

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009375.D
 Acq On : 15 Jan 2020 12:23
 Operator : JU
 Sample : K3591-01
 Misc : LOD-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Manual Integrations
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Quant Time: Jan 15 17:11:45 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	1376	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4673	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	3058	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	6842	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5906	0.40	ng	0.00
34) Perylene-d12	23.19	264	5980	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1214	0.38	ng	0.00
5) Phenol-d6	6.69	99	1310	0.36	ng	0.00
8) Nitrobenzene-d5	8.66	82	1192	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	11.85	152	2683	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.64	330	373	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.74	172	3955	0.35	ng	0.01
25) Fluoranthene-d10	18.90	212	7176	0.31	ng	0.00
29) Terphenyl-d14	19.51	244	5672	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	118	0.082	ng	98
3) n-Nitrosodimethylamine	3.52	42	192m	0.087	ng	
6) bis(2-Chloroethyl)ether	6.94	93	330	0.087	ng	# 76
9) Naphthalene	10.29	128	1100	0.087	ng	# 82
10) Hexachlorobutadiene	10.57	225	236	0.085	ng	# 98
12) 2-Methylnaphthalene	11.92	142	759	0.086	ng	# 91
16) Acenaphthylene	13.83	152	1043	0.079	ng	99
17) Acenaphthene	14.18	154	780	0.084	ng	99
18) Fluorene	15.18	166	999	0.083	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	312	0.076	ng	93
21) Hexachlorobenzene	16.17	284	367	0.084	ng	95
22) Pentachlorophenol	16.57	266	214	0.174	ng	90
23) Phenanthrene	16.91	178	1672	0.081	ng	99
24) Anthracene	17.01	178	1330	0.077	ng	97
26) Fluoranthene	18.94	202	2011	0.083	ng	98
28) Pyrene	19.30	202	2000	0.089	ng	98
30) Benzo(a)anthracene	21.06	228	1473	0.076	ng	93
31) Chrysene	21.11	228	2061	0.093	ng	94
32) Bis(2-ethylhexyl)phthalate	21.01	149	809	0.094	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1911	0.083	ng	94
35) Benzo(b)fluoranthene	22.57	252	1771	0.081	ng	# 54
36) Benzo(k)fluoranthene	22.61	252	2106	0.087	ng	# 63
37) Benzo(a)pyrene	23.11	252	1738	0.090	ng	# 1
38) Dibenzo(a,h)anthracene	25.30	278	1329	0.068	ng	# 54
39) Benzo(g,h,i)perylene	25.91	276	1833	0.086	ng	# 82

