

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104412.D
 Acq On : 10 Apr 2018 16:47
 Operator : JU/SJ
 Sample : J2303-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M11

Manual Integrations
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Sohil
 4/11/2018 5:17:07 PM

Quant Time: Apr 10 18:19:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123634	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	478834	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	183374	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	269671	20.00	ng	0.00
75) Chrysene-d12	13.98	240	270028	20.00	ng	0.00
86) Perylene-d12	15.45	264	192983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	728509	90.10	ng	0.00
7) Phenol-d6	6.44	99	875571	88.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	525750	71.70	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	155742	81.88	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	856957	73.83	ng	0.00
78) Terphenyl-d14	12.93	244	679520	57.37	ng	0.00
Target Compounds						
10) Phenol	6.45	94	24472	2.322	ng	77
49) Dimethylphthalate	9.56	163	62008	4.288	ng	100
74) Fluoranthene	12.54	202	38065	2.426	ng	99
87) Benzo(b)fluoranthene	15.02	252	26216m	2.151	ng	

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

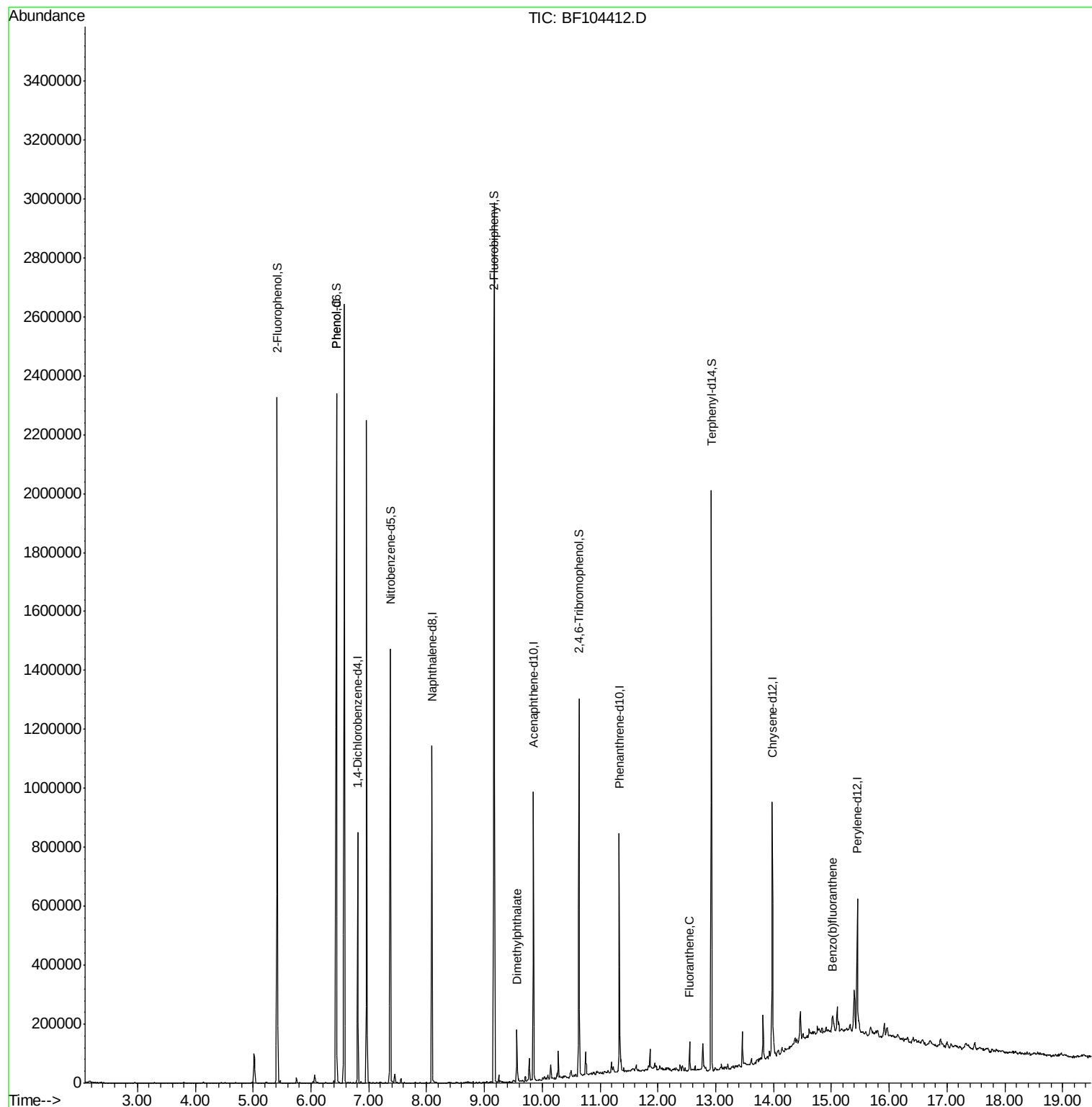
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104412.D
Acq On : 10 Apr 2018 16:47
Operator : JU/SJ
Sample : J2303-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

