

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
 Data File : BN009386.D
 Acq On : 16 Jan 2020 15:59
 Operator : JU
 Sample : K3591-03
 Misc : MDL-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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 1/17/2020 2:11:09 PM

Quant Time: Jan 16 16:43:41 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 14 09:33:55 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1606	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5459	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	3475	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7660	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6514	0.40	ng	0.00
34) Perylene-d12	23.19	264	6664	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1448	0.39	ng	0.00
5) Phenol-d6	6.69	99	1657	0.39	ng	0.00
8) Nitrobenzene-d5	8.64	82	1448	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3218	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	432	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	4663	0.36	ng	0.01
25) Fluoranthene-d10	18.90	212	7962	0.30	ng	0.00
29) Terphenyl-d14	19.51	244	6307	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	149	0.089	ng	Qvalue # 85
3) n-Nitrosodimethylamine	3.52	42	146m	0.056	ng	
6) bis(2-Chloroethyl)ether	6.94	93	357	0.081	ng	88
9) Naphthalene	10.28	128	1325	0.090	ng	# 83
10) Hexachlorobutadiene	10.57	225	268	0.083	ng	# 100
12) 2-Methylnaphthalene	11.92	142	888	0.086	ng	# 95
16) Acenaphthylene	13.83	152	1173	0.078	ng	98
17) Acenaphthene	14.18	154	877	0.083	ng	97
18) Fluorene	15.18	166	1125	0.082	ng	98
20) 4-Bromophenyl-phenylether	16.08	248	363	0.079	ng	93
21) Hexachlorobenzene	16.17	284	394	0.080	ng	95
22) Pentachlorophenol	16.56	266	260	0.189	ng	98
23) Phenanthrene	16.91	178	1876	0.082	ng	99
24) Anthracene	17.01	178	1469	0.076	ng	99
26) Fluoranthene	18.93	202	2228	0.083	ng	99
28) Pyrene	19.30	202	2258	0.091	ng	100
30) Benzo(a)anthracene	21.06	228	1646m	0.077	ng	
31) Chrysene	21.10	228	2296	0.094	ng	95
32) Bis(2-ethylhexyl)phthalate	21.01	149	936	0.099	ng	93
33) Indeno(1,2,3-cd)pyrene	25.28	276	2101	0.082	ng	# 93
35) Benzo(b)fluoranthene	22.57	252	1870	0.076	ng	# 61
36) Benzo(k)fluoranthene	22.61	252	2645m	0.098	ng	
37) Benzo(a)pyrene	23.11	252	1875	0.087	ng	# 3
38) Dibenzo(a,h)anthracene	25.30	278	1625	0.075	ng	# 59
39) Benzo(g,h,i)perylene	25.91	276	1947	0.082	ng	# 87

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

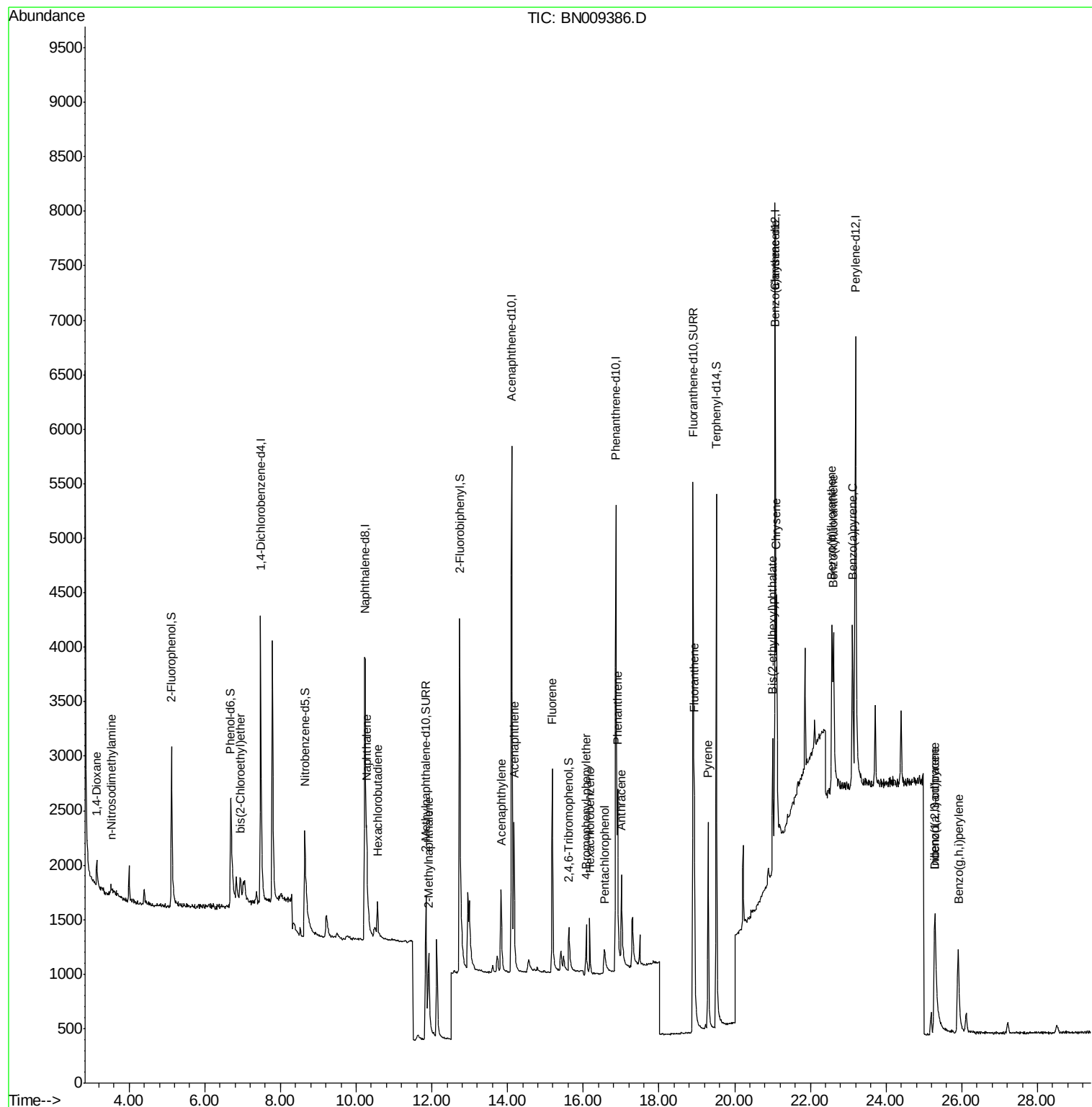
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009386.D
Acq On : 16 Jan 2020 15:59
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Sample : K3591-03
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ALS Vial : 5 Sample Multiplier: 1

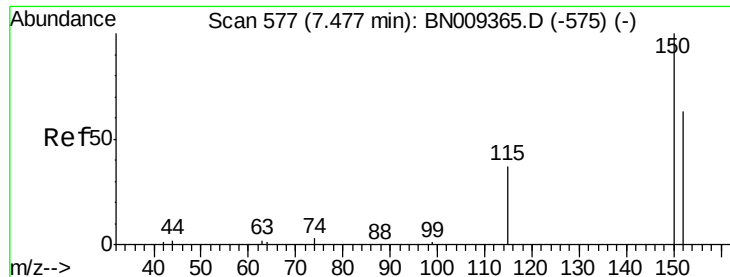
Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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Quant Time: Jan 16 16:43:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

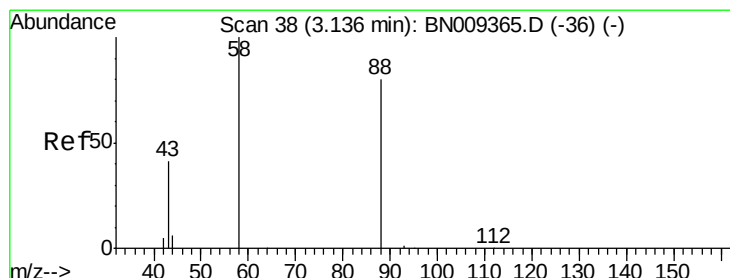
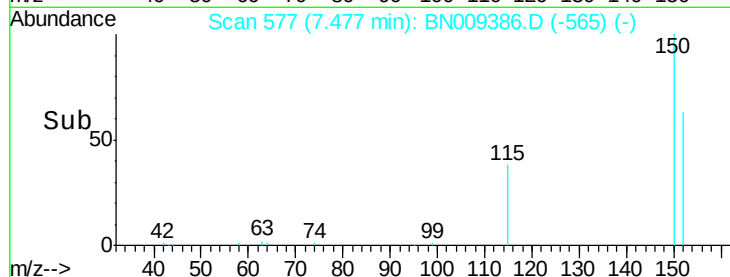
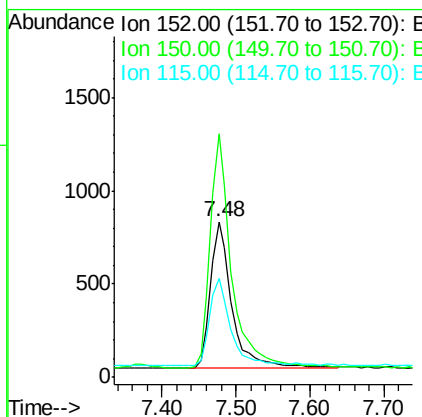
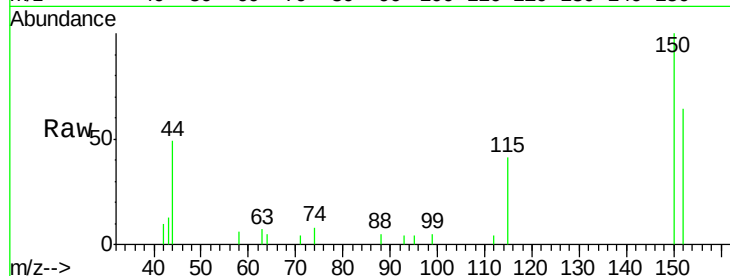
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	152	Resp:	1606
Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.7	188.5
115	63.5	53.3	79.9

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#2

1,4-Dioxane

Concen: 0.089 ng

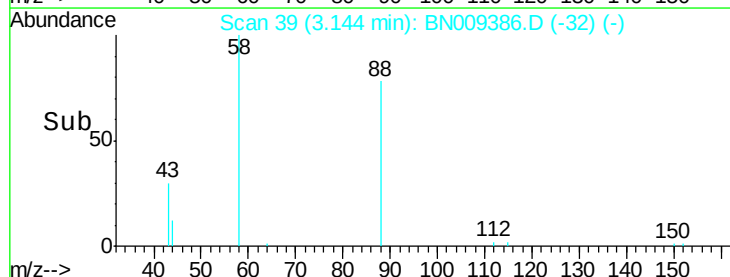
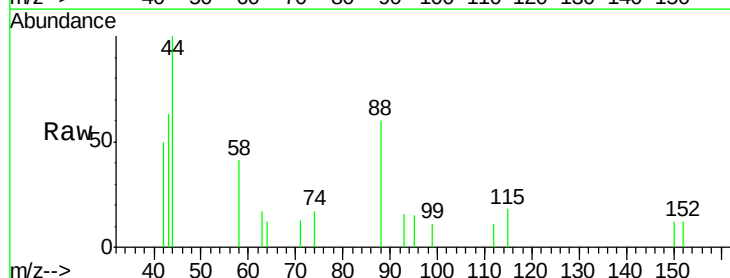
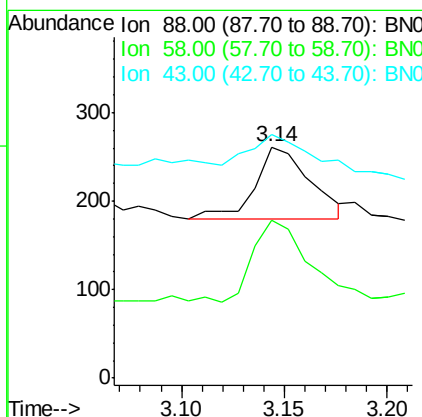
RT: 3.14 min Scan# 39

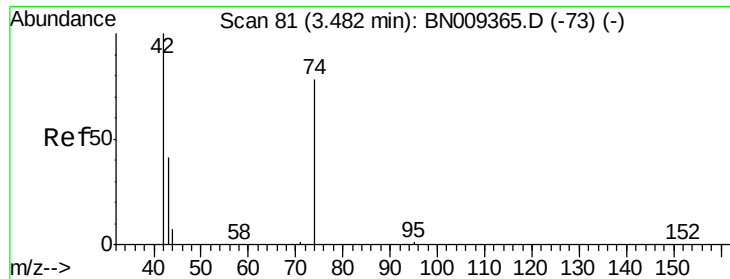
Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tgt Ion:	88	Resp:	149
Ion	Ratio	Lower	Upper
88	100		
58	111.4	100.2	150.2
43	37.6	43.1	64.7#





