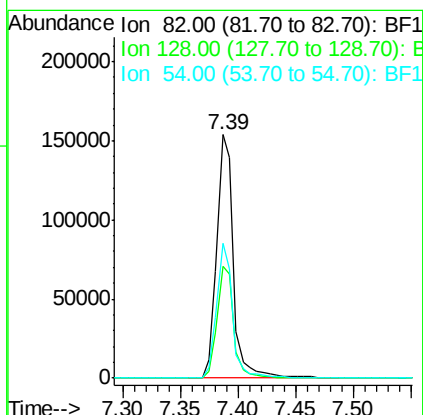
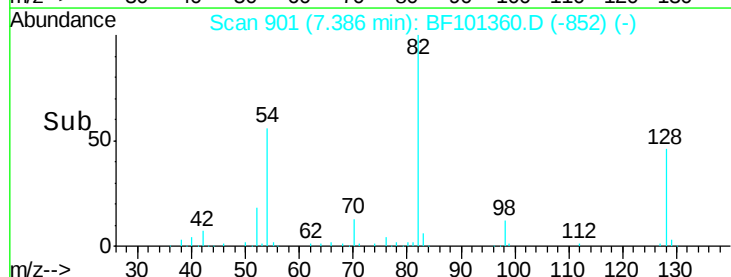
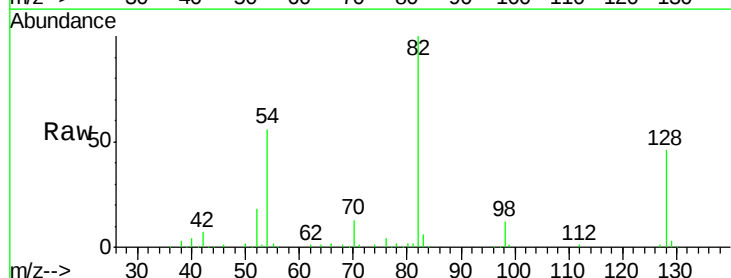
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#23
Nitrobenzene-d5
Concen: 62.199 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.8		36.1	54.1	
54	55.6		41.4	62.2	





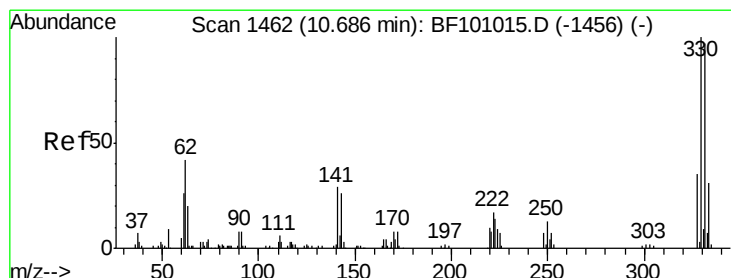
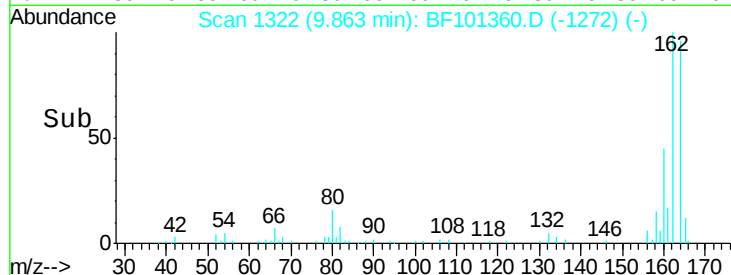
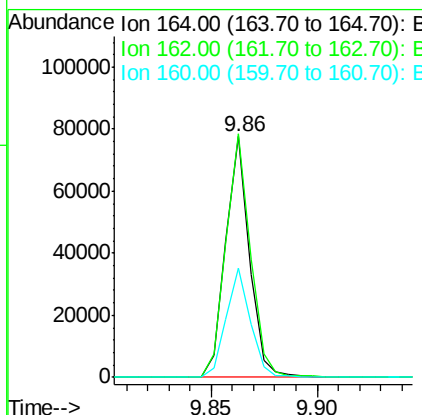
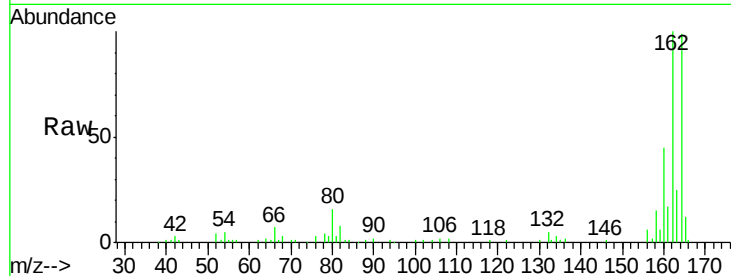
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampled :
MAP-1-E(4-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.5	38.3	57.5