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

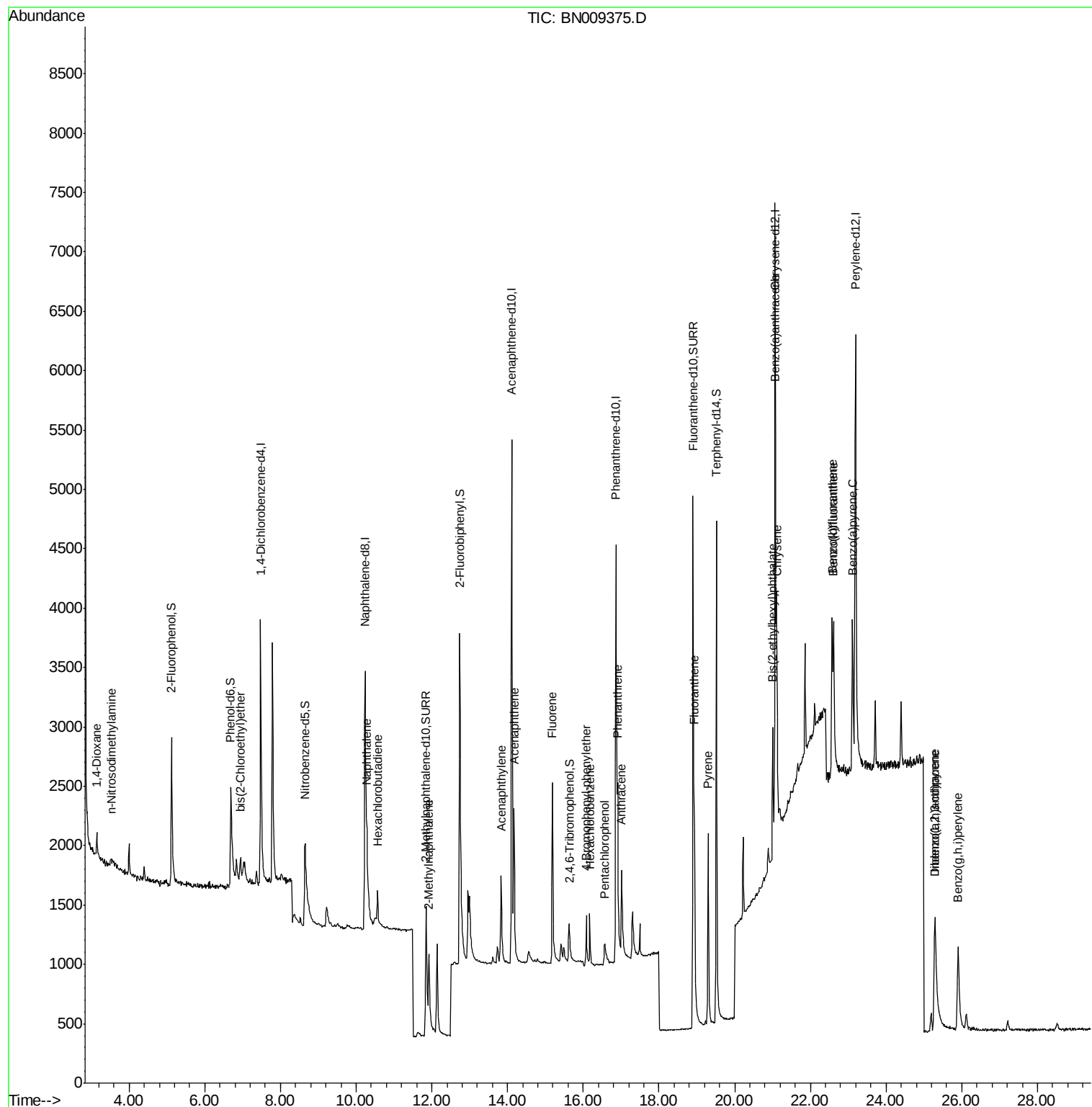
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009375.D
 Acq On : 15 Jan 2020 12:23
 Operator : JU
 Sample : K3591-01
 Misc : LOD-MDL-S-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

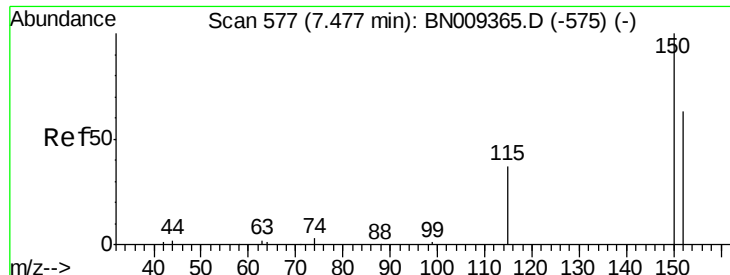
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

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Quant Time: Jan 15 17:11:45 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: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

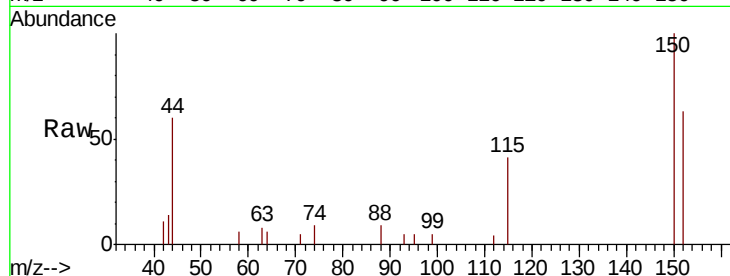
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2019

