

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
 Data File : BN011088.D
 Acq On : 02 Jul 2020 16:30
 Operator : CG/JU
 Sample : L1955-03
 Misc : MDL-SOIL-03
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Manual Integrations
 APPROVED

Sohil
 7/7/2020 8:20:27 AM

Quant Time: Jul 02 17:06:59 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 30 14:12:13 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1631	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	4837	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	2665	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	5137	0.40	ng	0.00
29) Chrysene-d12	21.11	240	4332	0.40	ng	0.00
36) Perylene-d12	23.25	264	4505	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	876	0.22	ng	0.00
5) Phenol-d6	6.73	99	835	0.18	ng	0.00
8) Nitrobenzene-d5	8.67	82	1239	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	2758	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	215	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	3734	0.30	ng	0.01
27) Fluoranthene-d10	18.94	212	5338	0.34	ng	0.00
31) Terphenyl-d14	19.56	244	4249	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	131	0.057	ng	Qvalue # 87
3) n-Nitrosodimethylamine	3.59	42	44m	0.038	ng	
6) bis(2-Chloroethyl)ether	6.98	93	271m	0.064	ng	
9) Naphthalene	10.32	128	1290	0.089	ng	# 82
10) Hexachlorobutadiene	10.61	225	318	0.087	ng	# 98
12) 2-Methylnaphthalene	11.95	142	793	0.082	ng	# 90
16) Acenaphthylene	13.87	152	1035	0.077	ng	99
17) Acenaphthene	14.21	154	714	0.079	ng	92
18) Fluorene	15.21	166	861	0.076	ng	95
20) 4,6-Dinitro-2-methylphenol	15.36	198	33	0.060	ng	# 40
21) 4-Bromophenyl-phenylether	16.12	248	268m	0.078	ng	
22) Hexachlorobenzene	16.22	284	366	0.091	ng	93
23) Atrazine	16.40	200	197	0.082	ng	# 62
24) Pentachlorophenol	16.57	266	185	0.171	ng	99
25) Phenanthrene	16.95	178	1306	0.079	ng	99
26) Anthracene	17.04	178	1046	0.076	ng	97
28) Fluoranthene	18.97	202	1507	0.081	ng	98
30) Pyrene	19.33	202	1489	0.092	ng	98
32) Benzo(a)anthracene	21.10	228	1179m	0.081	ng	
33) Chrysene	21.15	228	1521	0.092	ng	95
34) Bis(2-ethylhexyl)phthalate	21.05	149	788	0.135	ng	# 97
35) Indeno(1,2,3-cd)pyrene	25.37	276	1423	0.082	ng	# 95
37) Benzo(b)fluoranthene	22.62	252	1412	0.078	ng	# 51
38) Benzo(k)fluoranthene	22.66	252	1672	0.087	ng	# 46
39) Benzo(a)pyrene	23.17	252	1265	0.081	ng	# 19
40) Dibenzo(a,h)anthracene	25.38	278	1005	0.063	ng	# 27
41) Benzo(g,h,i)perylene	25.99	276	1424	0.081	ng	# 76

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

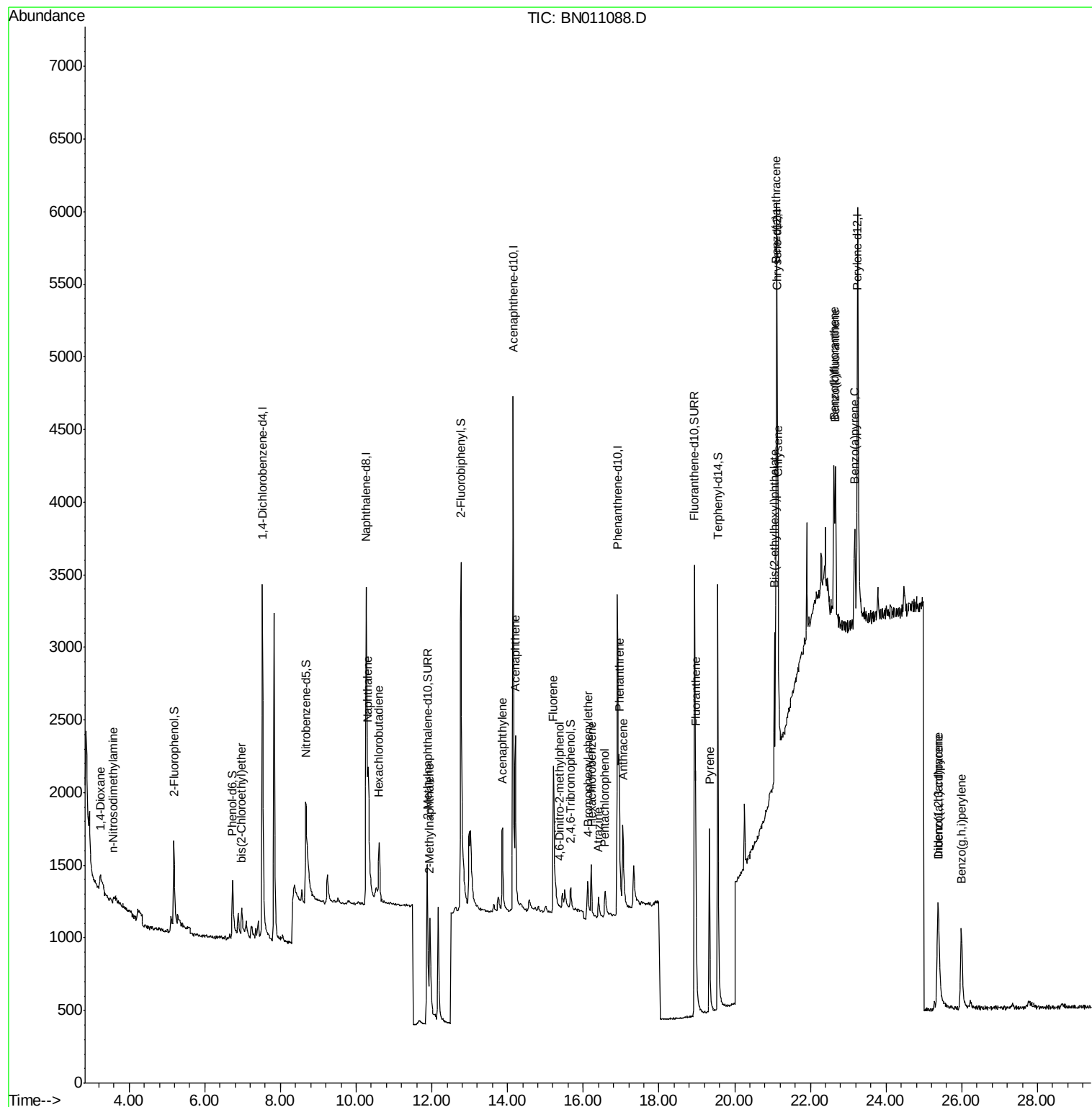
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070220\
Data File : BN011088.D
Acq On : 02 Jul 2020 16:30
Operator : CG/JU
Sample : L1955-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

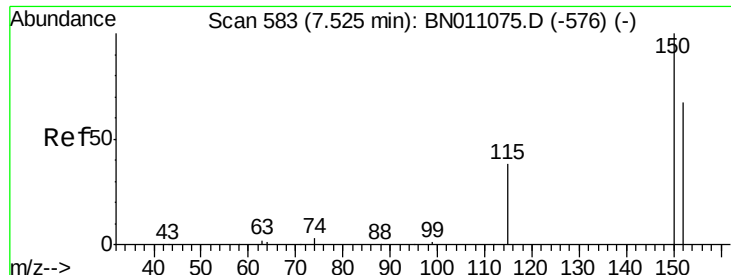
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Manual Integrations
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Sohil
7/7/2020 8:20:27 AM

Quant Time: Jul 02 17:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

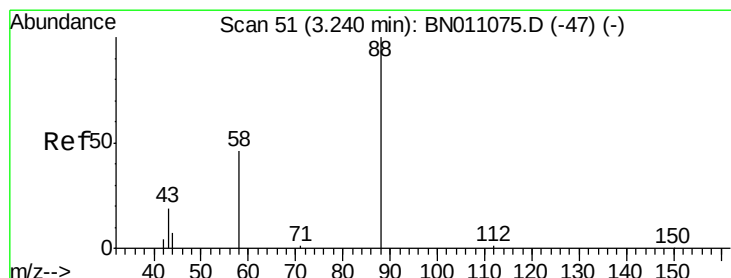
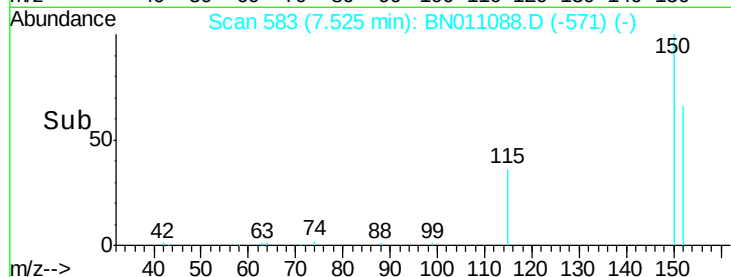
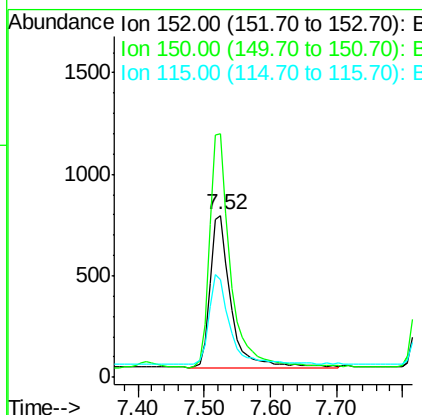
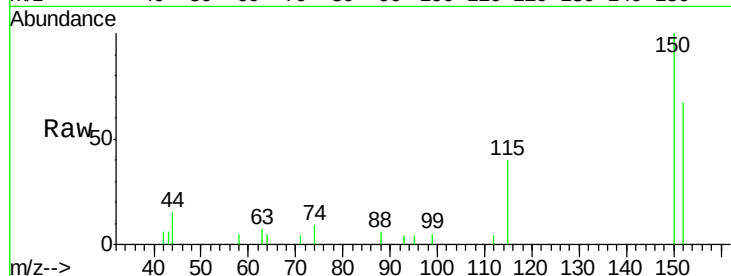
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.4	176.0
115	60.2	47.9	71.9

Manual Integrations
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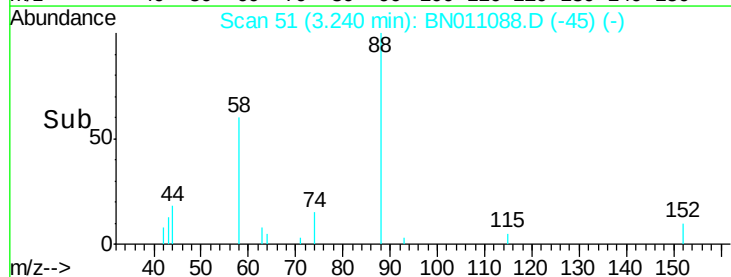
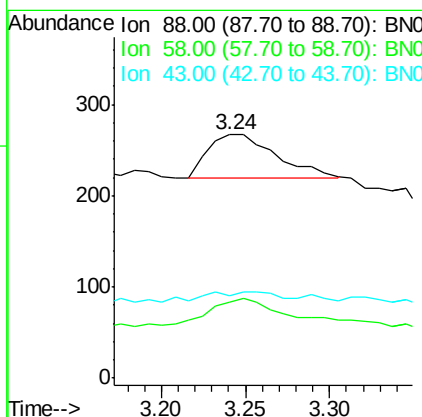
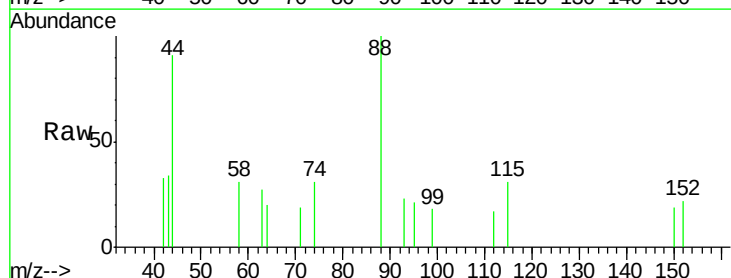
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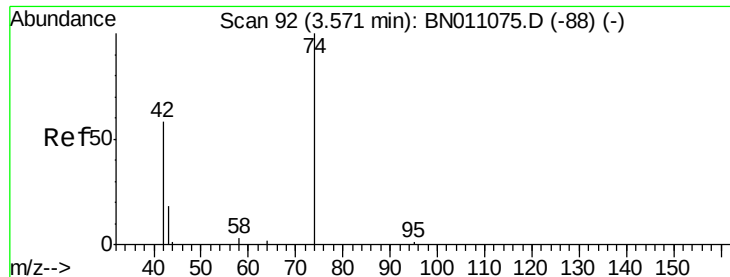


#2

1,4-Dioxane
Concen: 0.057 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	38.6	57.8#
43	19.8	15.4	23.0





