

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
 Data File : BN003310.D
 Acq On : 26 Oct 2018 18:17
 Operator : MJ/SJ
 Sample : J5164-01
 Misc : 0.1 PPM LOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Manual Integrations
 APPROVED

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 10/29/2018 4:49:31 PM

Quant Time: Oct 29 16:38:24 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	12264	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	51363	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	30370	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	76951	0.40	ng	0.00
27) Chrysene-d12	21.42	240	80037	0.40	ng	0.00
34) Perylene-d12	23.74	264	71557	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	9449	0.31	ng	0.00
5) Phenol-d6	7.01	99	11774	0.31	ng	0.00
8) Nitrobenzene-d5	9.02	82	7751	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	25807	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	3215	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	42291	0.32	ng	-0.01
25) Fluoranthene-d10	19.26	212	64250	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	57786	0.31	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.34	88	1574	0.099	ng	92
3) n-Nitrosodimethylamine	3.70	42	481	0.066	ng	# 89
6) bis(2-Chloroethyl)ether	7.30	93	2936	0.086	ng	93
9) Naphthalene	10.71	128	11598	0.092	ng	98
10) Hexachlorobutadiene	10.99	225	2130	0.093	ng	# 98
12) 2-Methylnaphthalene	12.32	142	7869	0.090	ng	99
16) Acenaphthylene	14.22	152	10640	0.079	ng	100
17) Acenaphthene	14.56	154	8186	0.087	ng	98
18) Fluorene	15.55	166	10247	0.087	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	3816	0.086	ng	# 78
21) Hexachlorobenzene	16.54	284	4213	0.090	ng	99
22) Pentachlorophenol	16.88	266	959	0.075	ng	96
23) Phenanthrene	17.28	178	18524	0.088	ng	100
24) Anthracene	17.38	178	14240	0.079	ng	99
26) Fluoranthene	19.29	202	20796	0.086	ng	100
28) Pyrene	19.66	202	20481	0.093	ng	100
30) Benzo(a)anthracene	21.41	228	16735	0.080	ng	99
31) Chrysene	21.45	228	20950	0.093	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	5117	0.082	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.10	276	18667	0.080	ng	97
35) Benzo(b)fluoranthene	23.03	252	19803m	0.089	ng	
36) Benzo(k)fluoranthene	23.08	252	19355	0.088	ng	# 90
37) Benzo(a)pyrene	23.64	252	17027	0.084	ng	# 91
38) Dibenzo(a,h)anthracene	26.12	278	14900	0.079	ng	93
39) Benzo(g,h,i)perylene	26.83	276	16345	0.086	ng	96

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

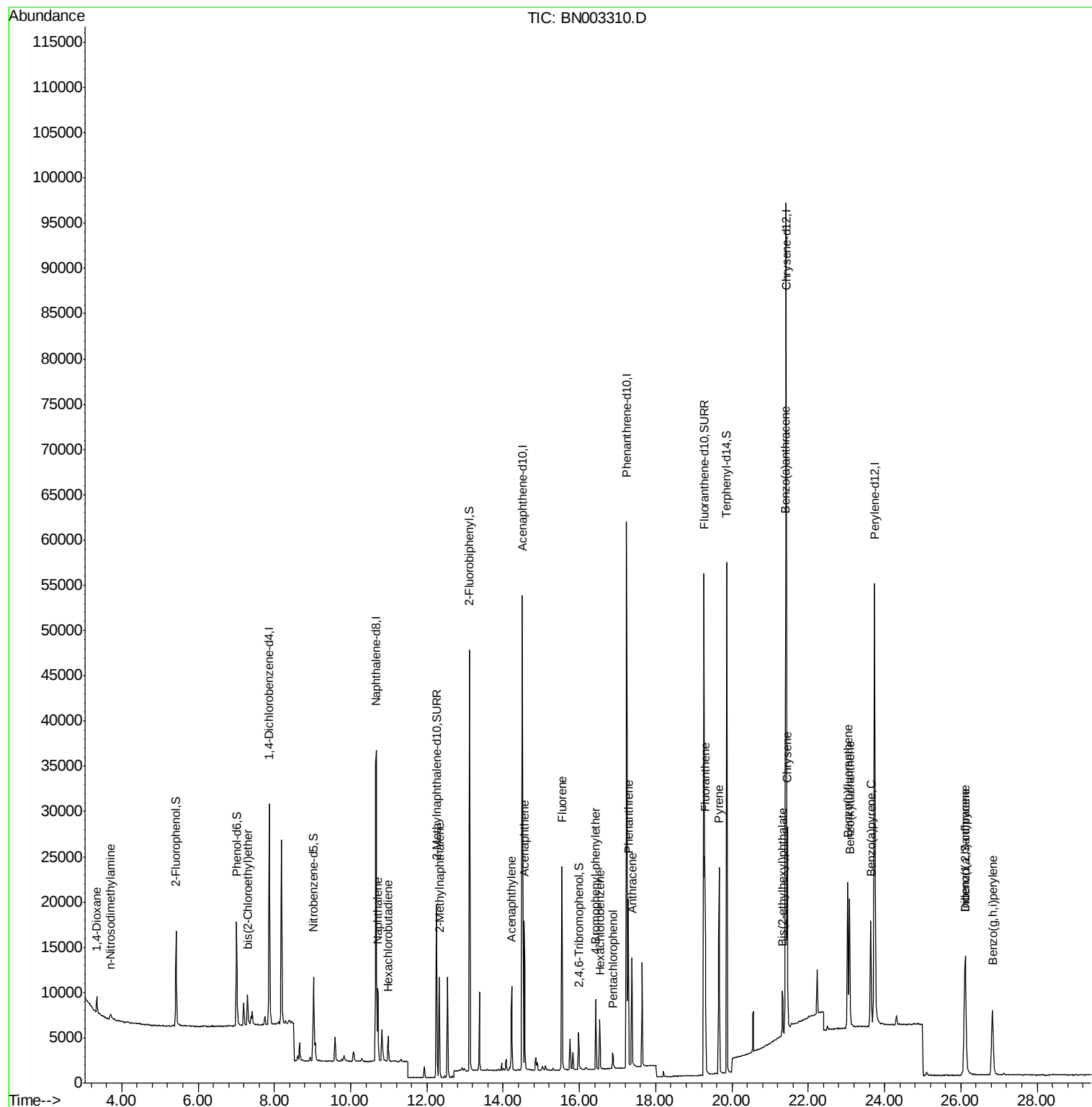
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003310.D
Acq On : 26 Oct 2018 18:17
Operator : MJ/SJ
Sample : J5164-01
Misc : 0.1 PPM LOD
ALS Vial : 5 Sample Multiplier: 1

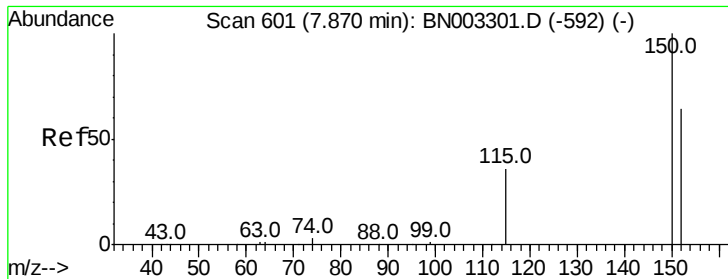
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Manual Integrations
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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
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#1

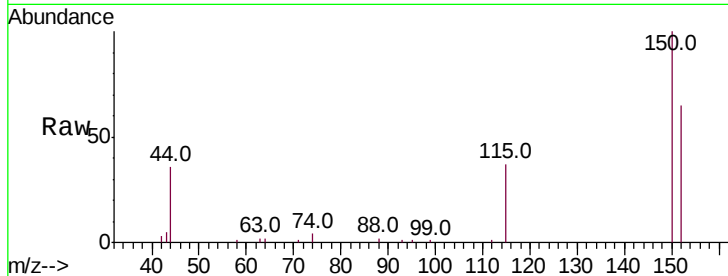
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	187.0
115	57.0	46.4	69.6

Manual Integrations
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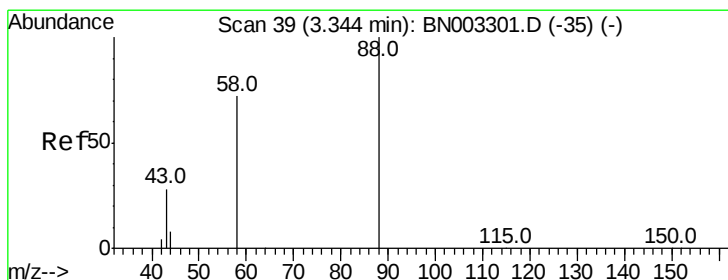
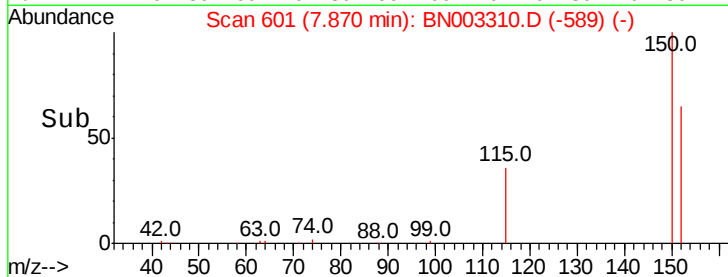
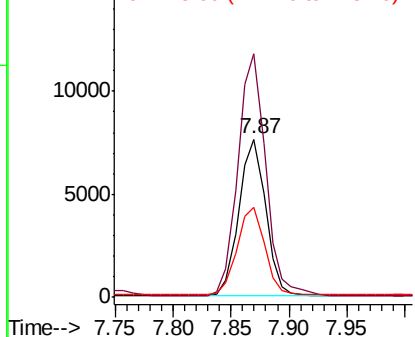


Abundance

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: 0.099 ng
RT: 3.34 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

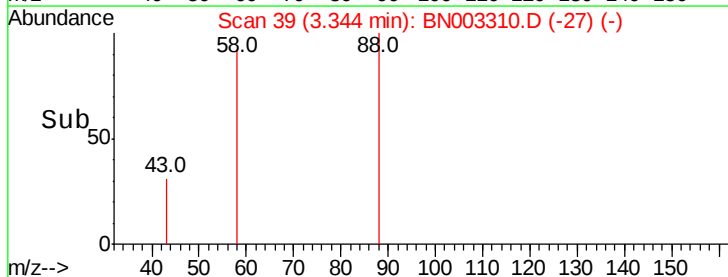
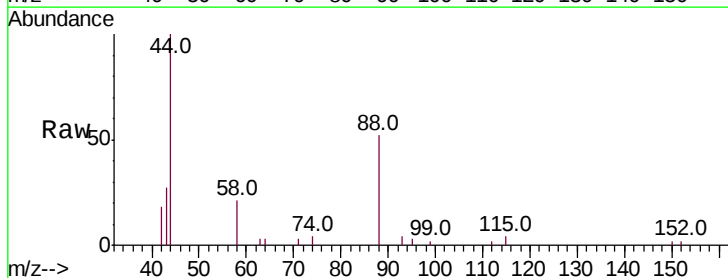
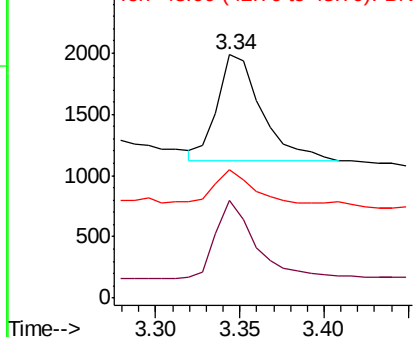
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	60.9	91.3
43	24.7	23.9	35.9

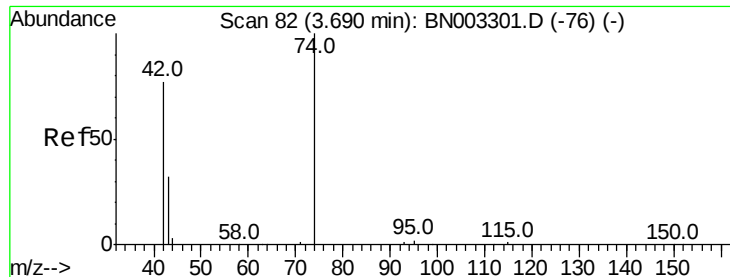
Abundance

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

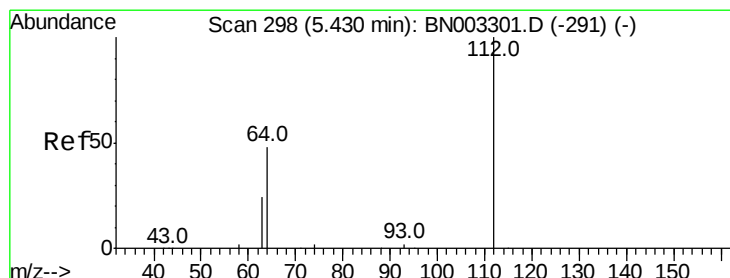
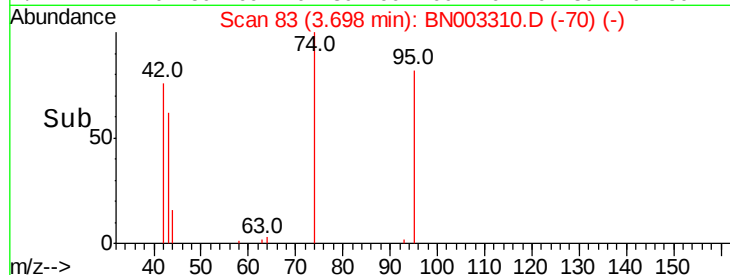
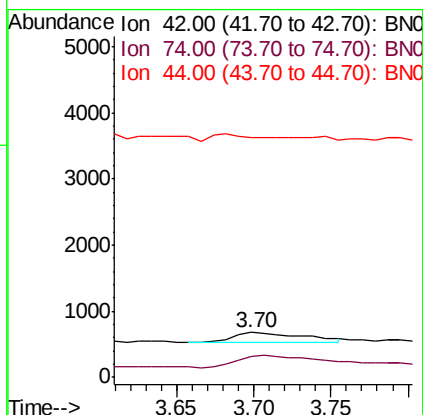
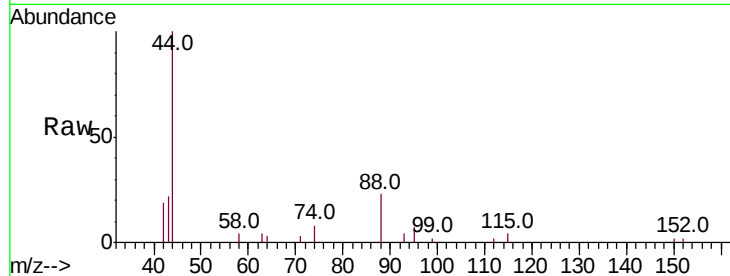
n-Nitrosodimethylamine
 Concen: 0.066 ng
 RT: 3.70 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BN003310.D
 Acq: 26 Oct 2018 18:17