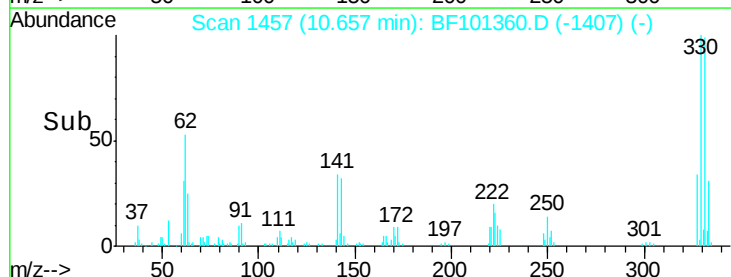
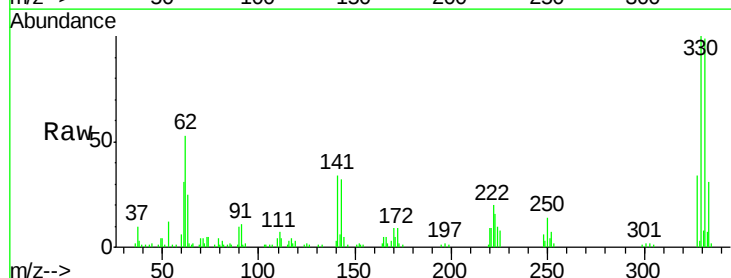
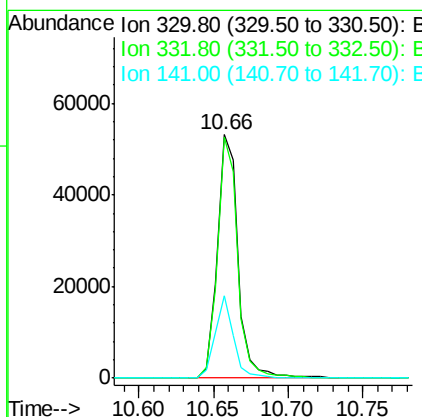
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#41
2,4,6-Tribromophenol
Concen: 71.597 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.2	29.9	44.9#





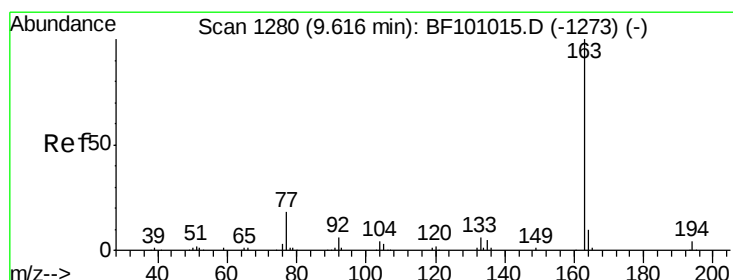
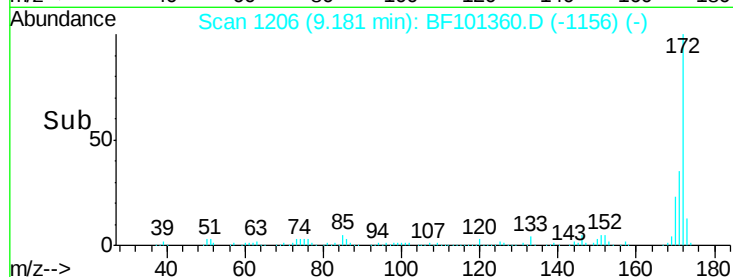
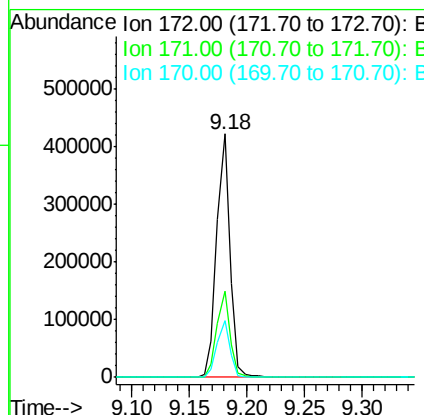
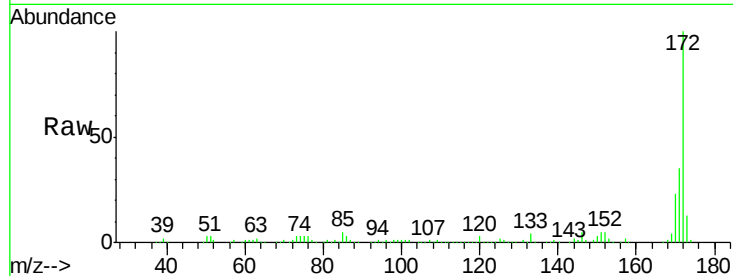
#44
2-Fluorobiphenyl
Concen: 77.474 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampled :
MAP-1-E(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	340917		
171	35.5	29.7	44.5	
170	23.3	19.6	29.4	

