

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110276.D
 Acq On : 29 Oct 2018 21:45
 Operator : JU/SJ
 Sample : J5665-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-07A

Manual Integrations
 APPROVED

Sohil
 10/30/2018 4:42:45 PM

Quant Time: Oct 30 12:28:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117870	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	485420	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	221581	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	360774	20.00	ng	0.00
76) Chrysene-d12	14.15	240	235774	20.00	ng	0.00
87) Perylene-d12	15.69	264	200369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	693831	95.86	ng	0.01
7) Phenol-d6	6.59	99	916707	99.02	ng	0.00
23) Nitrobenzene-d5	7.53	82	576347	70.42	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	161812	73.72	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	965320	68.41	ng	0.00
79) Terphenyl-d14	13.09	244	640111	56.46	ng	0.00
Target Compounds						
10) Phenol	6.60	94	74341	7.512	ng	# 64
22) Acetophenone	7.35	105	25175	2.251	ng	# 61
31) Naphthalene	8.27	128	247741	11.073	ng	99
37) 2-Methylnaphthalene	8.96	142	248957	16.819	ng	98
38) 1-Methylnaphthalene	9.06	142	199149m	13.922	ng	
46) 1,1'-Biphenyl	9.43	154	41009	2.047	ng	98
50) Dimethylphthalate	9.72	163	202517	12.381	ng	99
55) Dibenzofuran	10.22	168	65040	3.308	ng	# 96
71) Phenanthrene	11.53	178	168553	8.929	ng	100
78) Pyrene	12.96	202	35928m	2.126	ng	
83) Chrysene	14.18	228	41909	3.156	ng	# 87
88) Benzo(b)fluoranthene	15.23	252	24346m	2.104	ng	

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

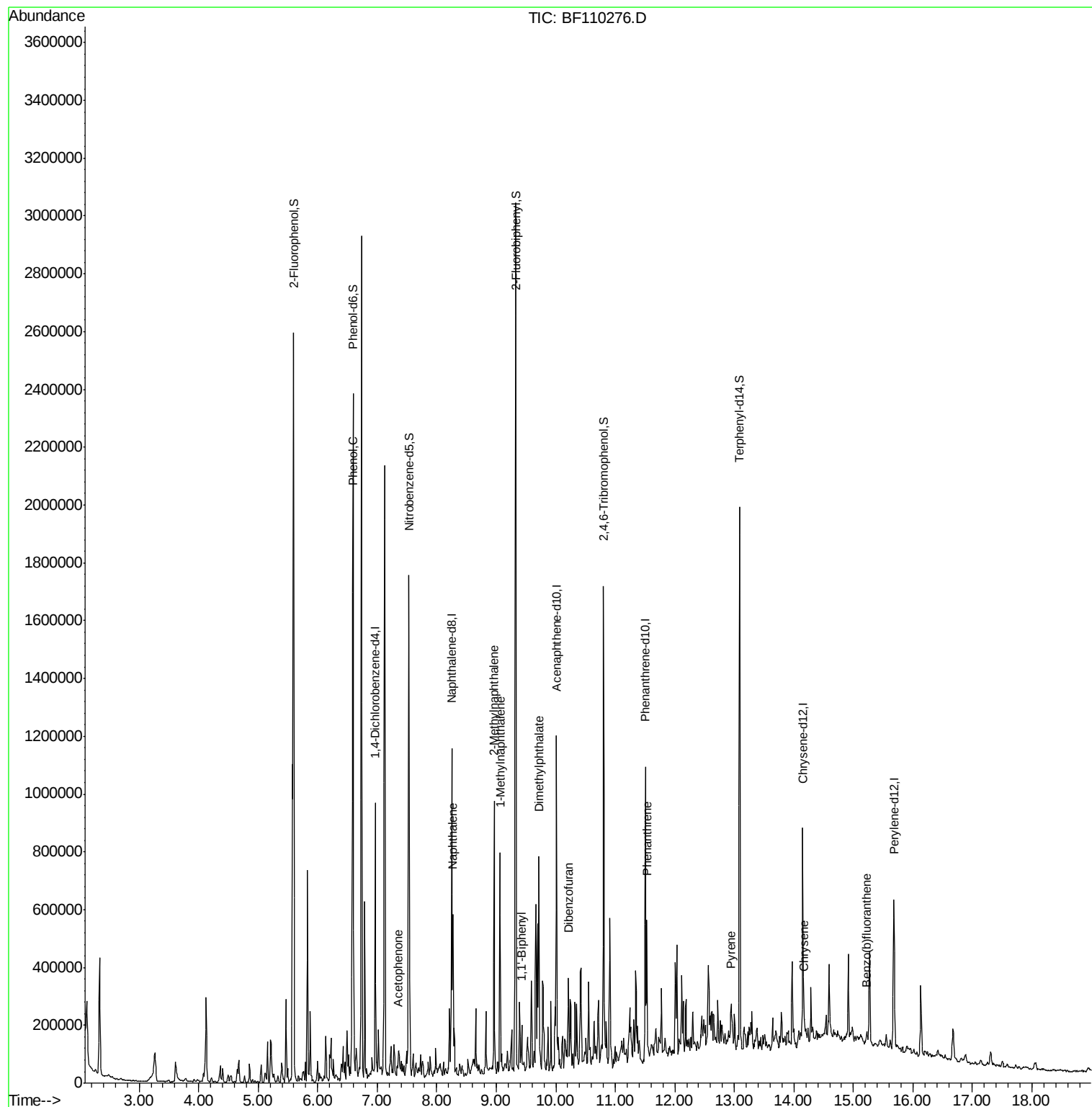
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110276.D
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Sample : J5665-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

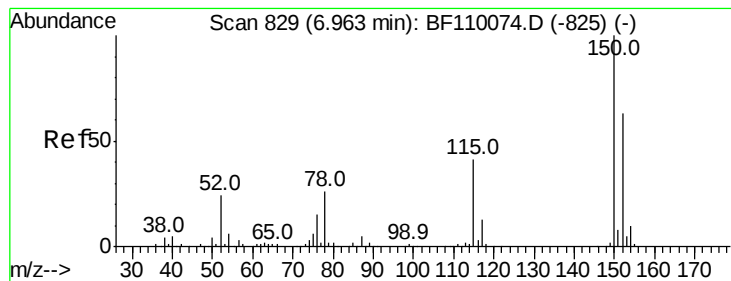
Instrument :
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#1

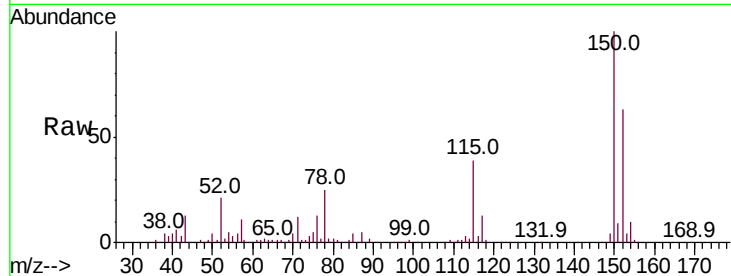
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	62.1	49.1	73.7

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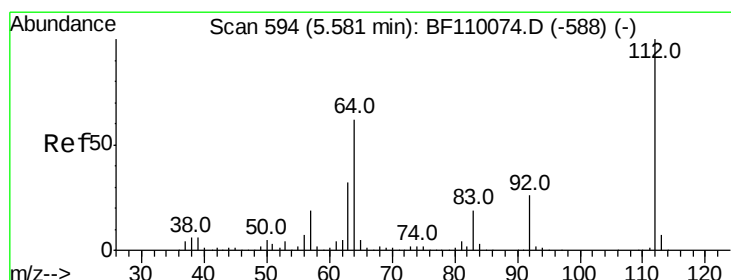
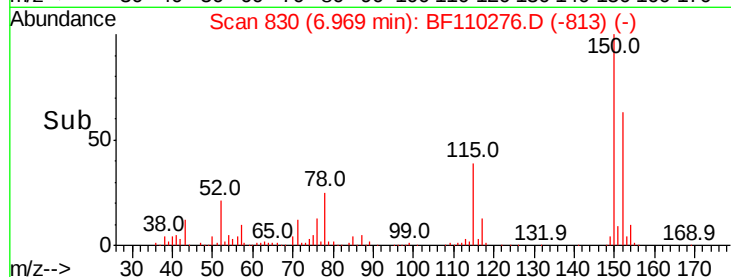
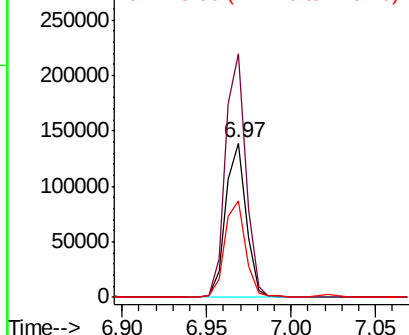


