

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101364.D
 Acq On : 13 Dec 2017 7:45
 Operator : SJ/JU
 Sample : I6764-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-2-E(0-1)

Manual Integrations
 APPROVED

Sohil
 12/13/2017 2:07:59 PM

Quant Time: Dec 13 09:38:32 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	40557	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	143993	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	56781	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	100207	20.00	ng	0.00
75) Chrysene-d12	14.01	240	77604	20.00	ng	0.00
86) Perylene-d12	15.49	264	60620	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	276693	112.74	ng	0.00
7) Phenol-d6	6.47	99	328463	110.23	ng	0.00
23) Nitrobenzene-d5	7.39	82	171866	71.20	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	60817	89.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	369670	89.08	ng	0.00
78) Terphenyl-d14	12.94	244	304356	85.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	42071	9.187	ng	99
70) Phenanthrene	11.38	178	32353	5.863	ng	95
71) Anthracene	11.43	178	13072	2.341	ng	97
74) Fluoranthene	12.57	202	71566	11.700	ng	95
77) Pyrene	12.81	202	73971	13.814	ng	95
80) Benzo(a)anthracene	14.00	228	33790	6.896	ng	99
82) Chrysene	14.03	228	29191	6.415	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	14131	3.493	ng	# 88
87) Benzo(b)fluoranthene	15.06	252	34063m	9.381	ng	
88) Benzo(k)fluoranthene	15.08	252	10233m	2.861	ng	
89) Benzo(a)pyrene	15.43	252	24597	7.451	ng	# 96
91) Benzo(a,h,i)perylene	17.43	276	14652	5.342	ng	97

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

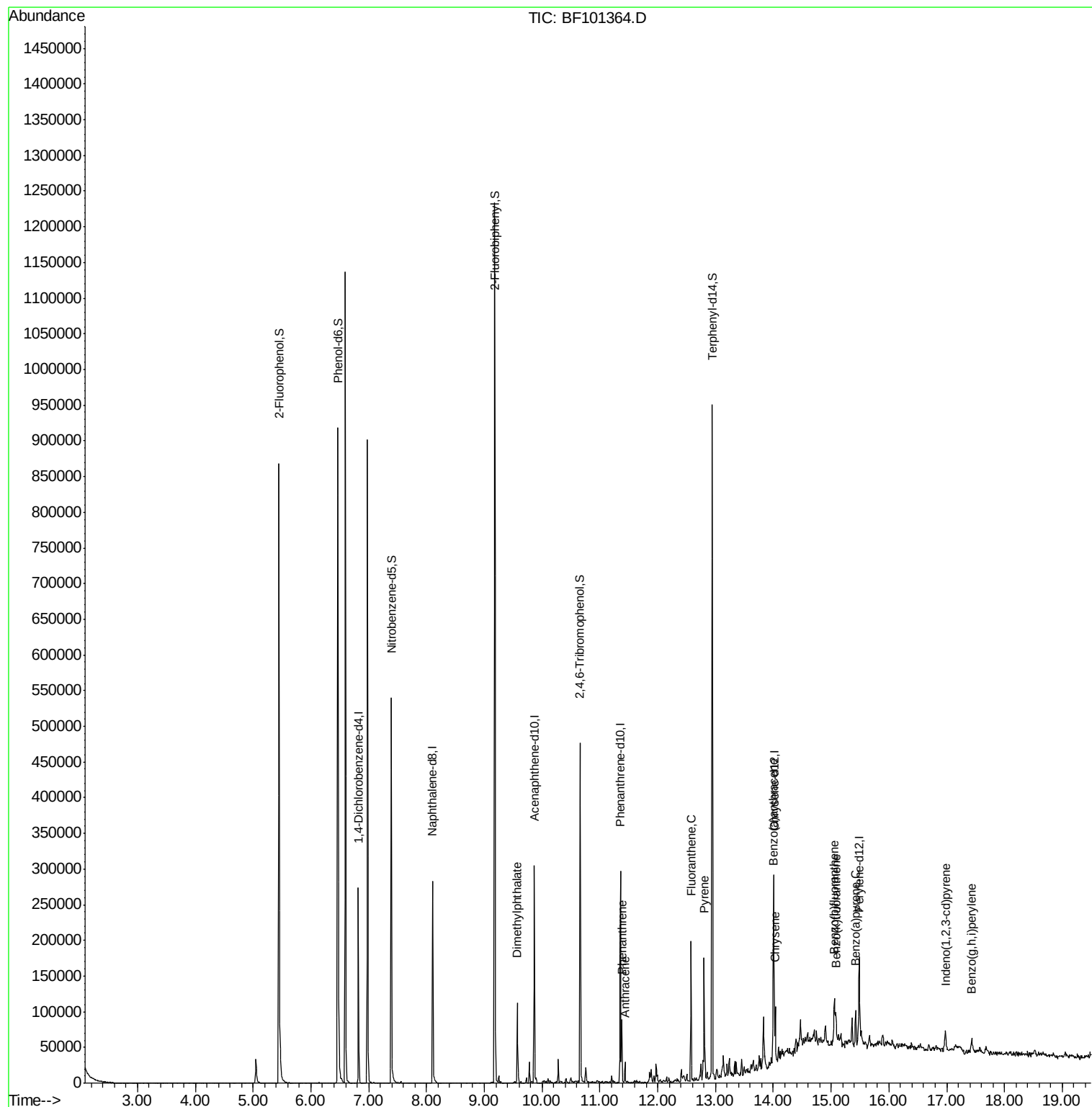
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101364.D
Acq On : 13 Dec 2017 7:45
Operator : SJ/JU
Sample : I6764-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

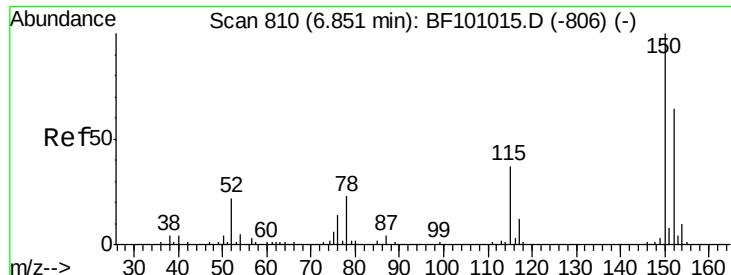
Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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Response via : Initial Calibration





#1

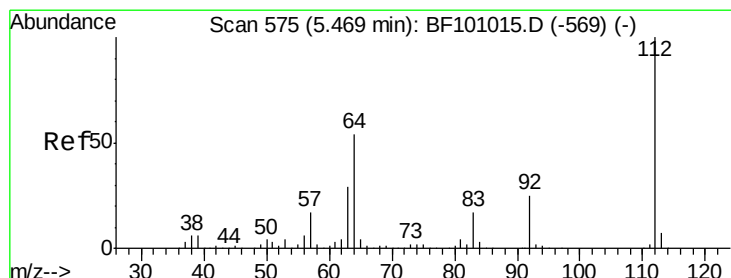
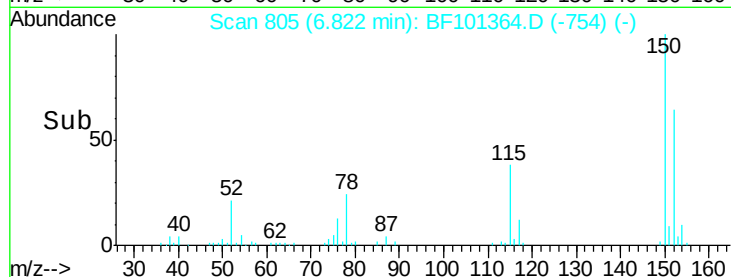
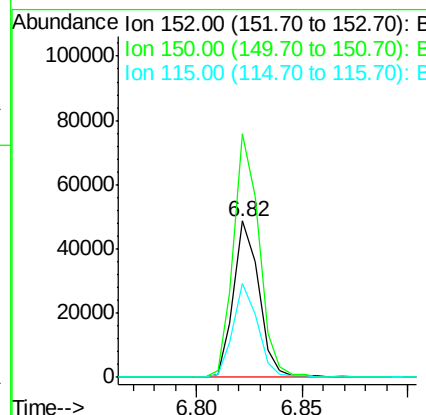
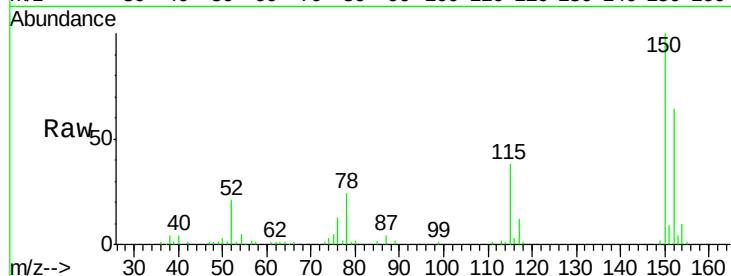
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampled :
MAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.0	50.1	75.1

