

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000203.D
 Acq On : 28 Feb 2018 13:00
 Operator : JU/SJ
 Sample : MDL-S-05
 Misc : 0.07PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Manual Integrations
 APPROVED

Sohil
 2/28/2018 5:42:19 PM

Quant Time: Feb 28 17:21:09 2018

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 27 15:07:57 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	4822	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	18556	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9386	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	23110	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18071	0.40	ng	0.00
34) Perylene-d12	24.37	264	14692	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.93	112	3494	0.34	ng	0.00
5) Phenol-d6	7.58	99	4299	0.33	ng	0.00
8) Nitrobenzene-d5	9.63	82	3589	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	10365	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	952	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	15917	0.36	ng	0.00
25) Fluoranthene-d10	19.77	212	21197	0.34	ng	0.00
29) Terphenyl-d14	20.34	244	12308	0.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	294	0.059	ng	# 80
3) n-Nitrosodimethylamine	4.06	42	105	0.124	ng	# 77
6) bis(2-Chloroethyl)ether	7.85	93	949	0.058	ng	99
9) Naphthalene	11.34	128	3183m	0.059	ng	
10) Hexachlorobutadiene	11.62	225	538	0.058	ng	99
12) 2-Methylnaphthalene	12.92	142	2056	0.058	ng	98
16) Acenaphthylene	14.78	152	2221	0.050	ng	99
17) Acenaphthene	15.13	154	1965	0.056	ng	95
18) Fluorene	16.10	166	2418	0.056	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	672	0.050	ng	# 79
21) Hexachlorobenzene	17.09	284	957	0.054	ng	94
22) Pentachlorophenol	17.43	266	214	0.133	ng	# 83
23) Phenanthrene	17.82	178	4511	0.055	ng	96
24) Anthracene	17.91	178	2963	0.048	ng	96
26) Fluoranthene	19.80	202	4486	0.053	ng	# 96
28) Pyrene	20.15	202	4433	0.062	ng	99
30) Benzo(a)anthracene	21.88	228	3171	0.056	ng	97
31) Chrysene	21.93	228	3939	0.059	ng	97
32) Bis(2-ethylhexyl)phthalate	21.76	149	1534	0.072	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.92	276	3259	0.052	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	3921	0.058	ng	# 82
36) Benzo(k)fluoranthene	23.66	252	3481	0.053	ng	# 58
37) Benzo(a)pyrene	24.26	252	2765	0.051	ng	# 47
38) Dibenzo(a,h)anthracene	26.93	278	2411	0.050	ng	# 69
39) Benzo(g,h,i)perylene	27.70	276	3314	0.058	ng	# 77

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

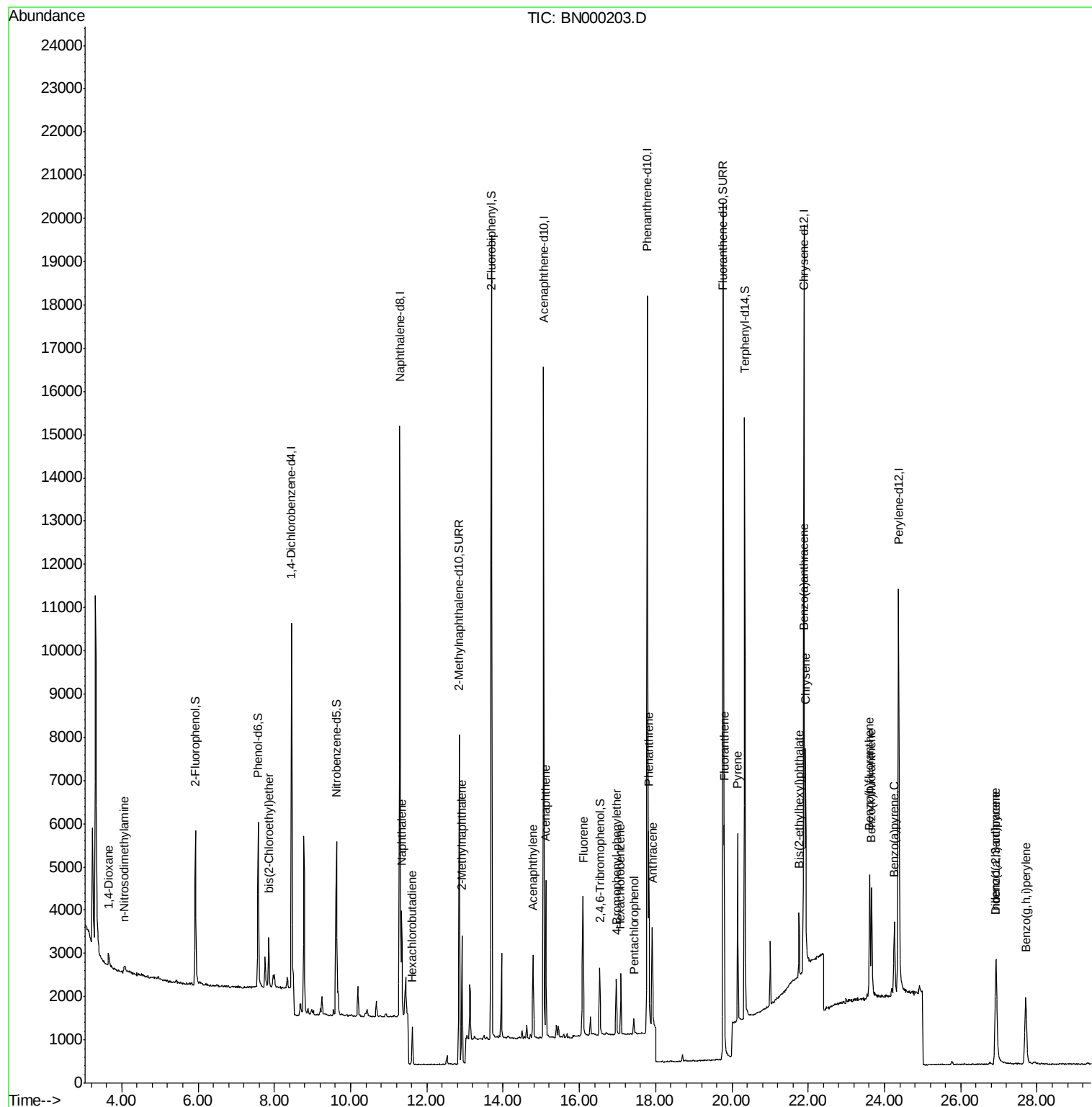
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
Data File : BN000203.D
Acq On : 28 Feb 2018 13:00
Operator : JU/SJ
Sample : MDL-S-05
Misc : 0.07PPM
ALS Vial : 8 Sample Multiplier: 1

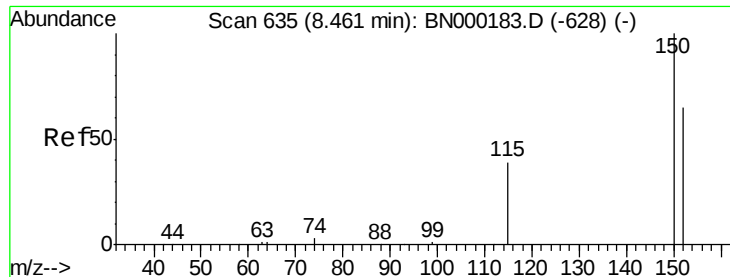
Instrument :
BNA_N
ClientSampleId :
MDL-S-05

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2/28/2018 5:42:19 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

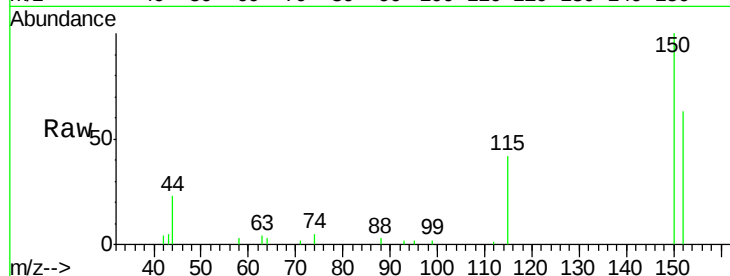
ClientSampled :

MDL-S-05

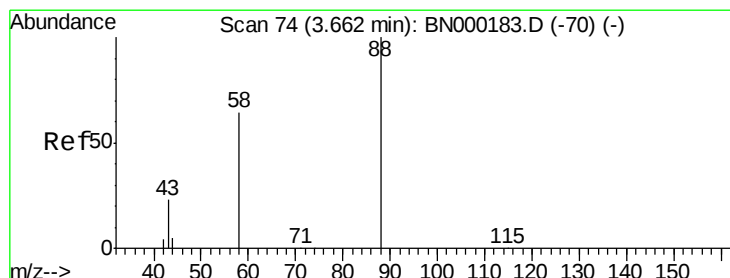
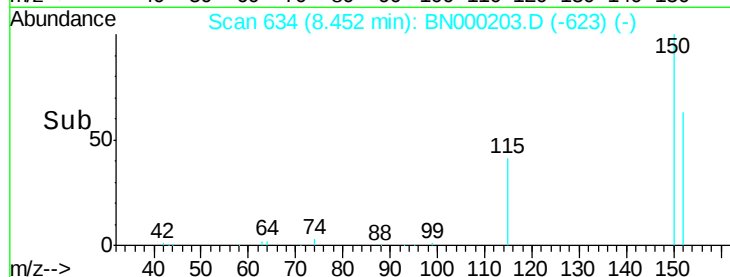
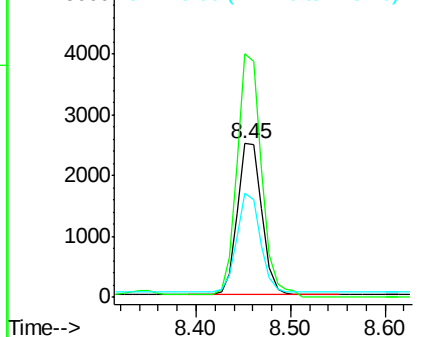
Tgt Ion:	152	Resp:	4822
Ion Ratio	Lower	Upper	
152	100		
150	158.2	117.2	175.8
115	67.2	57.0	85.6

Manual Integrations
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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



#2

1,4-Dioxane

Concen: 0.059 ng

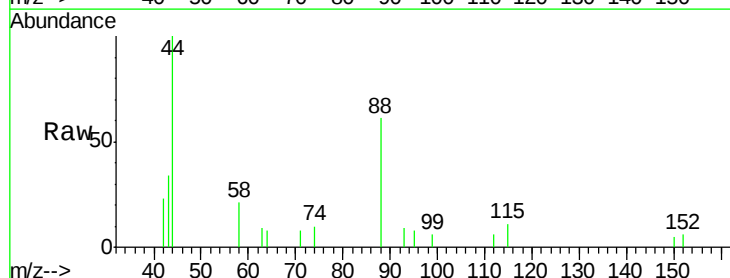
RT: 3.66 min Scan# 74

Delta R.T. 0.00 min

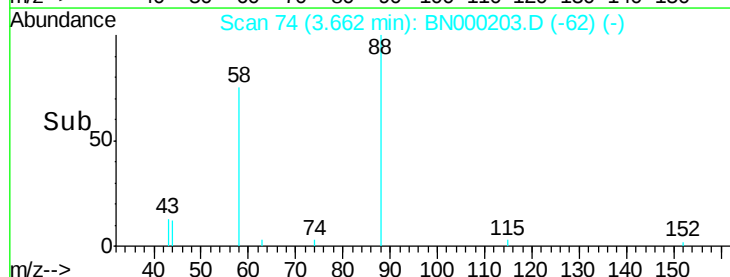
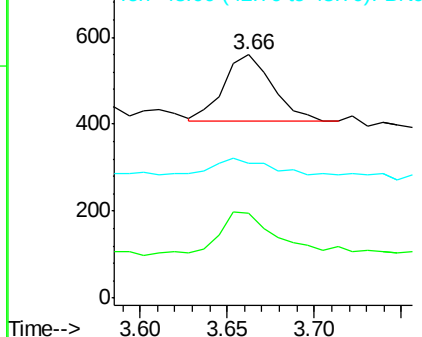
Lab File: BN000203.D

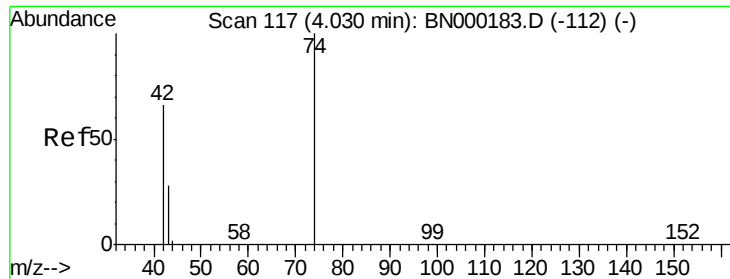
Acq: 28 Feb 2018 13:00

Tgt Ion:	88	Resp:	294
Ion Ratio	Lower	Upper	
88	100		
58	81.3	48.0	72.0#
43	24.8	20.0	30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