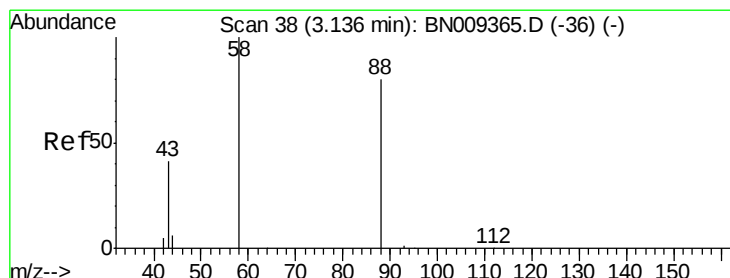
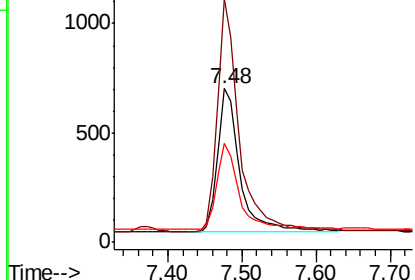
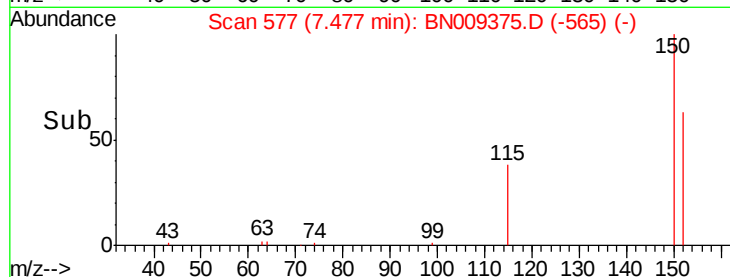
Tot Ion:	152	Resp:	1376
Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.7	188.5
115	64.7	53.3	79.9

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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: 0.082 ng

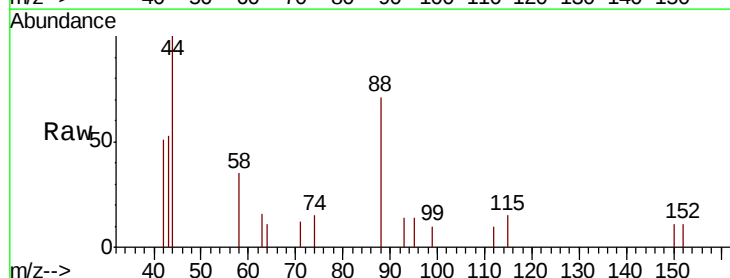
RT: 3.14 min Scan# 39

Delta R.T. 0.01 min

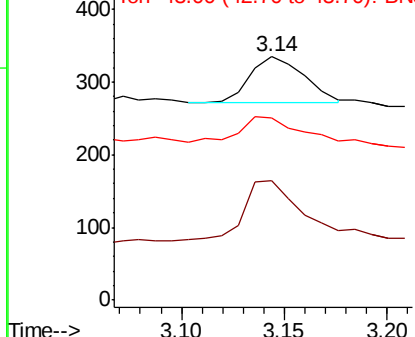
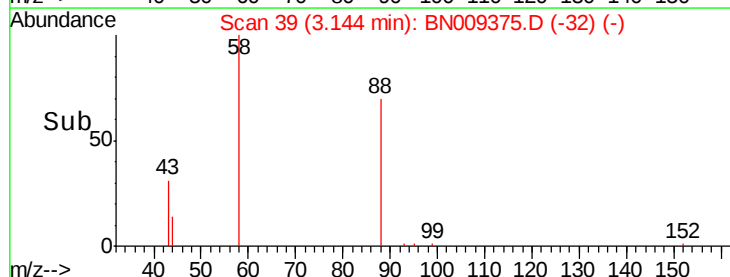
Lab File: BN009375.D