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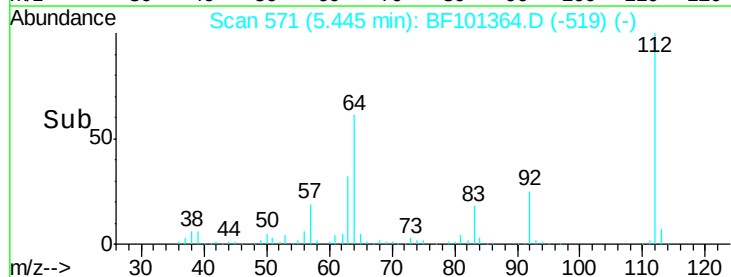
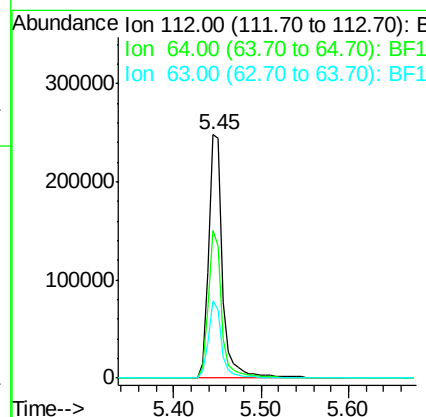
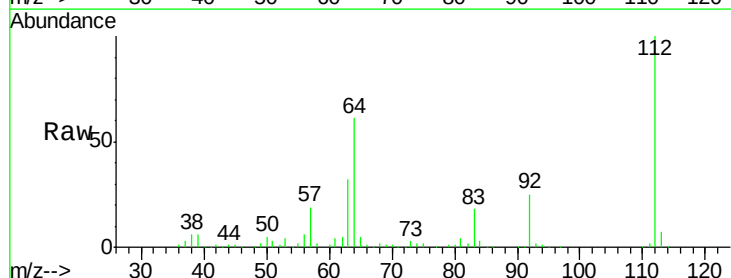
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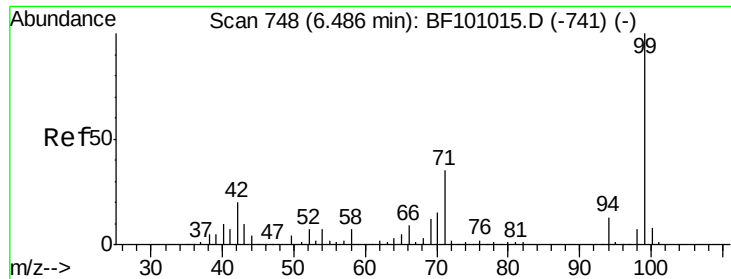


#5

2-Fluorophenol
Concen: 112.735 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 110.228 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Instrument :

BNA_F

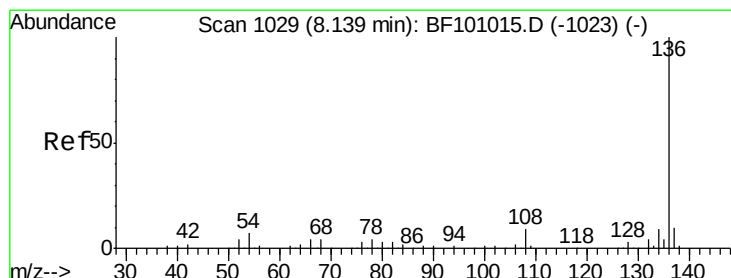
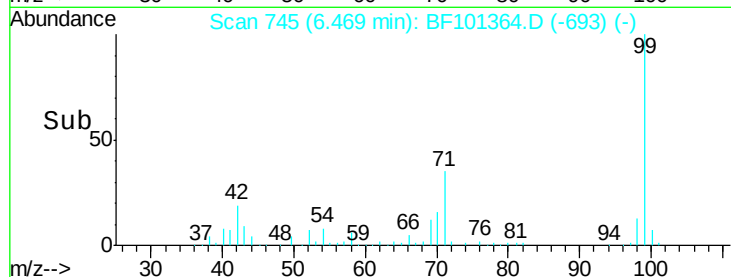
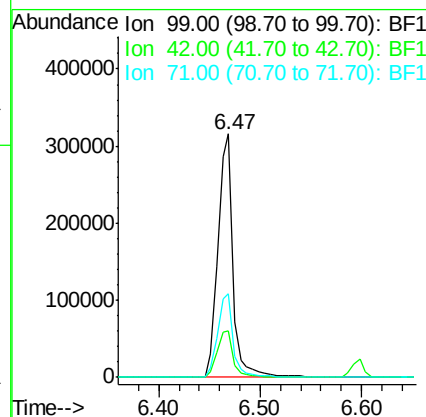
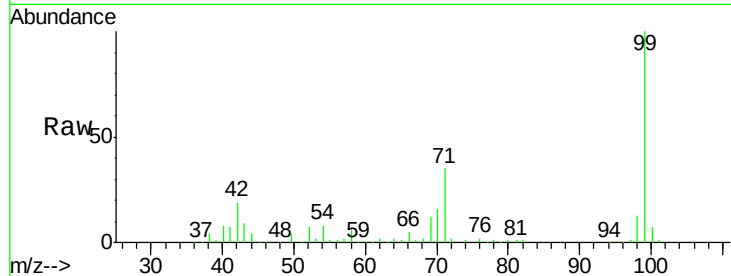
ClientSampleId :

MAP-2-E(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		328463		
42	19.3	14.5	21.7		
71	34.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

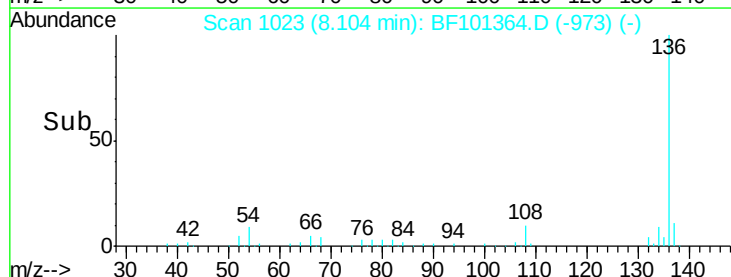
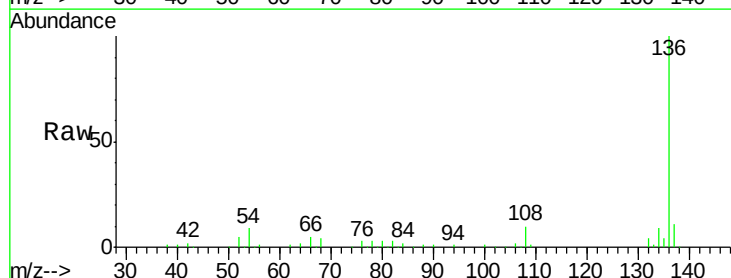
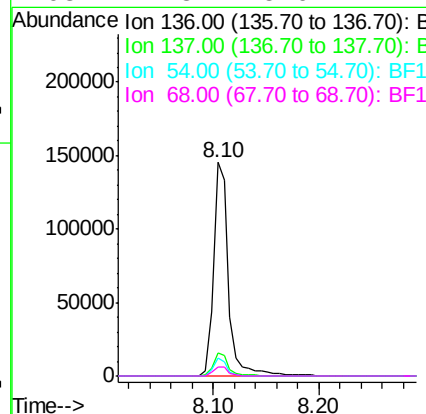
RT: 8.10 min Scan# 1023

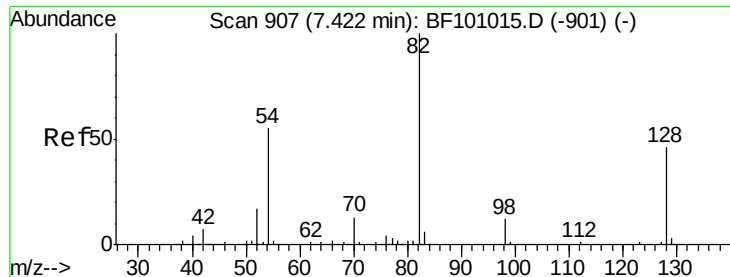
Delta R.T. -0.01 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		143993		
137	10.8	8.9	13.3		
54	8.7	6.6	9.8		
68	4.3	5.0	7.4		





