

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003312.D
 Acq On : 26 Oct 2018 19:28
 Operator : MJ/SJ
 Sample : J5164-03
 Misc : 0.1 PPM MDL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Manual Integrations
 APPROVED

Sohil
 10/29/2018 4:49:31 PM

Quant Time: Oct 29 16:40:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12262	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	50743	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	29205	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	72181	0.40	ng	0.00
27) Chrysene-d12	21.42	240	76282	0.40	ng	0.00
34) Perylene-d12	23.74	264	70629	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	9336	0.31	ng	0.00
5) Phenol-d6	7.02	99	11499	0.30	ng	0.00
8) Nitrobenzene-d5	9.02	82	7970	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	24922	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	3055	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	43148	0.34	ng	-0.01
25) Fluoranthene-d10	19.26	212	60426	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	57526	0.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	1473	0.093	ng	# 90
3) n-Nitrosodimethylamine	3.71	42	544	0.074	ng	# 76
6) bis(2-Chloroethyl)ether	7.30	93	2860	0.084	ng	93
9) Naphthalene	10.71	128	11288	0.091	ng	97
10) Hexachlorobutadiene	10.99	225	2099	0.093	ng	# 98
12) 2-Methylnaphthalene	12.32	142	7698	0.089	ng	99
16) Acenaphthylene	14.22	152	10232	0.079	ng	99
17) Acenaphthene	14.56	154	7868	0.087	ng	97
18) Fluorene	15.55	166	9821	0.087	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	3586	0.086	ng	# 75
21) Hexachlorobenzene	16.54	284	4036	0.092	ng	99
22) Pentachlorophenol	16.88	266	836	0.070	ng	95
23) Phenanthrene	17.28	178	17568	0.089	ng	99
24) Anthracene	17.38	178	13299	0.078	ng	100
26) Fluoranthene	19.29	202	19626	0.086	ng	99
28) Pyrene	19.66	202	19230	0.091	ng	99
30) Benzo(a)anthracene	21.41	228	16066	0.080	ng	100
31) Chrysene	21.45	228	19971	0.093	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	4701	0.079	ng	99
33) Indeno(1,2,3-cd)pyrene	26.10	276	18711	0.084	ng	97
35) Benzo(b)fluoranthene	23.03	252	19277m	0.087	ng	
36) Benzo(k)fluoranthene	23.08	252	18569	0.085	ng	# 90
37) Benzo(a)pyrene	23.64	252	16356	0.082	ng	92
38) Dibenzo(a,h)anthracene	26.12	278	15024	0.080	ng	93
39) Benzo(g,h,i)perylene	26.83	276	16274	0.087	ng	96

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

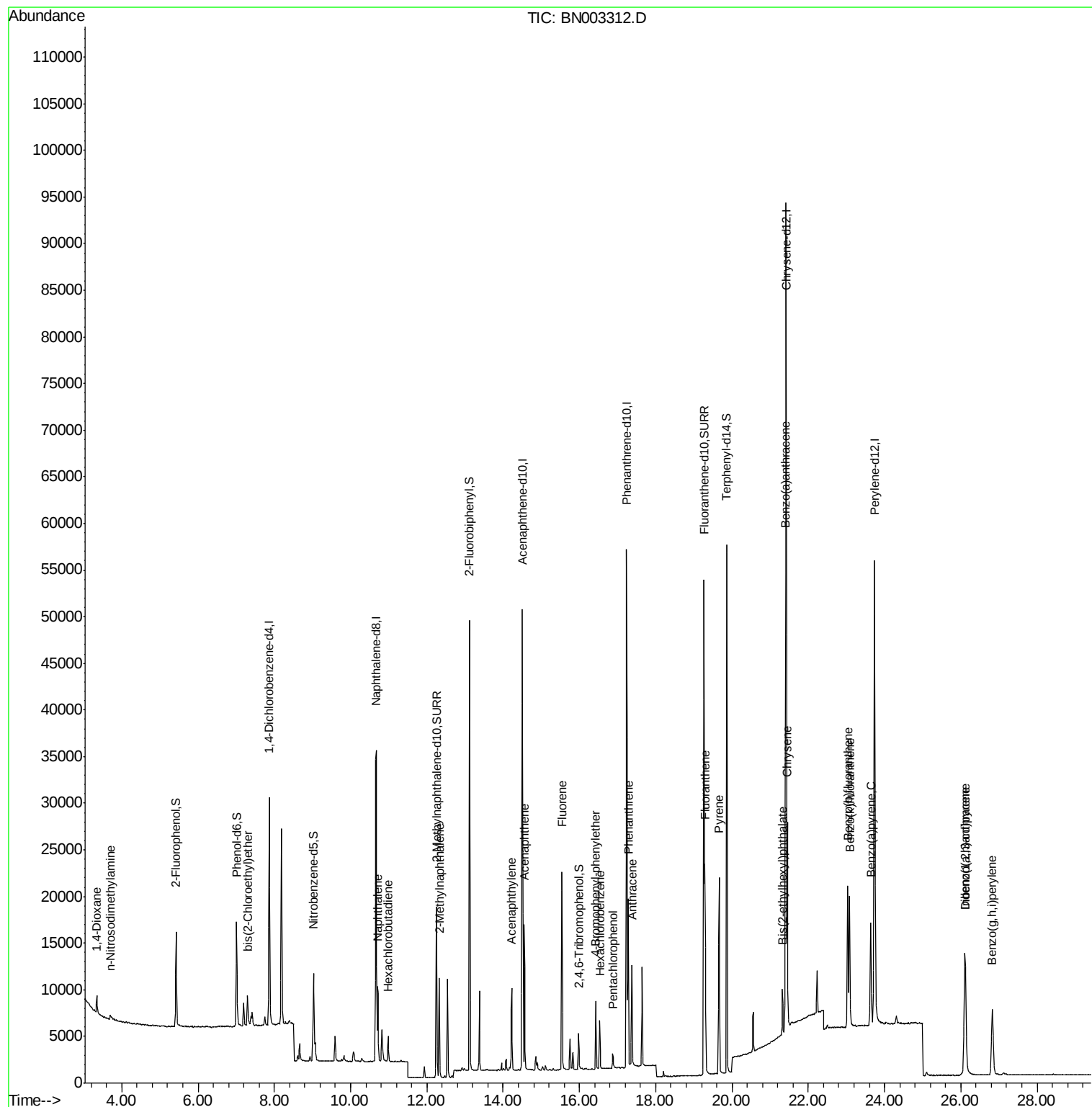
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003312.D
Acq On : 26 Oct 2018 19:28
Operator : MJ/SJ
Sample : J5164-03
Misc : 0.1 PPM MDL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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MDL-MDL-SOIL-03-QT4-2018

Manual Integrations
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Quant Time: Oct 29 16:40:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 601

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

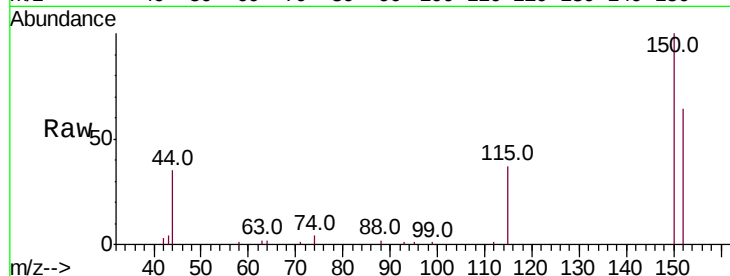
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	187.0
115	56.8	46.4	69.6

Manual Integrations
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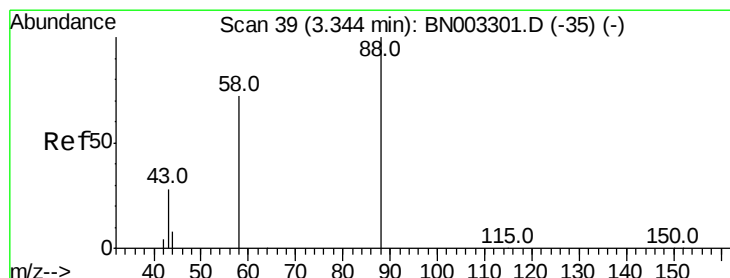
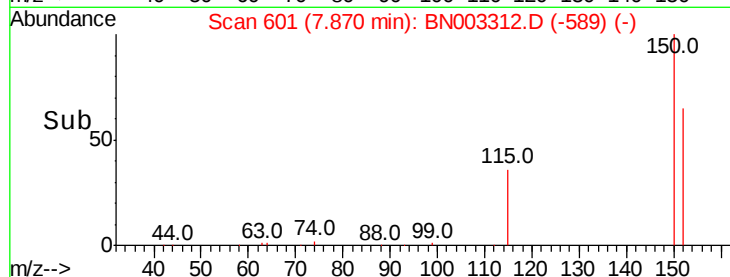
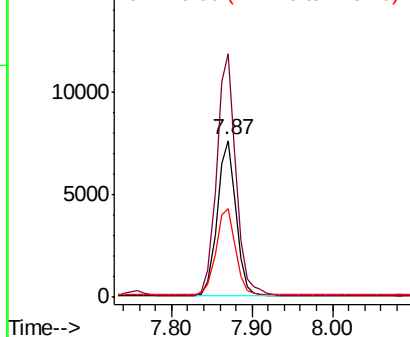


Abundance

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: 0.093 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

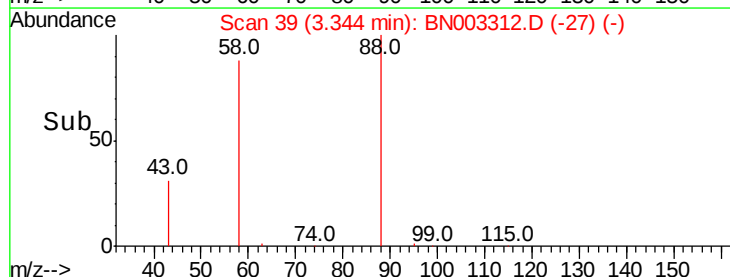
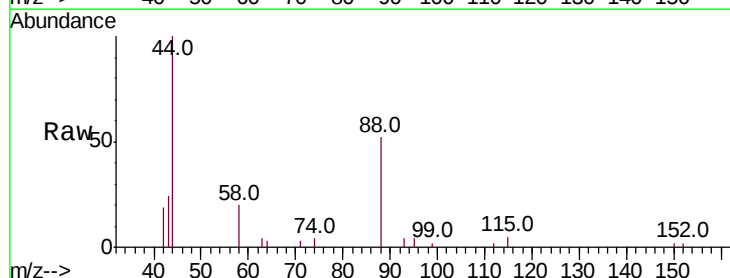
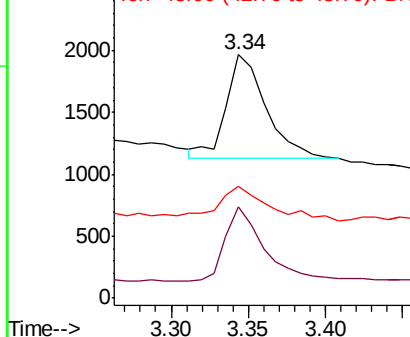
Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	60.9	91.3
43	42.6	23.9	35.9

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





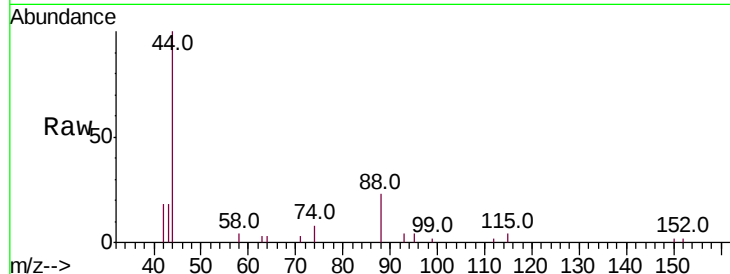
#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.71 min Scan# 84
Delta R.T. 0.02 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

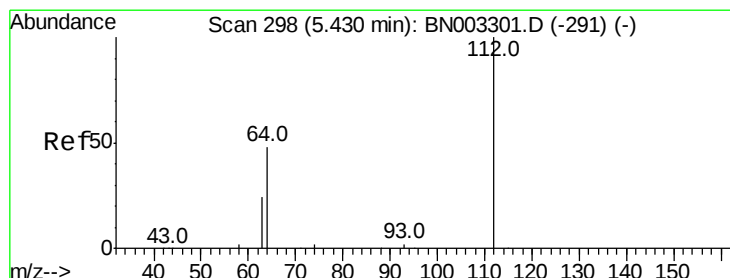
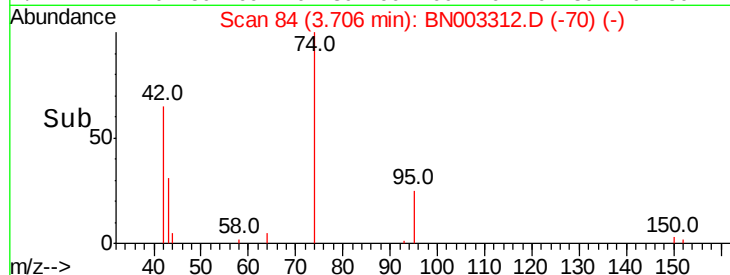
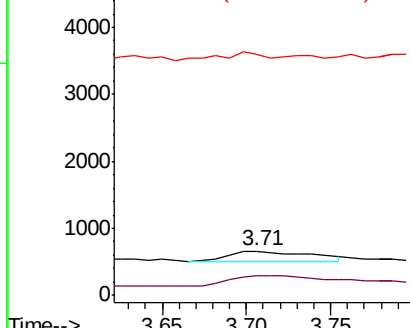
Tot Ion	Ratio	Lower	Upper
42	100		
74	101.1	99.1	148.7
44	45.0	4.2	6.4#