#3

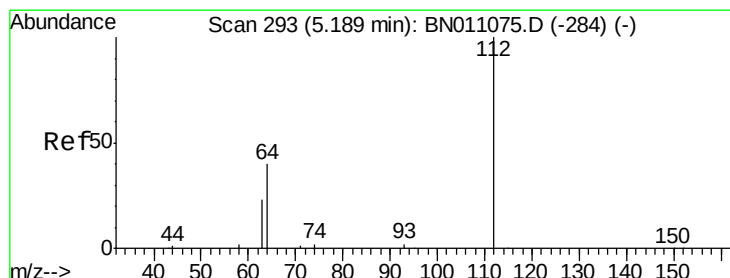
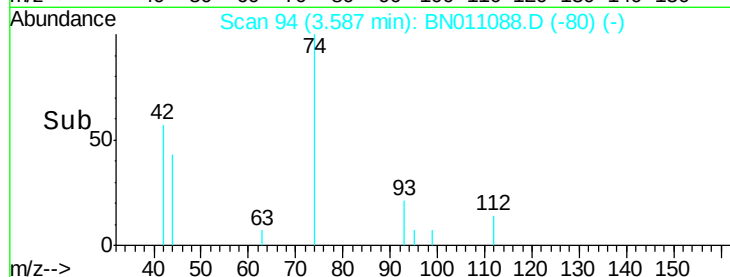
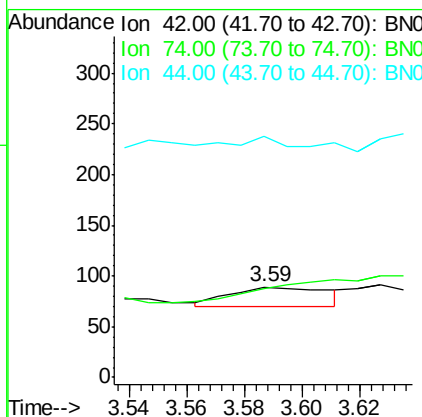
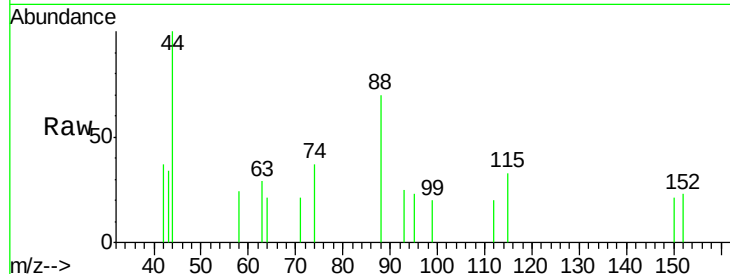
n-Nitrosodimethylamine
 Concen: 0.038 ng/ml
 RT: 3.59 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion:	42	Resp:	44
Ion	Ratio	Lower	Upper
42	100		
74	0.0	142.5	213.7#
44	18.2	0.0	0.0#

Manual Integrations
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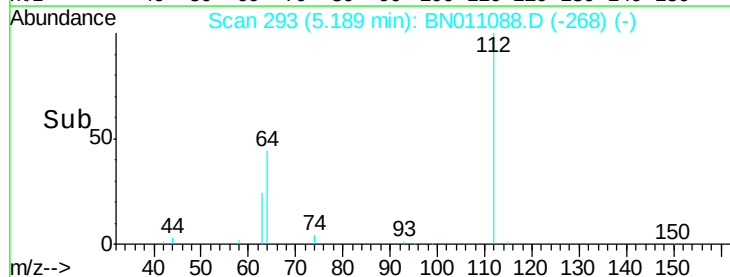
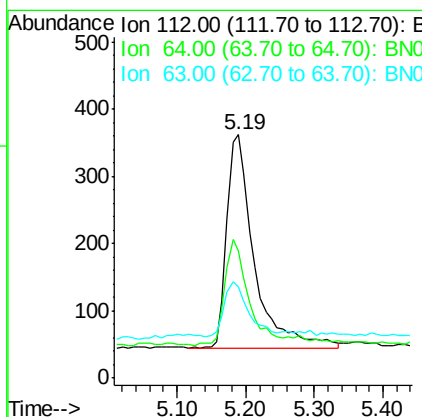
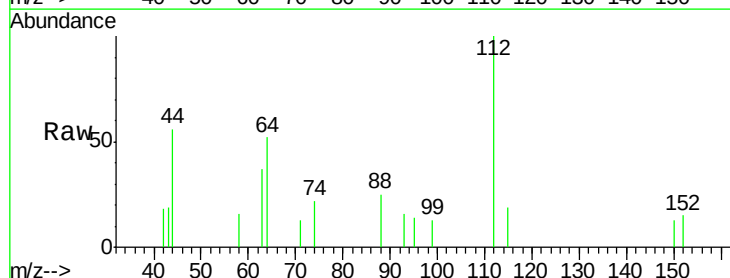
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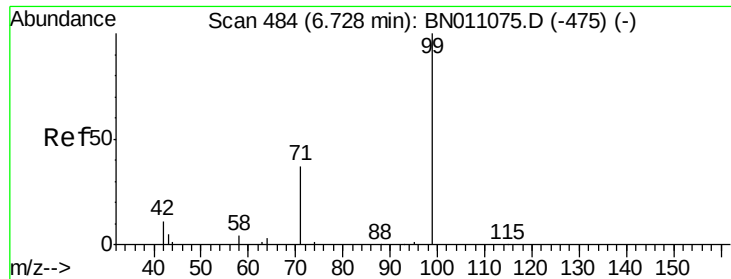


#4

2-Fluorophenol
 Concen: 0.216 ng/ml
 RT: 5.19 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Tgt Ion:	112	Resp:	876
Ion	Ratio	Lower	Upper
112	100		
64	48.2	36.5	54.7
63	22.5	20.6	30.8





#5

Phenol-d6

Concen: 0.179 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

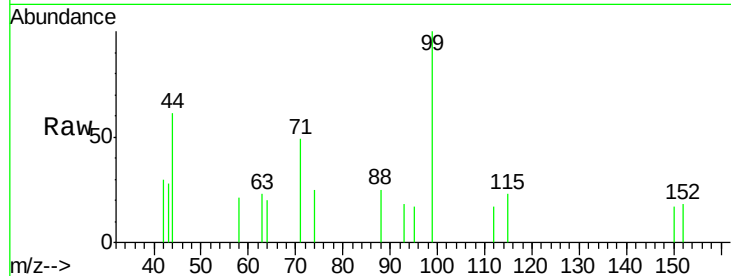
ClientSampled :

MDL-SOIL-03

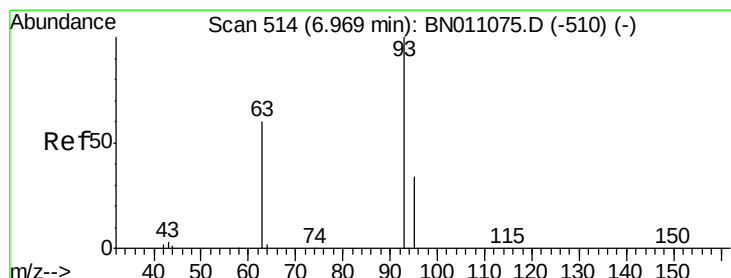
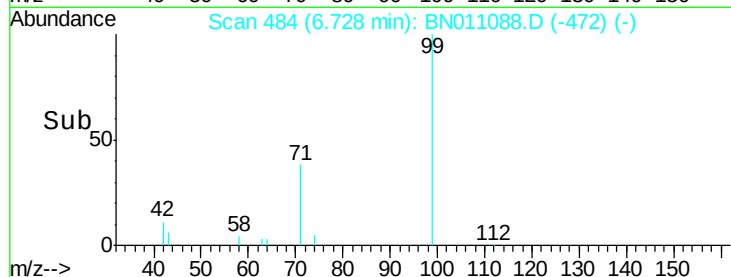
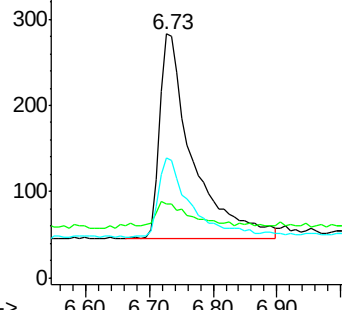
Tot Ion:	99	Resp:	835
Ion	Ratio	Lower	Upper
99	100		
42	12.5	9.8	14.8
71	38.1	30.7	46.1

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.064 ng m

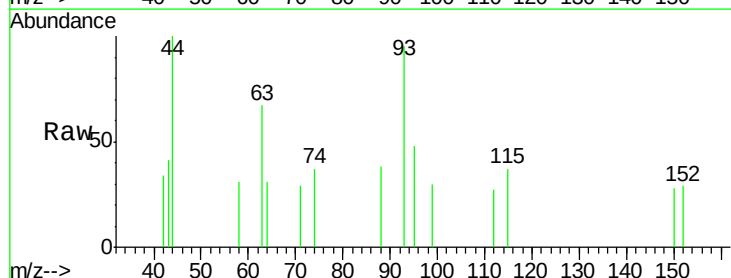
RT: 6.98 min Scan# 515

Delta R.T. 0.01 min

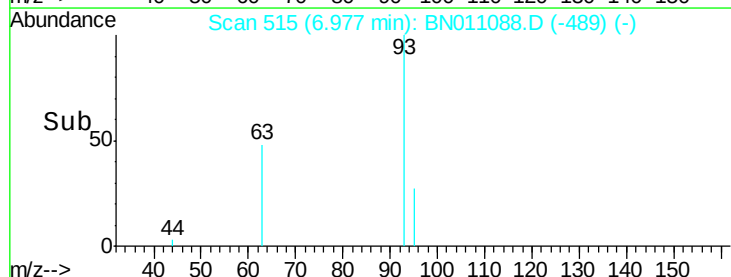
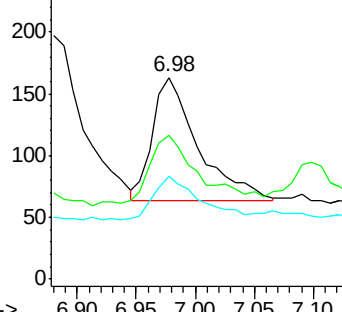
Lab File: BN011088.D

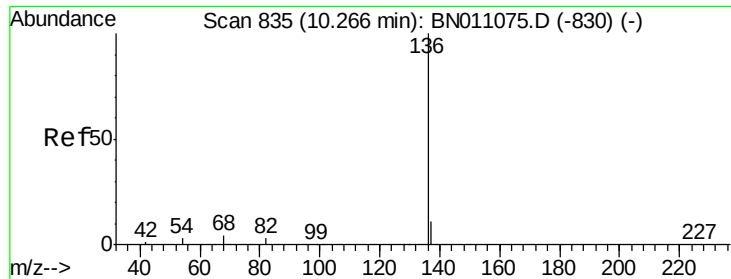
Acq: 02 Jul 2020 16:30

Tgt Ion:	93	Resp:	271
Ion	Ratio	Lower	Upper
93	100		
63	58.3	47.4	71.2
95	35.4	26.4	39.6



Abundance Ion 93.00 (92.70 to 93.70): BN011075.D (-510) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

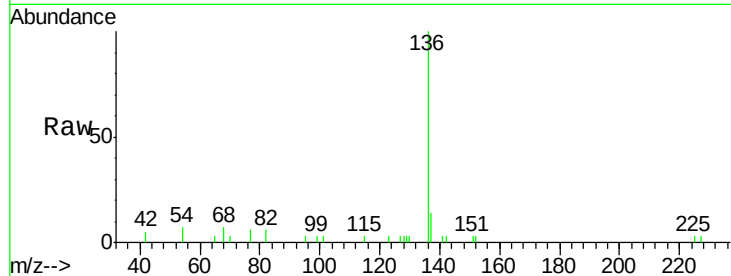
ClientSampled :

MDL-SOIL-03

Tot Ion:	136	Resp:	4837
Ion Ratio	Lower	Upper	
136	100		
137	13.7	9.6	14.4
54	7.0	3.8	5.6
68	7.4	4.3	6.5

Manual Integrations
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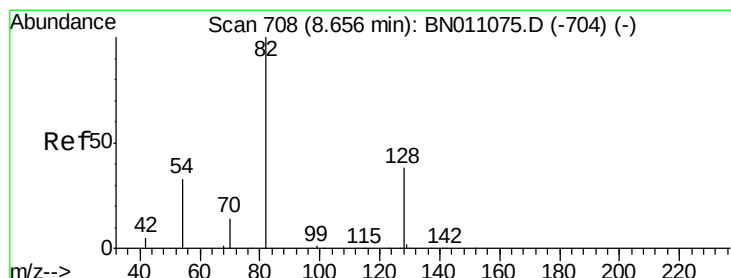
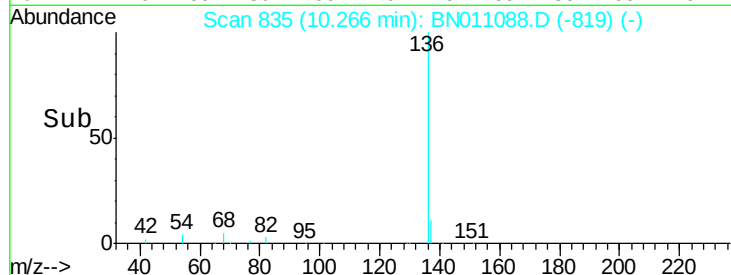
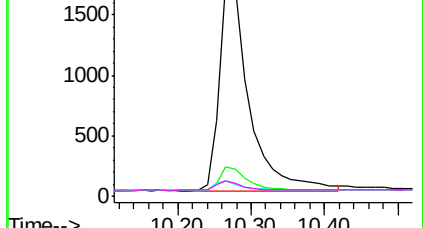


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.301 ng

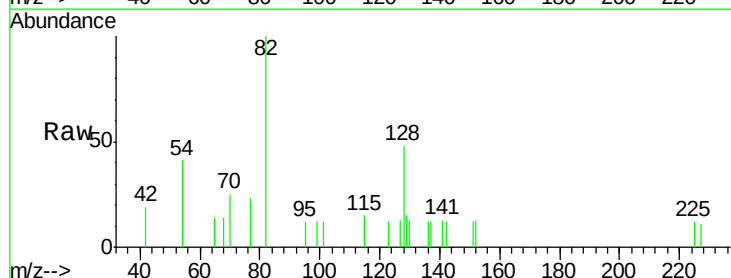
RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

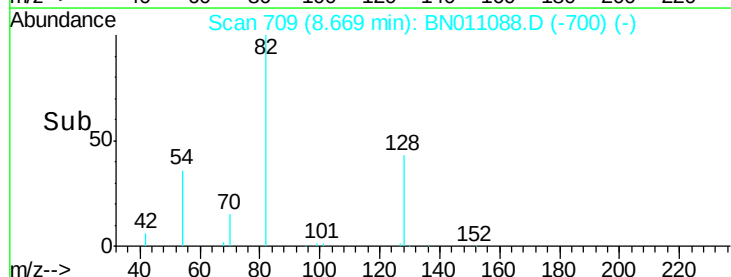
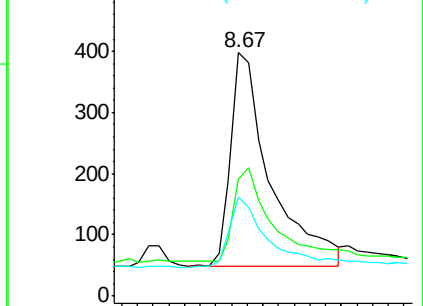
Tgt Ion:	82	Resp:	1239
Ion Ratio	Lower	Upper	
82	100		
128	48.2	34.2	51.2
54	40.7	29.4	44.0