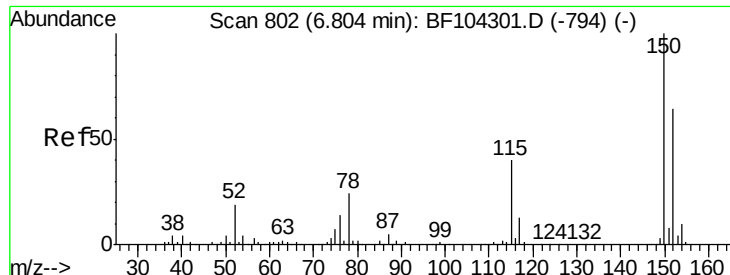
Instrument :
BNA_F
ClientSampleId :
M11

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#1

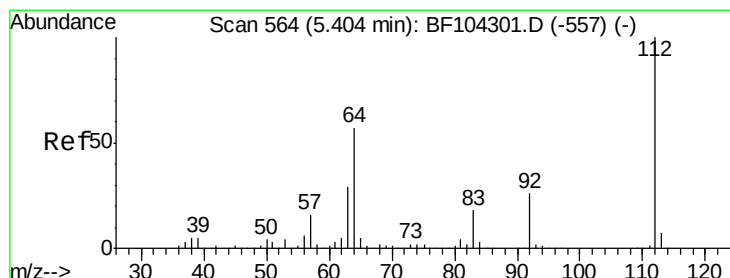
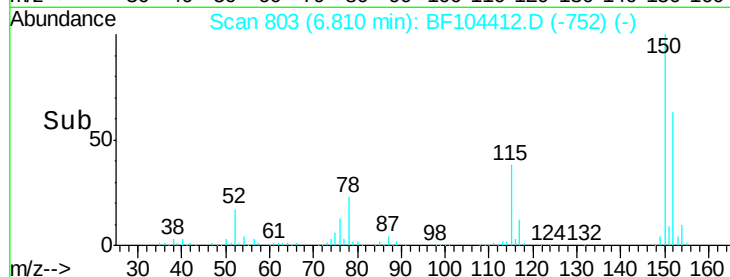
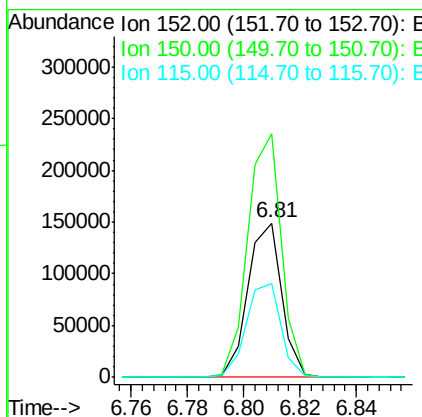
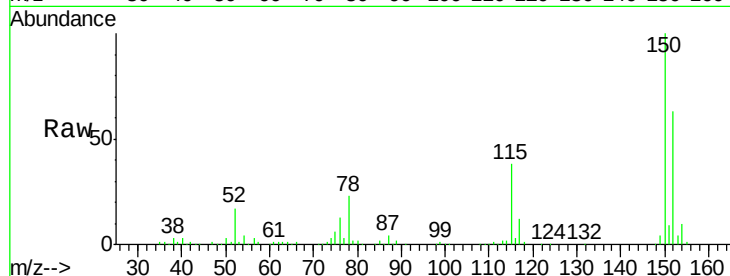
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Instrument :
BNA_F
ClientSampled :
M11

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	60.6	50.1	75.1

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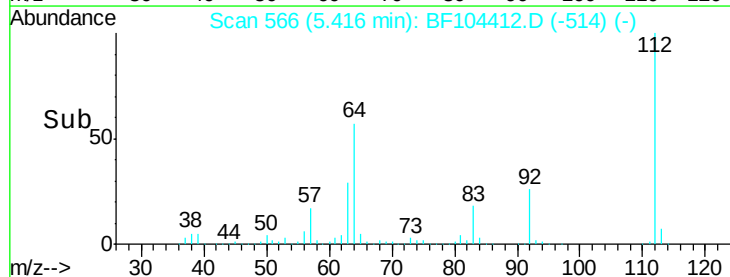
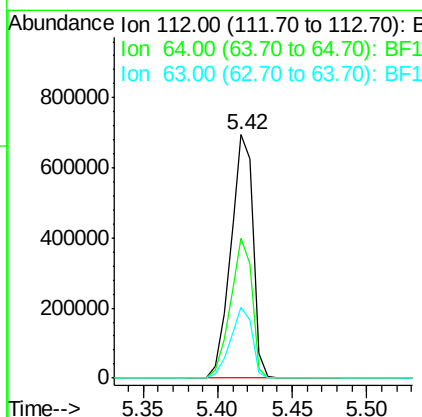
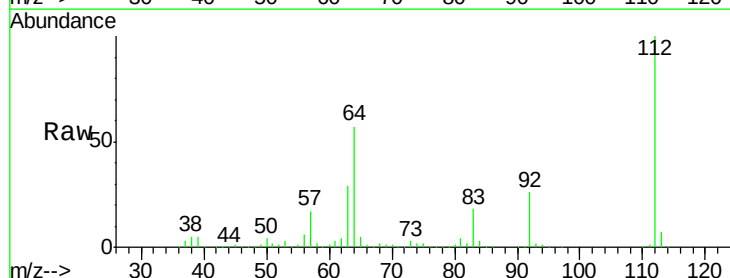
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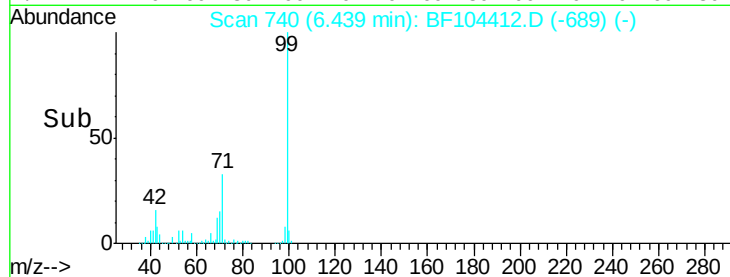
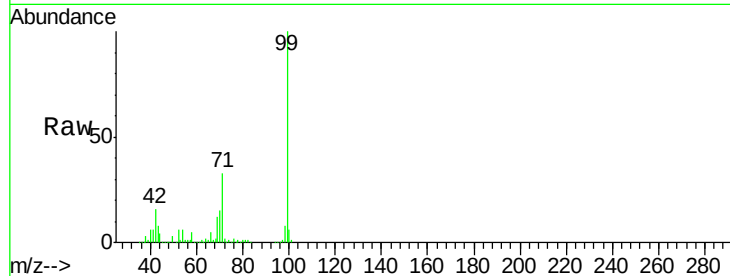
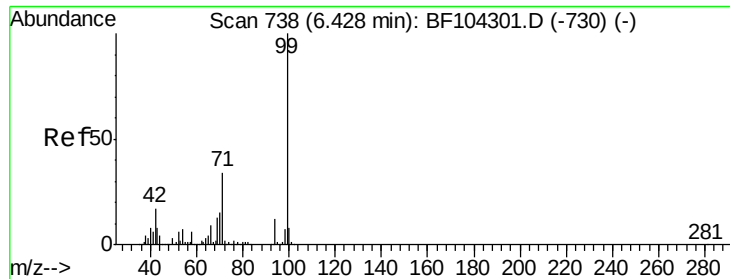


