

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096863.D
 Acq On : 19 Jul 2017 00:16
 Operator : SJ/JU
 Sample : I4234-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-01

Manual Integrations
 APPROVED

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Quant Time: Jul 19 13:53:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	74131	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	305177	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	118688	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	159340	20.00	ng	0.00
75) Chrysene-d12	13.73	240	143551	20.00	ng	0.00
86) Perylene-d12	15.10	264	90527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	52219	10.59	ng	0.00
7) Phenol-d6	6.25	99	41756	7.06	ng	0.00
23) Nitrobenzene-d5	7.16	82	164266	33.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	16853	16.64	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	347476	46.25	ng	0.00
78) Terphenyl-d14	12.69	244	219081	26.47	ng	0.00
Target Compounds						
10) Phenol	6.26	94	45522	6.806	ng	92
20) 3+4-Methylphenols	7.02	107	52938	10.547	ng	# 54
32) Benzoic acid	7.66	122	7074m	2.374	ng	
49) Dimethylphthalate	9.35	163	50943	5.700	ng	100

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

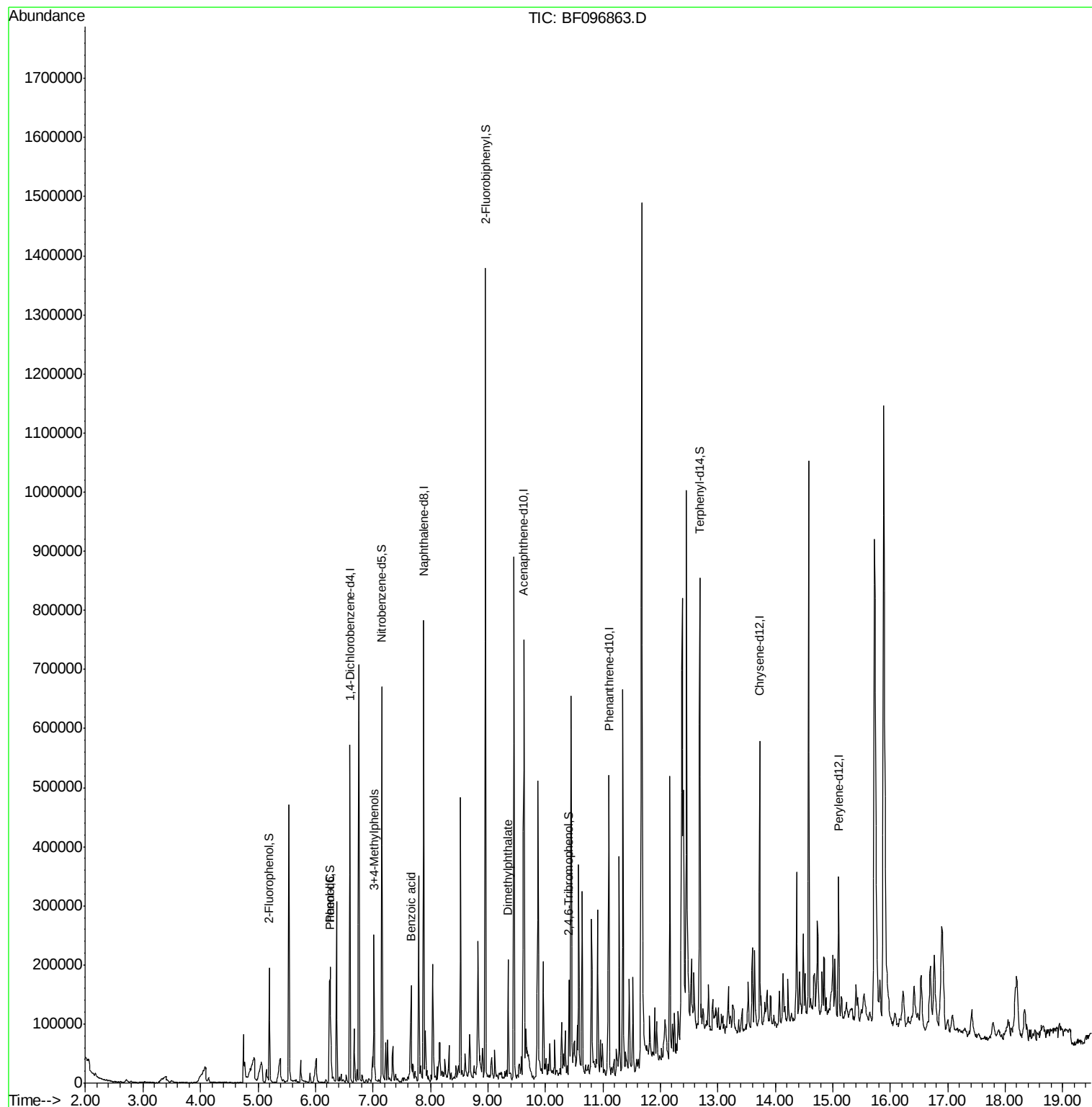
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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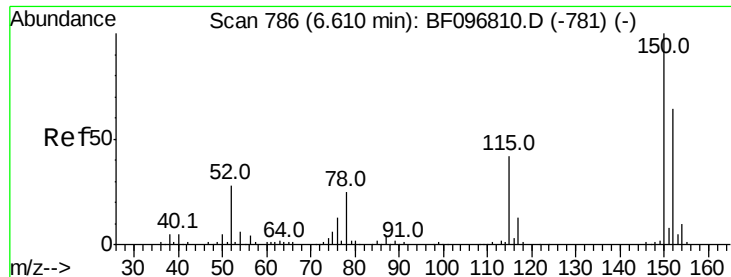
Instrument :
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#1