Abundance

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: 95.857 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

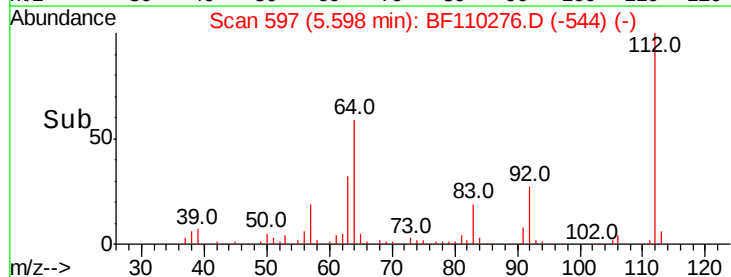
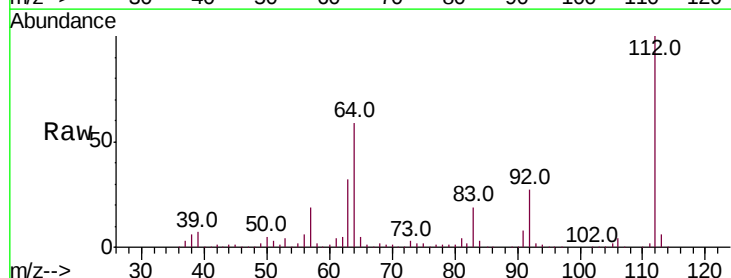
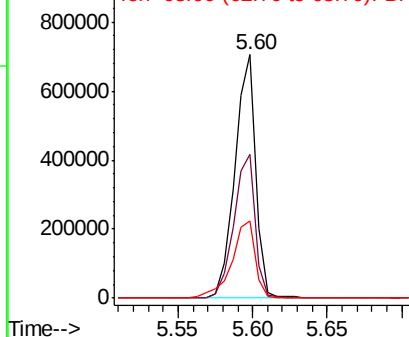
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.5	23.7	35.5

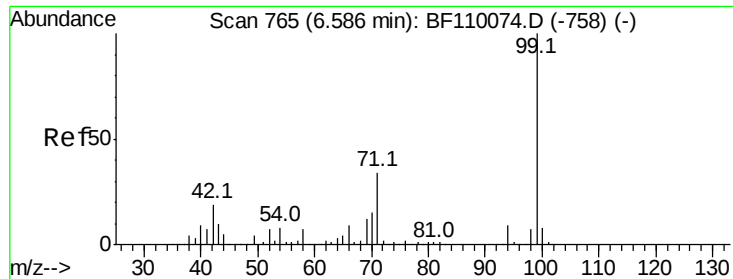
Abundance

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: 99.016 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_F

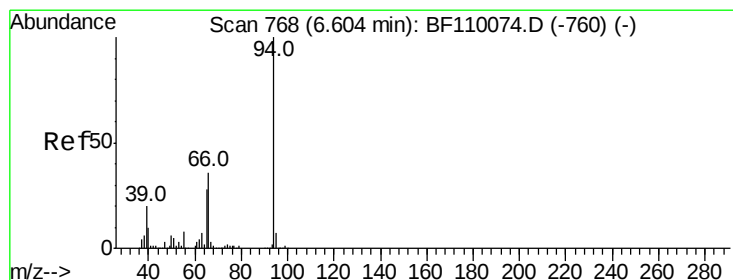
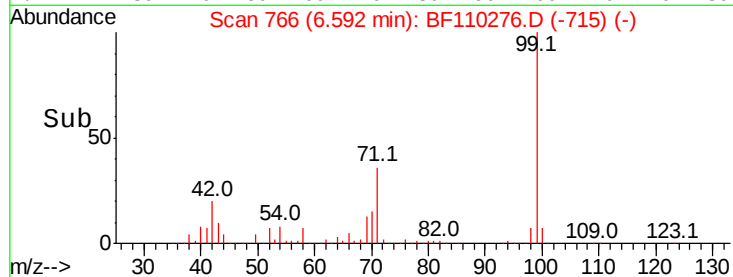
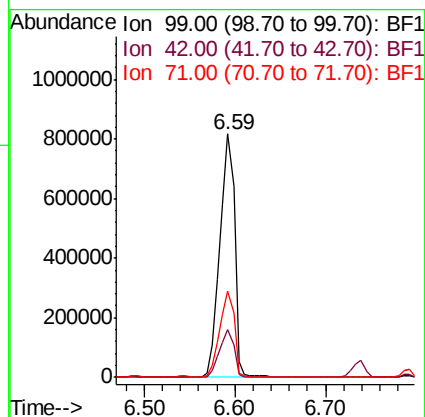
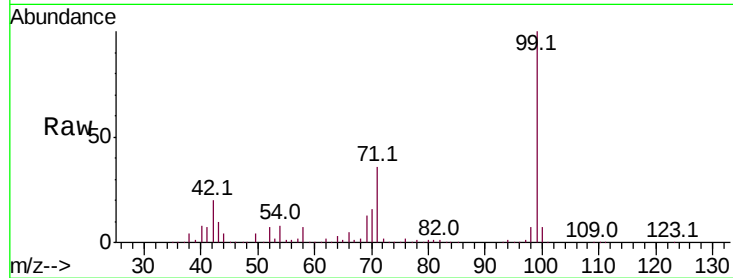
ClientSampleId :

DL-07A

Tot Ion:	99	Resp:	916707
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.7	28.0	42.0

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#10

Phenol

Concen: 7.512 ng

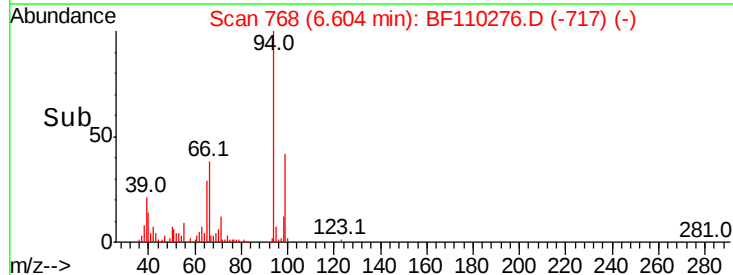
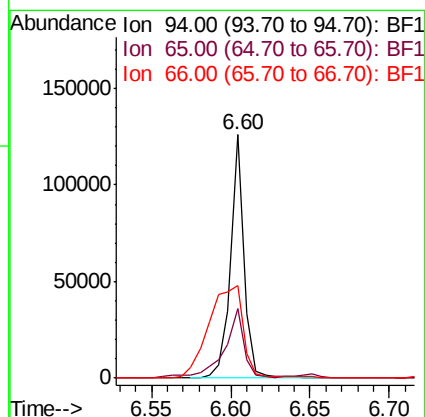
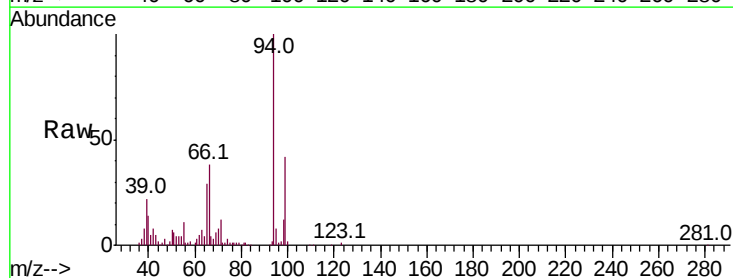
RT: 6.60 min Scan# 768

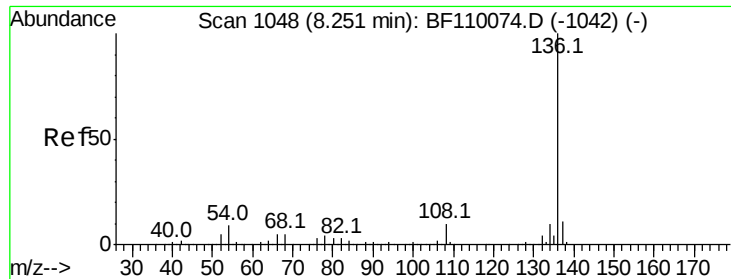
Delta R.T. 0.00 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Tgt Ion:	94	Resp:	74341
Ion Ratio	Lower	Upper	
94	100		
65	28.7	25.3	65.3
66	38.2	54.5	94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_F