#5

2-Fluorophenol
Concen: 90.099 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 88.133 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104412.D

Acq: 10 Apr 2018 16:47

Tot Ion:	99	Resp:	875571
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	32.7	25.4	38.0

Instrument :

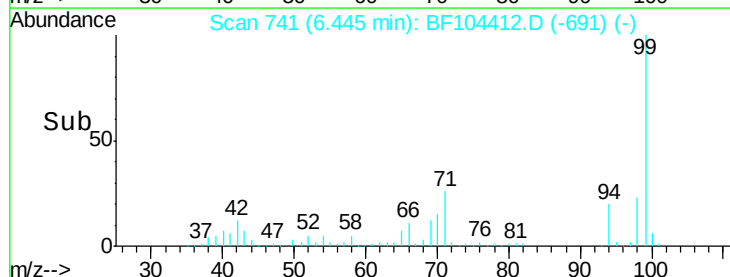
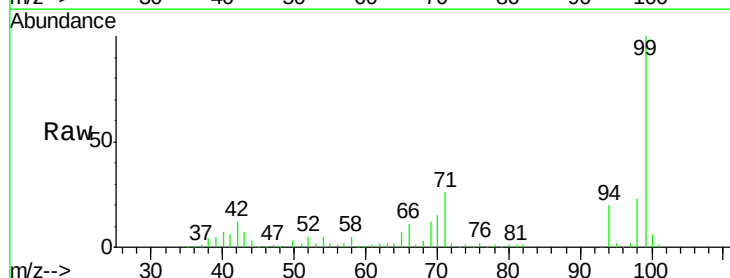
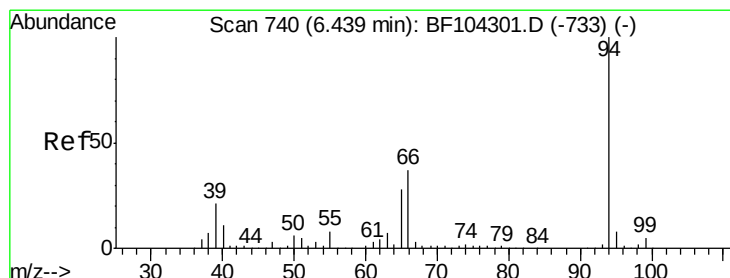
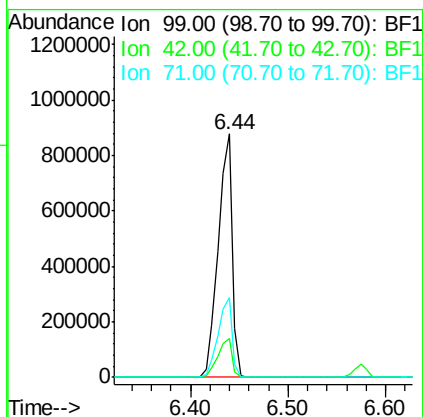
BNA_F

ClientSampled :

M11

Manual Integrations
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#10

Phenol

Concen: 2.322 ng

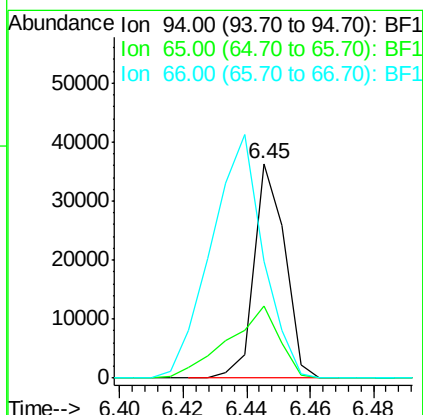
RT: 6.45 min Scan# 741

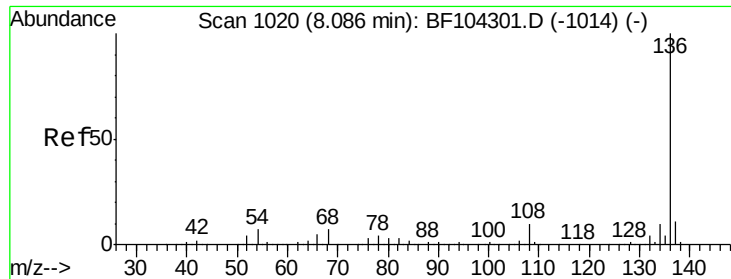
Delta R.T. -0.01 min

Lab File: BF104412.D

Acq: 10 Apr 2018 16:47

Tgt Ion:	94	Resp:	24472
Ion Ratio	Lower	Upper	
94	100		
65	33.8	7.9	47.9
66	54.8	16.2	56.2





