

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103964.D
 Acq On : 27 Mar 2018 9:26
 Operator : JU/SJ
 Sample : J2040-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-1

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:27 PM

Quant Time: Mar 27 11:59:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143890	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	582227	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	258196	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	429868	20.00	ng	0.00
75) Chrysene-d12	14.16	240	282301	20.00	ng	0.00
86) Perylene-d12	15.70	264	260898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	823851	87.09	ng	0.01
7) Phenol-d6	6.60	99	1053190	91.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	655767	78.54	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	238417	107.40	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1195770	73.88	ng	0.00
78) Terphenyl-d14	13.10	244	970656	79.81	ng	0.00
Target Compounds						
10) Phenol	6.61	94	47701	3.879	ng	91
49) Dimethylphthalate	9.72	163	78185	3.969	ng	99
70) Phenanthrene	11.53	178	65605	2.790	ng	98
74) Fluoranthene	12.73	202	81787	3.376	ng	95
77) Pyrene	12.96	202	63747	3.075	ng	97

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

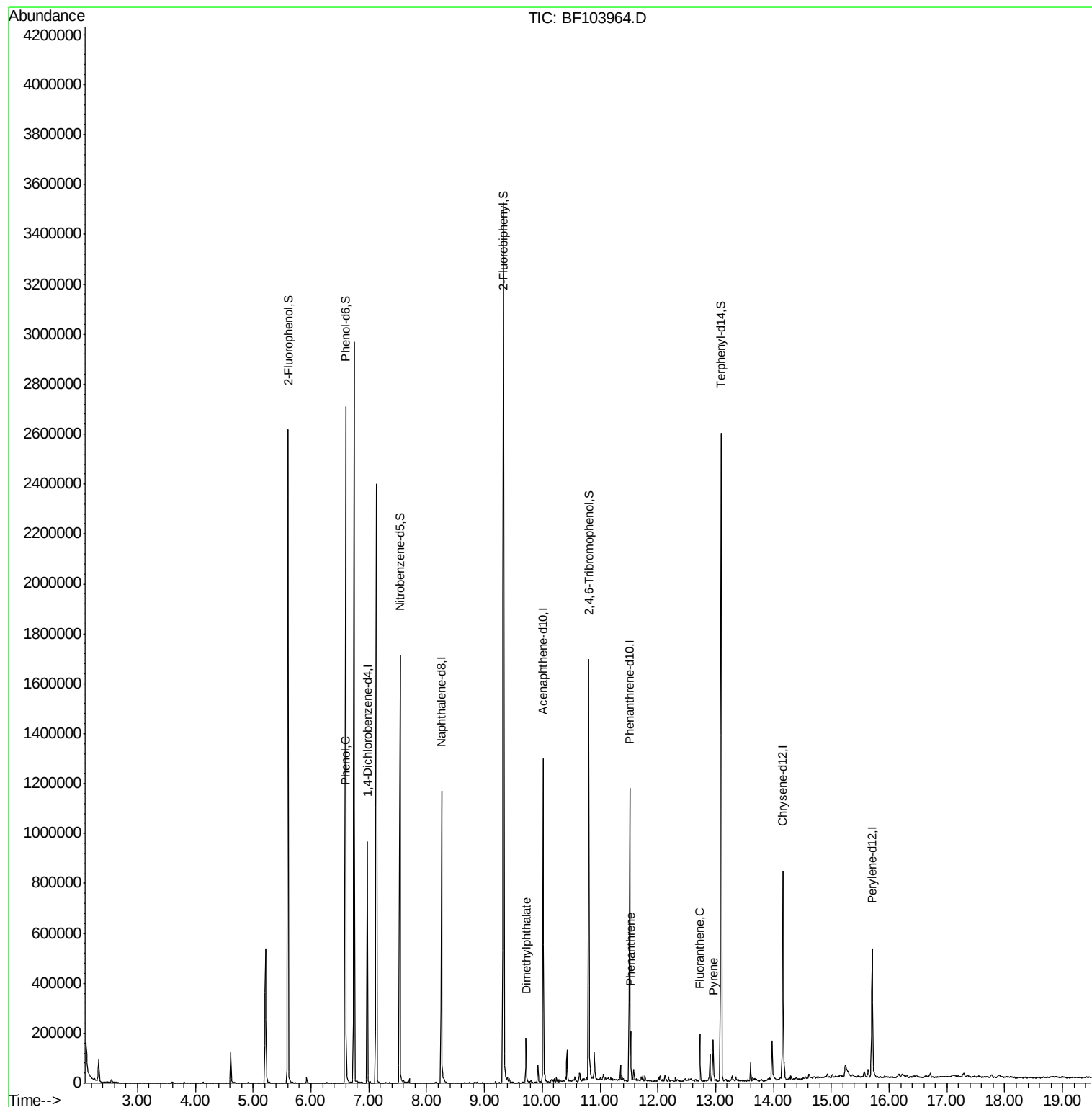
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103964.D
Acq On : 27 Mar 2018 9:26
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Sample : J2040-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

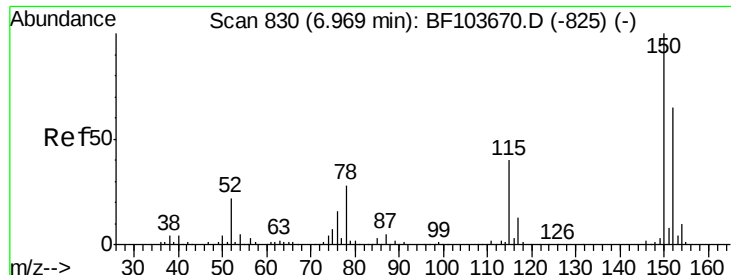
Instrument :
BNA_F
ClientSampleId :
MS-1

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#1

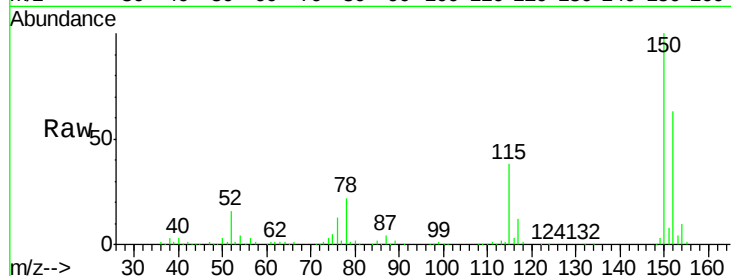
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Instrument :
BNA_F
ClientSampled :
MS-1