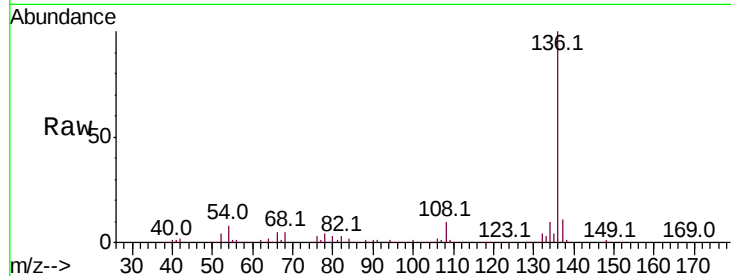
ClientSampleId :

DL-07A

Tot Ion	Ratio	Resp	Lower	Upper
136	100	485420		
137	10.6		8.8	13.2
54	7.9		5.4	8.2
68	5.2		4.2	6.2

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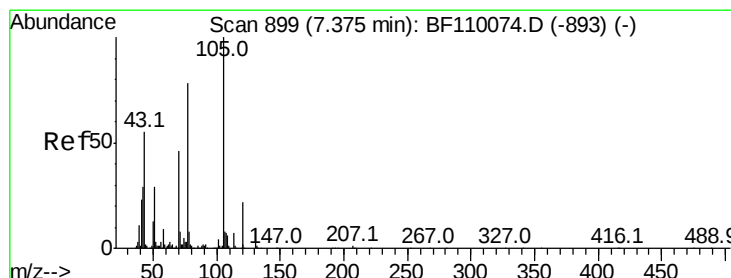
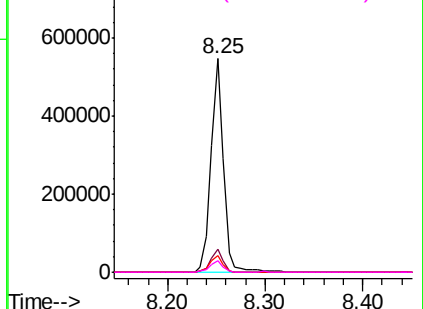
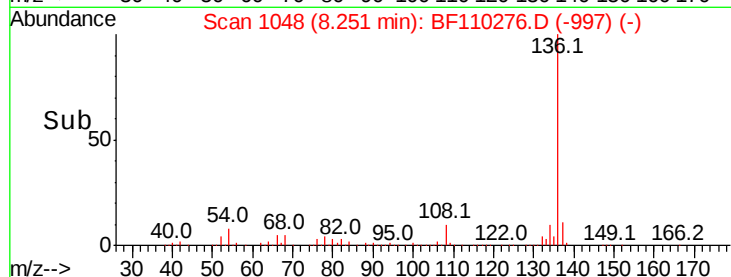
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 2.251 ng

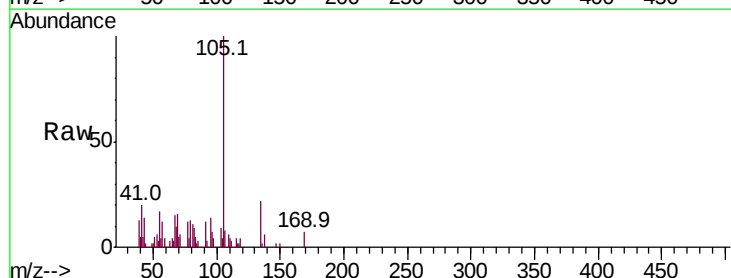
RT: 7.35 min Scan# 895

Delta R.T. -0.03 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	25175		
71	5.6		5.2	7.8
51	5.5		21.8	32.8#
120	0.0		17.0	25.4#



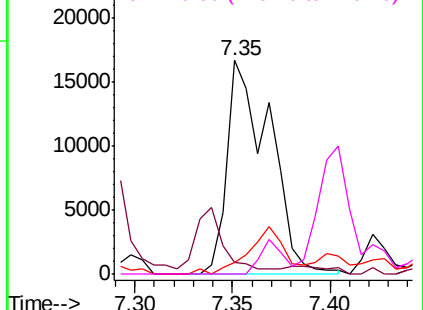
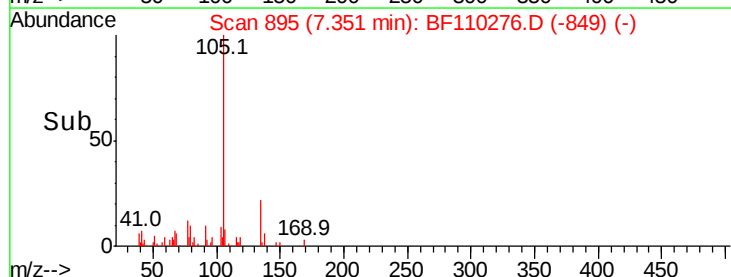
Abundance

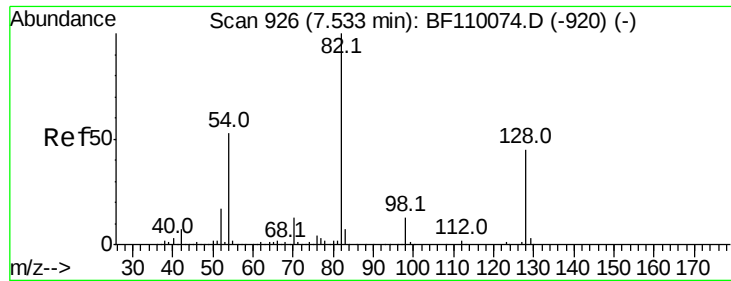
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





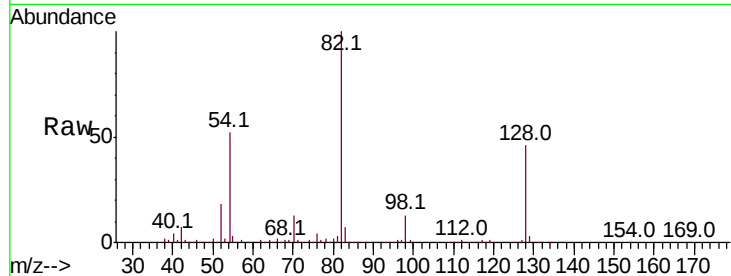
#23
Nitrobenzene-d5
Concen: 70.424 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampleID :
DL-07A

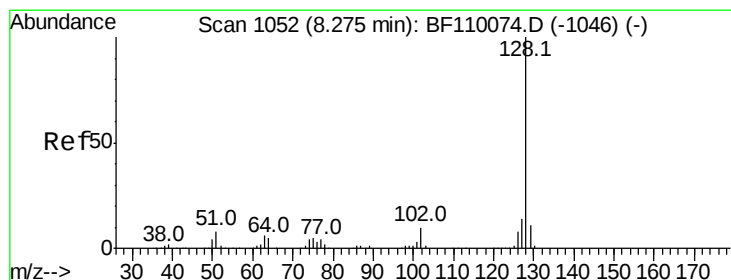
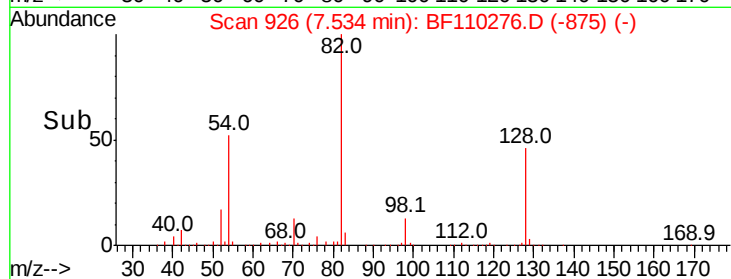
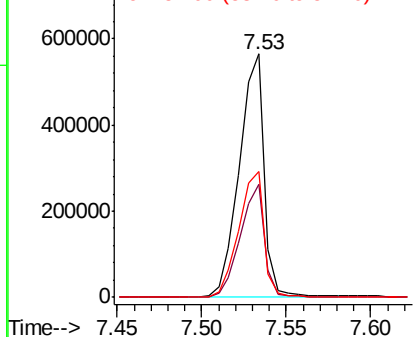
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	51.6	38.6	58.0