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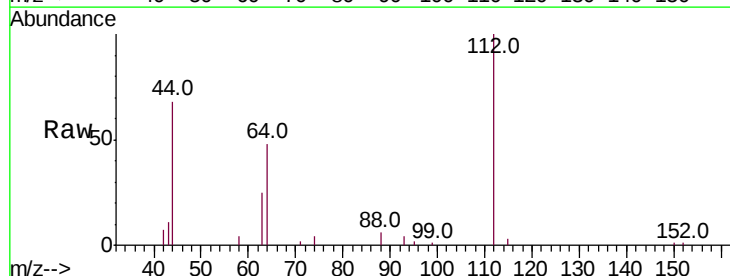


Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC

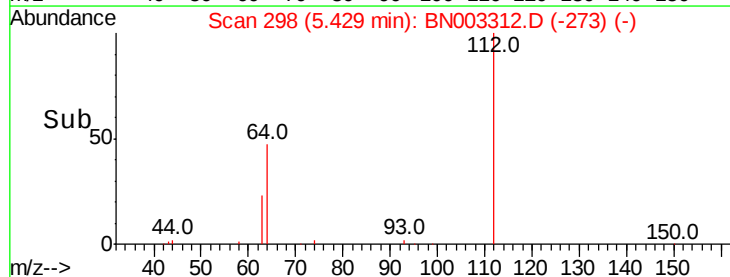
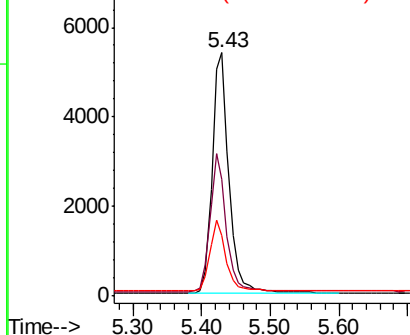


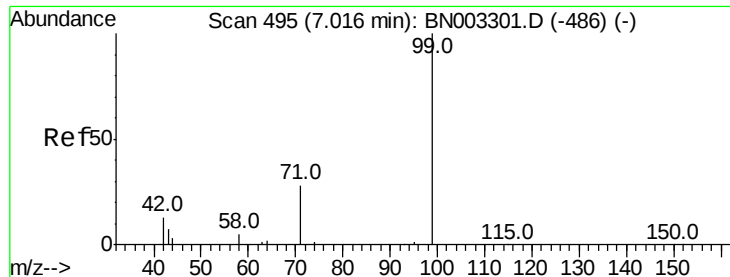
#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.43 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	44.3	66.5
63	28.1	22.4	33.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.300 ng

RT: 7.02 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

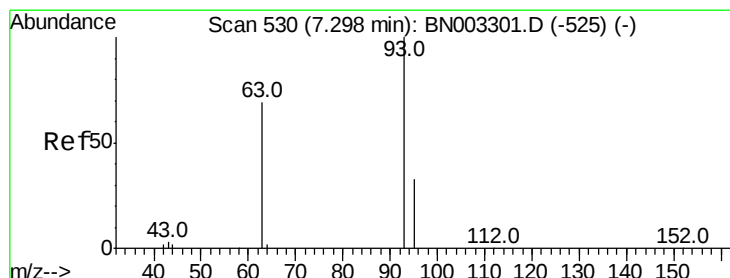
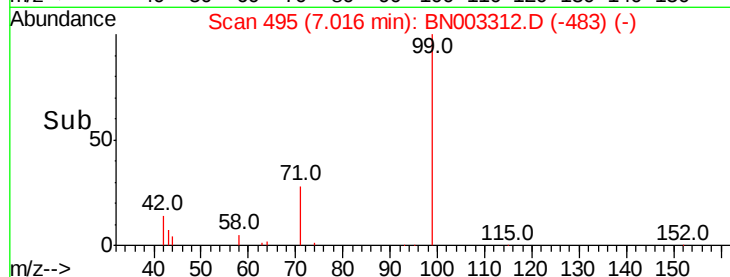
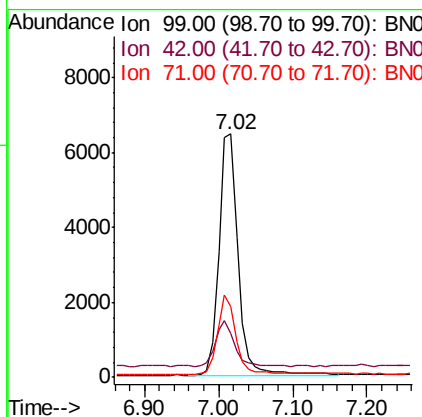
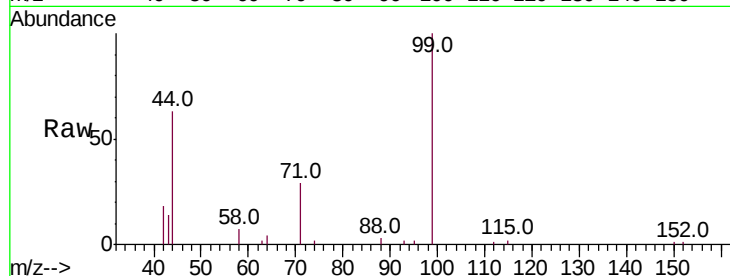
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	99	Resp:	11499
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.8	22.2
71	30.9	24.8	37.2

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#6

bis(2-Chloroethyl)ether

Concen: 0.084 ng

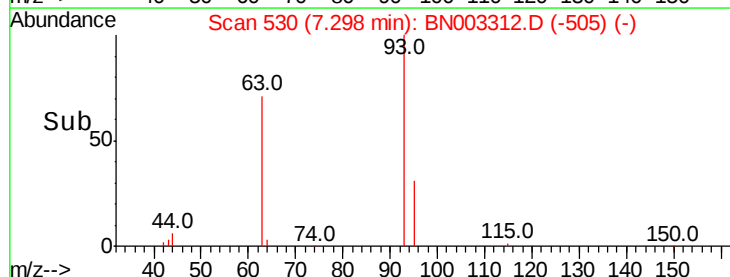
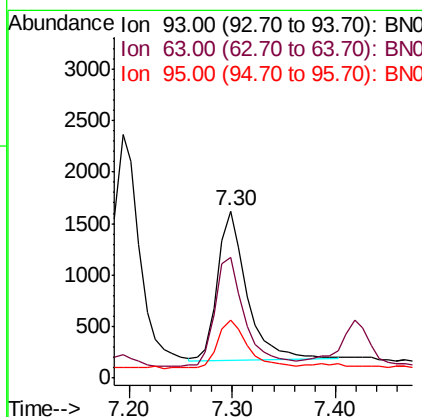
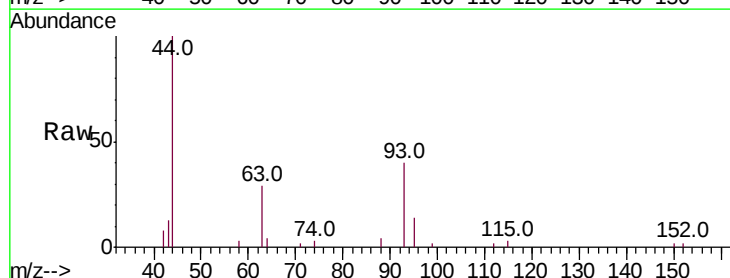
RT: 7.30 min Scan# 530

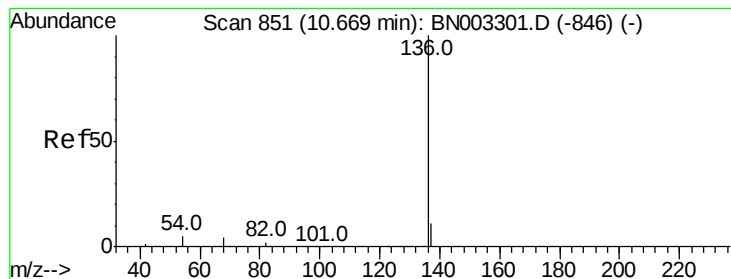
Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	93	Resp:	2860
Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.8	83.6
95	34.8	25.4	38.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

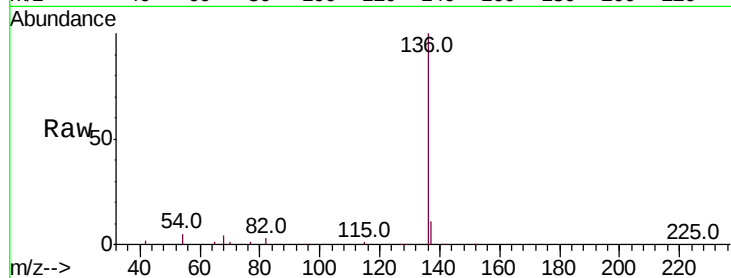
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	136	Resp:	50743
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	5.0	4.1	6.1
68	4.2	3.5	5.3

Manual Integrations
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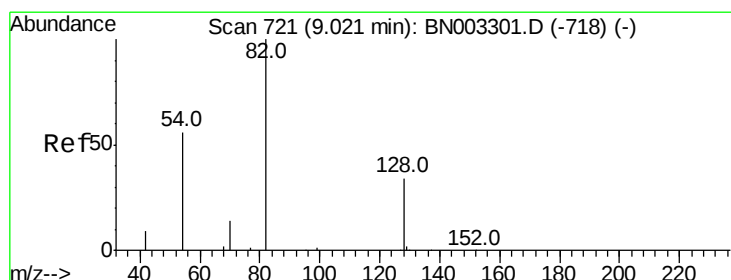
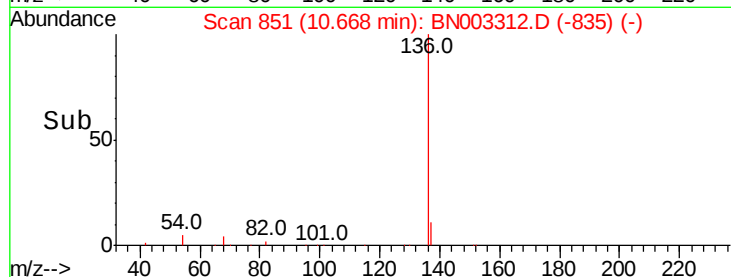
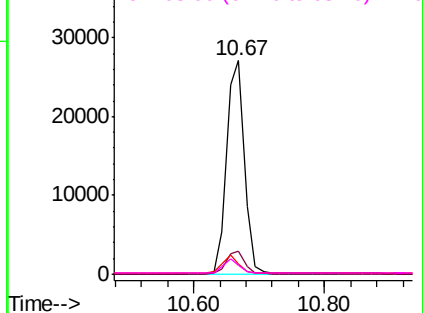
Abundance

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: 0.359 ng

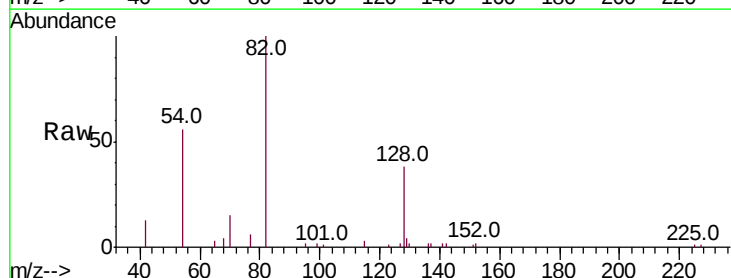
RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	82	Resp:	7970
Ion Ratio	Lower	Upper	
82	100		
128	37.8	28.9	43.3
54	56.2	46.1	69.1

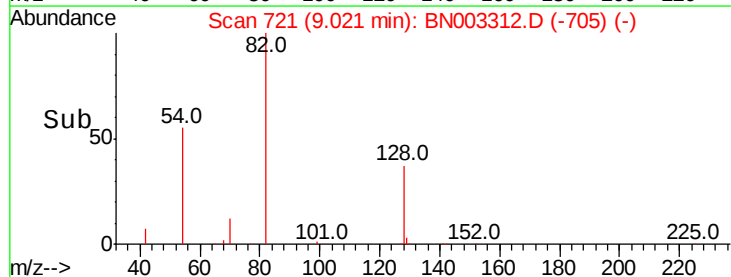
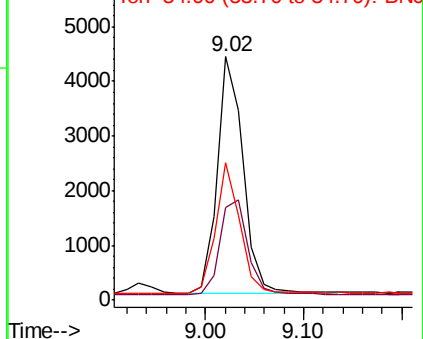


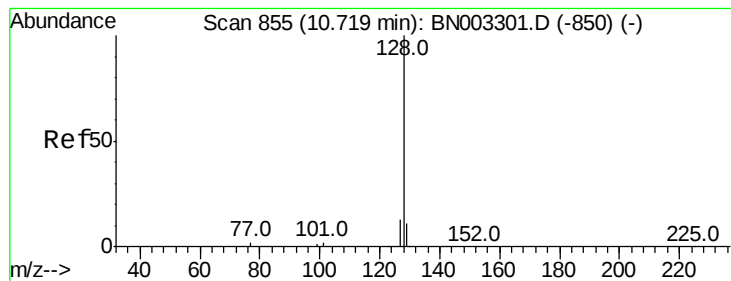
Abundance

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: 0.091 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