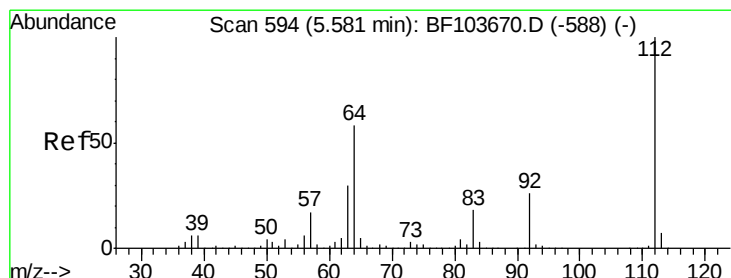
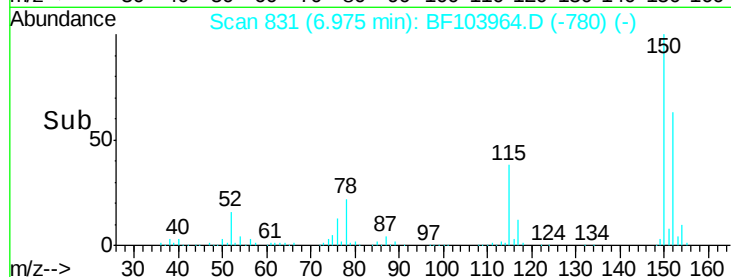
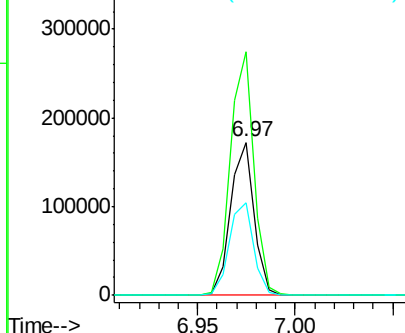
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	60.4	50.1	75.1

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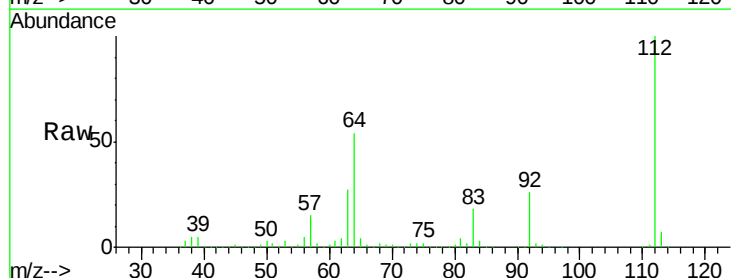
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



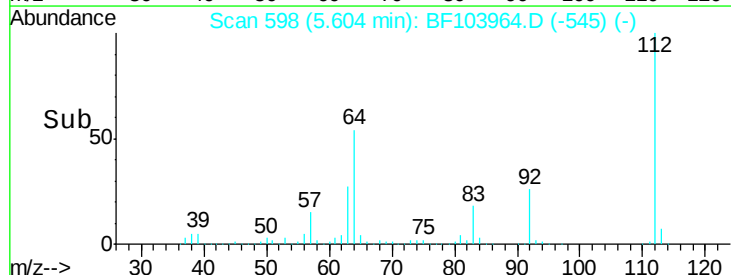
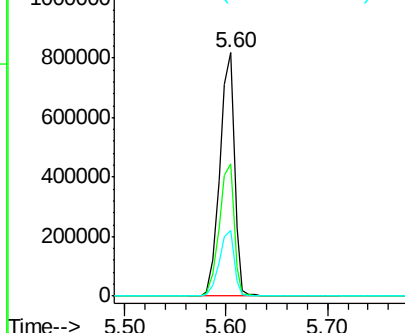
#5

2-Fluorophenol
Concen: 87.085 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	26.8	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: 90.997 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103964.D

Acq: 27 Mar 2018 9:26

Instrument :

BNA_F

ClientSampleId :

MS-1

Tot Ion: 99 Resp: 1053190

Ion Ratio Lower Upper

99 100

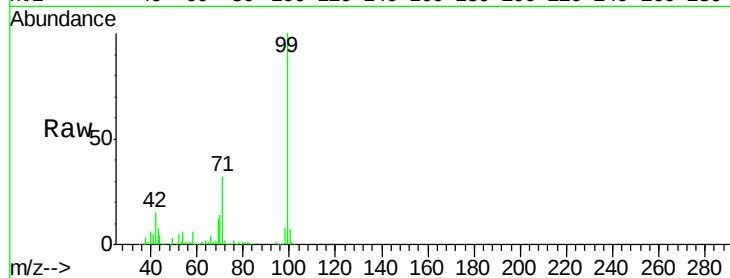
42 14.8 14.5 21.7

71 32.3 25.4 38.0

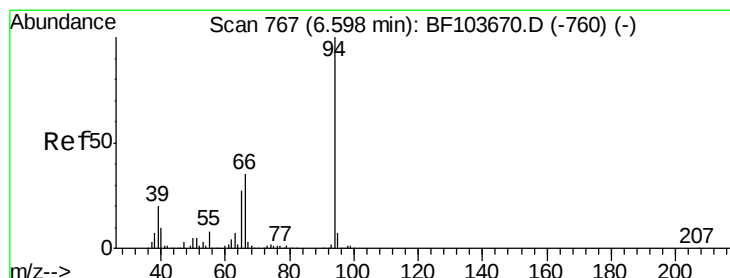
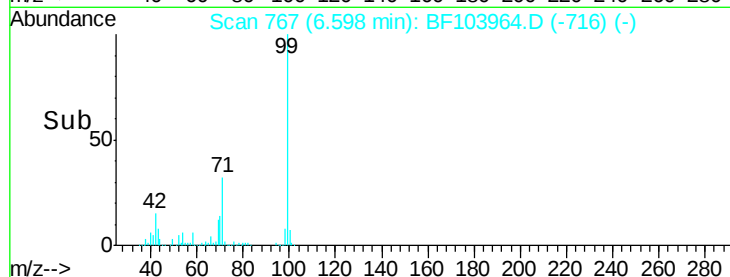
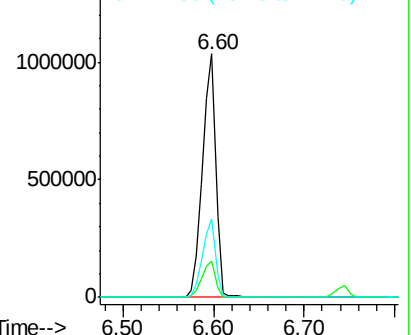
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.879 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103964.D