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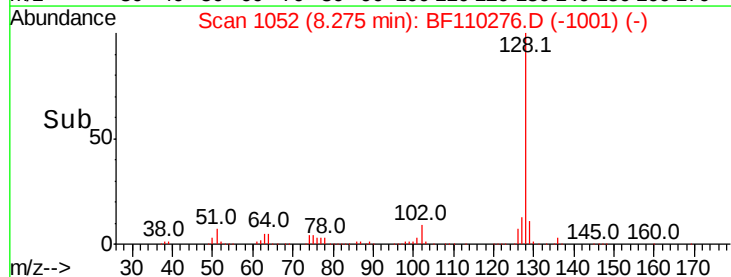
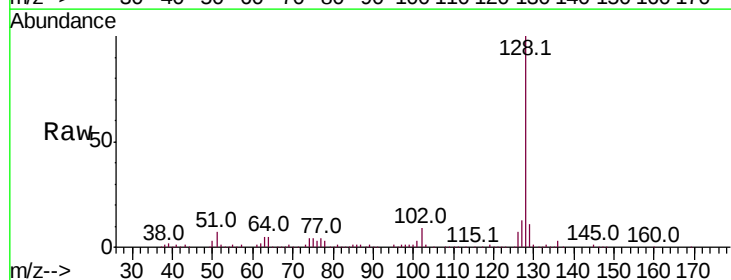
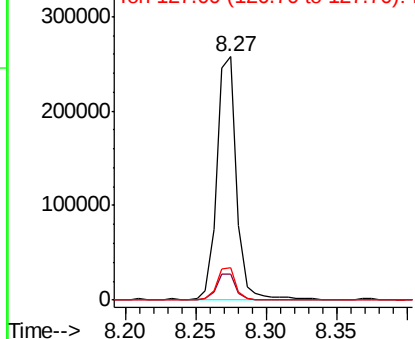
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

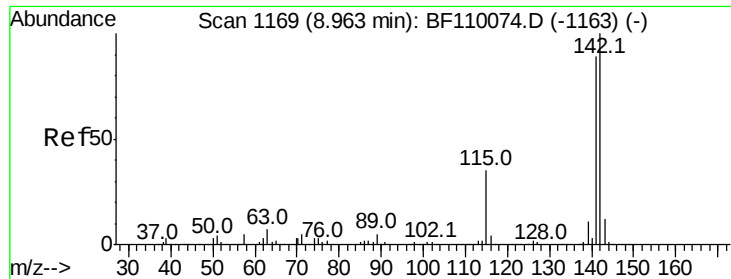


#31
Naphthalene
Concen: 11.073 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.8	16.2

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





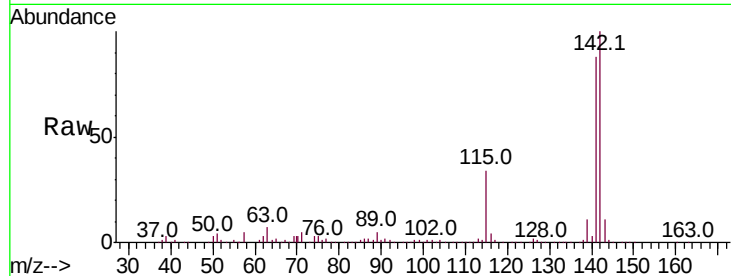
#37
2-Methylnaphthalene
Concen: 16.819 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
142	100	248957		
141	87.7		71.4	107.2
115	34.0		28.7	43.1

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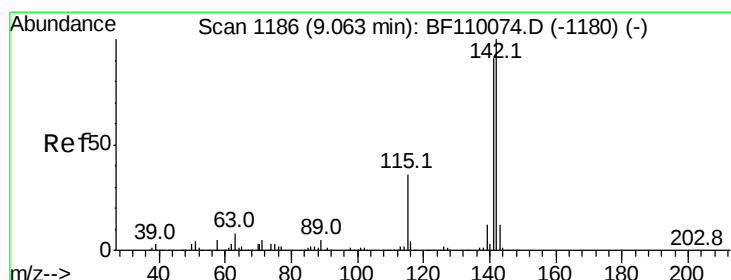
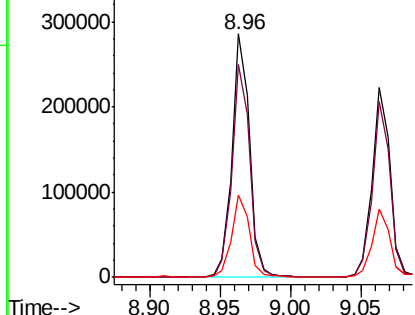
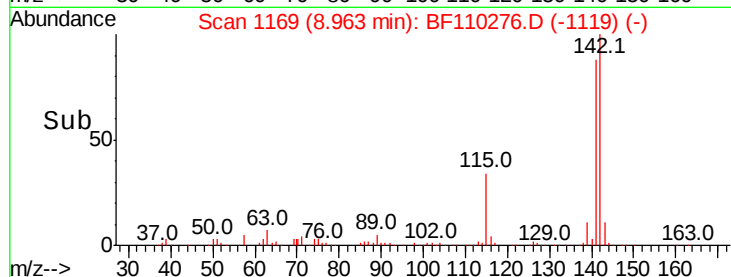


Abundance

Ion 142.00 (141.70 to 142.70): E

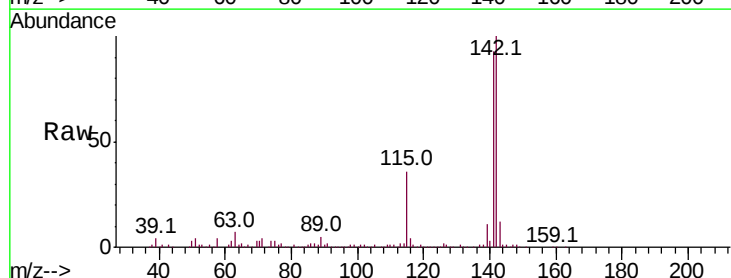
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 13.922 ng m
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	199149		
141	92.5		74.2	111.4
116	4.3		2.6	4.0#

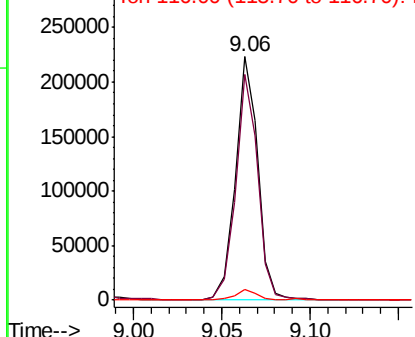
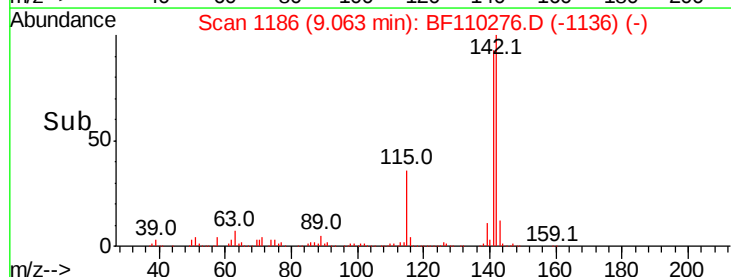


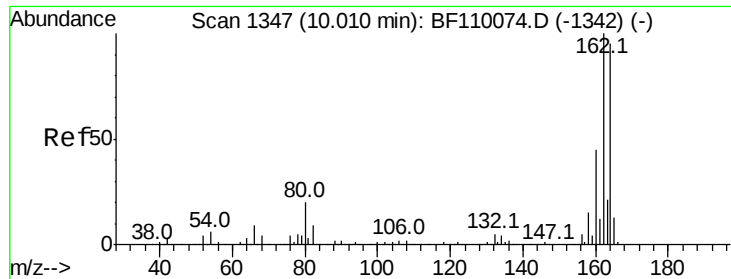
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





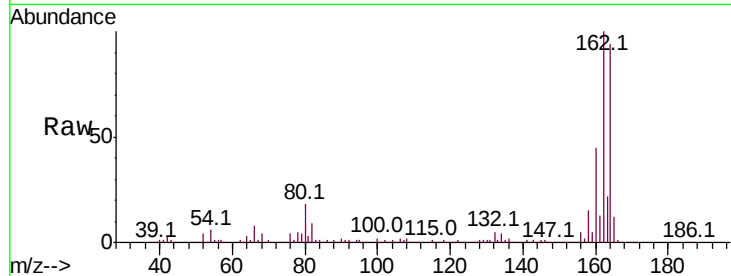
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampleId :
DL-07A