#3

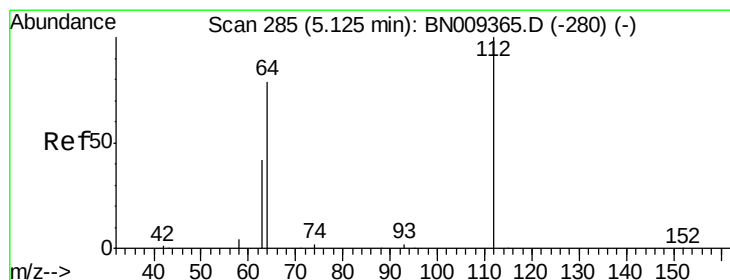
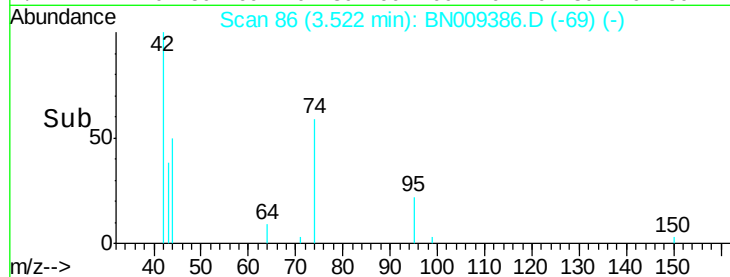
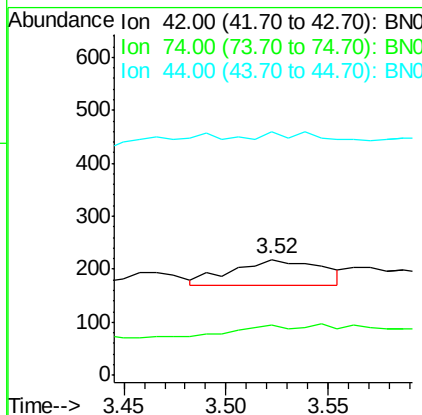
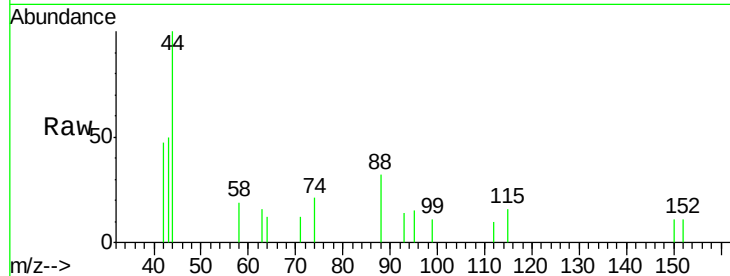
n-Nitrosodimethylamine
 Concen: 0.056 ng/ml
 RT: 3.52 min Scan# 86
 Delta R.T. 0.04 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	55.8	83.8#
44	0.0	11.1	16.7#

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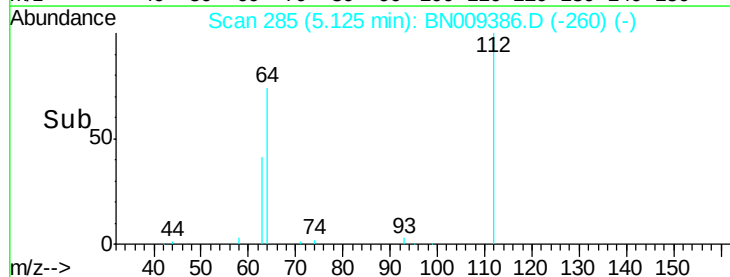
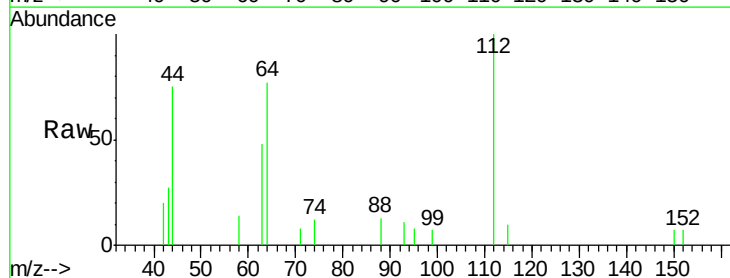
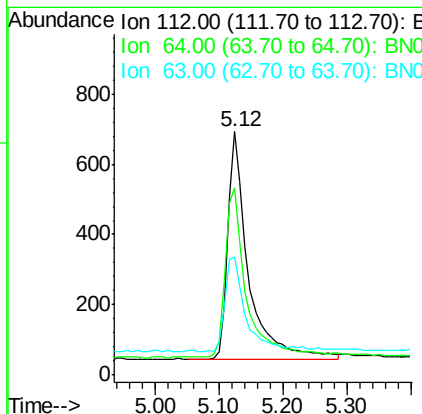
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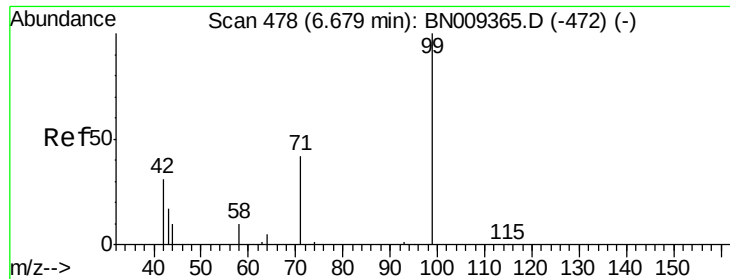


#4

2-Fluorophenol
 Concen: 0.392 ng/ml
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	61.5	92.3
63	39.8	35.0	52.4





#5

Phenol-d6

Concen: 0.387 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

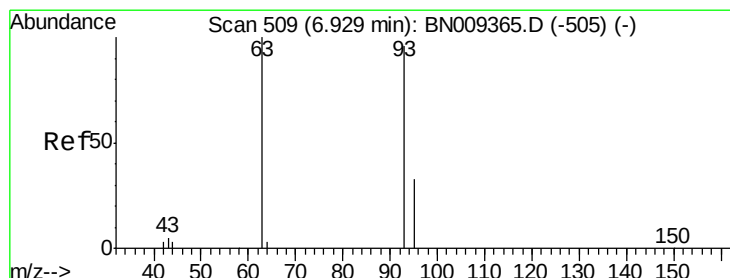
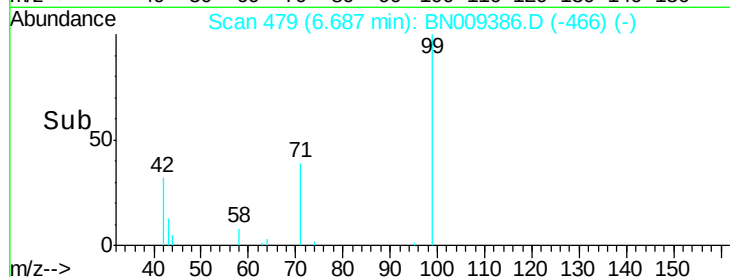
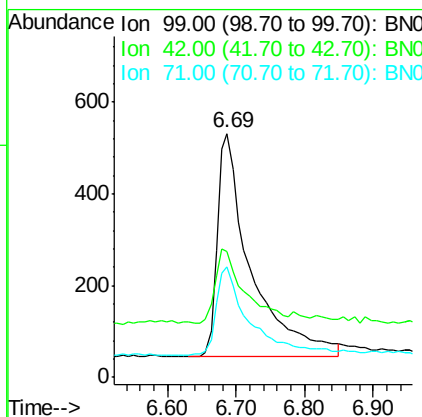
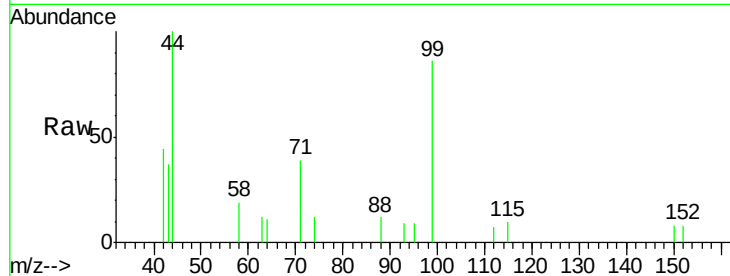
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	99	Resp:	1657
Ion	Ratio	Lower	Upper
99	100		
42	28.8	27.6	41.4
71	39.1	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.081 ng

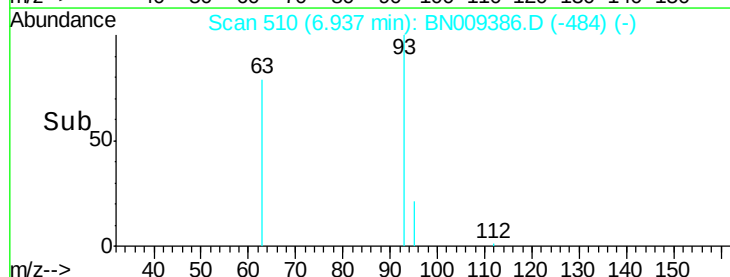
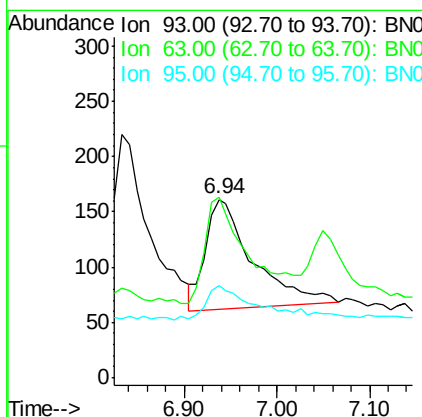
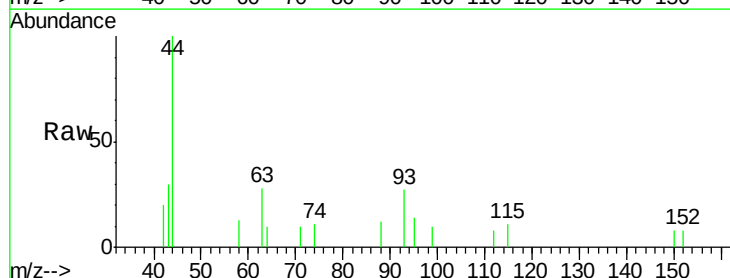
RT: 6.94 min Scan# 510

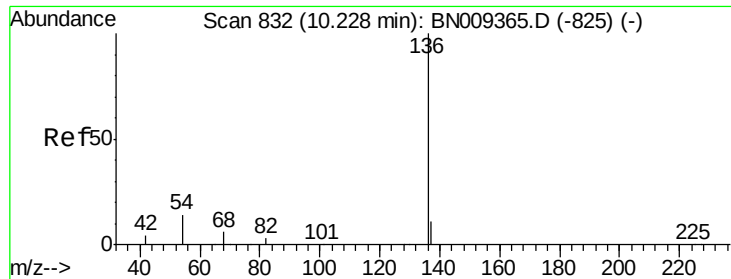
Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tgt Ion:	93	Resp:	357
Ion	Ratio	Lower	Upper
93	100		
63	89.9	85.1	127.7
95	37.0	30.2	45.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

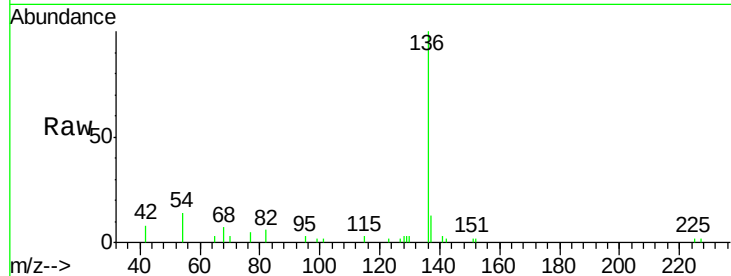
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		5459		
137	13.0			10.3	15.5
54	13.5			12.6	19.0
68	7.3			6.5	9.7

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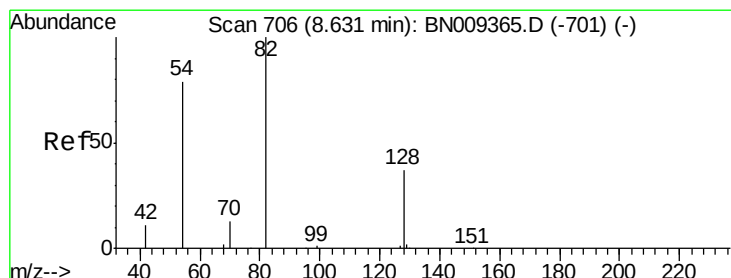
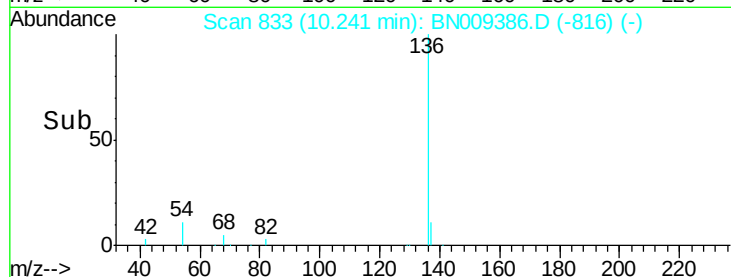
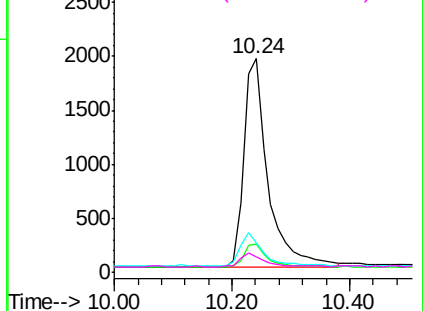


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

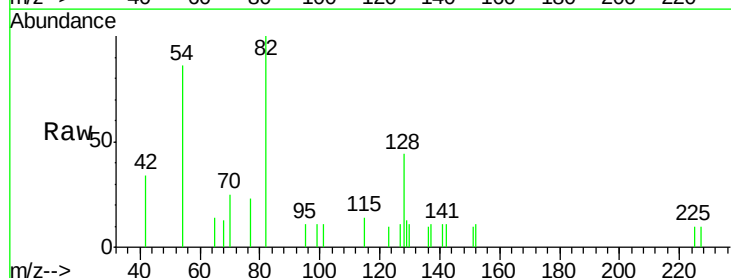
RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

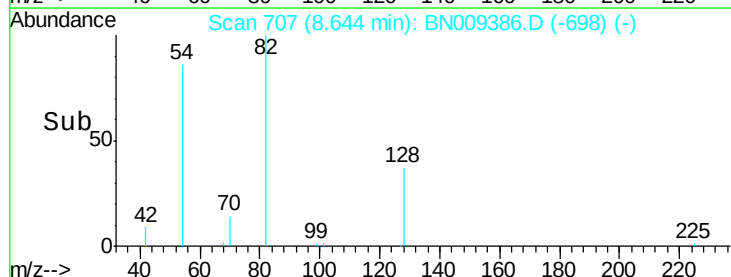
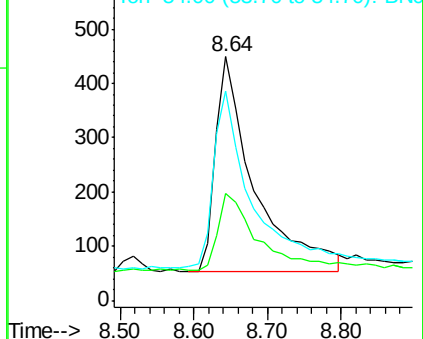
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1448		
128	44.1			34.8	52.2
54	86.2			65.8	98.6