Acq: 27 Mar 2018 9:26

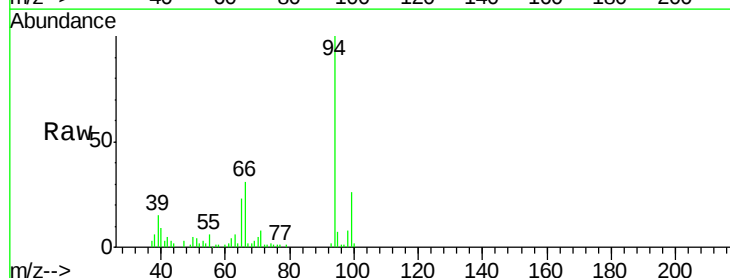
Tgt Ion: 94 Resp: 47701

Ion Ratio Lower Upper

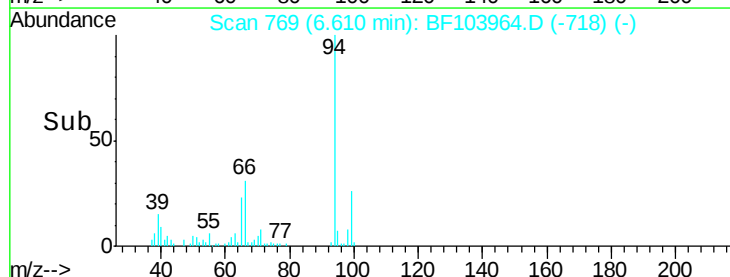
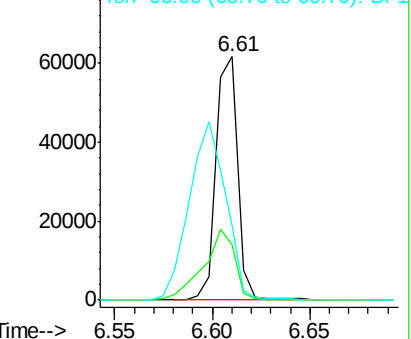
94 100

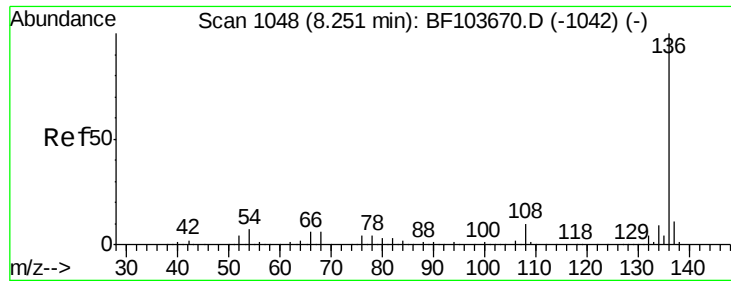
65 22.8 7.9 47.9

66 30.9 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





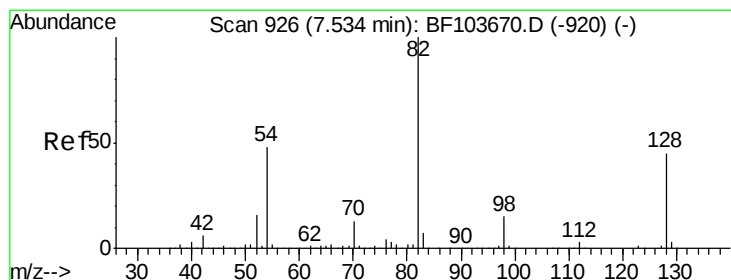
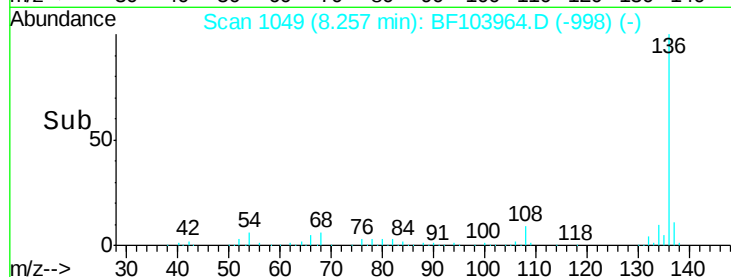
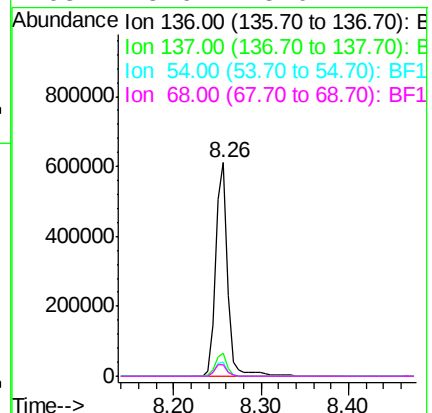
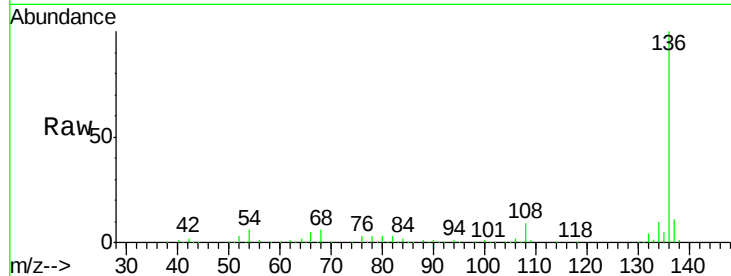
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Instrument :
BNA_F
ClientSampled :
MS-1