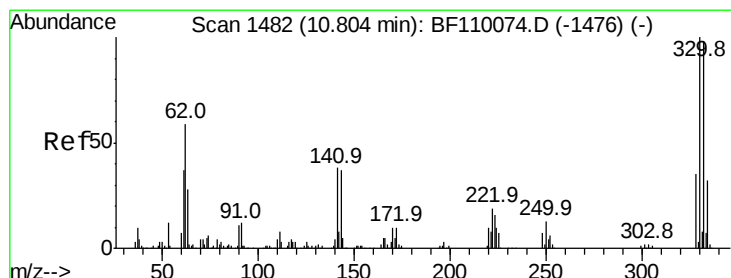
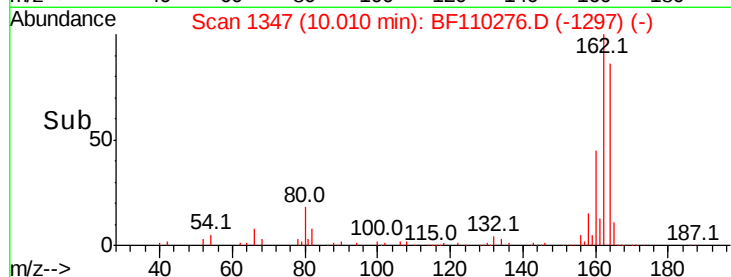
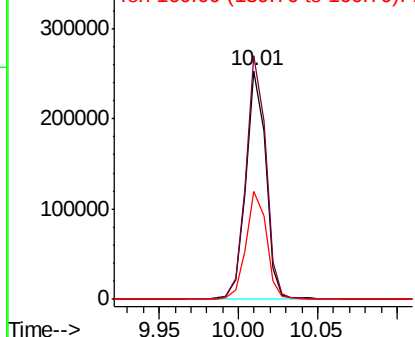
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.5	83.0	124.6	
160	47.4	37.0	55.6	

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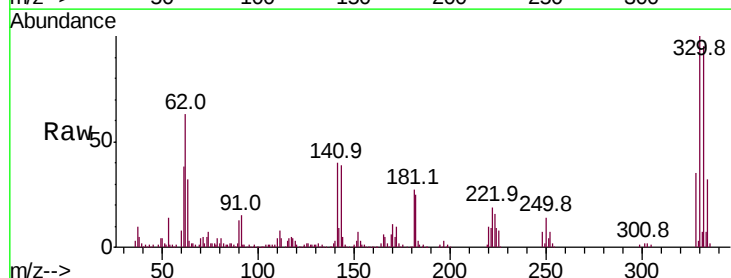


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

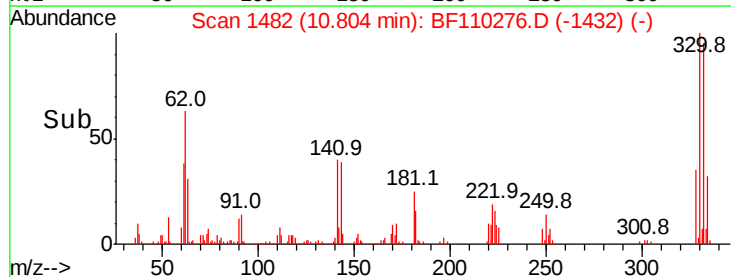
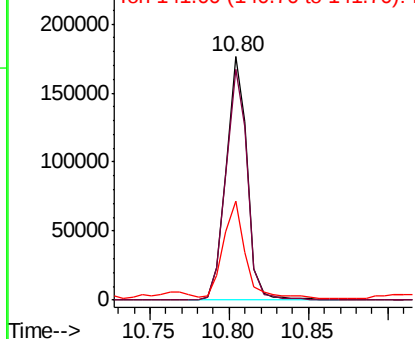


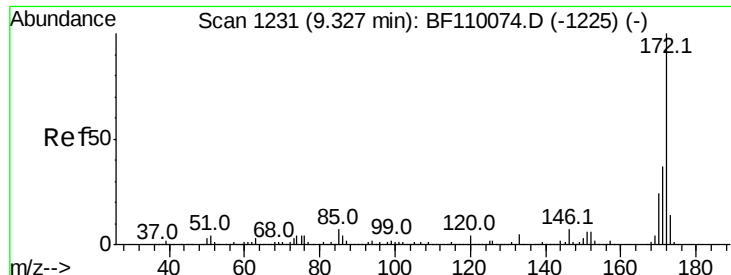
#42
2,4,6-Tribromophenol
Concen: 73.722 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.1	115.7	
141	43.1	27.0	40.4	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





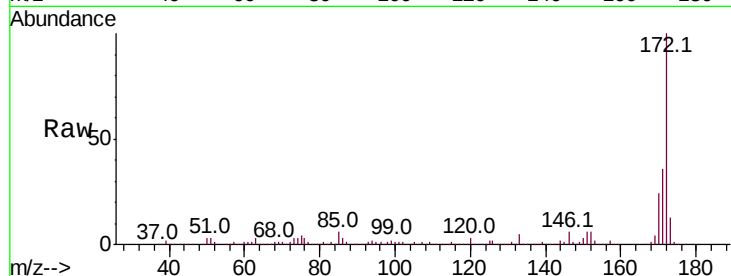
#45
2-Fluorobiphenyl
Concen: 68.408 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampled :
DL-07A

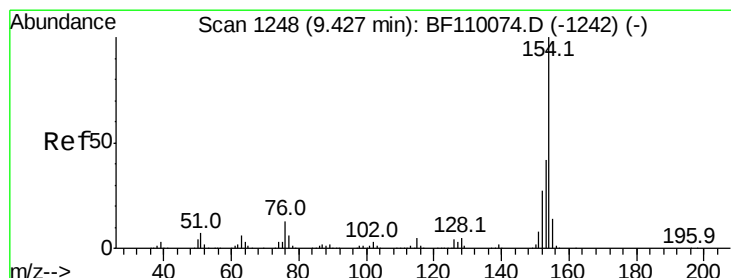
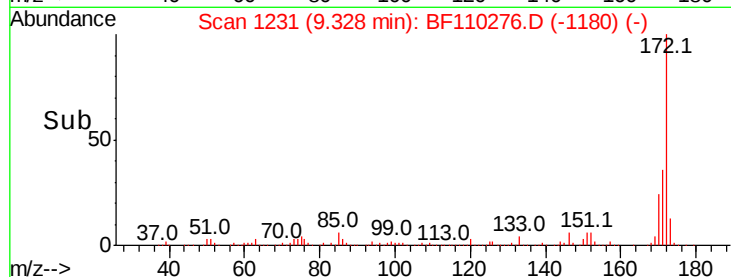
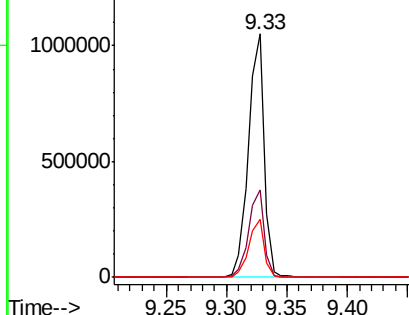
Tot Ion	Ratio	Resp	Lower	Upper
172	100	965320		
171	35.8		28.6	43.0
170	23.7		19.7	29.5

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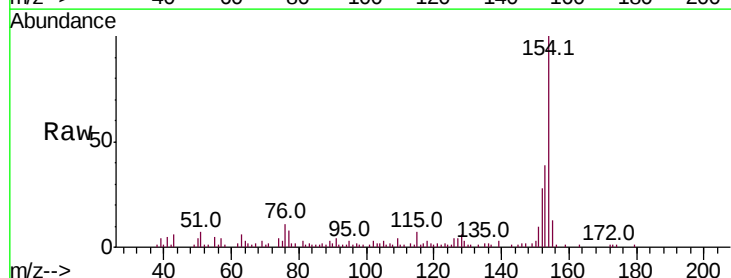


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

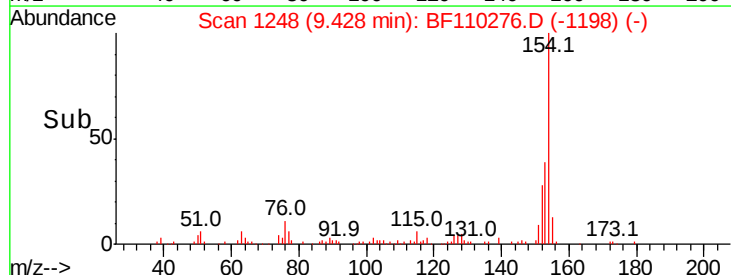
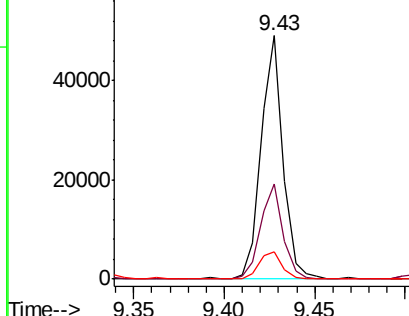