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
42	100		
74	136.4	99.1	148.7
44	0.0	4.2	6.4

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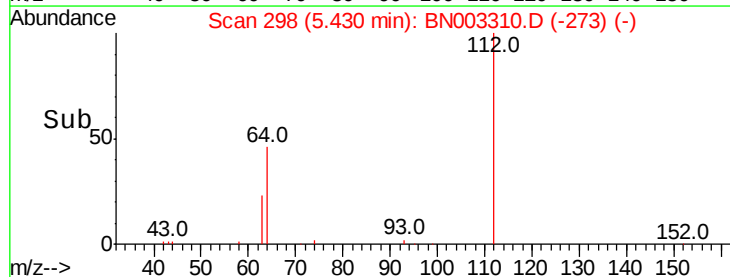
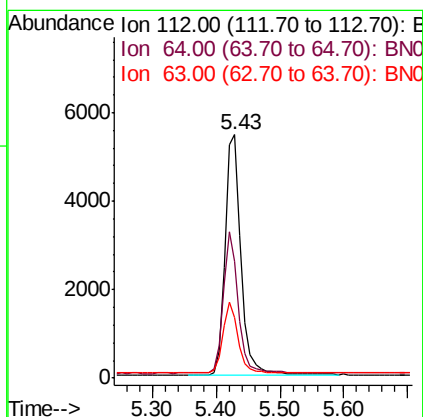
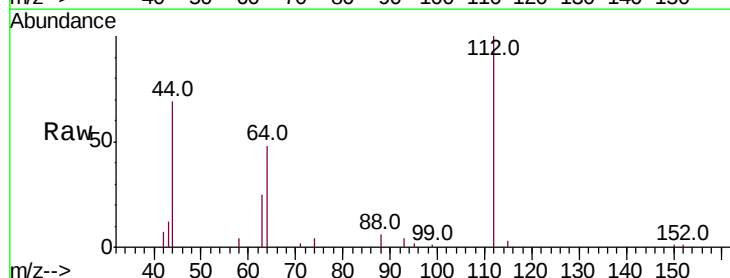
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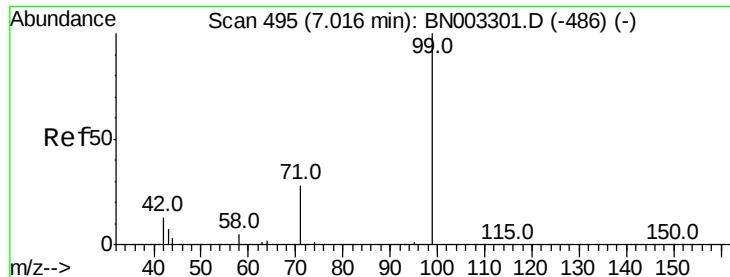


#4

2-Fluorophenol
 Concen: 0.311 ng
 RT: 5.43 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN003310.D
 Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.3	66.5
63	28.0	22.4	33.6





#5

Phenol-d6

Concen: 0.307 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

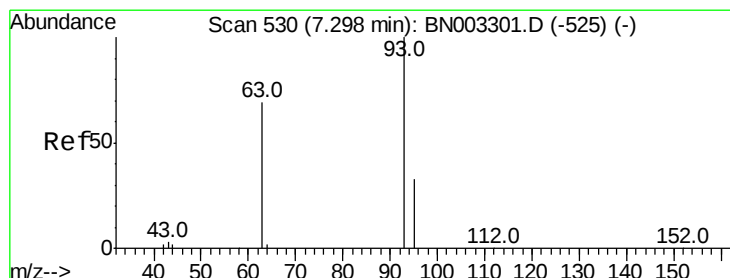
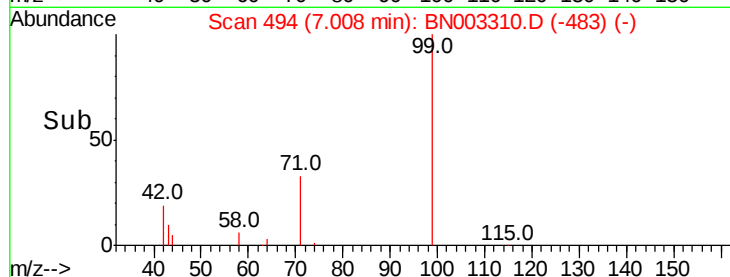
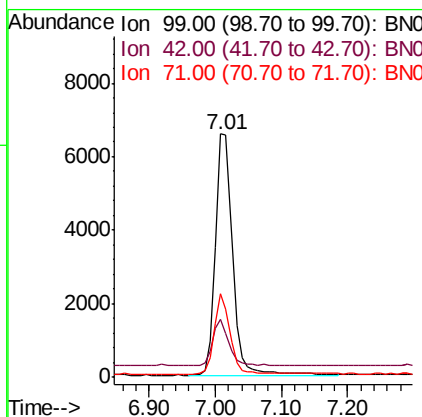
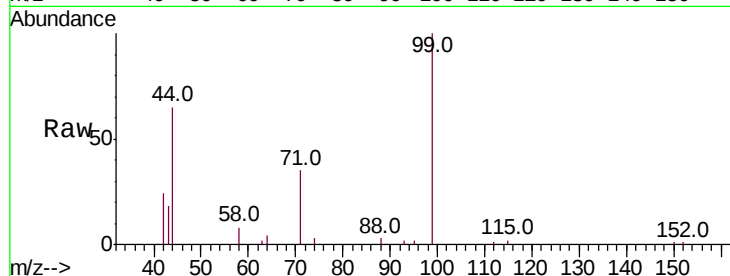
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion:	99	Resp:	11774
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	30.4	24.8	37.2

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#6

bis(2-Chloroethyl)ether

Concen: 0.086 ng

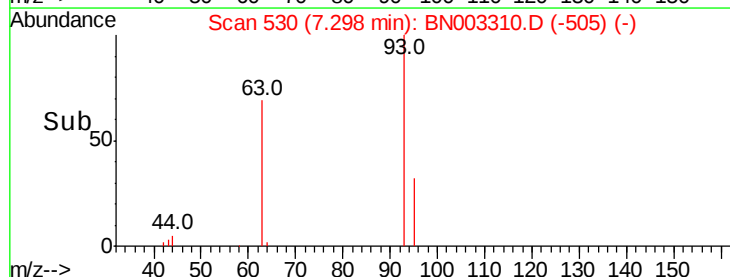
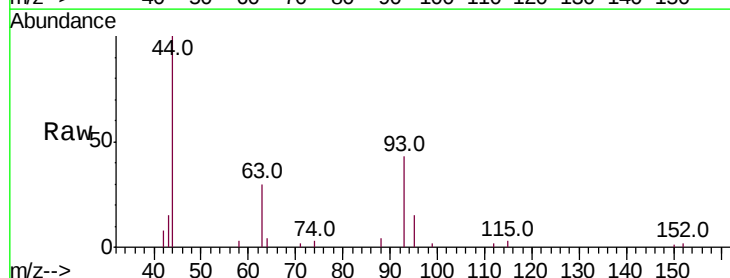
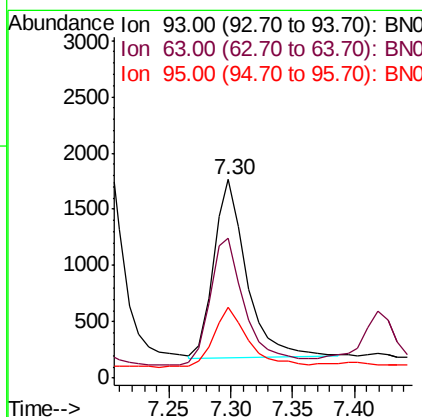
RT: 7.30 min Scan# 530

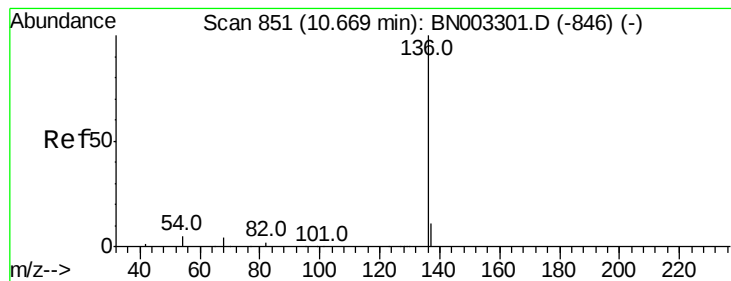
Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:	93	Resp:	2936
Ion	Ratio	Lower	Upper
93	100		
63	76.2	55.8	83.6
95	35.1	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: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

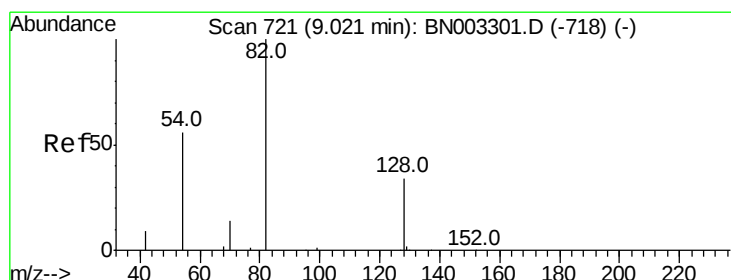
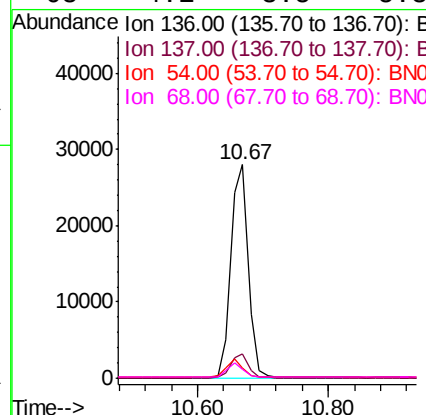
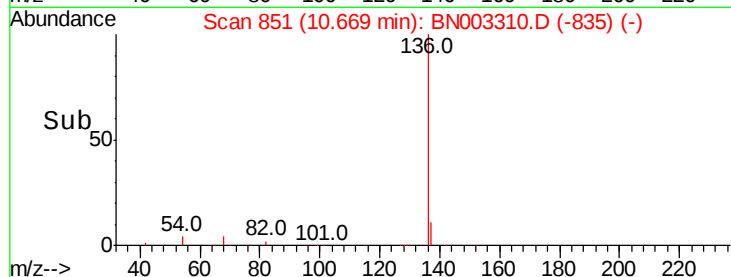
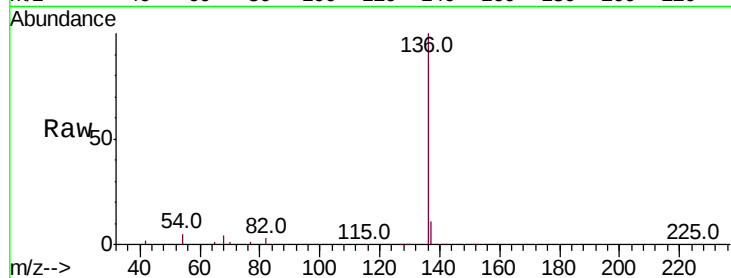
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.4	
54	4.8	4.1	6.1	
68	4.1	3.5	5.3	

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.345 ng

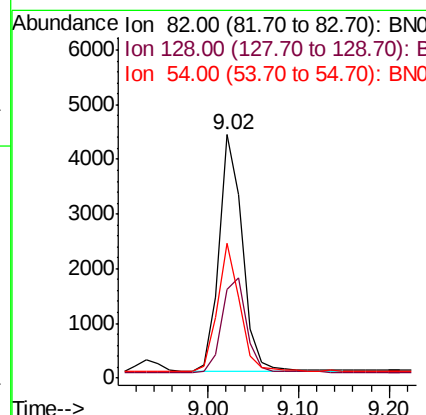
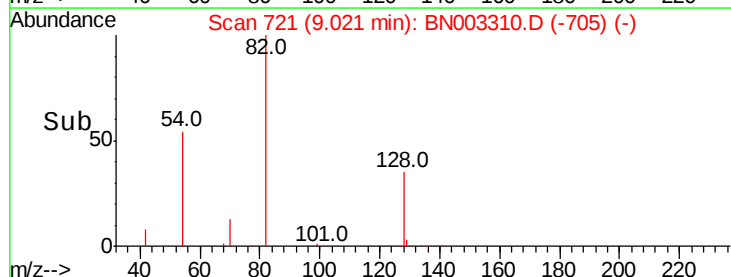
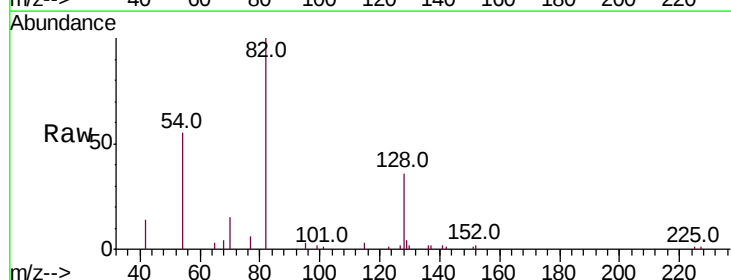
RT: 9.02 min Scan# 721