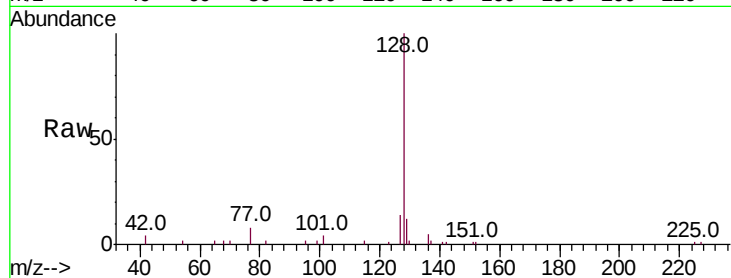
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

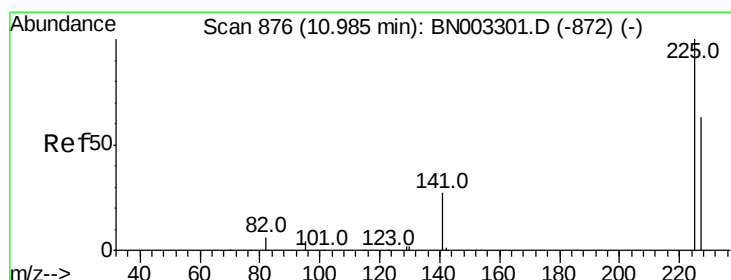
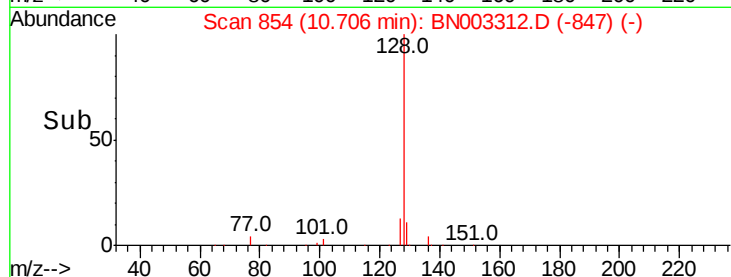
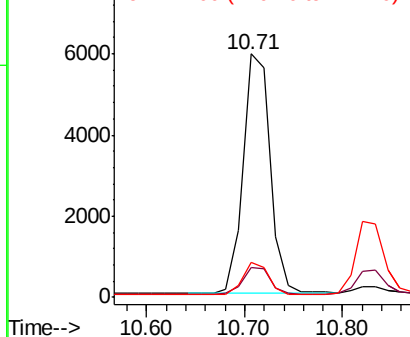
Tot Ion:	128	Resp:	11288
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.1	13.7
127	14.3	10.2	15.4

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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



#10

Hexachlorobutadiene

Concen: 0.093 ng

RT: 10.99 min Scan# 876

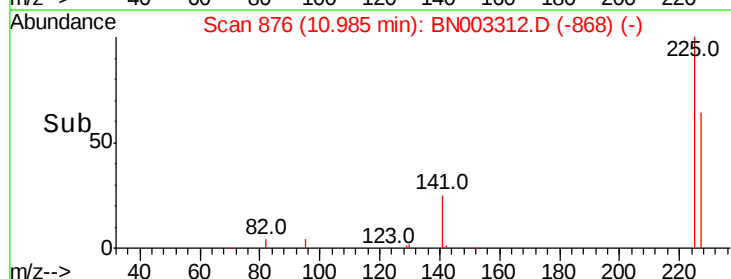
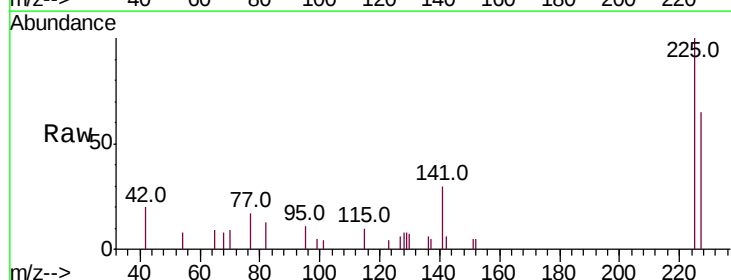
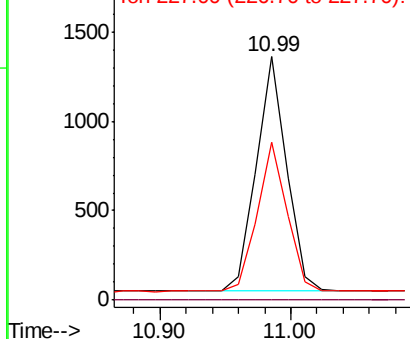
Delta R.T. -0.00 min

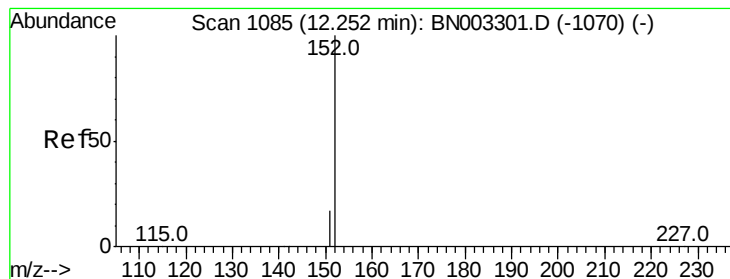
Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	225	Resp:	2099
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.8	51.3	76.9

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 12.25 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:152 Resp: 24922

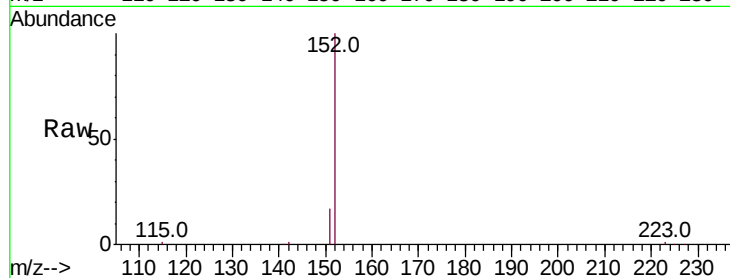
Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7

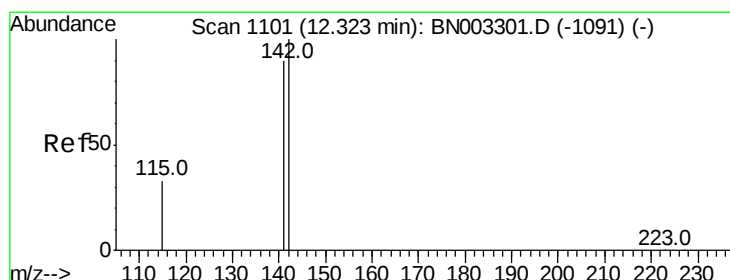
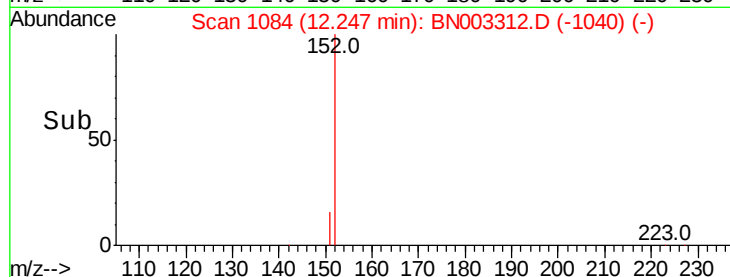
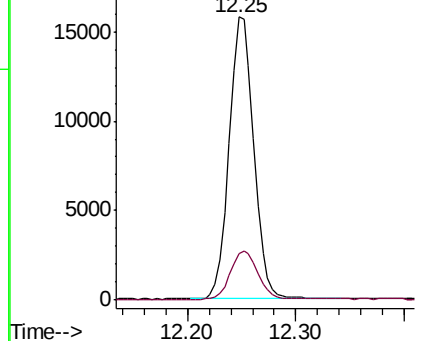
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.089 ng

RT: 12.32 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

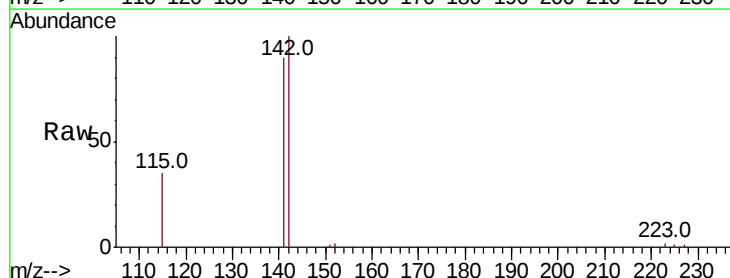
Tgt Ion:142 Resp: 7698

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

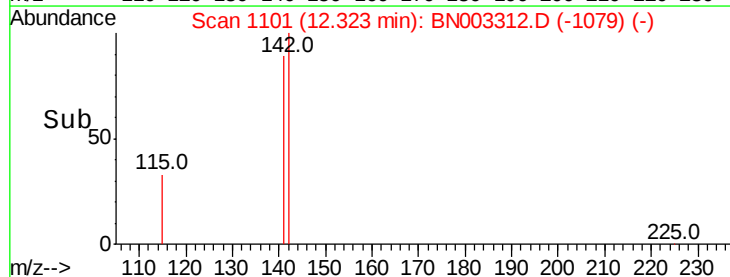
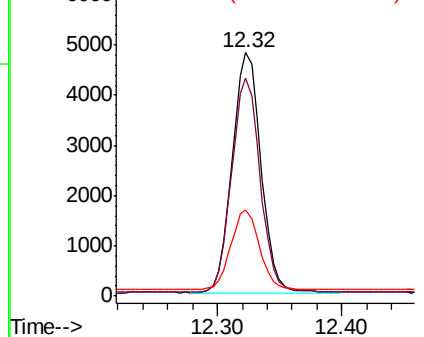
115 35.3 27.0 40.6

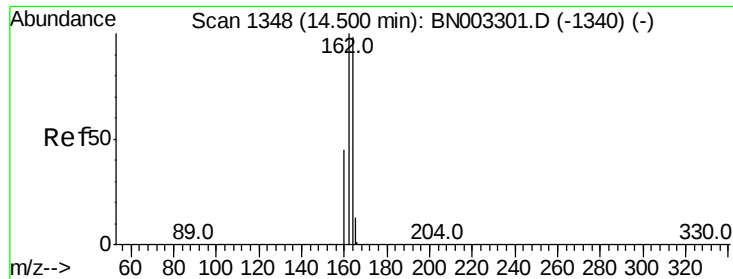


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





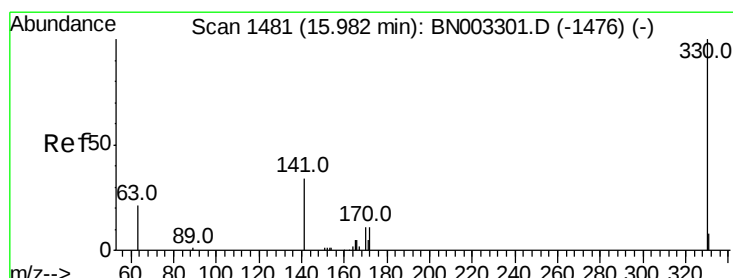
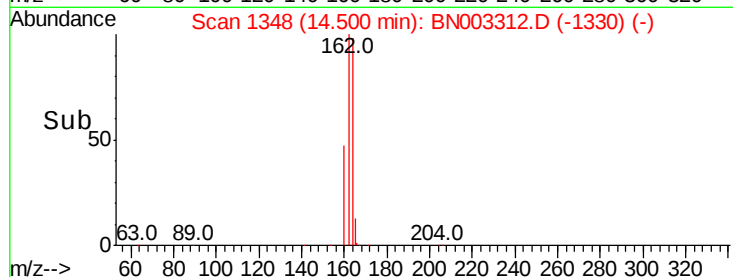
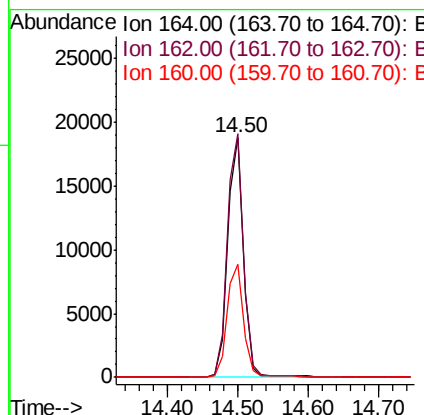
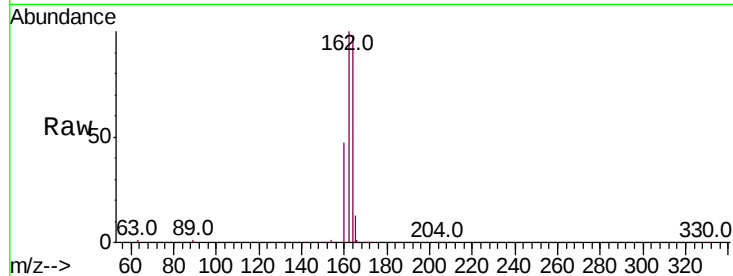
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	47.4	37.2	55.8