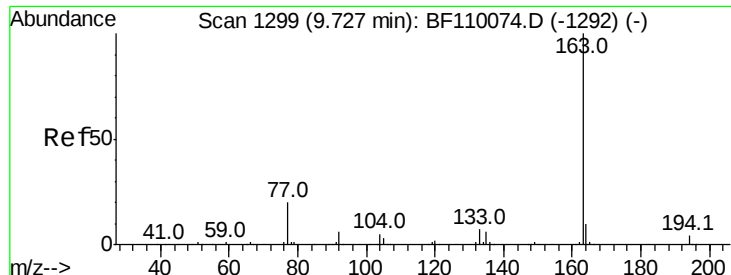
#46
1,1'-Biphenyl
Concen: 2.047 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	41009		
153	39.3		20.4	60.4
76	11.4		0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





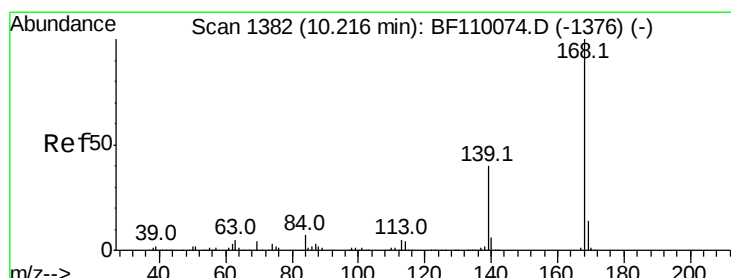
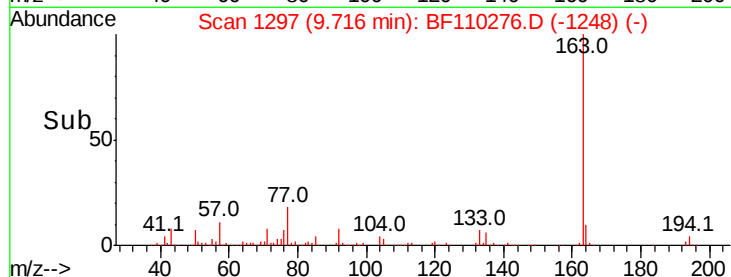
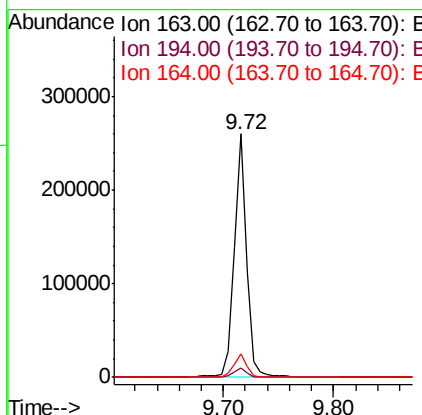
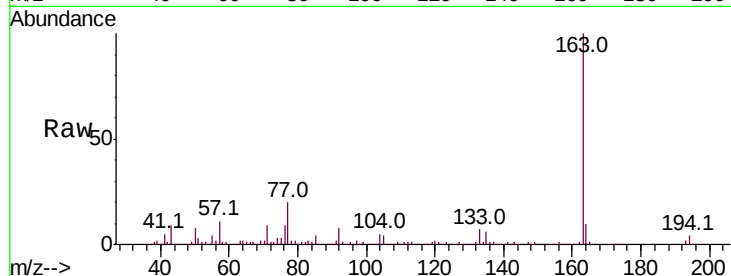
#50
Dimethylphthalate
Concen: 12.381 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampleId :
DL-07A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	202517		
194	3.7	3.2	4.8	
164	9.6	8.1	12.1	

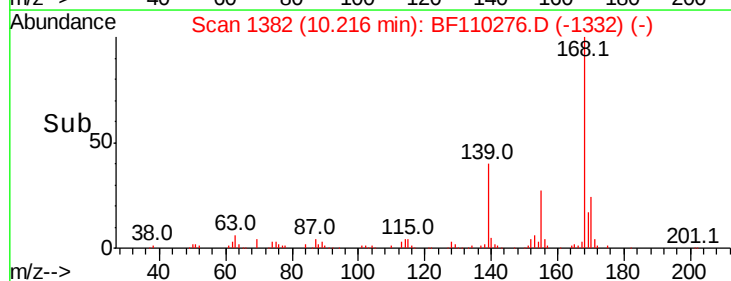
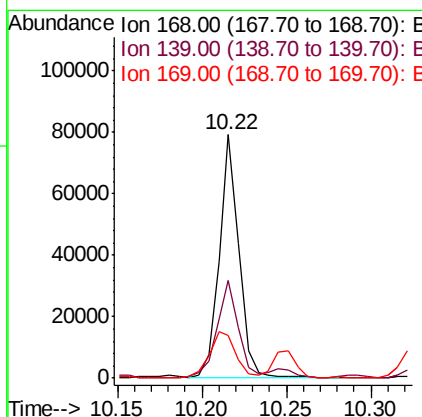
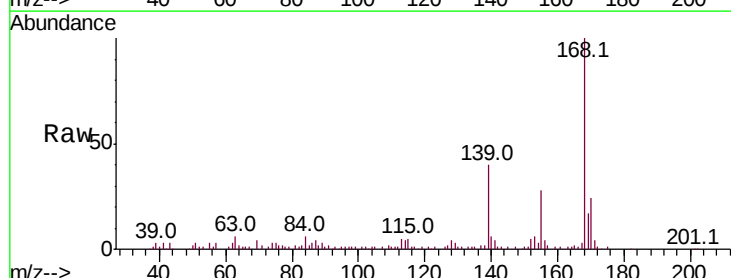
Manual Integrations
APPROVED

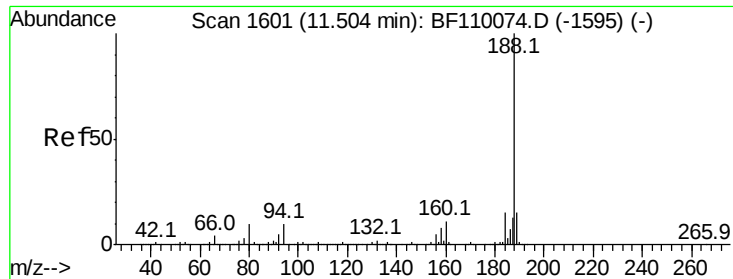
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#55
Dibenzofuran
Concen: 3.308 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	65040		
139	40.0	33.0	49.6	
169	17.4	11.3	16.9#	





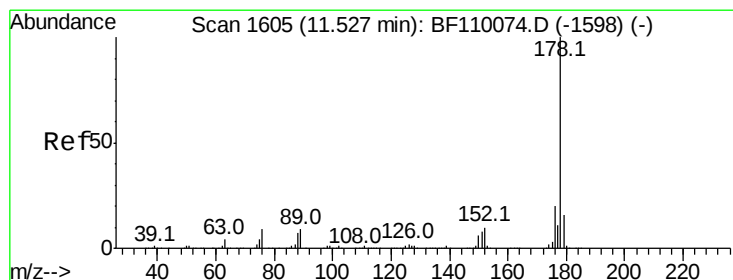
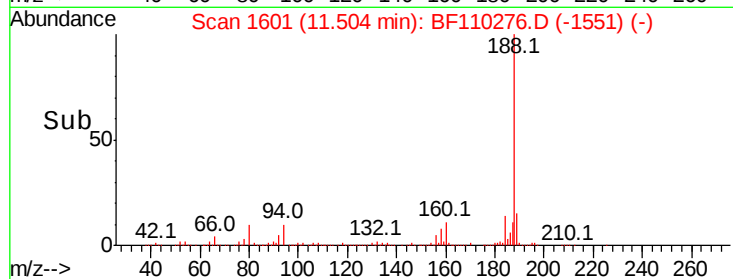
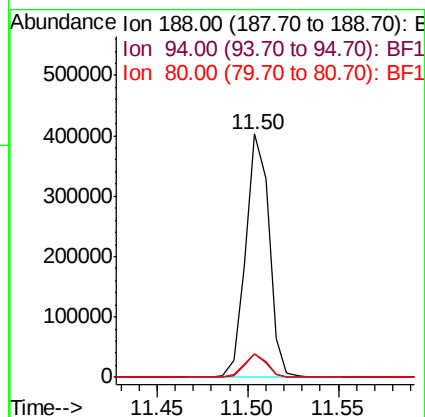
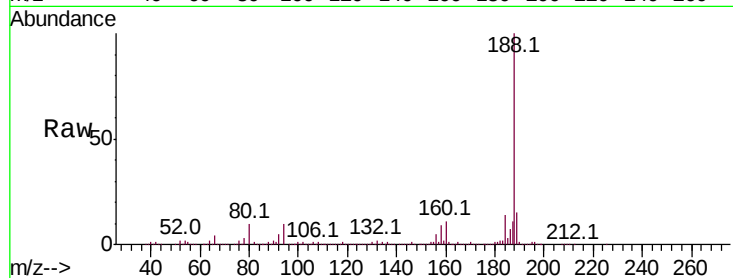
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Instrument :
BNA_F
ClientSampleId :
DL-07A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	360774		
94	9.8		7.2	10.8
80	9.8		7.9	11.9