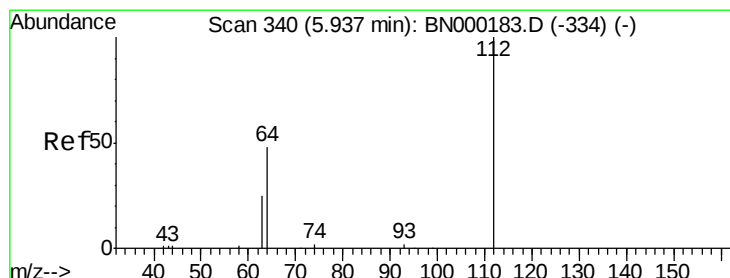
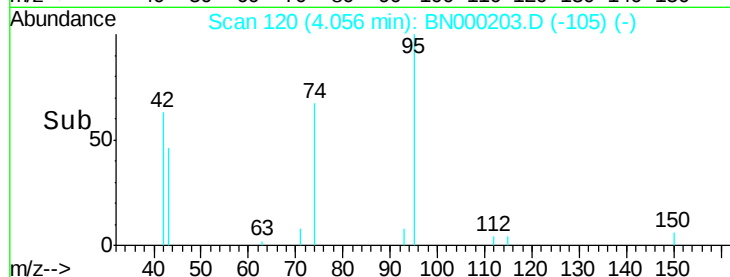
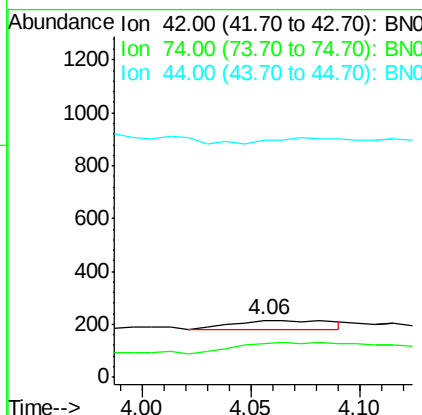
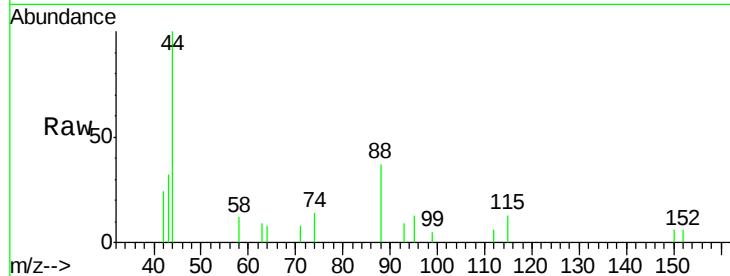
n-Nitrosodimethylamine
 Concen: 0.124 ng
 RT: 4.06 min Scan# 120
 Delta R.T. 0.03 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.8	120.0	180.0
44	32.4	4.0	6.0#

Manual Integrations
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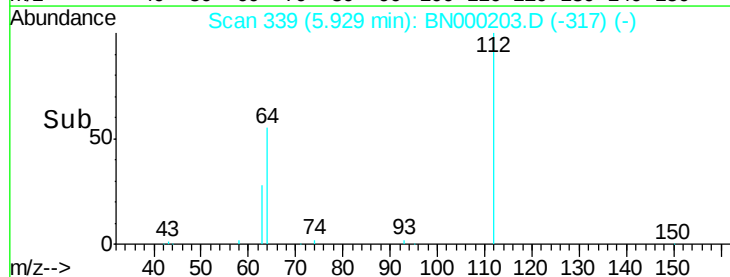
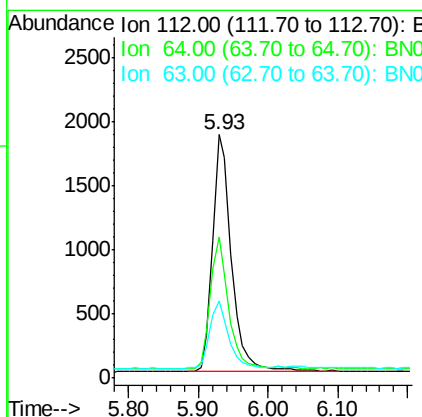
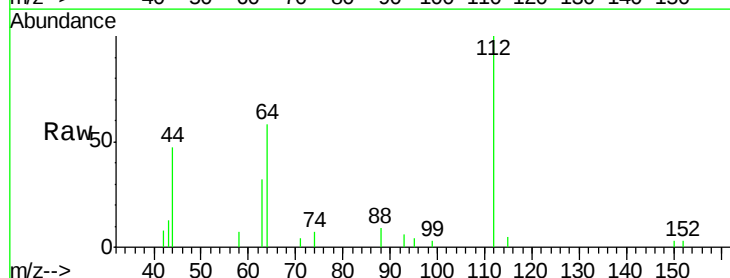
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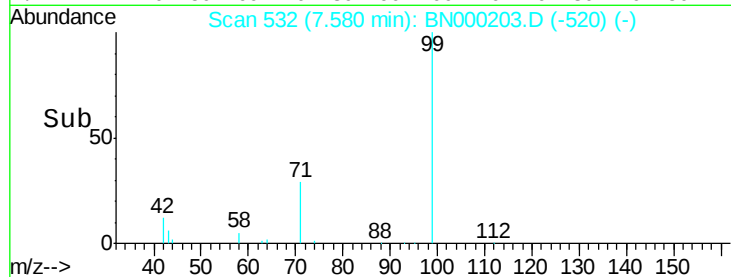
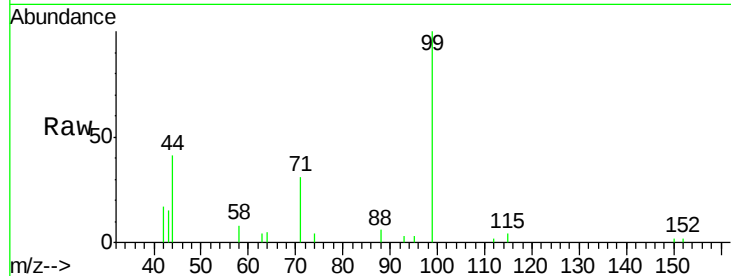
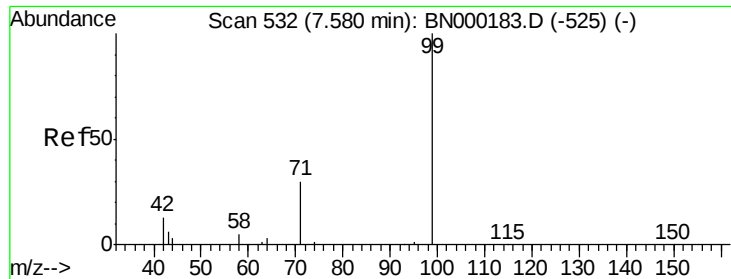


#4

2-Fluorophenol
 Concen: 0.343 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	60.1	90.1#
63	28.0	116.8	175.2#





#5

Phenol-d6

Concen: 0.332 ng

RT: 7.58 min Scan# 532

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	99	Resp:	4299
Ion	Ratio	Lower	Upper
99	100		
42	15.7	20.2	30.2#
71	32.0	28.4	42.6

Instrument :

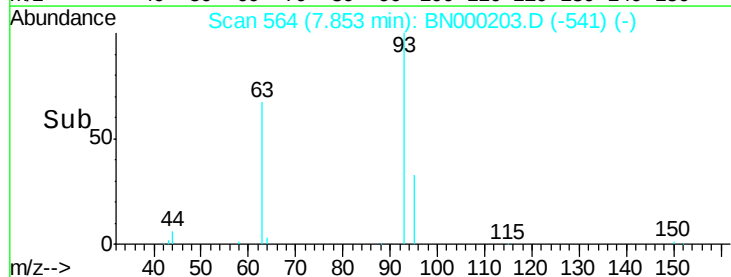
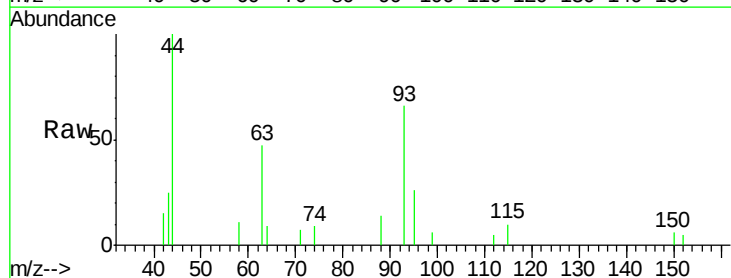
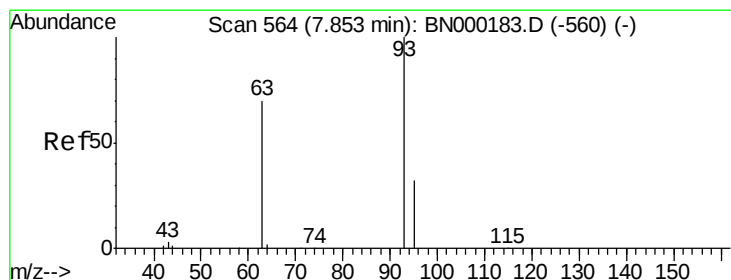
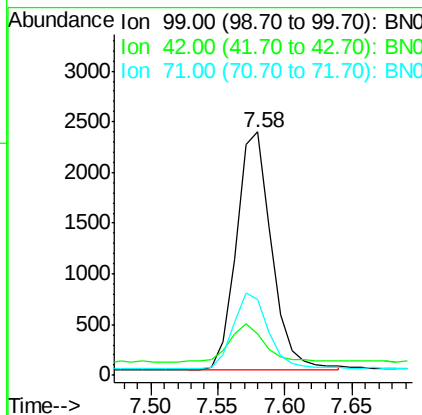
BNA_N

ClientSampleId :

MDL-S-05

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

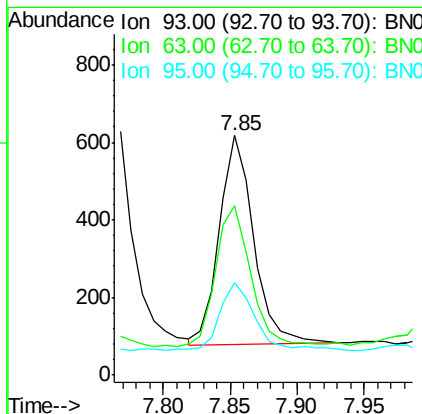
RT: 7.85 min Scan# 564

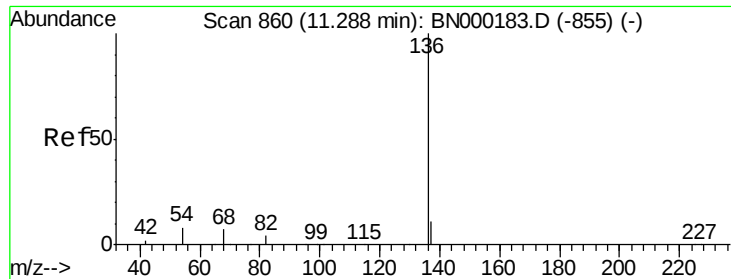
Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	93	Resp:	949
Ion	Ratio	Lower	Upper
93	100		
63	69.9	56.0	84.0
95	33.9	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

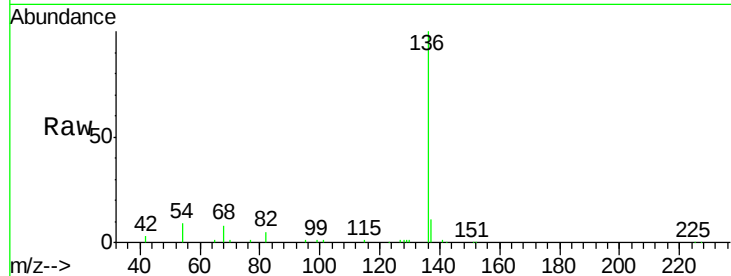
ClientSampleId :

MDL-S-05

Tgt Ion:	136	Resp:	18556
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.5	14.3
54	8.5	29.1	43.7#
68	7.6	6.2	9.2

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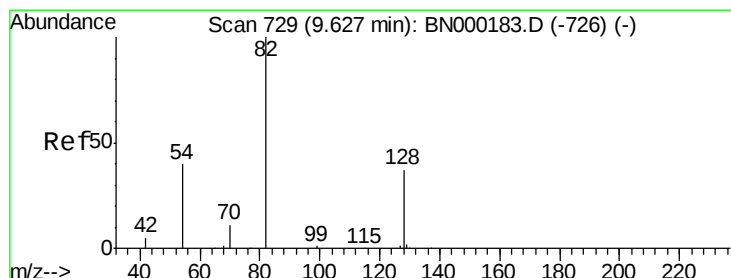
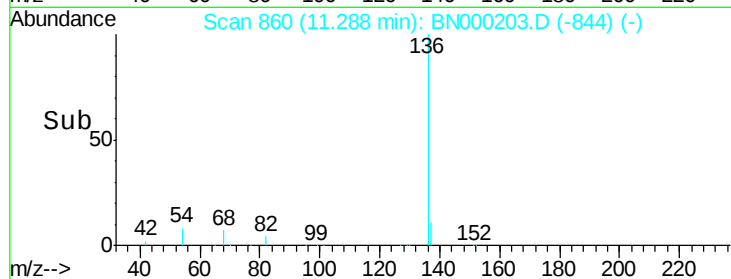
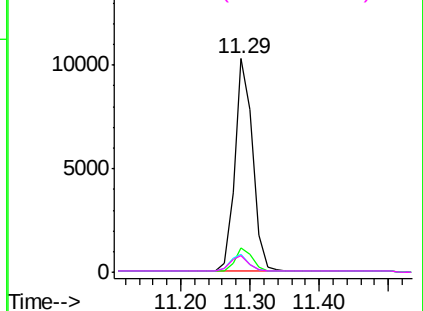


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.326 ng

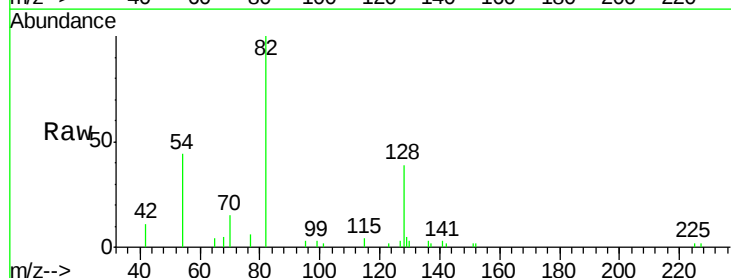
RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