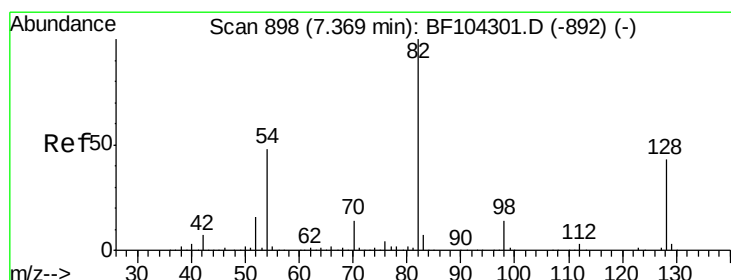
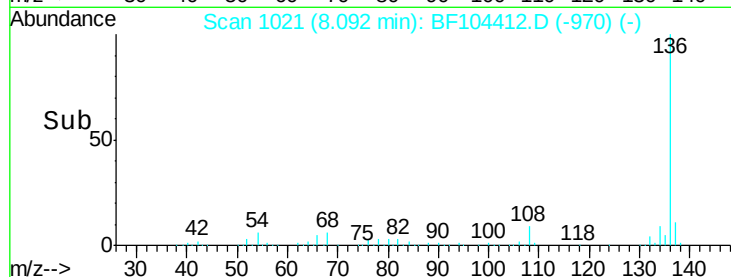
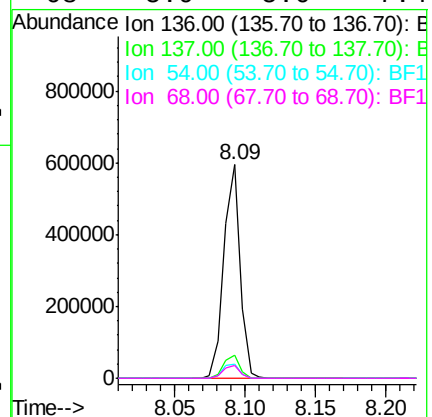
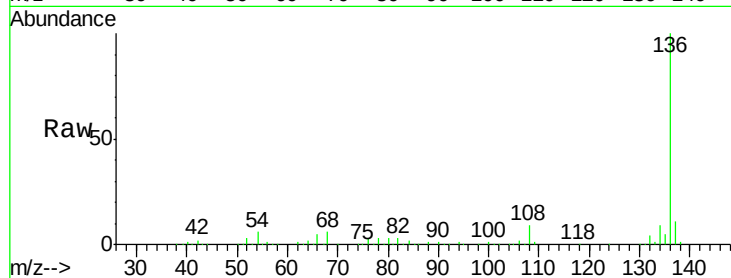
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Instrument :
BNA_F
ClientSampled :
M11

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.3	6.6	9.8	
68	5.9	5.0	7.4	

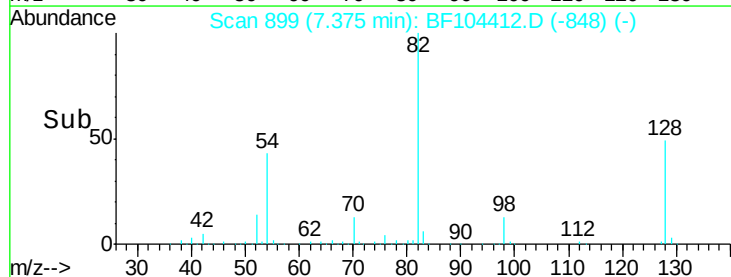
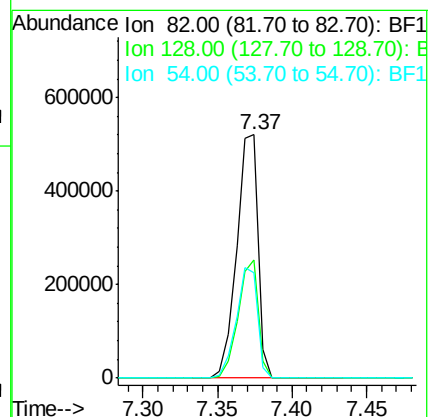
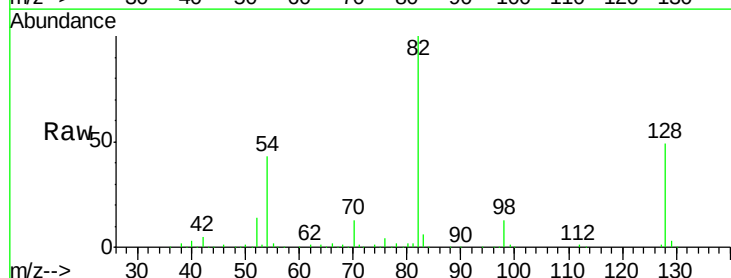
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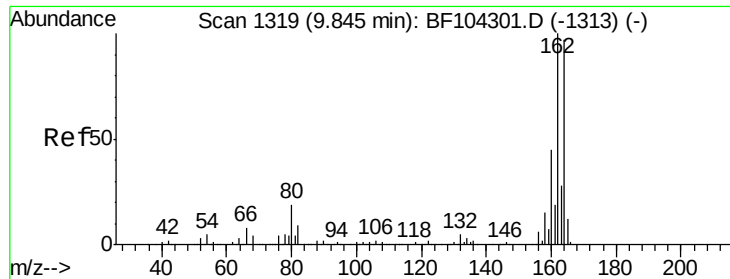
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#23
Nitrobenzene-d5
Concen: 71.696 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.7	36.1	54.1	
54	43.4	41.4	62.2	





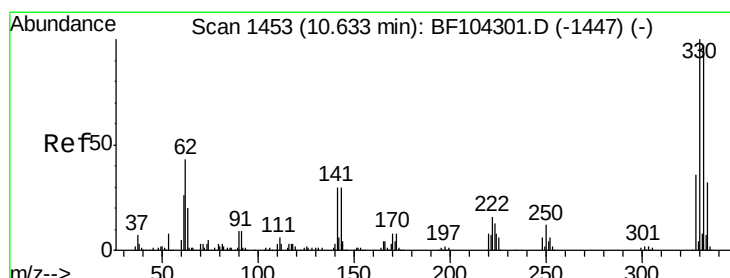
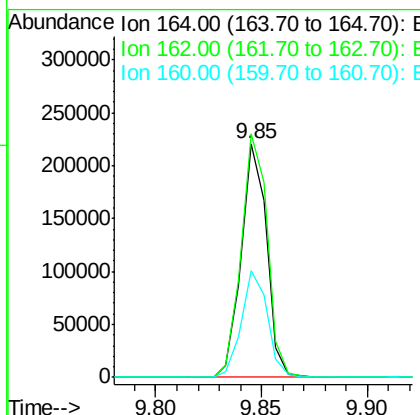
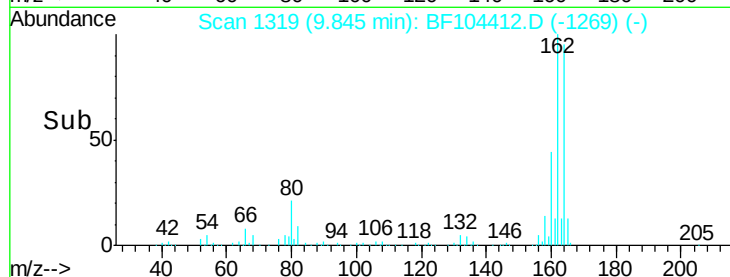
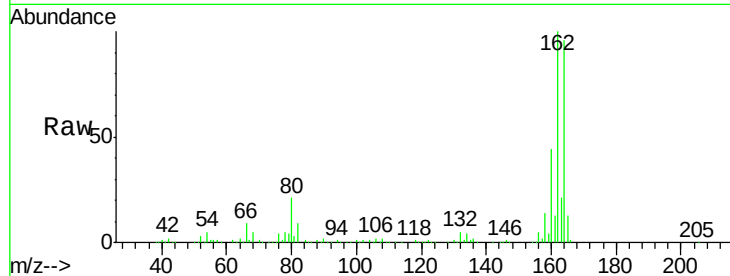
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104412.D
 Acq: 10 Apr 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 M11