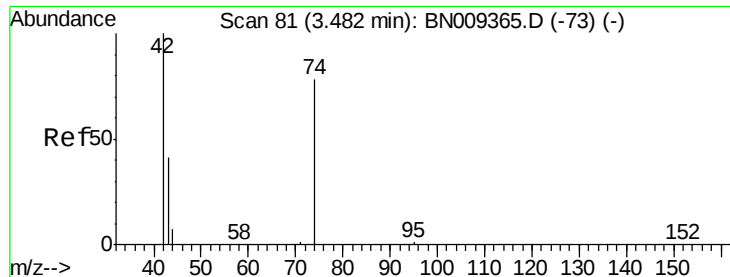
Acq: 15 Jan 2020 12:23

Tgt Ion:	88	Resp:	118
Ion	Ratio	Lower	Upper
88	100		
58	124.6	100.2	150.2
43	56.8	43.1	64.7



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

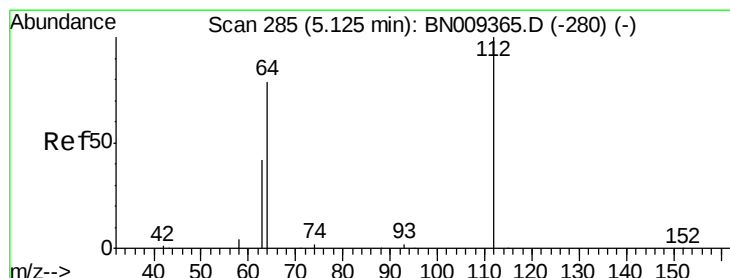
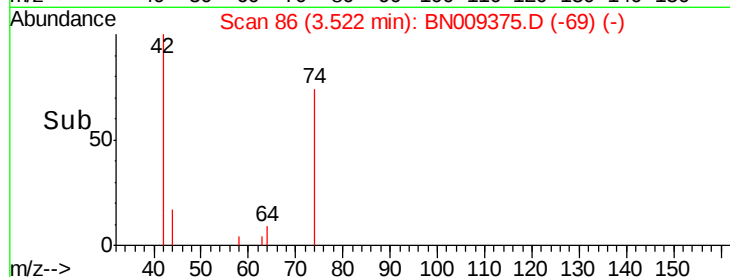
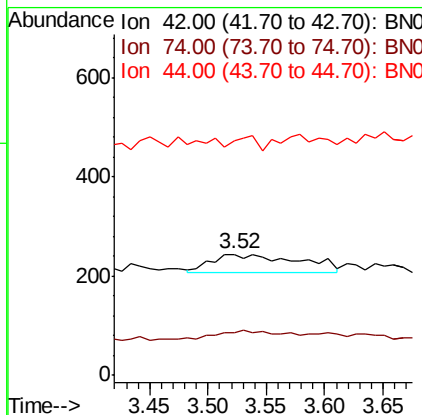
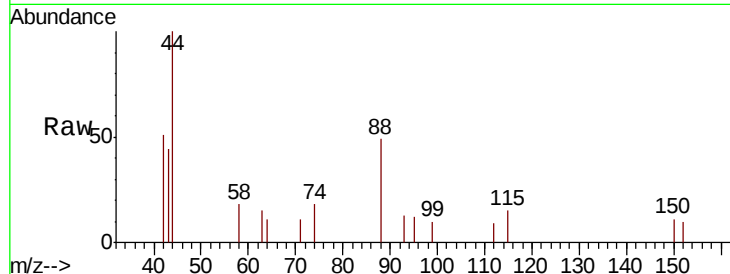
n-Nitrosodimethylamine
 Concen: 0.087 ng/ml
 RT: 3.52 min Scan# 86
 Delta R.T. 0.04 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Tot Ion	42	Resp	192
Ion	Ratio	Lower	Upper
42	100		
74	2.6	55.8	83.8#
44	21.9	11.1	16.7#