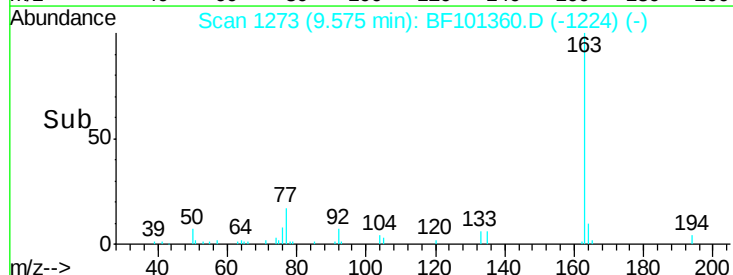
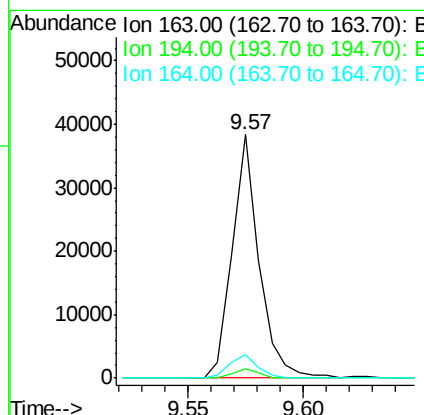
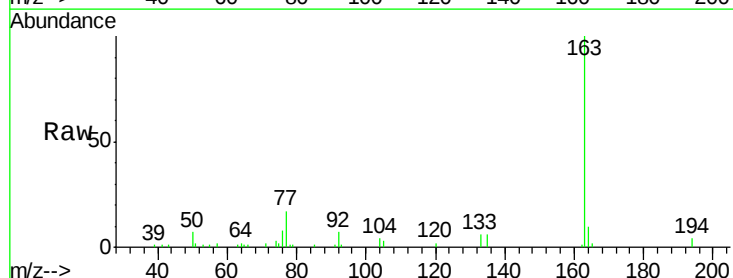
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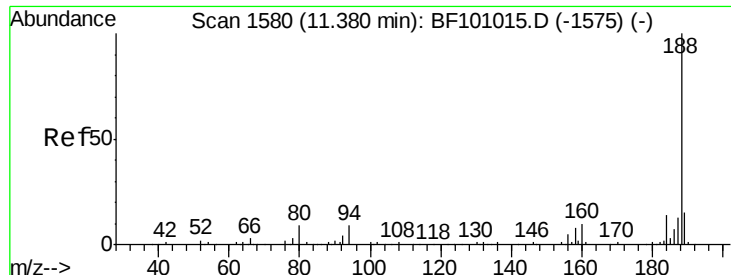
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#49
Dimethylphthalate
Concen: 6.411 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	31128		
194	3.9	2.7	4.1	
164	9.8	8.2	12.2	





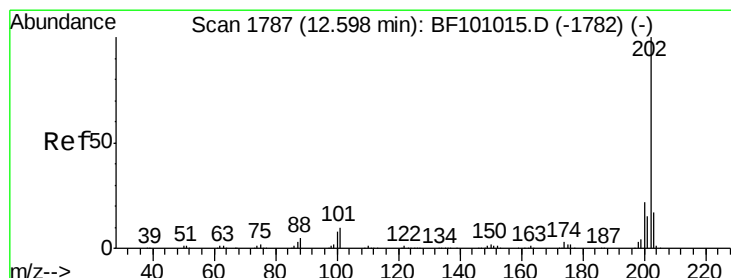
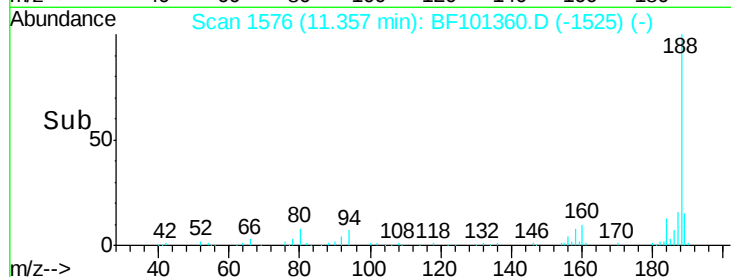
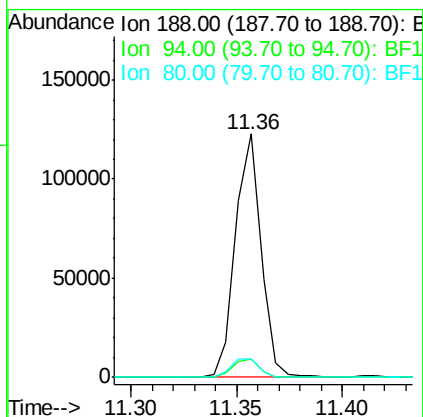
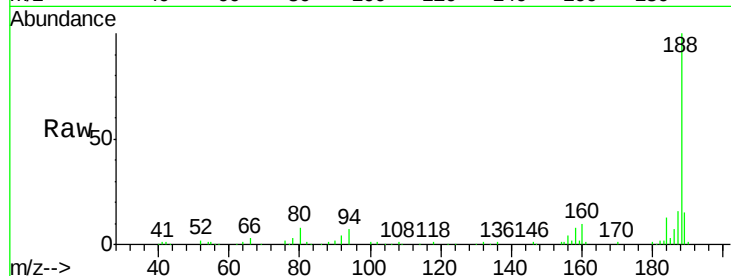
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(4-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	7.6	9.2	13.8#