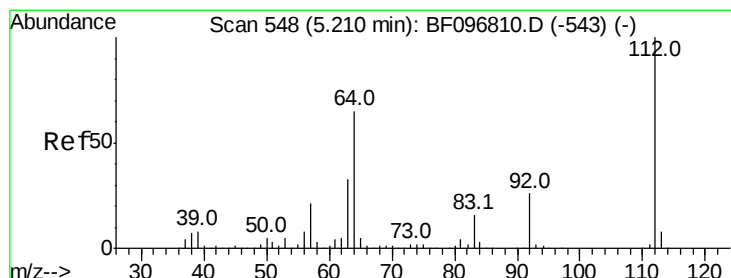
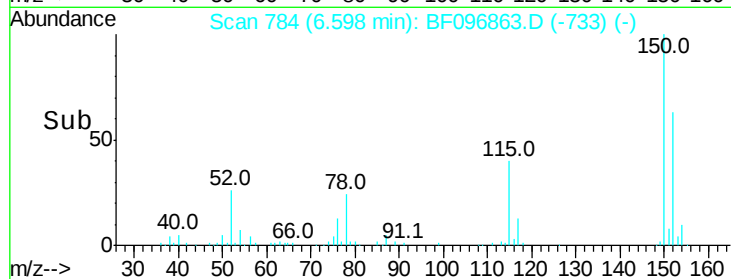
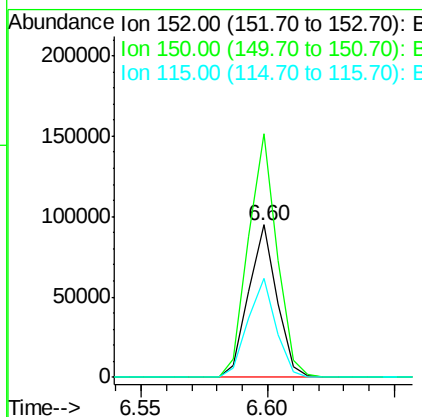
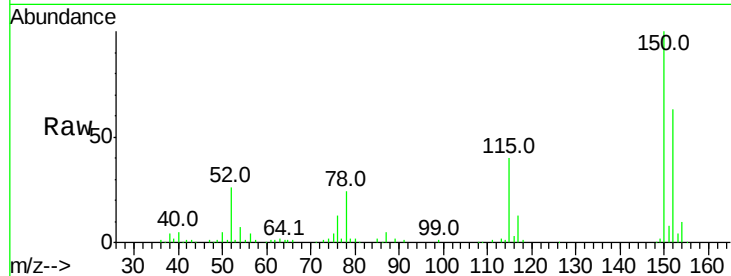
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
M-COMB-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	64.5	52.2	78.2

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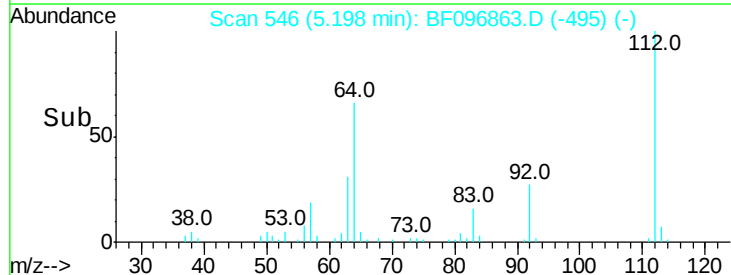
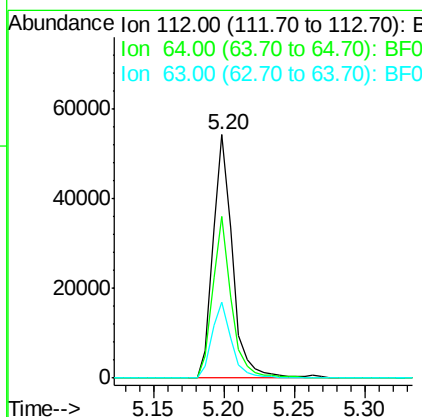
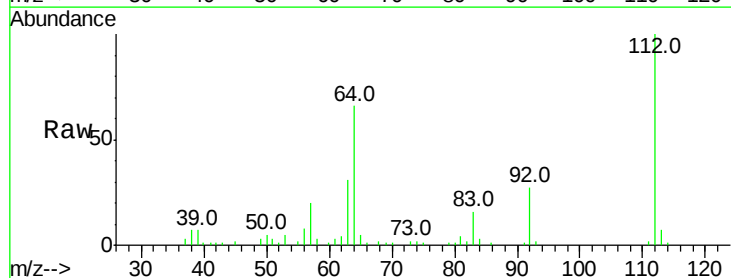
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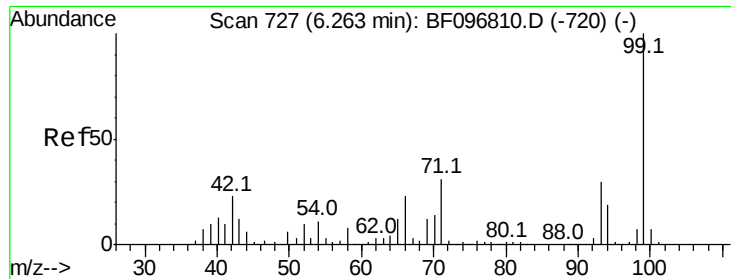


#5

2-Fluorophenol
Concen: 10.591 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	31.3	23.4	35.0