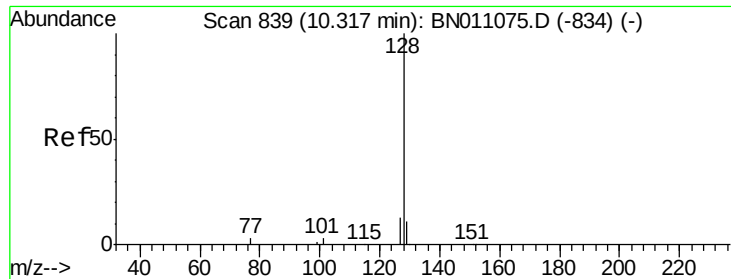


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

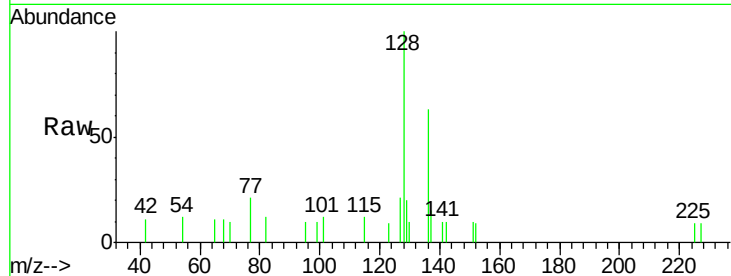
ClientSampleId :

MDL-SOIL-03

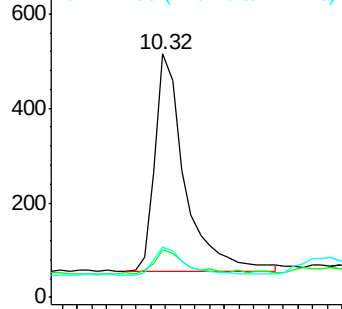
Tot Ion:	128	Resp:	1290
Ion Ratio	Lower	Upper	
128	100		
129	19.8	9.8	14.8#
127	21.0	11.3	16.9#

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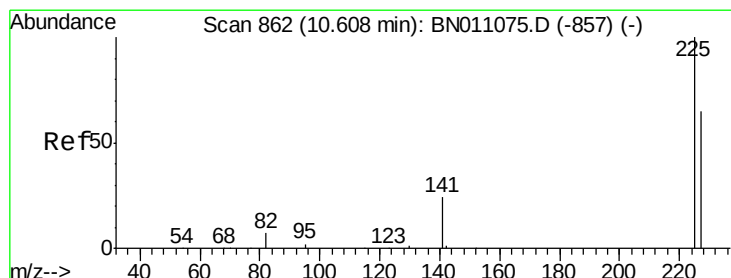
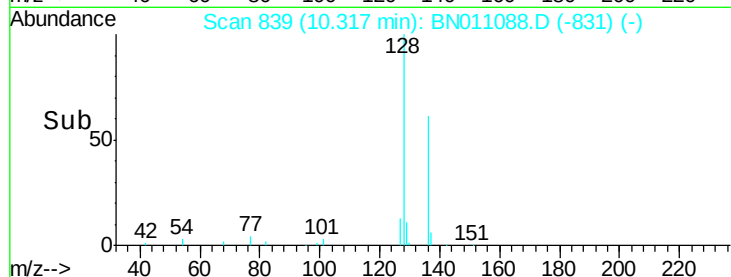
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.087 ng

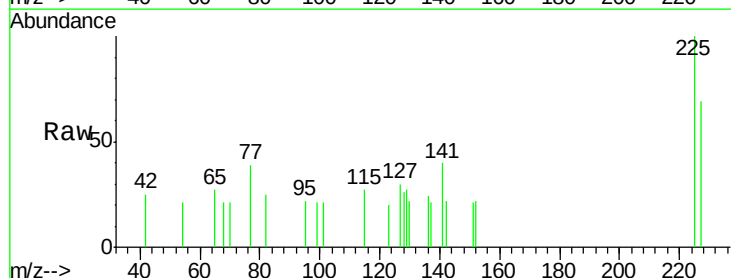
RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

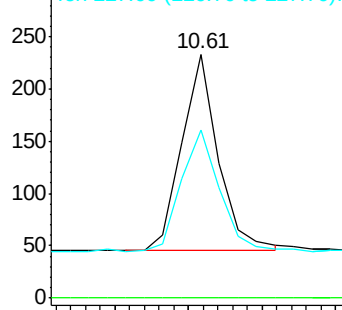
Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

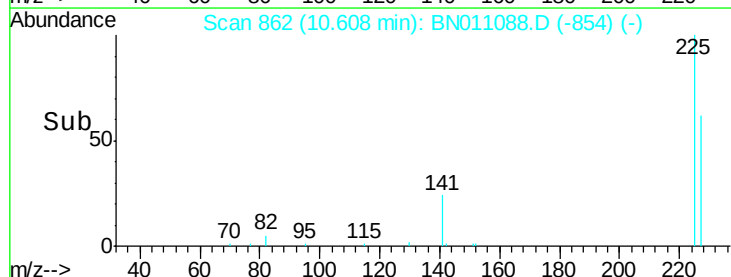
Tgt Ion:	225	Resp:	318
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	66.0	51.4	77.2

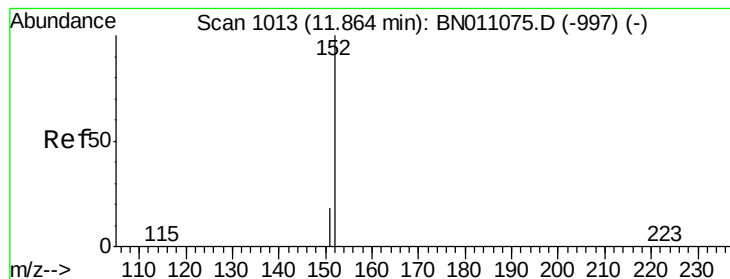


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 11.87 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03

Tot Ion:152 Resp: 2758

Ion Ratio Lower Upper

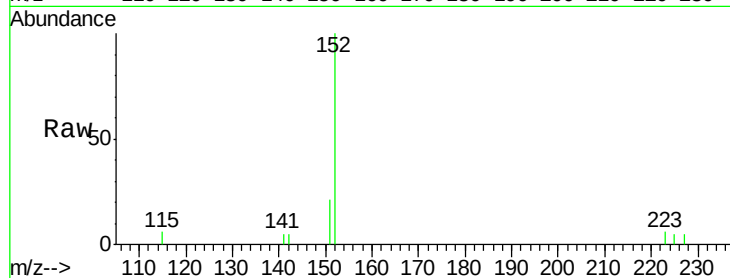
152 100

151 18.3 16.6 24.8

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.87

1000

800

600

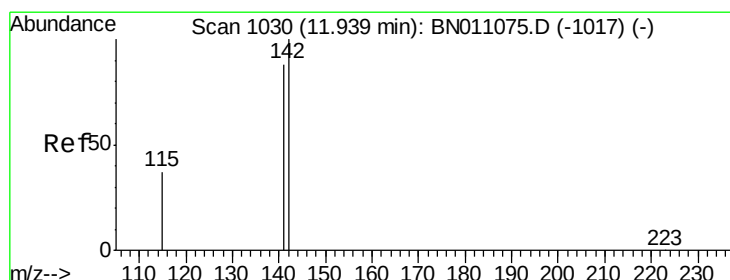
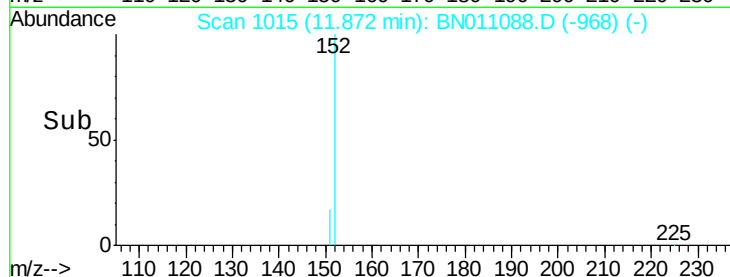
400

200

0

11.80 11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 0.082 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

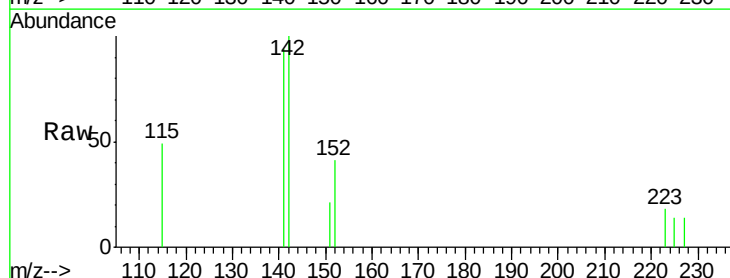
Tgt Ion:142 Resp: 793

Ion Ratio Lower Upper

142 100

141 94.1 70.3 105.5

115 48.8 31.2 46.8#



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

11.95

500

400

300

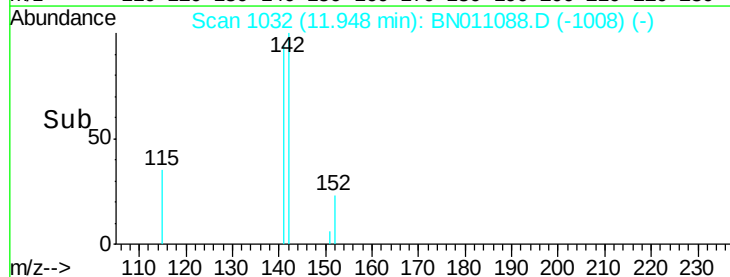
200

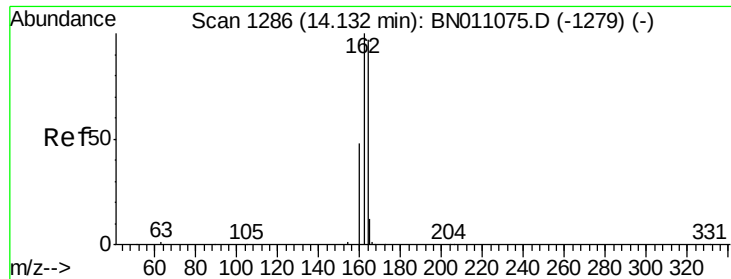
100

0

11.90 12.00 12.10

Time-->





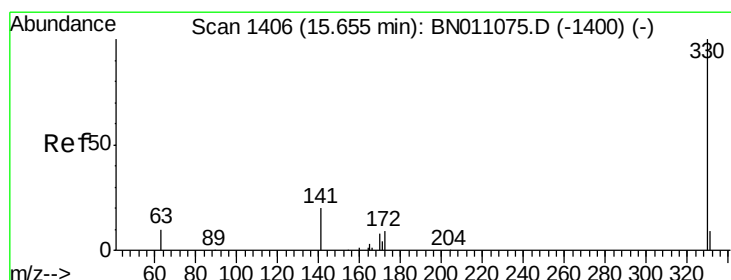
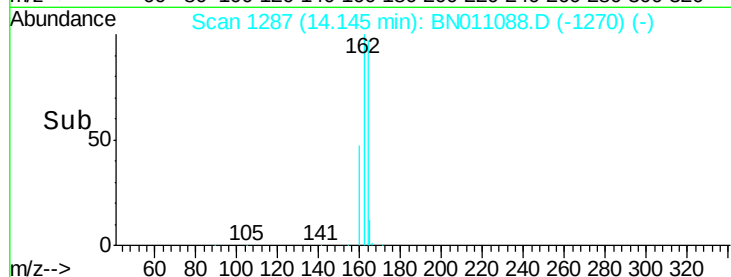
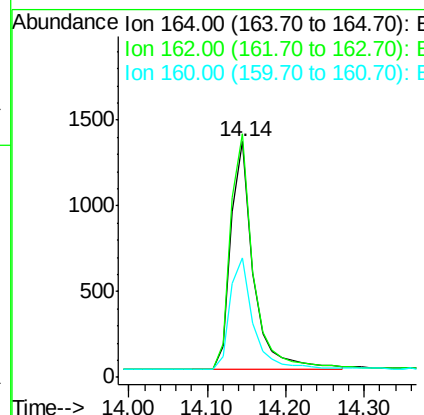
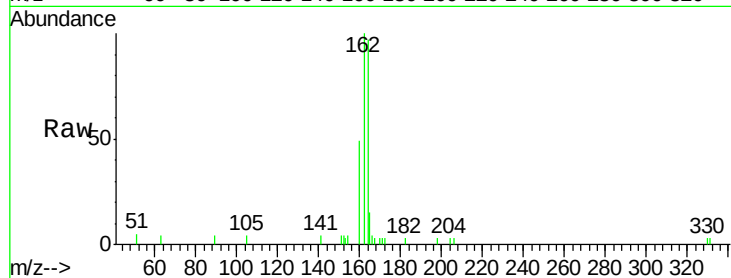
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	50.6	40.6	61.0

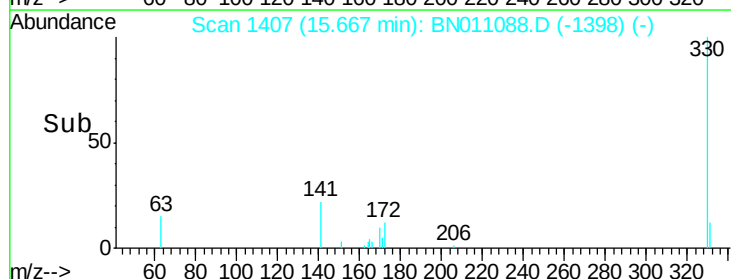
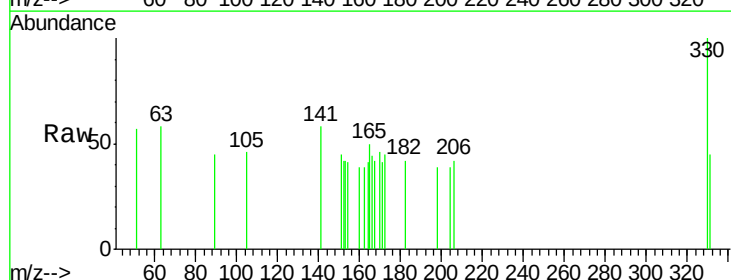
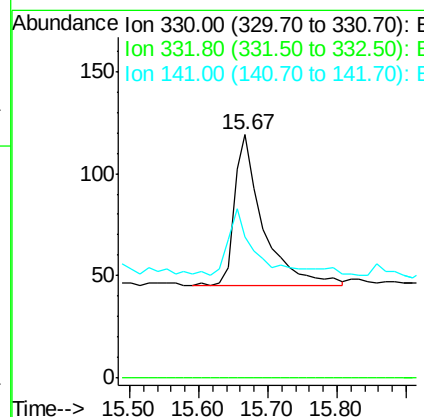
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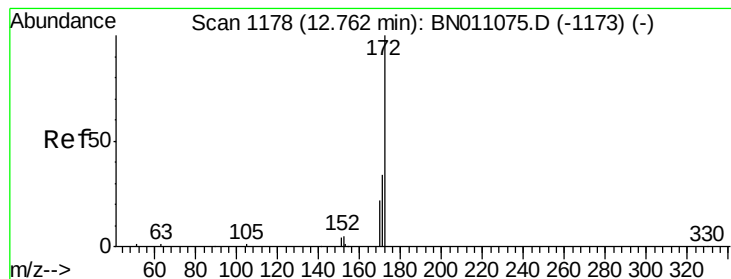
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 15.67 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.5	32.6	49.0