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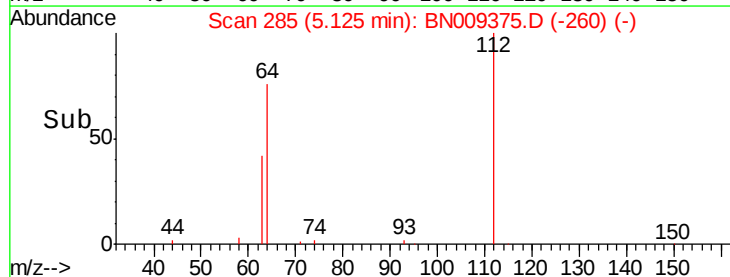
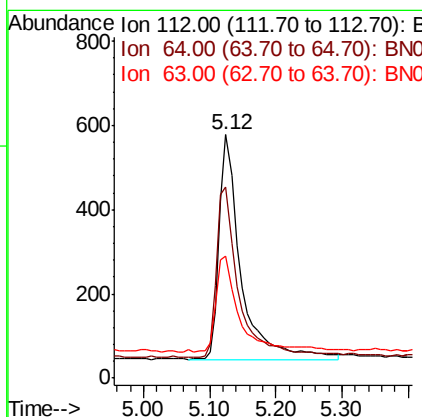
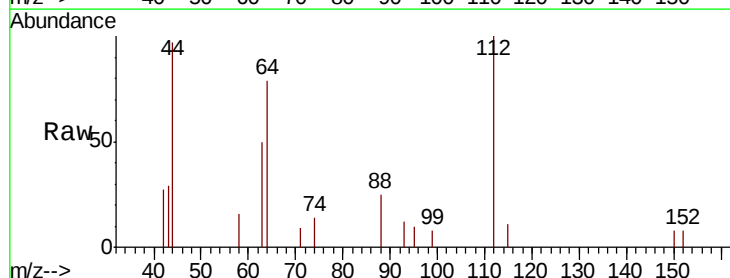
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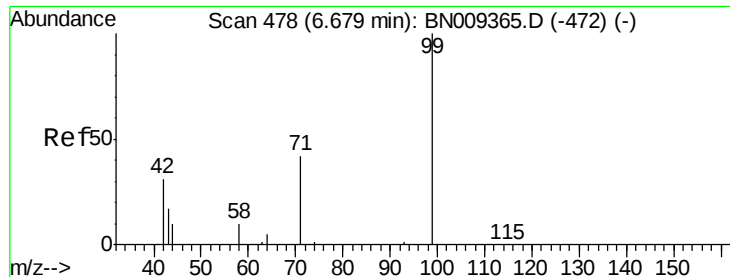


#4

2-Fluorophenol
 Concen: 0.383 ng/ml
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Tgt Ion	112	Resp	1214
Ion	Ratio	Lower	Upper
112	100		
64	76.7	61.5	92.3
63	45.5	35.0	52.4