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8
68	5.6	5.0	7.4

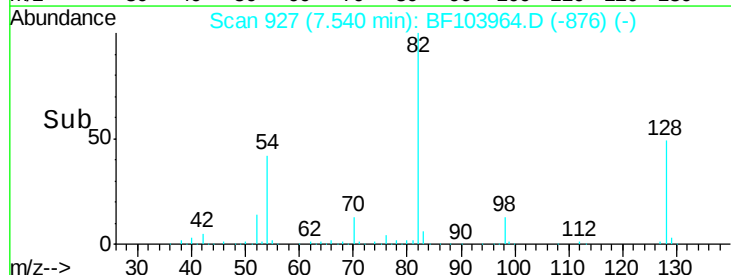
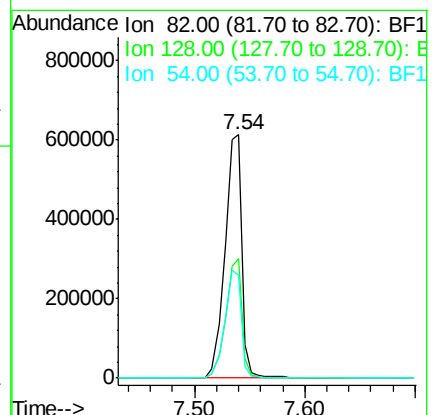
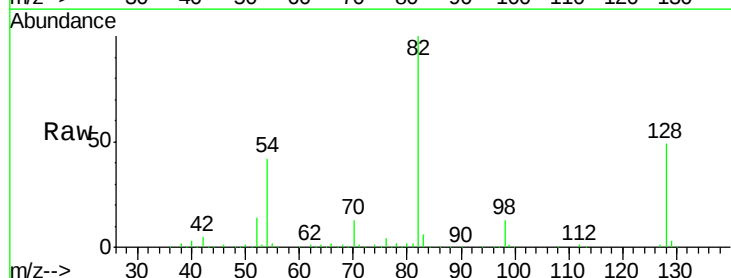
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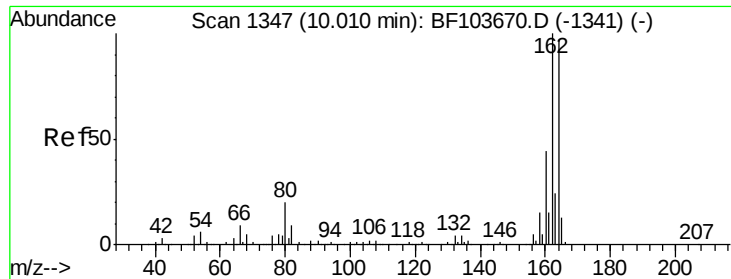
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#23
Nitrobenzene-d5
Concen: 78.544 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.1	36.1	54.1
54	42.5	41.4	62.2





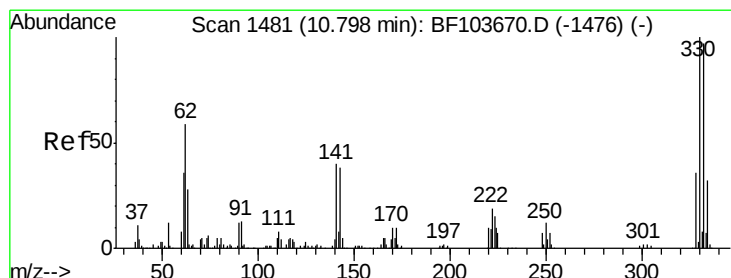
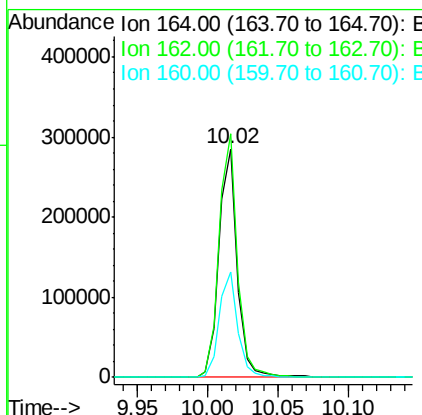
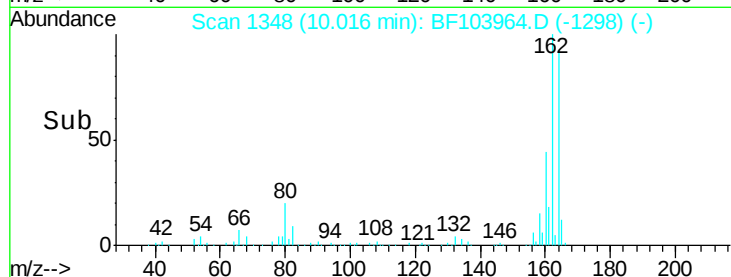
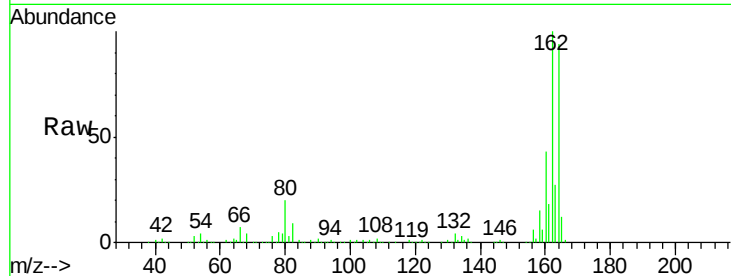
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Instrument :
BNA_F
ClientSampled :
MS-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	258196		
162	106.5	86.1	129.1	
160	46.3	38.3	57.5	

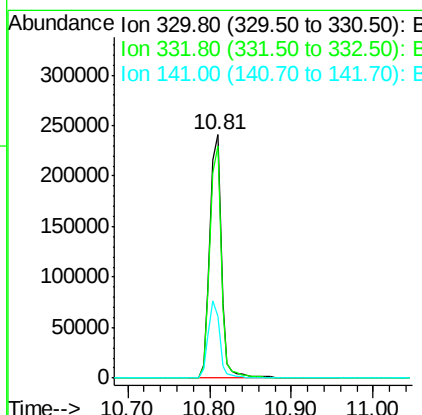
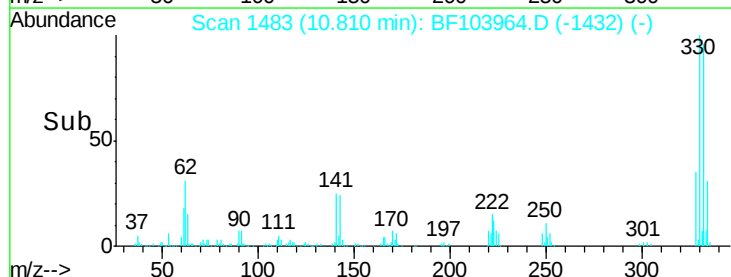
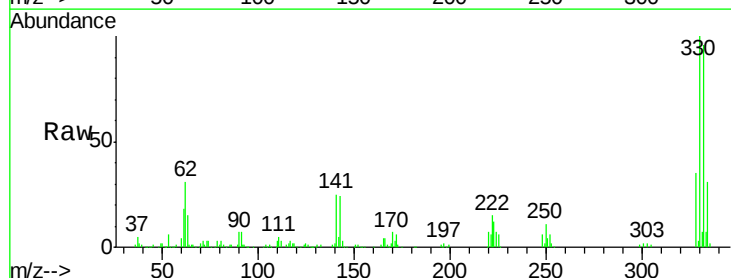
Manual Integrations
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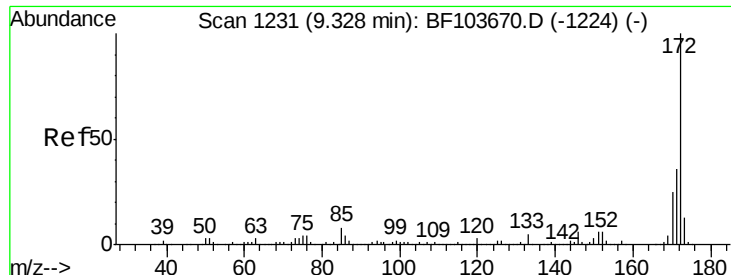
Sohil
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#41
2,4,6-Tribromophenol
Concen: 107.396 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238417		
332	94.7	77.0	115.6	
141	31.5	29.9	44.9	