Tot Ion	Ratio	Resp	Lower	Upper
164	100	183374		
162	104.2	86.1	129.1	
160	45.8	38.3	57.5	

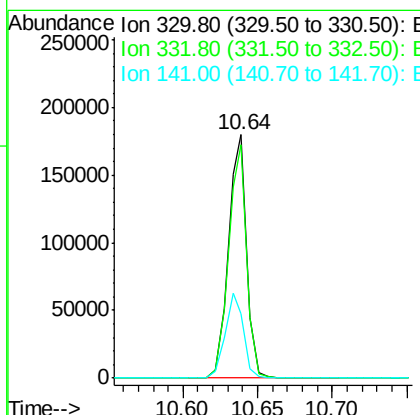
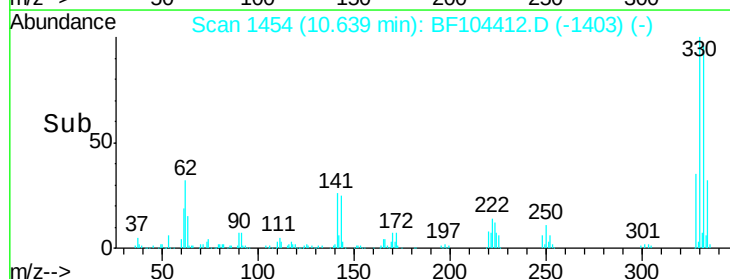
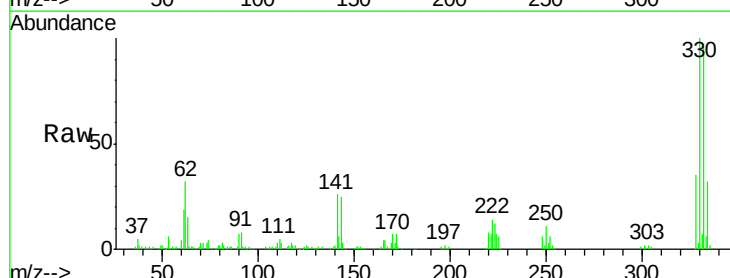
Manual Integrations
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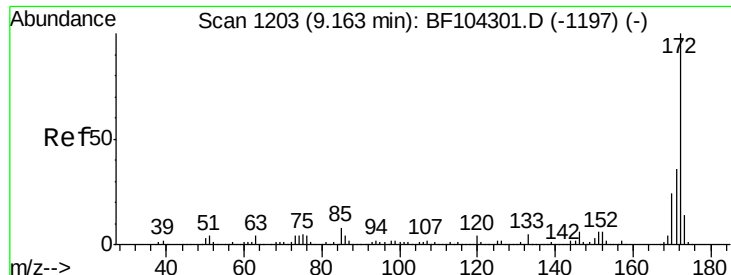
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#41
 2,4,6-Tribromophenol
 Concen: 81.875 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104412.D
 Acq: 10 Apr 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	155742		
332	95.9	77.0	115.6	
141	35.1	29.9	44.9	





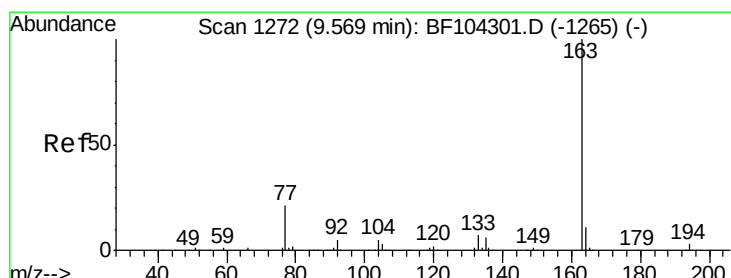
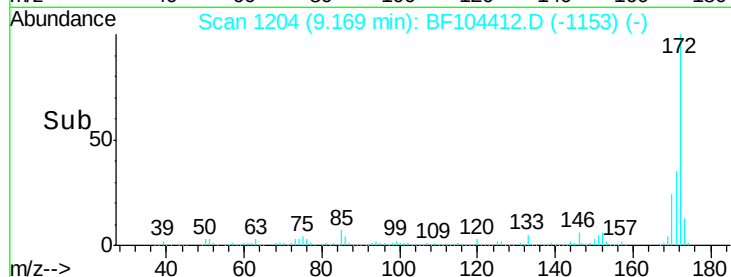
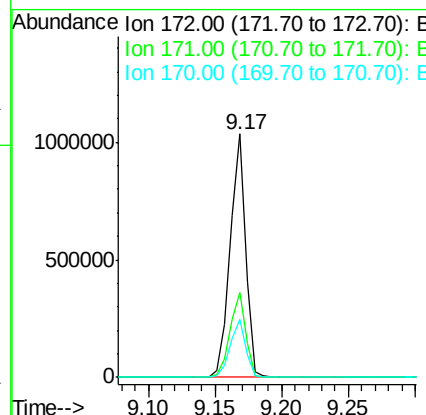
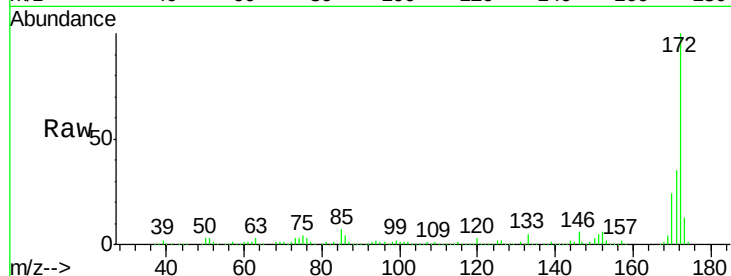
#44
2-Fluorobiphenyl
Concen: 73.826 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Instrument :
BNA_F
ClientSampled :
M11