#7

Phenol-d6

Concen: 7.058 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

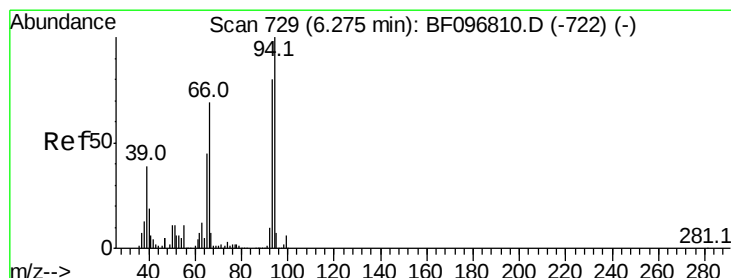
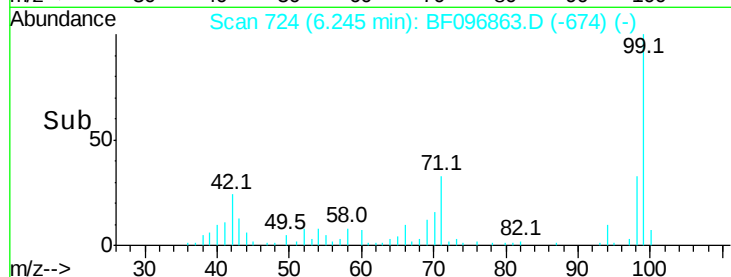
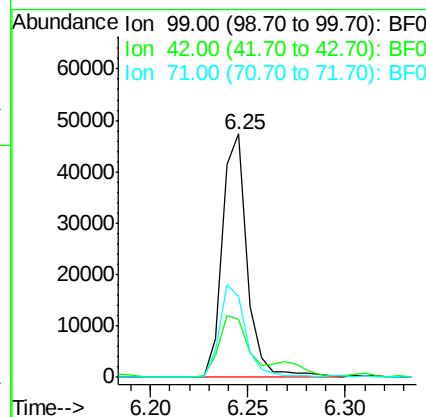
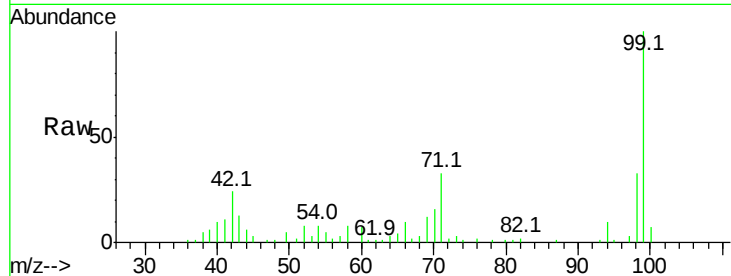
ClientSampleId :

M-COMB-01

Tot Ion:	99	Resp:	41756
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.5	20.3#
71	33.2	24.5	36.7

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#10

Phenol

Concen: 6.806 ng

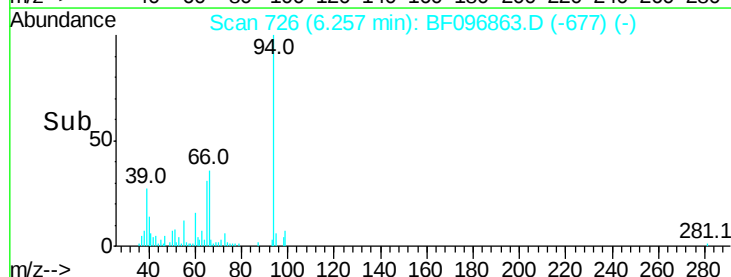
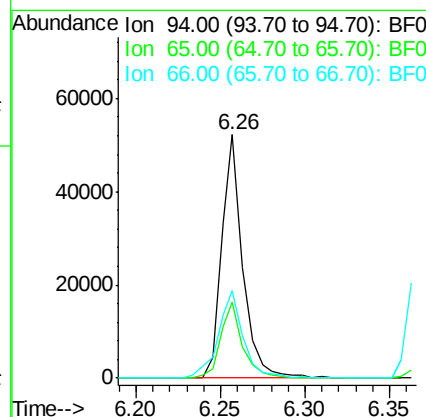
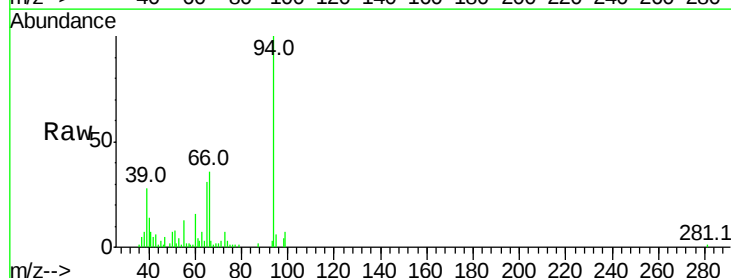
RT: 6.26 min Scan# 726

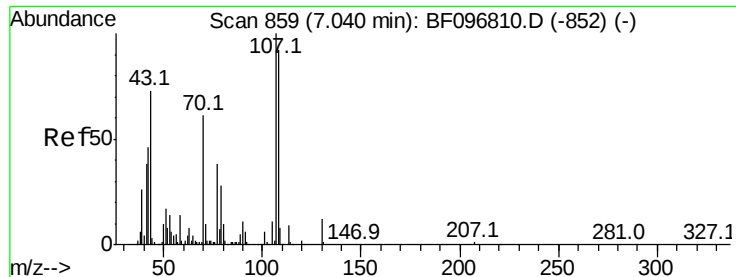
Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Tgt Ion:	94	Resp:	45522
Ion Ratio	Lower	Upper	
94	100		
65	31.3	9.9	49.9
66	35.7	23.1	63.1