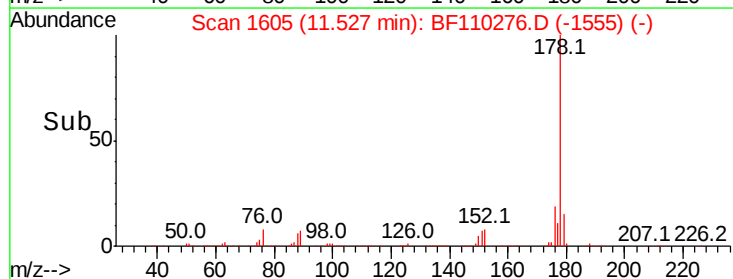
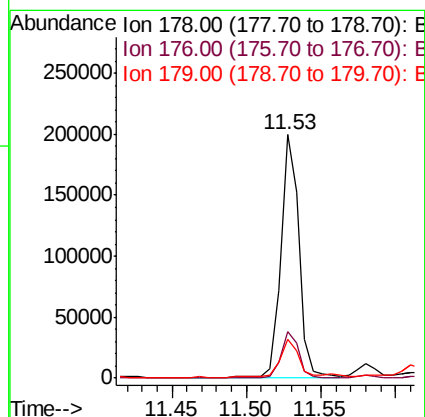
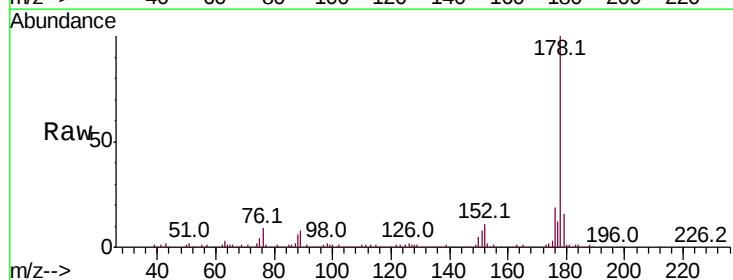
Manual Integrations
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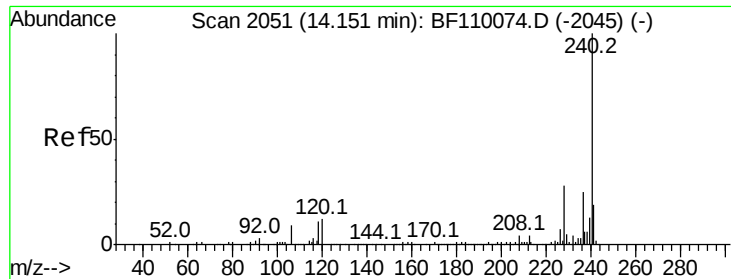
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#71
Phenanthrene
Concen: 8.929 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110276.D
Acq: 29 Oct 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	168553		
176	19.1		15.5	23.3
179	15.8		12.5	18.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_F

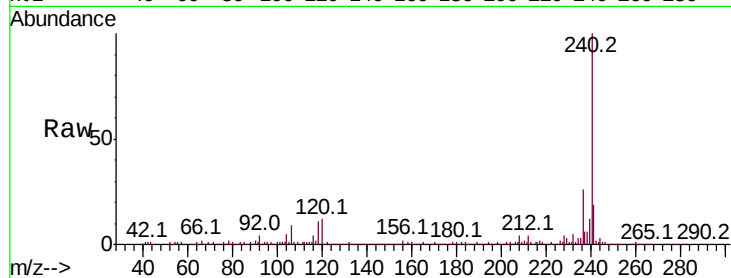
ClientSampleId :

DL-07A

Tot Ion:	240	Resp:	235774
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	25.9	21.2	31.8

Manual Integrations
APPROVED

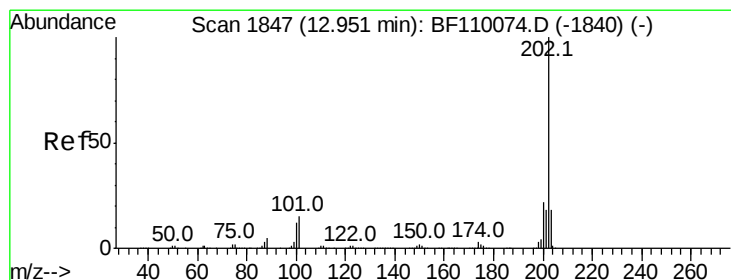
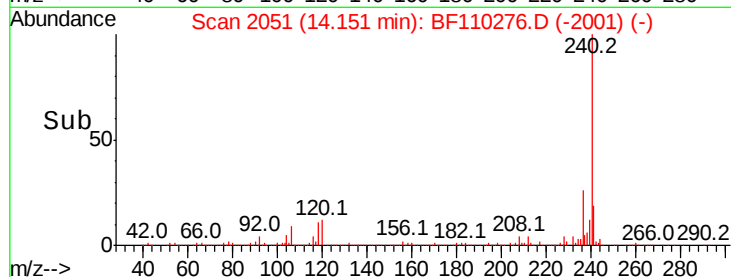
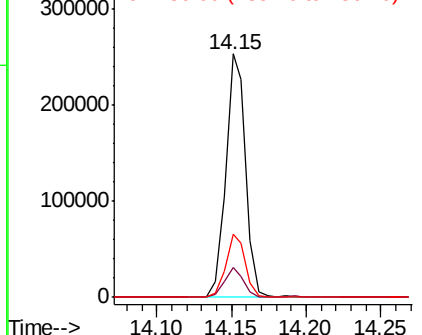
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 2.126 ng m

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF110276.D

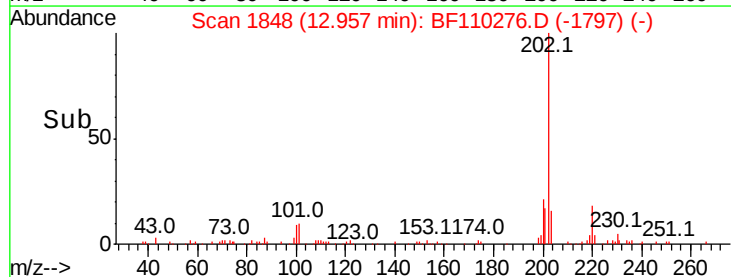
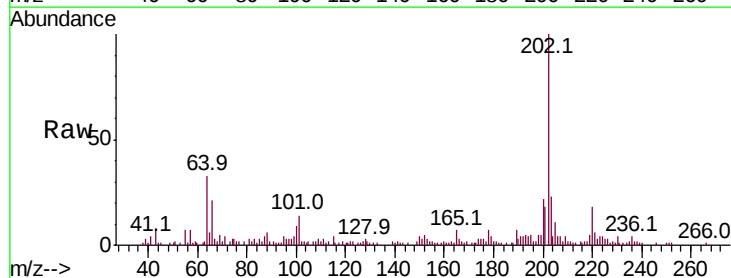
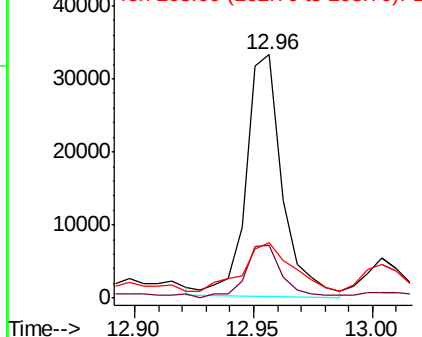
Acq: 29 Oct 2018 21:45

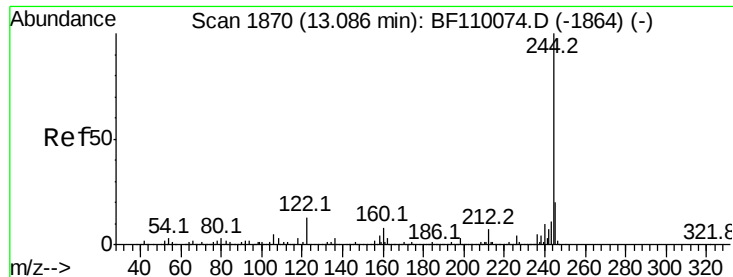
Tgt Ion:	202	Resp:	35928
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	22.6	14.2	21.4#