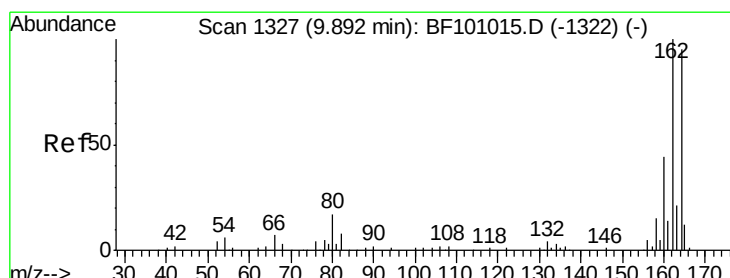
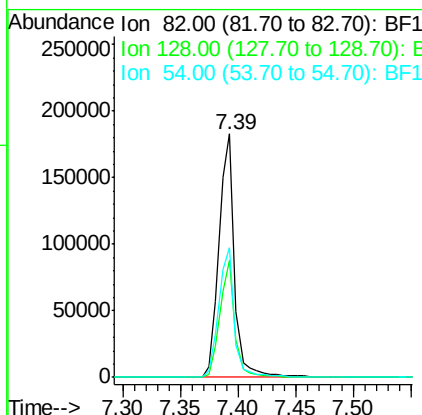
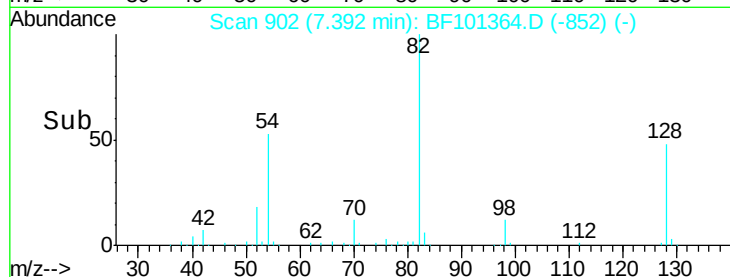
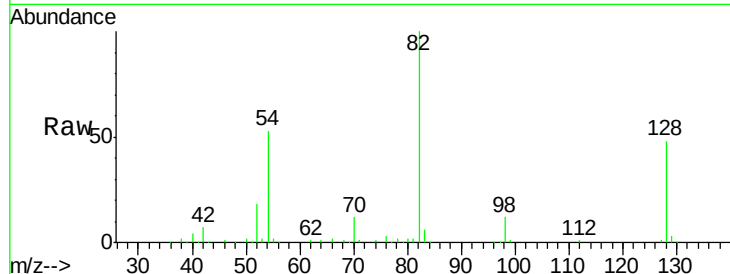
#23
Nitrobenzene-d5
Concen: 71.200 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	171866		
128	48.1	36.1	54.1	
54	53.2	41.4	62.2	

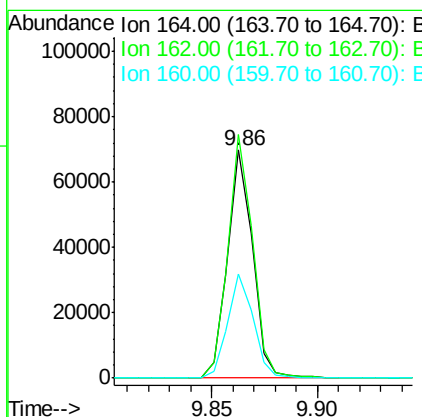
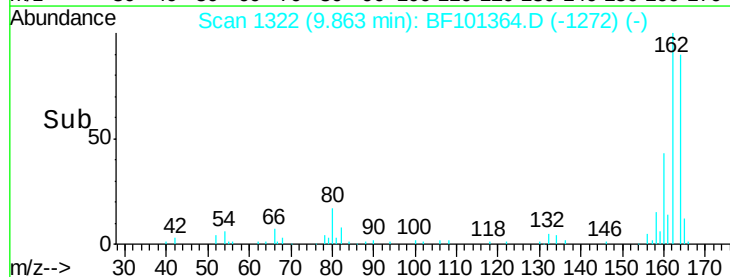
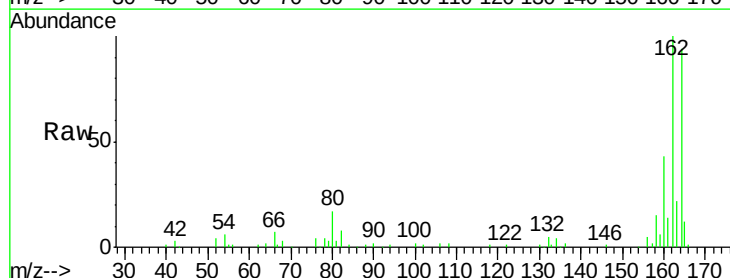
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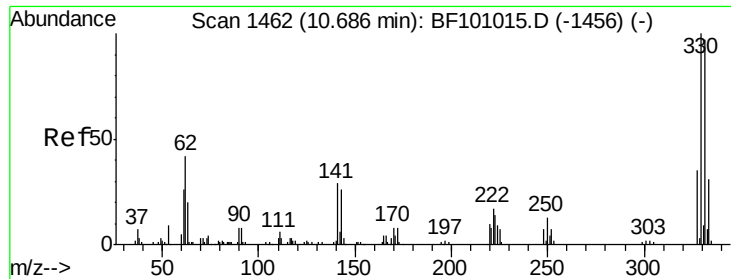
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56781		
162	106.7	86.1	129.1	
160	45.9	38.3	57.5	





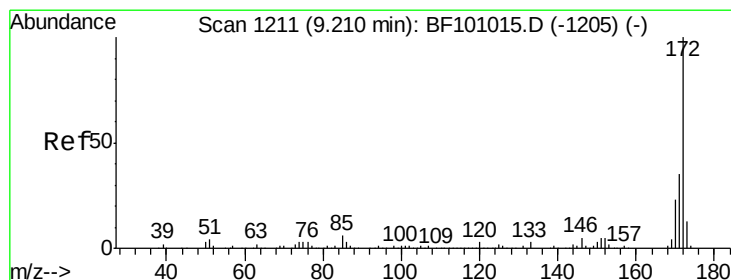
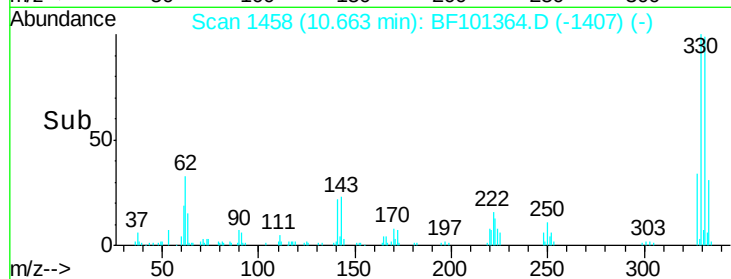
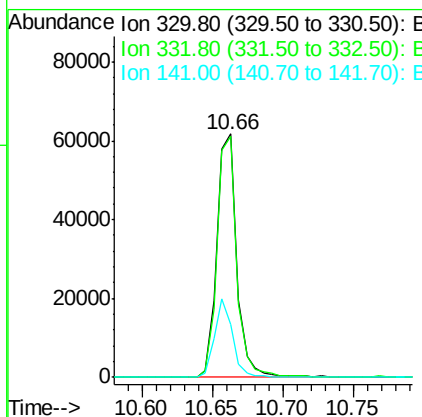
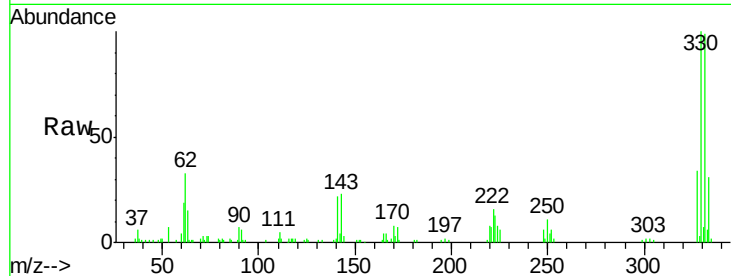
#41
 2,4,6-Tribromophenol
 Concen: 89.161 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF101364.D
 Acq: 13 Dec 2017 7:45

Instrument :
 BNA_F
 ClientSampleId :
 MAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.1	29.9	44.9#