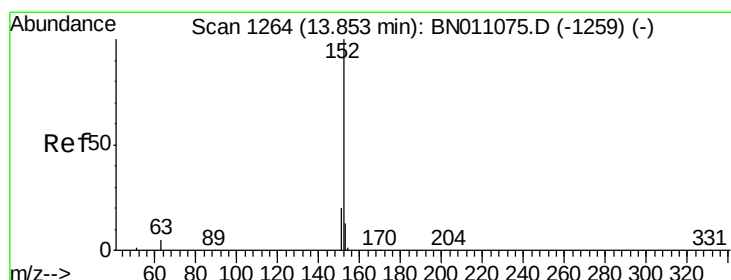
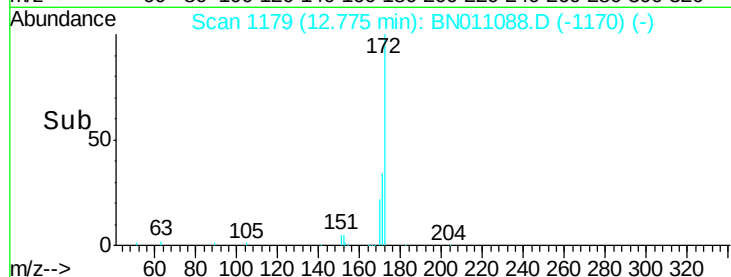
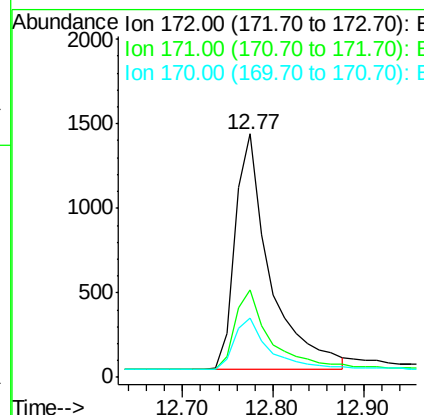
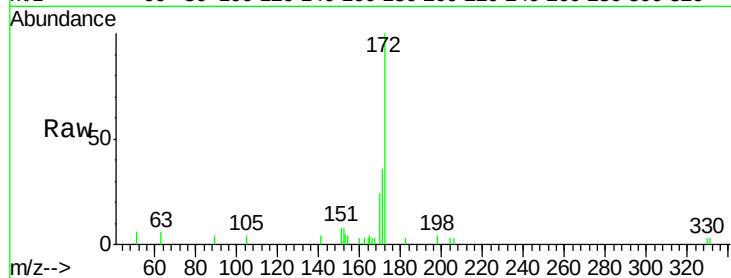
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.4	18.7	28.1

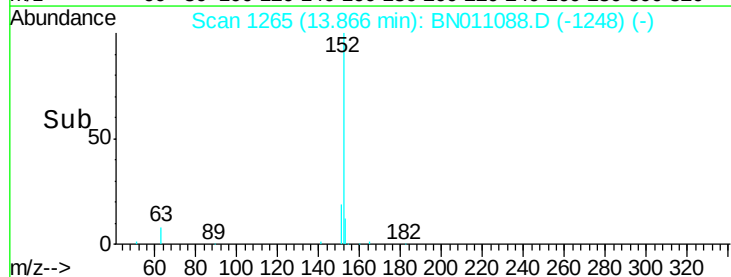
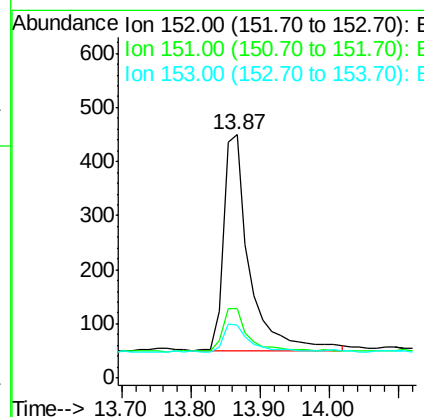
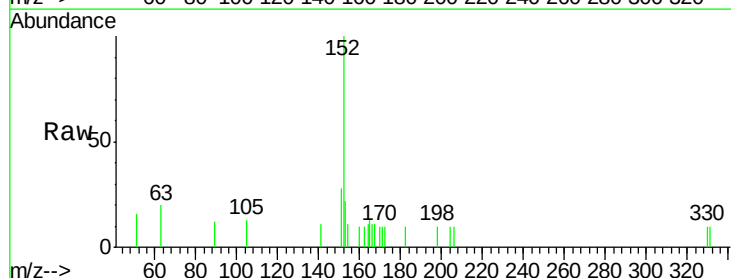
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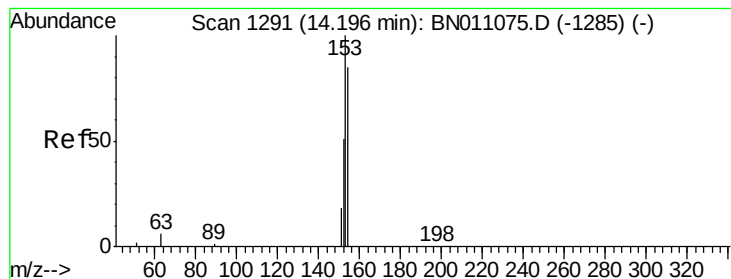
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#16
Acenaphthylene
Concen: 0.077 ng
RT: 13.87 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.8	10.8	16.2





#17

Acenaphthene

Concen: 0.079 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

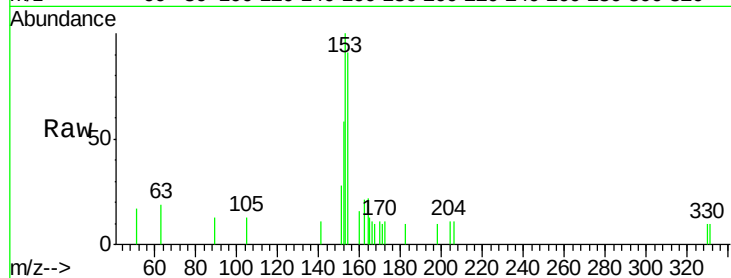
ClientSampleId :

MDL-SOIL-03

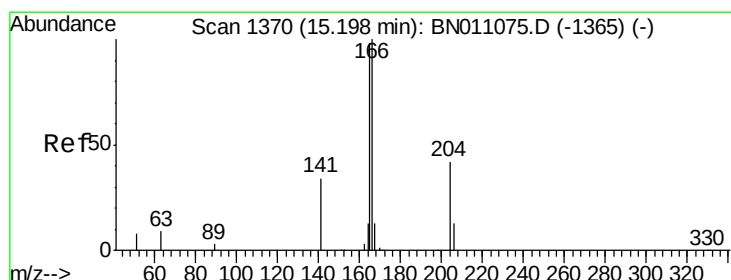
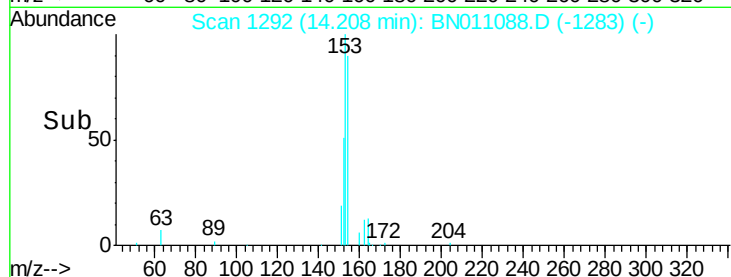
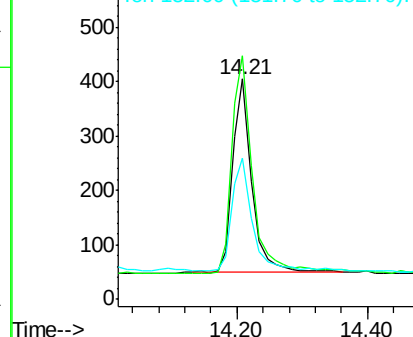
Tot Ion:	154	Resp:	714
Ion	Ratio	Lower	Upper
154	100		
153	123.9	91.7	137.5
152	62.9	46.8	70.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.076 ng

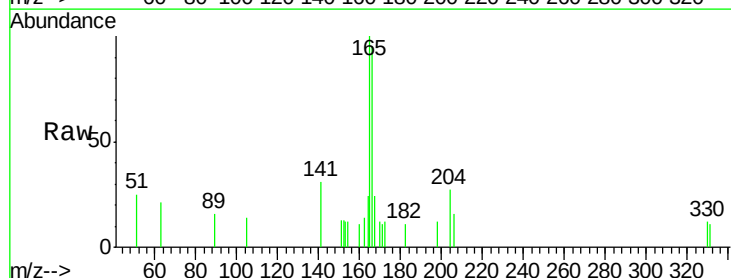
RT: 15.21 min Scan# 1371

Delta R.T. 0.01 min

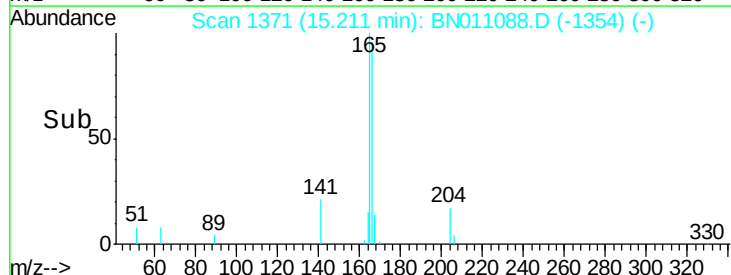
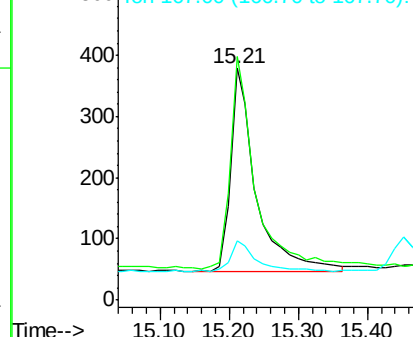
Lab File: BN011088.D

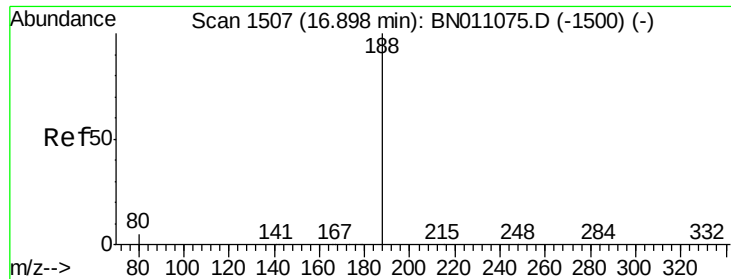
Acq: 02 Jul 2020 16:30

Tgt Ion:	166	Resp:	861
Ion	Ratio	Lower	Upper
166	100		
165	103.1	78.9	118.3
167	15.7	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





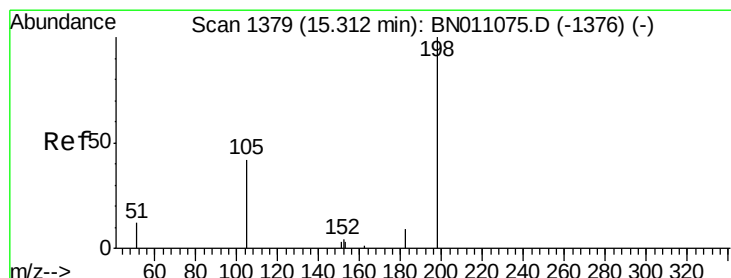
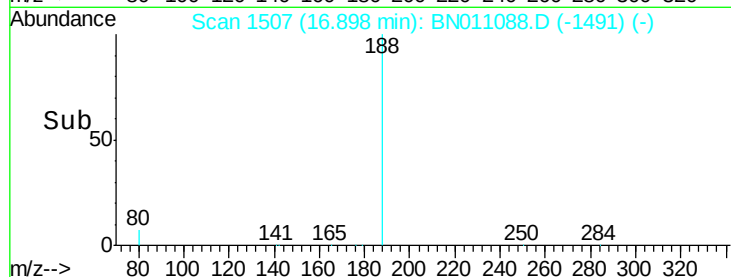
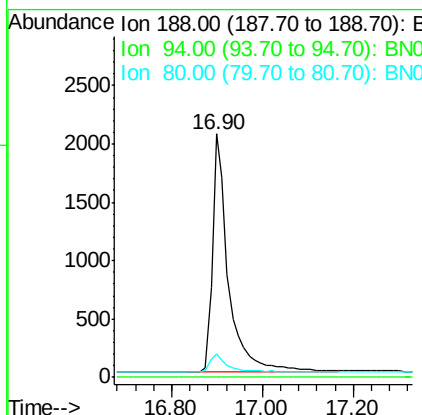
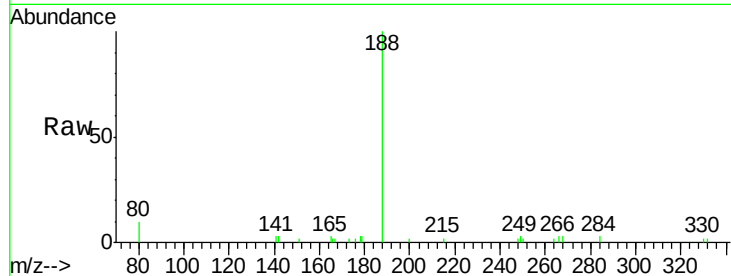
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	9.7	5.3	7.9#