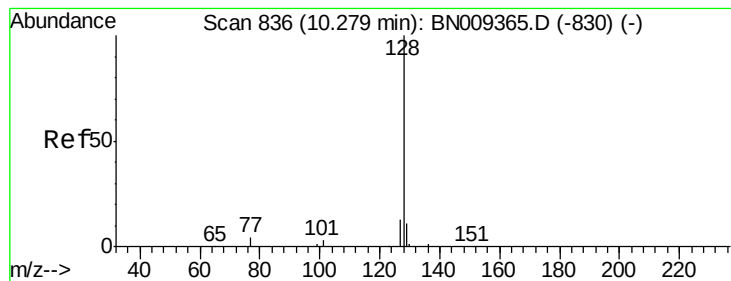


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.090 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

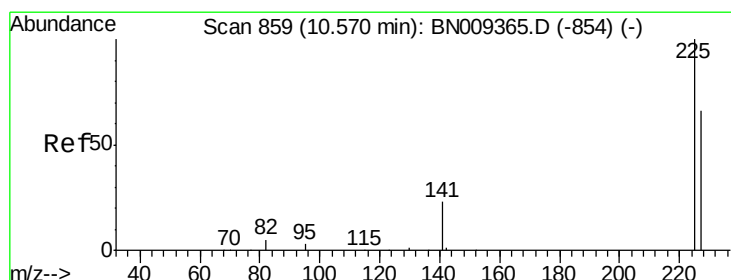
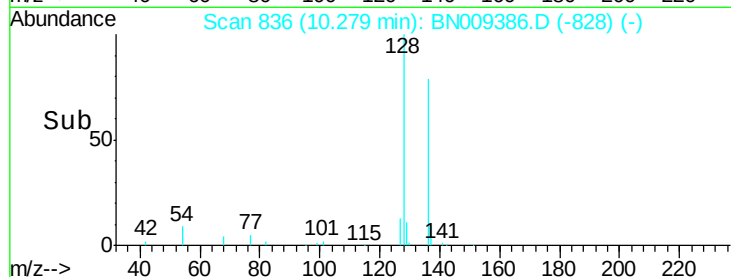
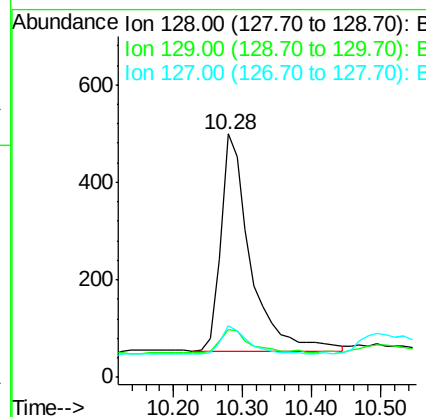
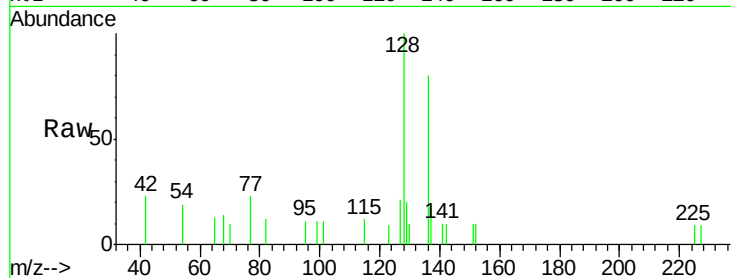
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion	128	Resp	1325
Ion	Ratio	Lower	Upper
128	100		
129	19.8	10.4	15.6#
127	21.2	11.4	17.2#

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#10

Hexachlorobutadiene

Concen: 0.083 ng

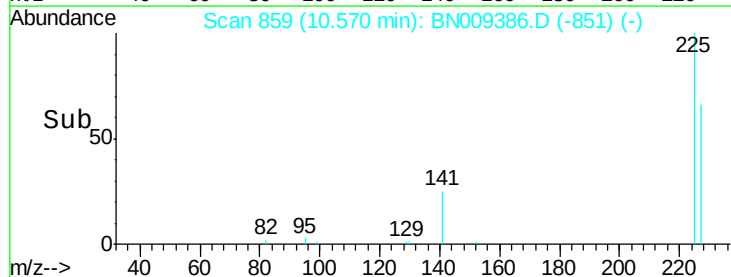
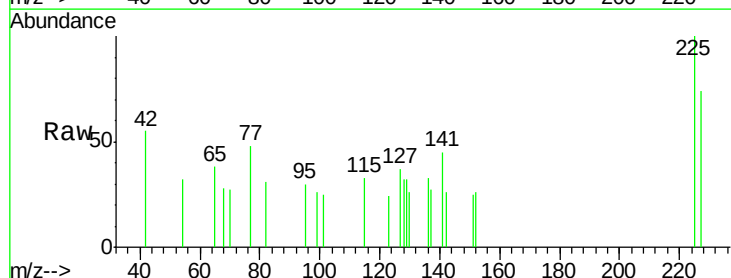
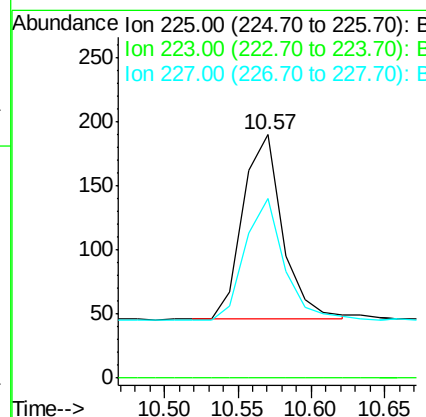
RT: 10.57 min Scan# 859

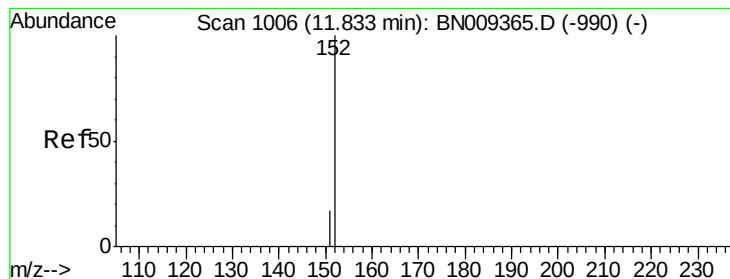
Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tgt Ion	225	Resp	268
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.7	52.6	78.8





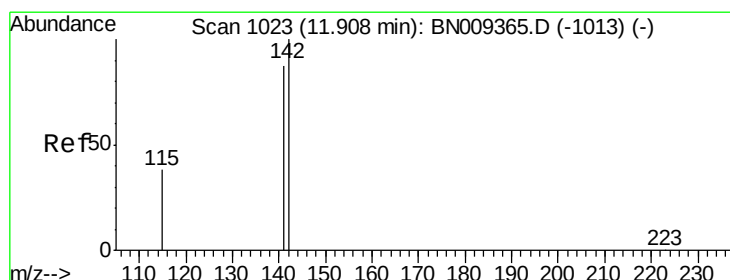
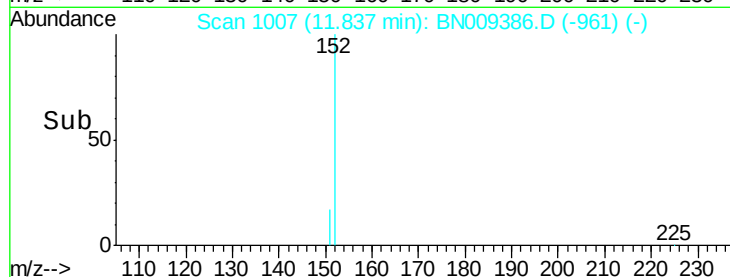
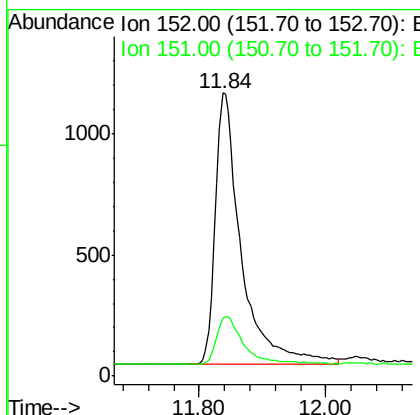
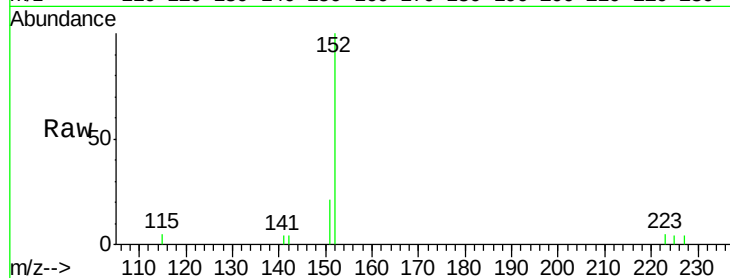
#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 11.84 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.8	22.2

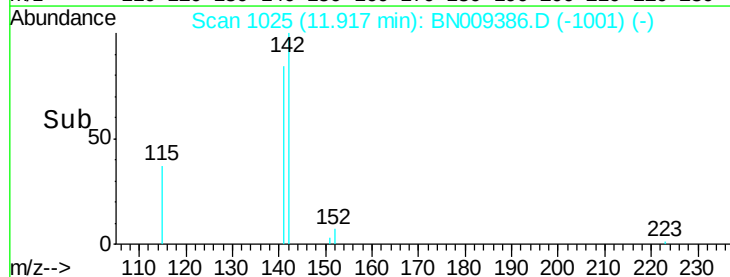
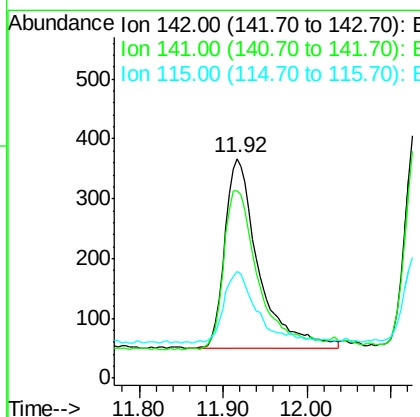
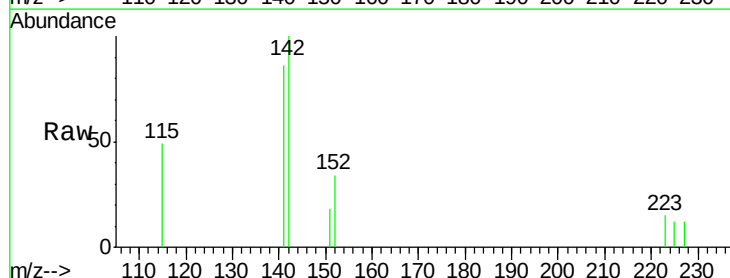
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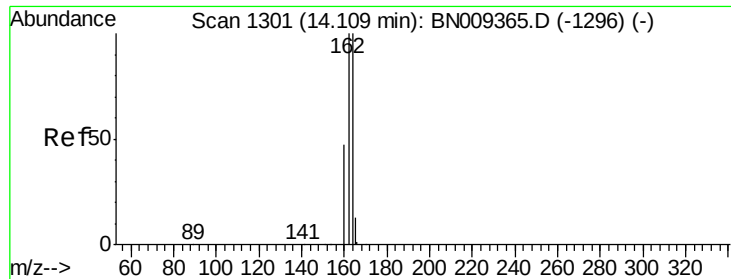
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#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.92 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.6	69.8	104.6
115	48.8	32.5	48.7#





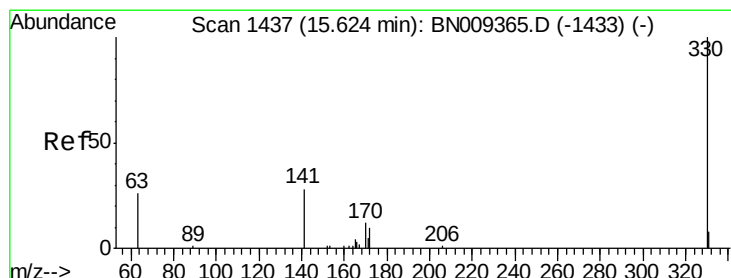
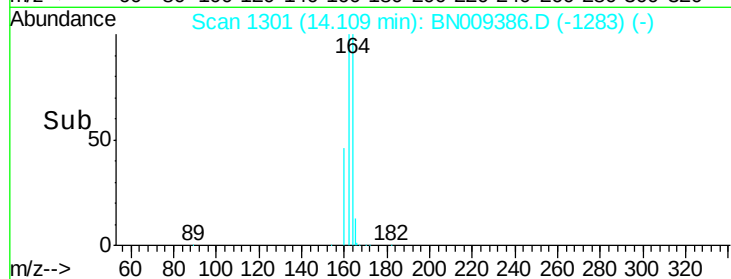
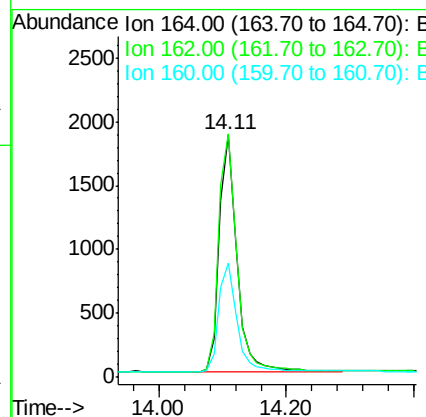
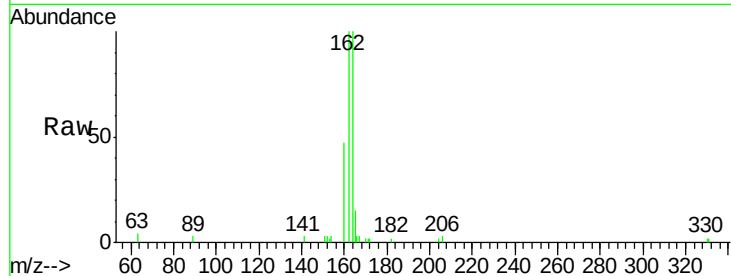
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.8	119.6
160	47.3	38.4	57.6