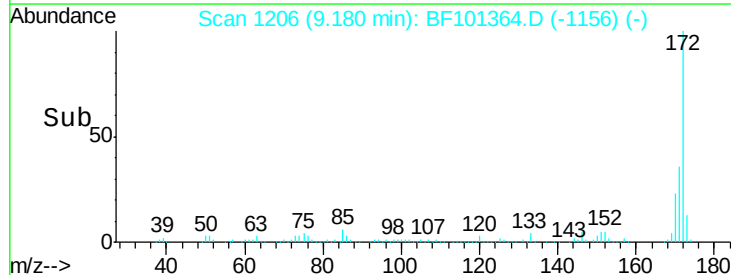
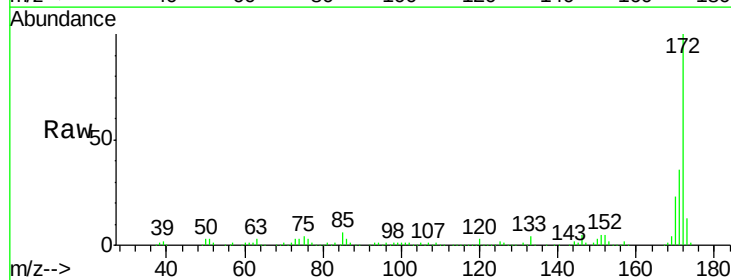
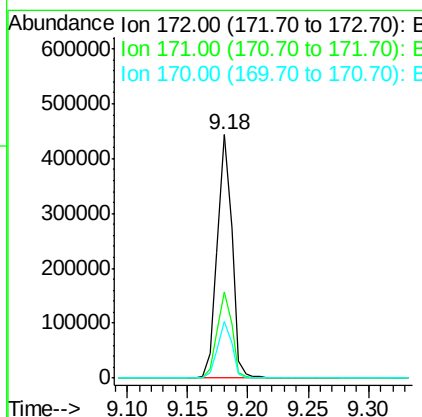
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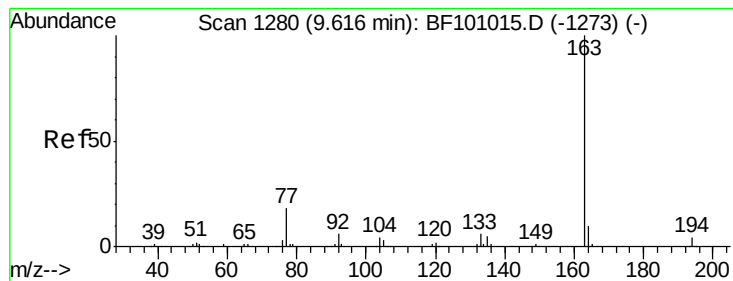
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#44
 2-Fluorobiphenyl
 Concen: 89.076 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101364.D
 Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4





#49

Dimethylphthalate

Concen: 9.187 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Instrument :

BNA_F

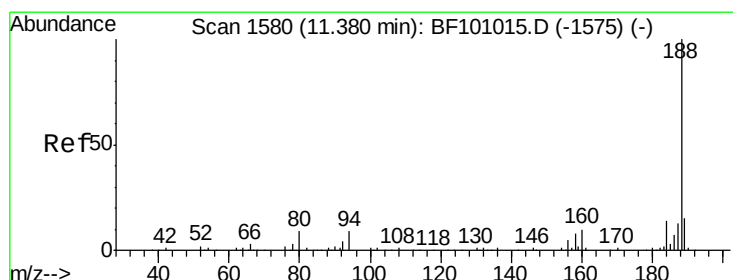
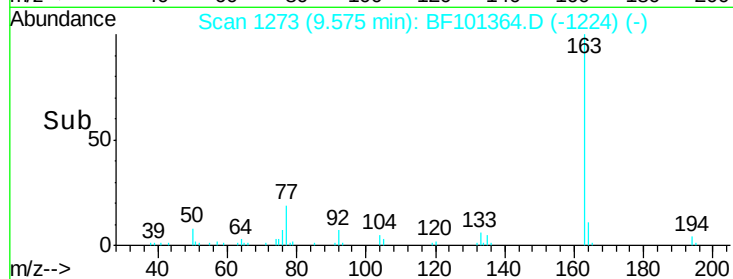
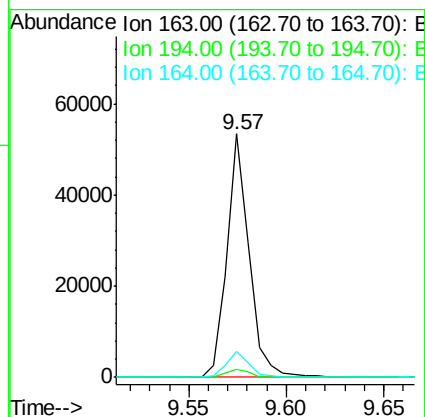
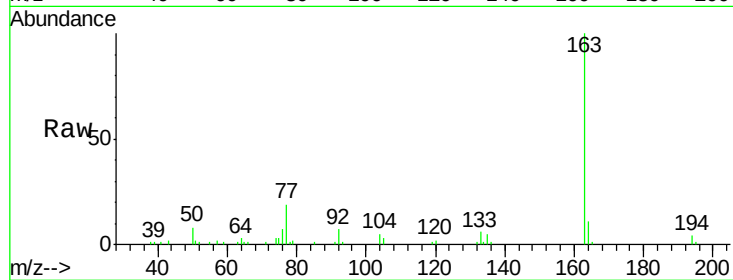
ClientSampleId :

MAP-2-E(0-1)

Tot Ion:	163	Resp:	42071
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.6	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

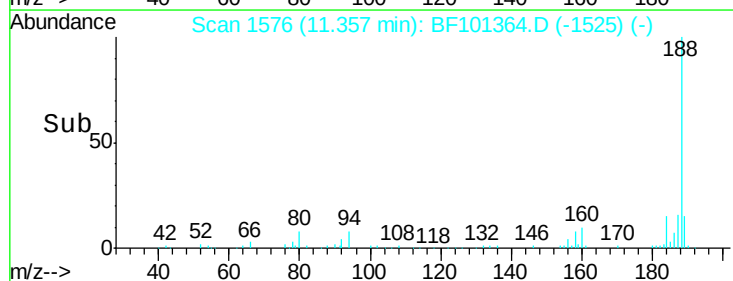
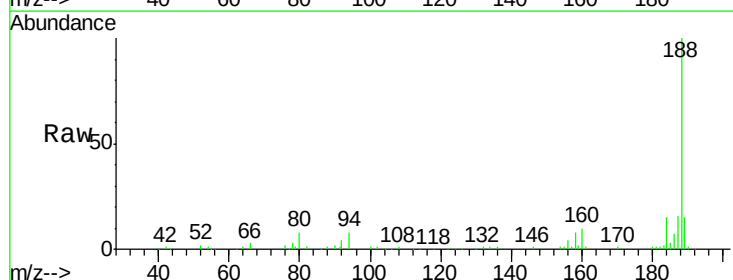
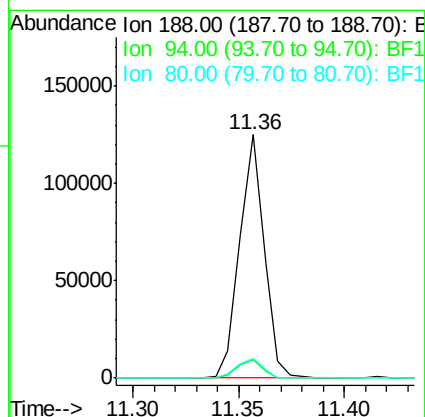
RT: 11.36 min Scan# 1576

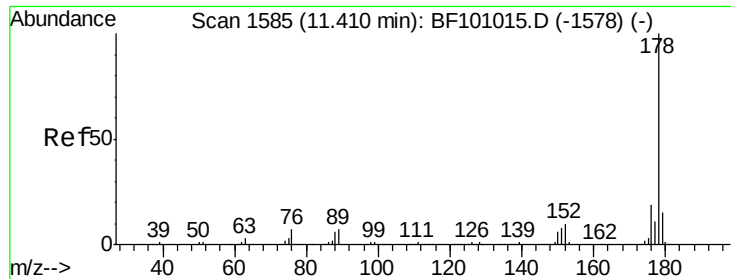
Delta R.T. -0.00 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Tgt Ion:	188	Resp:	100207
Ion Ratio	Lower	Upper	
188	100		
94	7.7	8.5	12.7#
80	7.9	9.2	13.8#