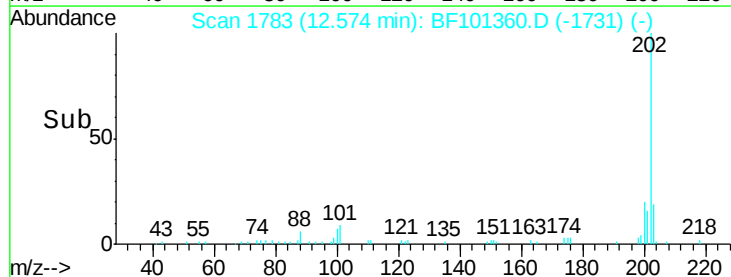
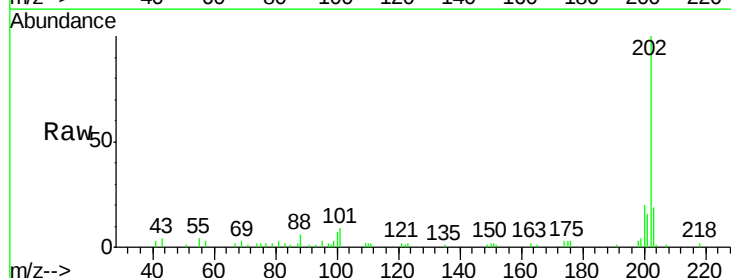
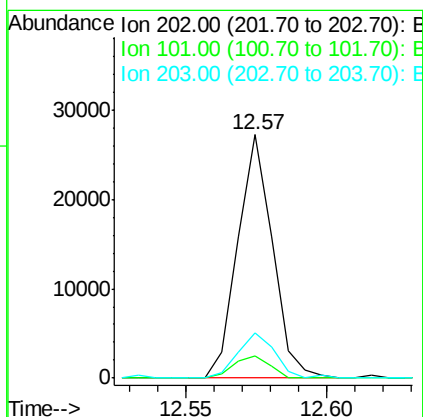
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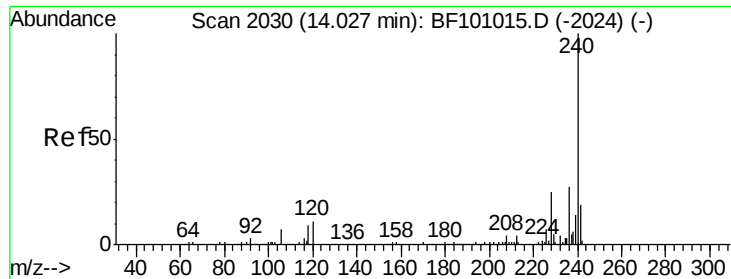
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#74
Fluoranthene
Concen: 3.724 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	0.0	34.1
203	18.6	0.0	38.1