#20

3+4-Methylphenols

Concen: 10.547 ng

RT: 7.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

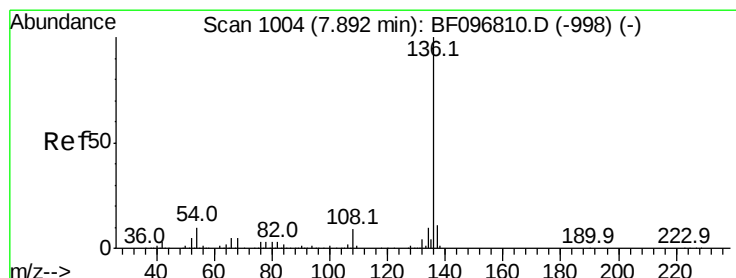
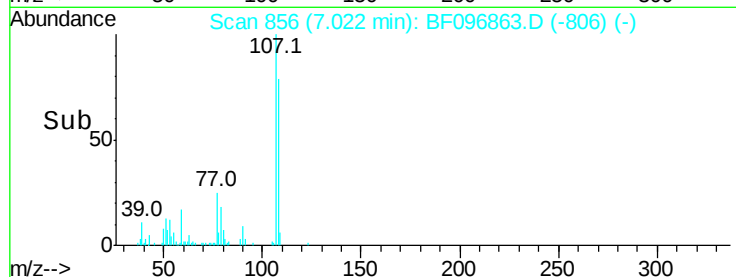
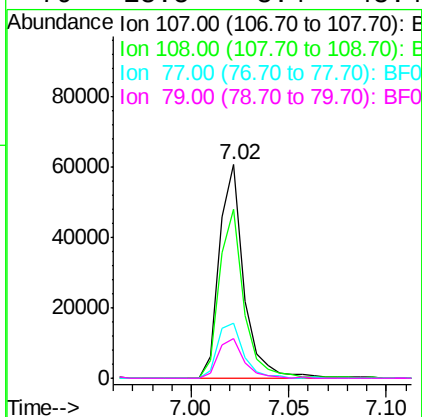
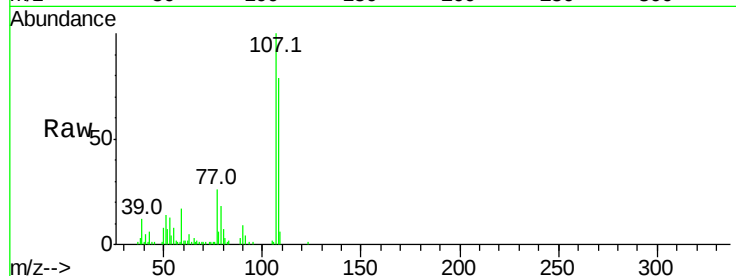
ClientSampleId :

M-COMB-01

Tot Ion	Ratio	Lower	Upper
107	100		
108	78.9	71.0	111.0
77	25.8	90.5	130.5#
79	18.5	8.4	48.4

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#21

Naphthalene-d8

Concen: 20.000 ng

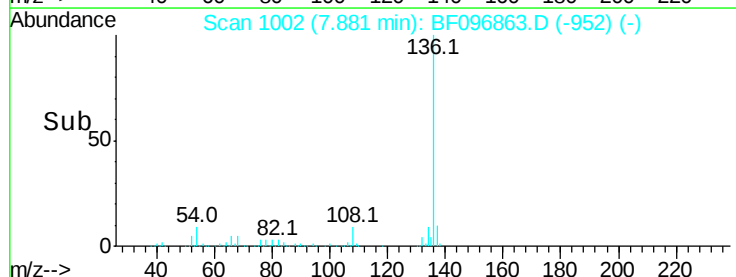
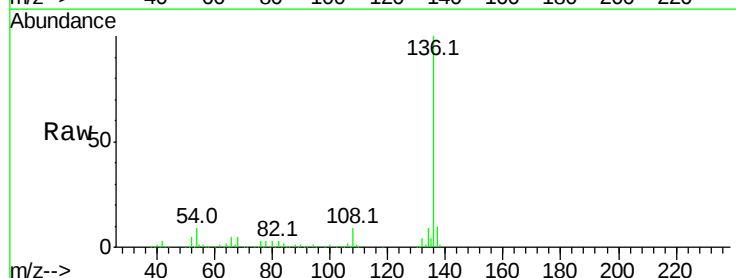
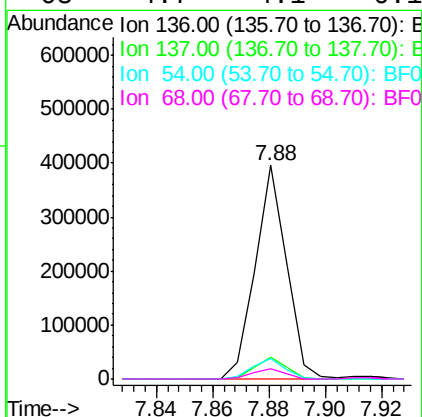
RT: 7.88 min Scan# 1002

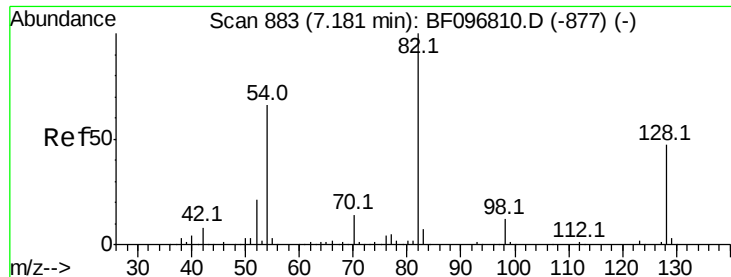
Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	9.5	4.9	7.3#
68	4.7	4.1	6.1