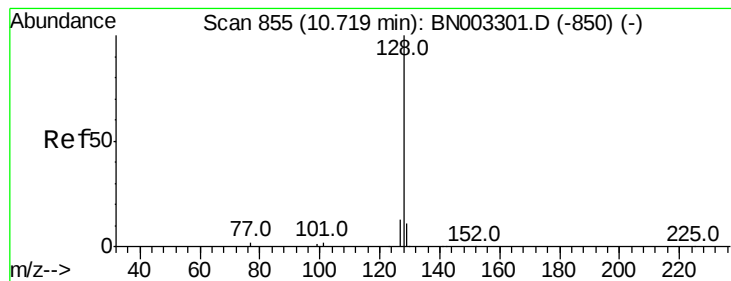
Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.2	28.9	43.3	
54	55.1	46.1	69.1	





#9

Naphthalene

Concen: 0.092 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

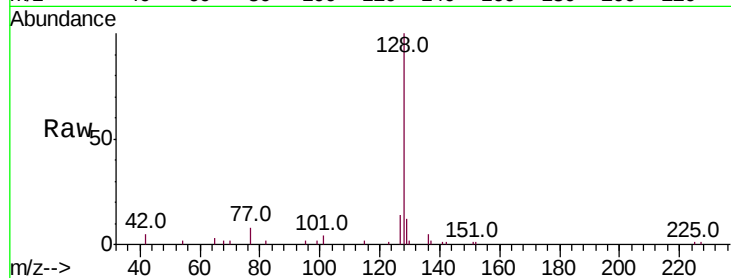
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

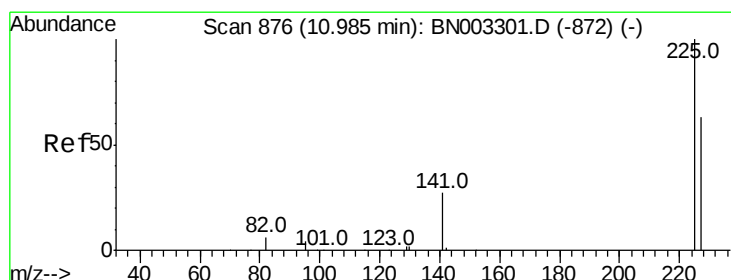
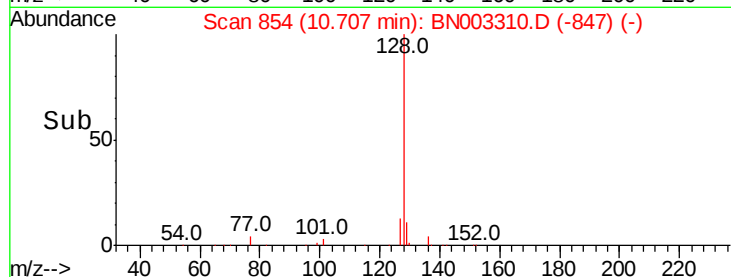
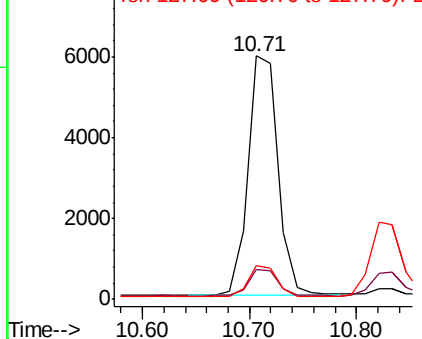
Tot Ion:128	Resp:	11598
Ion Ratio	Lower	Upper
128 100		
129 12.1	9.1	13.7
127 13.7	10.2	15.4

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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

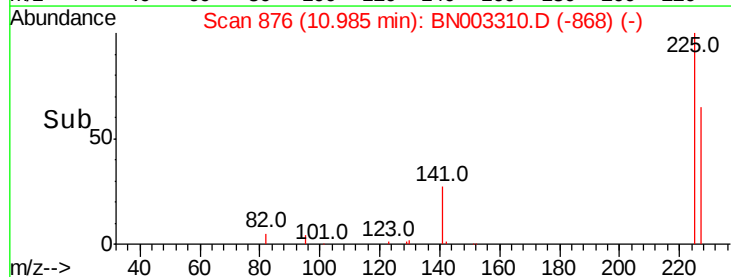
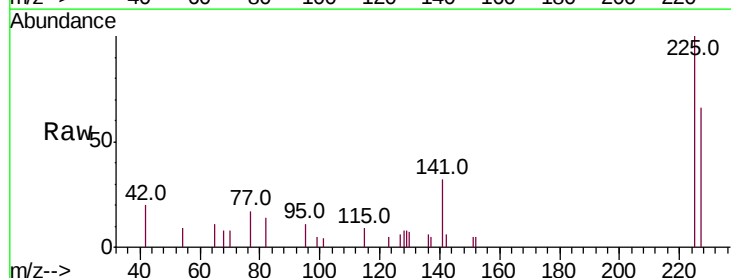
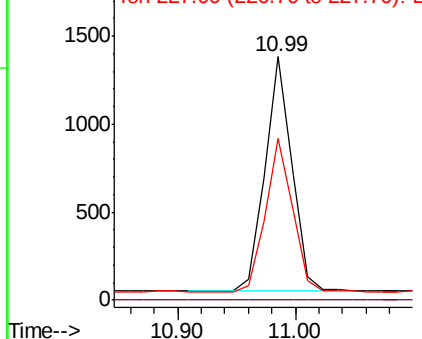
Delta R.T. 0.00 min

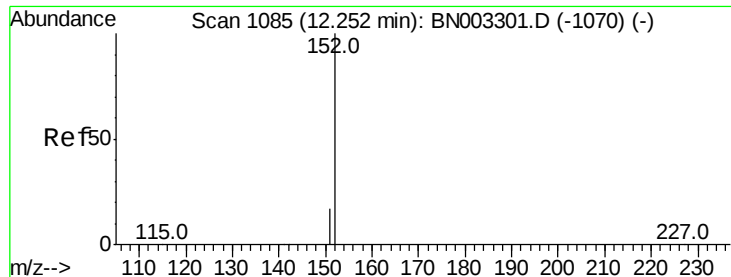
Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:225	Resp:	2130
Ion Ratio	Lower	Upper
225 100		
223 0.0	0.0	0.0
227 65.4	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





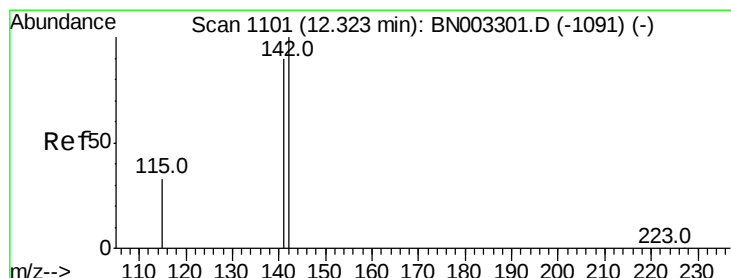
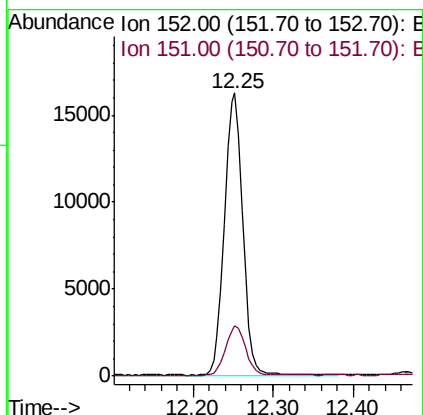
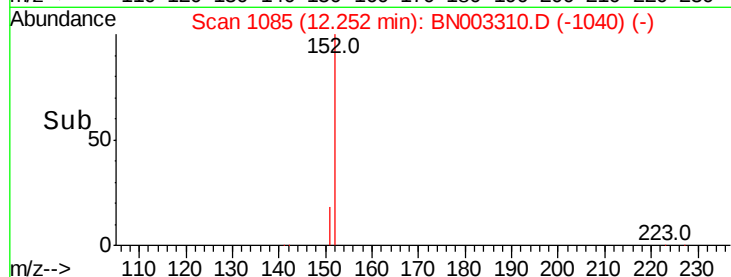
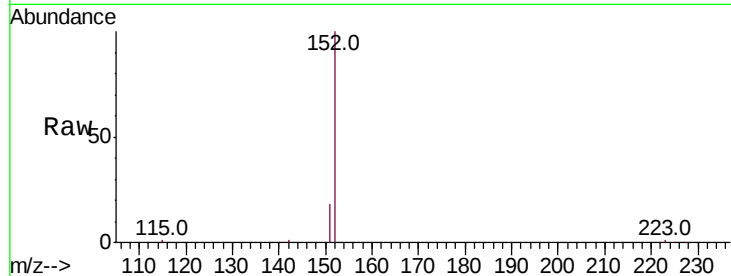
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.25 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

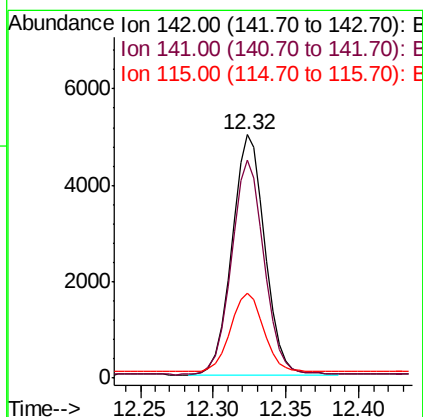
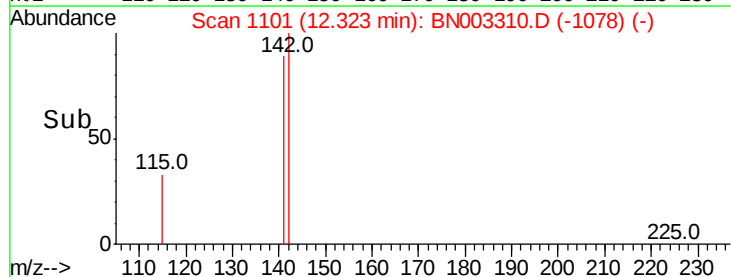
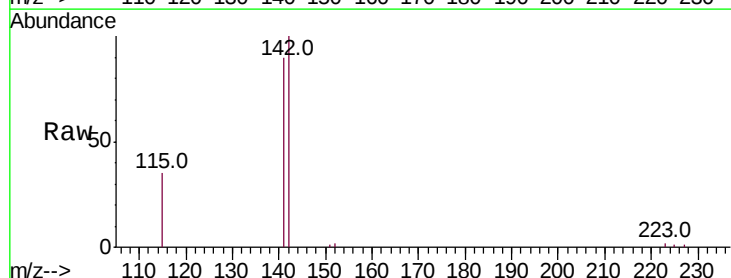
Manual Integrations
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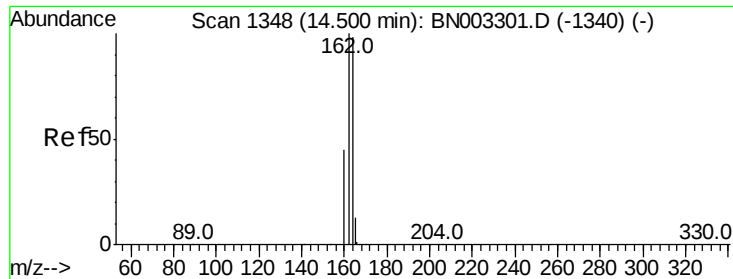
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#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 12.32 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	34.9	27.0	40.6





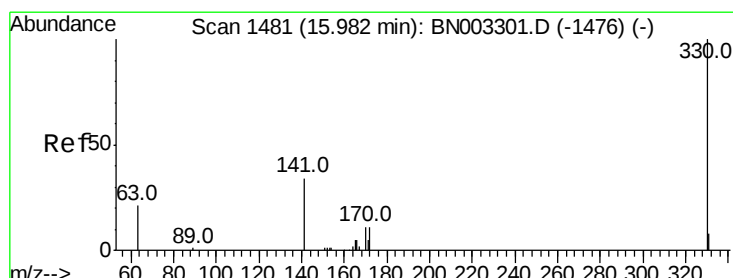
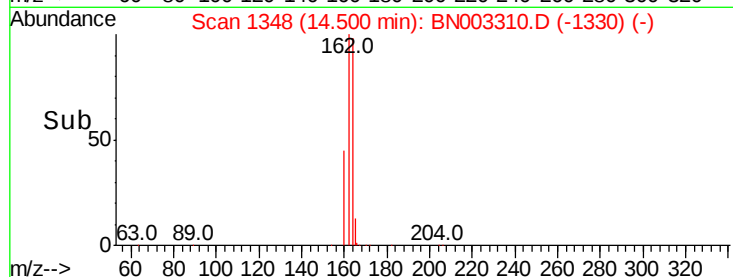
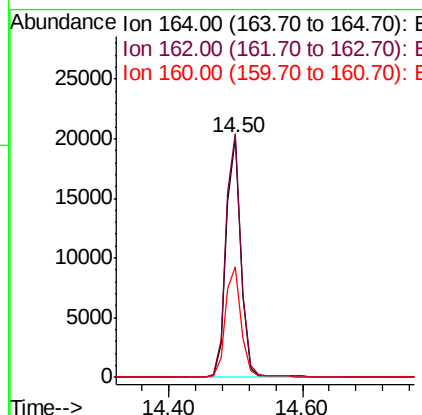
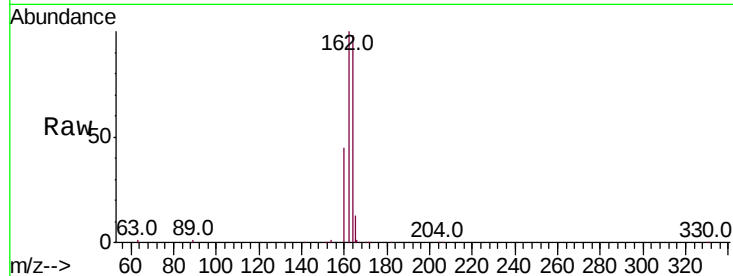
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Instrument :
BNA_N
ClientSampleID :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	46.3	37.2	55.8