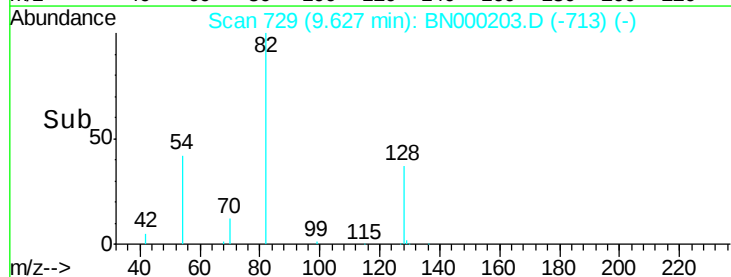
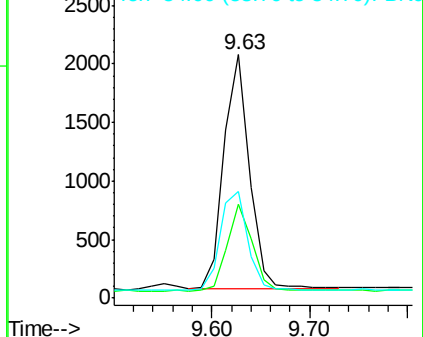
Tgt Ion:	82	Resp:	3589
Ion Ratio	Lower	Upper	
82	100		
128	38.6	150.0	225.0#
54	43.8	154.2	231.4#

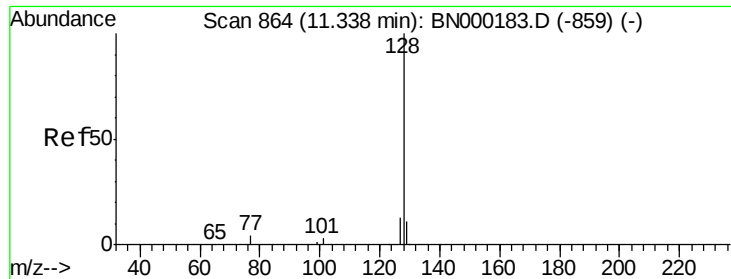


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.059 ng m

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

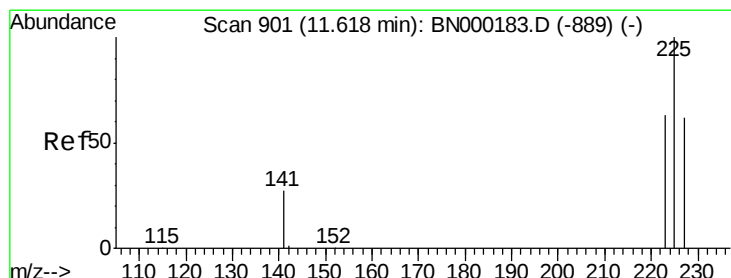
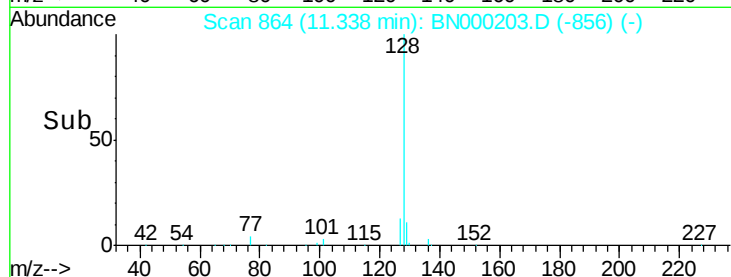
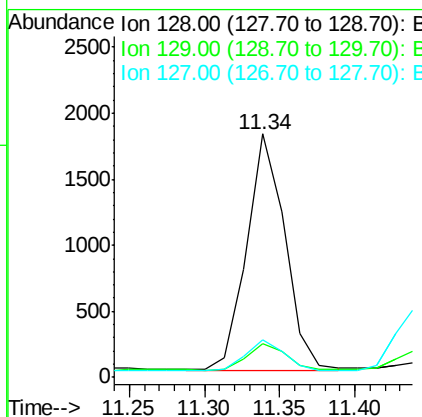
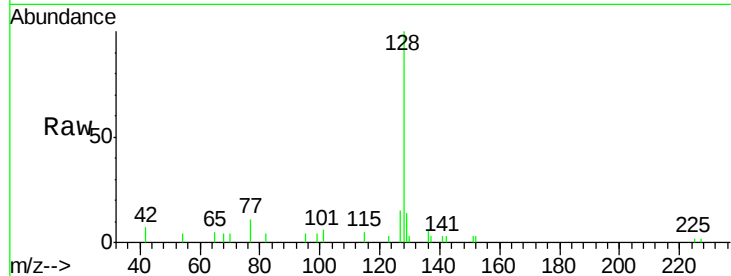
ClientSampled :

MDL-S-05

Tgt Ion:	128	Resp:	3183
Ion Ratio	Lower	Upper	
128	100		
129	13.7	8.0	12.0#
127	15.3	9.6	14.4#

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.058 ng

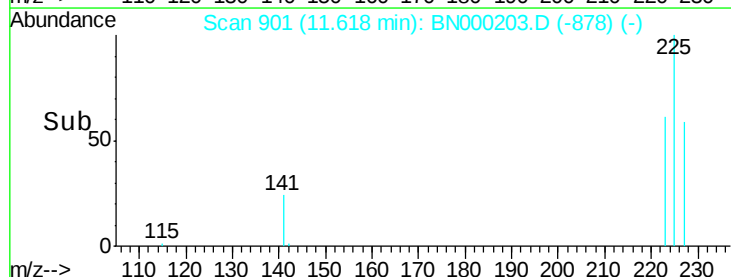
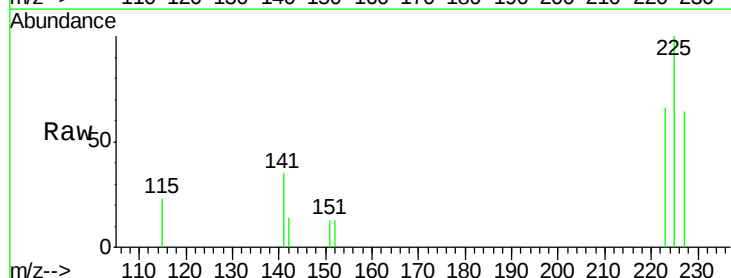
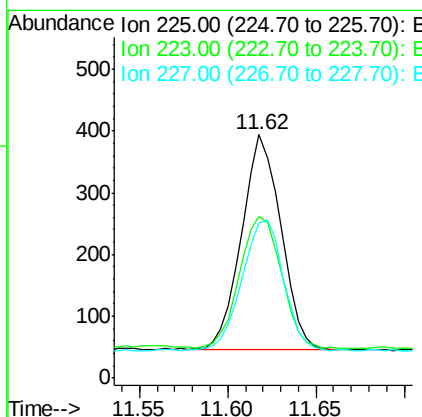
RT: 11.62 min Scan# 901

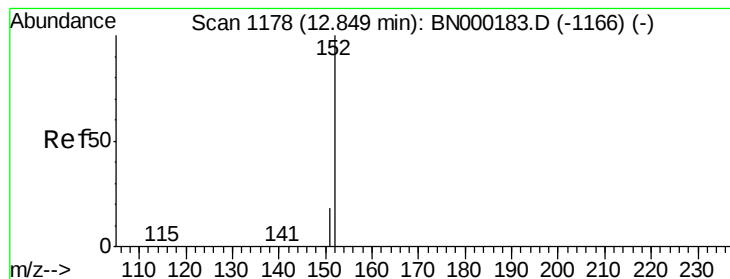
Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	225	Resp:	538
Ion Ratio	Lower	Upper	
225	100		
223	65.4	53.0	79.6
227	63.6	51.4	77.2





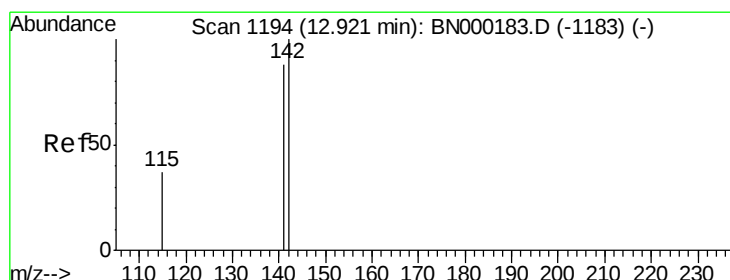
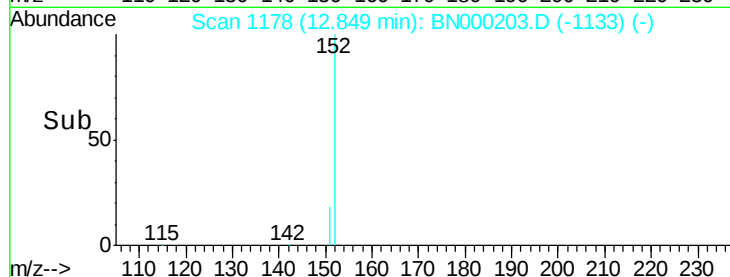
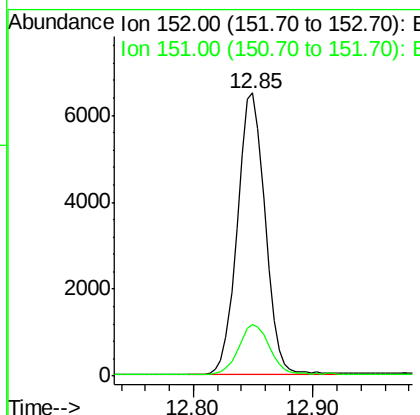
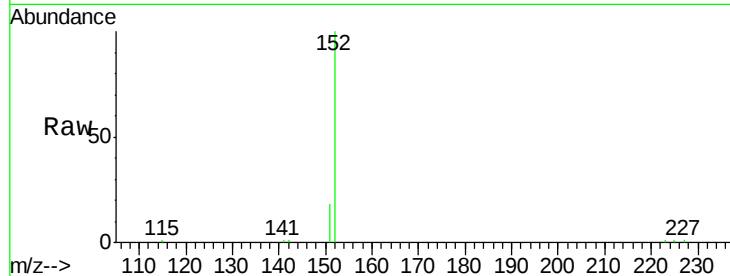
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.85 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

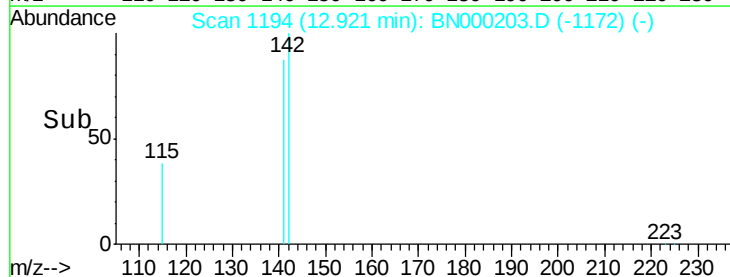
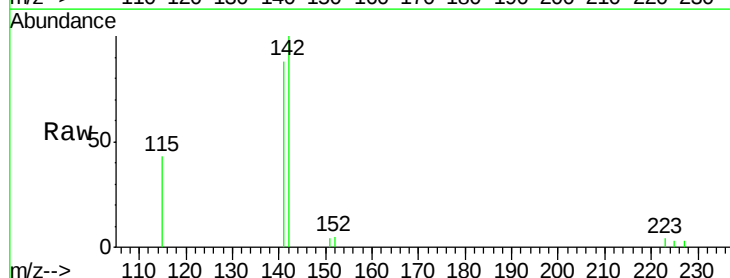
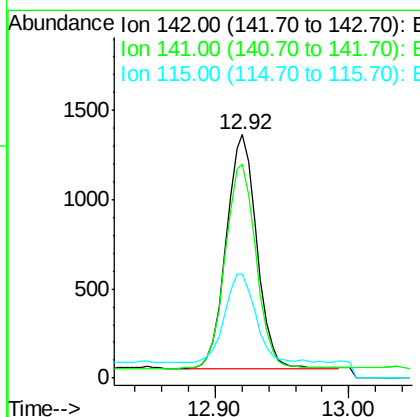
Manual Integrations
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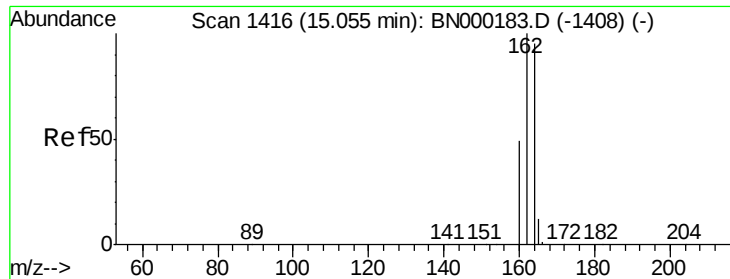
Sohil
2/28/2018 5:42:19 PM



#12
2-Methylnaphthalene
Concen: 0.058 ng
RT: 12.92 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	42.8	31.7	47.5





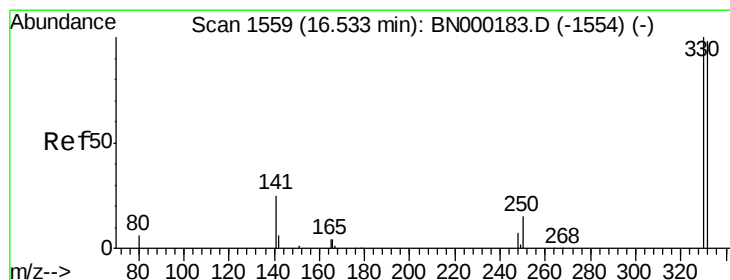
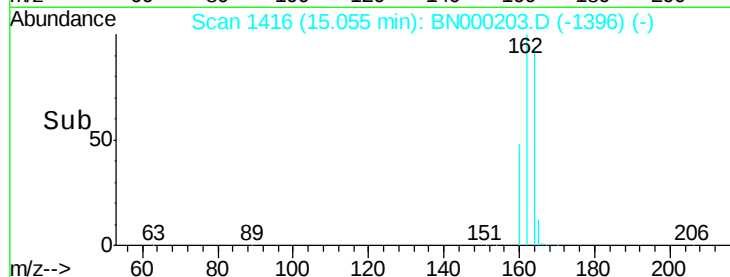
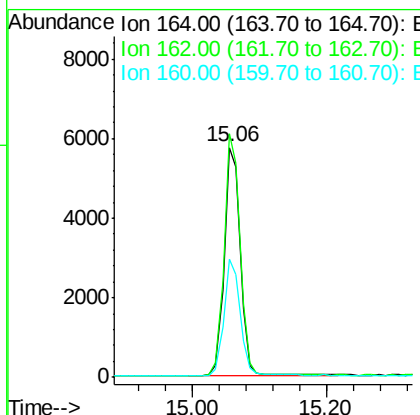
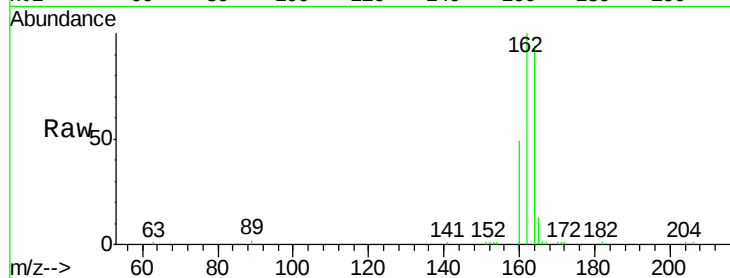
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion:164 Resp: 9386
Ion Ratio Lower Upper
164 100
162 106.0 83.1 124.7
160 51.5 37.1 55.7