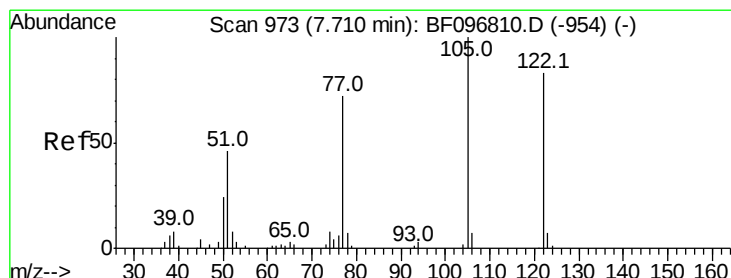
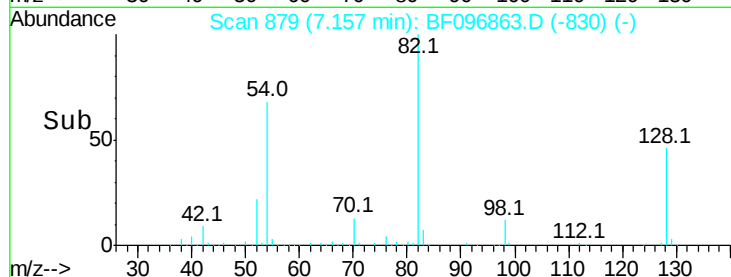
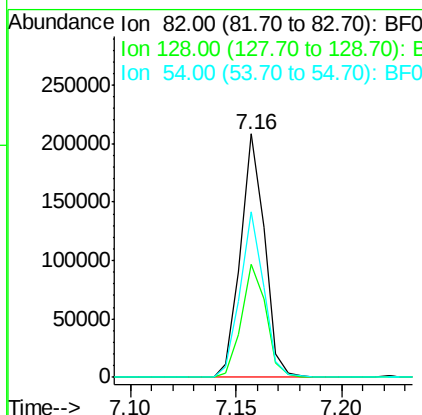
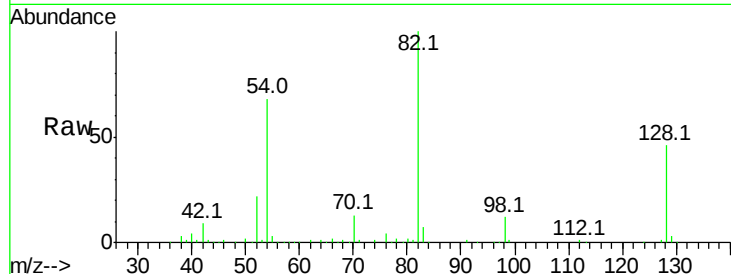
#23
Nitrobenzene-d5
Concen: 33.341 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
M-COMB-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	68.0	42.2	63.2

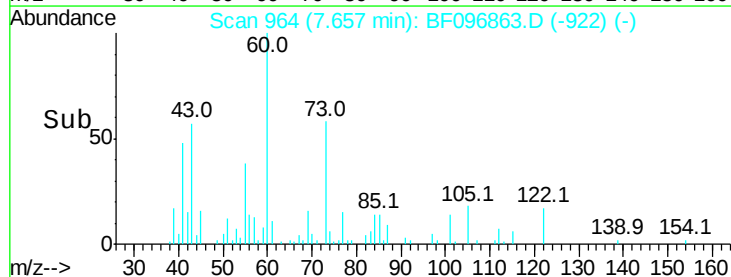
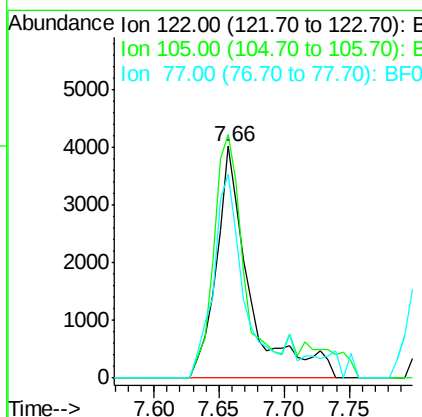
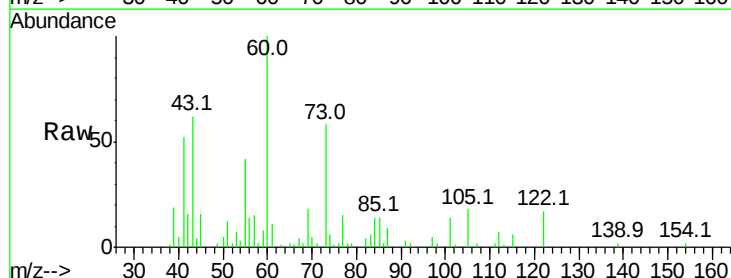
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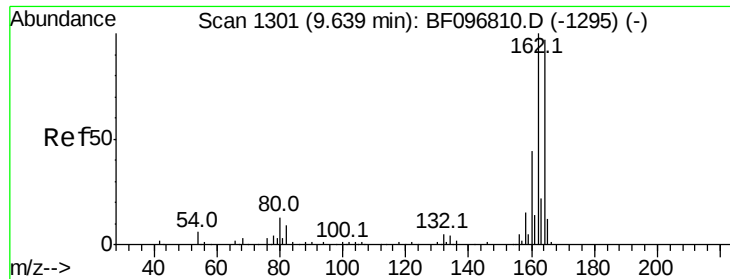
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#32
Benzoic acid
Concen: 2.374 ng m
RT: 7.66 min Scan# 964
Delta R.T. -0.05 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.2	103.3	143.3
77	87.9	73.7	113.7





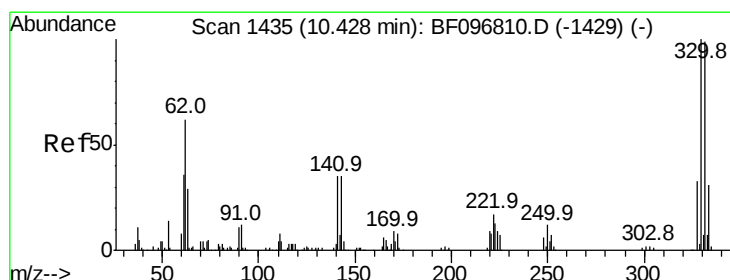
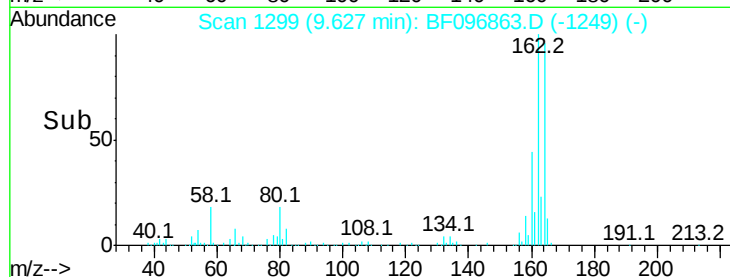
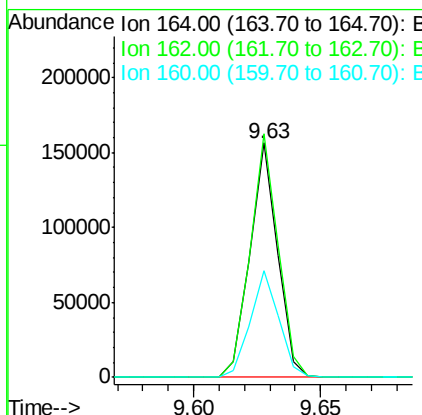
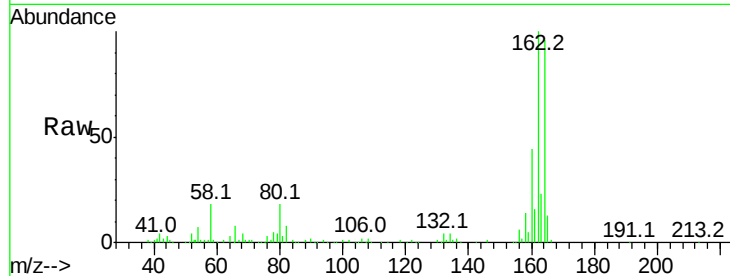
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
M-COMB-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	82.6	123.8	
160	45.4	36.2	54.2	