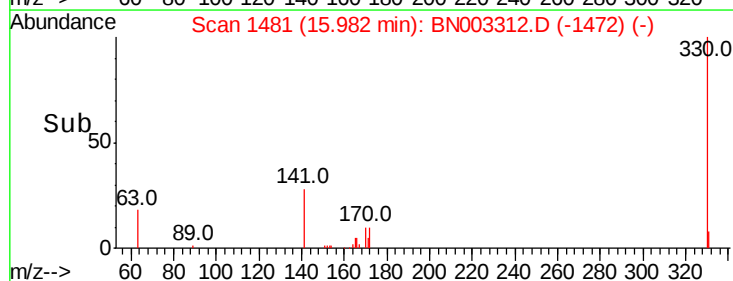
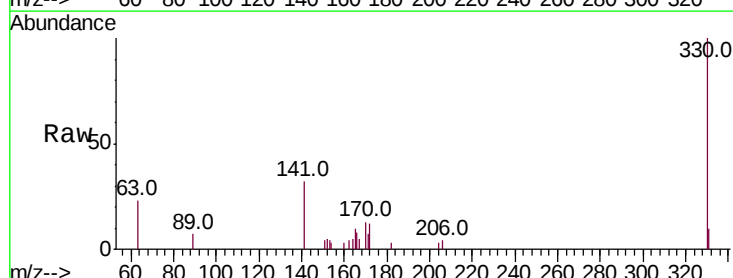
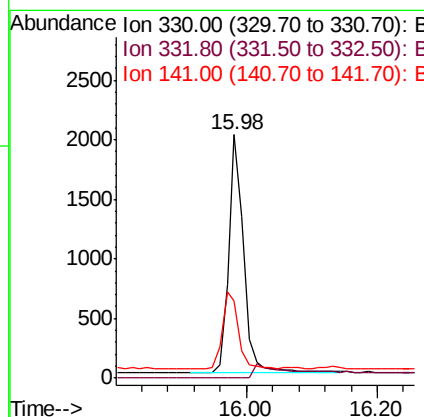
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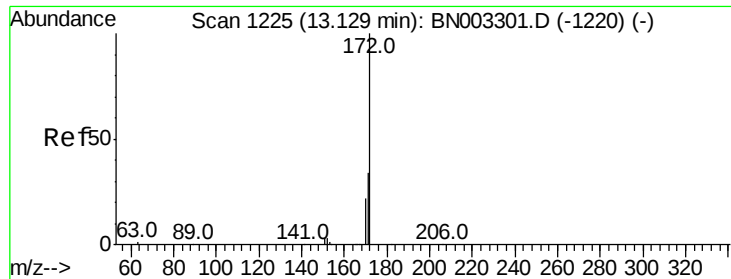
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	28.3	42.5





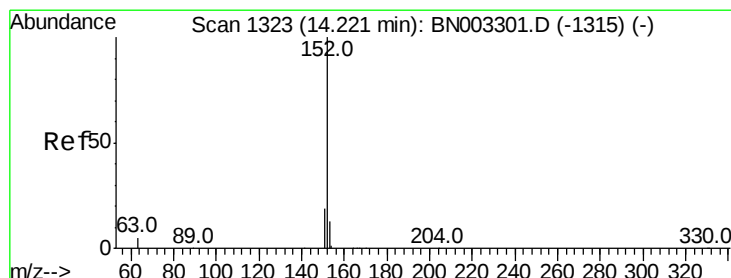
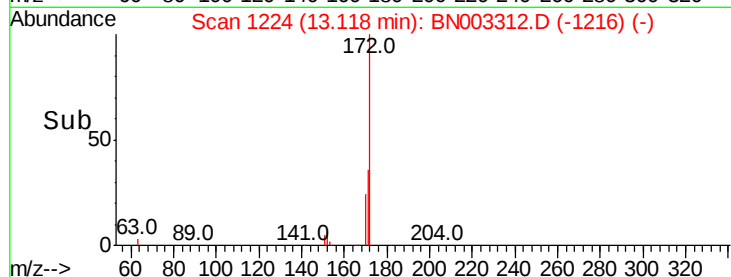
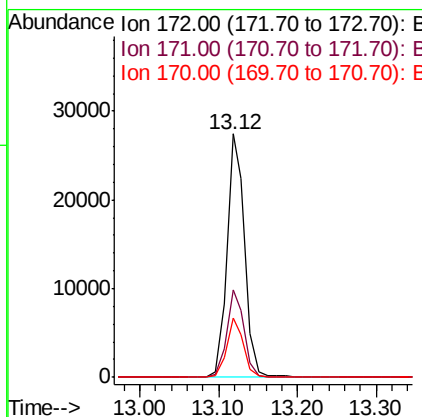
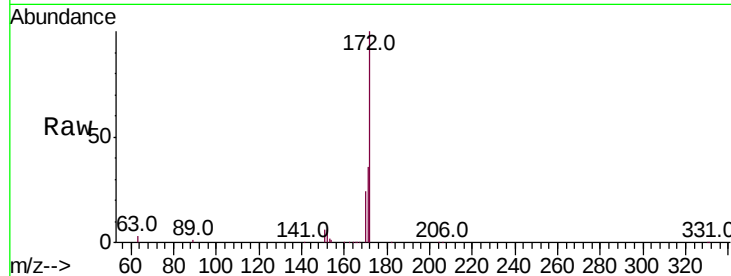
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.1	40.7
170	24.2	17.4	26.0

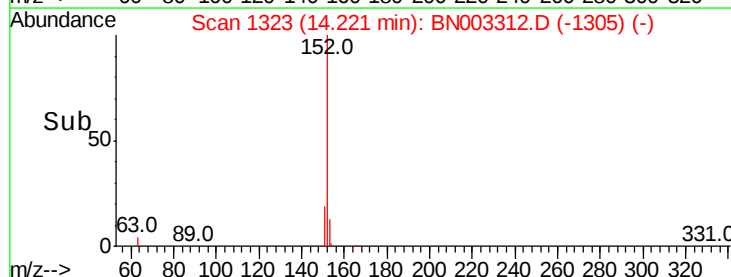
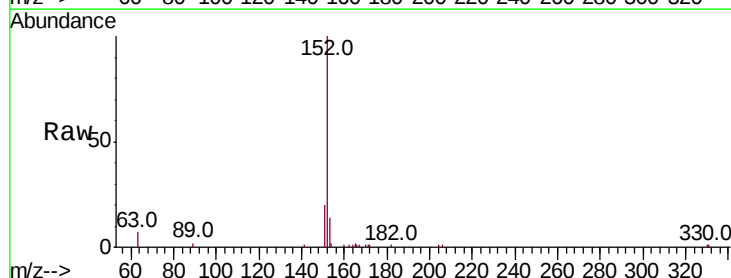
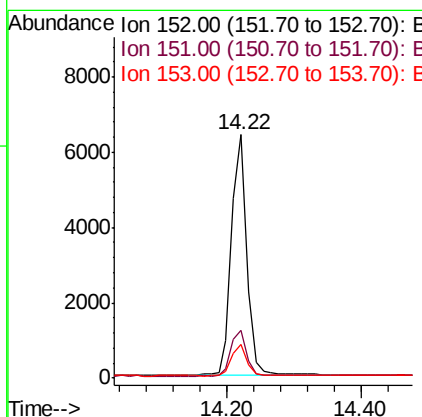
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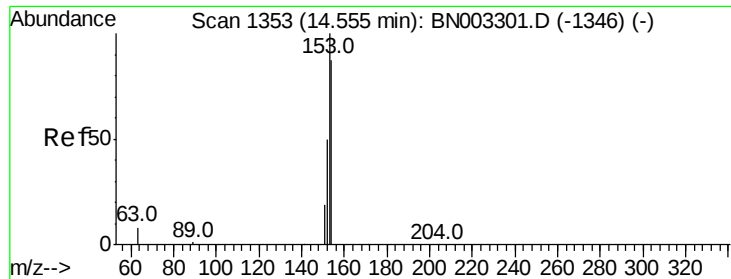
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#16
Acenaphthylene
Concen: 0.079 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.7	10.6	15.8





#17

Acenaphthene

Concen: 0.087 ng

RT: 14.56 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

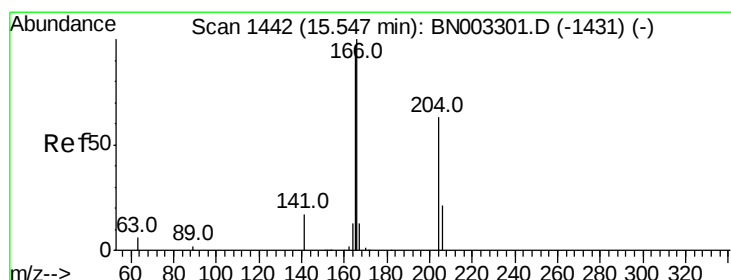
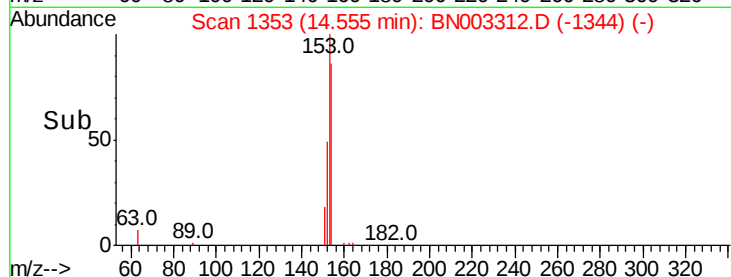
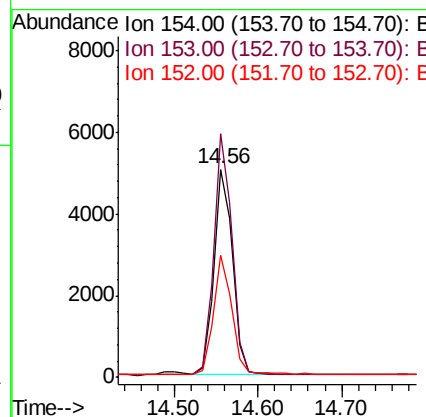
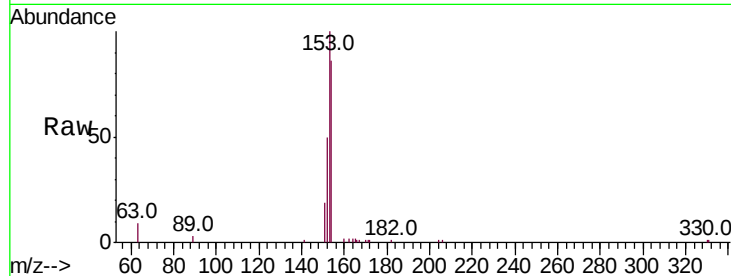
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	154	Resp:	7868
Ion Ratio	Lower	Upper	
154	100		
153	114.2	88.9	133.3
152	57.1	43.5	65.3

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#18

Fluorene

Concen: 0.087 ng

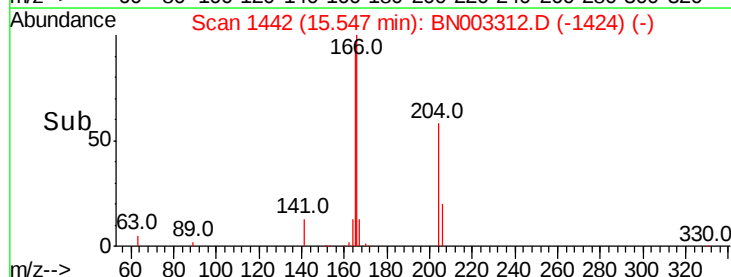
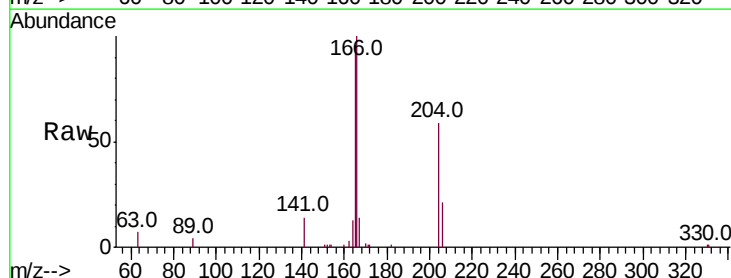
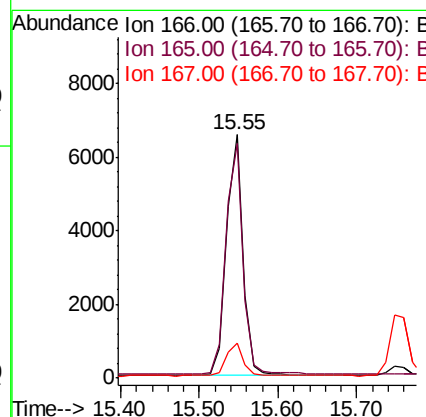
RT: 15.55 min Scan# 1442

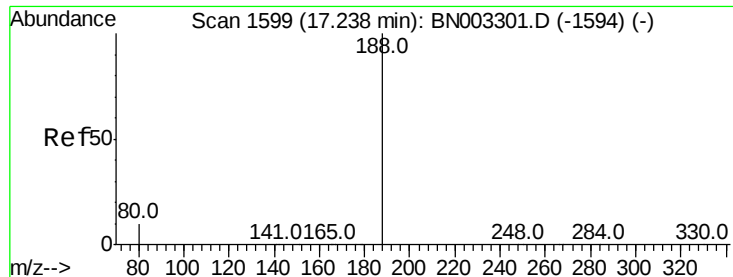
Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	166	Resp:	9821
Ion Ratio	Lower	Upper	
166	100		
165	98.7	77.8	116.8
167	13.7	10.9	16.3