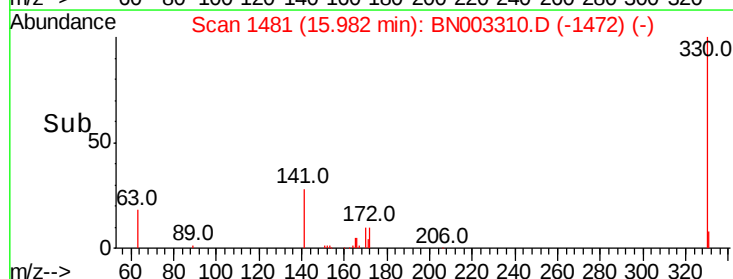
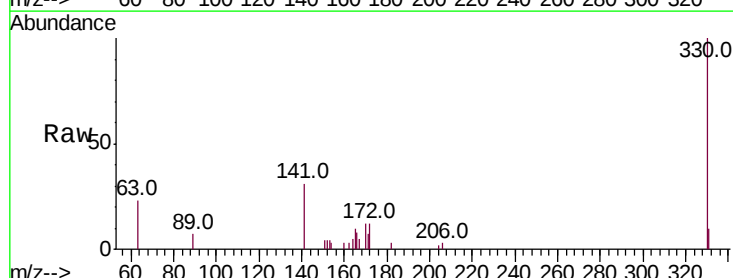
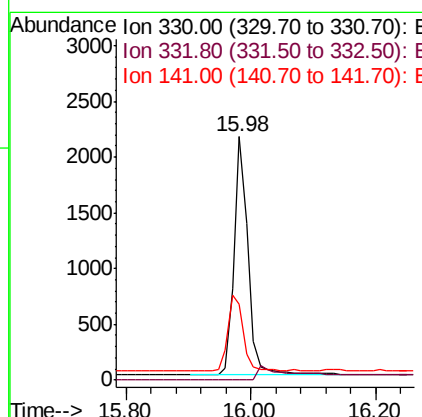
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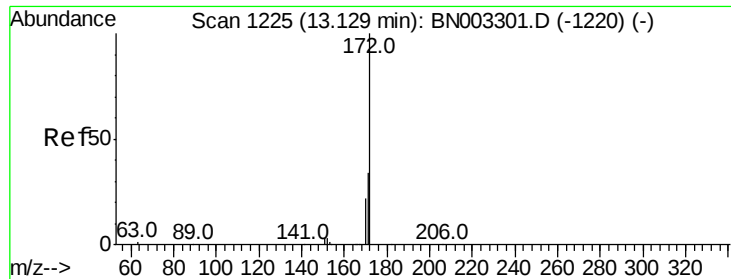
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	28.3	42.5





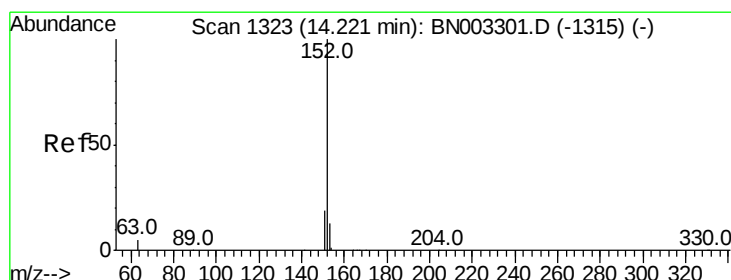
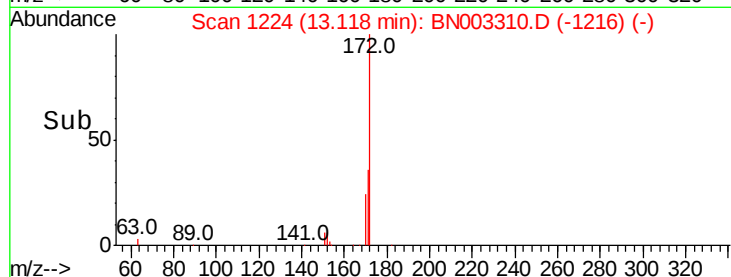
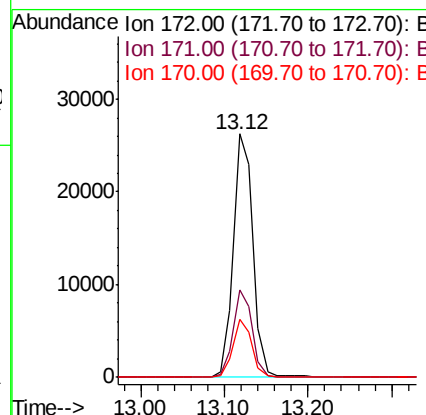
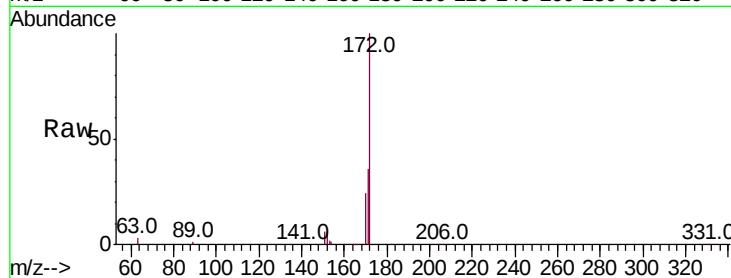
#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.1	40.7
170	24.1	17.4	26.0

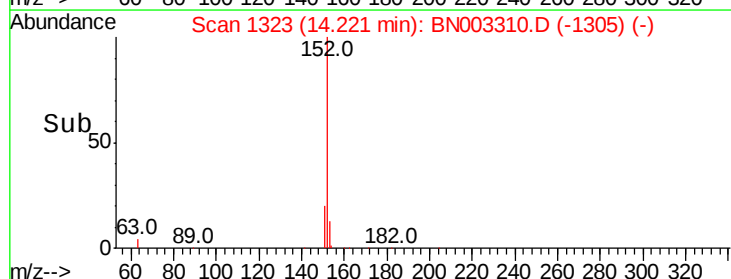
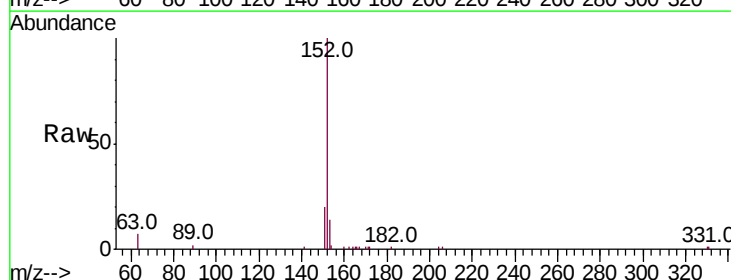
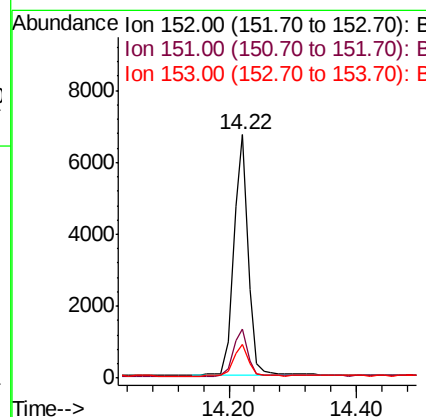
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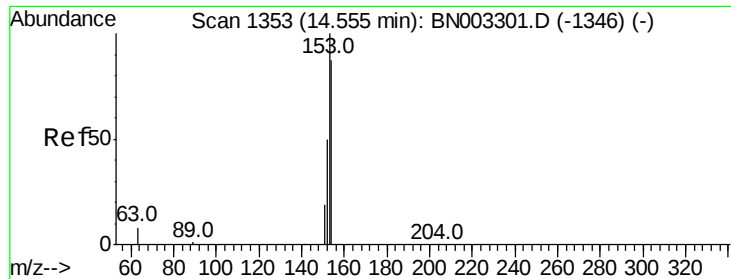
Sohil
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#16
Acenaphthylene
Concen: 0.079 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.087 ng

RT: 14.56 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

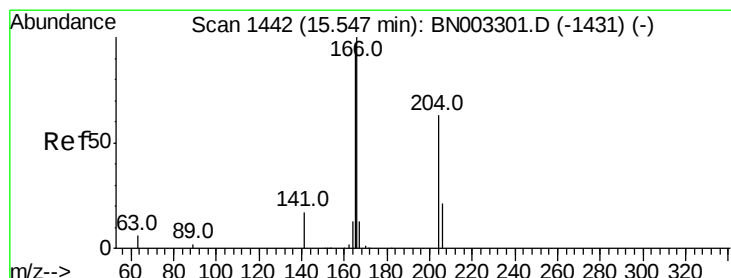
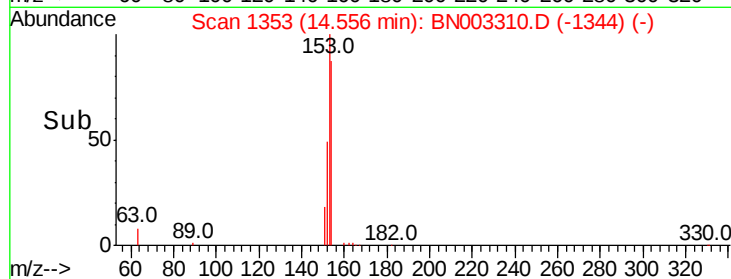
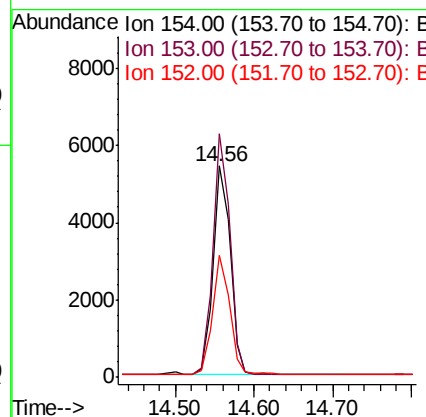
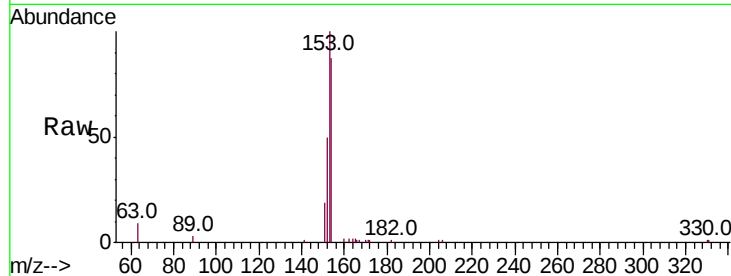
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion:	154	Resp:	8186
Ion Ratio	Lower	Upper	
154	100		
153	113.3	88.9	133.3
152	56.3	43.5	65.3

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#18

Fluorene

Concen: 0.087 ng

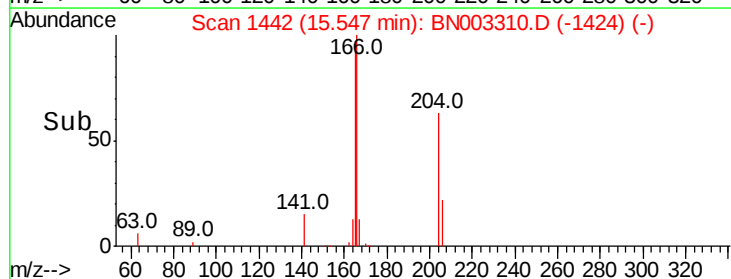
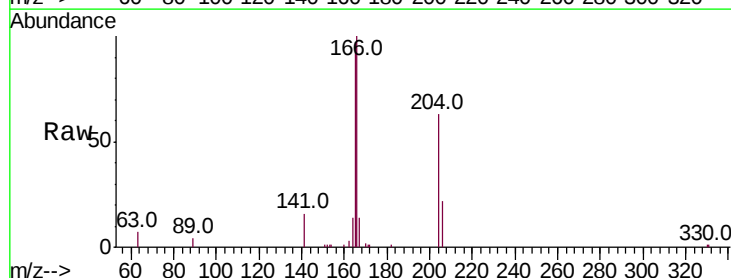
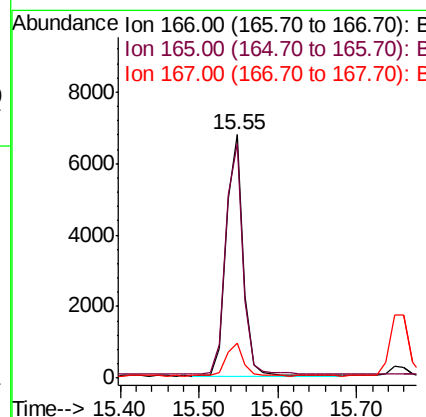
RT: 15.55 min Scan# 1442

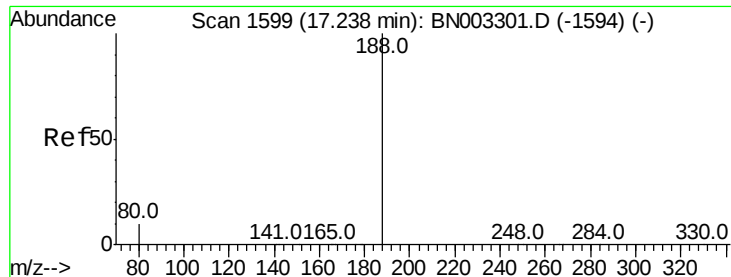
Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:	166	Resp:	10247
Ion Ratio	Lower	Upper	
166	100		
165	98.1	77.8	116.8
167	13.7	10.9	16.3