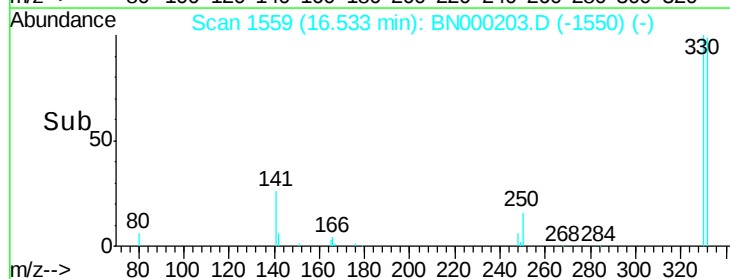
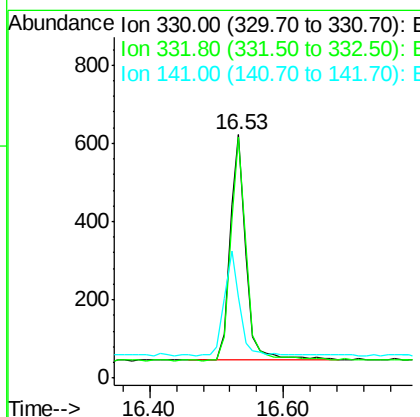
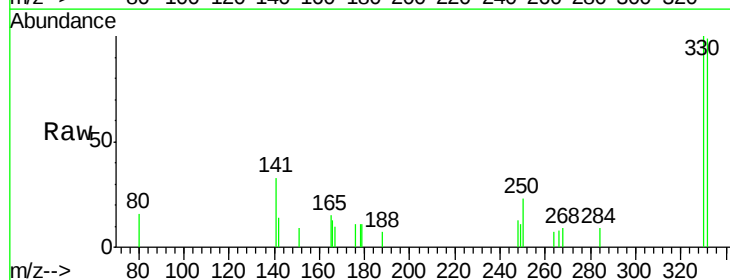
Manual Integrations
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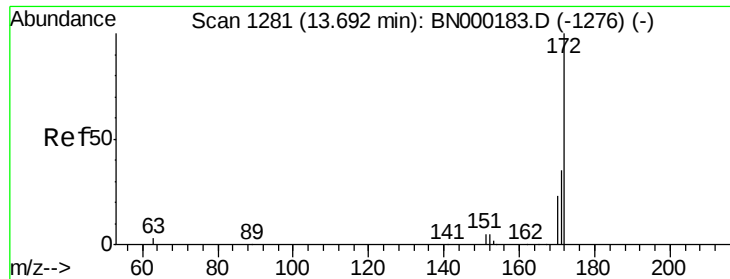
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 16.53 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion:330 Resp: 952
Ion Ratio Lower Upper
330 100
332 97.7 152.7 229.1#
141 46.3 33.7 50.5





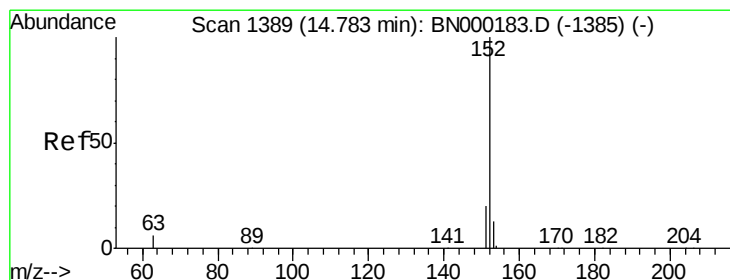
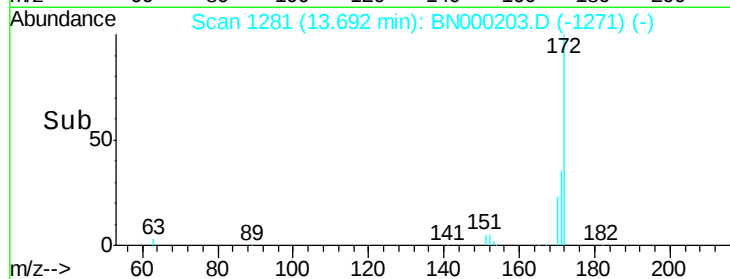
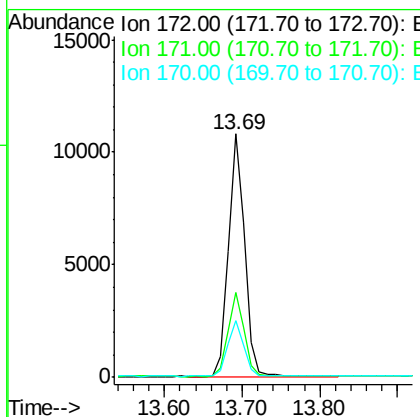
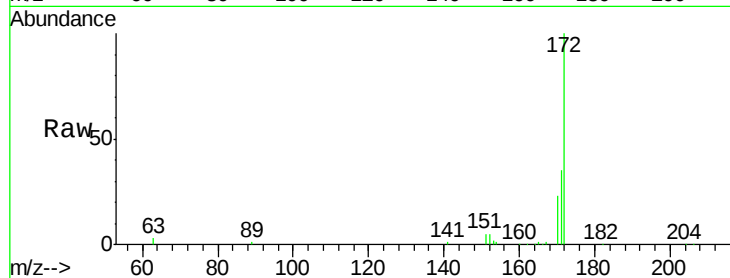
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.69 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	23.5	21.8	32.8

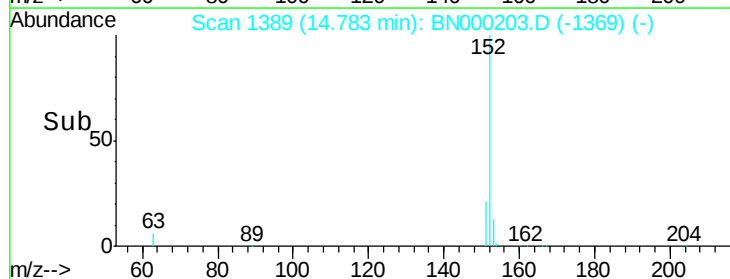
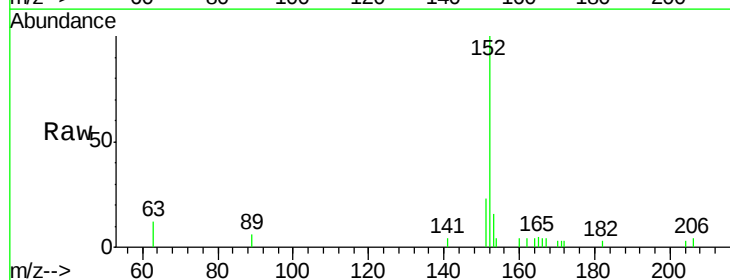
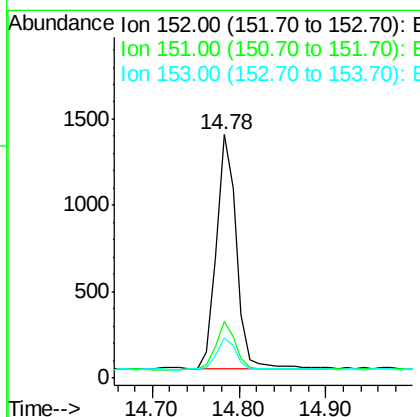
Manual Integrations
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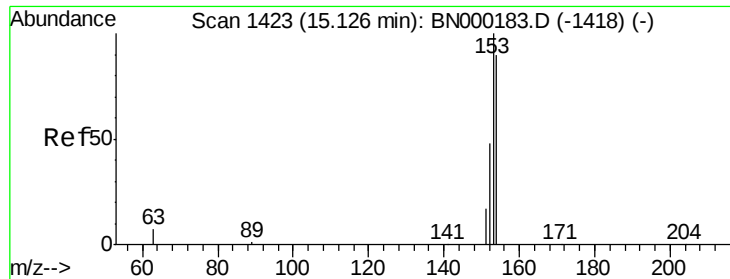
Sohil
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#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.78 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.3	10.5	15.7





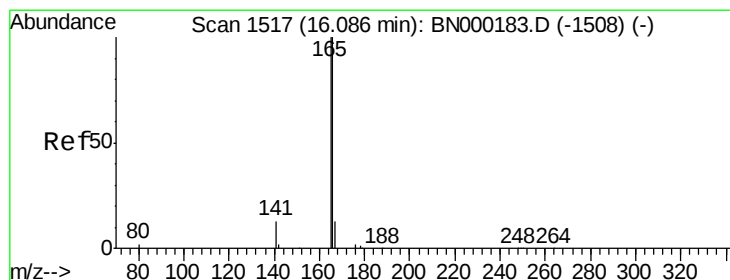
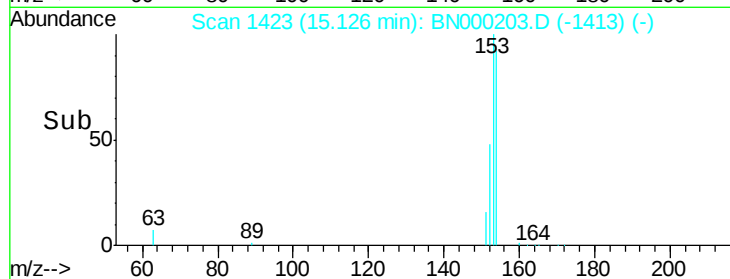
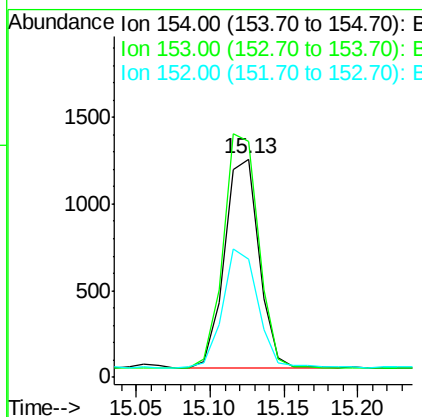
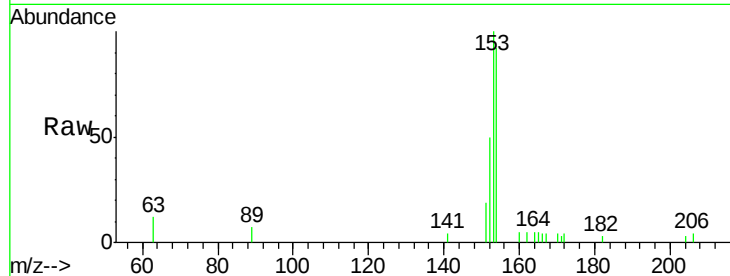
#17
Acenaphthene
Concen: 0.056 ng
RT: 15.13 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	59.0	42.0	63.0

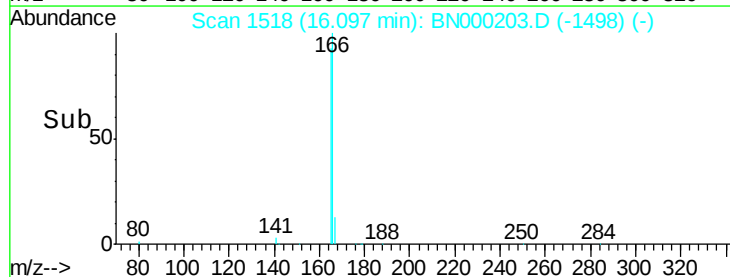
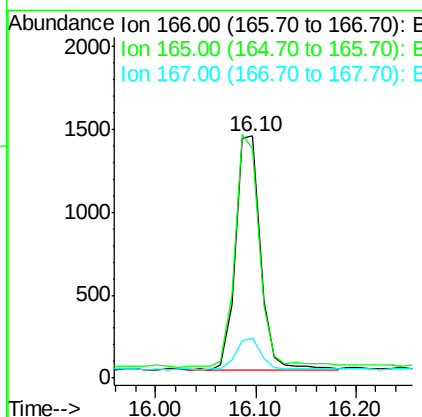
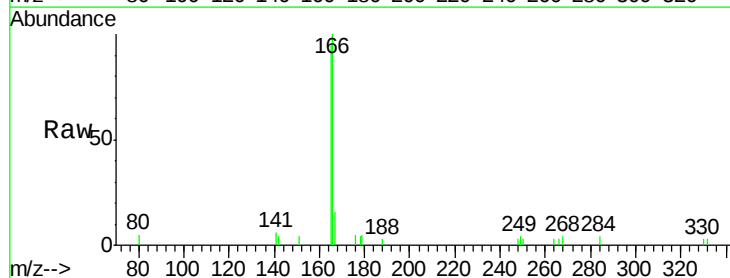
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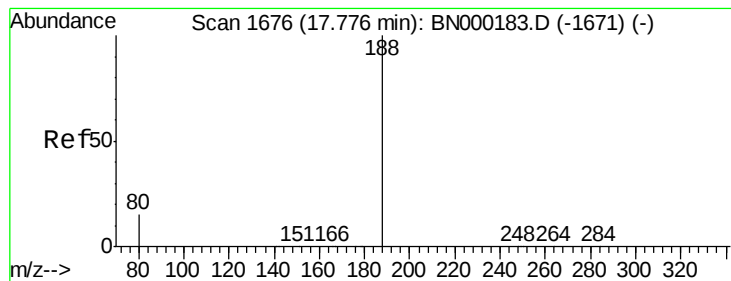
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#18
Fluorene
Concen: 0.056 ng
RT: 16.10 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	14.3	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