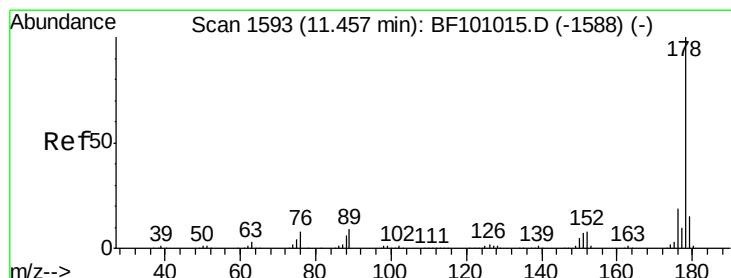
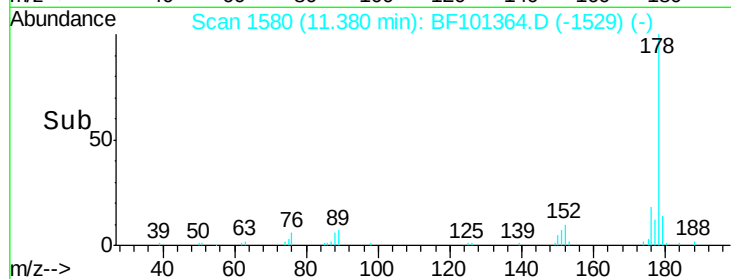
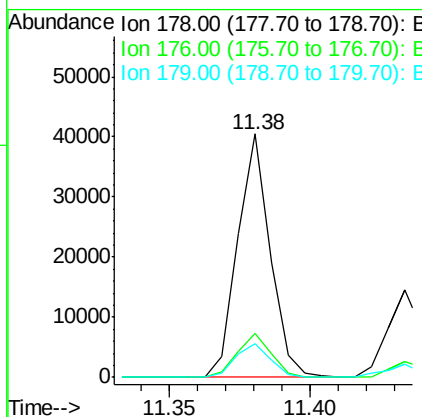
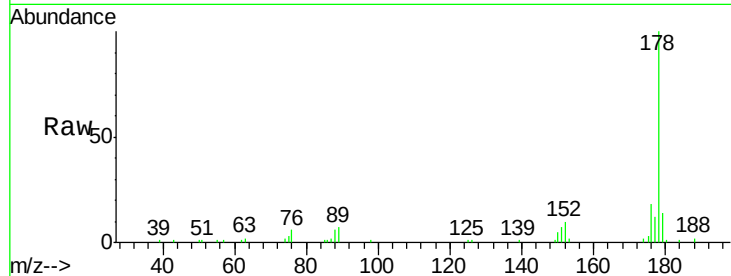
#70
Phenanthrene
Concen: 5.863 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	13.9	13.0	19.6

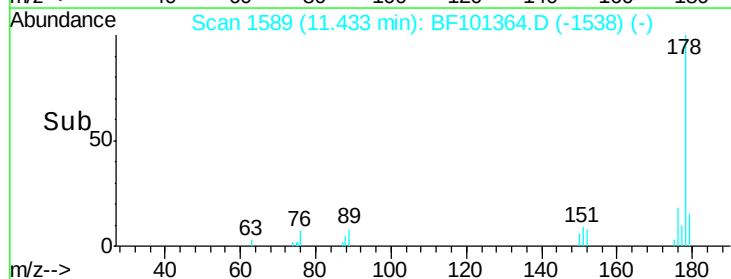
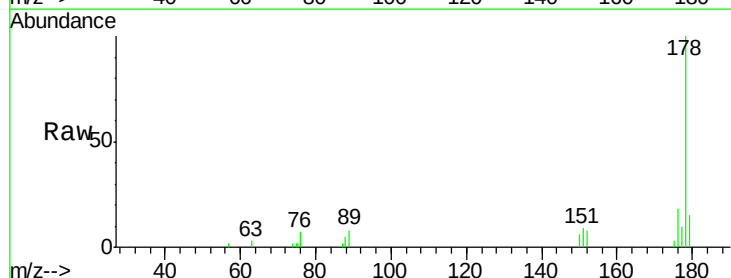
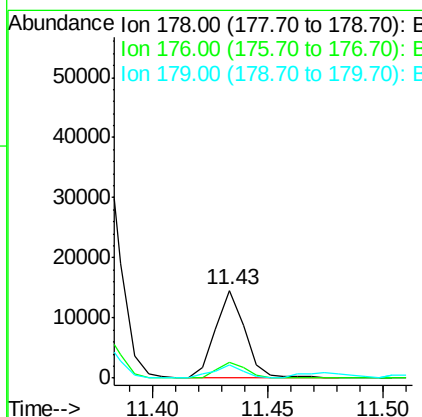
Manual Integrations
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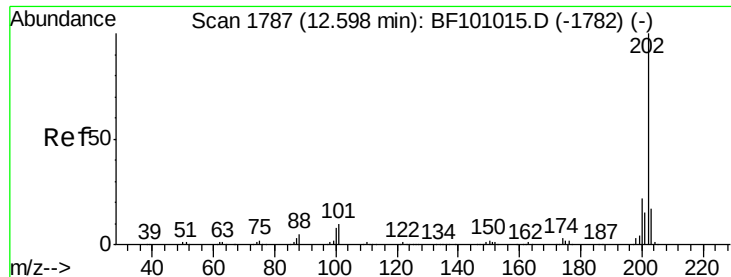
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#71
Anthracene
Concen: 2.341 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.7	12.6	19.0





#74

Fluoranthene

Concen: 11.700 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Instrument :

BNA_F

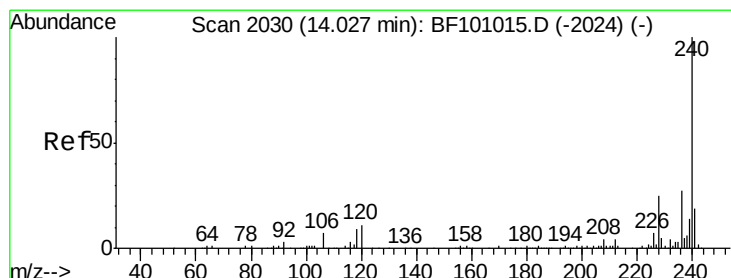
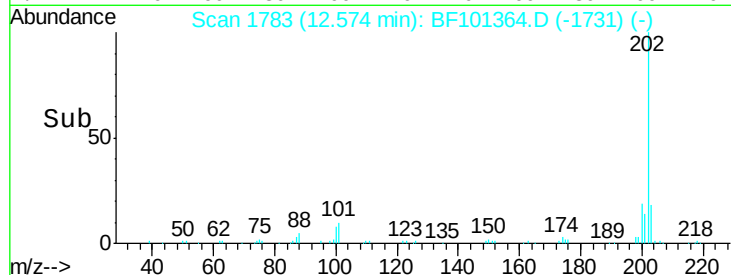
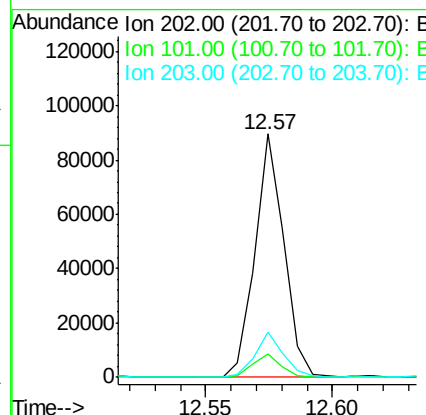
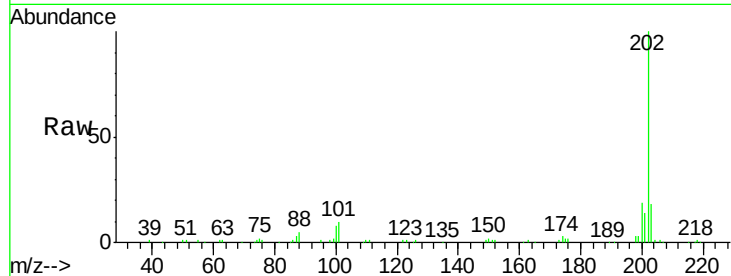
ClientSampleId :

MAP-2-E(0-1)

Tot Ion:	202	Resp:	71566
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	18.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

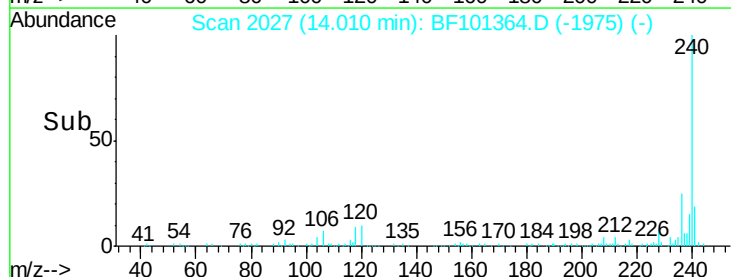
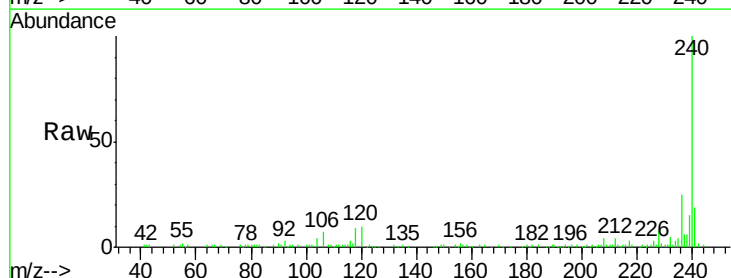
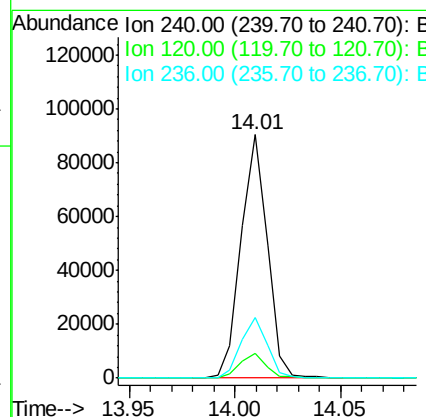
RT: 14.01 min Scan# 2027