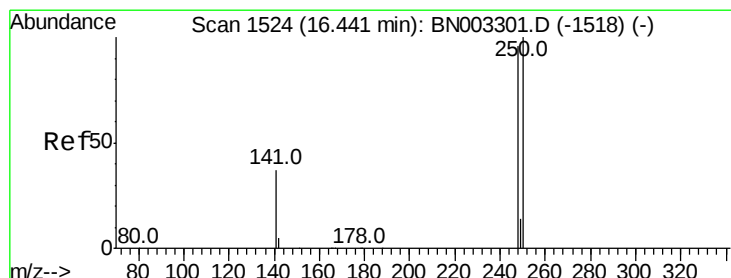
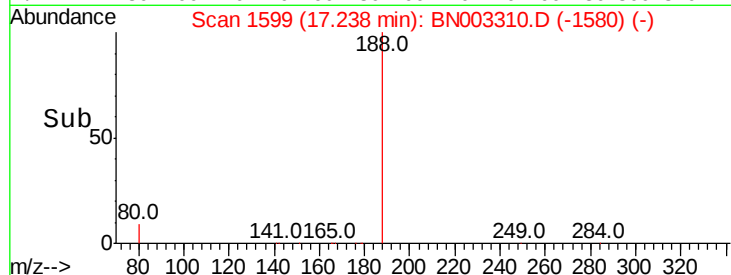
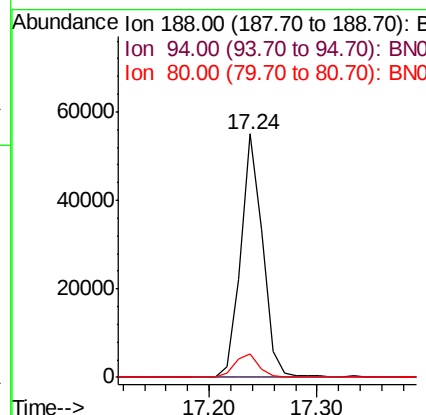
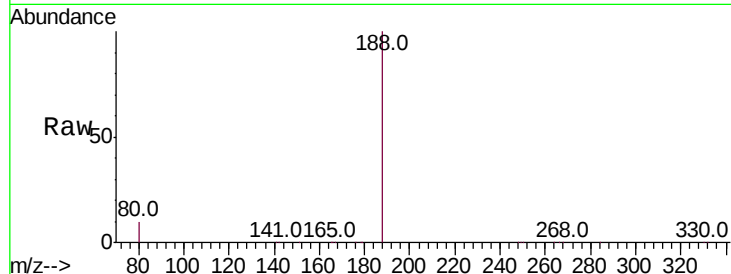
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	8.6	12.8

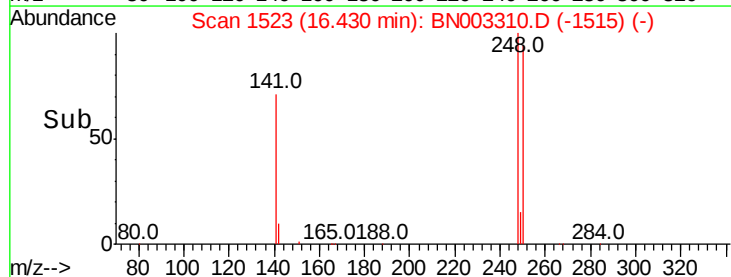
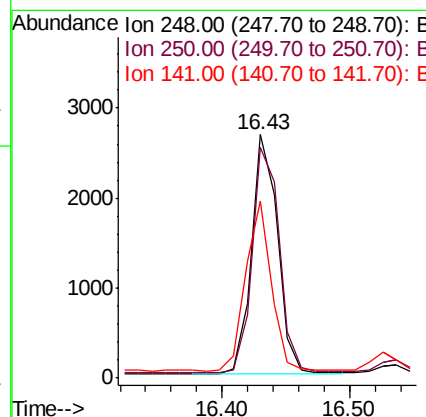
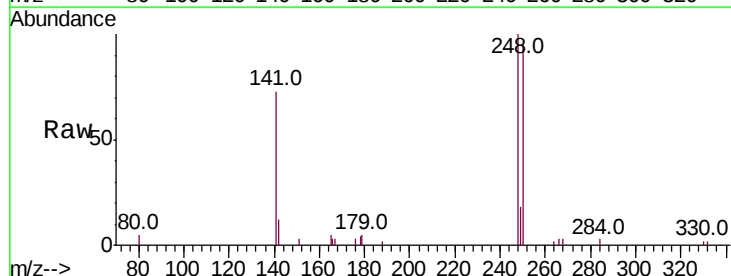
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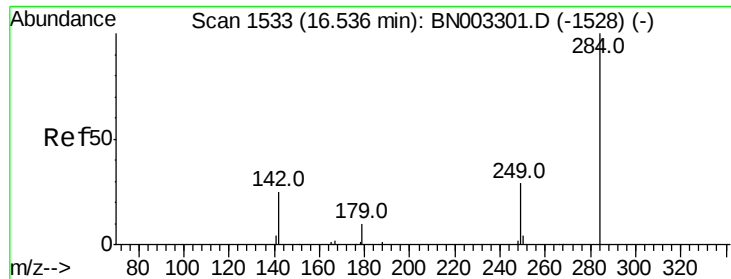
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#20
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	94.8	83.7	125.5
141	72.6	31.4	47.0#





#21

Hexachlorobenzene

Concen: 0.090 ng

RT: 16.54 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

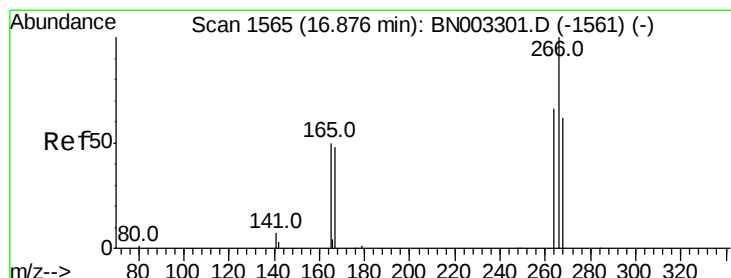
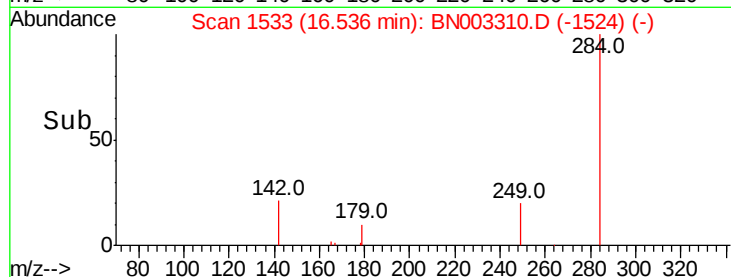
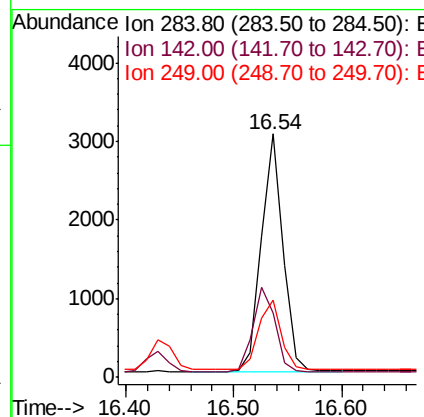
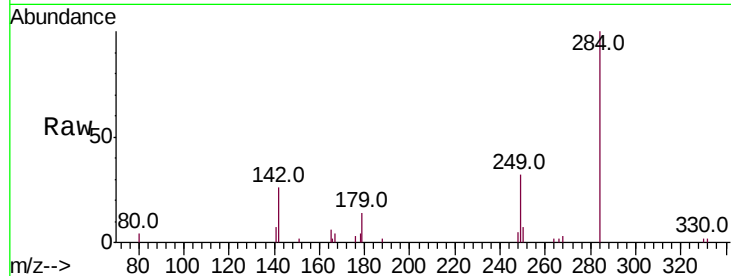
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion:	284	Resp:	4213
Ion Ratio	Lower	Upper	
284	100		
142	36.8	29.7	44.5
249	30.3	24.0	36.0

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#22

Pentachlorophenol

Concen: 0.075 ng

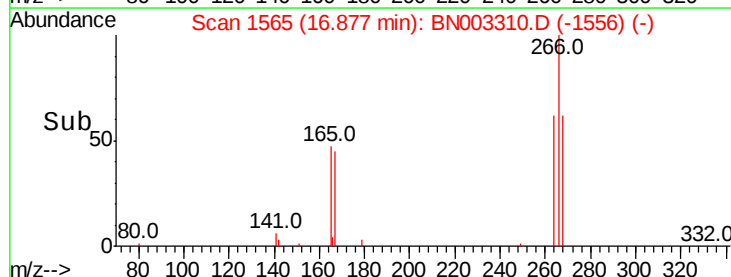
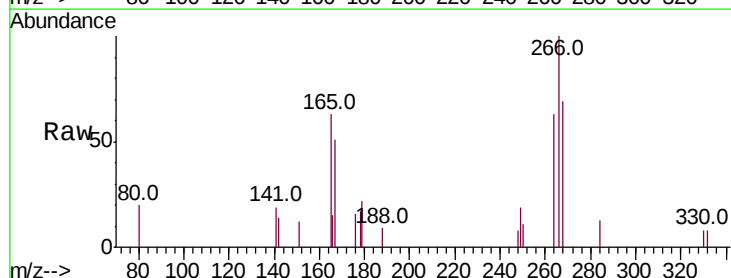
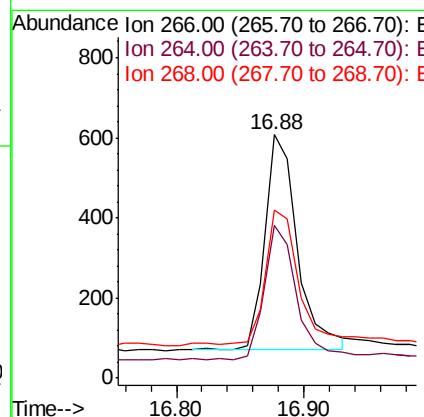
RT: 16.88 min Scan# 1565

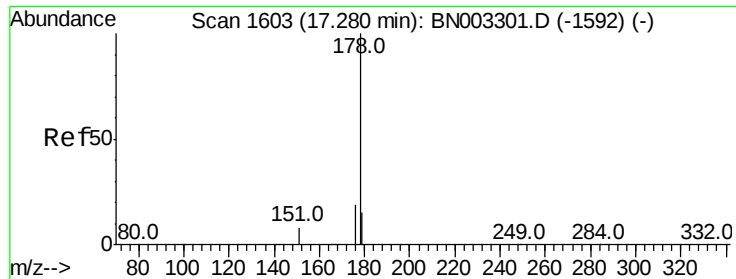
Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:	266	Resp:	959
Ion Ratio	Lower	Upper	
266	100		
264	62.7	52.1	78.1
268	68.9	51.8	77.6





#23

Phenanthrene

Concen: 0.088 ng

RT: 17.28 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

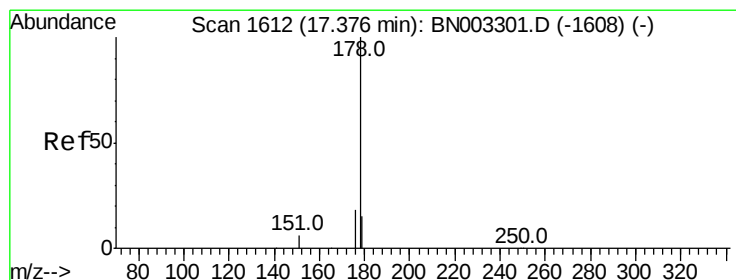
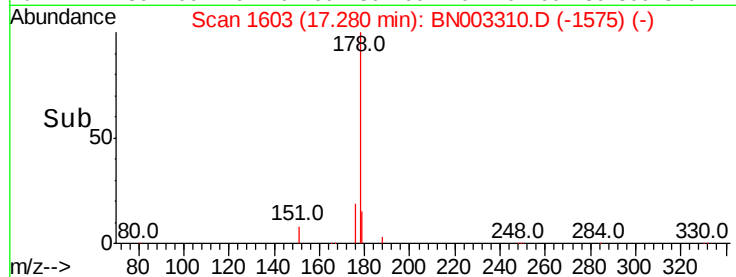
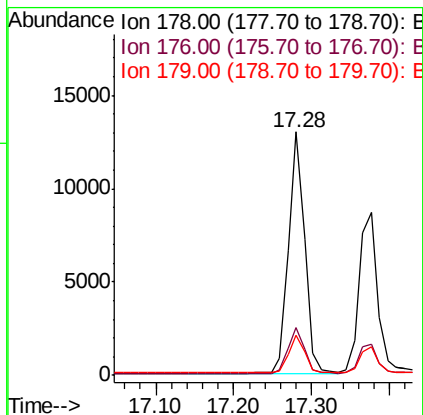
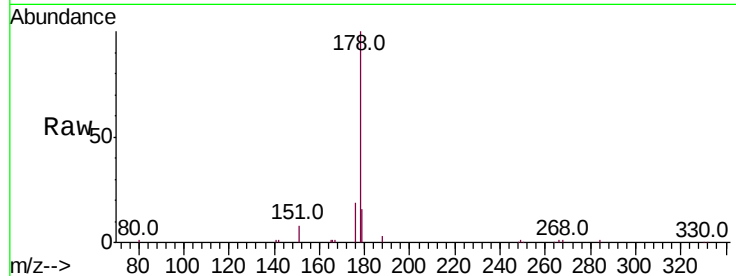
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion:178	Resp:	18524
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.1 22.7
179	15.8	12.4 18.6