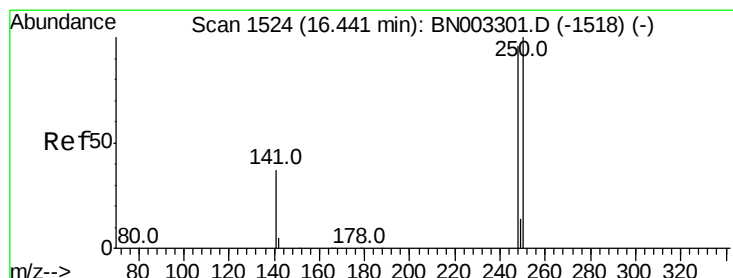
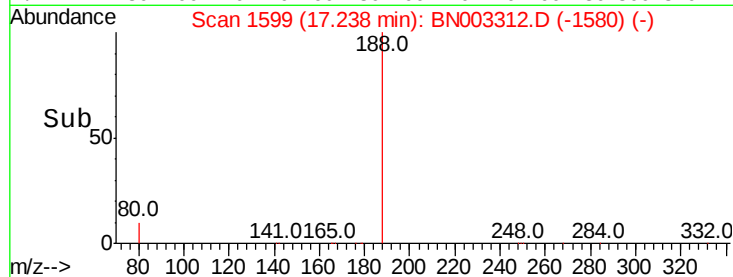
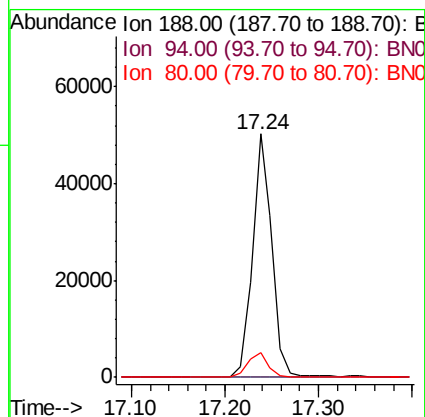
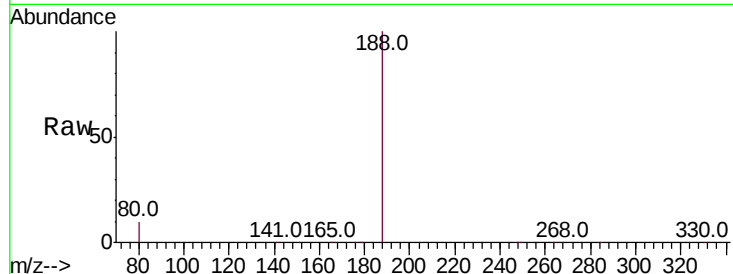
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	188	Resp:	72181
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	8.6	12.8

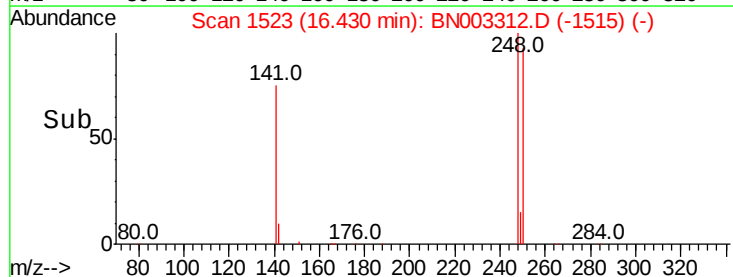
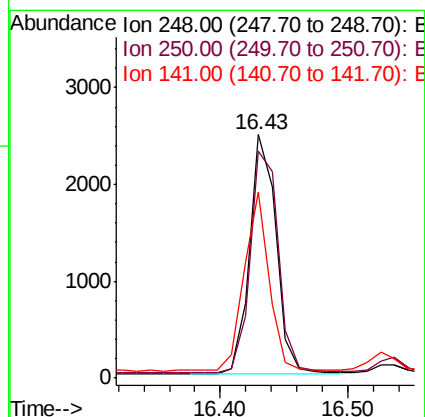
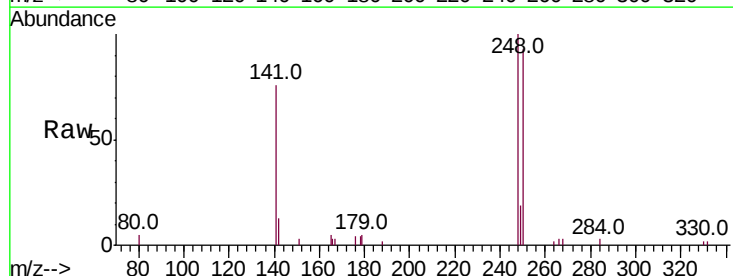
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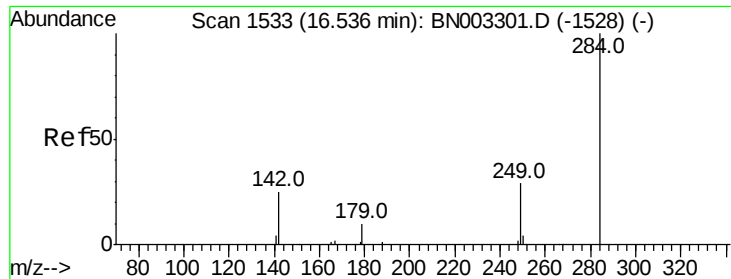
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#20
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion:	248	Resp:	3586
Ion Ratio	Lower	Upper	
248	100		
250	93.4	83.7	125.5
141	76.4	31.4	47.0#





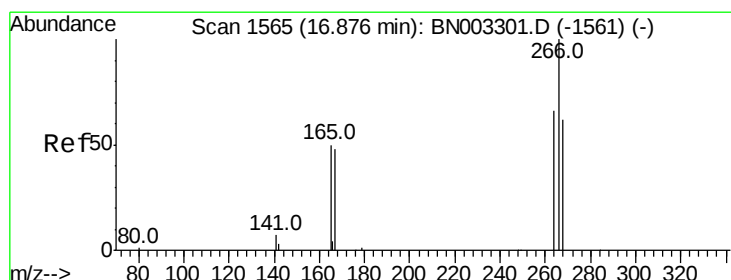
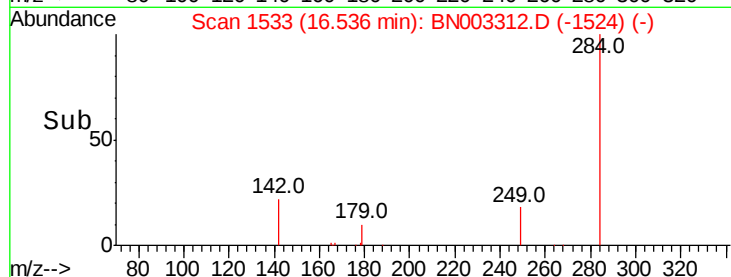
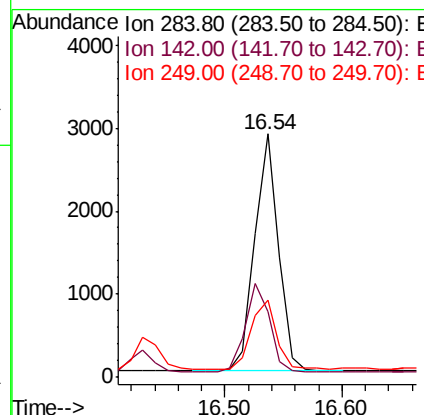
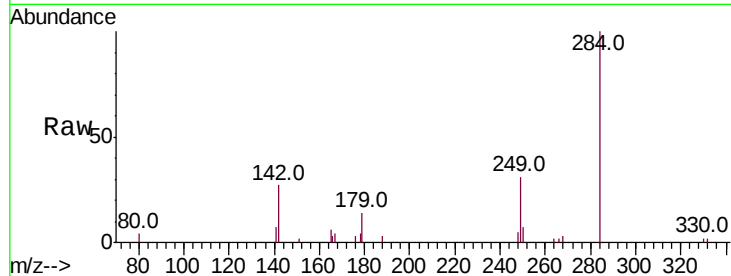
#21
Hexachlorobenzene
Concen: 0.092 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.7	44.5
249	30.6	24.0	36.0

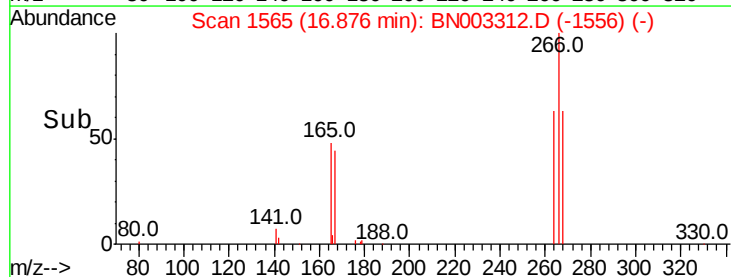
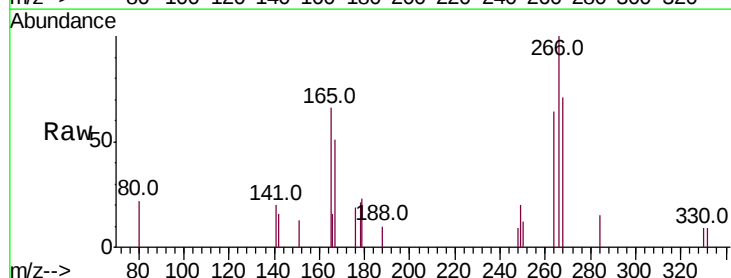
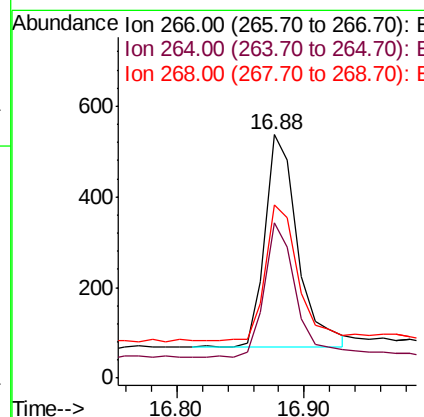
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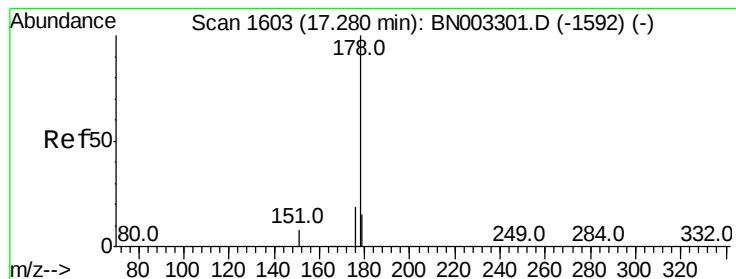
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#22
Pentachlorophenol
Concen: 0.070 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.7	52.1	78.1
268	70.9	51.8	77.6





#23

Phenanthrene

Concen: 0.089 ng

RT: 17.28 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

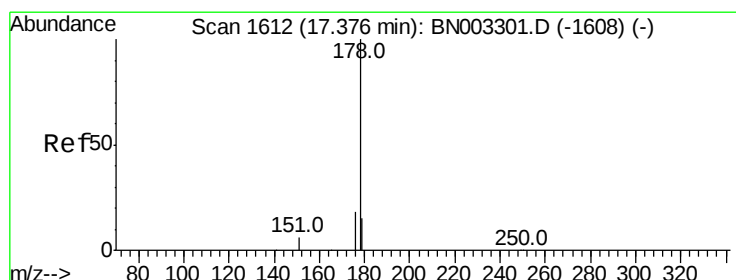
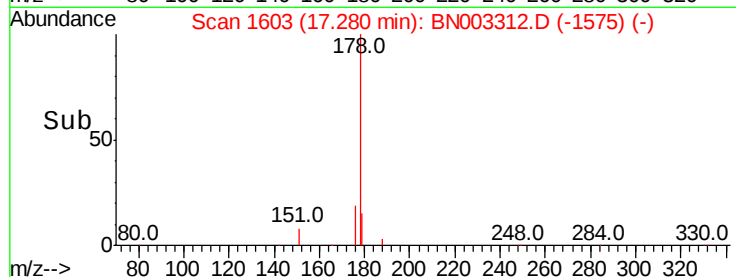
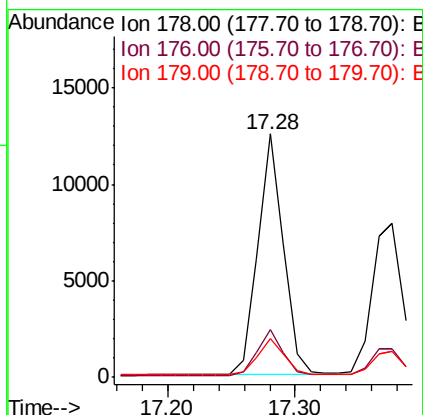
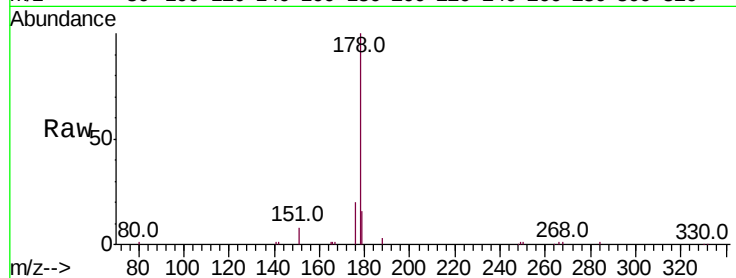
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.8	12.4	18.6