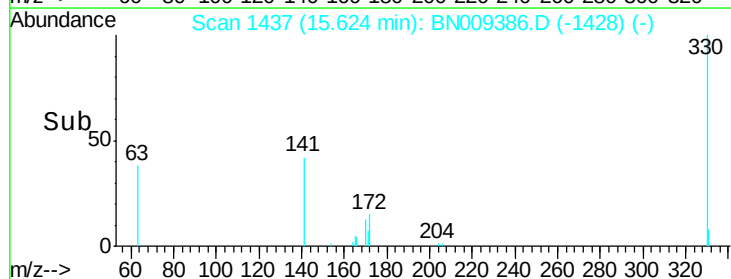
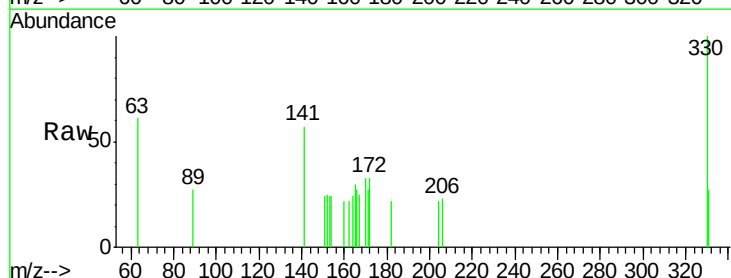
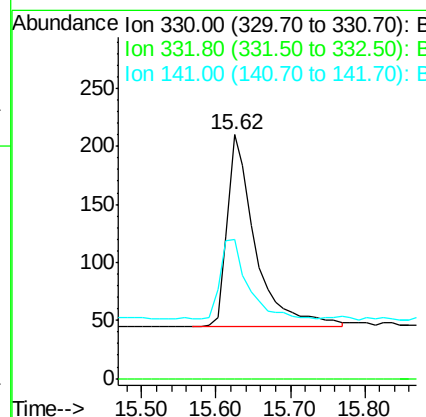
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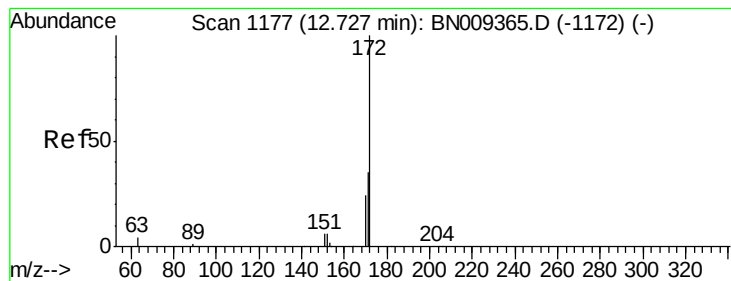
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#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.62 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	33.1	49.7





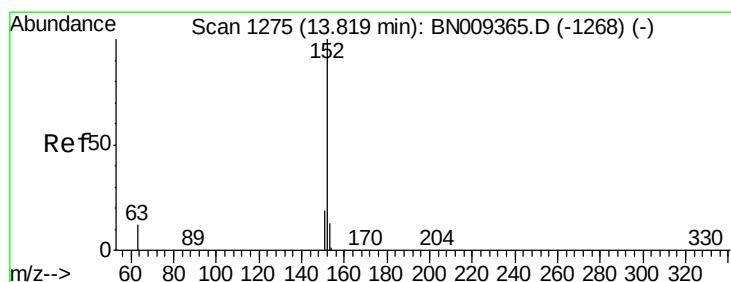
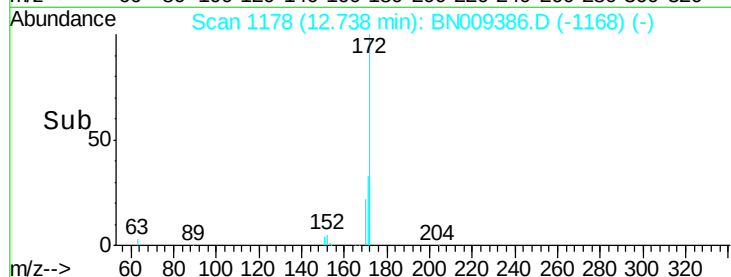
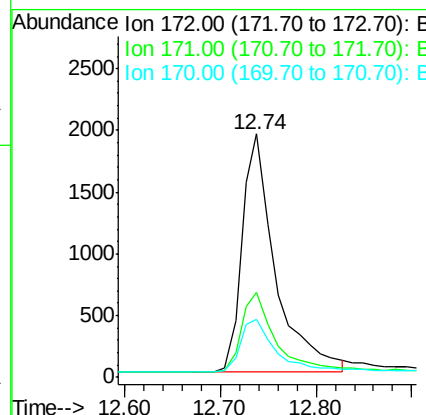
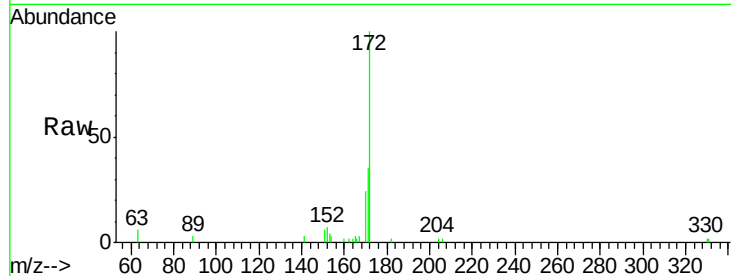
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.5	44.3
170	23.8	20.7	31.1

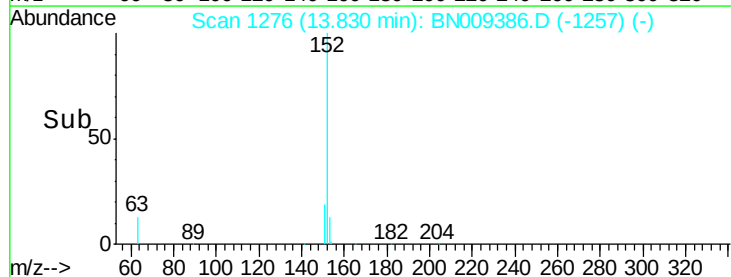
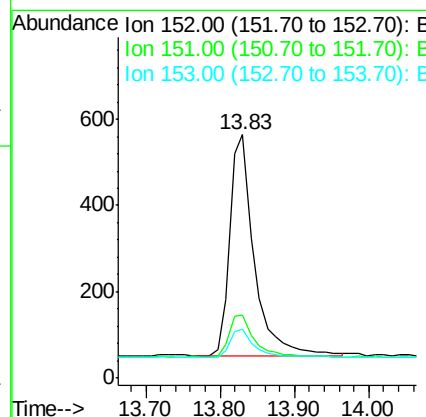
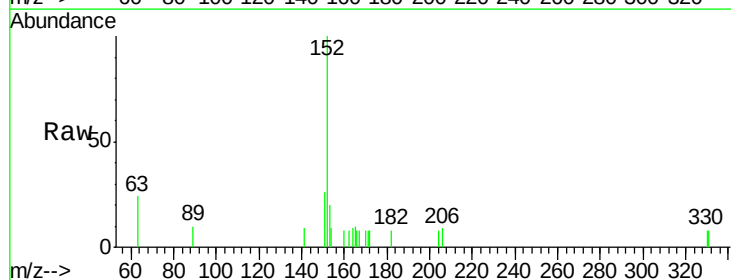
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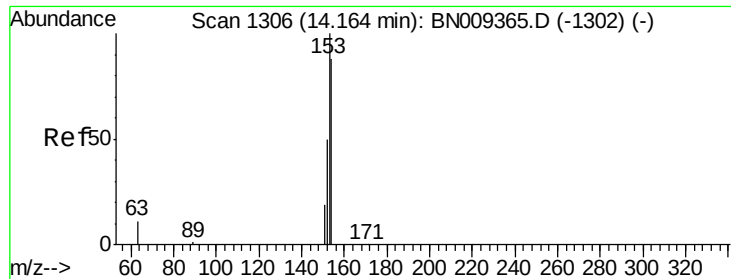
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#16
Acenaphthylene
Concen: 0.078 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.2
153	13.1	10.4	15.6





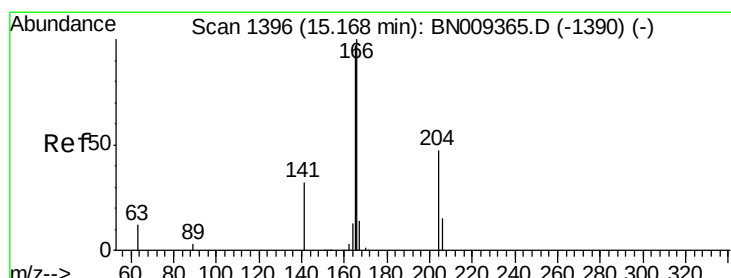
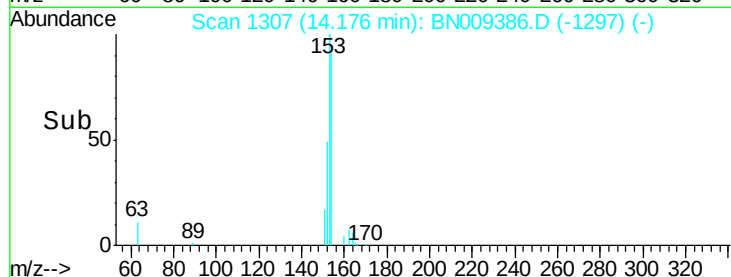
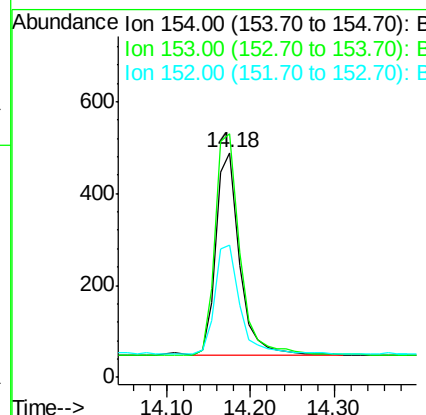
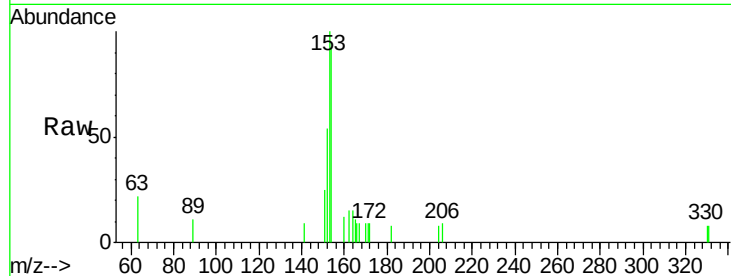
#17
Acenaphthene
Concen: 0.083 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.5	135.7
152	57.6	45.3	67.9

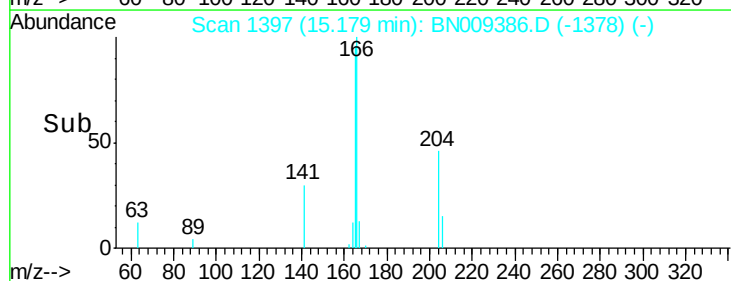
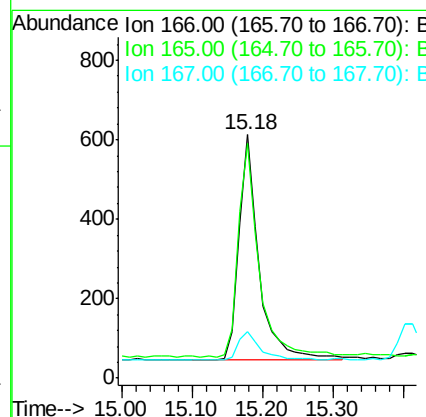
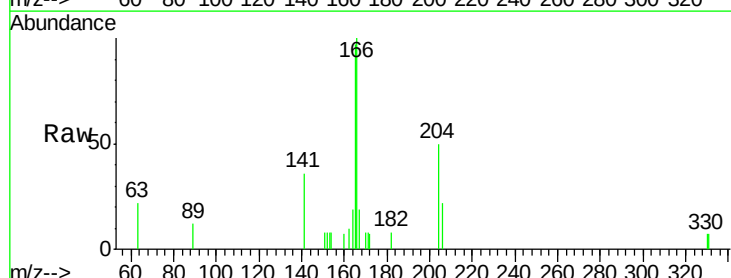
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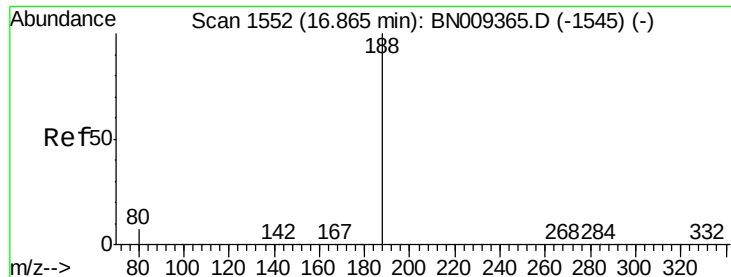
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#18
Fluorene
Concen: 0.082 ng
RT: 15.18 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.2	117.2
167	13.9	11.0	16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