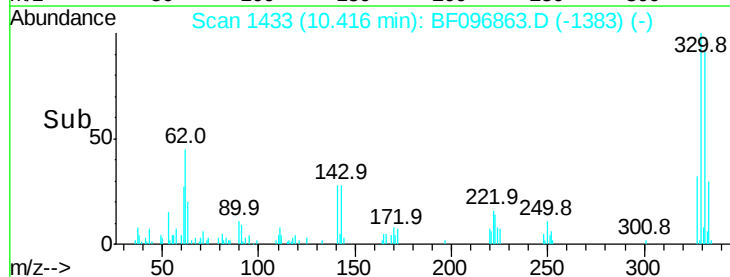
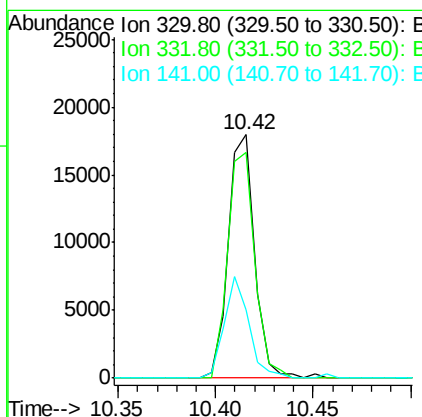
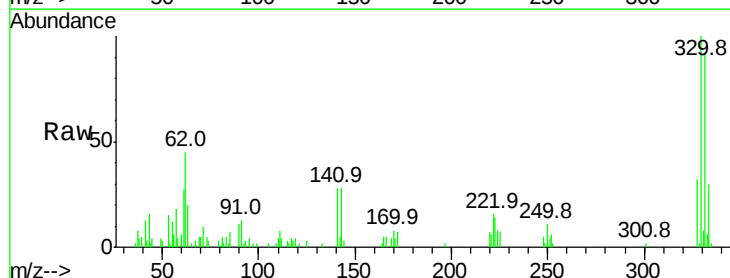
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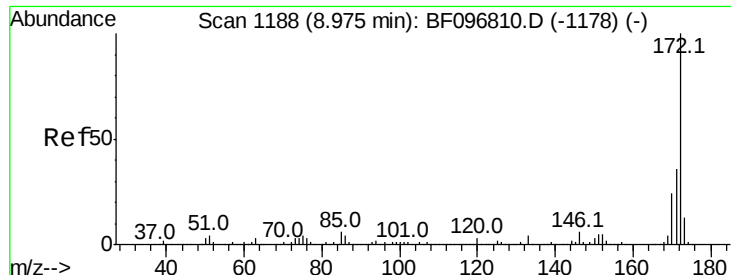
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#41
2,4,6-Tribromophenol
Concen: 16.635 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.6	115.0	
141	39.0	31.4	47.2	





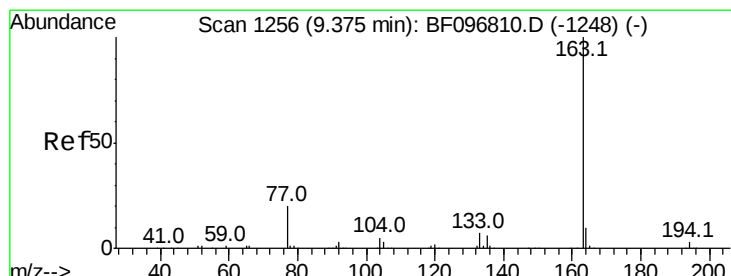
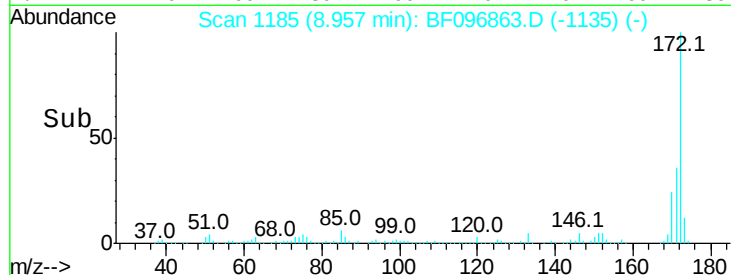
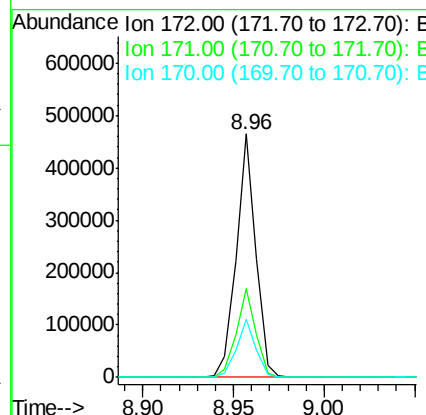
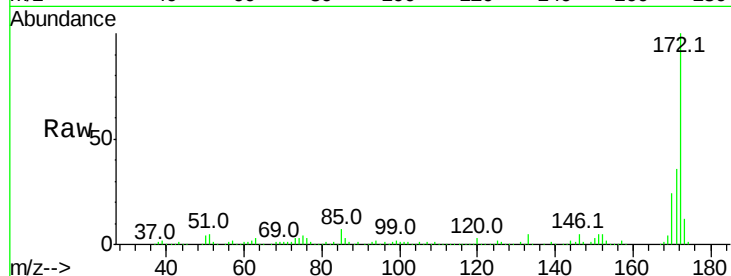
#44
2-Fluorobiphenyl
Concen: 46.254 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
M-COMB-01