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#24

Anthracene

Concen: 0.079 ng

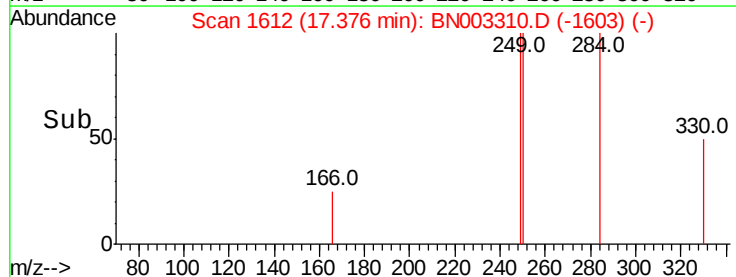
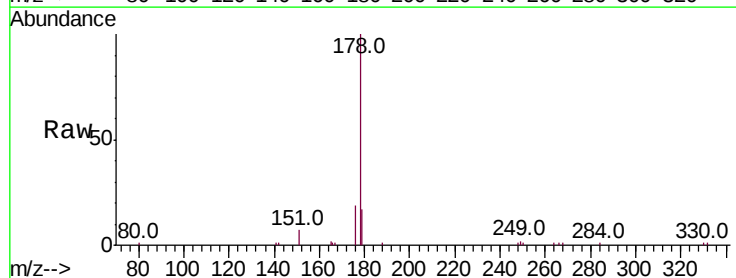
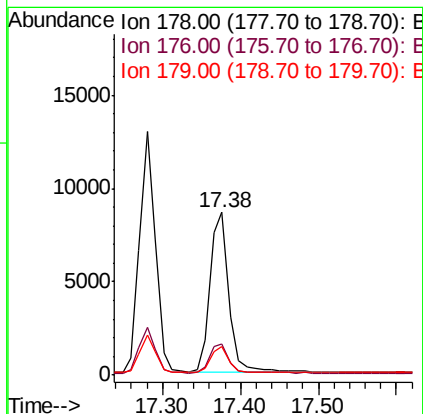
RT: 17.38 min Scan# 1612

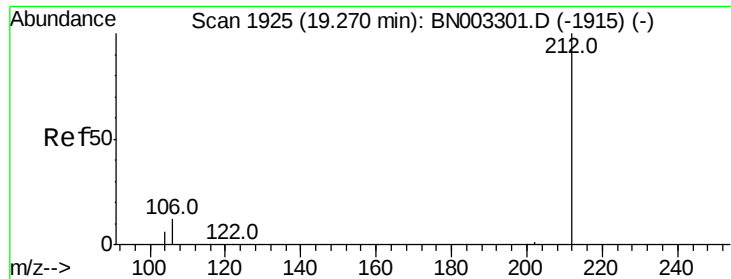
Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:178	Resp:	14240
Ion Ratio	Lower	Upper
178	100	
176	18.4	14.5 21.7
179	15.7	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.287 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

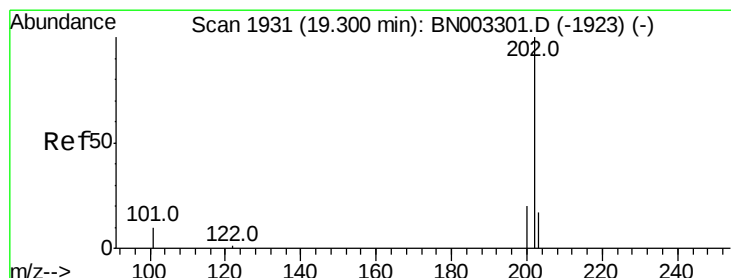
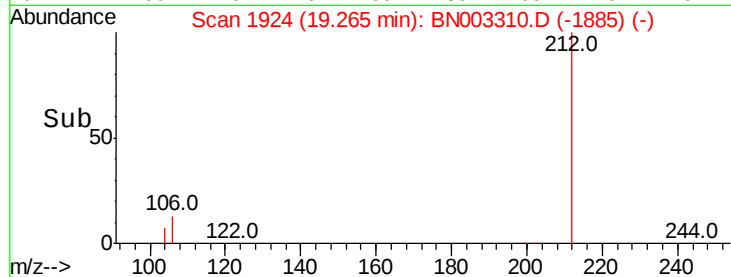
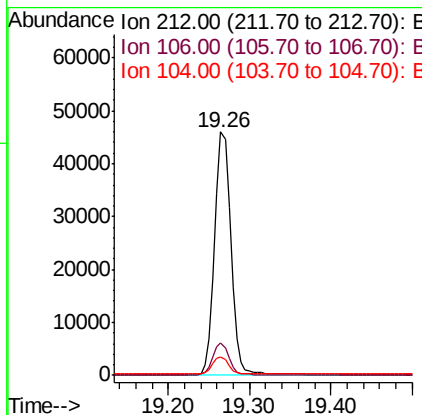
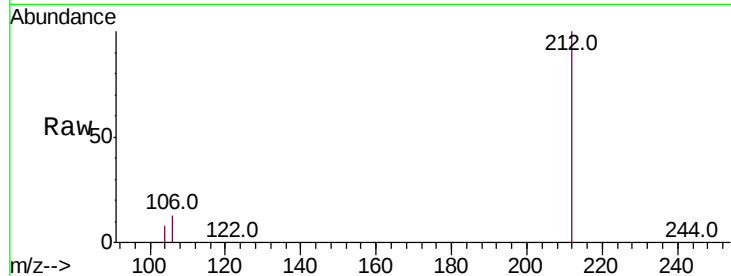
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.3	15.5
104	7.1	5.6	8.4

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#26

Fluoranthene

Concen: 0.086 ng

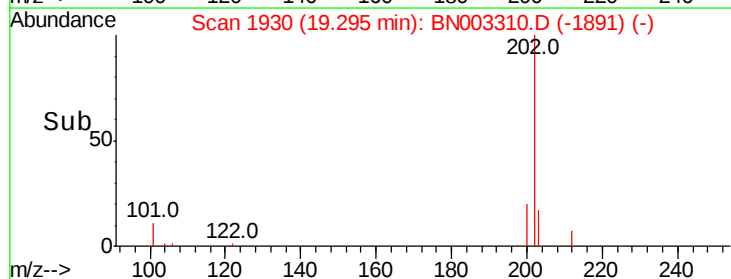
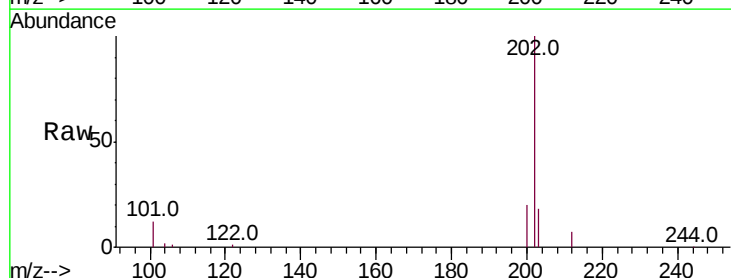
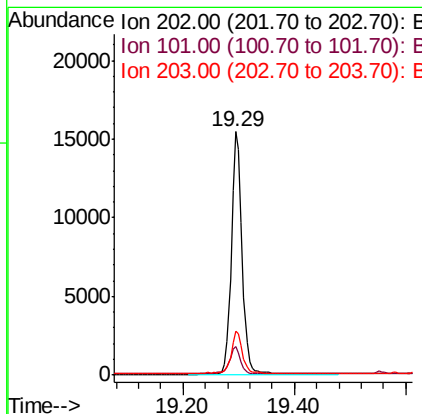
RT: 19.29 min Scan# 1930

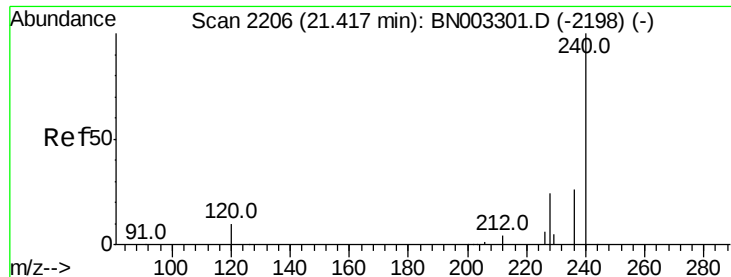
Delta R.T. -0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.0	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: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

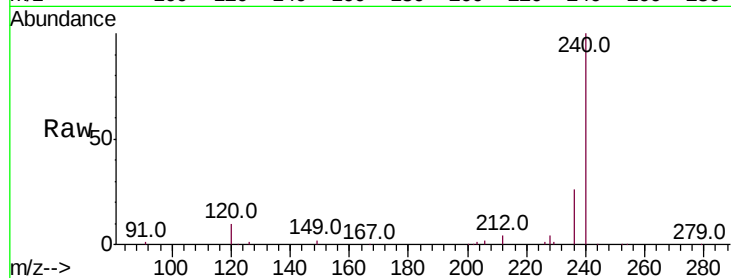
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.3	13.9
236	25.9	21.0	31.4

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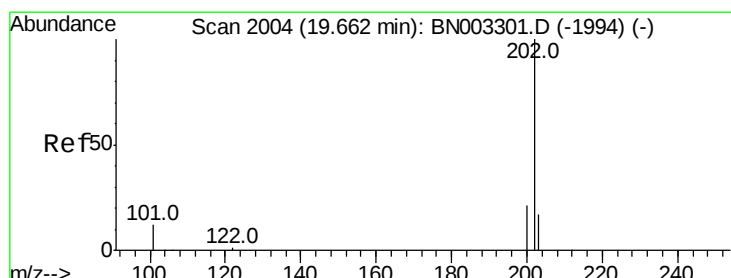
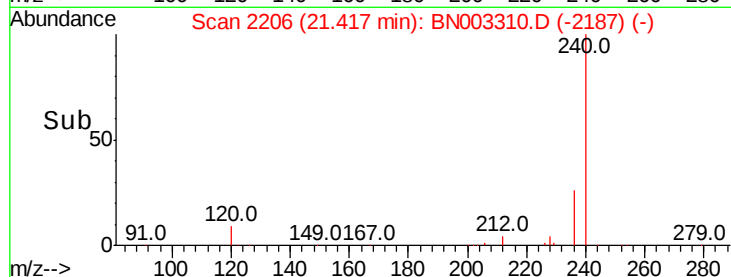
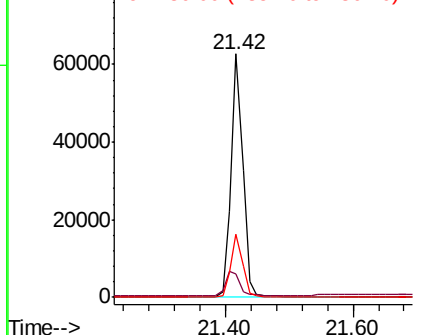


Abundance

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: 0.093 ng

RT: 19.66 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

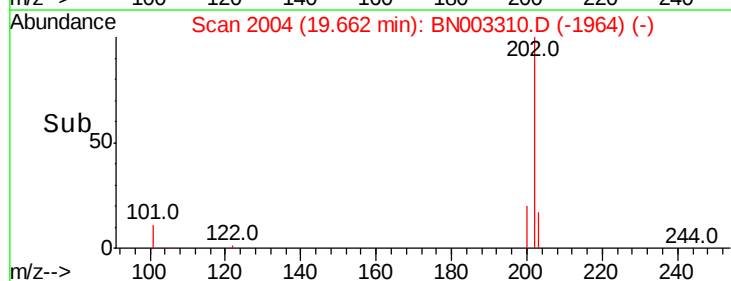
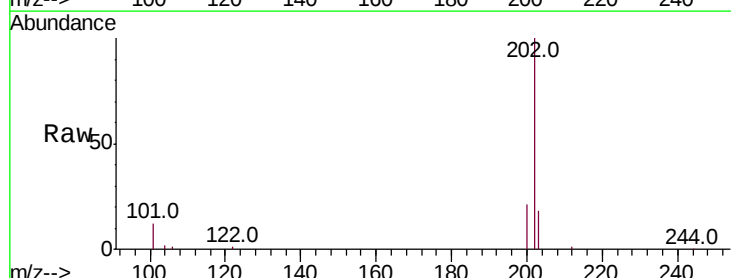
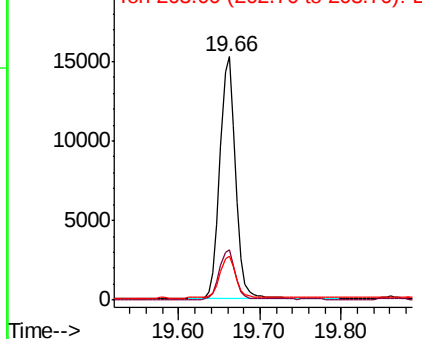
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.3	13.9	20.9