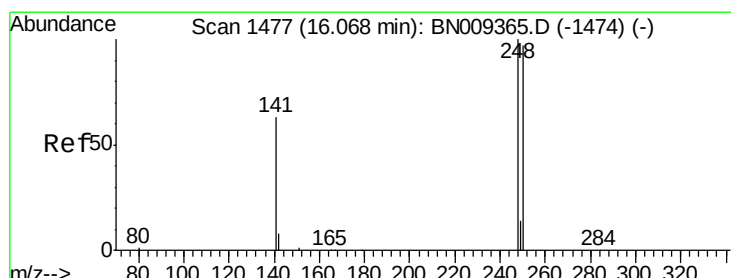
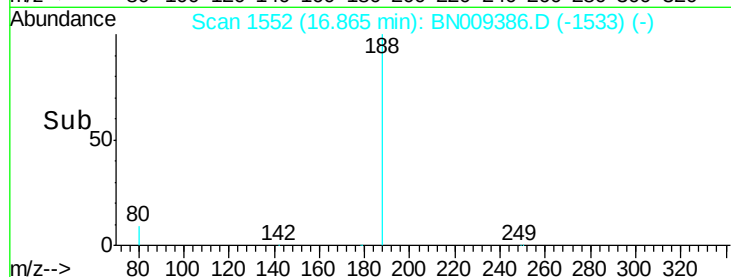
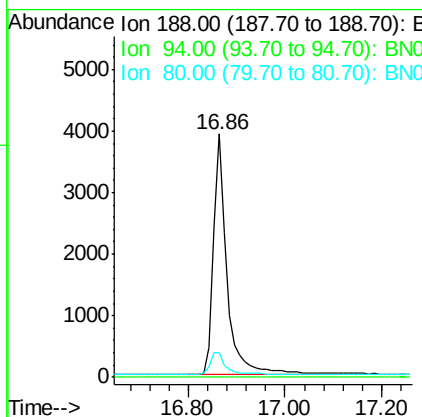
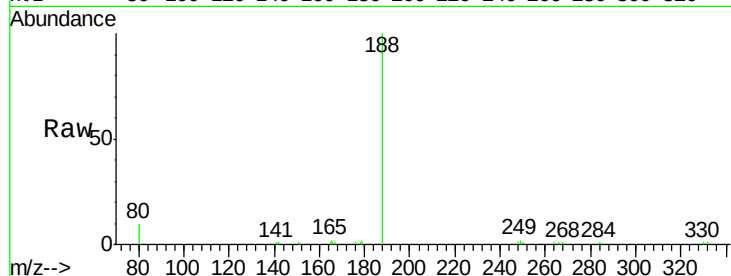
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	188	Resp:	7660
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.3	6.6	10.0#

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#20

4-Bromophenyl-phenylether

Concen: 0.079 ng

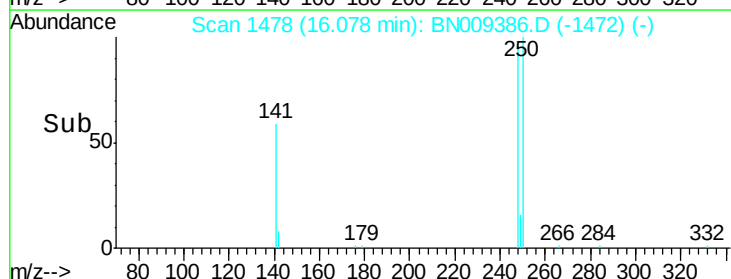
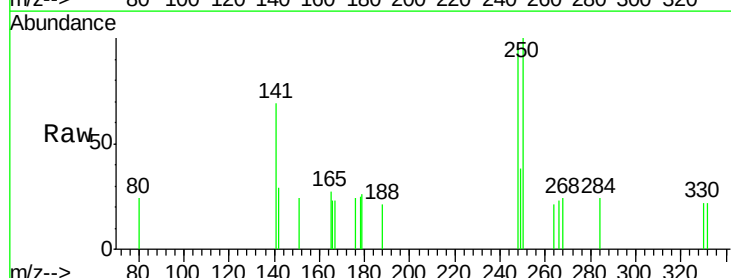
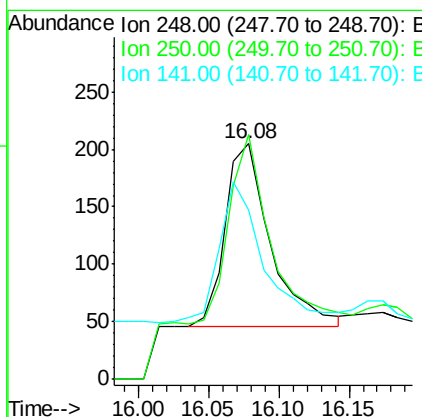
RT: 16.08 min Scan# 1478

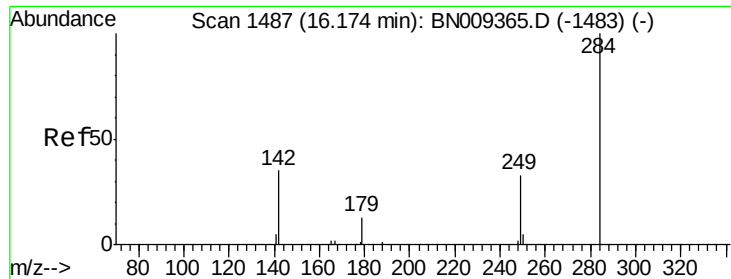
Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tgt Ion:	248	Resp:	363
Ion Ratio	Lower	Upper	
248	100		
250	103.9	77.8	116.8
141	71.7	53.4	80.0





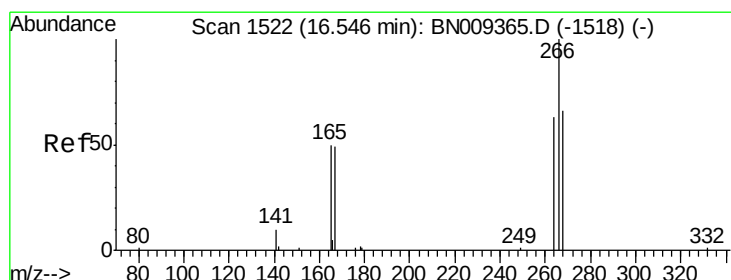
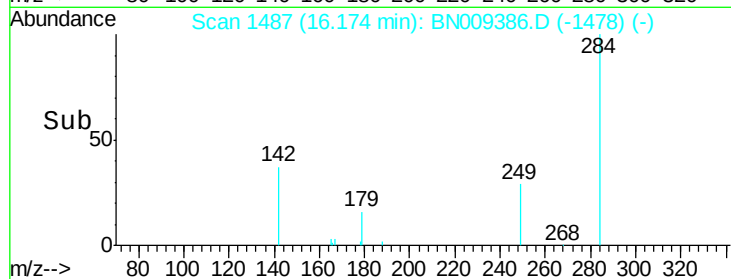
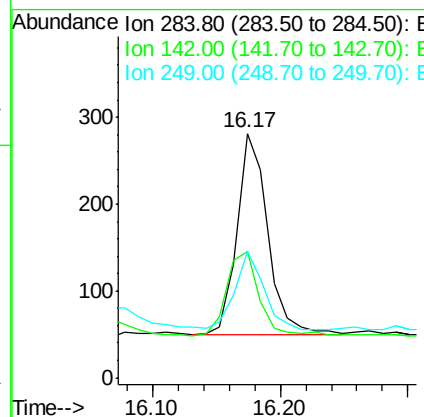
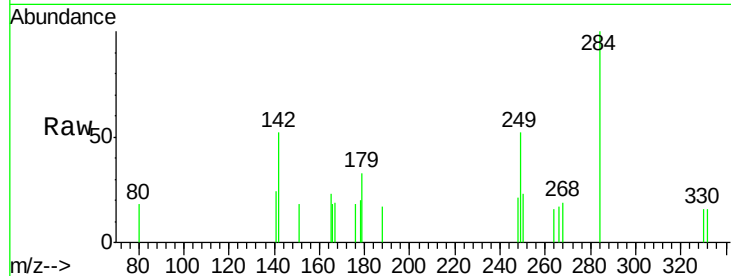
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	284	Resp:	394
Ion Ratio	Lower	Upper	
284	100		
142	45.4	33.8	50.8
249	36.8	27.0	40.4

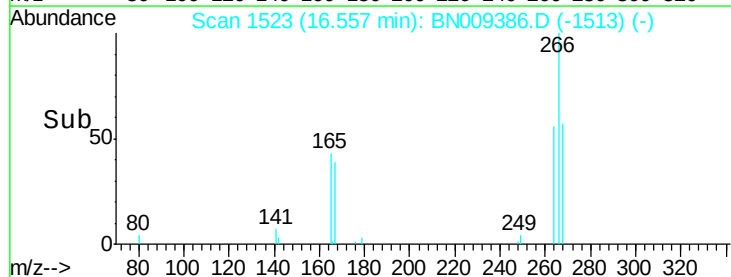
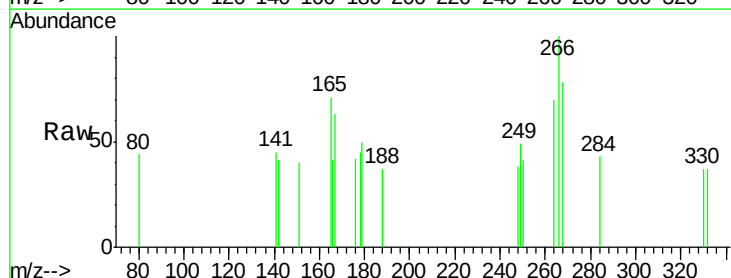
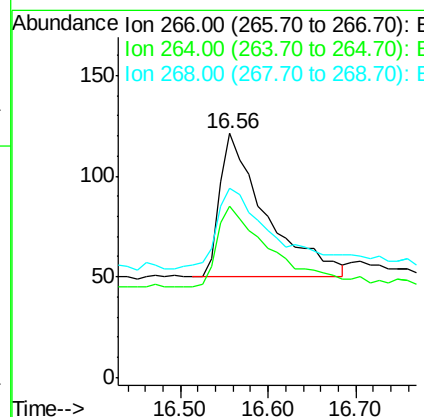
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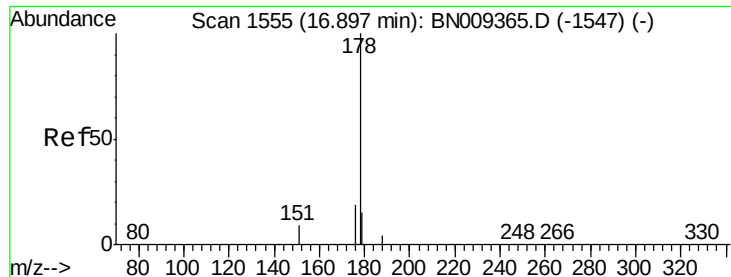
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#22
Pentachlorophenol
Concen: 0.189 ng
RT: 16.56 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion:	266	Resp:	260
Ion Ratio	Lower	Upper	
266	100		
264	70.2	57.8	86.6
268	77.7	63.8	95.6





#23

Phenanthrene

Concen: 0.082 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

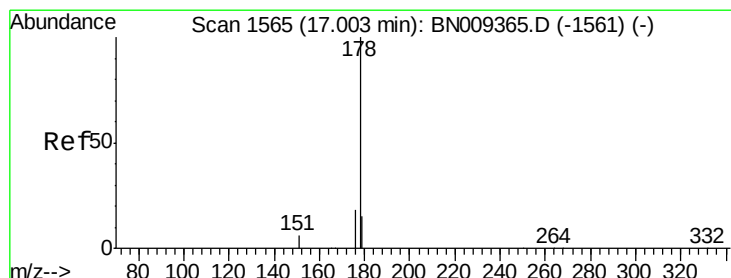
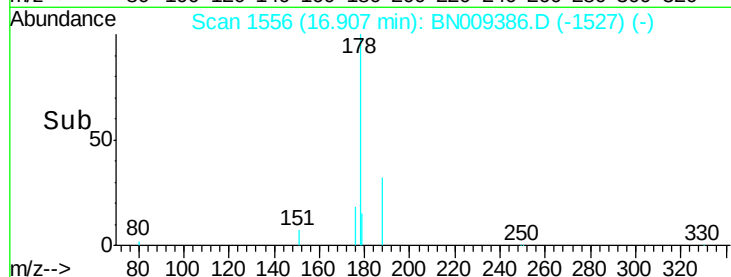
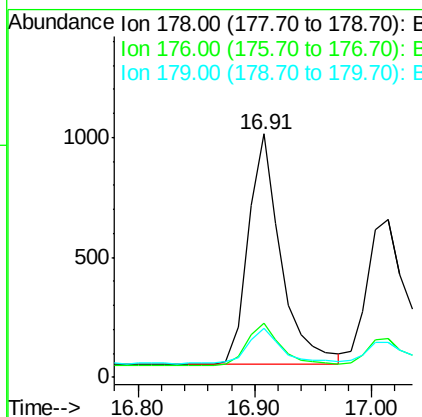
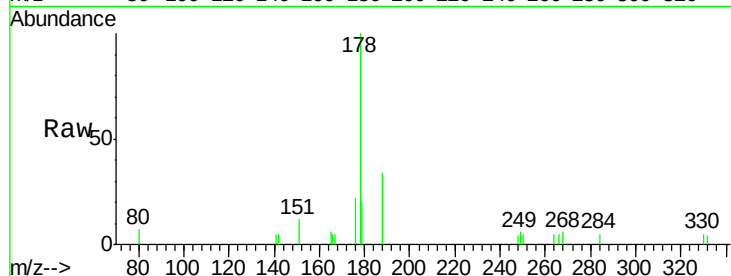
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	178	Resp:	1876
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.4
179	16.1	12.3	18.5