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.6	44.4	
170	23.8	19.8	29.8	

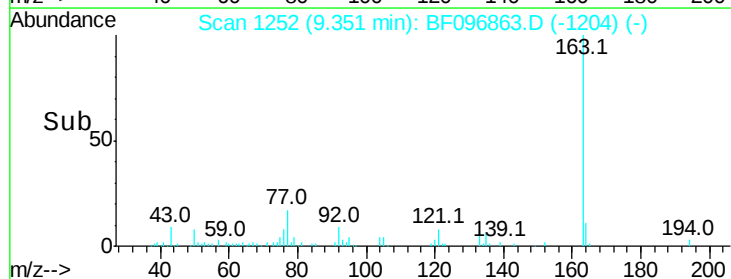
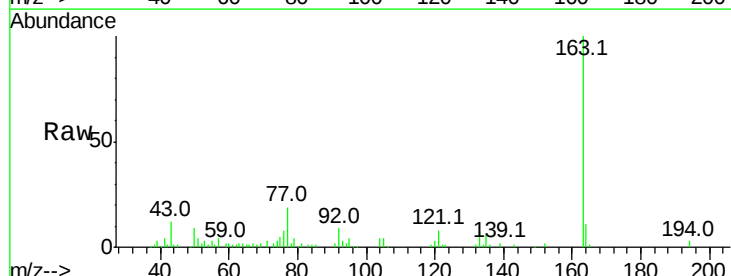
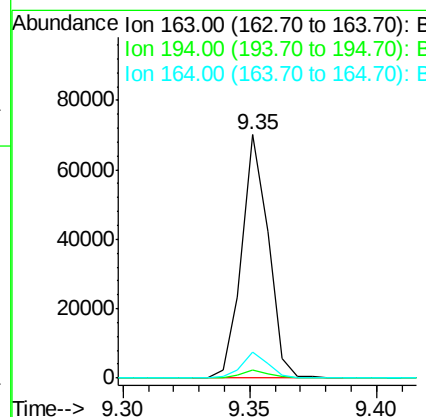
Manual Integrations
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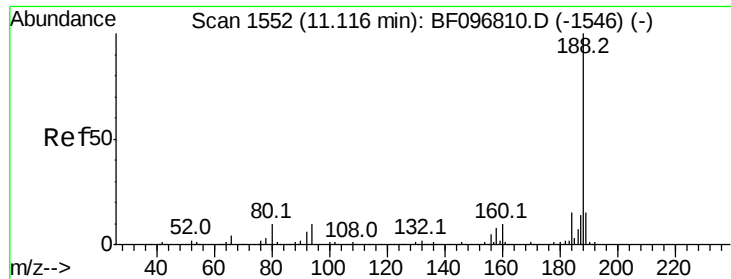
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#49
Dimethylphthalate
Concen: 5.700 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.6	8.4	12.6	





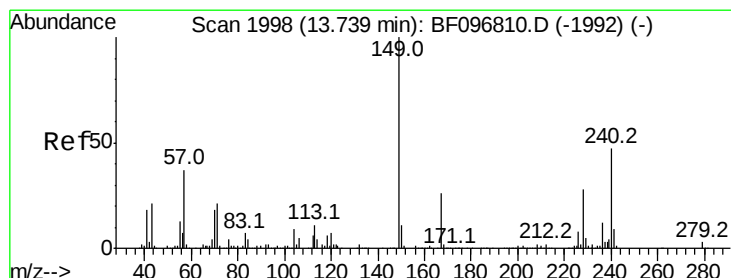
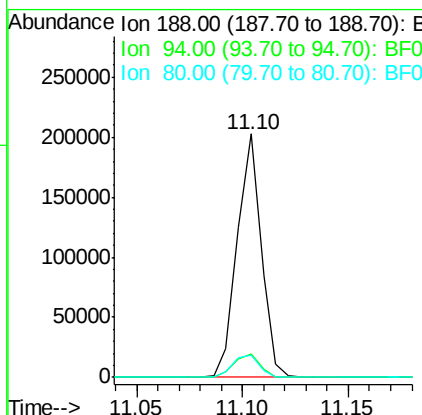
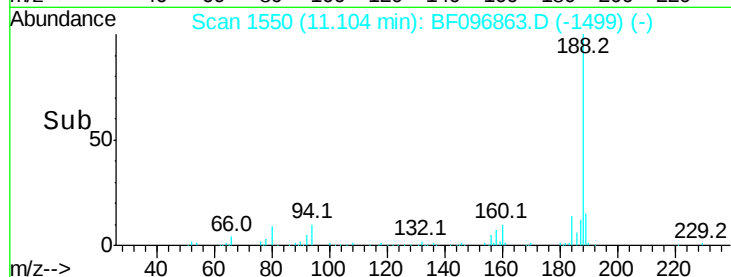
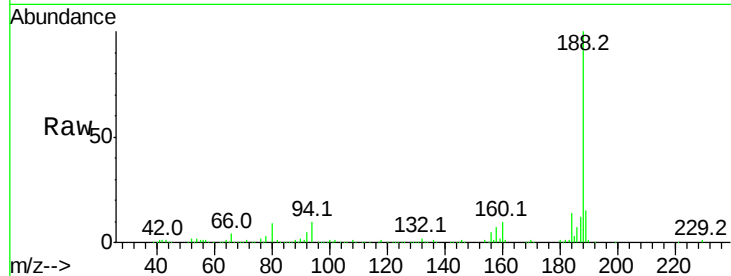
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampled :
M-COMB-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	9.4	14.2
80	9.2	10.2	15.2#