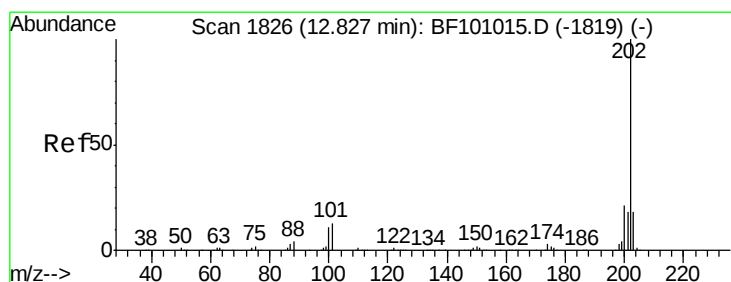
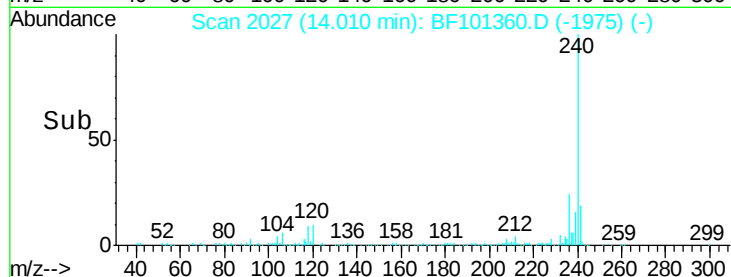
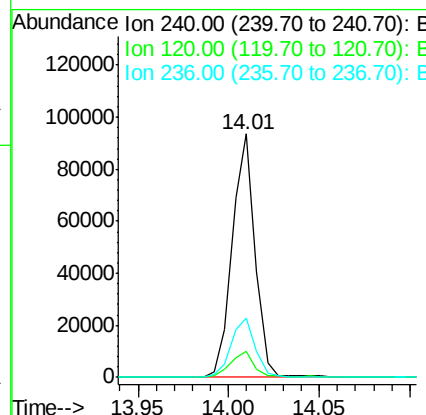
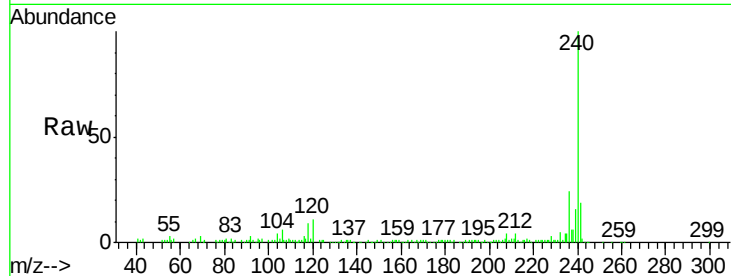
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(4-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	24.3	20.7	31.1

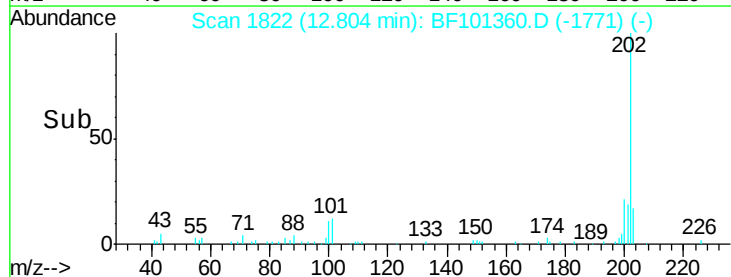
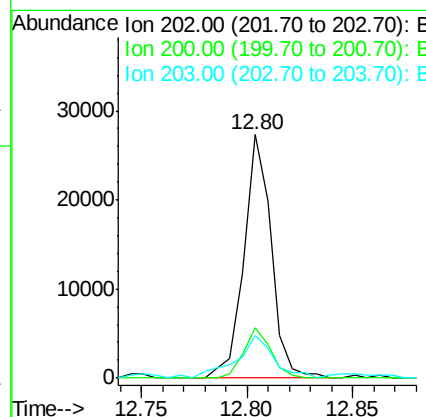
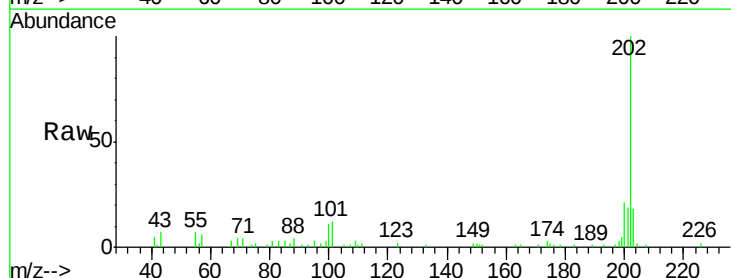
Manual Integrations
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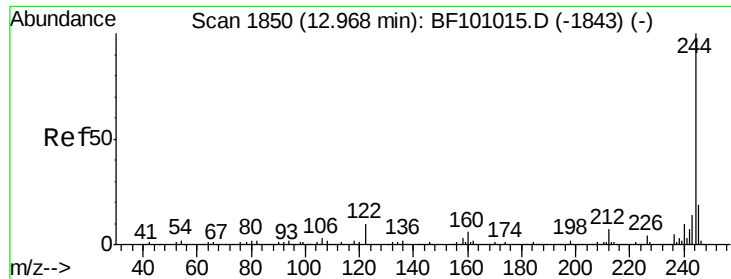
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#77
Pyrene
Concen: 4.315 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 74.926 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101360.D

Acq: 13 Dec 2017 5:58

Instrument :