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.6	19.6	29.4

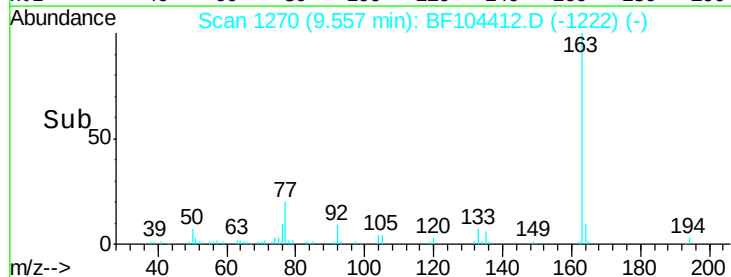
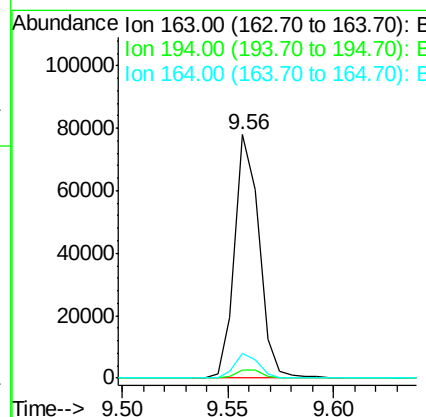
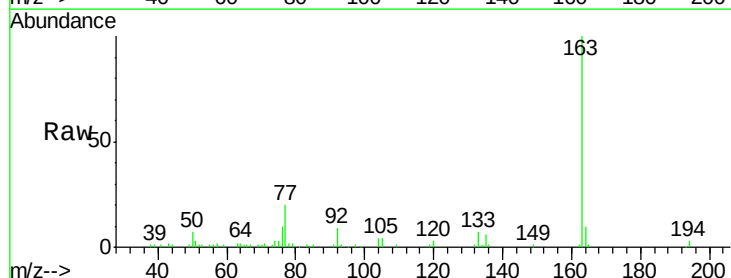
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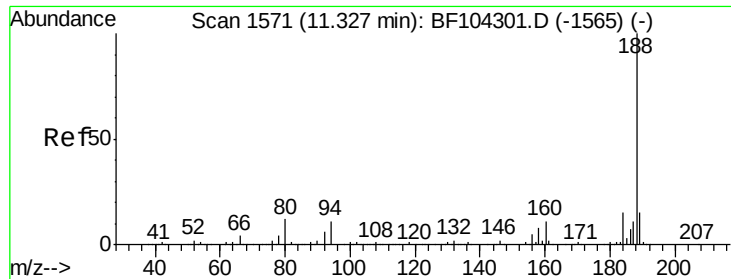
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#49
Dimethylphthalate
Concen: 4.288 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2





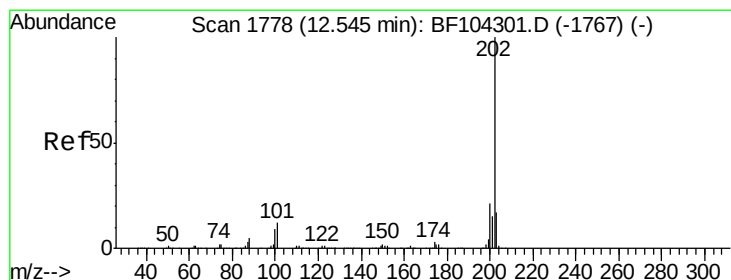
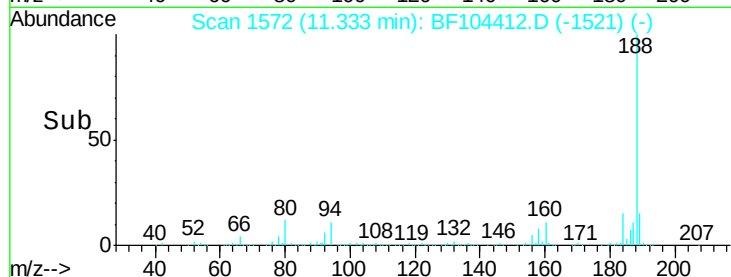
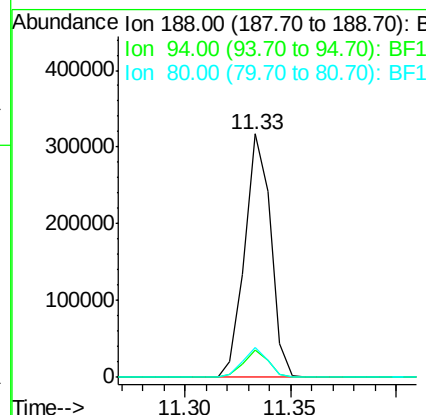
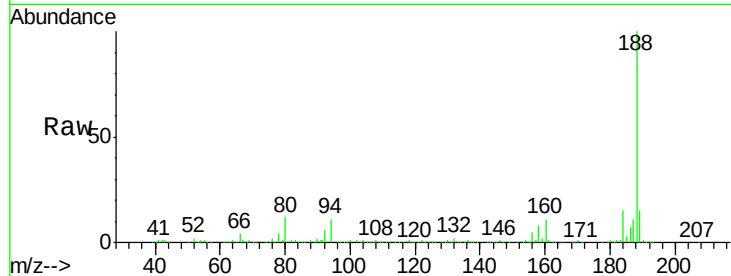
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Instrument :
BNA_F
ClientSampleId :
M11