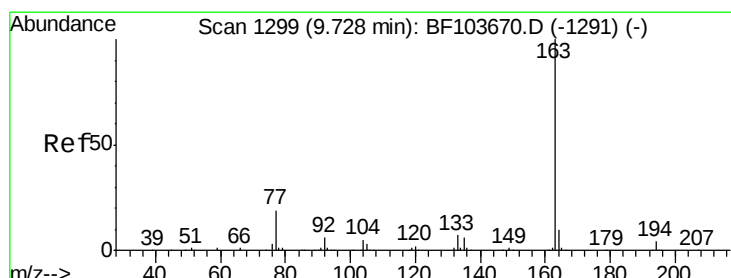
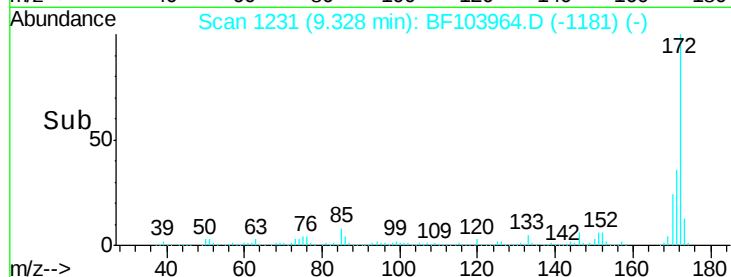
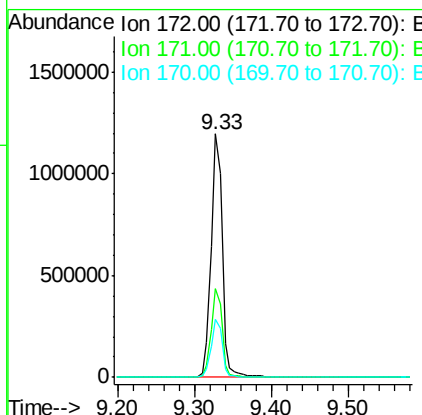
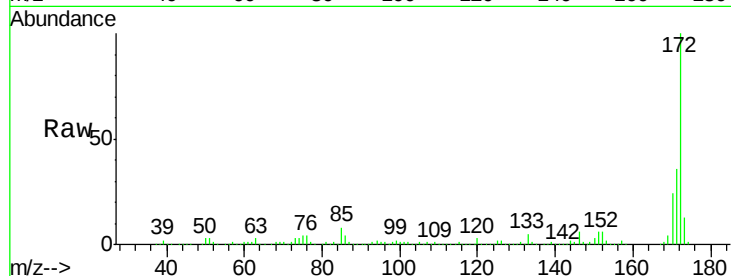
#44
2-Fluorobiphenyl
Concen: 73.875 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Instrument :
BNA_F
ClientSampleId :
MS-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

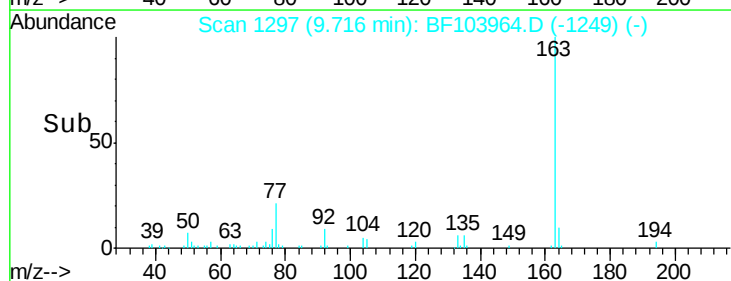
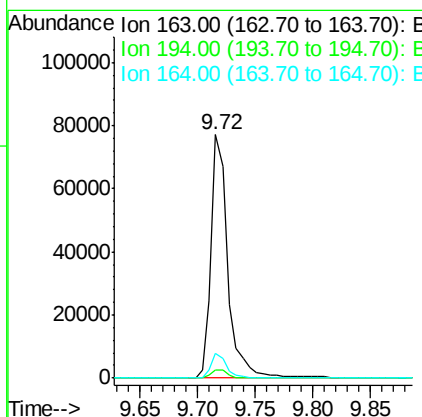
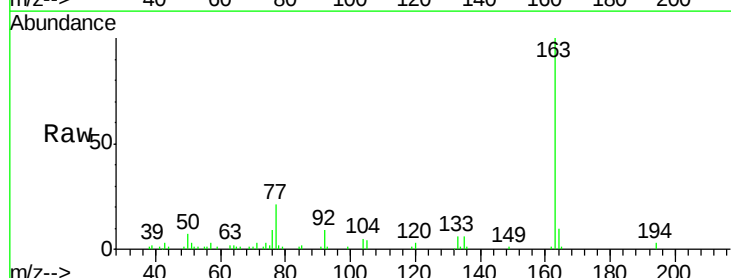
Manual Integrations
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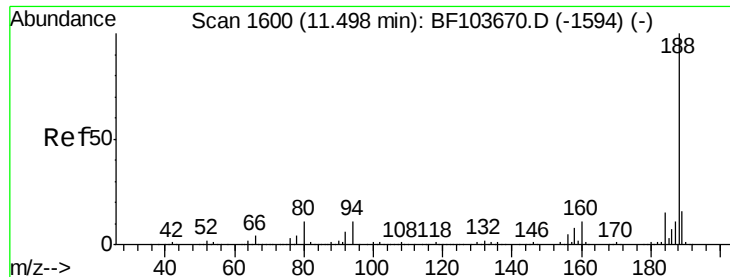
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#49
Dimethylphthalate
Concen: 3.969 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2