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#24

Anthracene

Concen: 0.076 ng

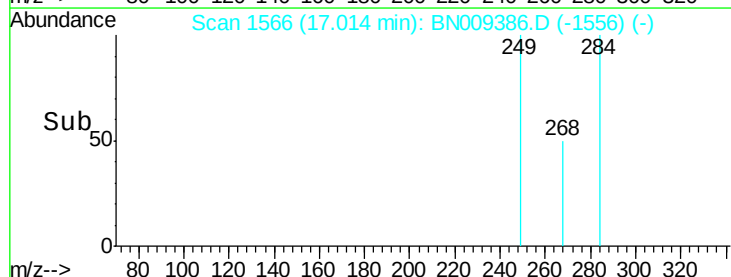
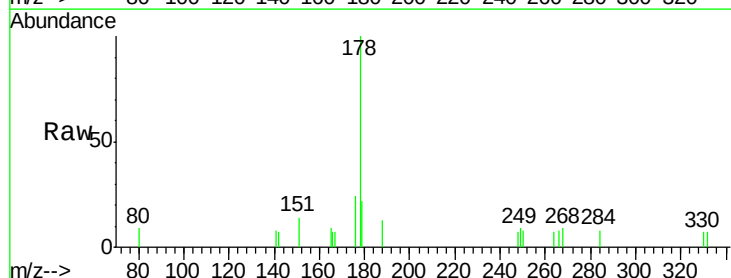
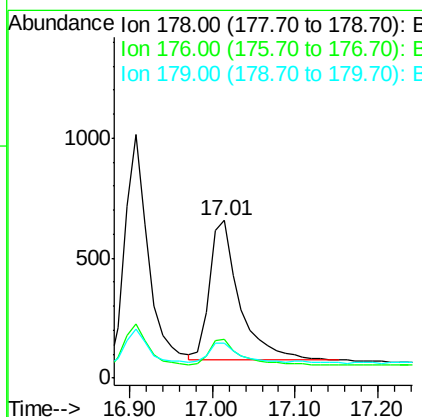
RT: 17.01 min Scan# 1566

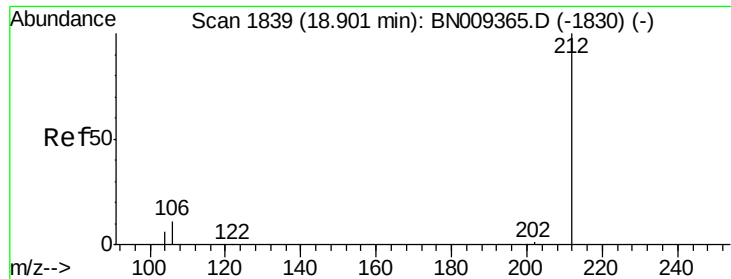
Delta R.T. 0.01 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tgt Ion:	178	Resp:	1469
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.6	21.8
179	15.9	12.5	18.7





#25

Fluoranthene-d10

Concen: 0.303 ng

RT: 18.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

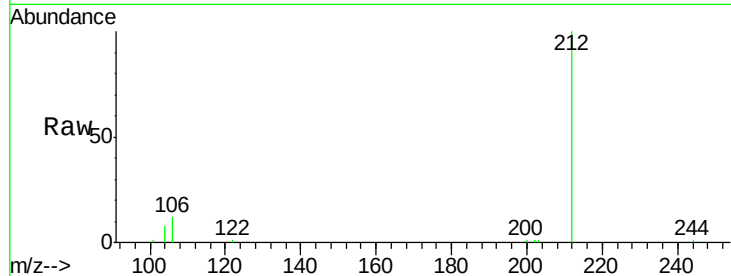
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

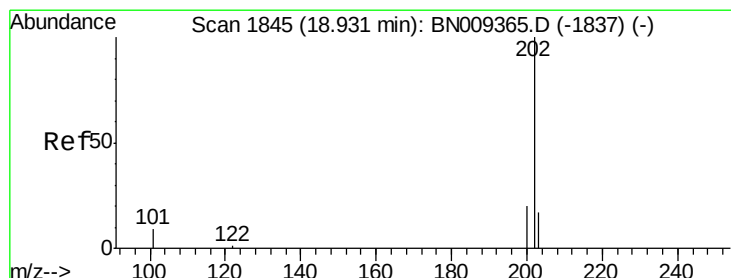
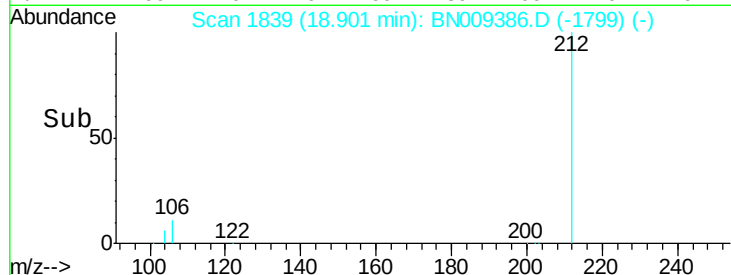
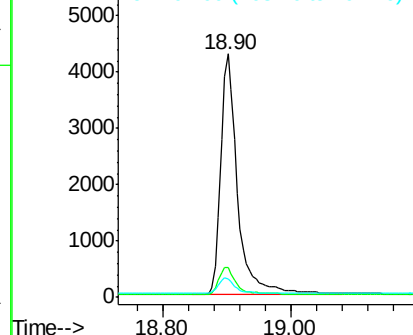
Tot Ion:	212	Resp:	7962
Ion Ratio	Lower	Upper	
212	100		
106	11.6	9.2	13.8
104	6.4	5.4	8.0

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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



#26

Fluoranthene

Concen: 0.083 ng

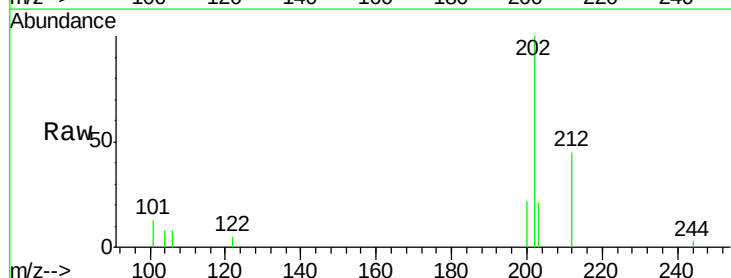
RT: 18.93 min Scan# 1845

Delta R.T. -0.00 min

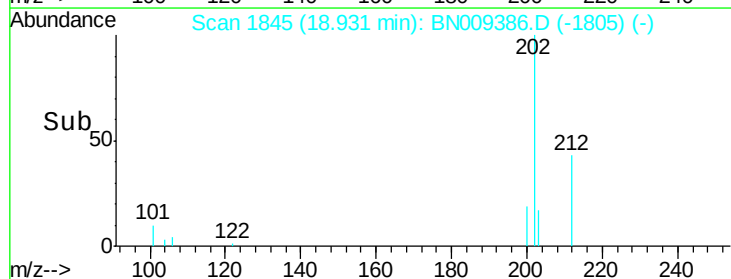
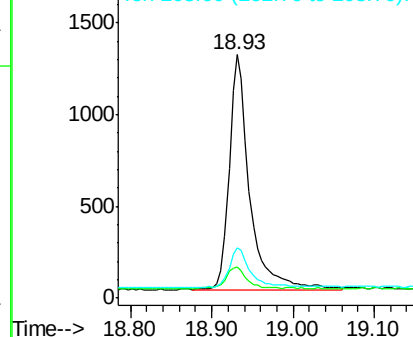
Lab File: BN009386.D

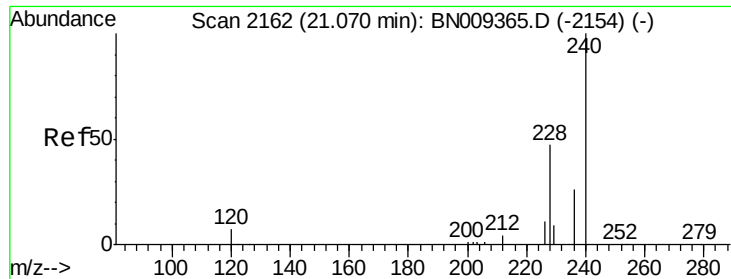
Acq: 16 Jan 2020 15:59

Tgt Ion:	202	Resp:	2228
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.0	12.0
203	17.4	13.5	20.3



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





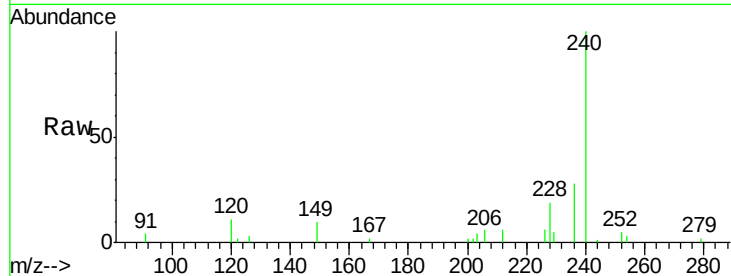
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

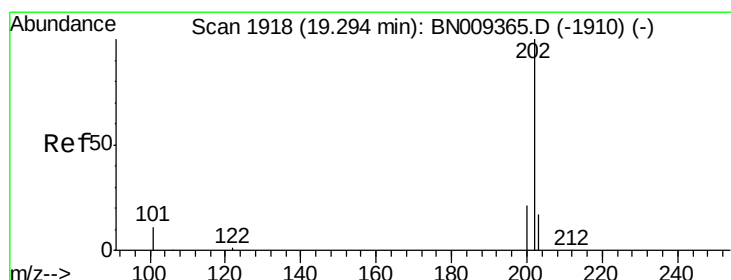
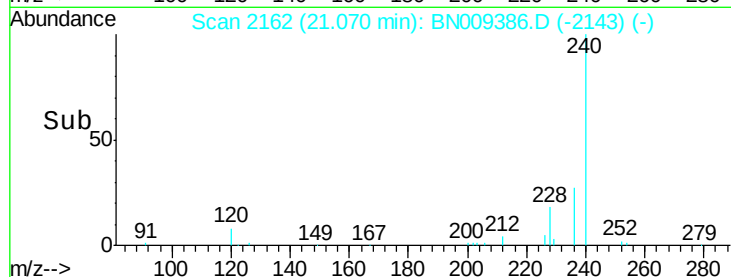
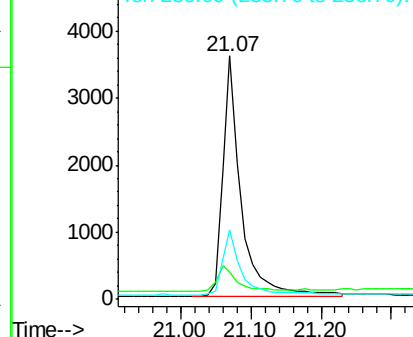
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	28.3	22.2	33.4

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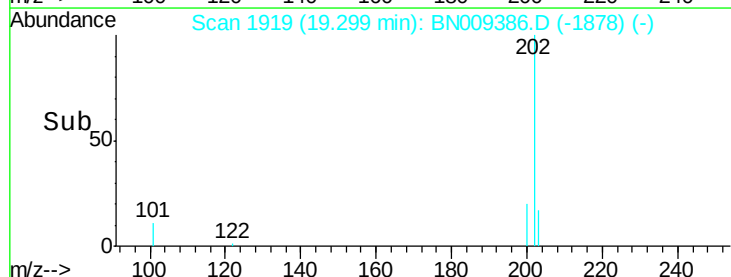
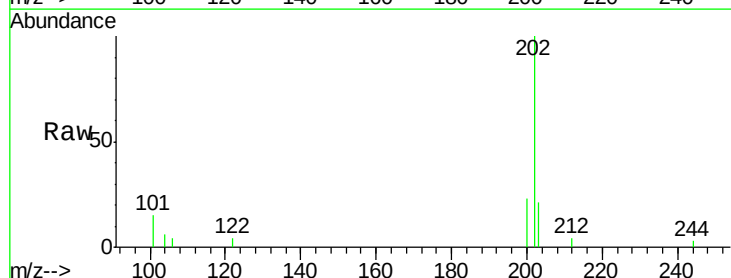
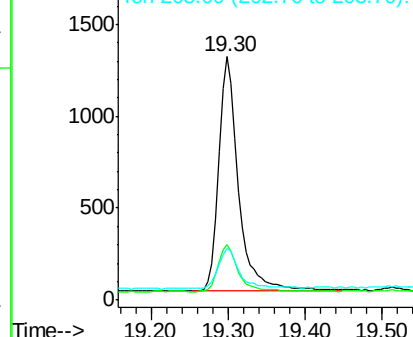
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

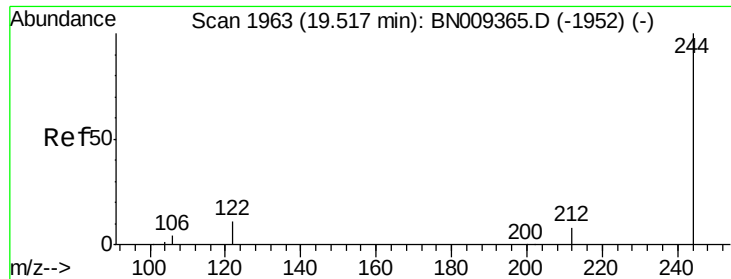


#28
Pyrene
Concen: 0.091 ng
RT: 19.30 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.4	14.1	21.1