Tot Ion	Ratio	Resp	Lower	Upper
188	100	269671		
94	11.2		8.5	12.7
80	12.0		9.2	13.8

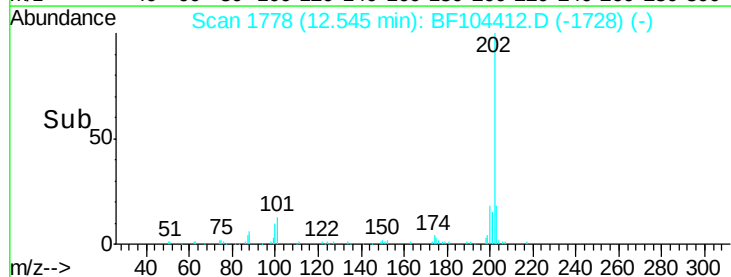
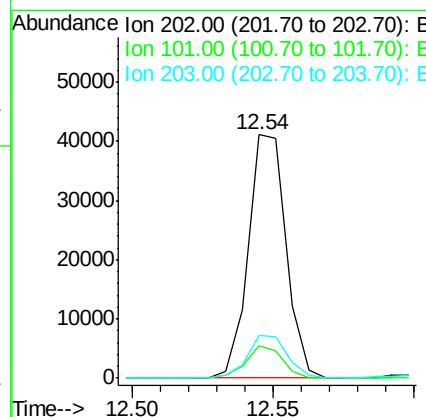
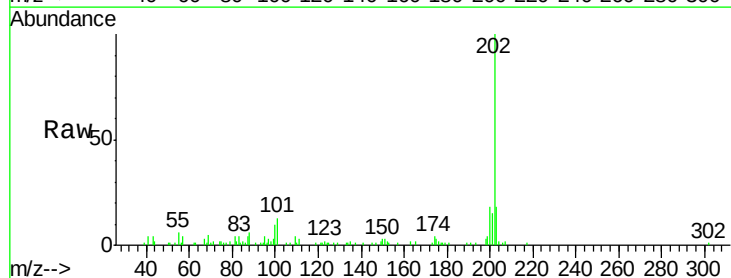
Manual Integrations
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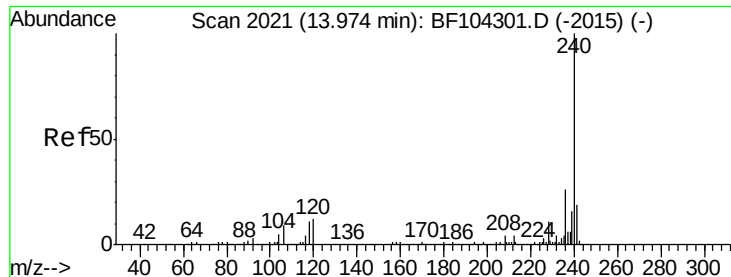
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#74
Fluoranthene
Concen: 2.426 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	38065		
101	13.3		0.0	34.1
203	17.7		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104412.D

Acq: 10 Apr 2018 16:47

Instrument :

BNA_F

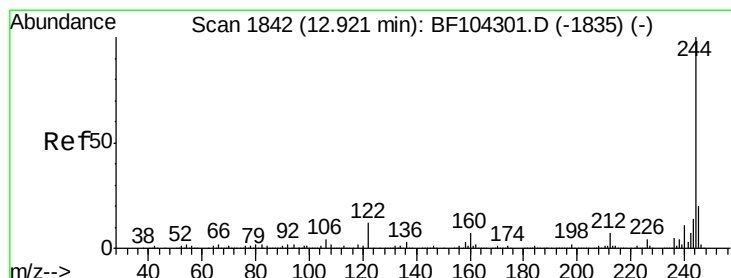
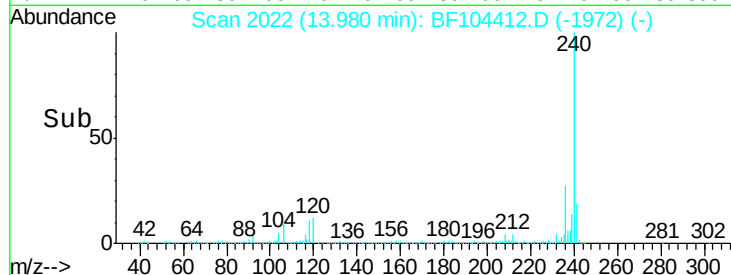
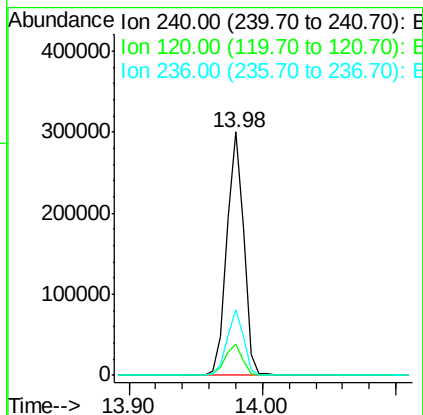
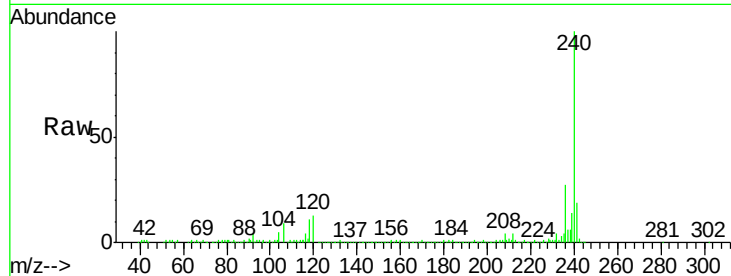
ClientSampleId :