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.463 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_F

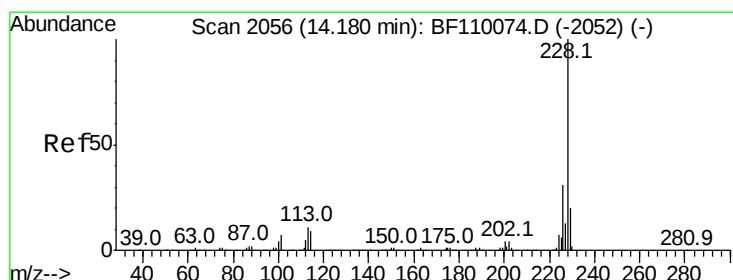
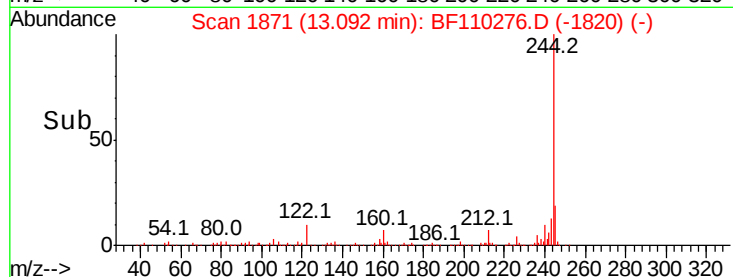
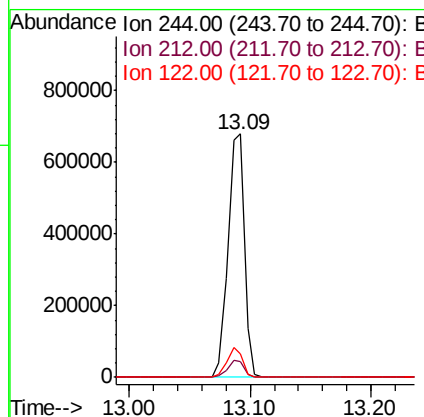
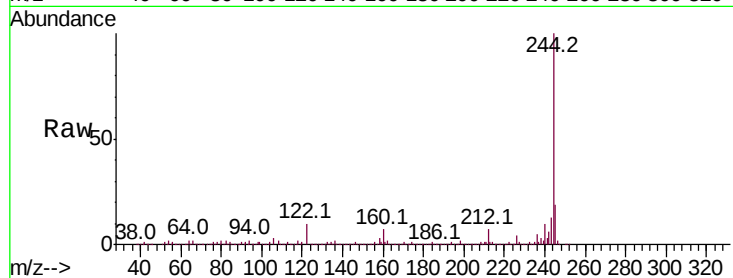
ClientSampleId :

DL-07A

Tot Ion:	244	Resp:	640111
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.6	8.7	13.1

Manual Integrations
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#83

Chrysene

Concen: 3.156 ng

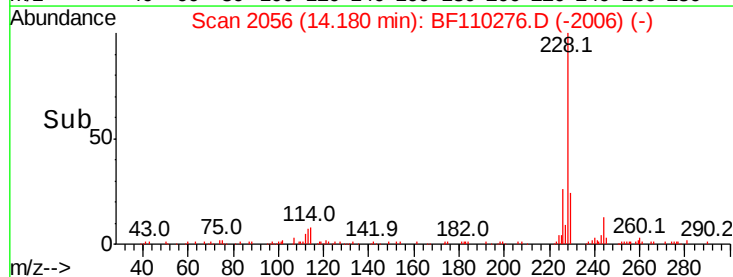
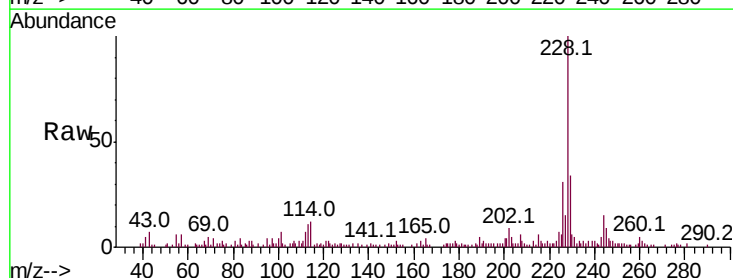
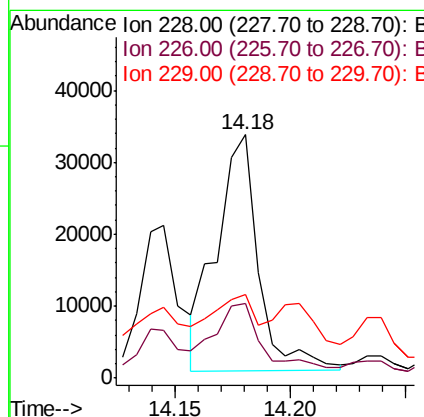
RT: 14.18 min Scan# 2056

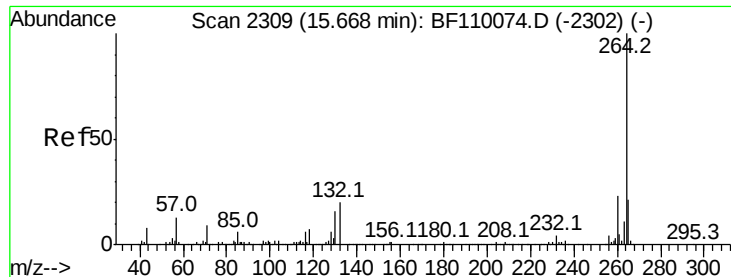
Delta R.T. -0.01 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Tgt Ion:	228	Resp:	41909
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.7	37.1
229	34.5	15.9	23.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Instrument :

BNA_F

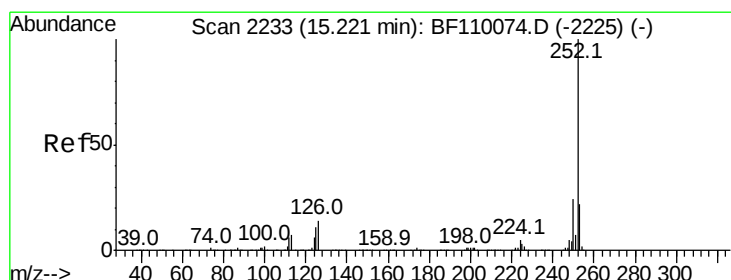
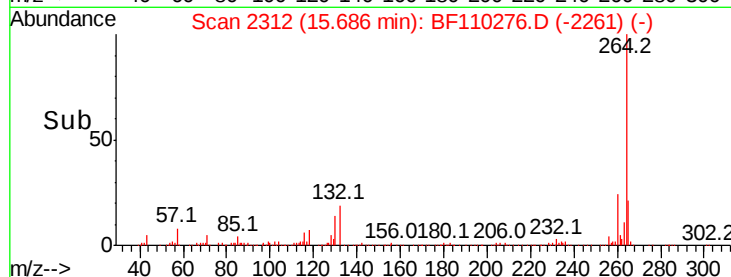
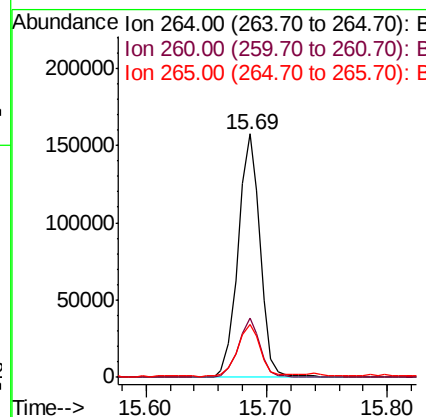
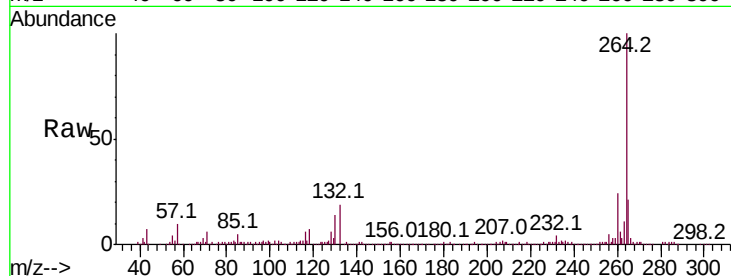
ClientSampled :

DL-07A

Tot Ion:	264	Resp:	200369
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	21.5	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.104 ng m

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF110276.D

Acq: 29 Oct 2018 21:45

Tgt Ion:	252	Resp:	24346
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.2	25.8#
125	17.3	8.2	12.4#