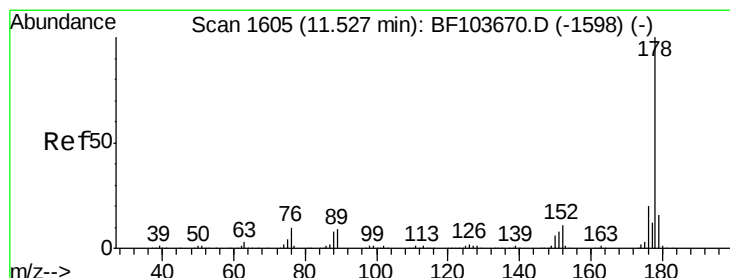
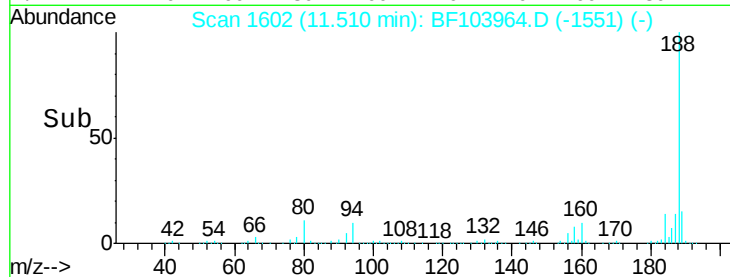
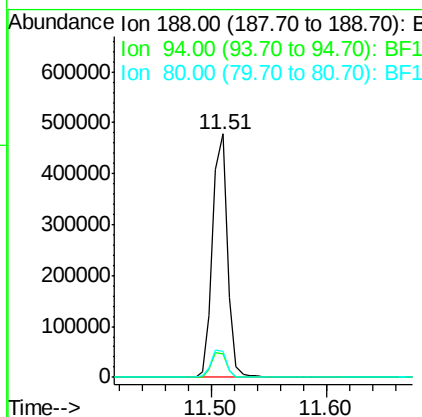
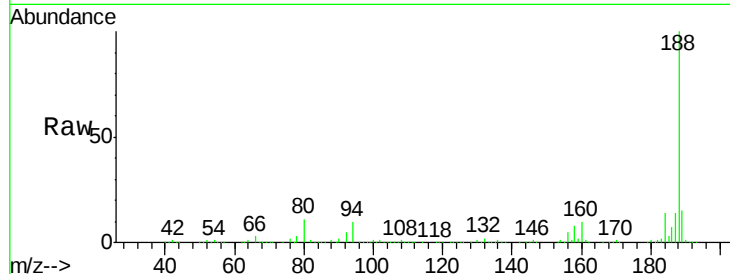
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103964.D
 Acq: 27 Mar 2018 9:26

Instrument :
 BNA_F
 ClientSampleId :
 MS-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	429868		
94	9.7		8.5	12.7
80	10.6		9.2	13.8

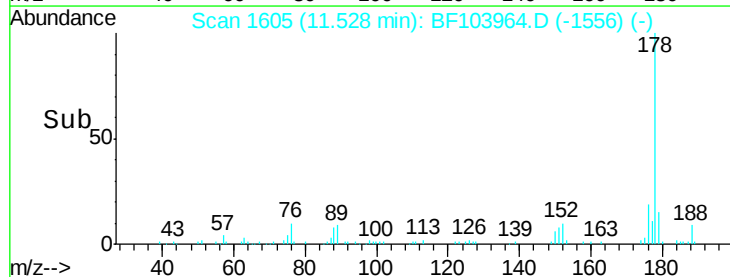
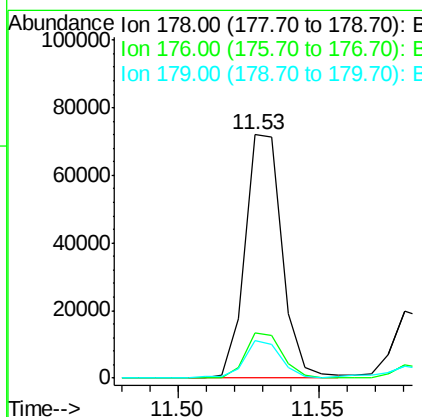
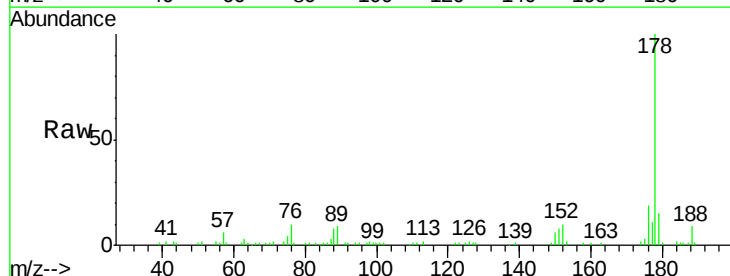
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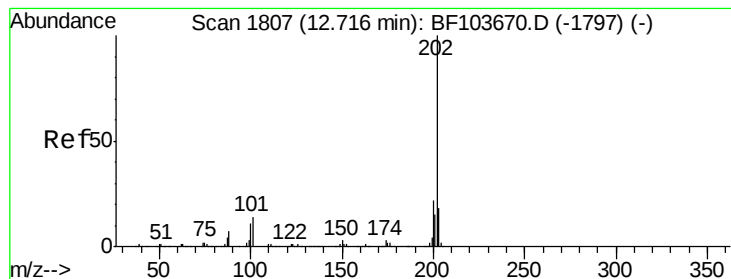
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#70
 Phenanthrene
 Concen: 2.790 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF103964.D
 Acq: 27 Mar 2018 9:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	65605		
176	18.8		15.8	23.8
179	15.4		13.0	19.6





#74

Fluoranthene

Concen: 3.376 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103964.D

Acq: 27 Mar 2018 9:26

Instrument :