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





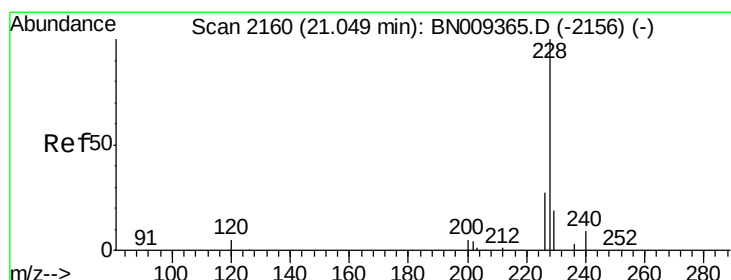
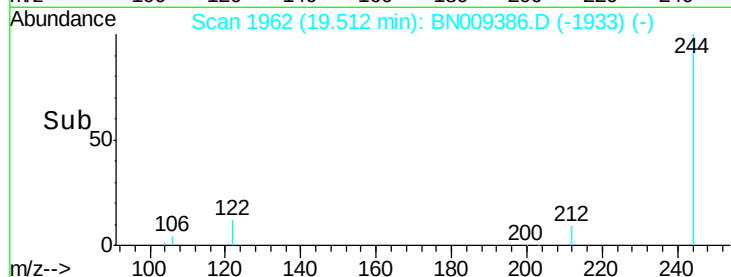
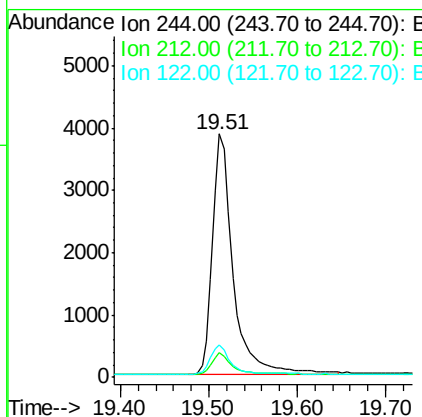
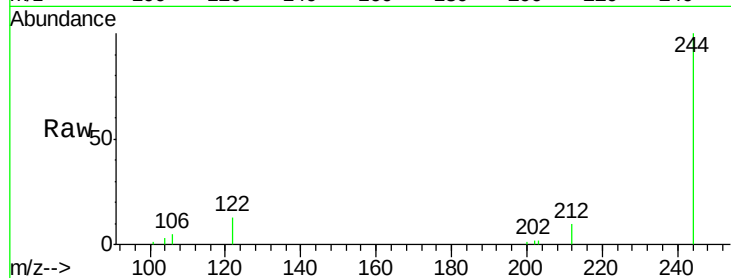
#29
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 19.51 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Instrument :
 BNA_N
 ClientSampleID :
 MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.5	11.3
122	13.1	9.8	14.6

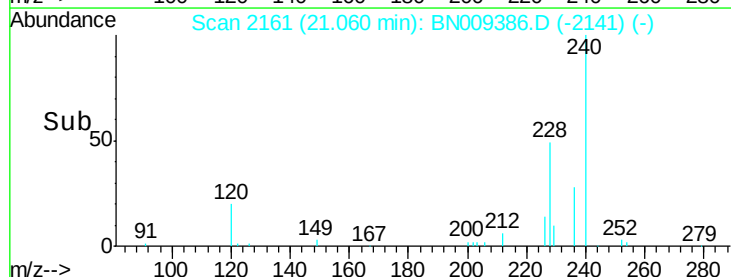
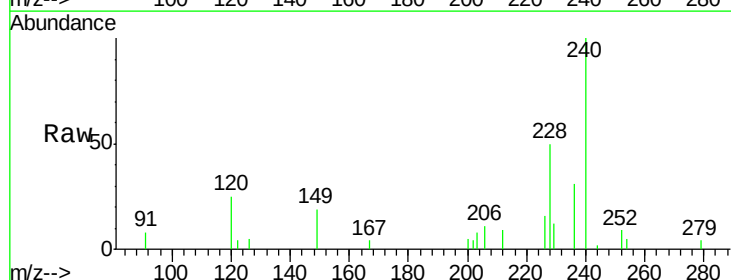
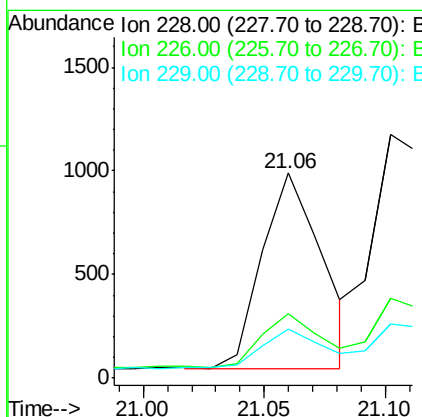
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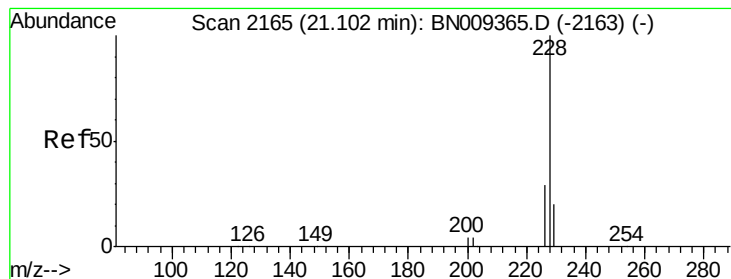
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#30
 Benzo(a)anthracene
 Concen: 0.077 ng m
 RT: 21.06 min Scan# 2161
 Delta R.T. 0.01 min
 Lab File: BN009386.D
 Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.5	33.7
229	24.3	16.1	24.1#





#31

Chrysene

Concen: 0.094 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Instrument :

BNA_N

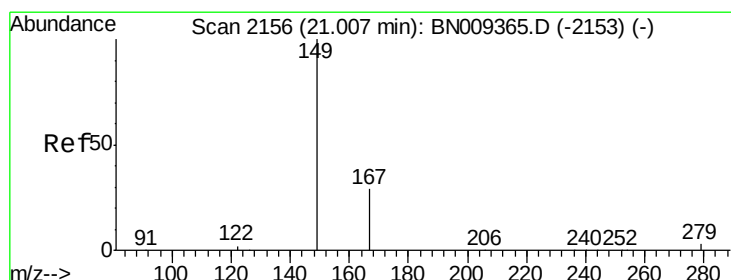
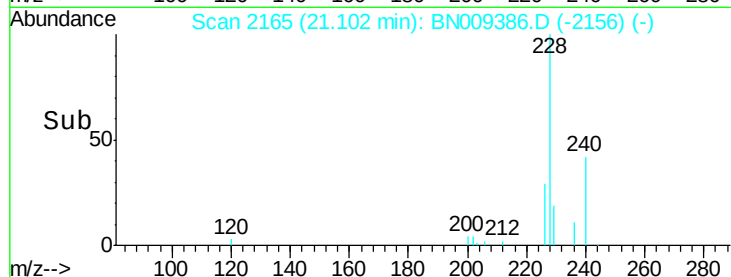
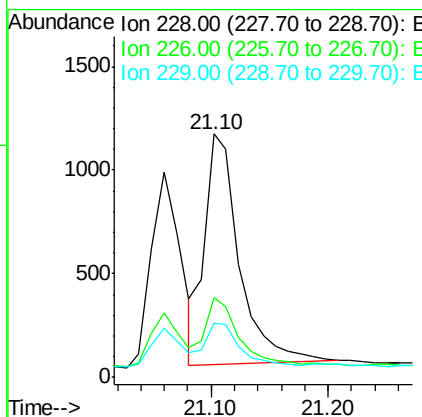
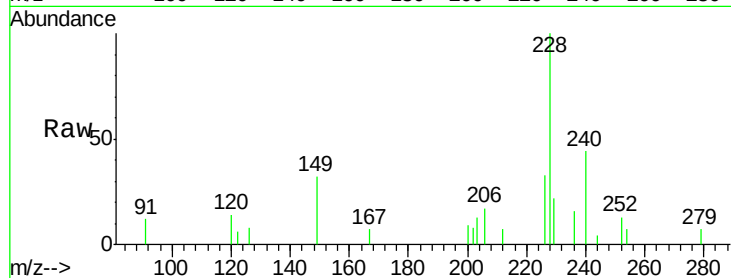
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	228	Resp:	2296
Ion Ratio	Lower	Upper	
228	100		
226	32.7	23.8	35.8
229	22.4	16.6	24.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.099 ng

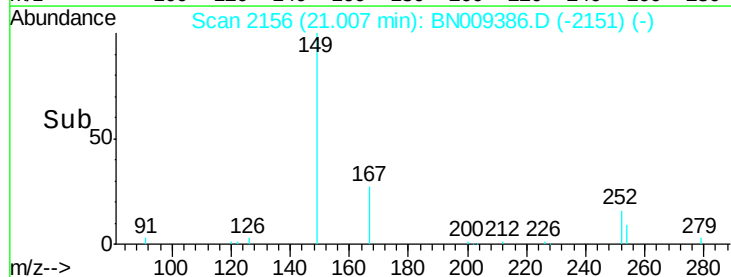
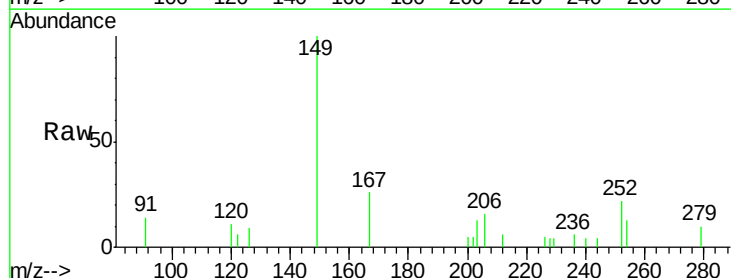
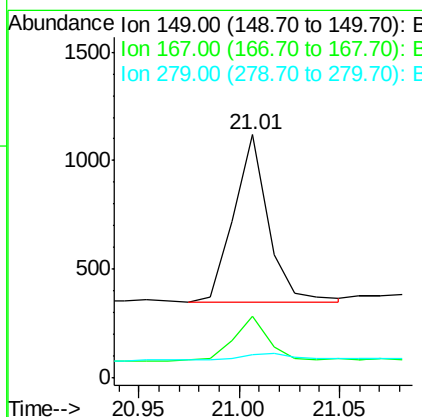
RT: 21.01 min Scan# 2156

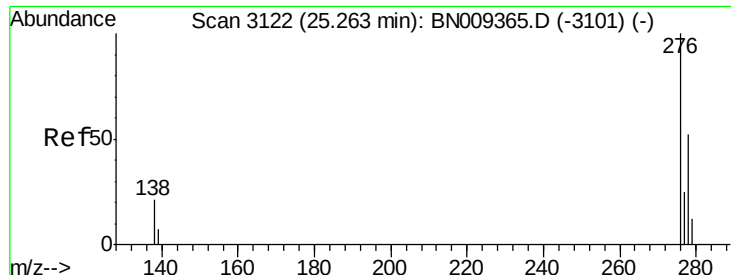
Delta R.T. -0.00 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tgt Ion:	149	Resp:	936
Ion Ratio	Lower	Upper	
149	100		
167	24.7	22.9	34.3
279	4.8	3.4	5.0





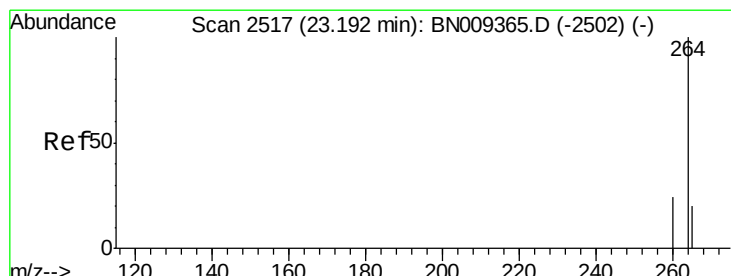
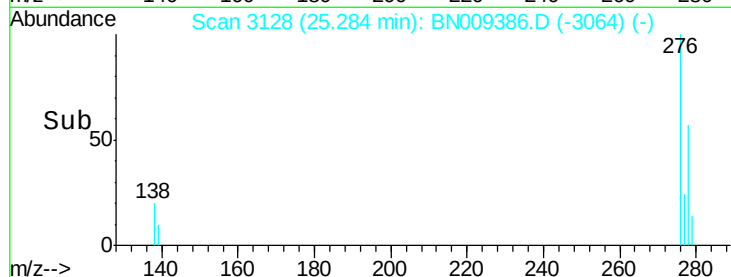
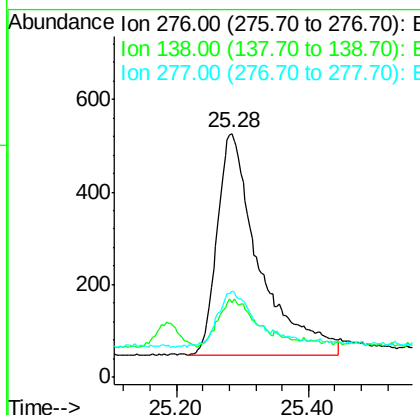
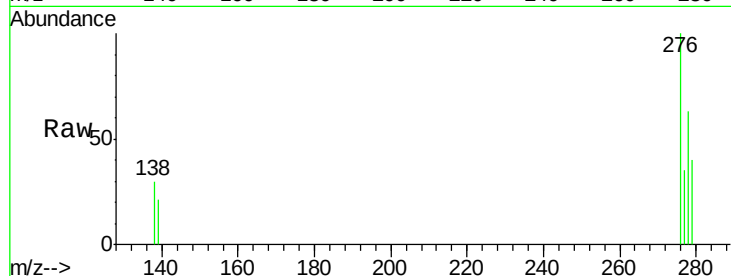
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 25.28 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.9	23.9
277	19.4	19.8	29.6#

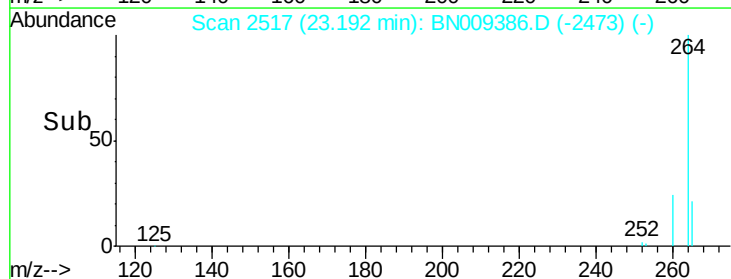
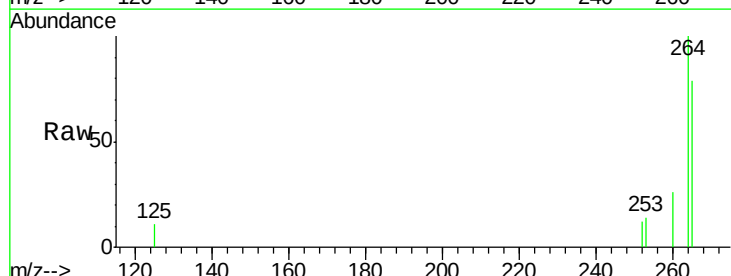
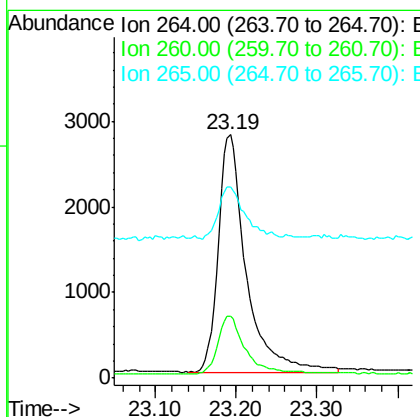
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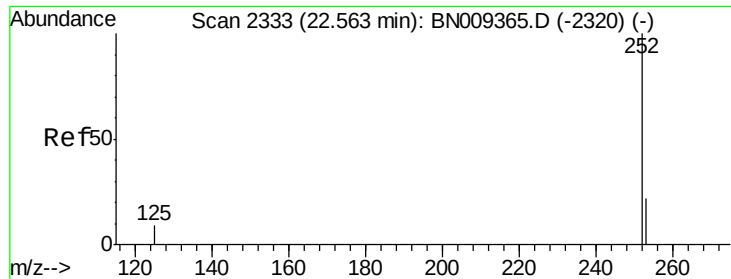
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	78.5	68.2	102.4