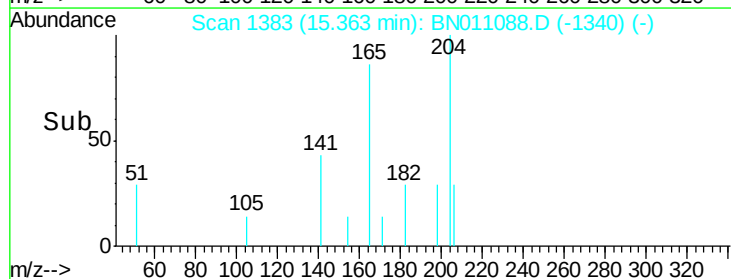
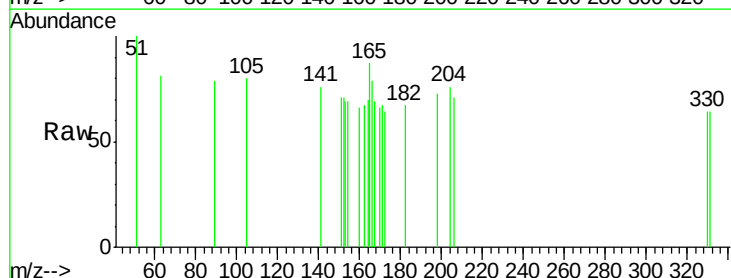
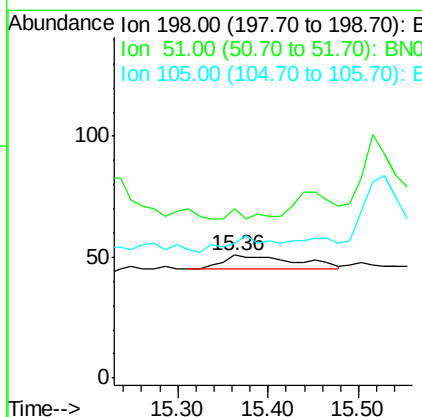
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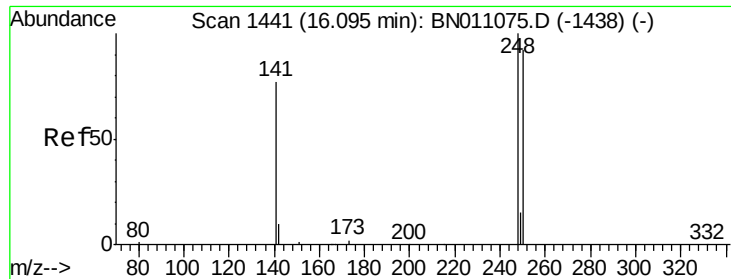
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#20
4,6-Dinitro-2-methylphenol
Concen: 0.060 ng
RT: 15.36 min Scan# 1383
Delta R.T. 0.05 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	137.3	58.2	87.4#
105	109.8	59.0	88.4#





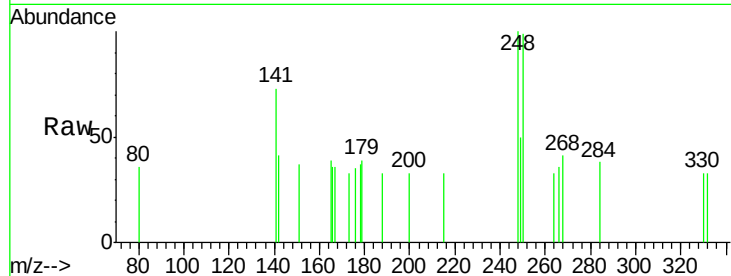
#21
4-Bromophenyl-phenylether
Concen: 0.078 ng
RT: 16.12 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-03

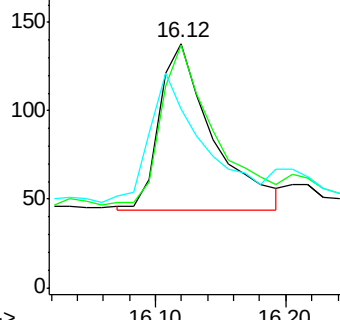
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	73.8	110.8
141	73.2	63.1	94.7

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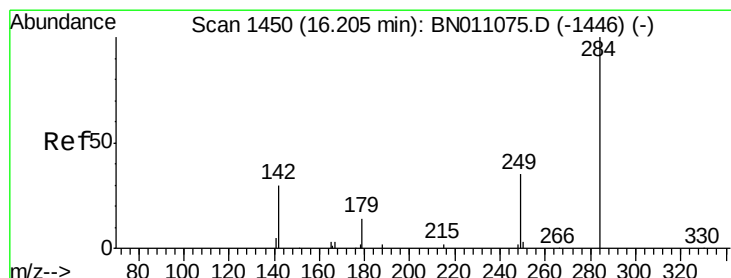
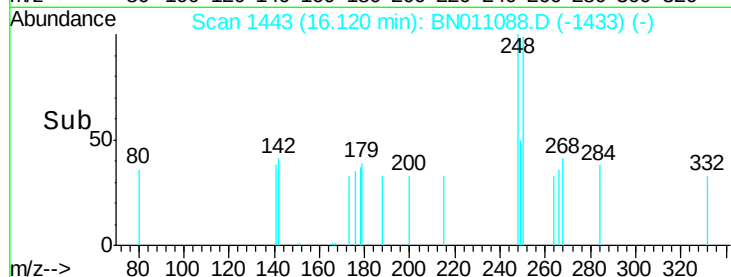
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

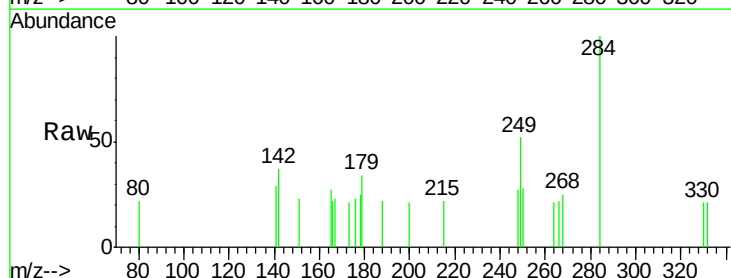


Time-->

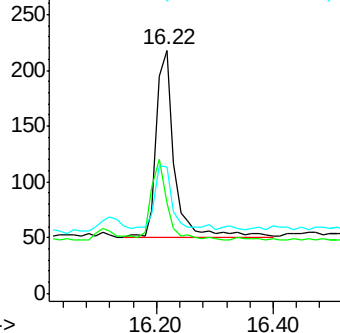


#22
Hexachlorobenzene
Concen: 0.091 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

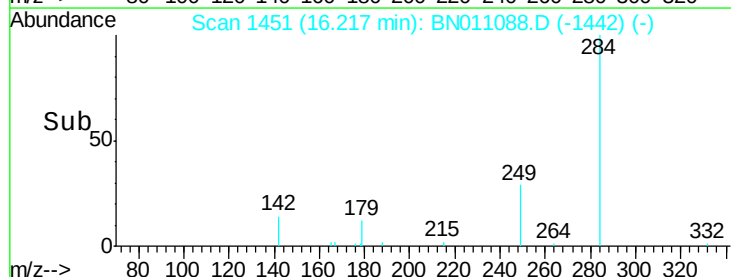
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	33.3	49.9
249	30.3	27.4	41.2

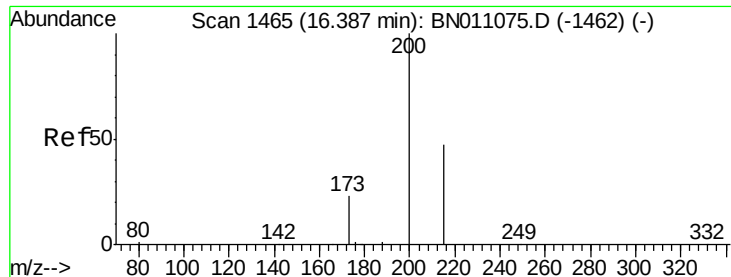


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#23

Atrazine

Concen: 0.082 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

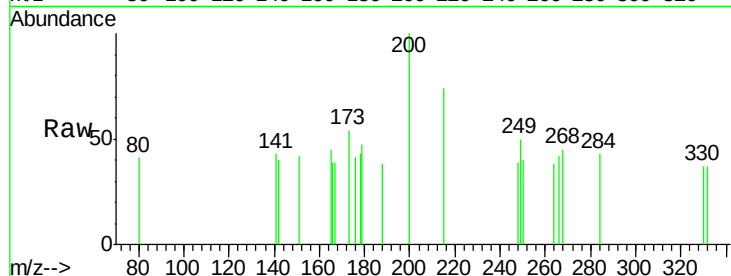
ClientSampleId :

MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
200	100		
173	54.1	22.8	34.2#
215	73.8	40.7	61.1#

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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.40

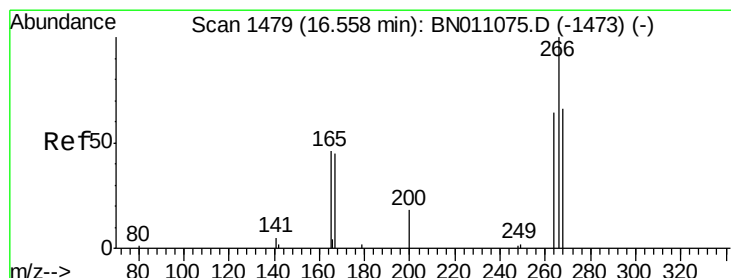
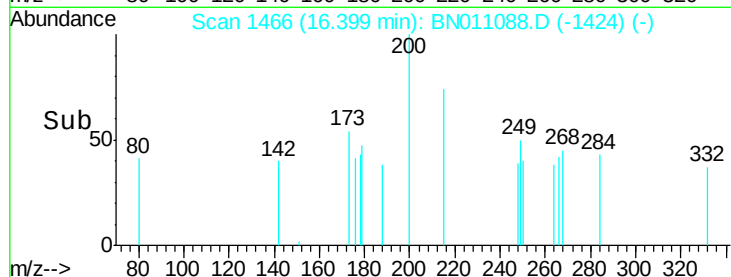
100

50

0

16.30 16.40 16.50

Time-->



#24

Pentachlorophenol

Concen: 0.171 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.8	47.4	71.0
268	68.6	55.0	82.4

Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.57

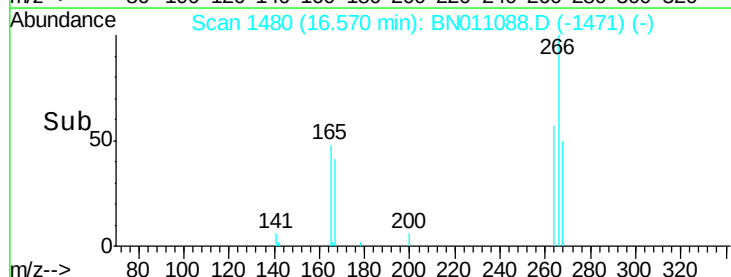
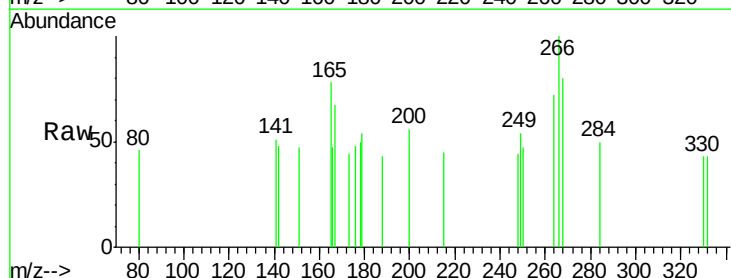
100

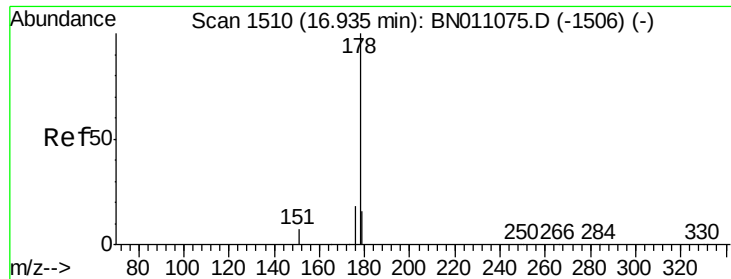
50

0

16.50 16.60 16.70

Time-->





#25

Phenanthrene

Concen: 0.079 ng

RT: 16.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

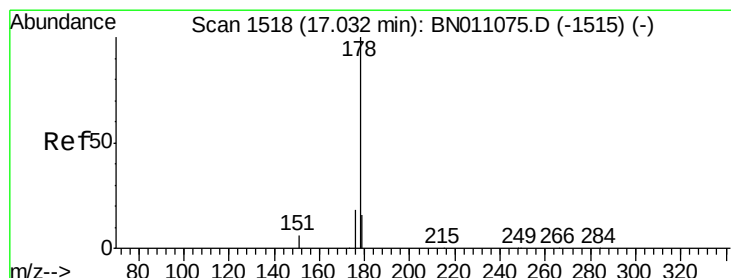
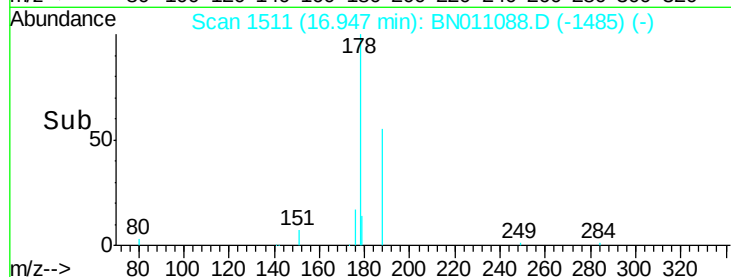
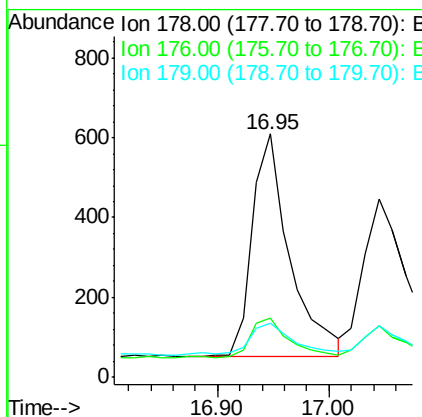
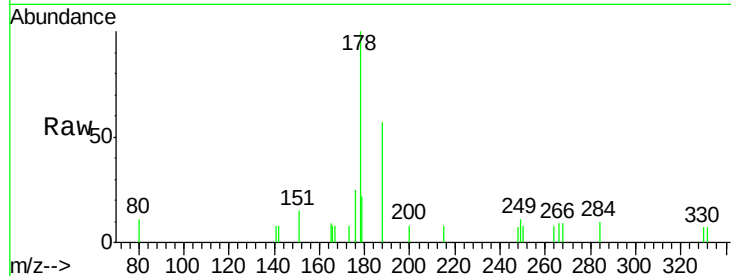
ClientSampleId :