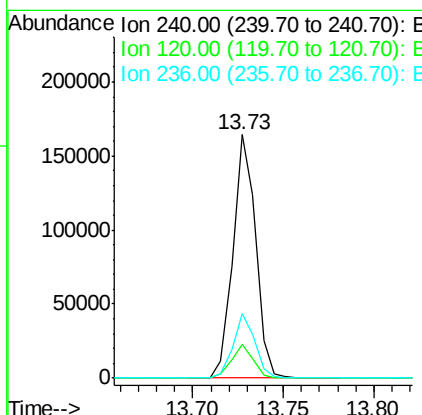
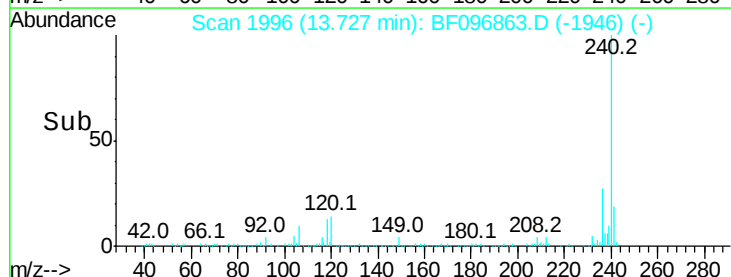
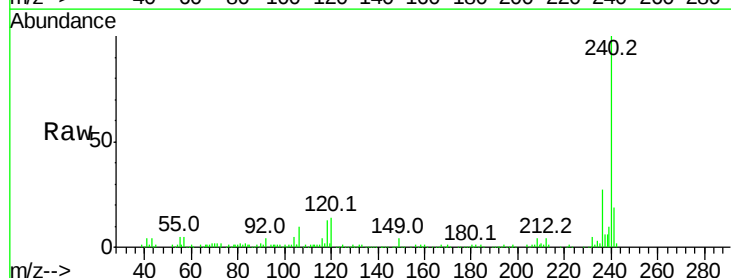
Manual Integrations
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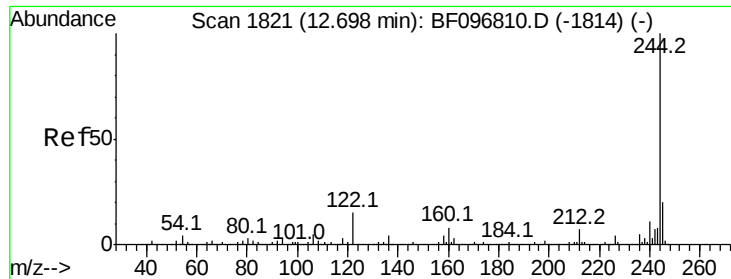
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.7	20.5	30.7





#78

Terphenyl-d14

Concen: 26.468 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

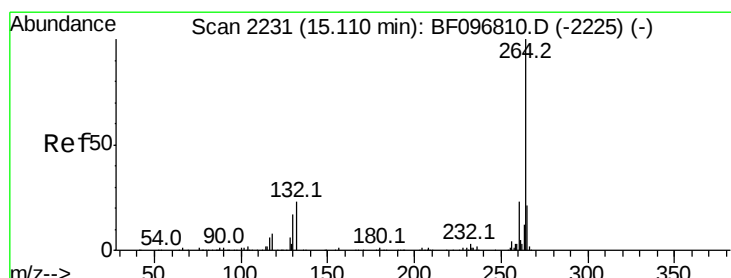
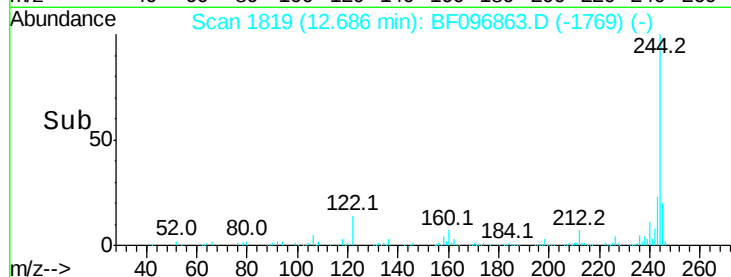
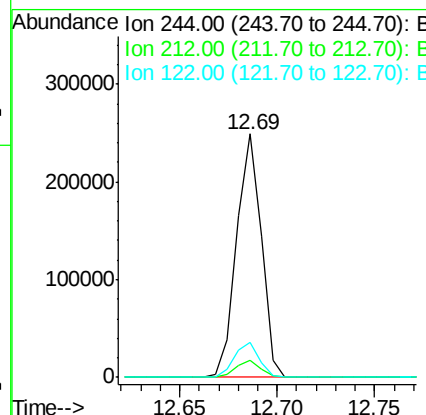
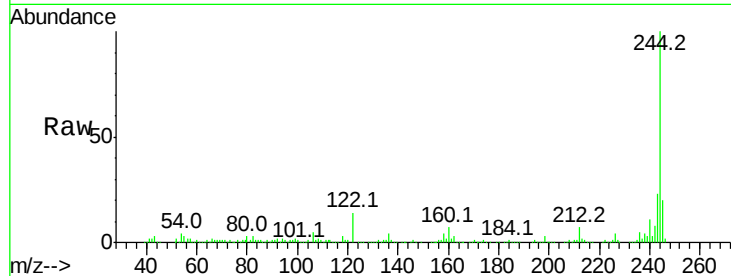
ClientSampleId :

M-COMB-01

Tot Ion:	244	Resp:	219081
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.4	10.3	15.5

Manual Integrations
APPROVED

mohammad
7/19/2017 2:32:12 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Tgt Ion:	264	Resp:	90527
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	21.4	17.2	25.8