#5

Phenol-d6

Concen: 0.357 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

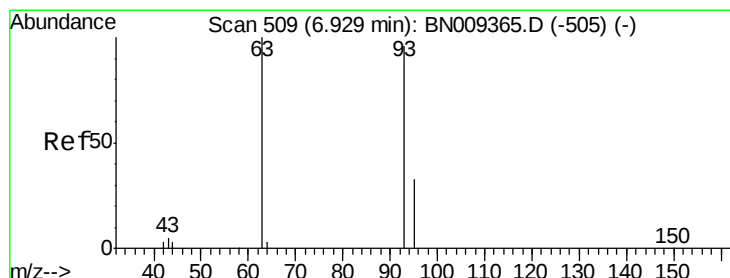
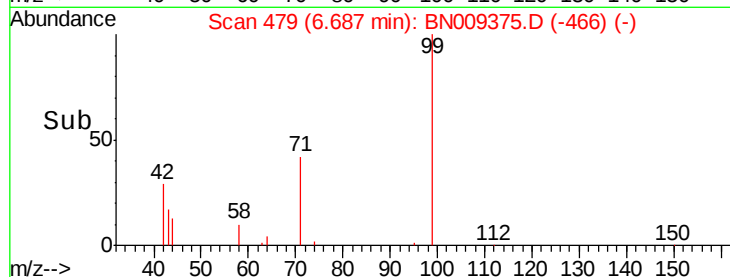
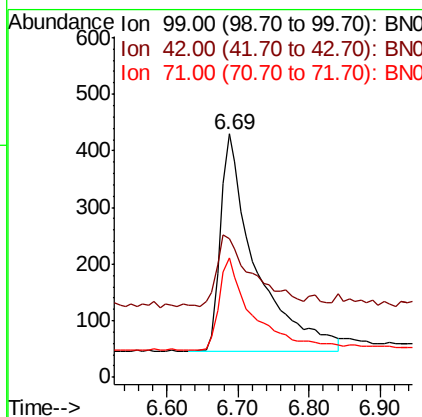
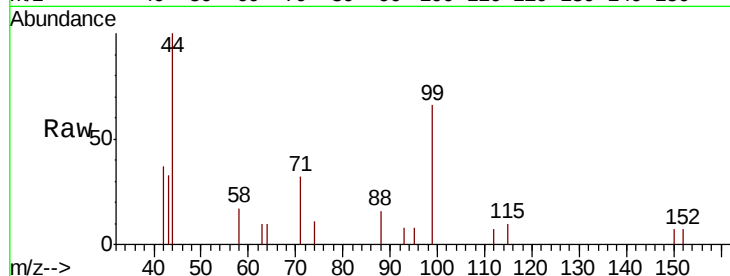
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2019

Tot Ion:	99	Resp:	1310
Ion Ratio	Lower	Upper	
99	100		
42	32.7	27.6	41.4
71	41.3	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.087 ng

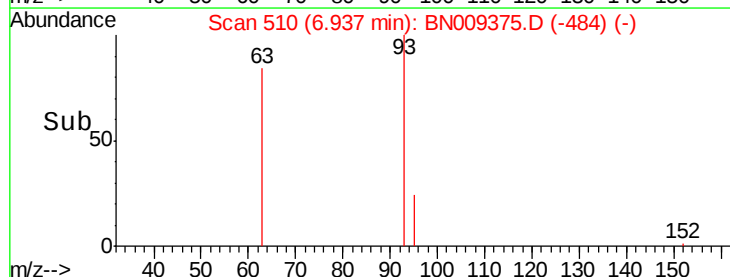
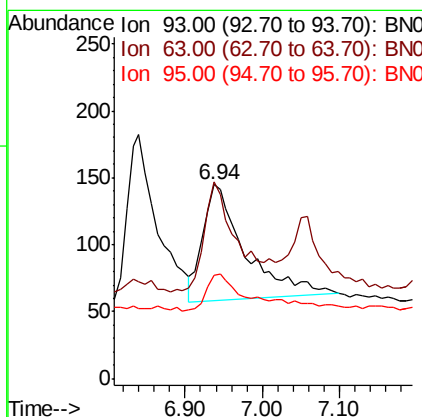
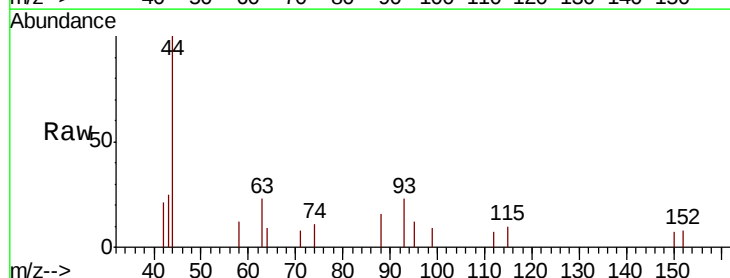
RT: 6.94 min Scan# 510