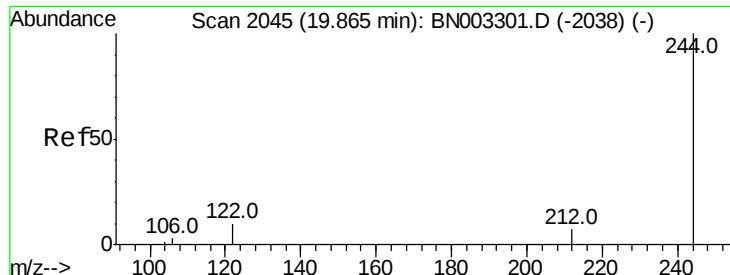
Abundance

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





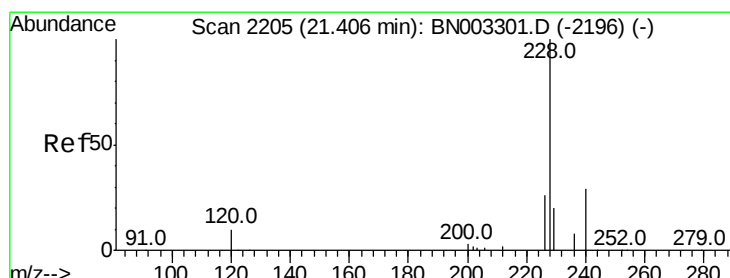
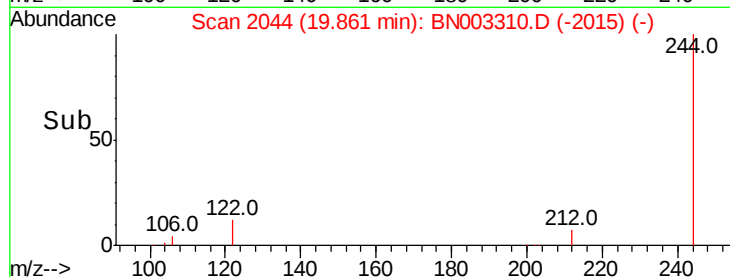
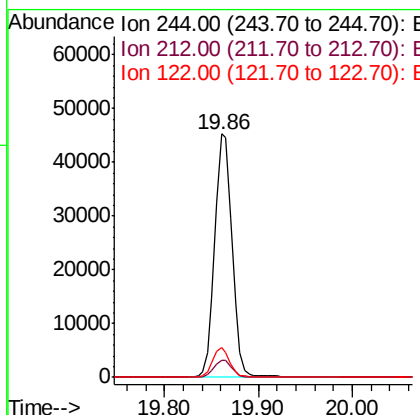
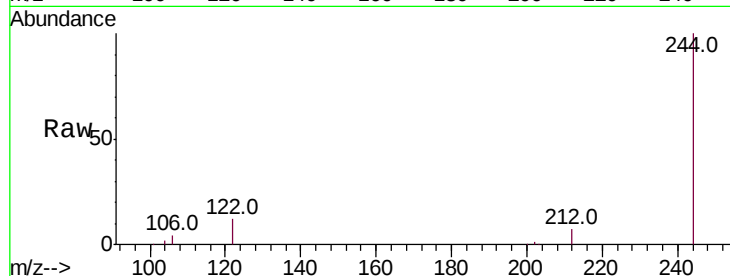
#29
 Terphenyl-d14
 Concen: 0.310 ng
 RT: 19.86 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BN003310.D
 Acq: 26 Oct 2018 18:17

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.2	8.5	12.7

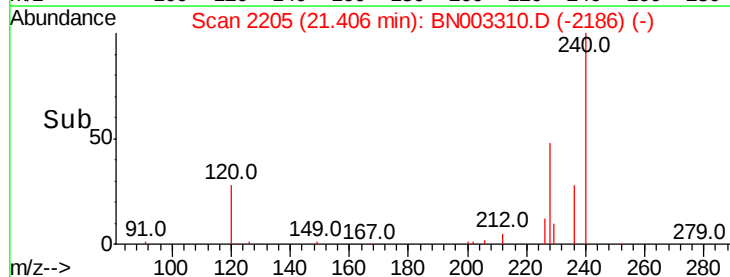
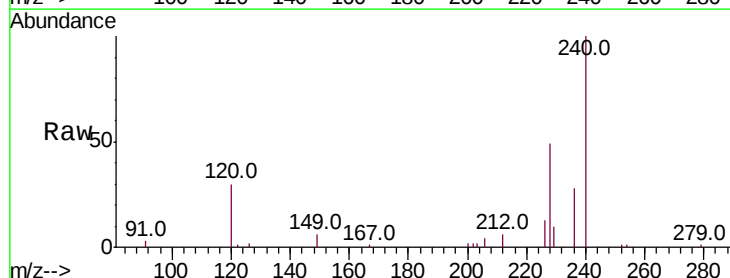
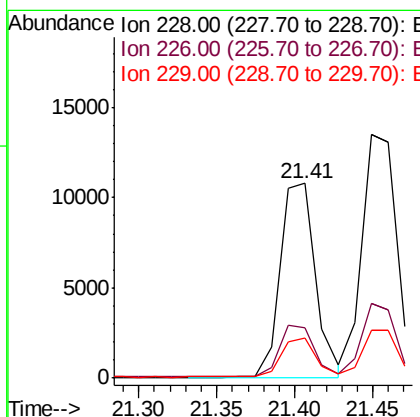
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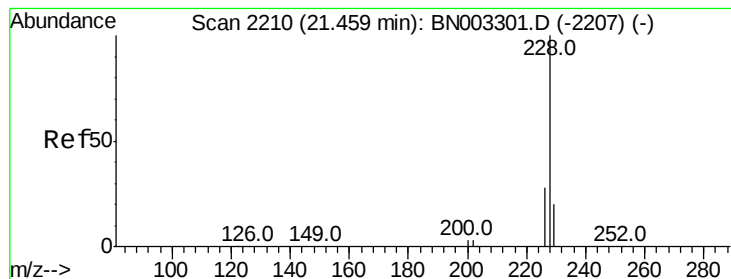
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#30
 Benzo(a)anthracene
 Concen: 0.080 ng
 RT: 21.41 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BN003310.D
 Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.8	31.2
229	20.6	16.1	24.1





#31

Chrysene

Concen: 0.093 ng

RT: 21.45 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

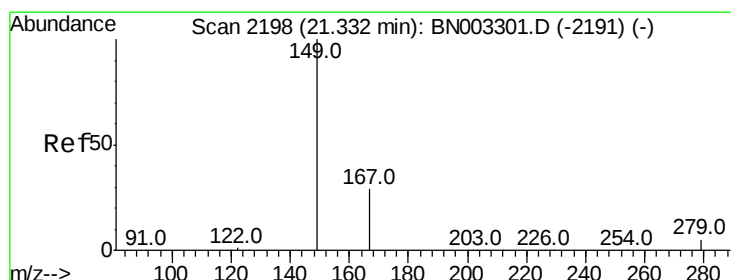
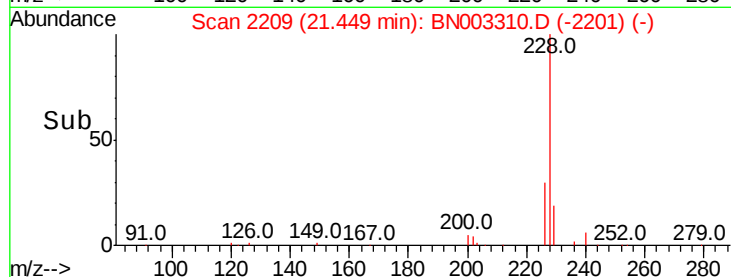
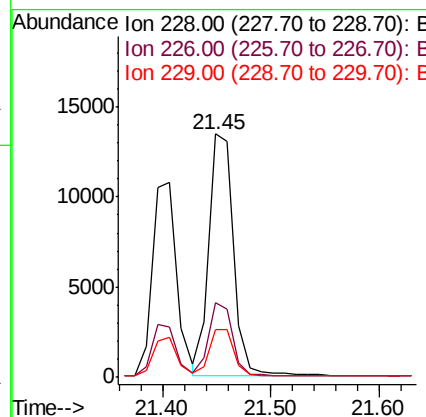
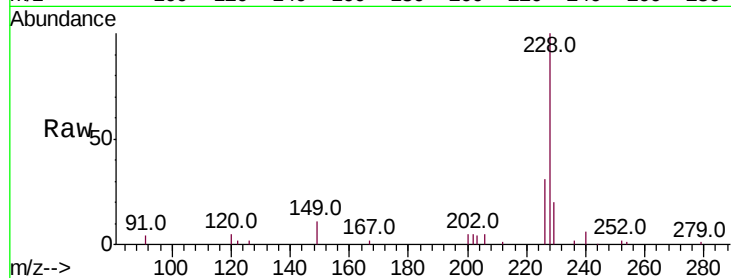
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion:	228	Resp:	20950
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.7	34.1
229	19.6	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

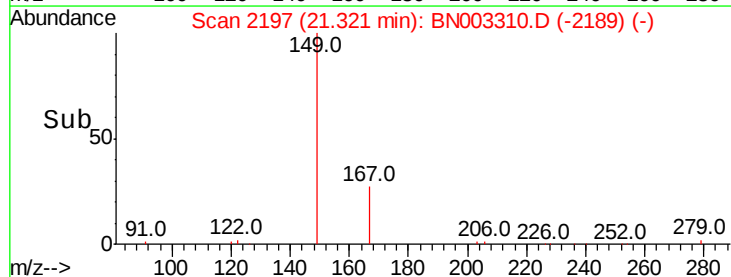
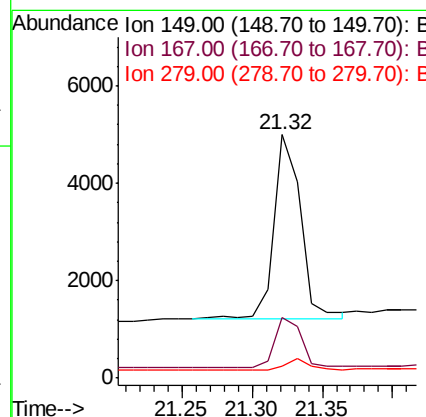
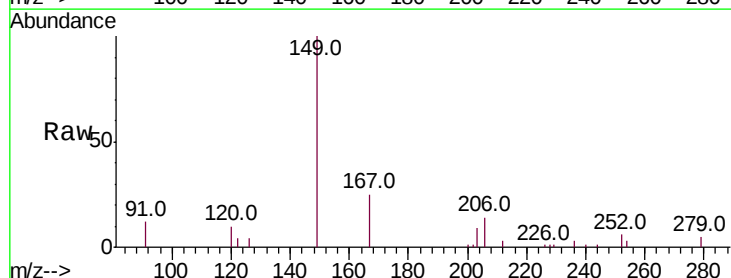
RT: 21.32 min Scan# 2197

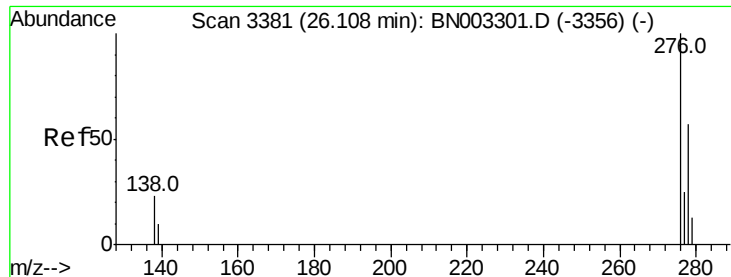
Delta R.T. -0.01 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:	149	Resp:	5117
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.4	33.6
279	6.2	3.9	5.9#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.080 ng

RT: 26.10 min Scan# 3380

Delta R.T. -0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

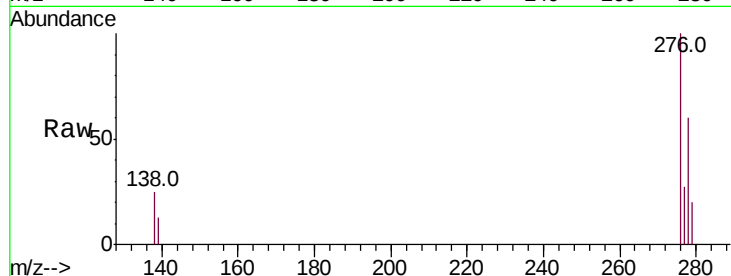
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

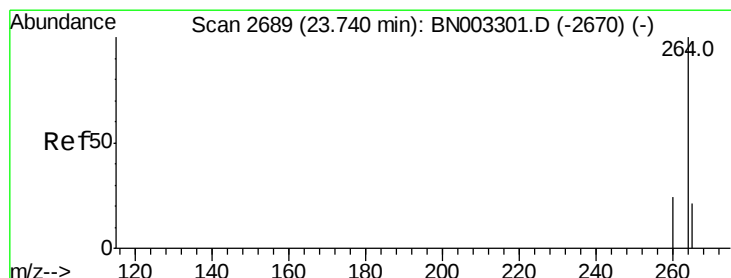
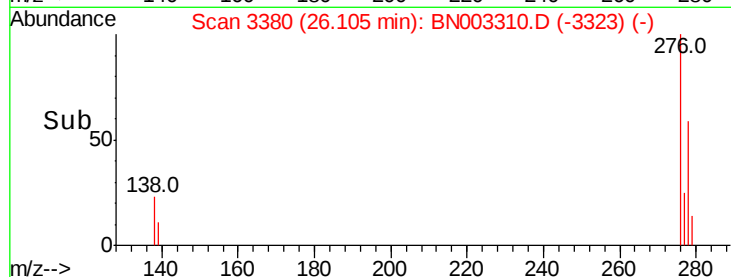
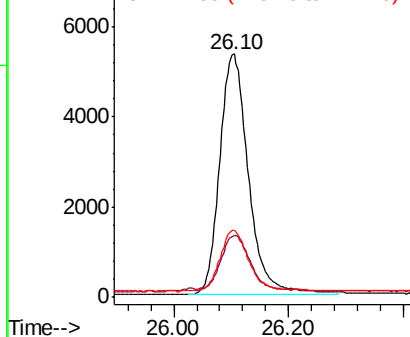
Tot Ion:	276	Resp:	18667
Ion Ratio	Lower	Upper	
276	100		
138	22.9	20.6	30.8
277	24.9	20.0	30.0

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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