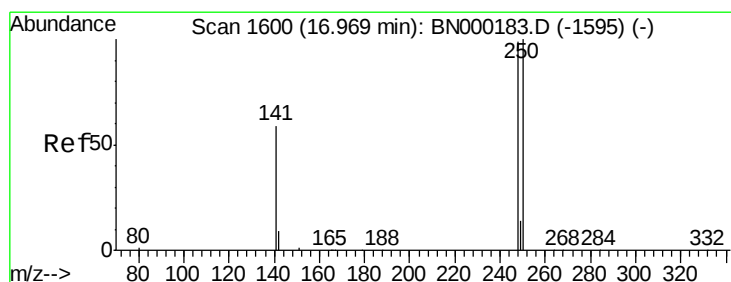
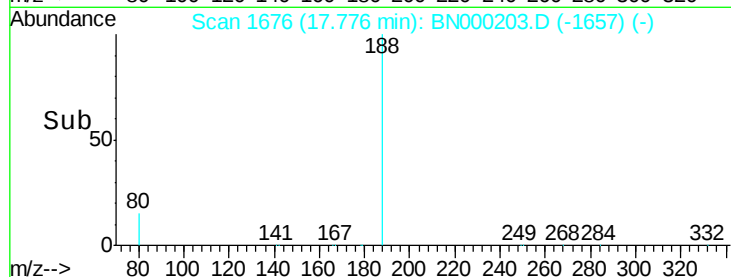
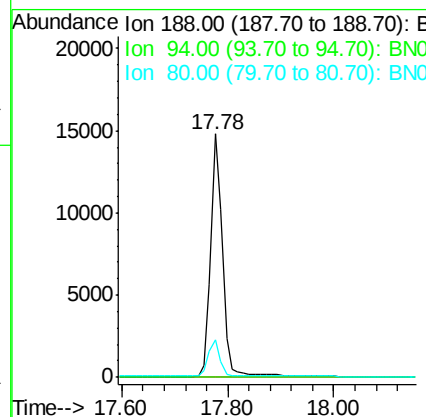
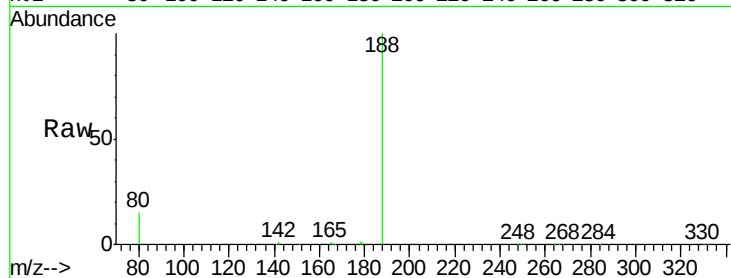
ClientSampleId :

MDL-S-05

Tgt Ion:	188	Resp:	23110
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	15.4	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.050 ng

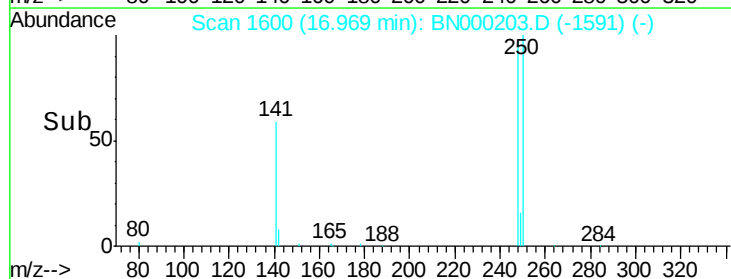
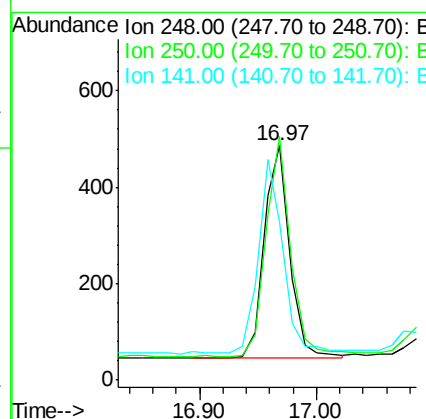
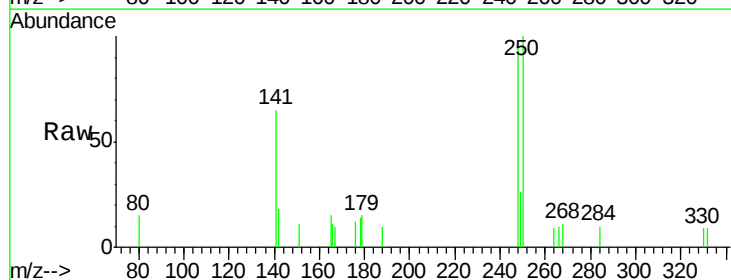
RT: 16.97 min Scan# 1600

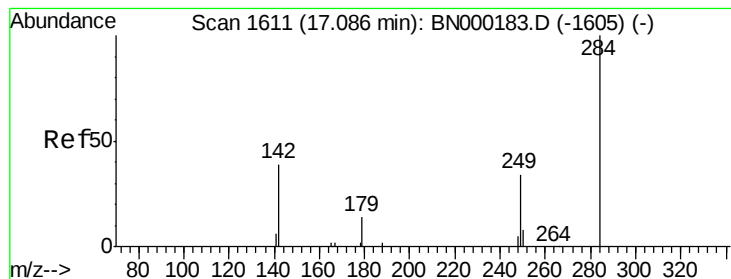
Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	248	Resp:	672
Ion Ratio	Lower	Upper	
248	100		
250	103.9	62.7	94.1#
141	67.5	48.2	72.2





#21

Hexachlorobenzene

Concen: 0.054 ng

RT: 17.09 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

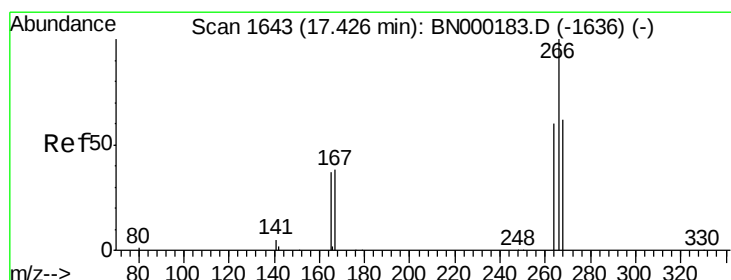
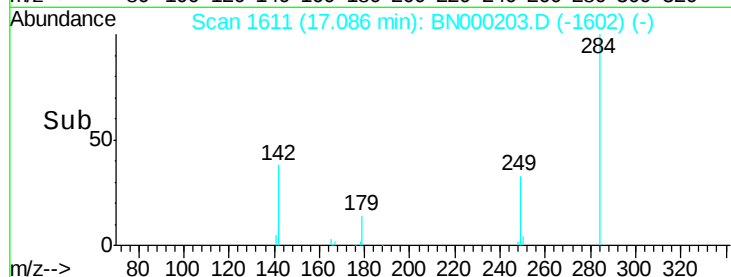
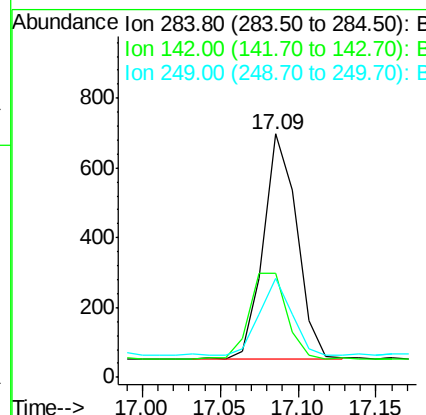
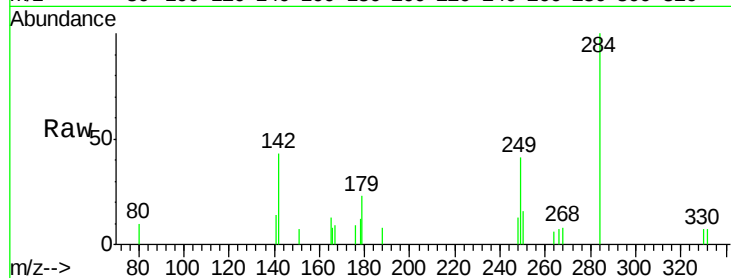
ClientSampleId :

MDL-S-05

Tgt Ion:	284	Resp:	957
Ion Ratio	Lower	Upper	
284	100		
142	43.8	32.0	48.0
249	32.6	24.0	36.0

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#22

Pentachlorophenol

Concen: 0.133 ng

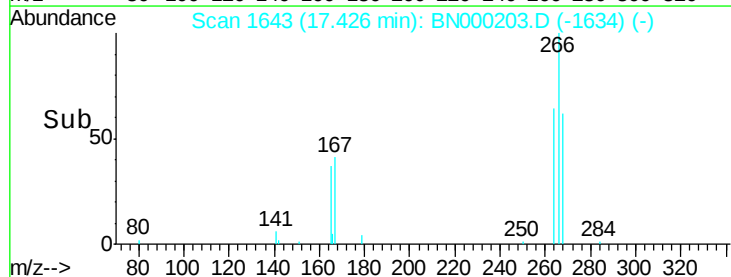
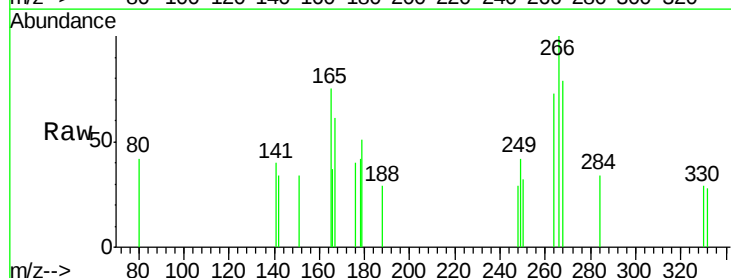
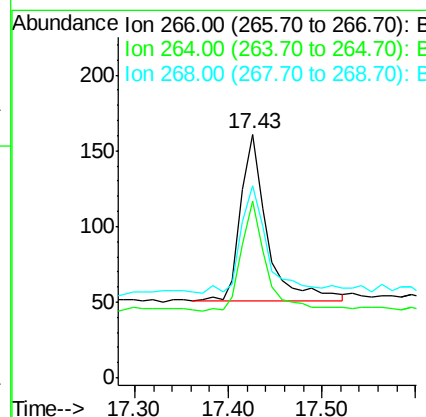
RT: 17.43 min Scan# 1643

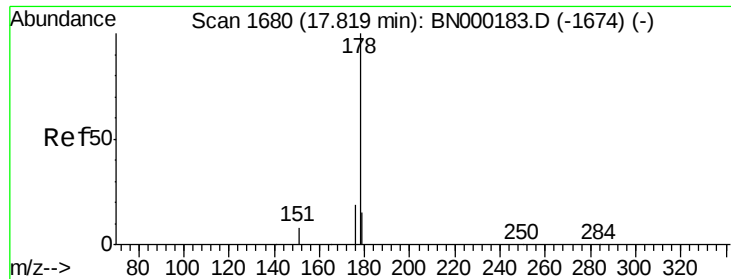
Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	266	Resp:	214
Ion Ratio	Lower	Upper	
266	100		
264	72.7	48.0	72.0#
268	78.9	52.0	78.0#





#23

Phenanthrene

Concen: 0.055 ng

RT: 17.82 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

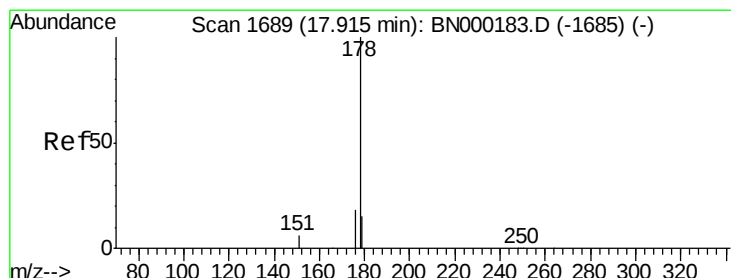
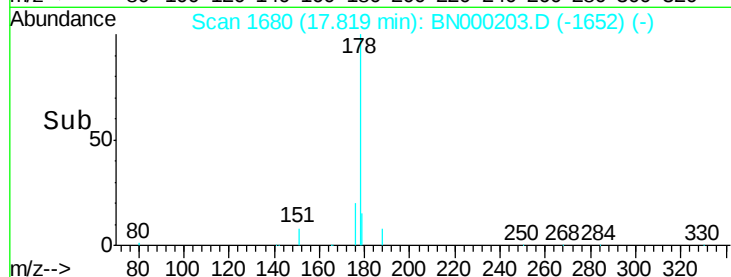
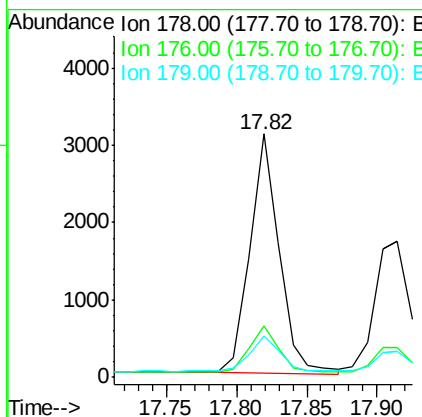
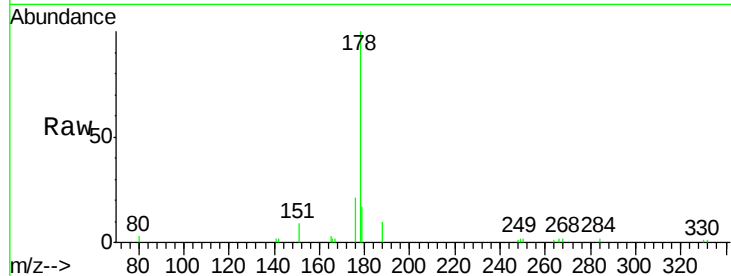
ClientSampleId :