MDL-SOIL-03

Tot Ion:	178	Resp:	1306
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.6
179	16.5	12.5	18.7

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#26

Anthracene

Concen: 0.076 ng

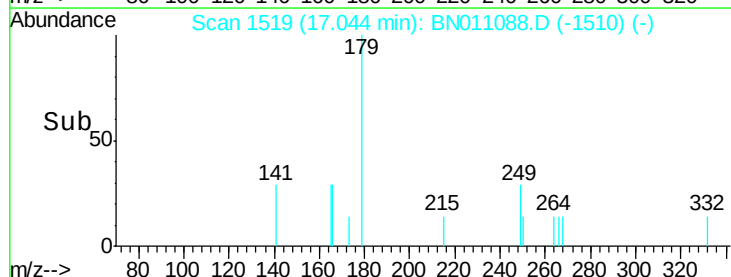
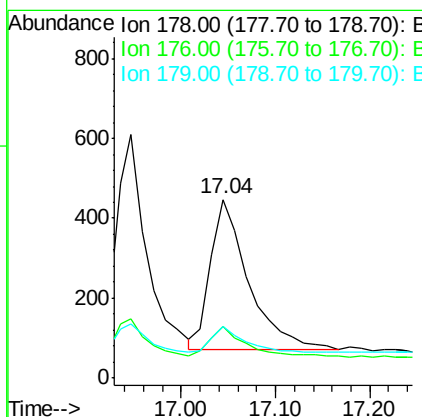
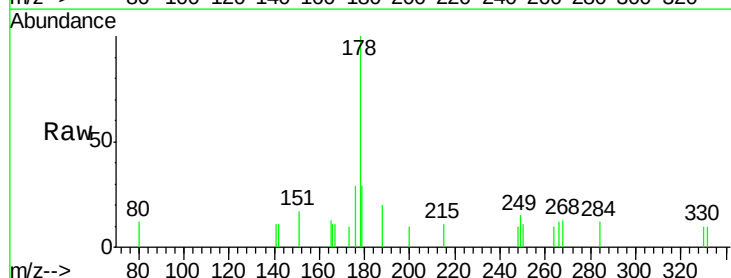
RT: 17.04 min Scan# 1519

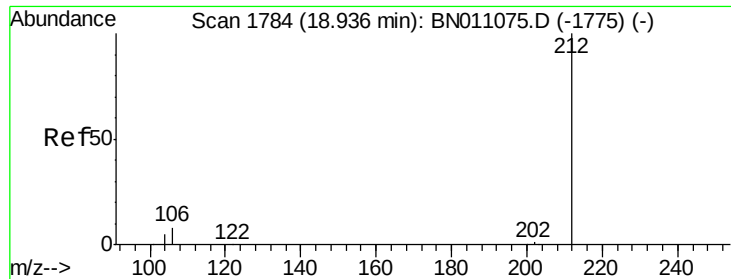
Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Tgt Ion:	178	Resp:	1046
Ion Ratio	Lower	Upper	
178	100		
176	20.1	14.2	21.4
179	15.0	12.2	18.2





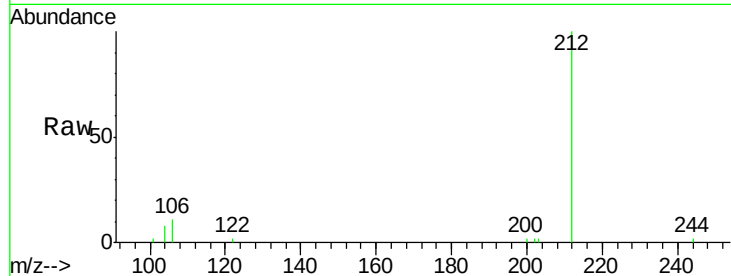
#27
 Fluoranthene-d10
 Concen: 0.344 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

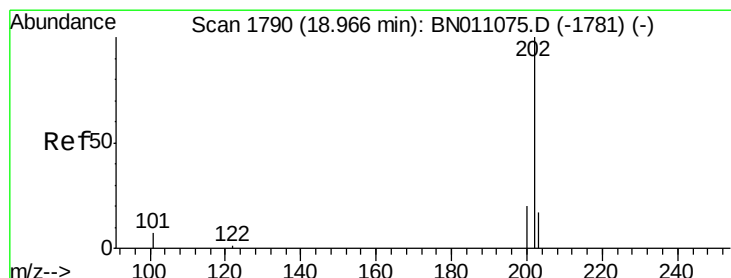
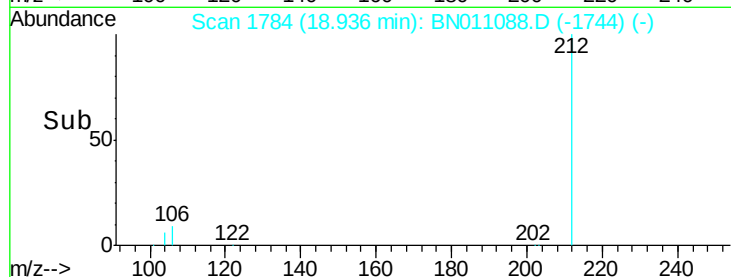
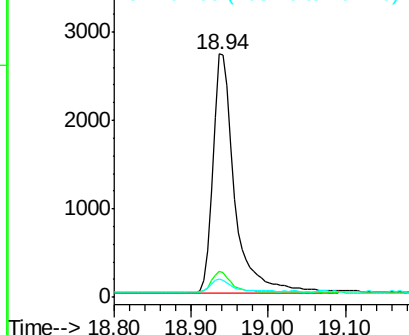
Tot Ion	Ratio	Lower	Upper
212	100		
106	8.7	7.1	10.7
104	5.0	4.2	6.4

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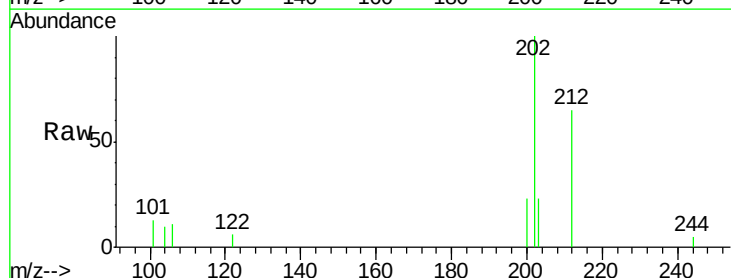


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

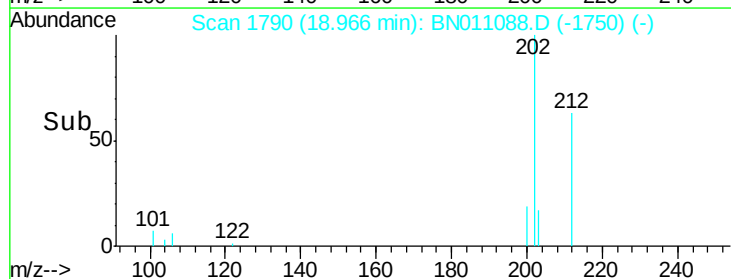
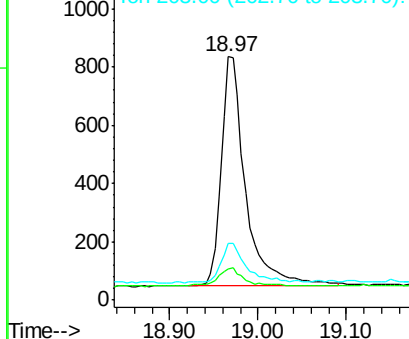


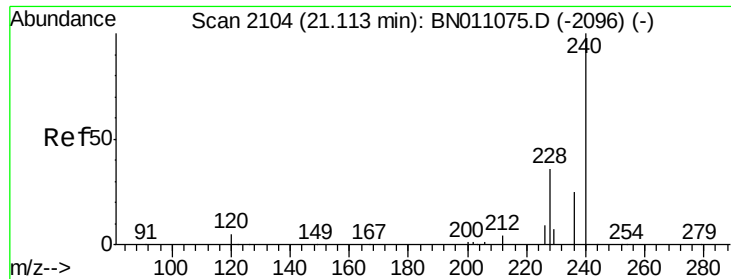
#28
 Fluoranthene
 Concen: 0.081 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.3	9.5
203	17.5	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





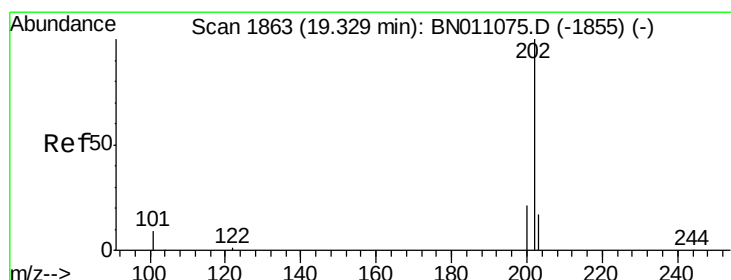
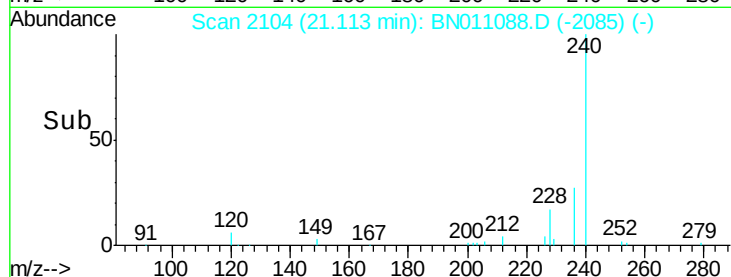
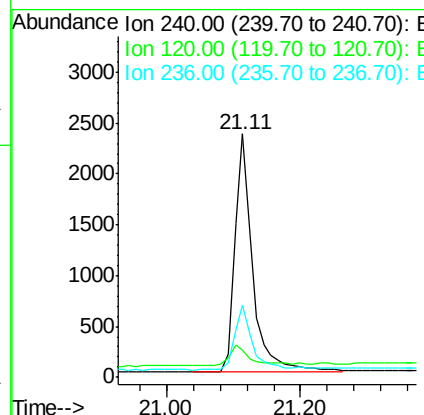
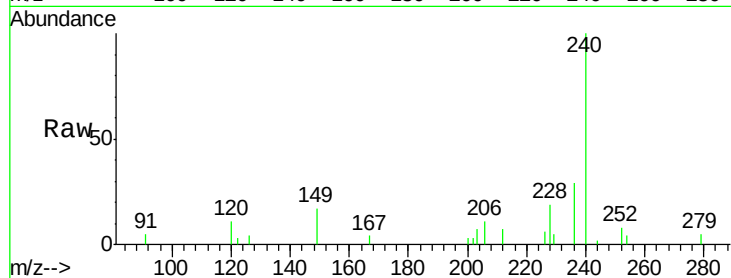
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.5	9.7#
236	29.4	21.9	32.9

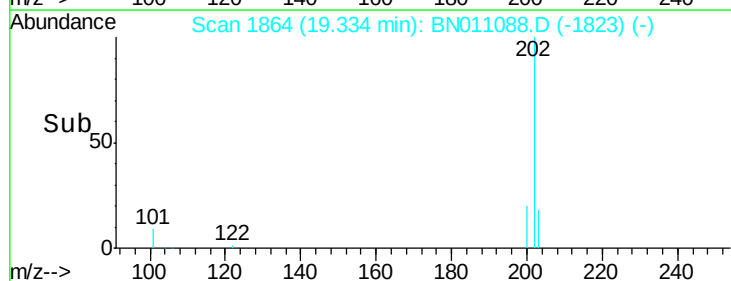
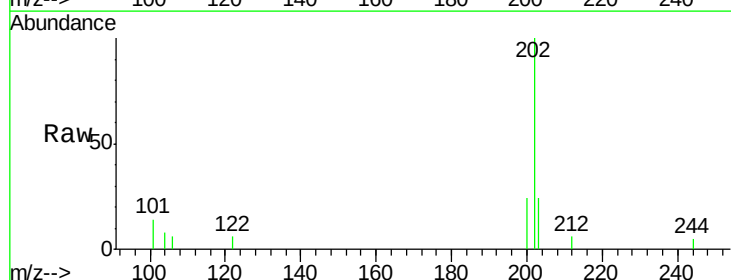
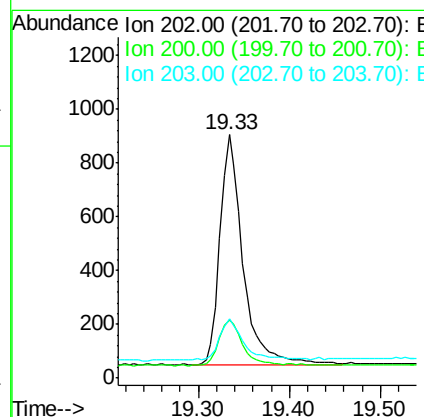
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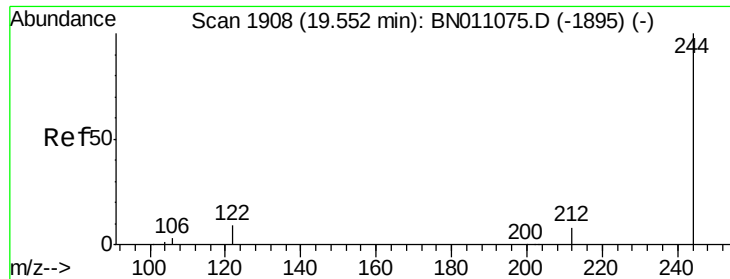
Sohil
7/7/2020 8:20:27 AM



#30
Pyrene
Concen: 0.092 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	19.4	14.2	21.4