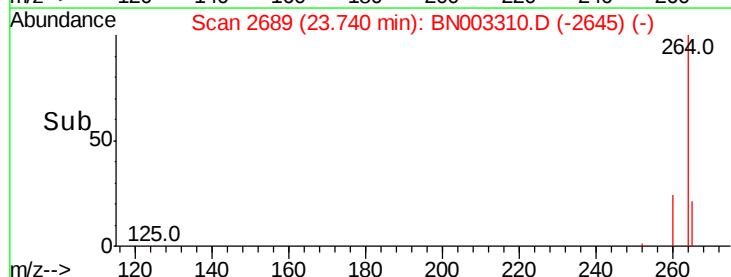
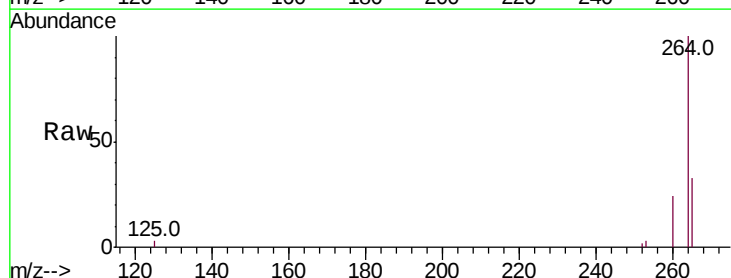
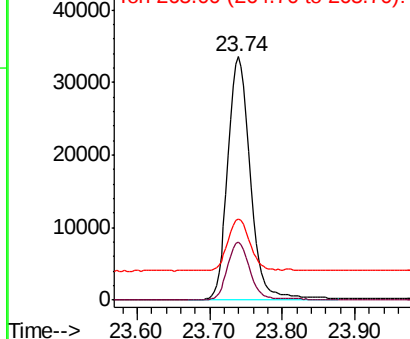
Delta R.T. 0.00 min

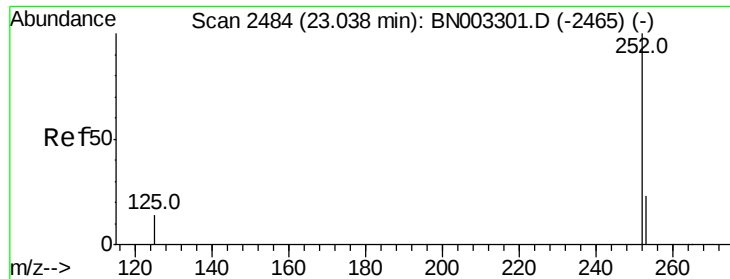
Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:	264	Resp:	71557
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.1	28.7
265	33.2	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: 0.089 ng m

RT: 23.03 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

ClientSampleId :

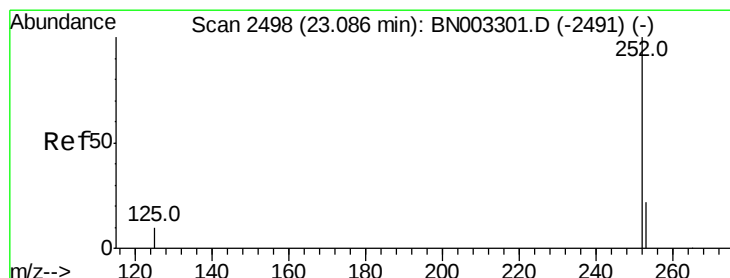
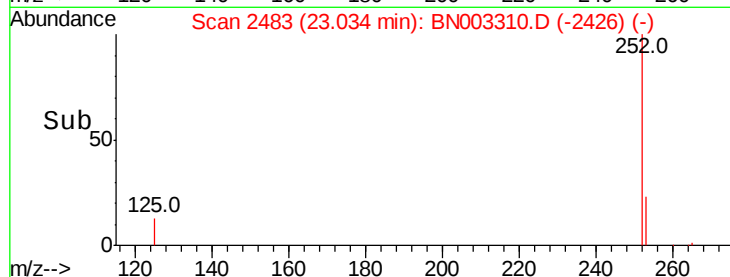
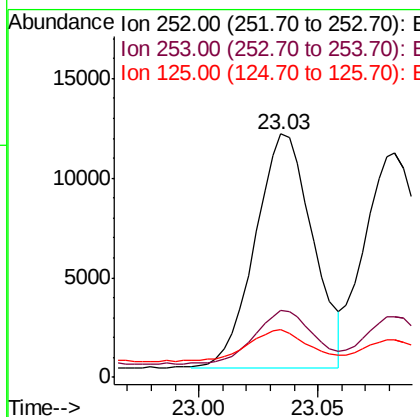
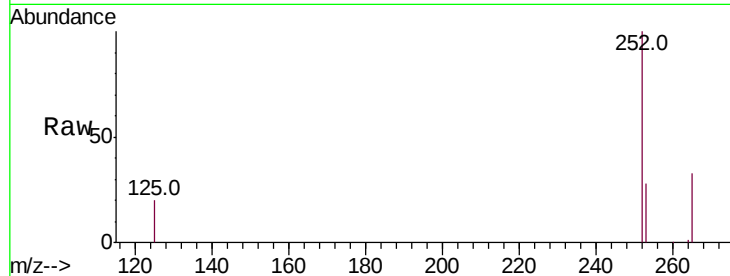
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:252 Resp: 19803

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.3	28.9
125	19.5	12.7	19.1#

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#36

Benzo(k)fluoranthene

Concen: 0.088 ng

RT: 23.08 min Scan# 2497

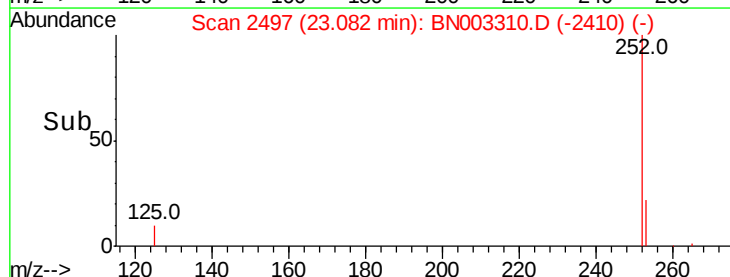
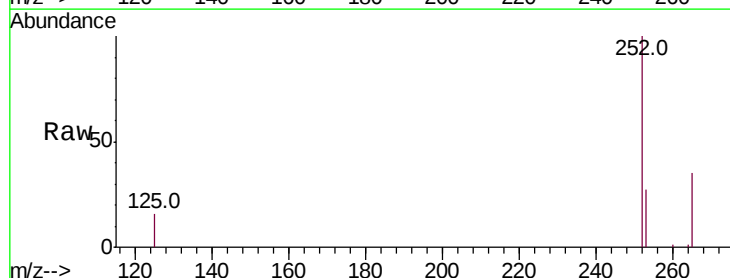
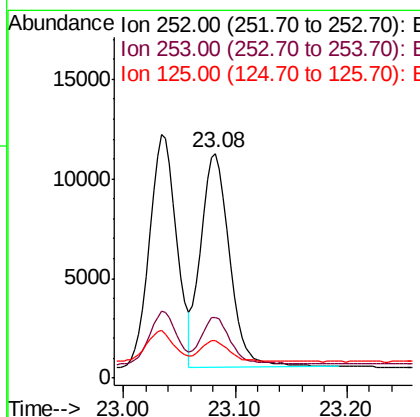
Delta R.T. -0.00 min

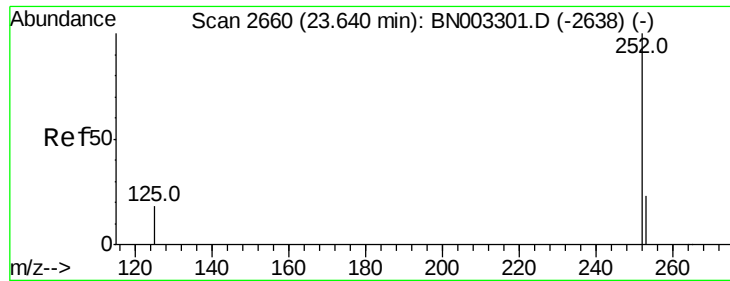
Lab File: BN003310.D

Acq: 26 Oct 2018 18:17

Tgt Ion:252 Resp: 19355

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.5	27.7
125	16.4	9.1	13.7#





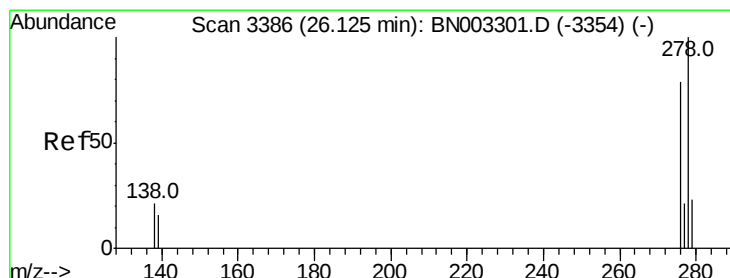
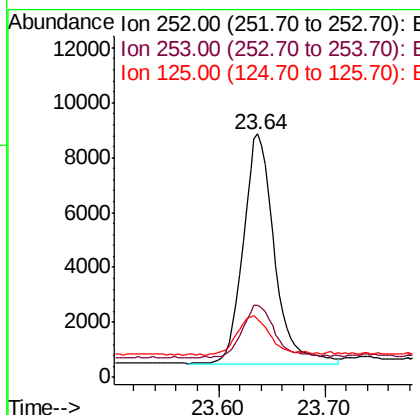
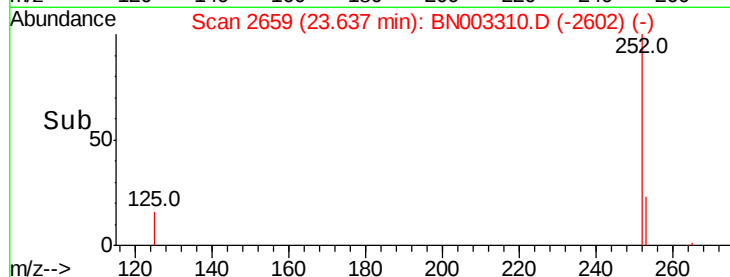
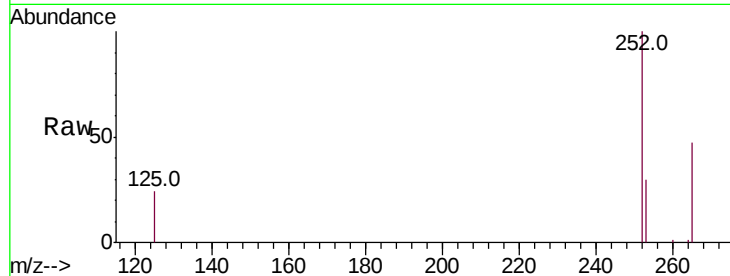
#37
Benzo(a)pyrene
Concen: 0.084 ng
RT: 23.64 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.1	30.1
125	24.1	16.0	24.0

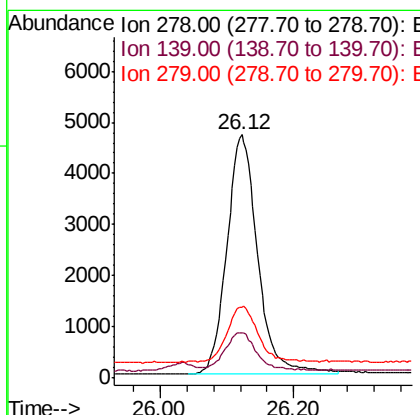
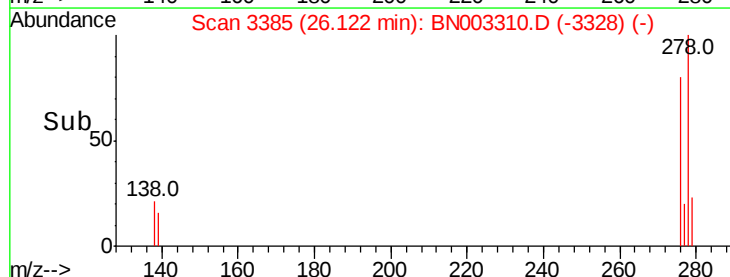
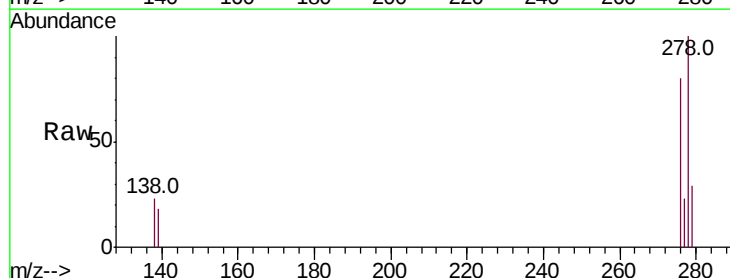
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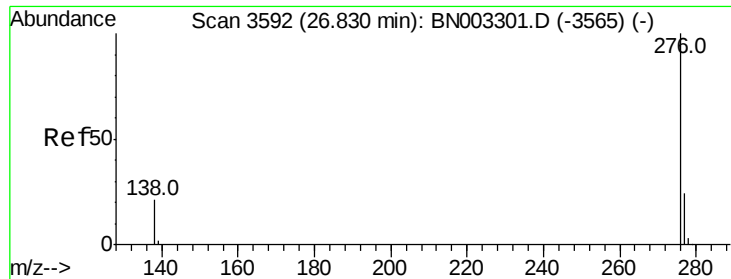
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#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 26.12 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BN003310.D
Acq: 26 Oct 2018 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.5	20.3
279	29.2	19.8	29.6





#39

Benzo(a,h,i)perylene

Concen: 0.086 ng

RT: 26.83 min Scan# 3592

Delta R.T. 0.00 min

Lab File: BN003310.D

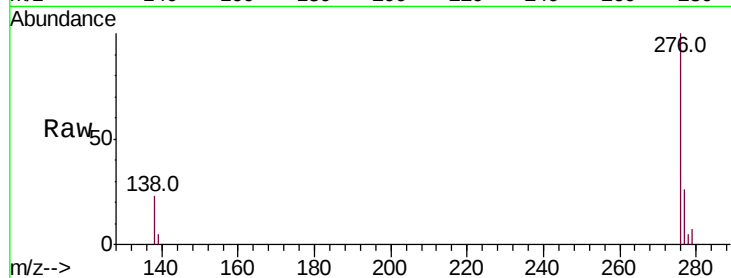
Acq: 26 Oct 2018 18:17

Instrument :

BNA_N

ClientSampleId :

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Tot Ion: 276 Resp: 16345

Ion Ratio Lower Upper

276 100

277 26.4 19.5 29.3

138 23.3 17.4 26.2

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