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#24

Anthracene

Concen: 0.078 ng

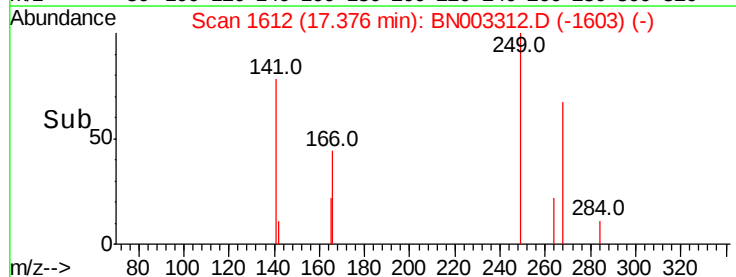
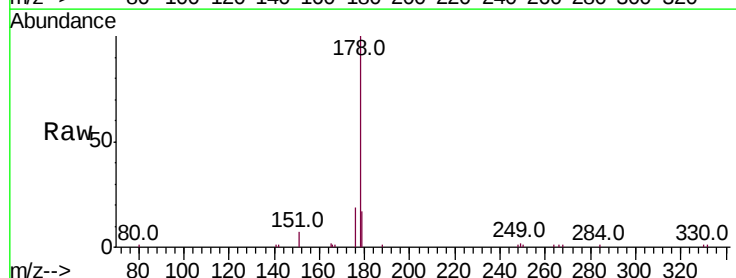
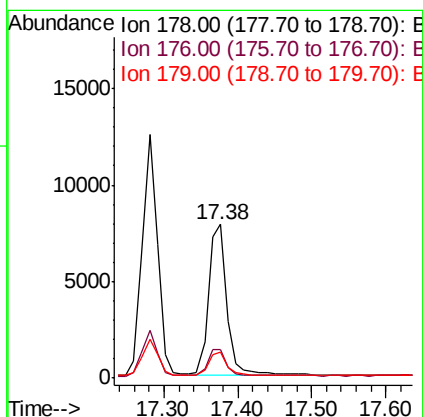
RT: 17.38 min Scan# 1612

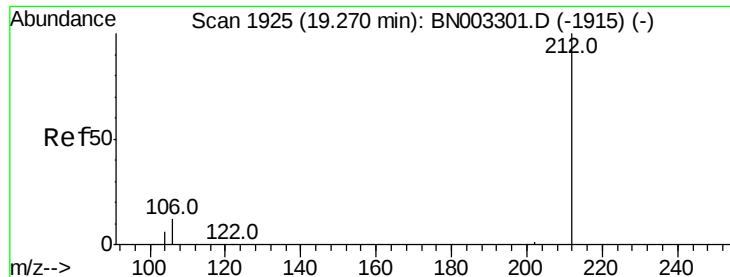
Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.5	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

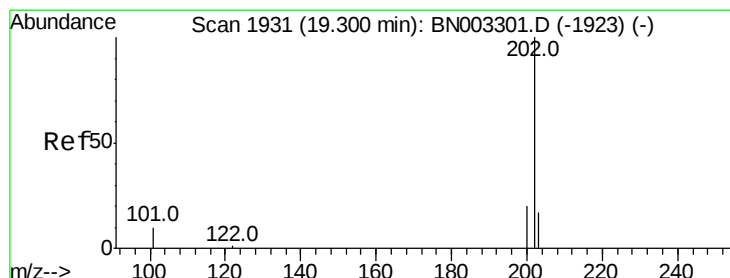
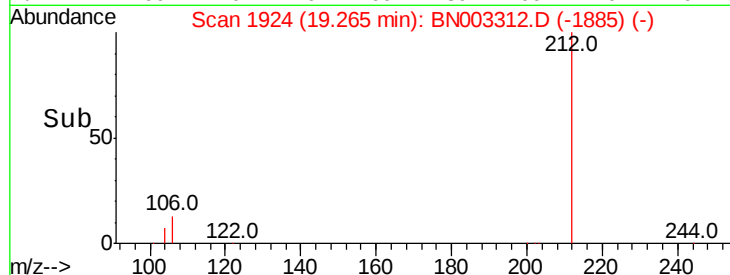
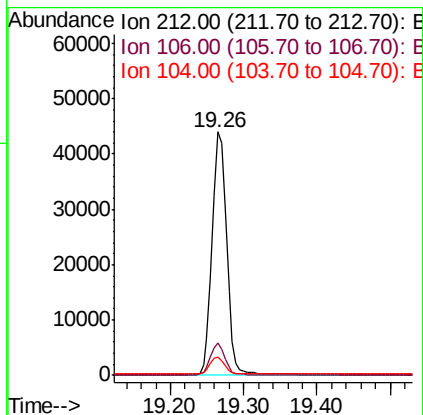
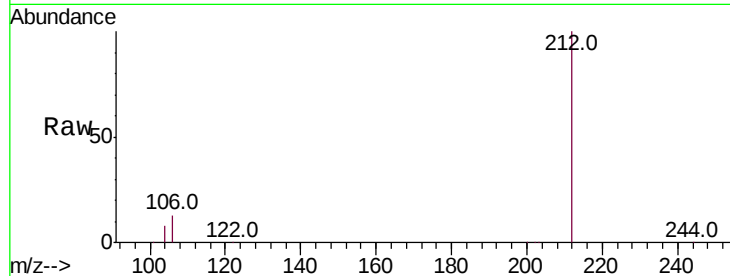
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	212	Resp:	60426
Ion Ratio	Lower	Upper	
212	100		
106	12.7	10.3	15.5
104	7.0	5.6	8.4

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#26

Fluoranthene

Concen: 0.086 ng

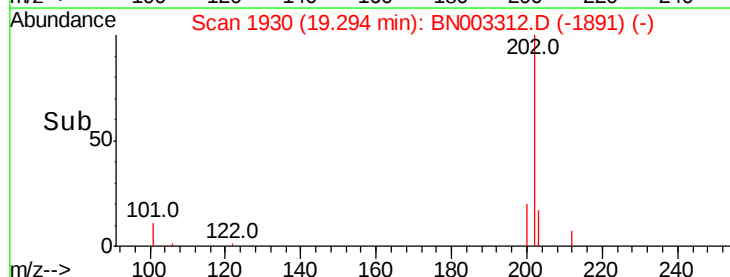
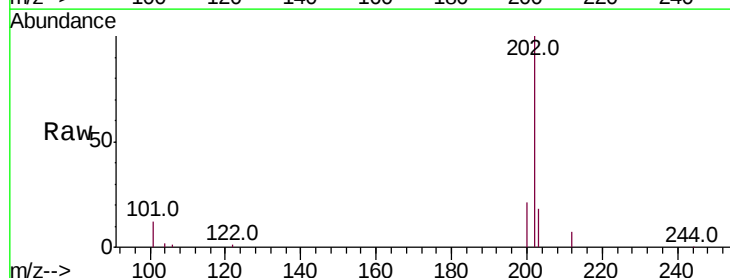
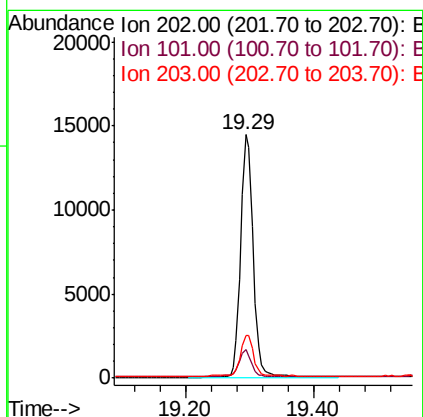
RT: 19.29 min Scan# 1930

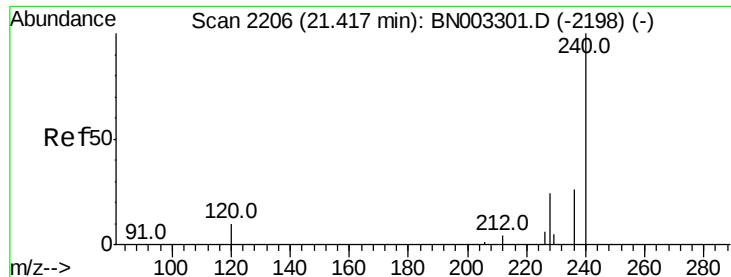
Delta R.T. -0.01 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	202	Resp:	19626
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.0	13.4
203	16.8	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

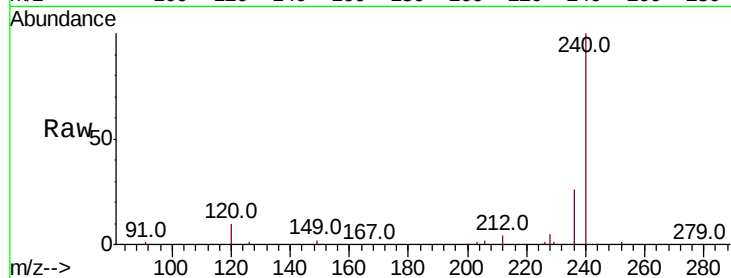
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

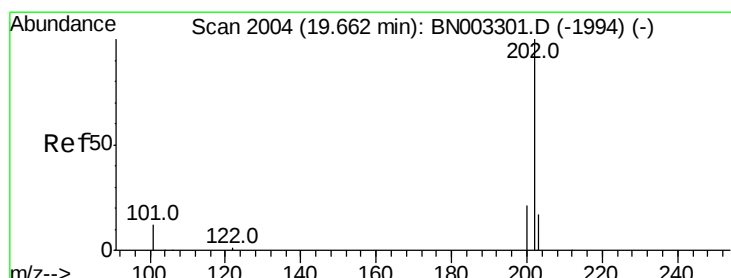
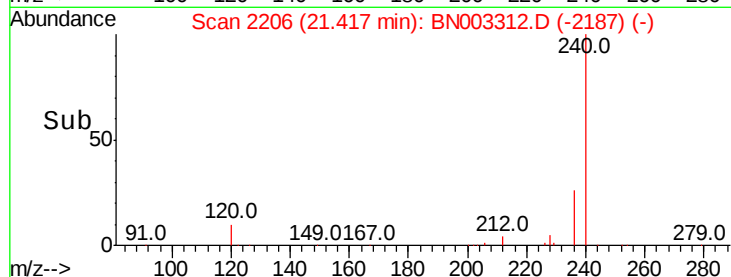
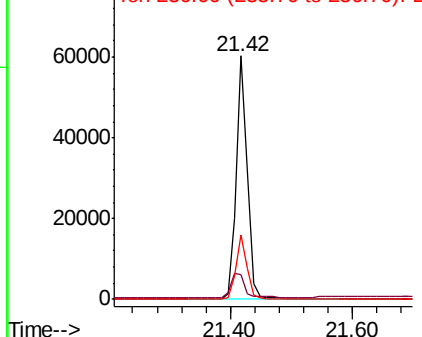
Tot Ion:	240	Resp:	76282
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.3	13.9
236	26.2	21.0	31.4

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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



#28

Pyrene

Concen: 0.091 ng

RT: 19.66 min Scan# 2004

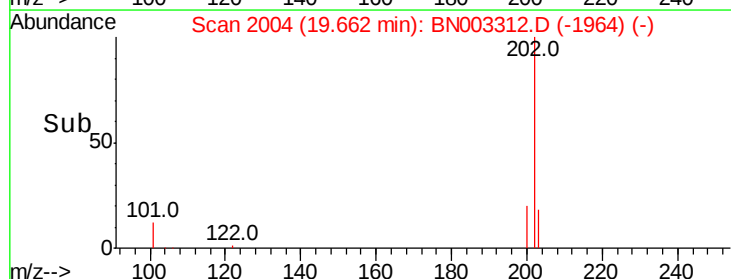
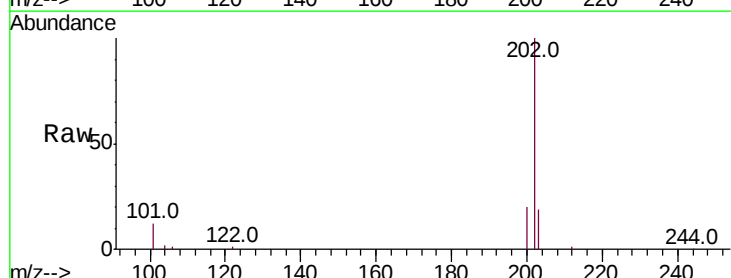
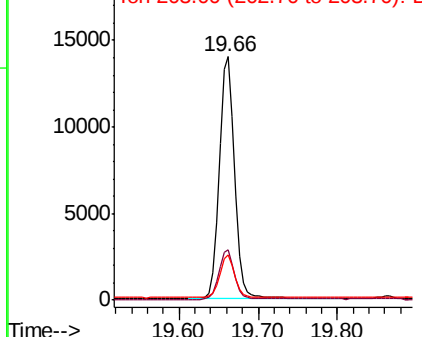
Delta R.T. -0.00 min

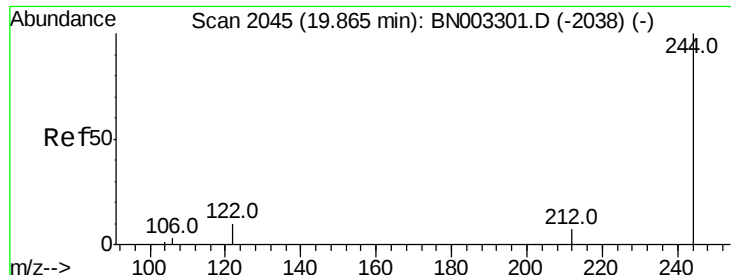
Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	202	Resp:	19230
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	18.0	13.9	20.9