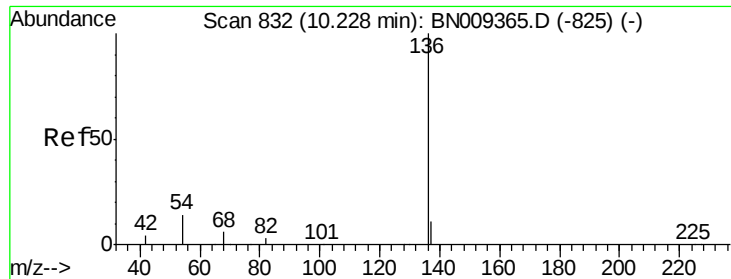
Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Tgt Ion:	93	Resp:	330
Ion Ratio	Lower	Upper	
93	100		
63	72.4	85.1	127.7#
95	37.3	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: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

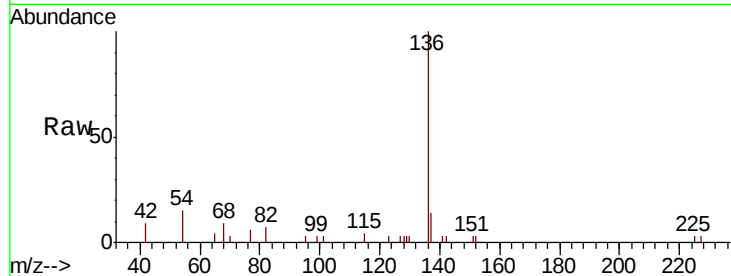
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.3	15.5
54	14.9	12.6	19.0
68	8.5	6.5	9.7

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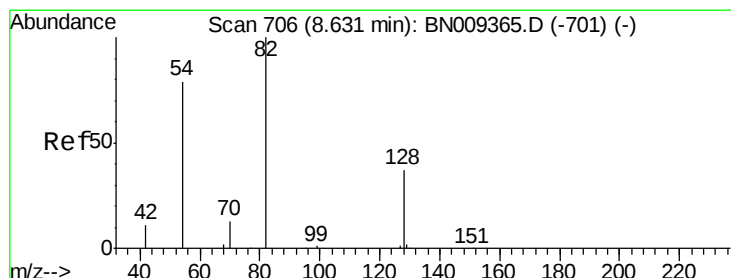
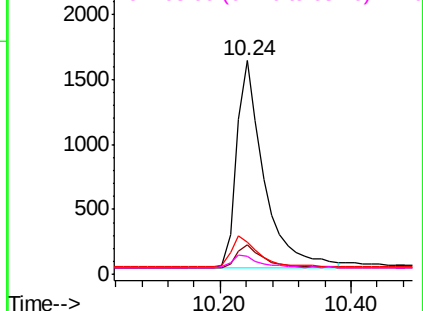
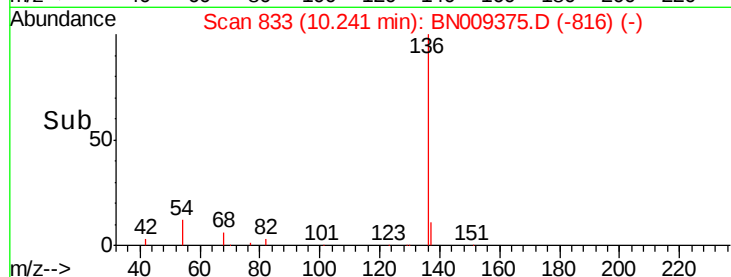


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.320 ng

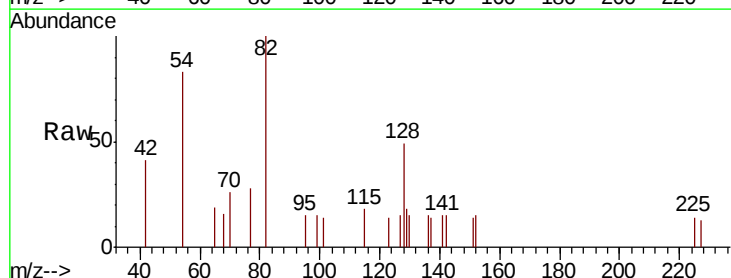
RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