MDL-S-05

Tgt Ion:	178	Resp:	4511
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.1	22.7
179	16.8	11.8	17.6

Manual Integrations
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#24

Anthracene

Concen: 0.048 ng

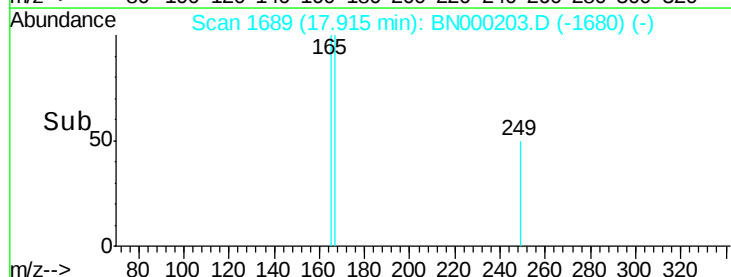
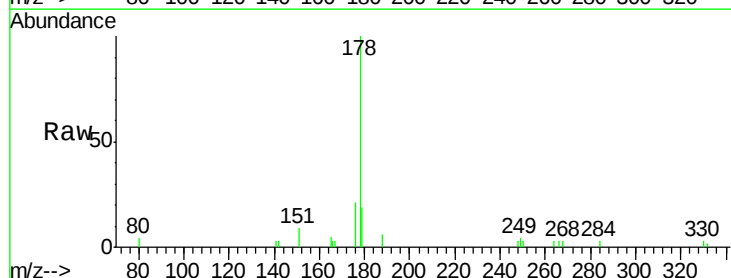
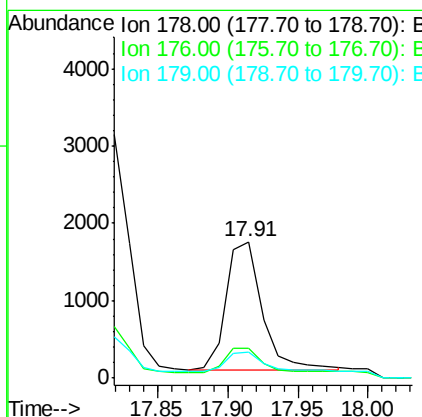
RT: 17.91 min Scan# 1689

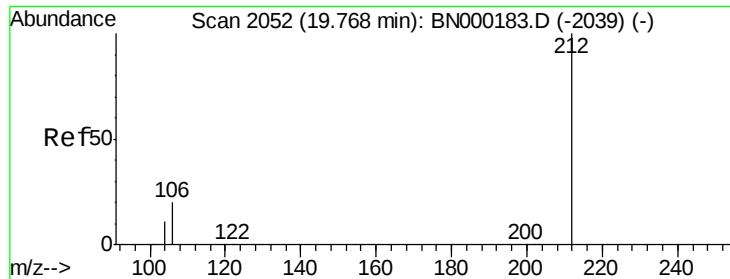
Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	178	Resp:	2963
Ion Ratio	Lower	Upper	
178	100		
176	18.8	12.8	19.2
179	15.5	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.77 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

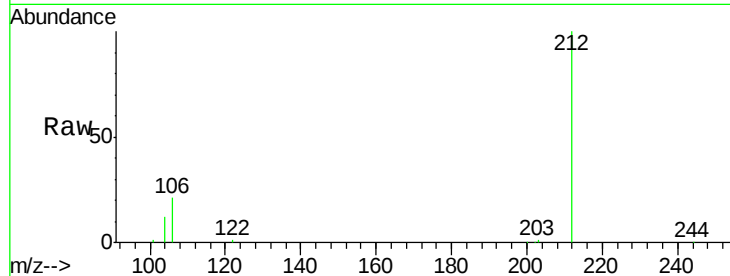
ClientSampled :

MDL-S-05

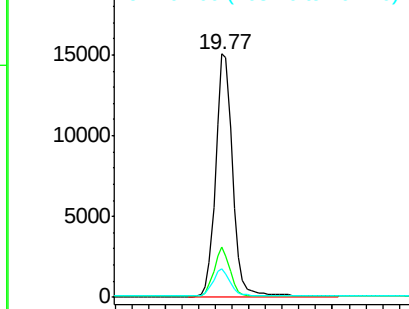
Tgt Ion:	212	Resp:	21197
Ion Ratio	Lower	Upper	
212	100		
106	19.5	2.8	4.2#
104	11.1	1.6	2.4#

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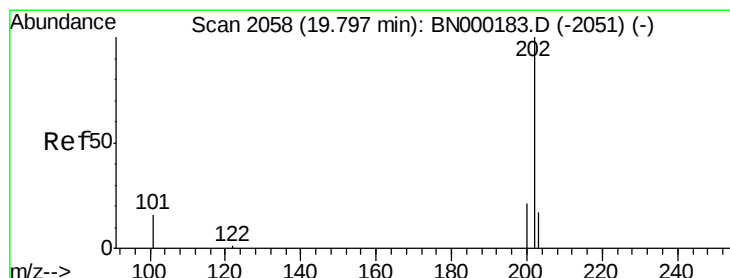
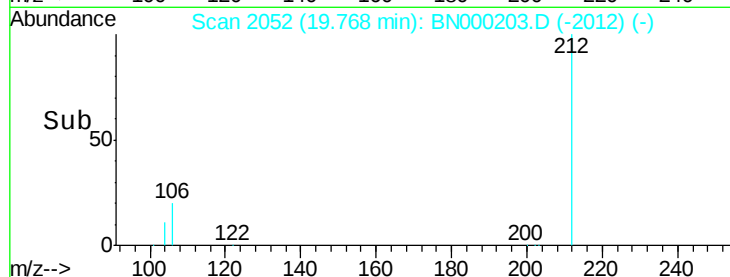
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.053 ng

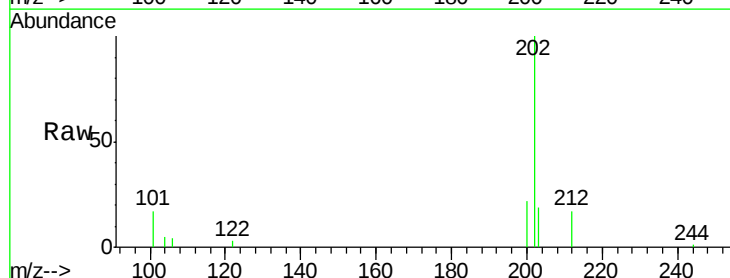
RT: 19.80 min Scan# 2058

Delta R.T. 0.00 min

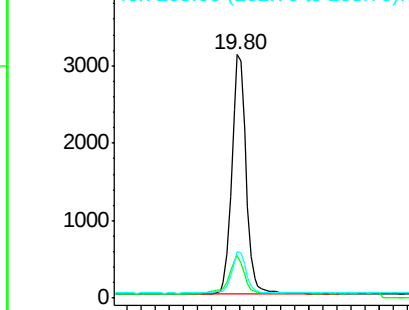
Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

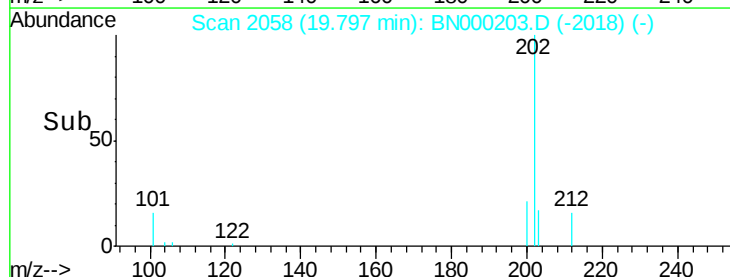
Tgt Ion:	202	Resp:	4486
Ion Ratio	Lower	Upper	
202	100		
101	16.4	9.8	14.8#
203	17.2	13.7	20.5

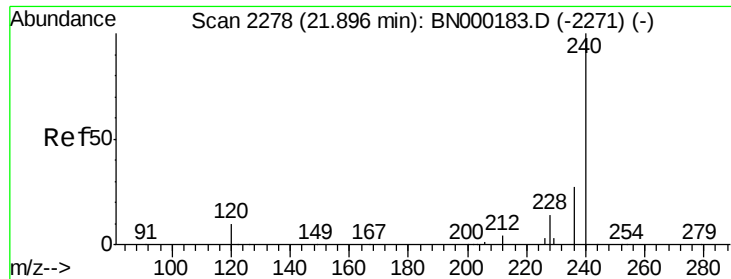


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





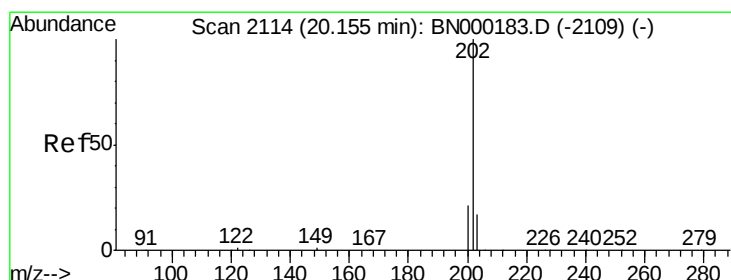
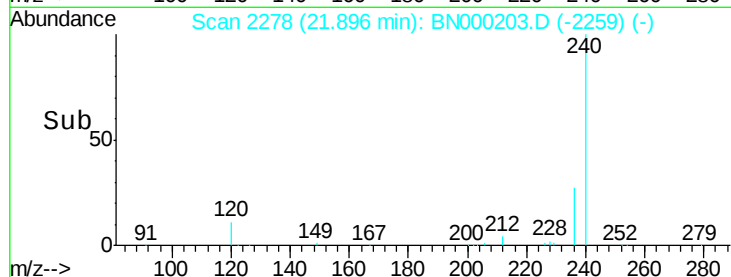
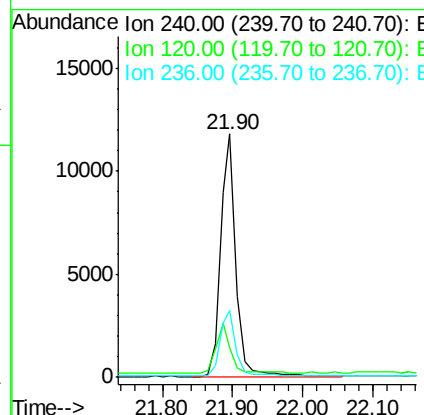
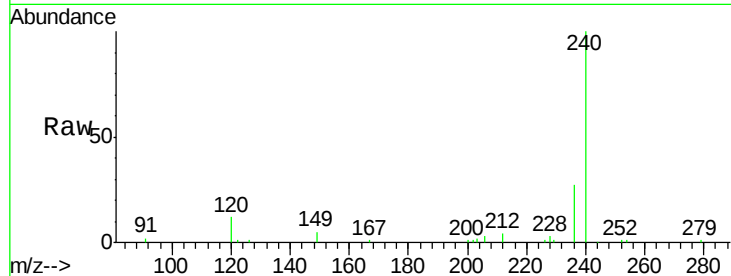
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.90 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.5	8.3#
236	27.3	20.7	31.1

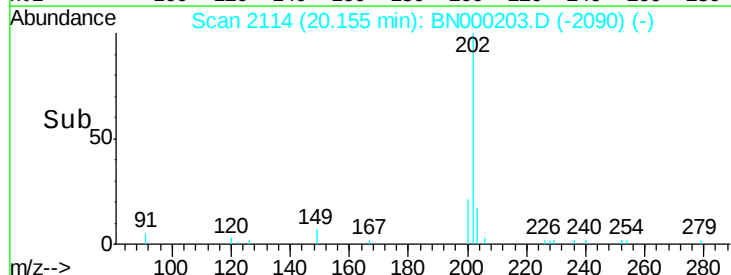
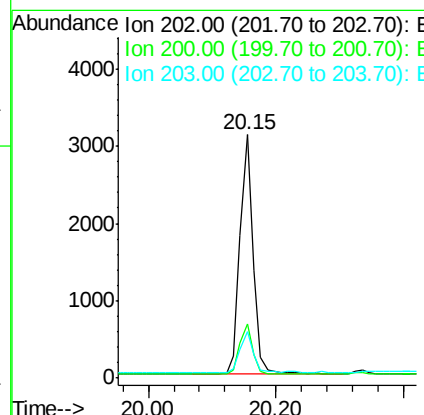
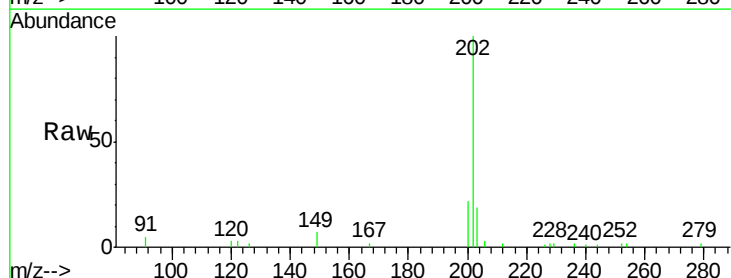
Manual Integrations
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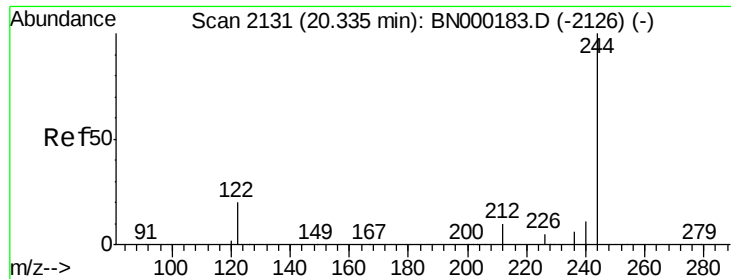
Sohil
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#28
Pyrene
Concen: 0.062 ng
RT: 20.15 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	16.7	13.8	20.8