M11

Tot Ion:	240	Resp:	270028
Ion Ratio		Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.8	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 57.371 ng

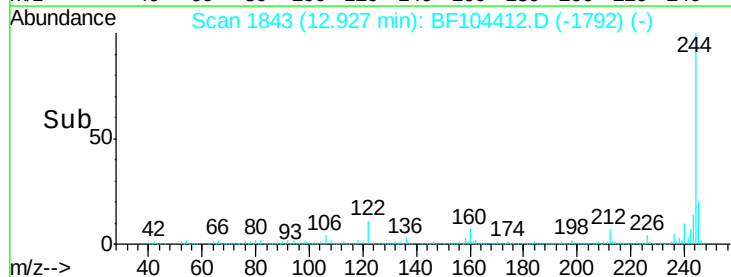
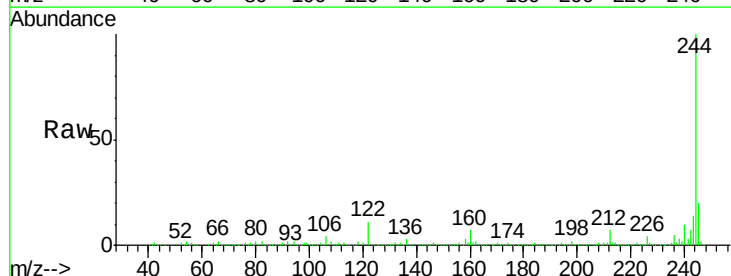
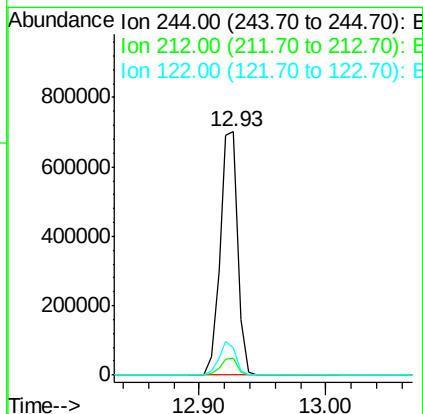
RT: 12.93 min Scan# 1843

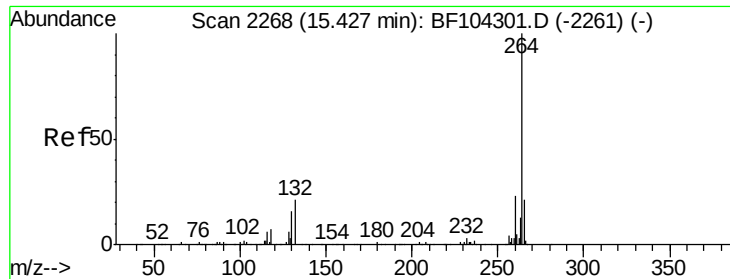
Delta R.T. -0.00 min

Lab File: BF104412.D

Acq: 10 Apr 2018 16:47

Tgt Ion:	244	Resp:	679520
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.0	11.0	16.4





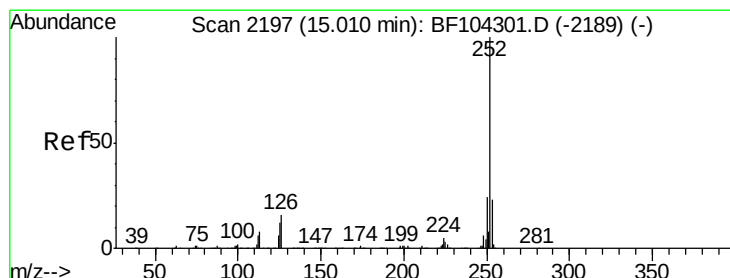
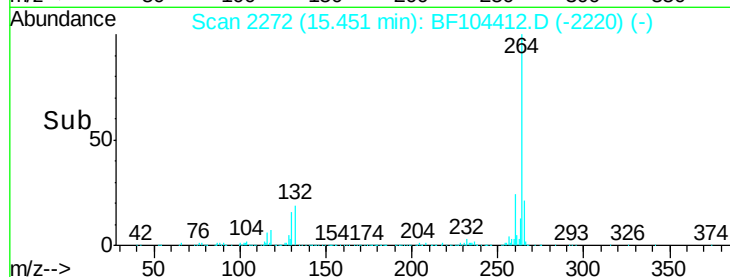
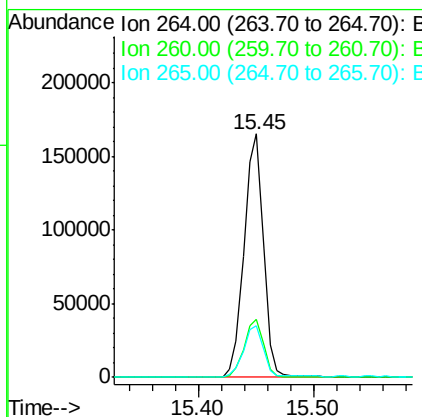
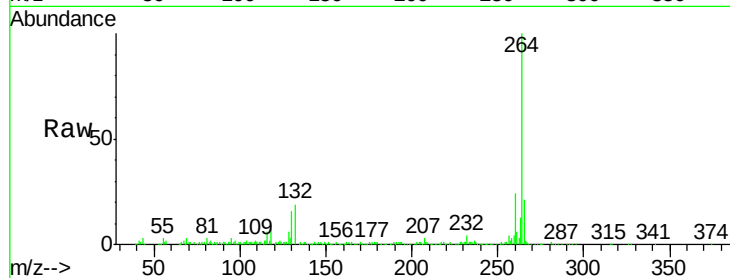
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Instrument :
BNA_F
ClientSampled :
M11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/11/2018 5:17:07 PM



#87
Benzo(b)fluoranthene
Concen: 2.151 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF104412.D
Acq: 10 Apr 2018 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	18.9	9.0	13.6#