BNA_F

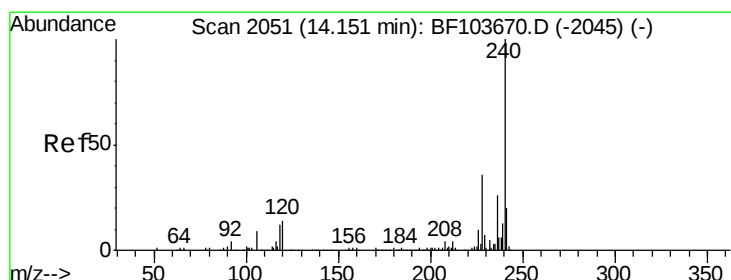
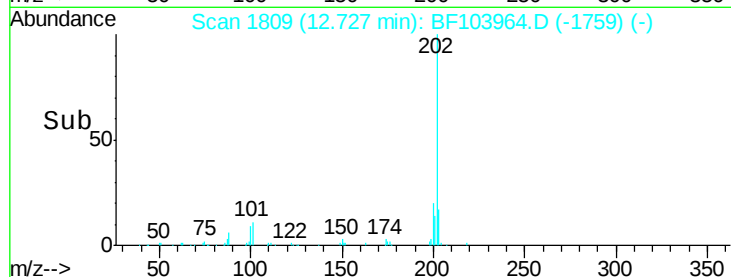
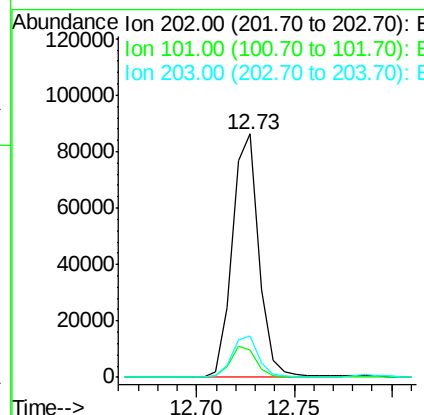
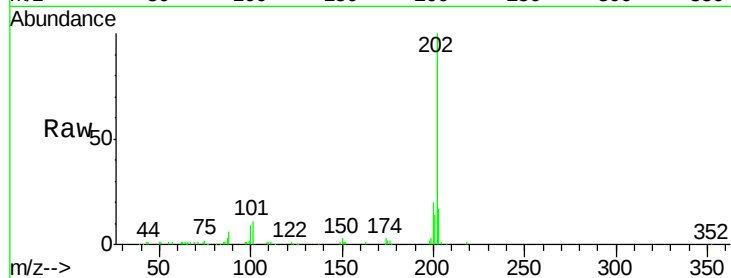
ClientSampled :

MS-1

Tot Ion:	202	Resp:	81787
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	17.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

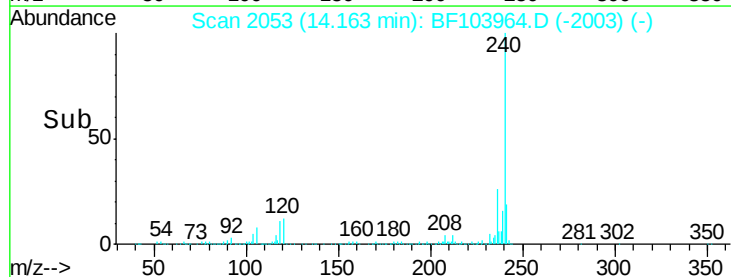
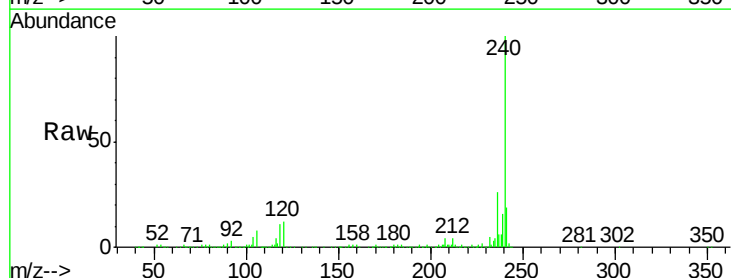
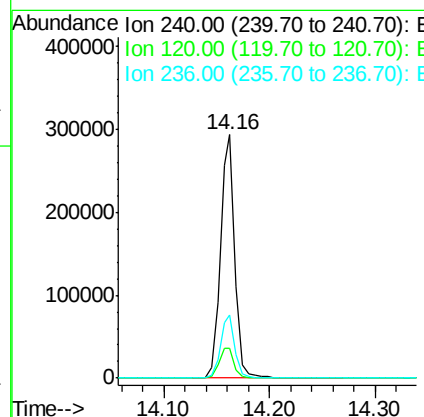
RT: 14.16 min Scan# 2053

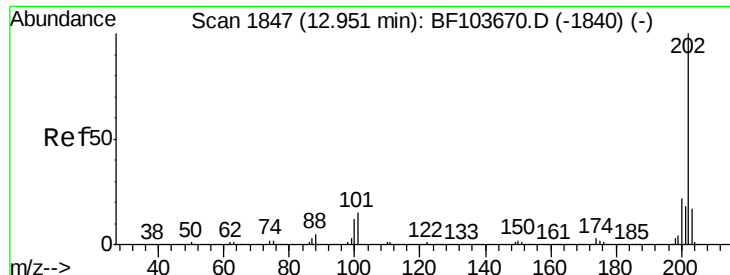
Delta R.T. -0.01 min

Lab File: BF103964.D

Acq: 27 Mar 2018 9:26

Tgt Ion:	240	Resp:	282301
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	25.8	20.7	31.1