#29

Terphenyl-d14

Concen: 0.388 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

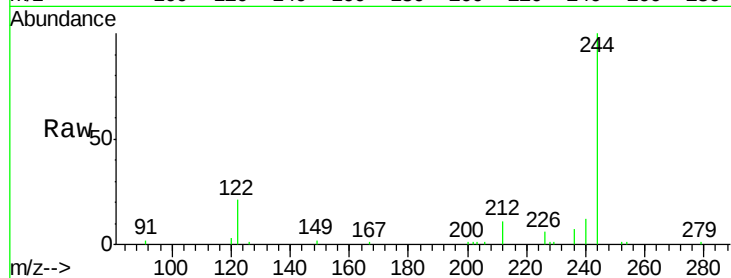
ClientSampleId :

MDL-S-05

Tgt Ion:	244	Resp:	12308
Ion Ratio	Lower	Upper	
244	100		
212	10.6	25.4	38.0#
122	21.3	8.1	12.1#

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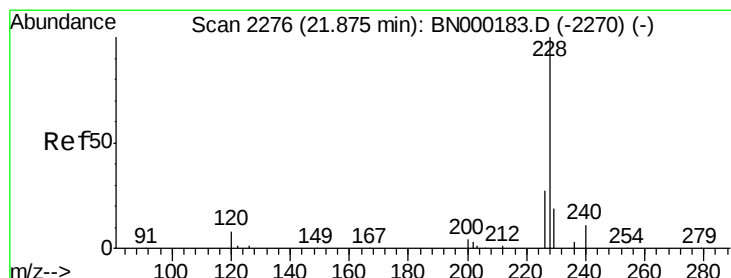
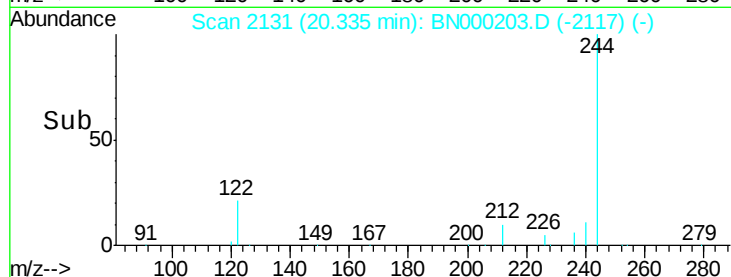
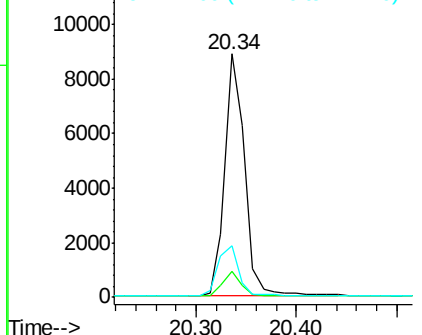
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.056 ng

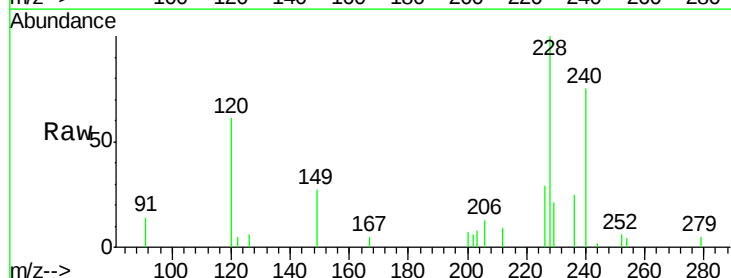
RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

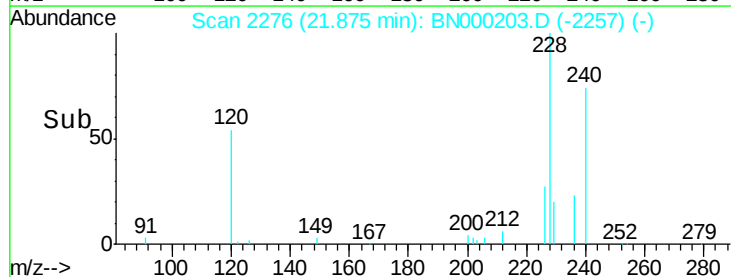
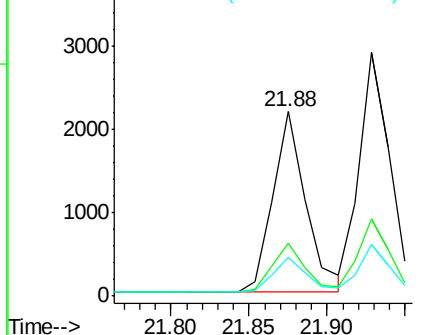
Tgt Ion:	228	Resp:	3171
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.0	36.0
229	21.4	16.0	24.0

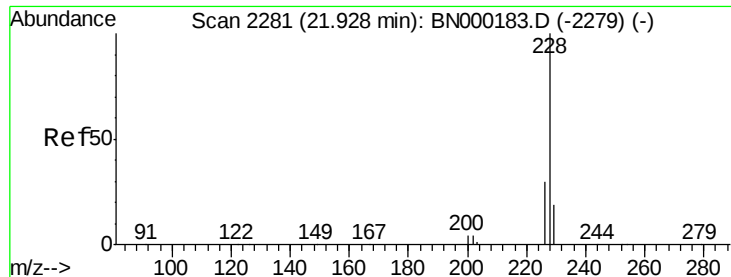


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.059 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

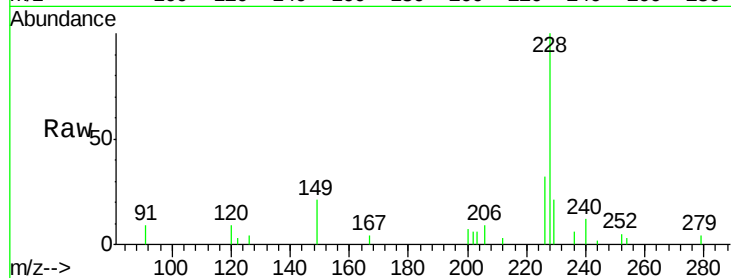
ClientSampled :

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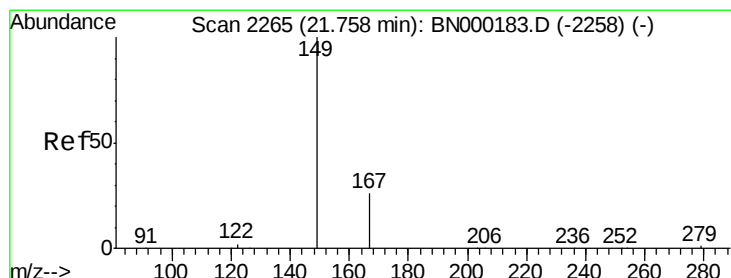
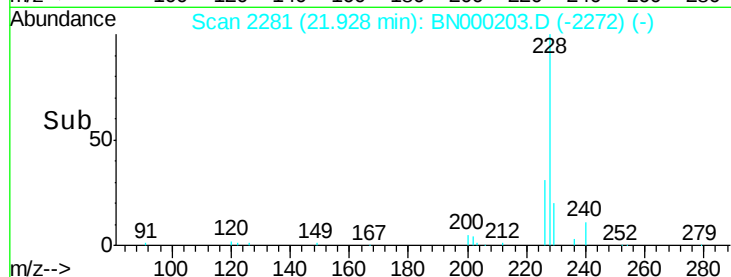
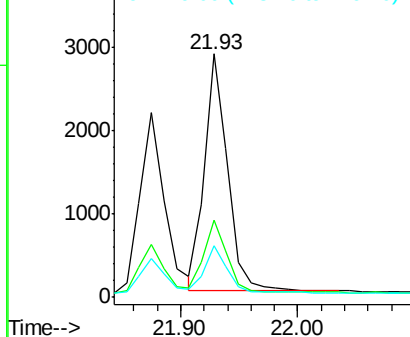
Tgt Ion:	228	Resp:	3939
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.0	36.0
229	21.1	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

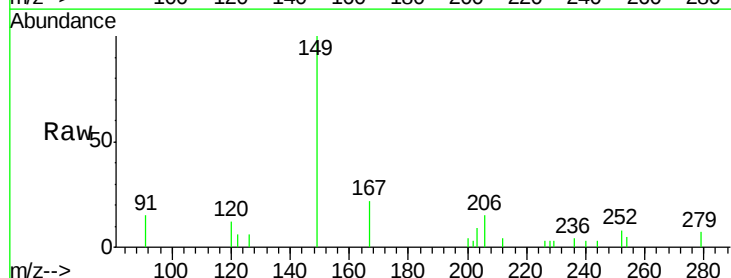
RT: 21.76 min Scan# 2265

Delta R.T. 0.00 min

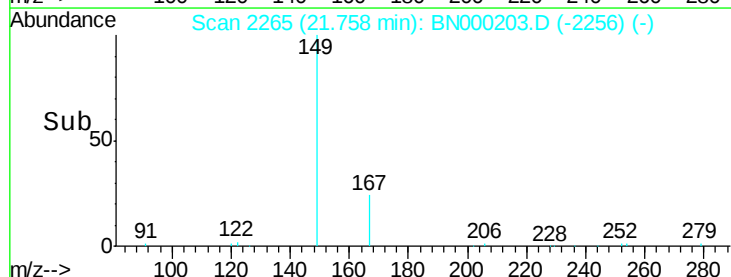
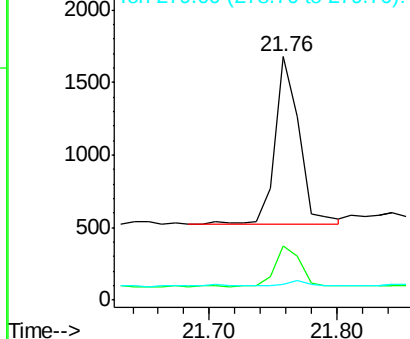
Lab File: BN000203.D

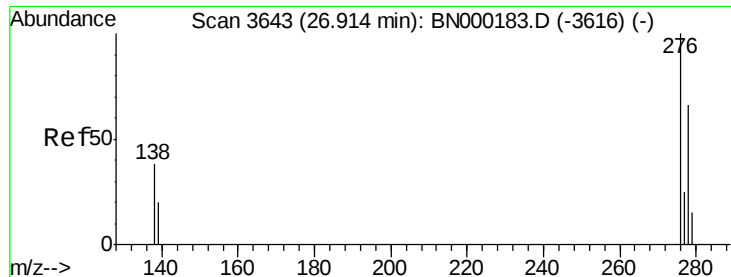
Acq: 28 Feb 2018 13:00

Tgt Ion:	149	Resp:	1534
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.0	30.0
279	3.5	1.6	2.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





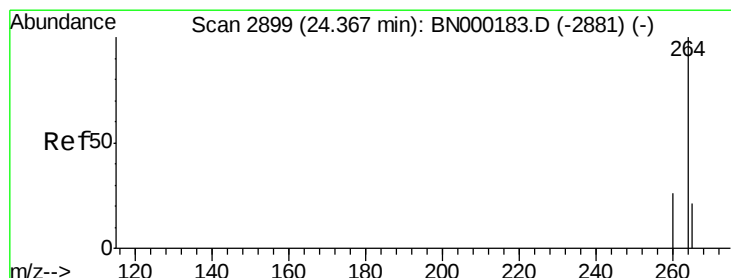
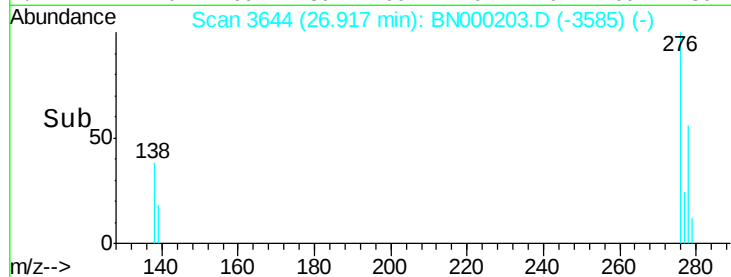
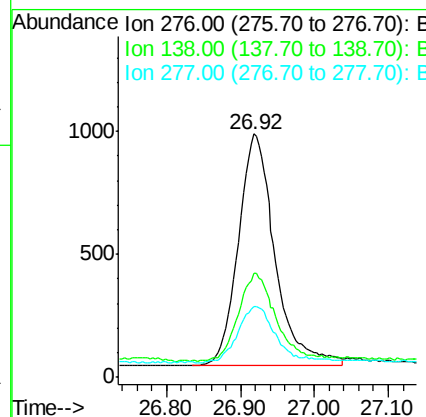
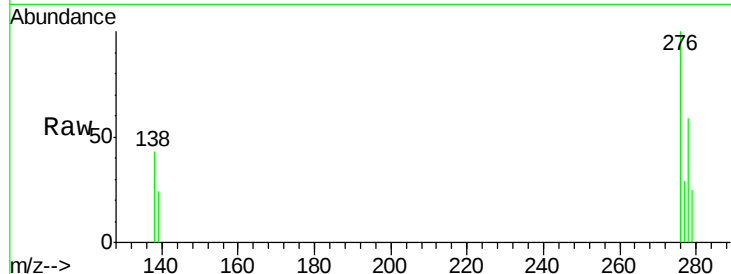
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.052 ng
 RT: 26.92 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Instrument :
 BNA_N
 ClientSampled :
 MDL-S-05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.7	22.5	33.7#
277	25.5	19.9	29.9