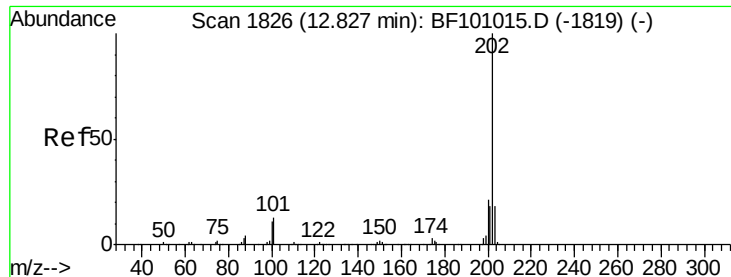
Delta R.T. 0.01 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Tgt Ion:	240	Resp:	77604
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	24.9	20.7	31.1





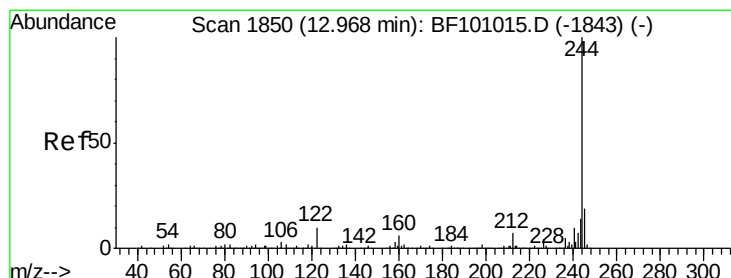
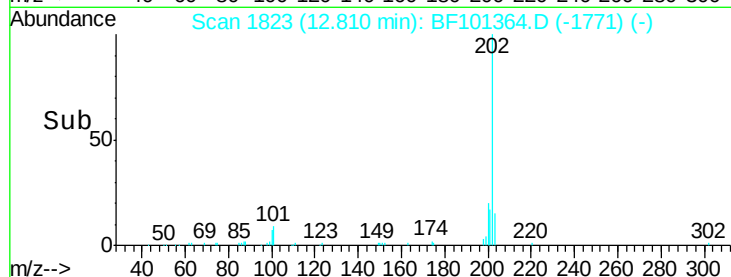
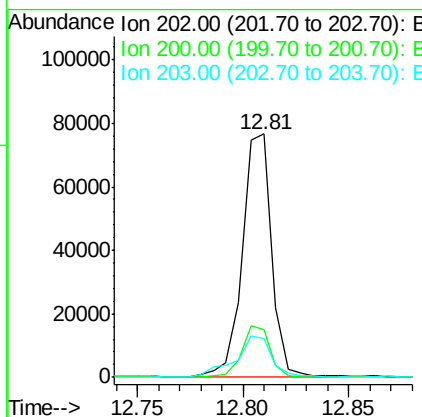
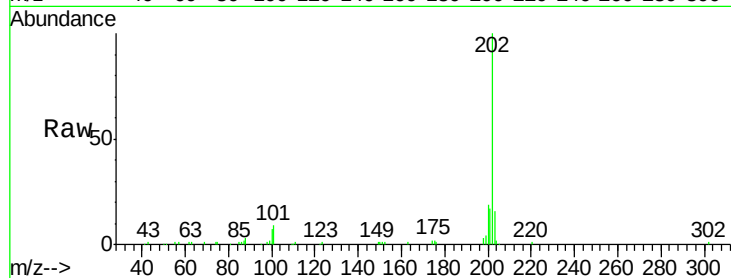
#77
Pvrene
Concen: 13.814 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	15.7	14.3	21.5

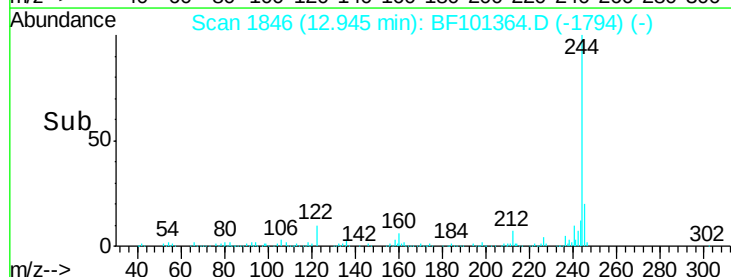
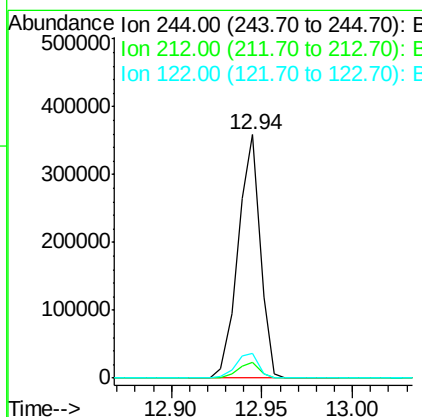
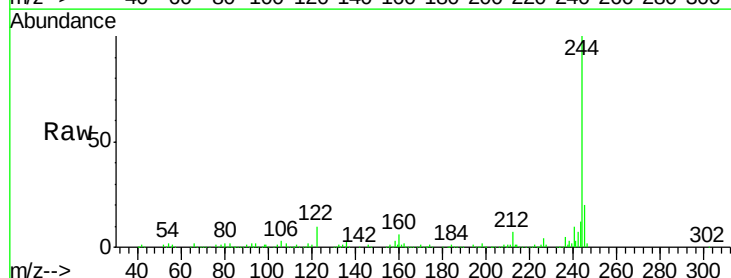
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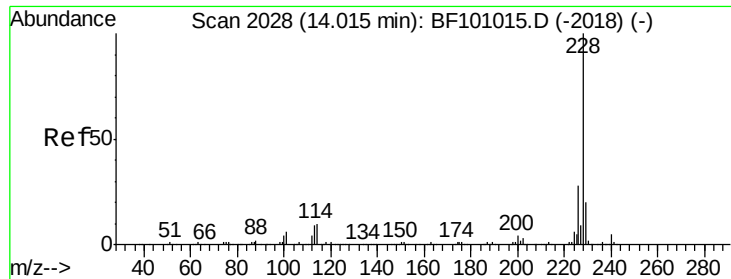
Sohil
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#78
Terphenyl-d14
Concen: 85.782 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4#





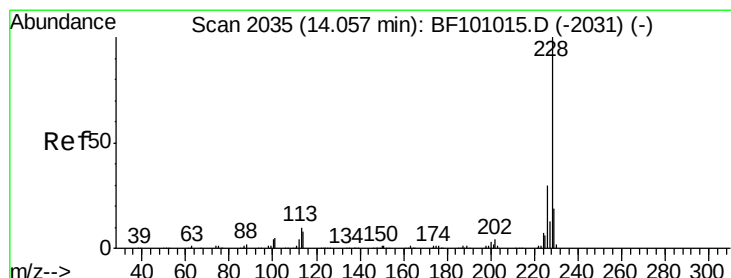
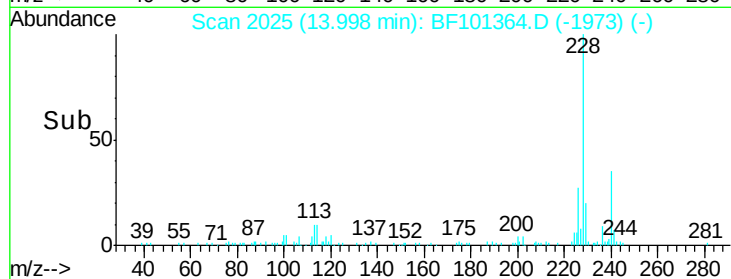
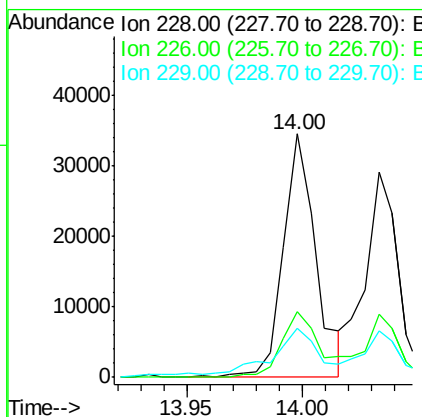
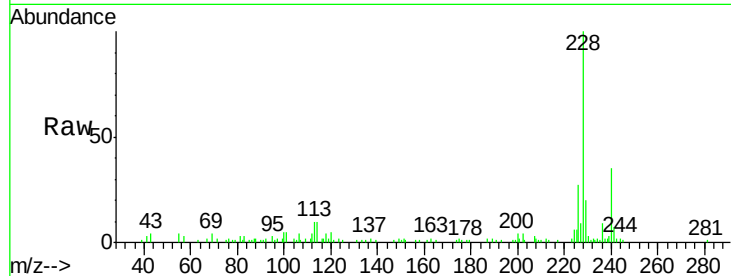
#80
Benzo(a)anthracene
Concen: 6.896 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.0	15.8	23.6