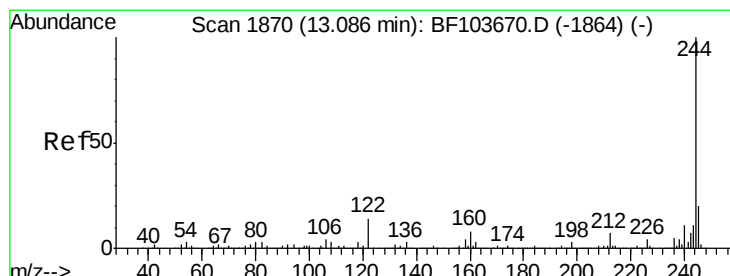
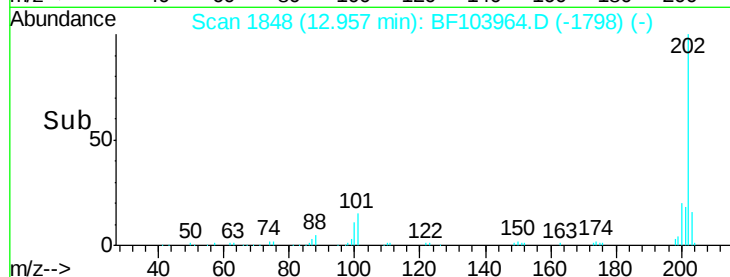
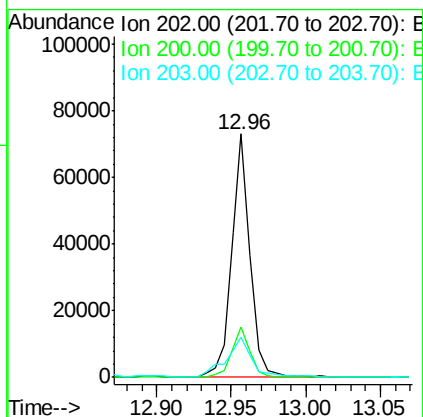
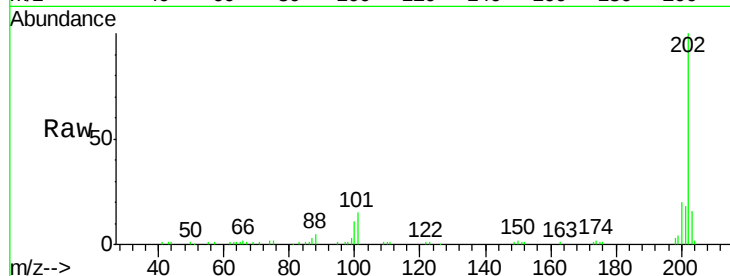
#77
Pvrene
Concen: 3.075 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Instrument :
BNA_F
ClientSampled :
MS-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.4	14.3	21.5

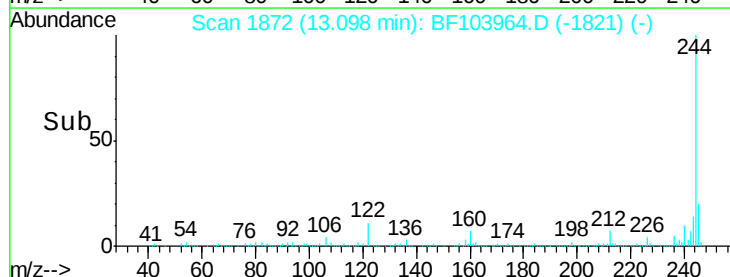
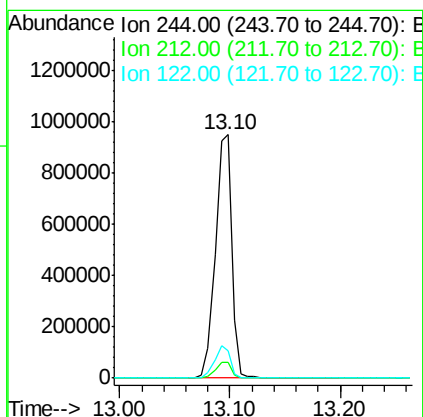
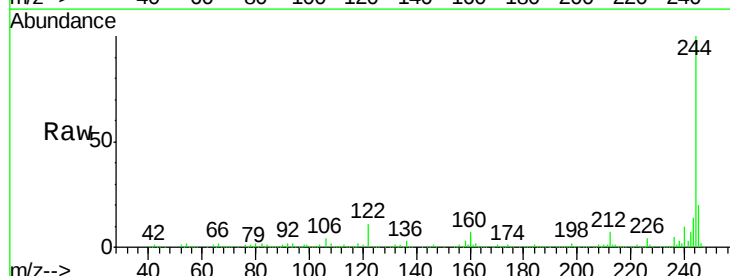
Manual Integrations
APPROVED

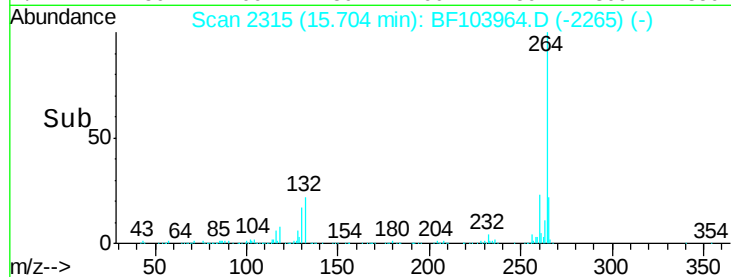
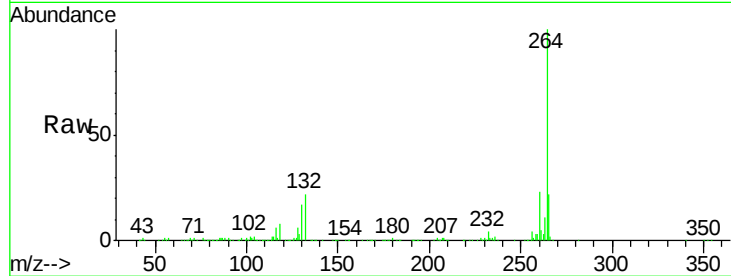
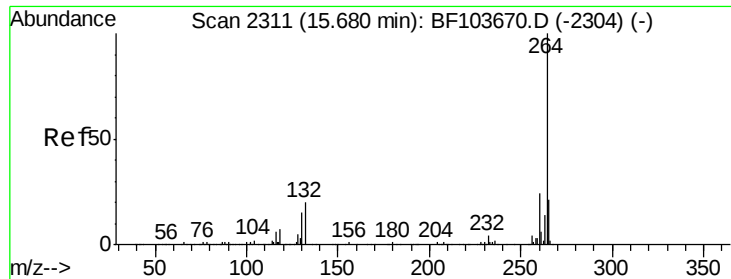
Sohil
3/27/2018 2:16:27 PM



#78
Terphenyl-d14
Concen: 79.810 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103964.D
Acq: 27 Mar 2018 9:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.5	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103964.D
 Acq: 27 Mar 2018 9:26

Instrument :
 BNA_F
 ClientSampleId :
 MS-1

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
264	100			
260	23.1	19.2	28.8	
265	21.7	17.5	26.3	

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:27 PM