BNA_F

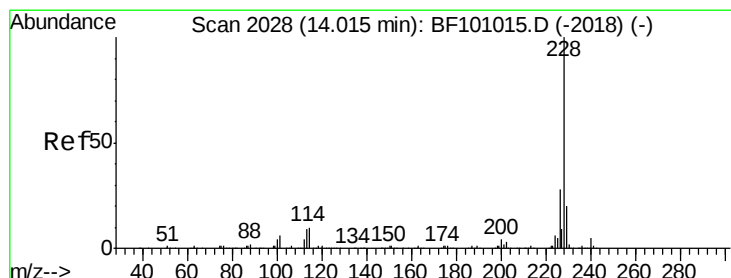
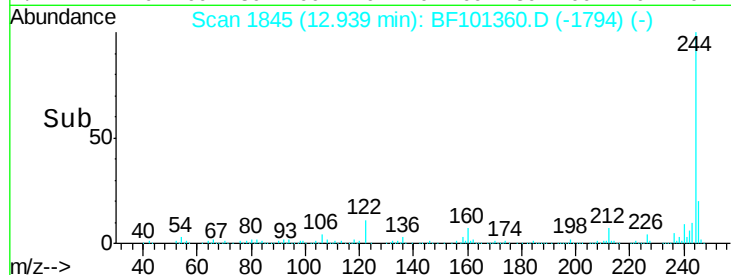
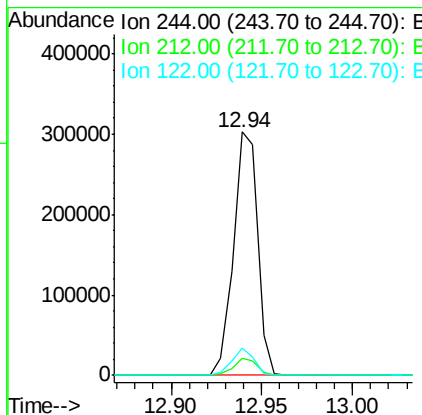
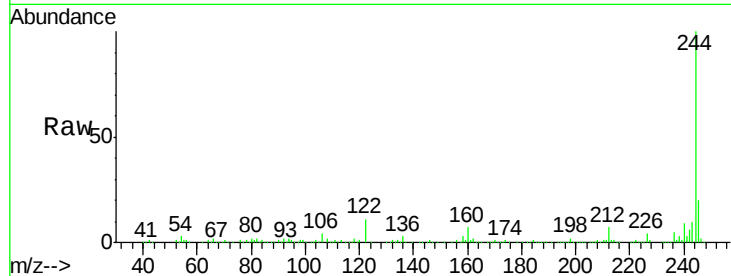
ClientSampleId :

MAP-1-E(4-5)

Tot Ion:	244	Resp:	280906
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 2.612 ng

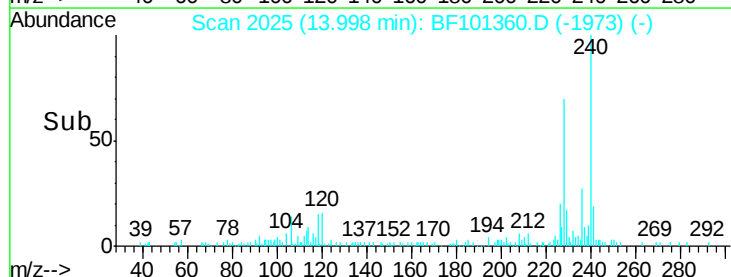
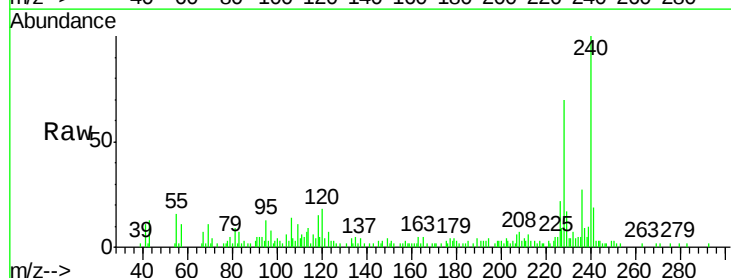
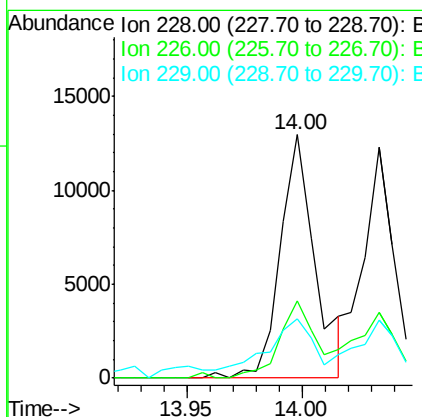
RT: 14.00 min Scan# 2025