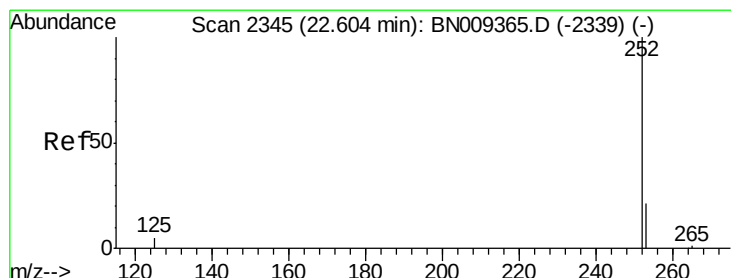
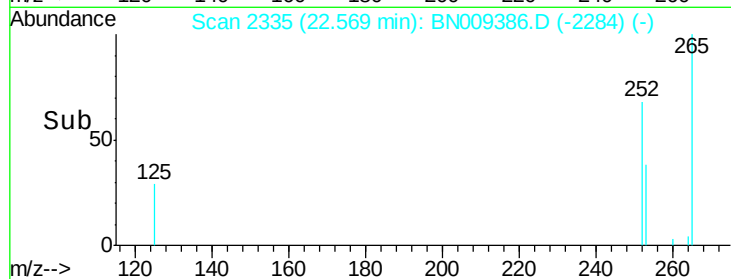
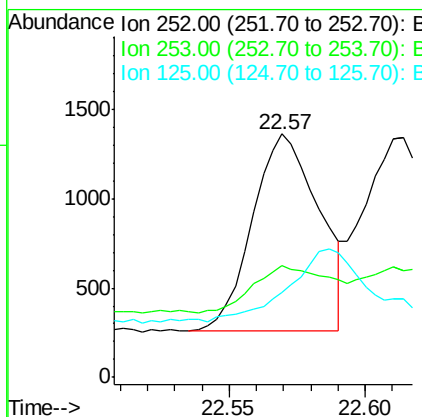
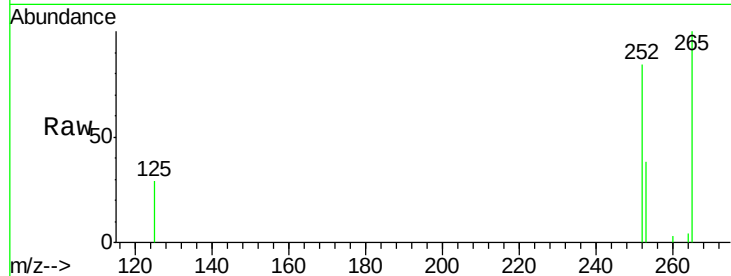
#35
Benzo(b)fluoranthene
Concen: 0.076 ng
RT: 22.57 min Scan# 2335
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	45.7	22.4	33.6#
125	34.7	11.6	17.4#

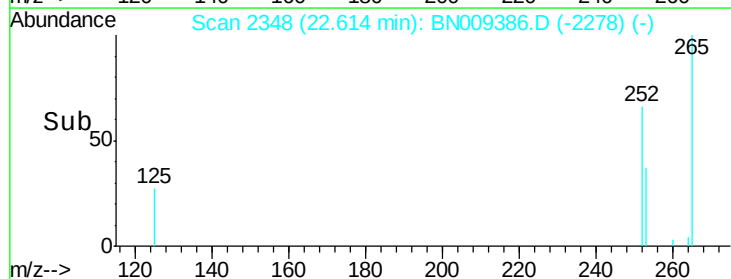
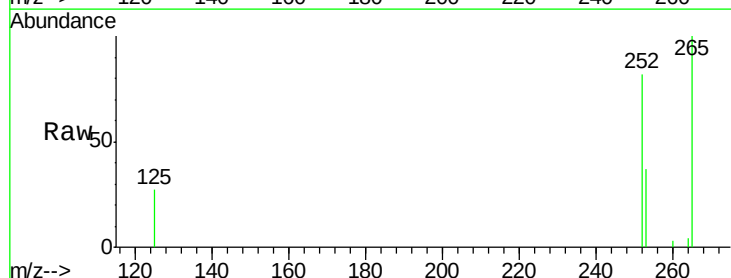
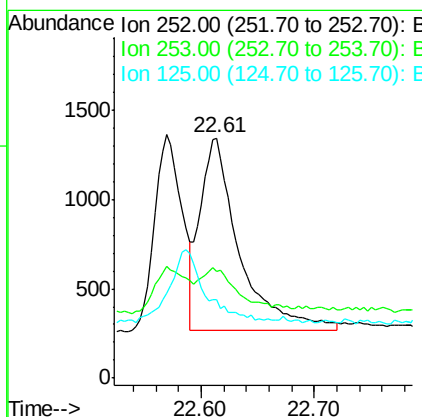
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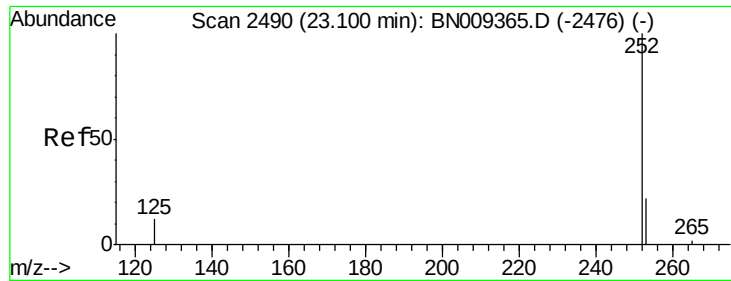
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#36
Benzo(k)fluoranthene
Concen: 0.098 ng m
RT: 22.61 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.6	21.9	32.9#
125	32.6	12.0	18.0#





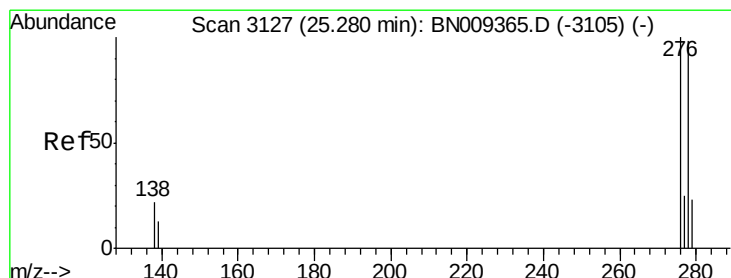
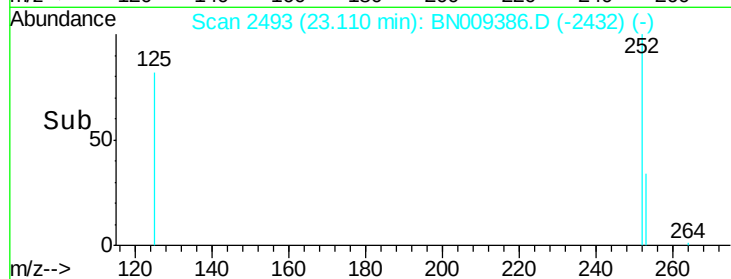
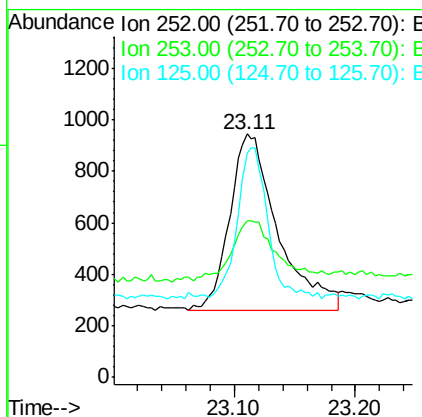
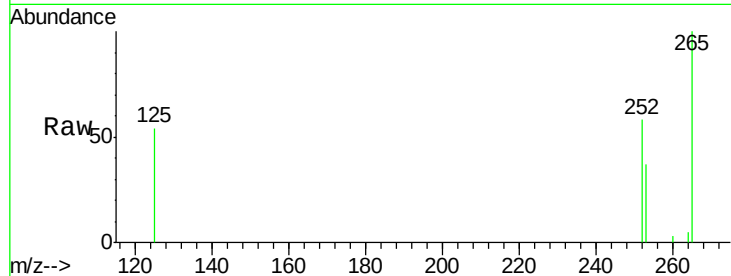
#37
Benzo(a)pyrene
Concen: 0.087 ng
RT: 23.11 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	64.2	25.4	38.0#
125	92.2	16.2	24.2#

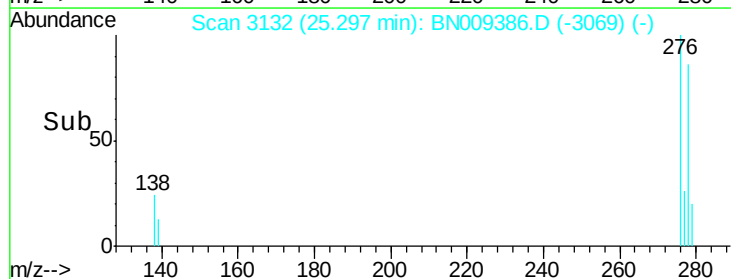
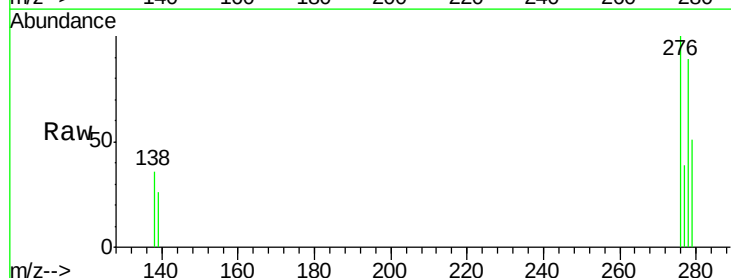
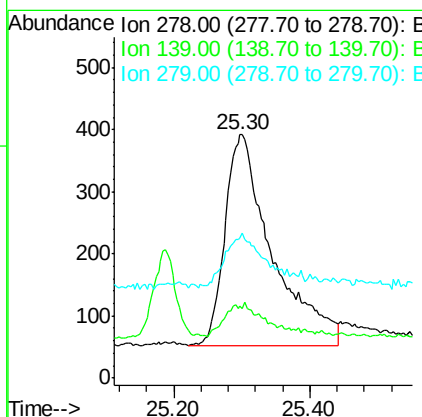
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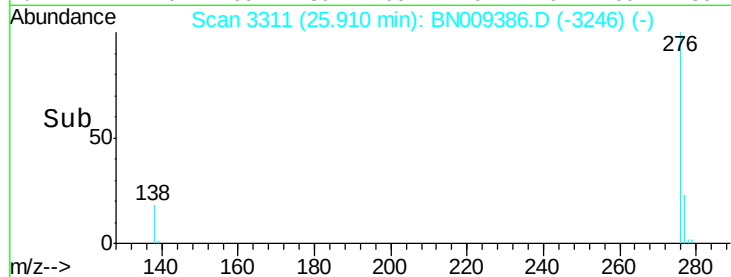
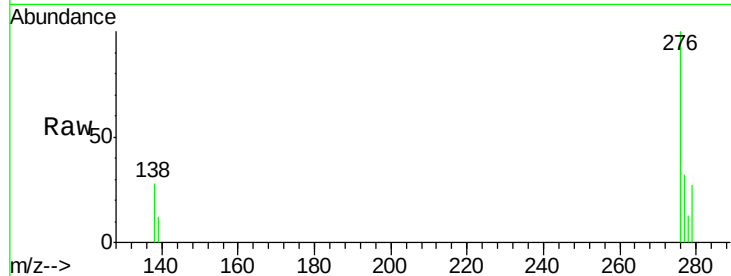
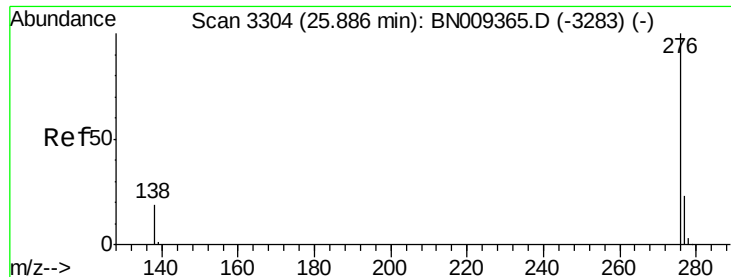
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#38
Dibenzo(a,h)anthracene
Concen: 0.075 ng
RT: 25.30 min Scan# 3132
Delta R.T. 0.02 min
Lab File: BN009386.D
Acq: 16 Jan 2020 15:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	14.5	21.7#
279	57.4	24.2	36.4#





#39

Benzo(a,h,i)perylene

Concen: 0.082 ng

RT: 25.91 min Scan# 3311

Delta R.T. 0.02 min

Lab File: BN009386.D

Acq: 16 Jan 2020 15:59

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.4	20.6	30.8#
138	27.7	17.1	25.7#

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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