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





#29

Terphenyl-d14

Concen: 0.324 ng

RT: 19.87 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

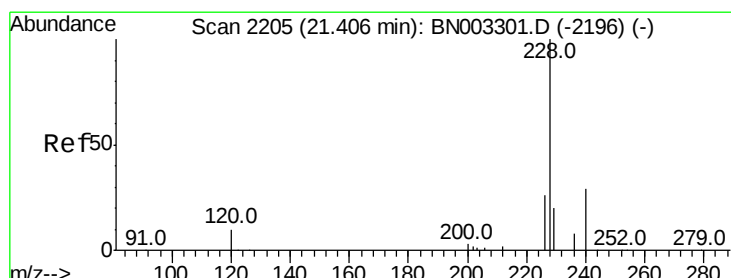
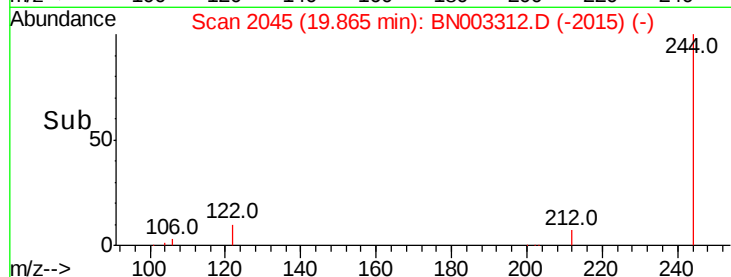
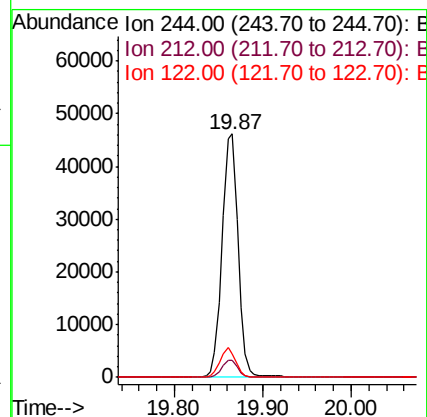
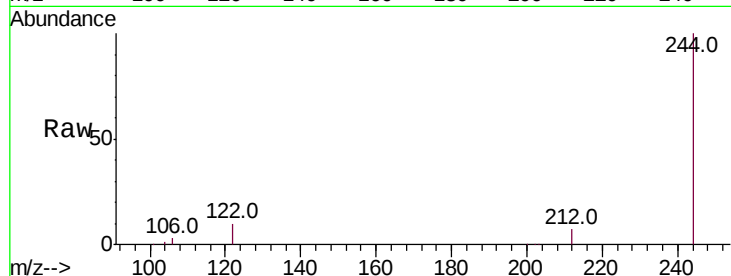
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	9.9	8.5	12.7

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#30

Benzo(a)anthracene

Concen: 0.080 ng

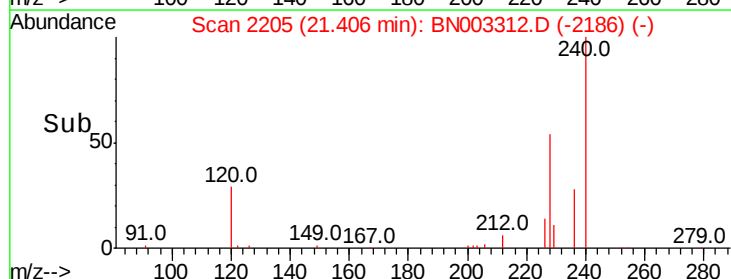
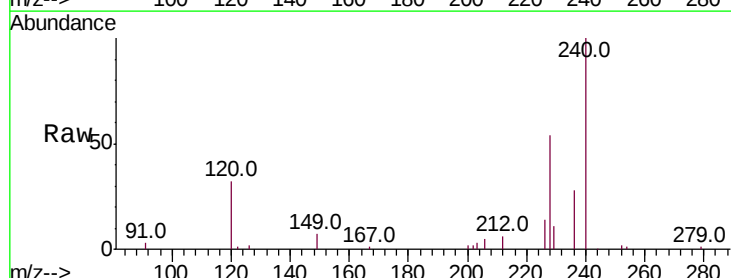
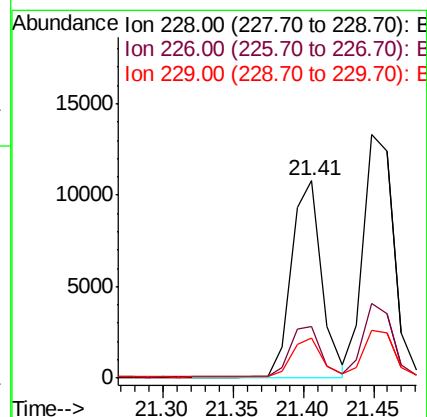
RT: 21.41 min Scan# 2205

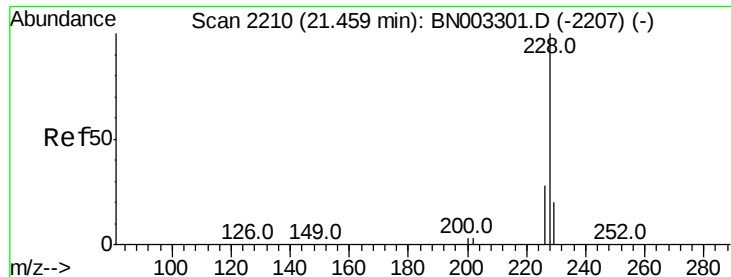
Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.8	31.2
229	20.4	16.1	24.1





#31

Chrysene

Concen: 0.093 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

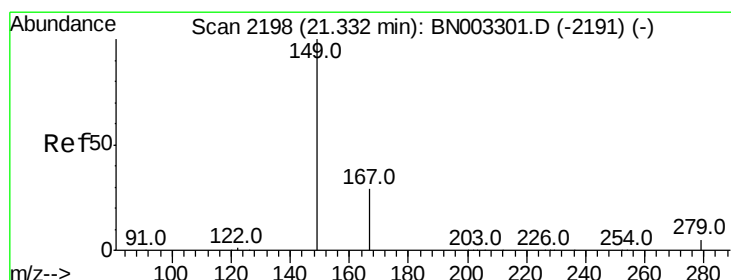
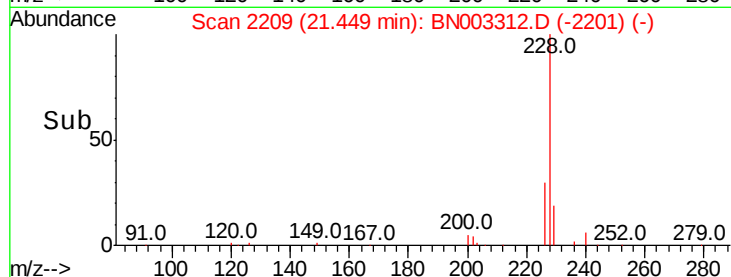
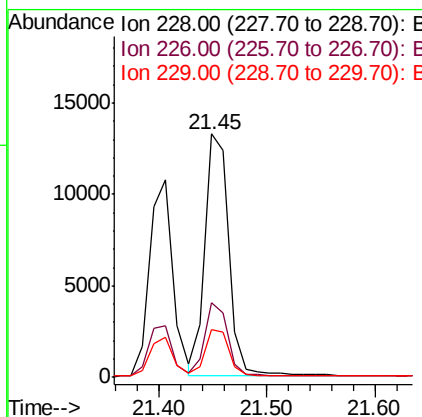
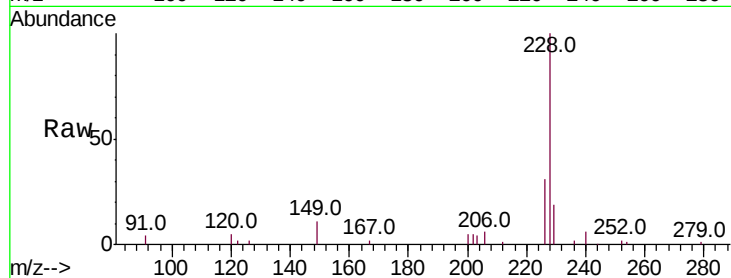
ClientSampleId :

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Tot Ion:	228	Resp:	19971
Ion Ratio	Lower	Upper	
228	100		
226	30.7	22.7	34.1
229	19.5	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.079 ng

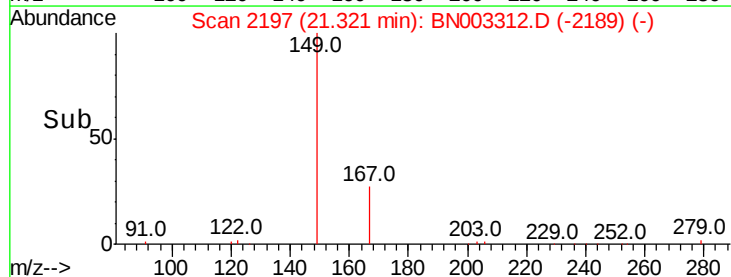
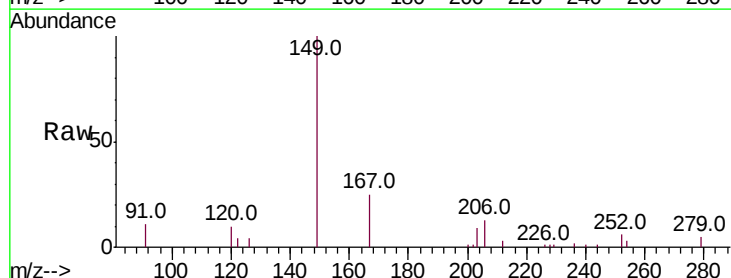
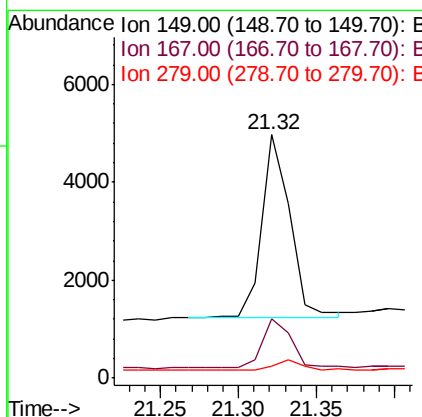
RT: 21.32 min Scan# 2197

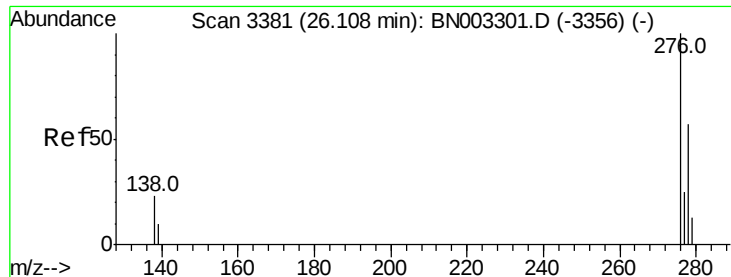
Delta R.T. -0.01 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	149	Resp:	4701
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.4	33.6
279	5.8	3.9	5.9





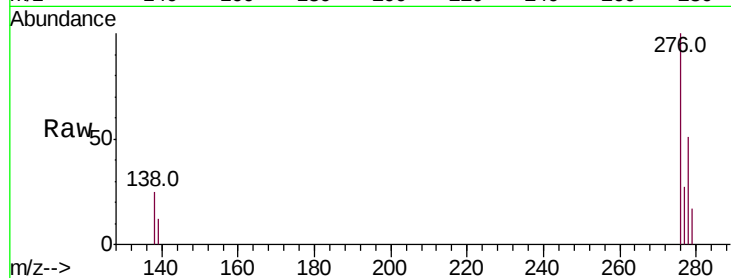
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng
RT: 26.10 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

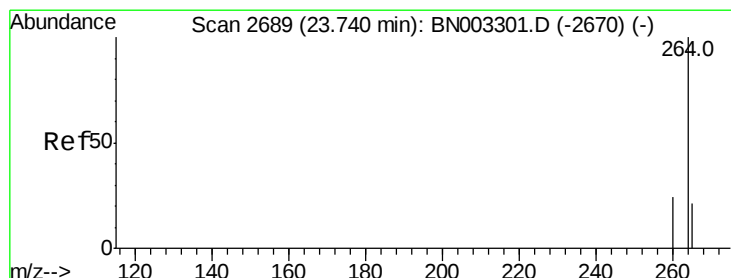
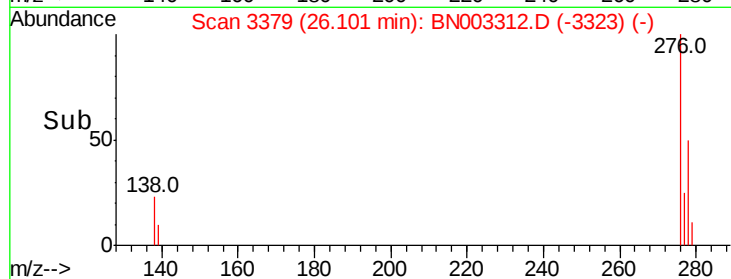
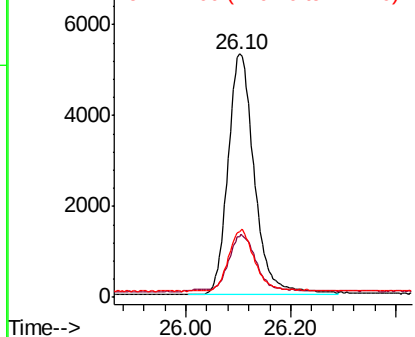
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.6	30.8
277	24.4	20.0	30.0