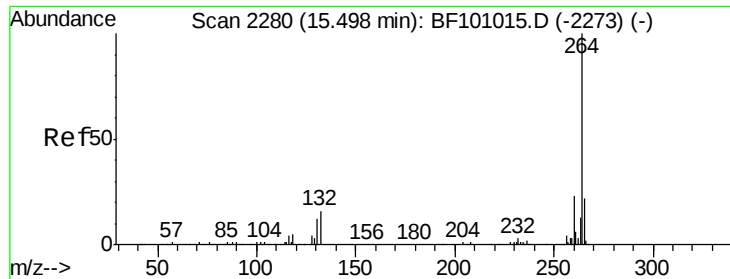
Delta R.T. 0.01 min

Lab File: BF101360.D

Acq: 13 Dec 2017 5:58

Tgt Ion:	228	Resp:	13522
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.6	33.8
229	24.2	15.8	23.6





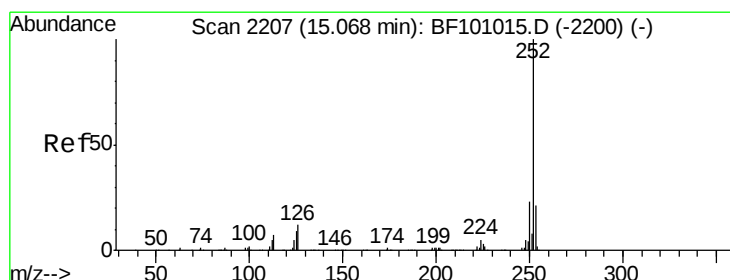
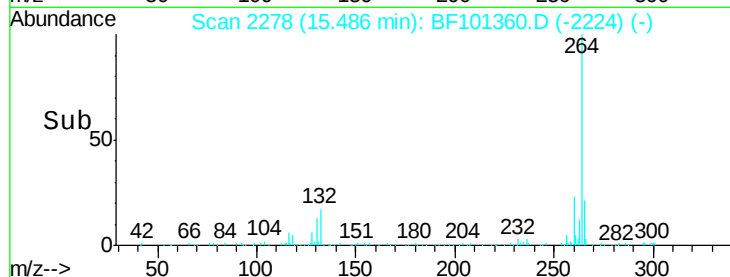
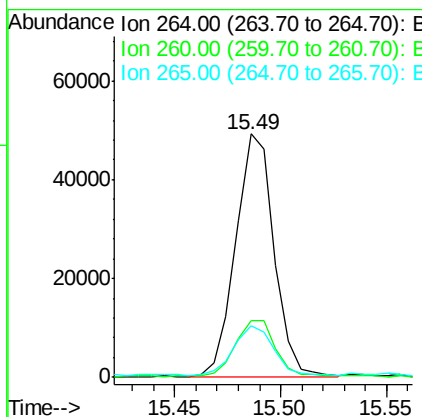
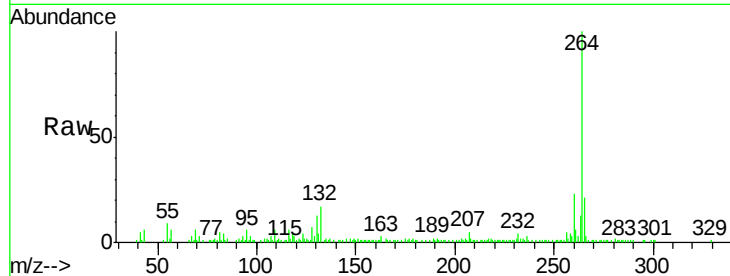
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(4-5)