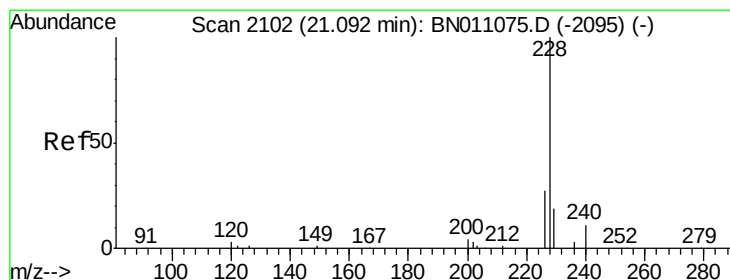
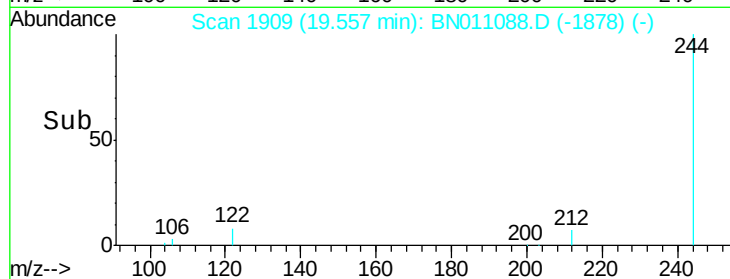
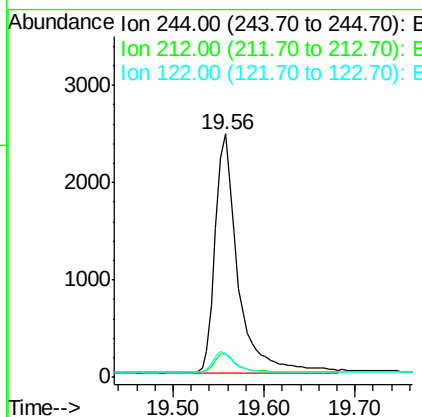
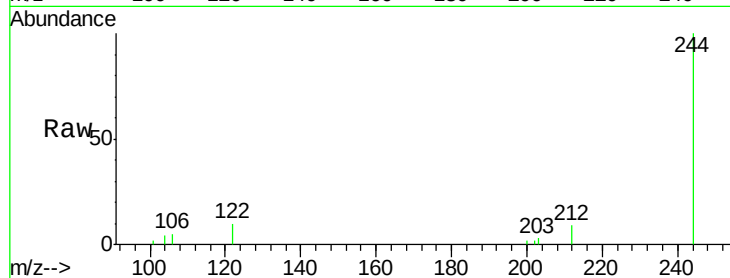
#31
 Terphenyl-d14
 Concen: 0.377 ng
 RT: 19.56 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.5	11.3
122	9.6	8.2	12.4

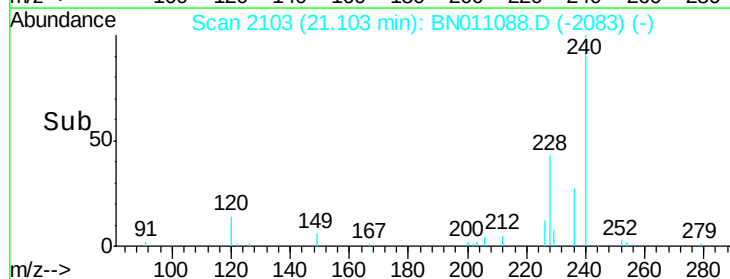
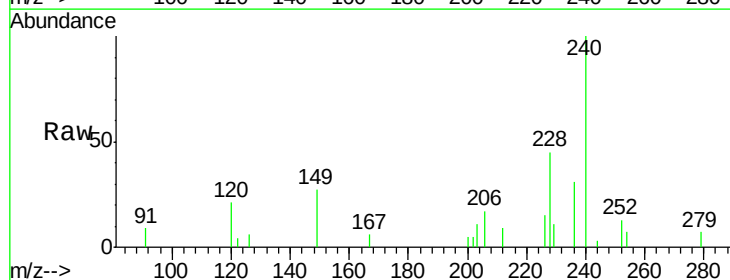
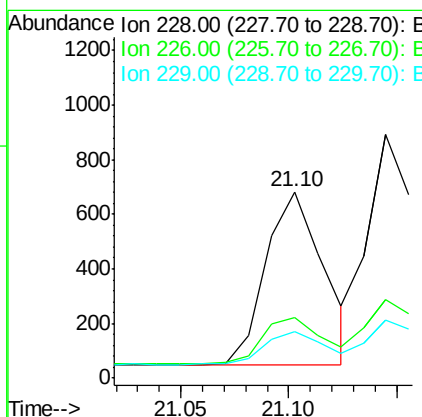
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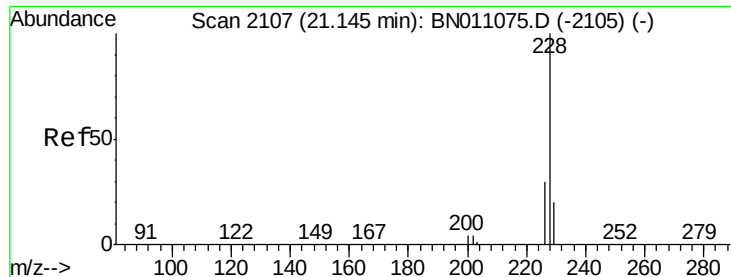
Sohil
 7/7/2020 8:20:27 AM



#32
 Benzo(a)anthracene
 Concen: 0.081 ng m
 RT: 21.10 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.0	33.0
229	25.0	16.1	24.1





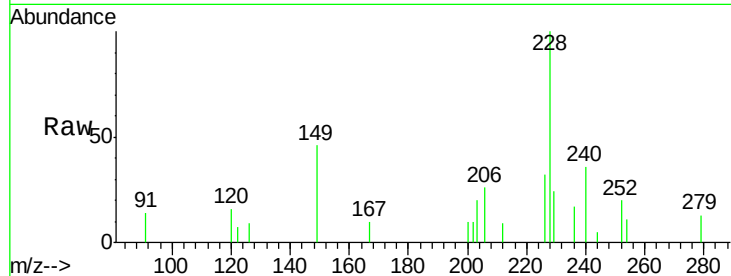
#33
Chrysene
Concen: 0.092 ng
RT: 21.15 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

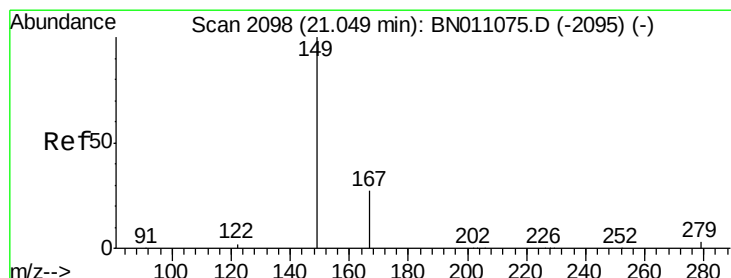
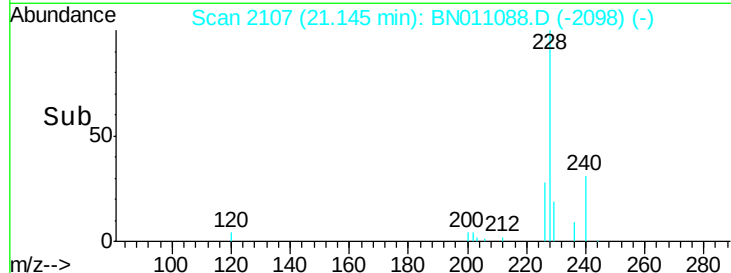
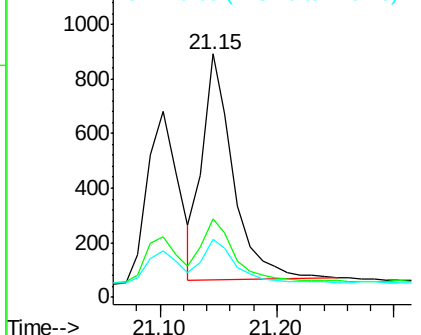
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	23.7	16.4	24.6

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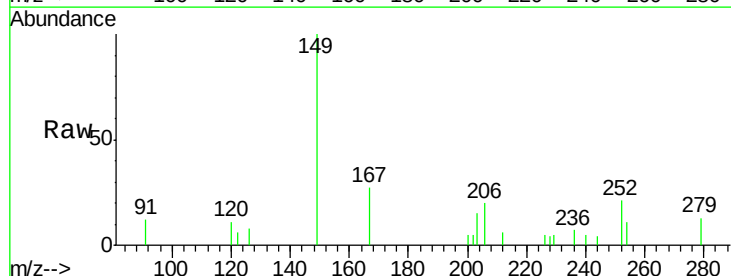


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

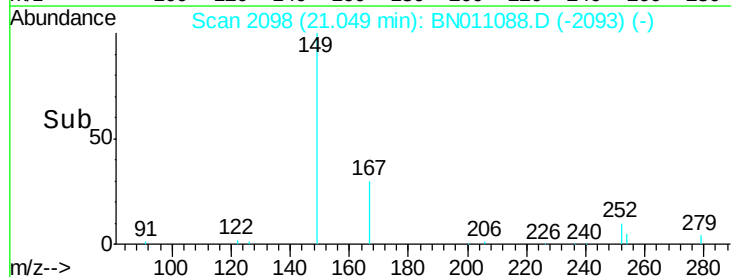
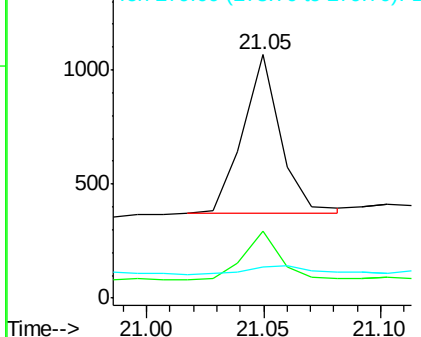


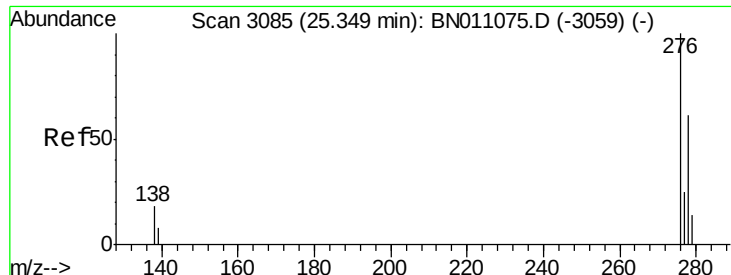
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.135 ng
RT: 21.05 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.4
279	8.2	4.5	6.7#



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





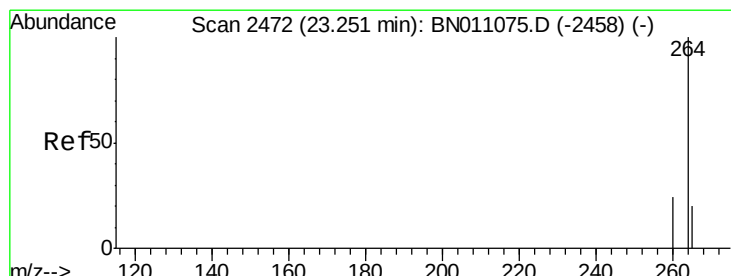
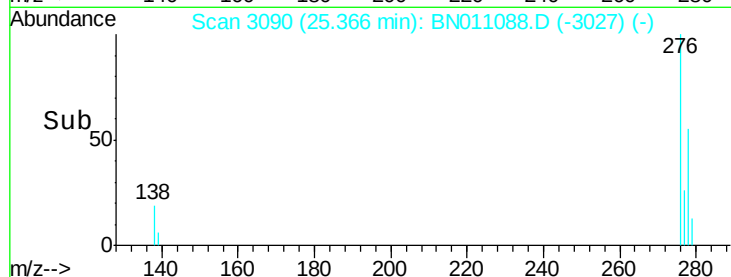
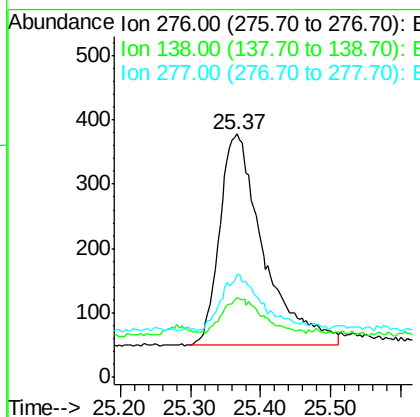
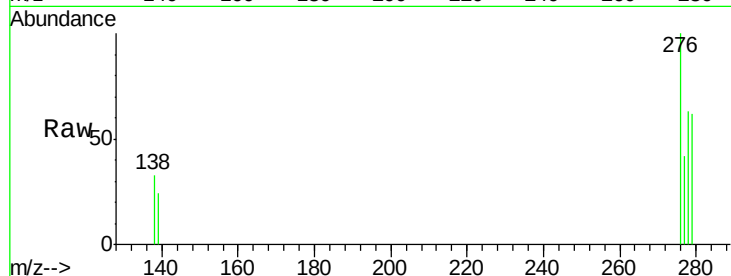
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 25.37 min Scan# 3090
Delta R.T. 0.02 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.4	23.0#
277	23.5	19.4	29.0