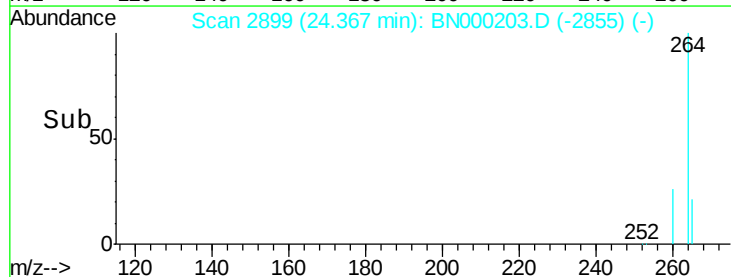
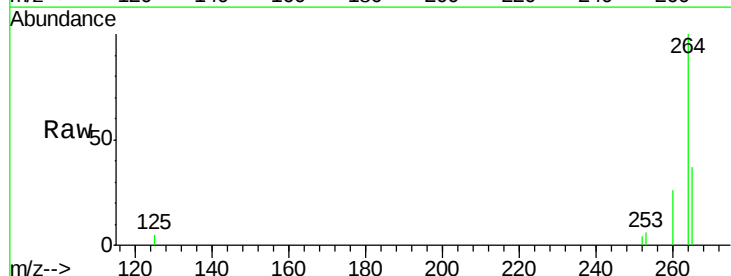
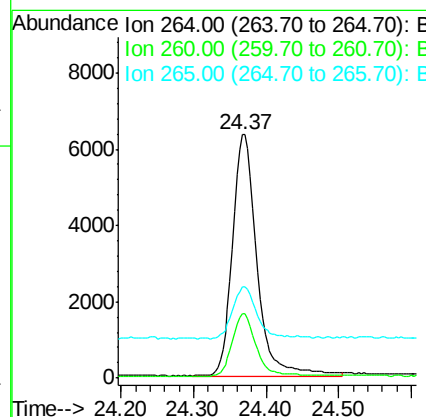
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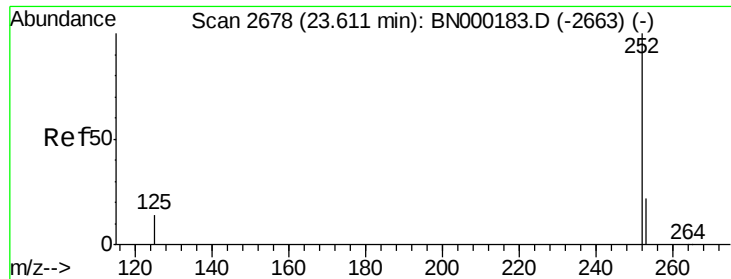
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	37.4	22.8	34.2#





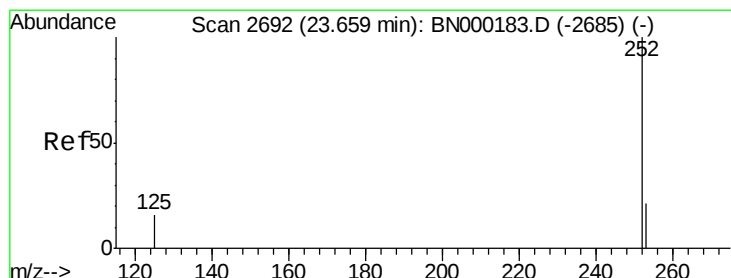
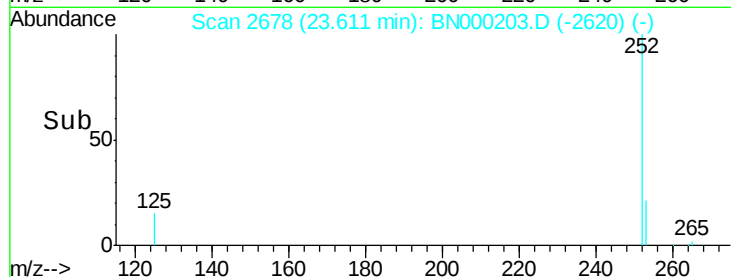
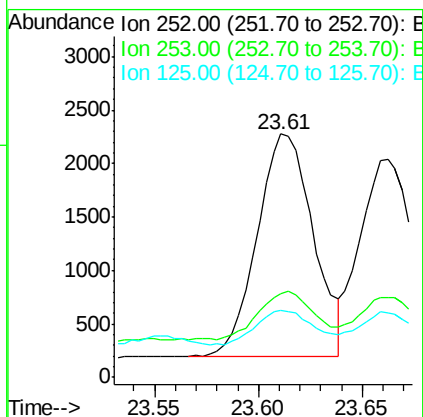
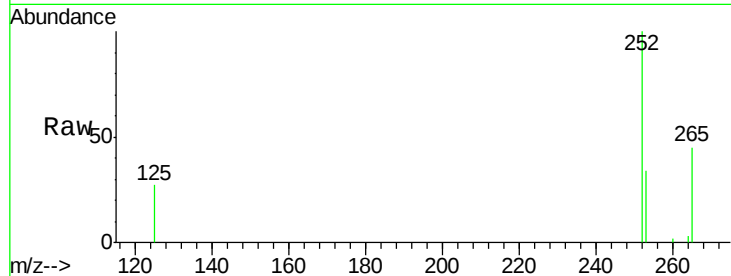
#35
Benzo(b)fluoranthene
Concen: 0.058 ng
RT: 23.61 min Scan# 2678
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.3	20.0	30.0#
125	27.4	16.0	24.0#

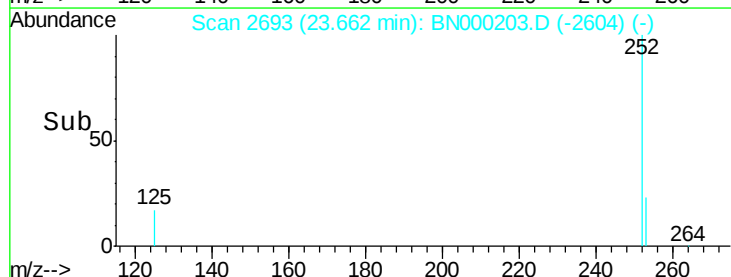
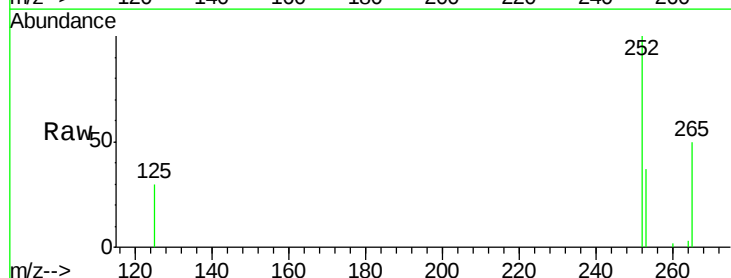
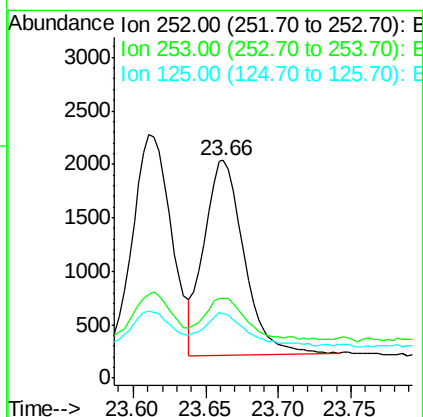
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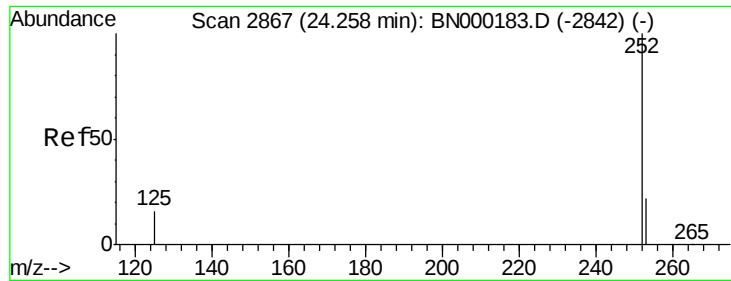
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#36
Benzo(k)fluoranthene
Concen: 0.053 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	16.0	24.0#
125	29.8	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.051 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

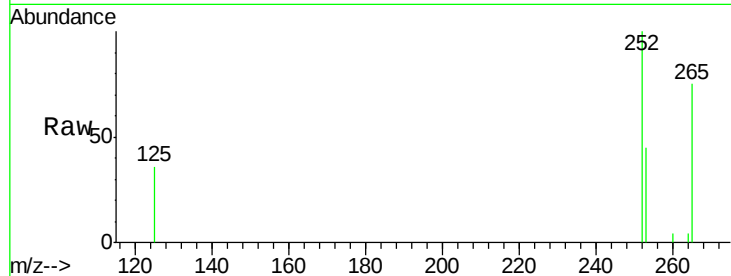
ClientSampleId :

MDL-S-05

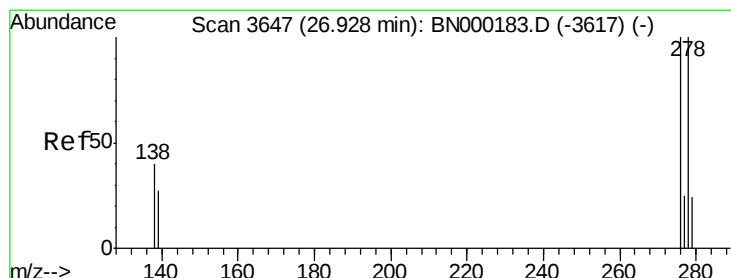
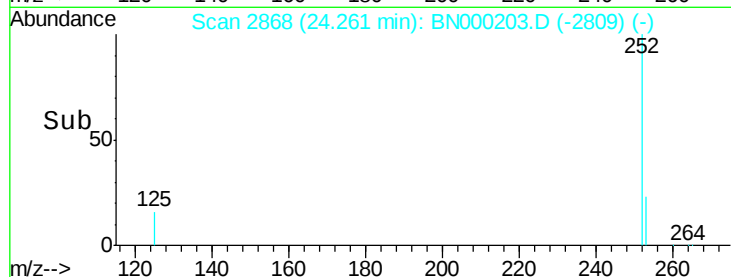
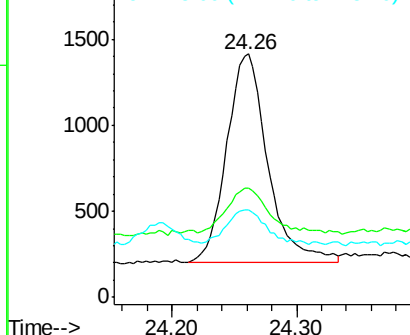
Tgt Ion:	252	Resp:	2765
Ion Ratio	Lower	Upper	
252	100		
253	45.1	16.0	24.0#
125	35.8	12.0	18.0#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.050 ng

RT: 26.93 min Scan# 3648

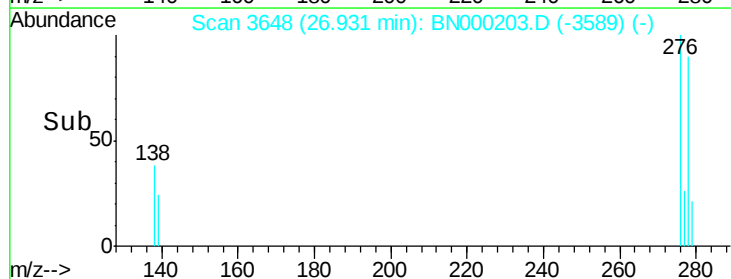
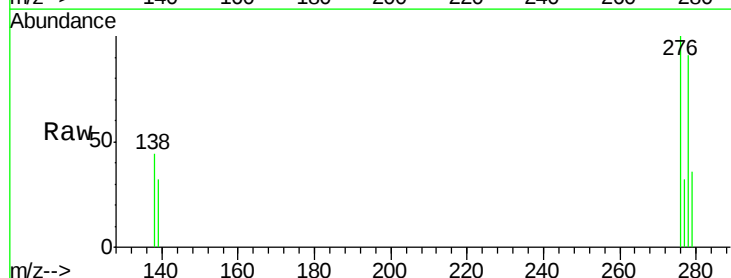
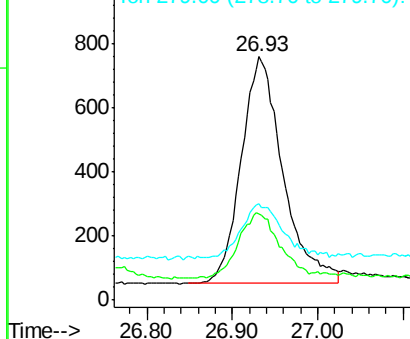
Delta R.T. 0.00 min

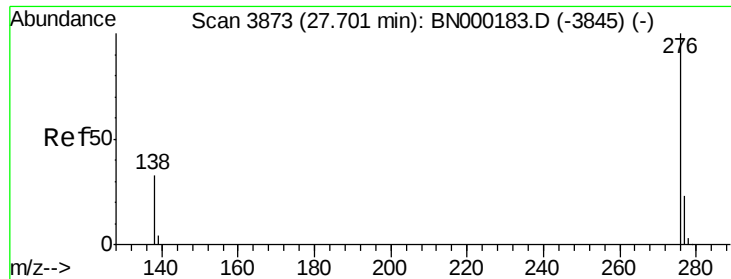
Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Tgt Ion:	278	Resp:	2411
Ion Ratio	Lower	Upper	
278	100		
139	35.2	16.0	24.0#
279	39.4	20.0	30.0#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





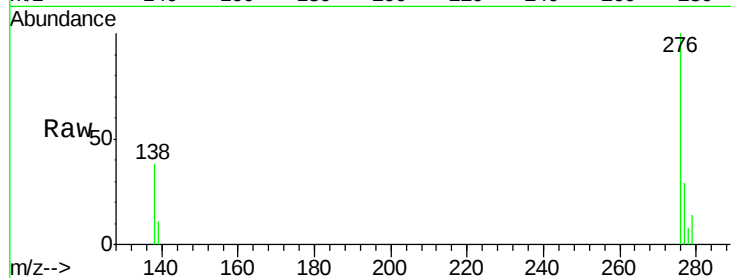
#39
 Benzo(g,h,i)perylene
 Concen: 0.058 ng
 RT: 27.70 min Scan# 3874
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.9	16.0	24.0#
138	38.4	20.0	30.0#

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