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

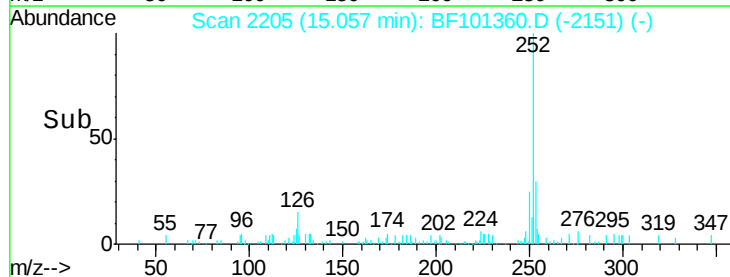
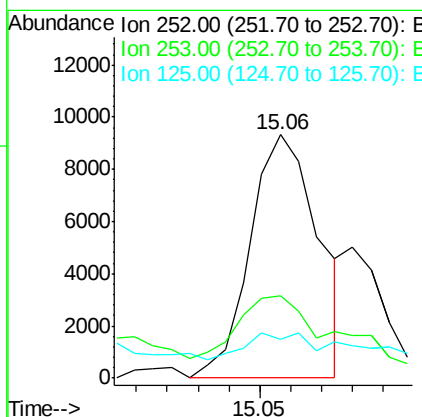
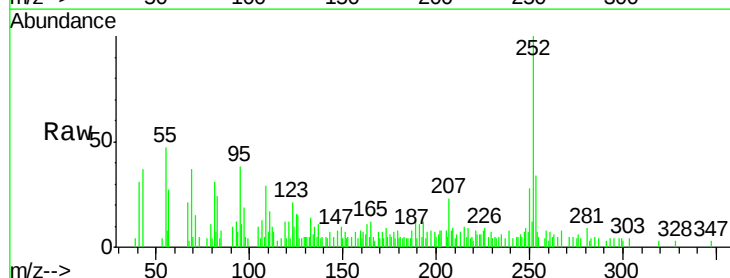
Manual Integrations
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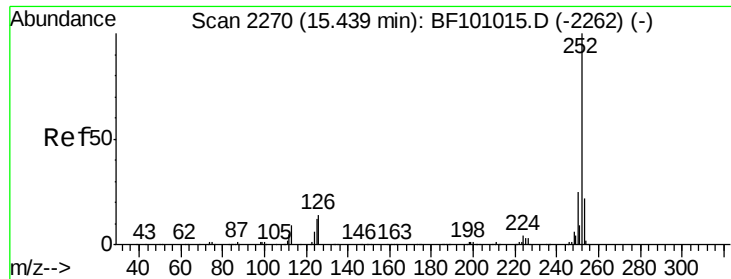
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#87
Benzo(b)fluoranthene
Concen: 3.842 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.0	25.6#
125	16.2	9.0	13.6#





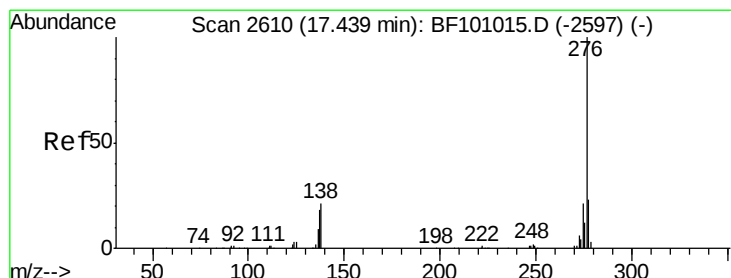
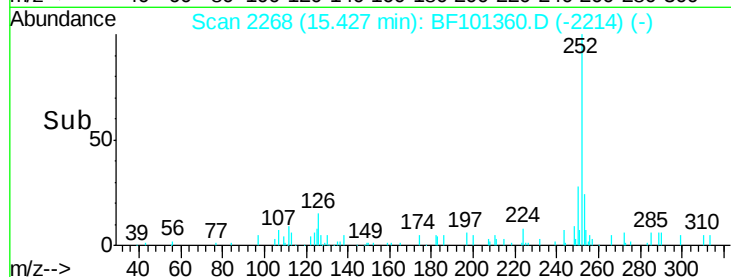
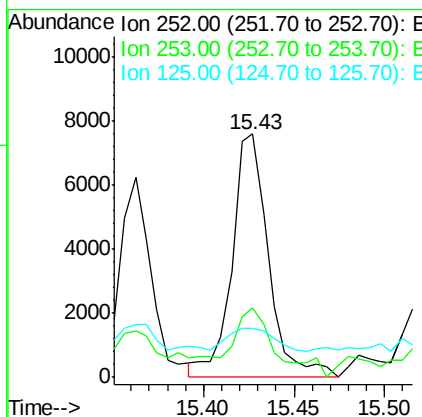
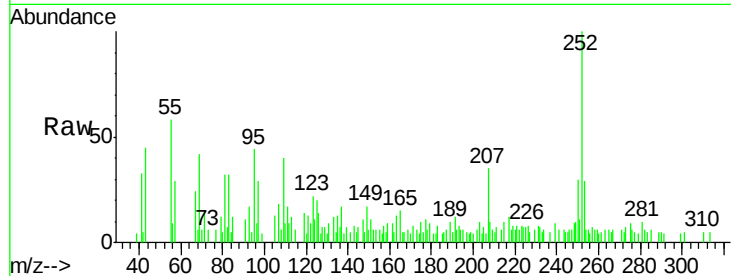
#89
Benzo(a)pyrene
Concen: 3.121 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Instrument :
BNA_F
ClientSampled :
MAP-1-E(4-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.1	25.7#
125	20.1	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.542 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.05 min
Lab File: BF101360.D
Acq: 13 Dec 2017 5:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	27.1	21.8	32.8