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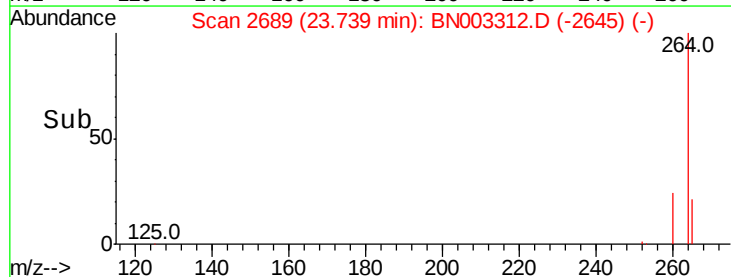
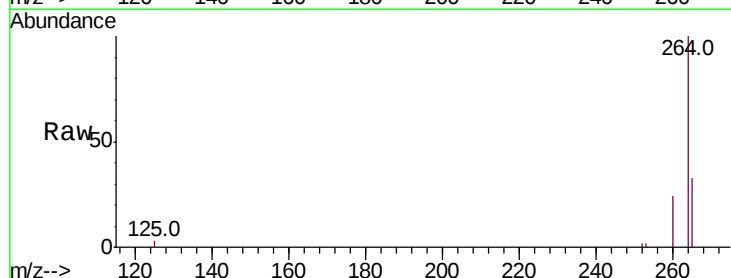
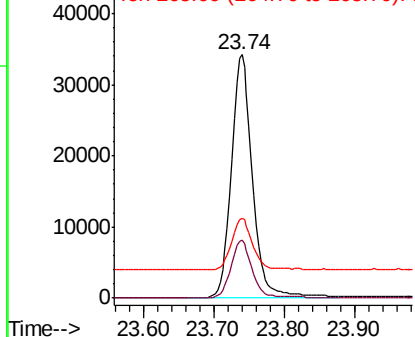
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

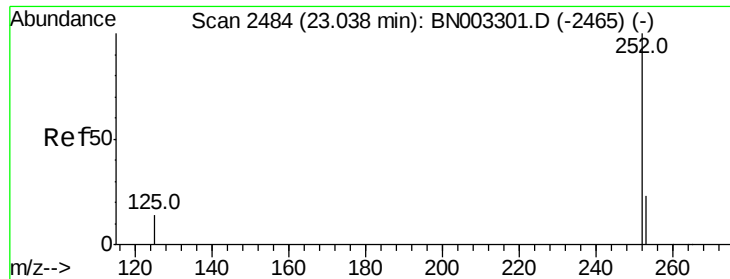


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2689
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	32.8	26.4	39.6

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





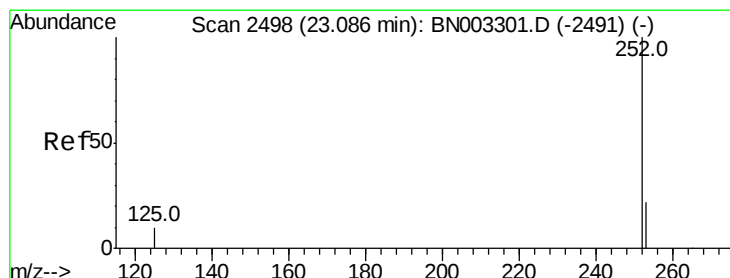
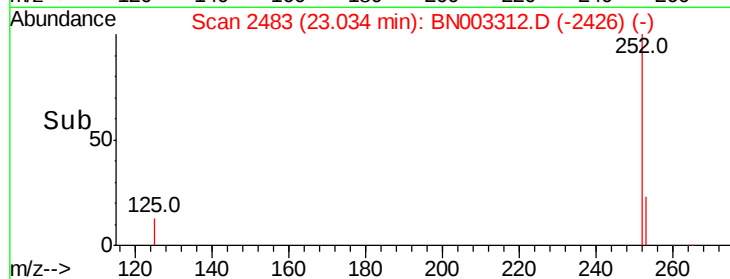
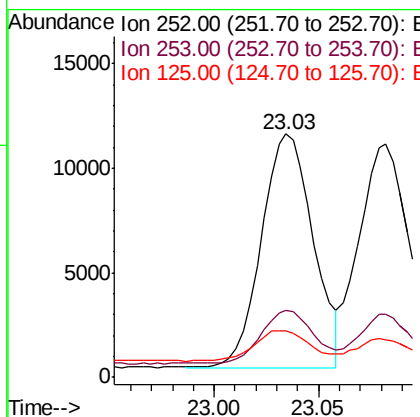
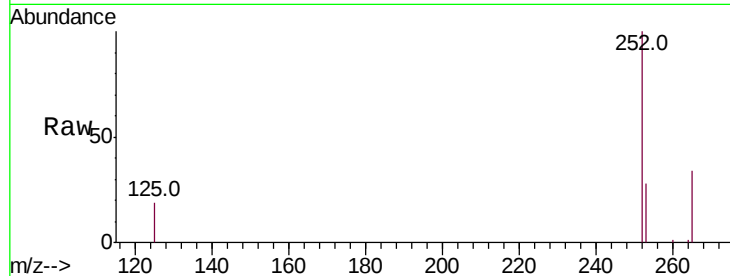
#35
Benzo(b)fluoranthene
Concen: 0.087 ng m
RT: 23.03 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.3	28.9
125	19.3	12.7	19.1#

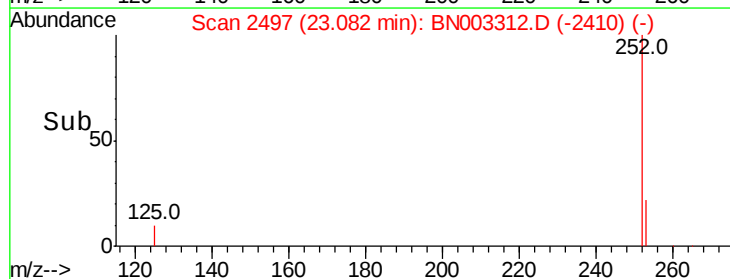
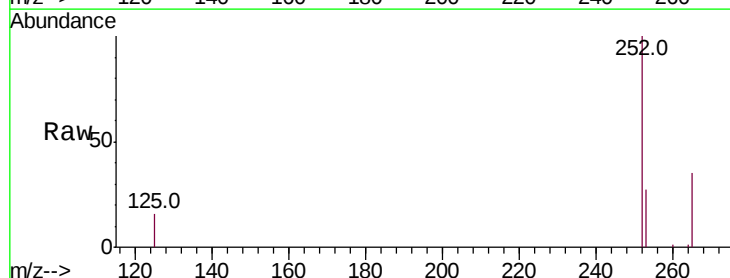
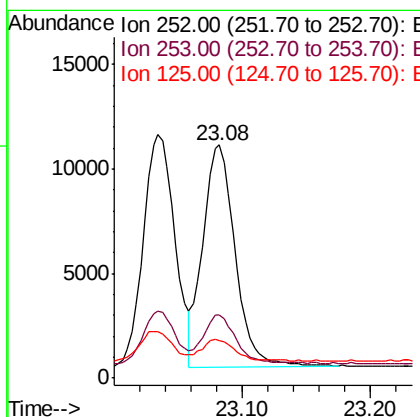
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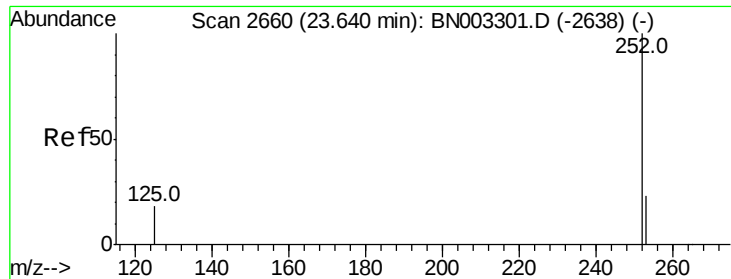
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#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN003312.D
Acq: 26 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.5	27.7
125	16.4	9.1	13.7#





#37

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.64 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

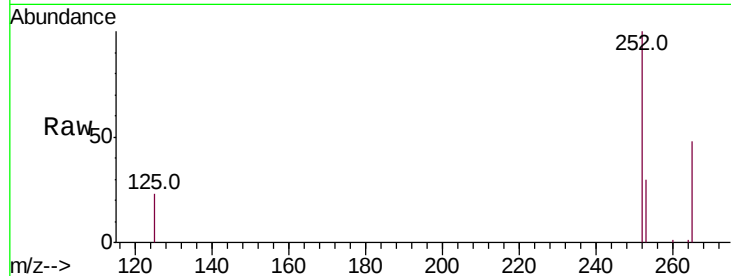
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

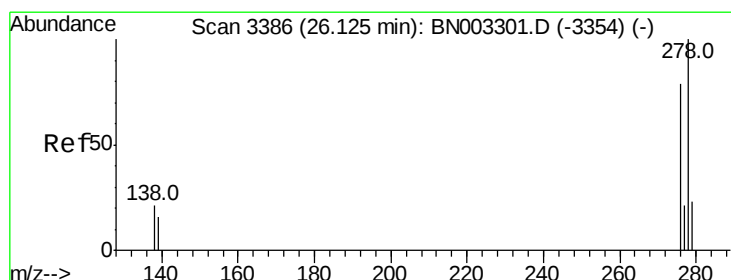
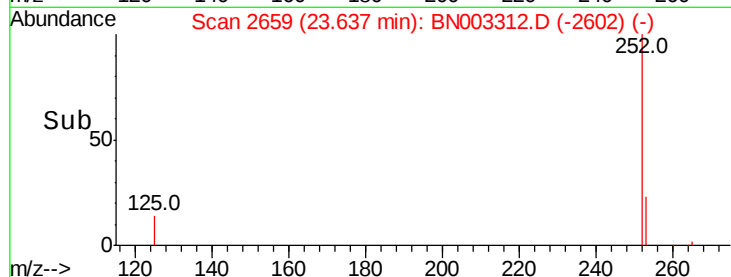
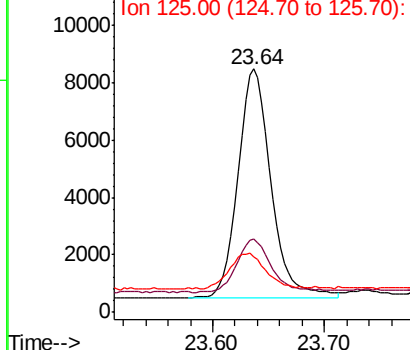
Tot Ion:	252	Resp:	16356
Ion Ratio	Lower	Upper	
252	100		
253	30.0	20.1	30.1
125	23.0	16.0	24.0

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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: 0.080 ng

RT: 26.12 min Scan# 3385

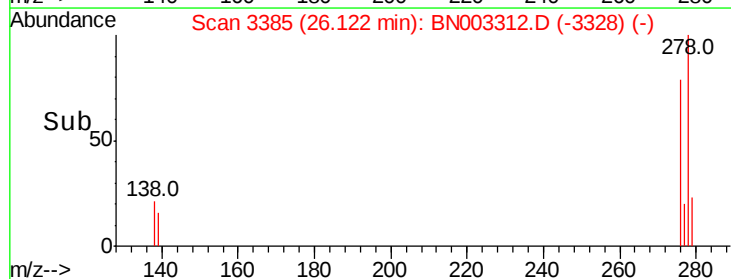
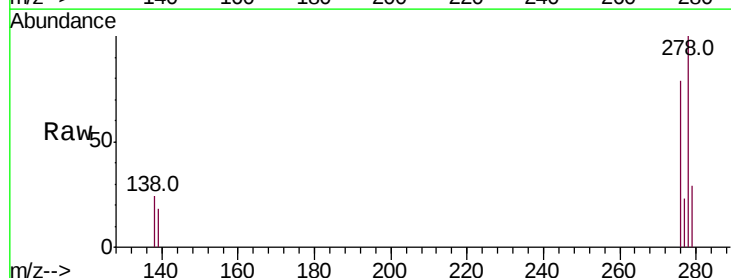
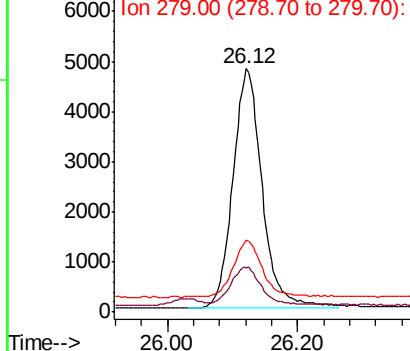
Delta R.T. -0.00 min

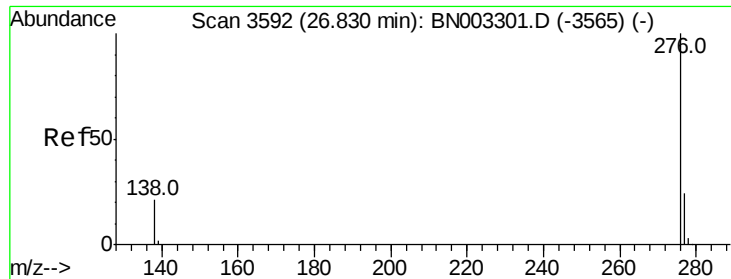
Lab File: BN003312.D

Acq: 26 Oct 2018 19:28

Tgt Ion:	278	Resp:	15024
Ion Ratio	Lower	Upper	
278	100		
139	18.2	13.5	20.3
279	29.4	19.8	29.6

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(a,h,i)perylene

Concen: 0.087 ng

RT: 26.83 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BN003312.D

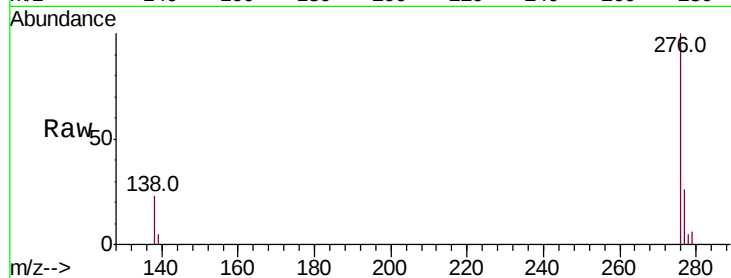
Acq: 26 Oct 2018 19:28

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:	276	Resp:	16274
Ion Ratio	Lower	Upper	
276	100		
277	26.4	19.5	29.3
138	23.3	17.4	26.2

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