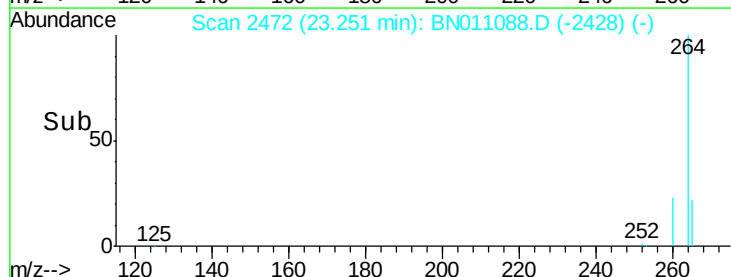
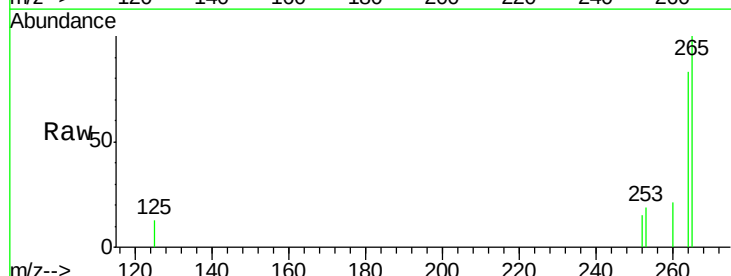
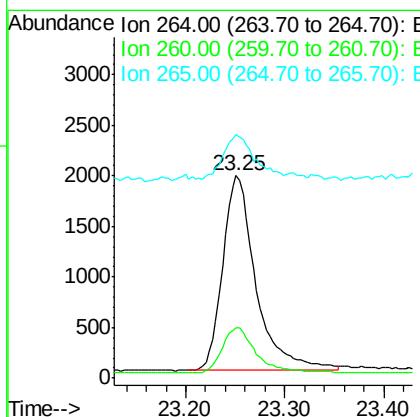
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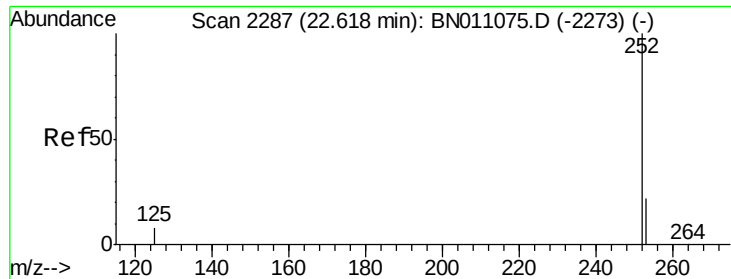
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#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	120.2	83.0	124.6





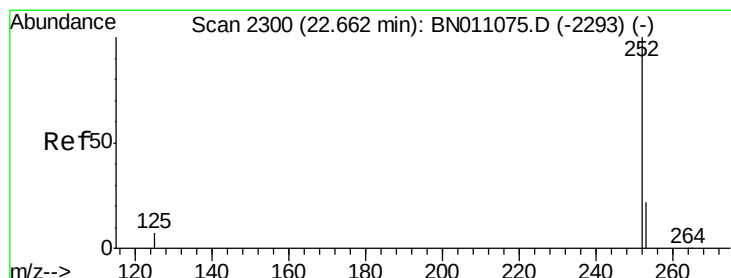
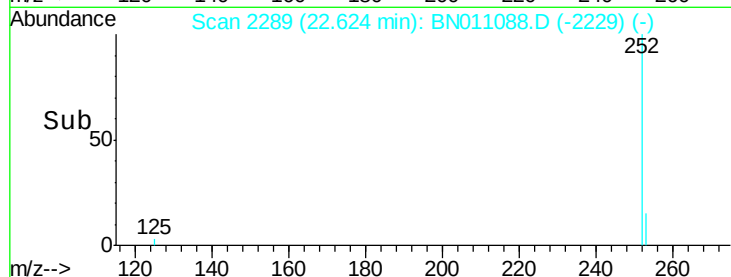
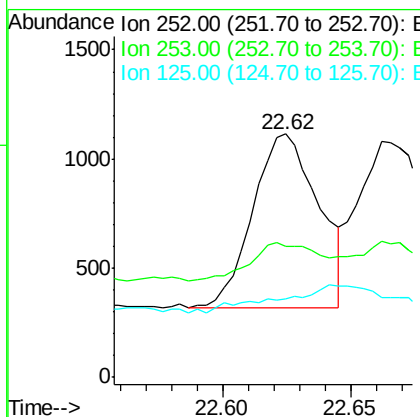
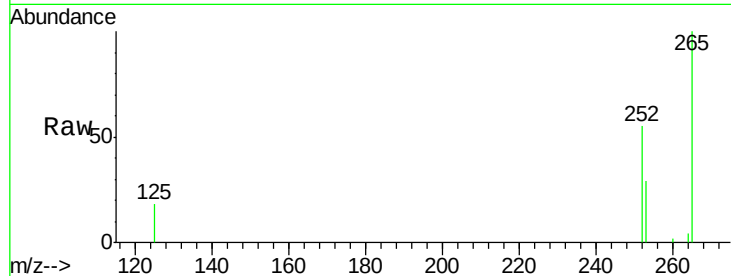
#37
Benzo(b)fluoranthene
Concen: 0.078 ng
RT: 22.62 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Instrument :
BNA_N
ClientSampled :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	54.1	22.7	34.1#
125	32.4	10.4	15.6#

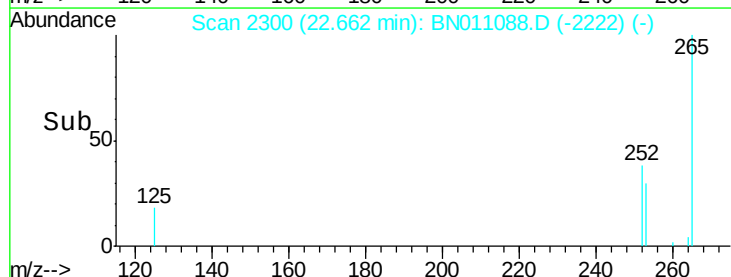
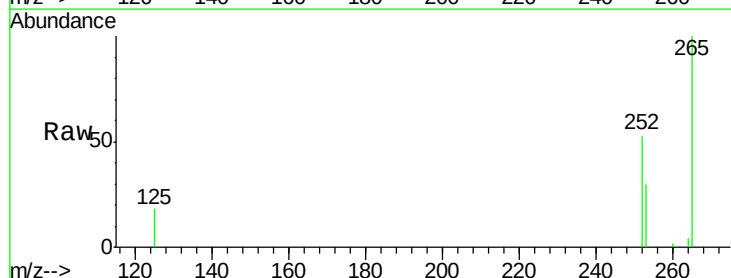
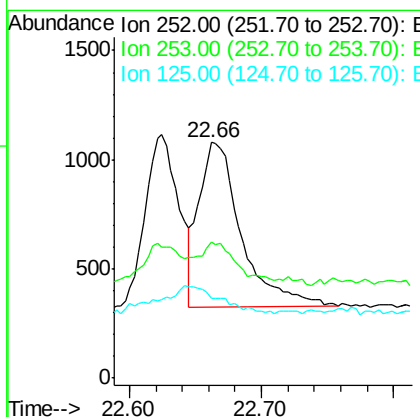
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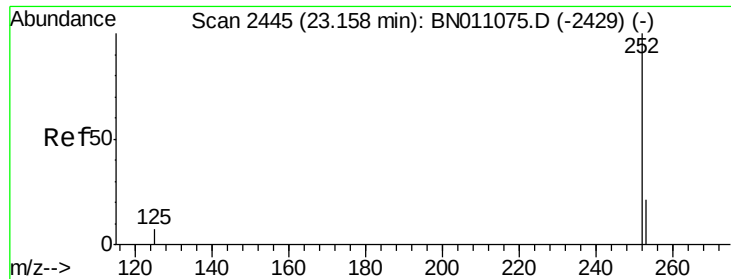
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#38
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.66 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BN011088.D
Acq: 02 Jul 2020 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	57.8	22.9	34.3#
125	33.8	10.6	15.8#





#39

Benzo(a)pyrene

Concen: 0.081 ng

RT: 23.17 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Instrument :

BNA_N

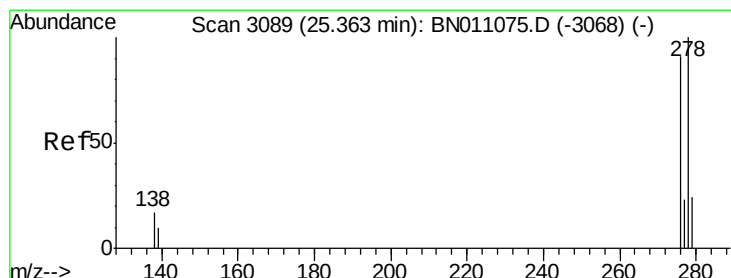
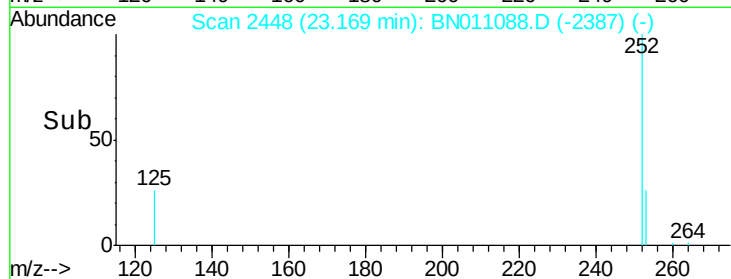
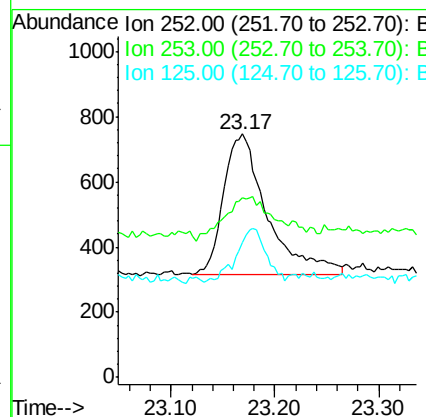
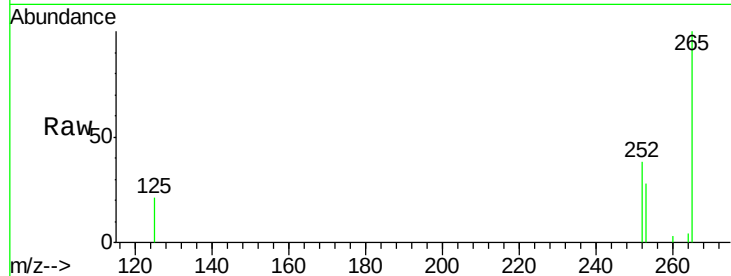
ClientSampled :

MDL-SOIL-03

Tot Ion:	252	Resp:	1265
Ion Ratio	Lower	Upper	
252	100		
253	73.8	25.9	38.9#
125	55.6	12.5	18.7#

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#40

Dibenzo(a,h)anthracene

Concen: 0.063 ng

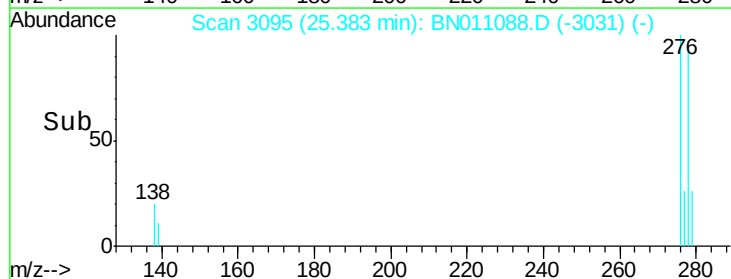
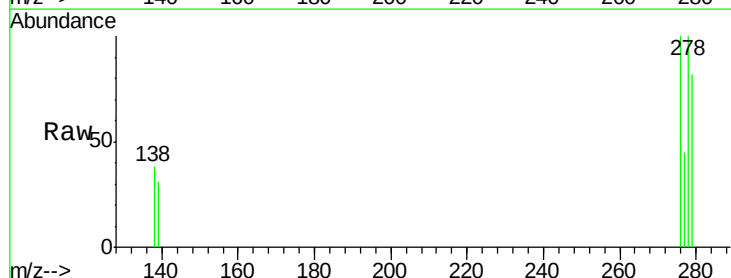
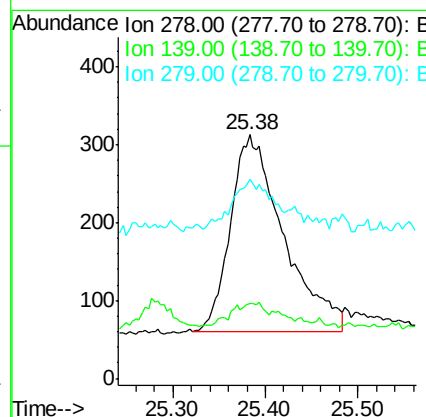
RT: 25.38 min Scan# 3095

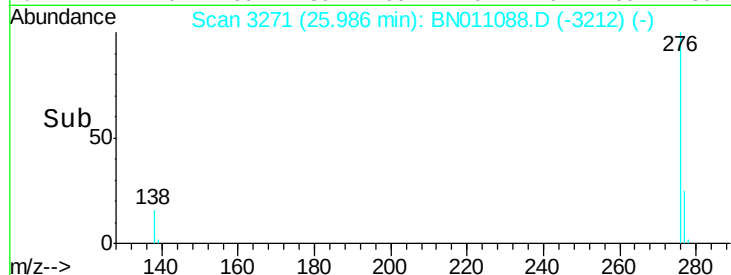
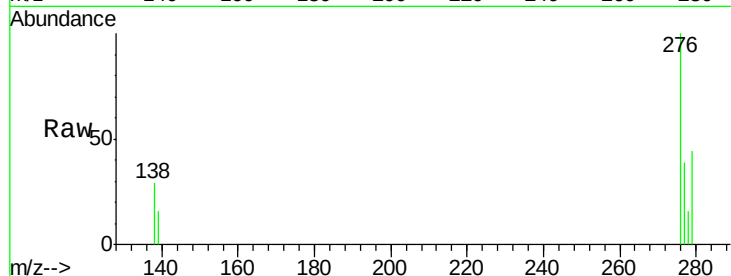
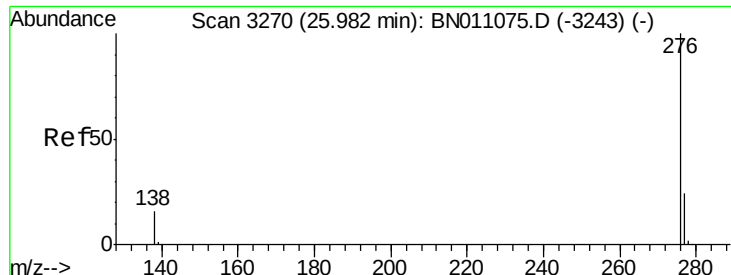
Delta R.T. 0.02 min

Lab File: BN011088.D

Acq: 02 Jul 2020 16:30

Tgt Ion:	278	Resp:	1005
Ion Ratio	Lower	Upper	
278	100		
139	30.7	11.9	17.9#
279	81.8	25.5	38.3#





#41
 Benzo(a,h,i)perylene
 Concen: 0.081 ng
 RT: 25.99 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: BN011088.D
 Acq: 02 Jul 2020 16:30

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
276	100		
277	38.6	21.1	31.7#
138	29.2	15.0	22.6#

Manual Integrations
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