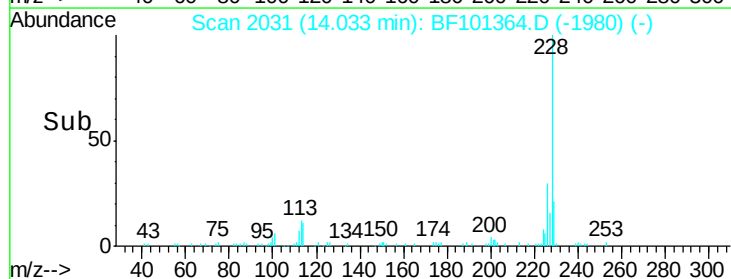
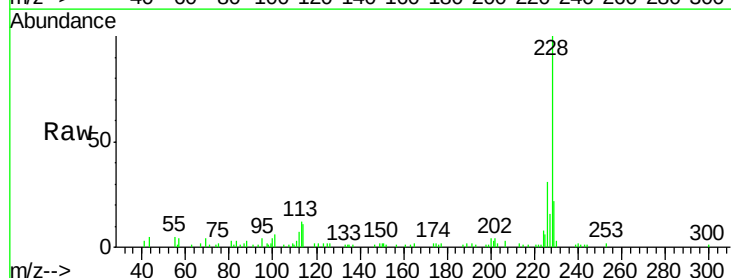
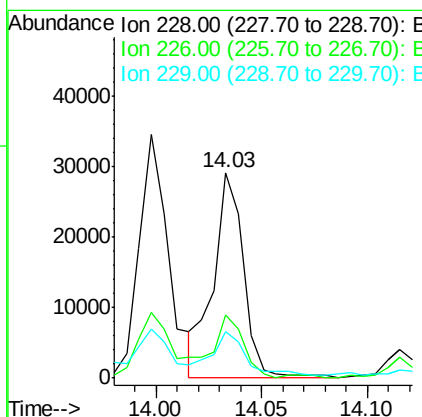
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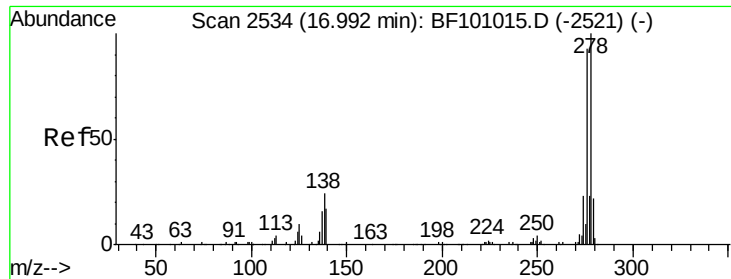
Sohil
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#82
Chrysene
Concen: 6.415 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.5	16.2	24.4





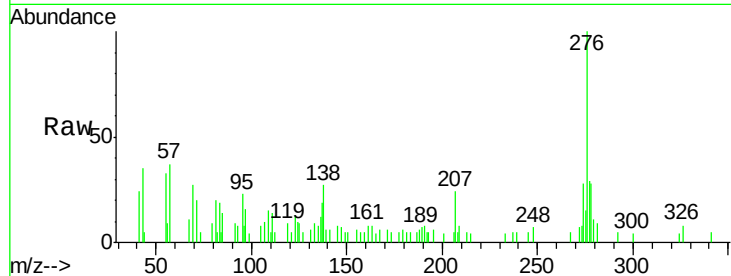
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.493 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.04 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

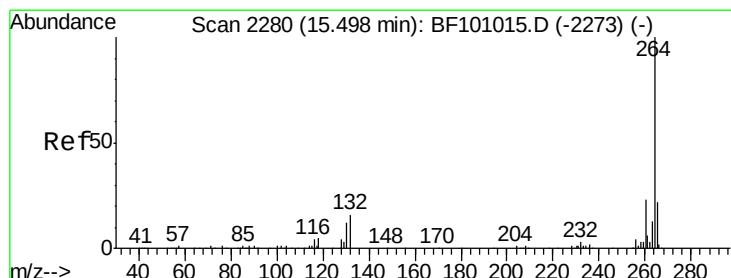
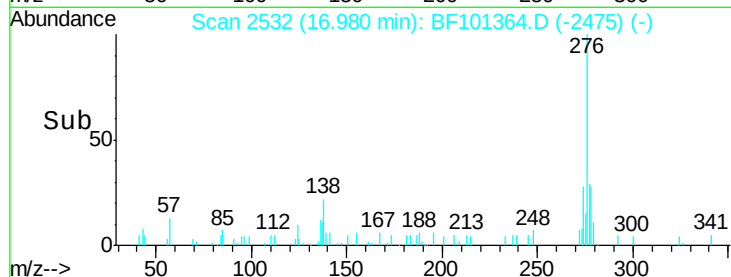
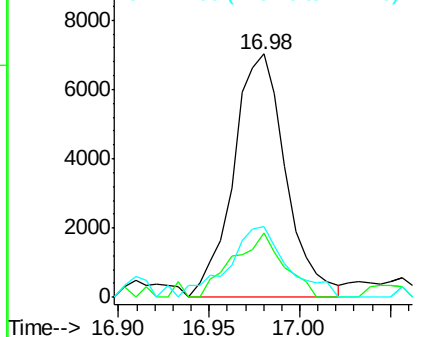
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	32.2	20.1	30.1

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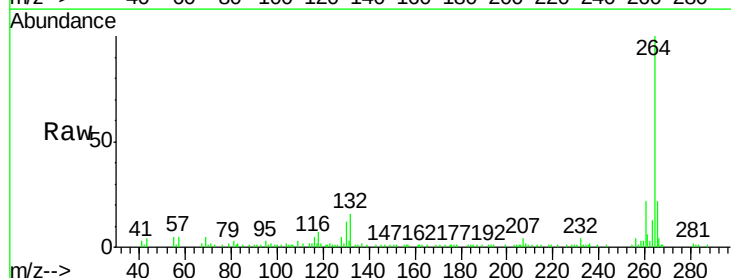


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

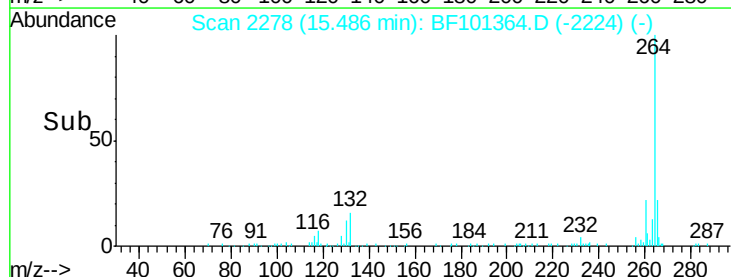
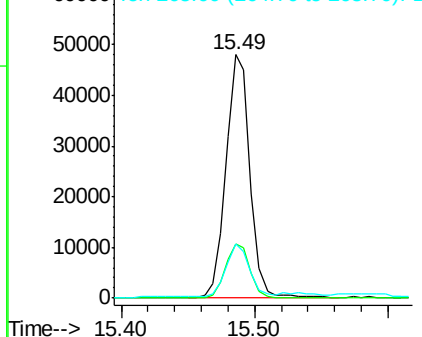


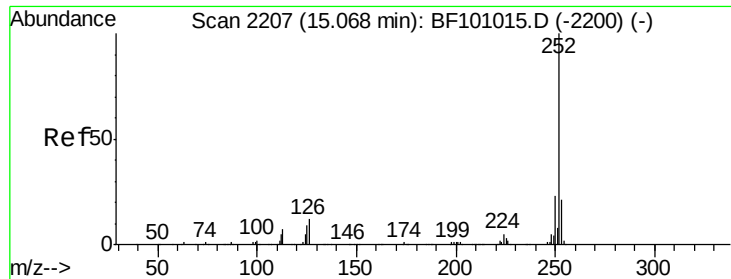
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





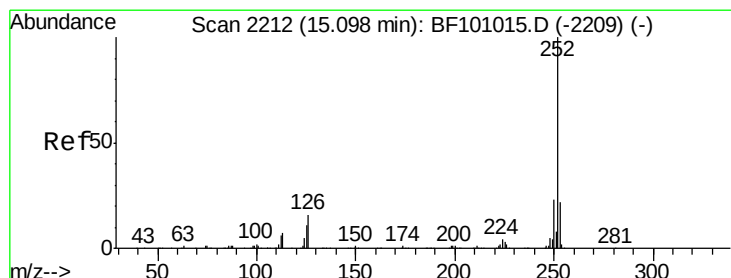
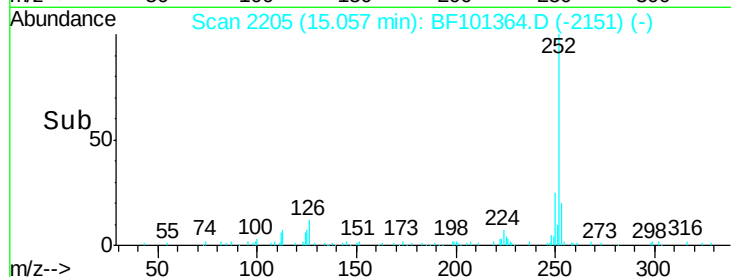
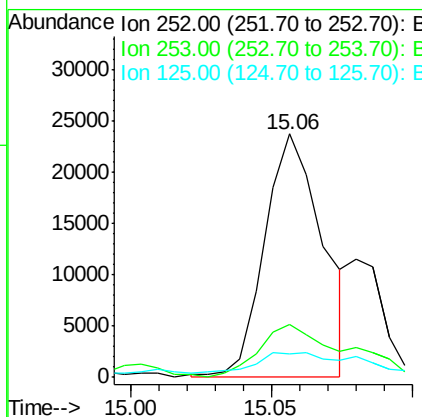
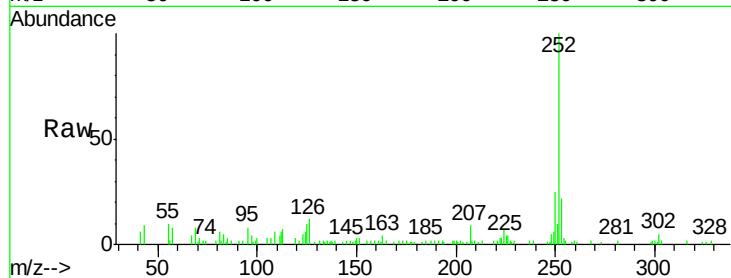
#87
Benzo(b)fluoranthene
Concen: 9.381 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.7	9.0	13.6

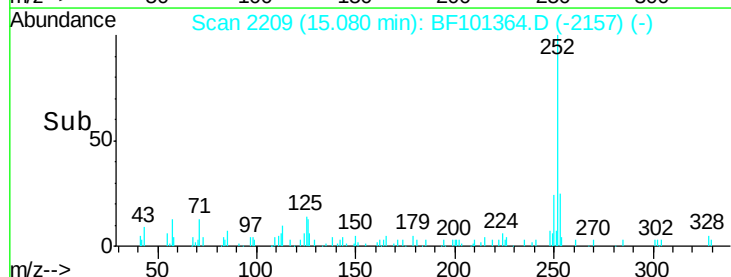
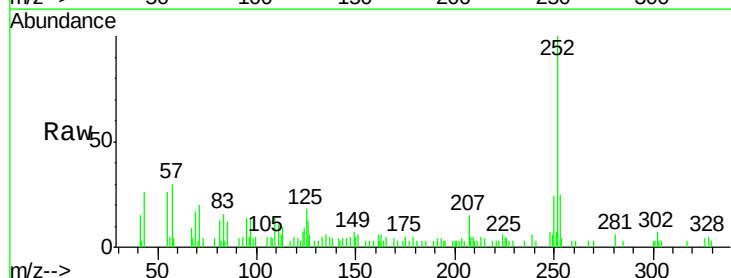
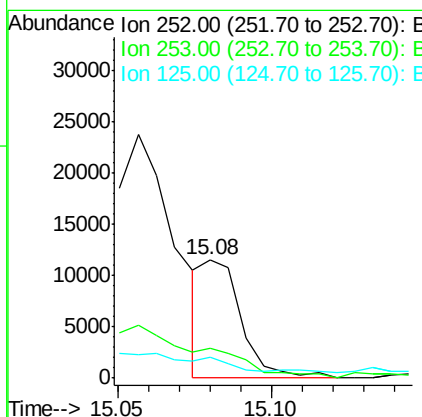
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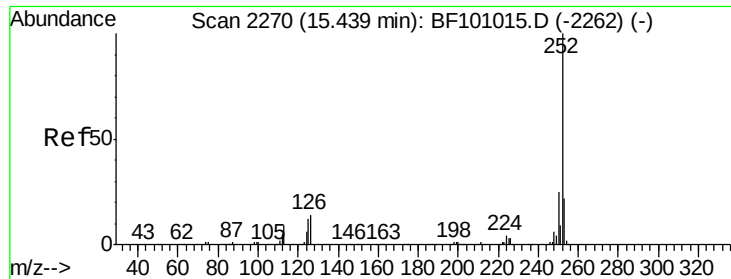
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#88
Benzo(k)fluoranthene
Concen: 2.861 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101364.D
Acq: 13 Dec 2017 7:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	17.9	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 7.451 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.02 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Instrument :

BNA_F

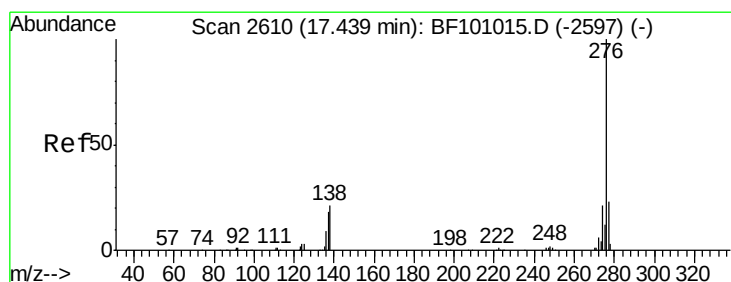
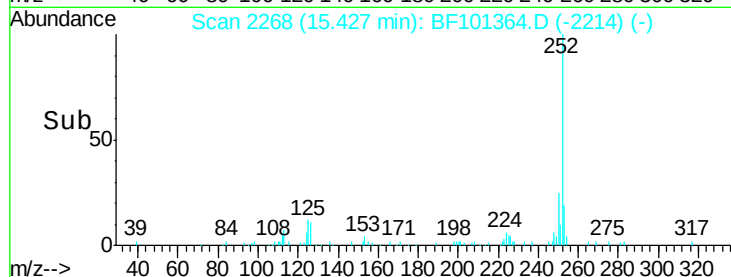
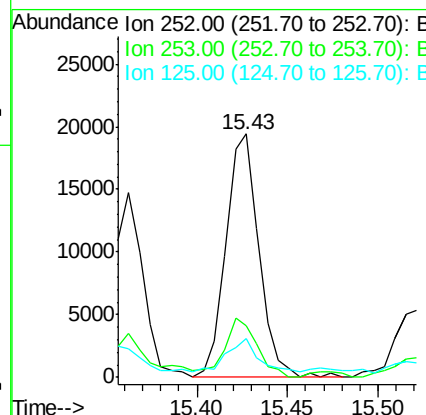
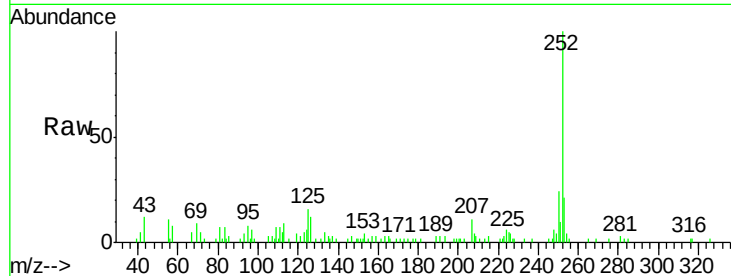
ClientSampled :

MAP-2-E(0-1)

Tot Ion:	252	Resp:	24597
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.1	25.7
125	16.0	9.8	14.6#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 5.342 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.04 min

Lab File: BF101364.D

Acq: 13 Dec 2017 7:45

Tgt Ion:	276	Resp:	14652
Ion Ratio	Lower	Upper	
276	100		
277	22.6	17.9	26.9
138	24.2	21.8	32.8