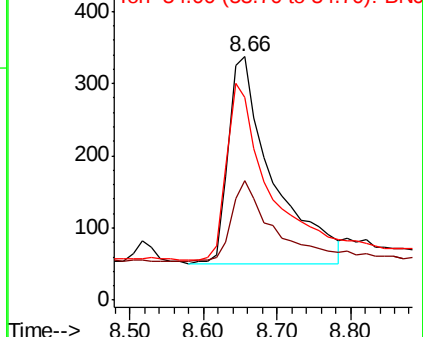
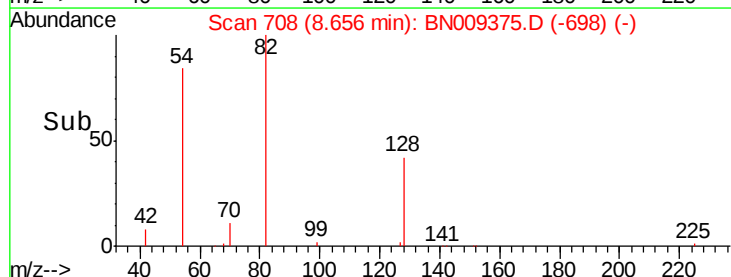
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.8	52.2
54	83.4	65.8	98.6

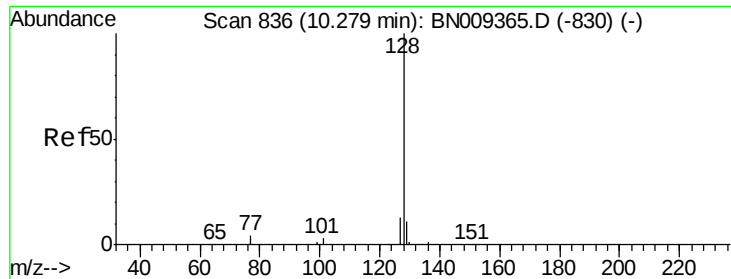


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.087 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

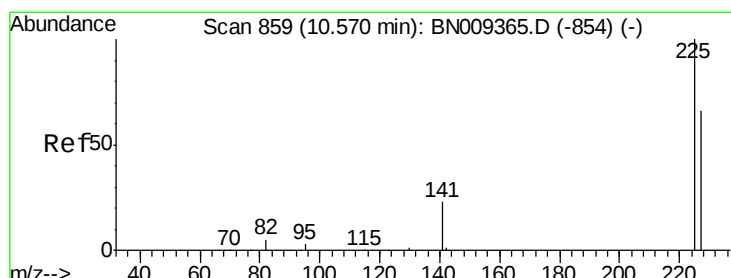
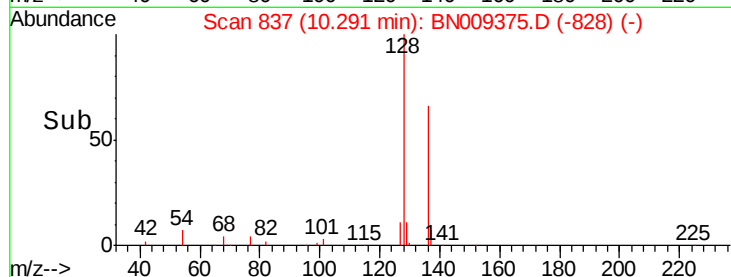
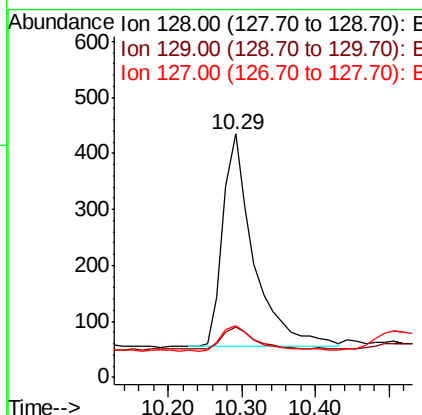
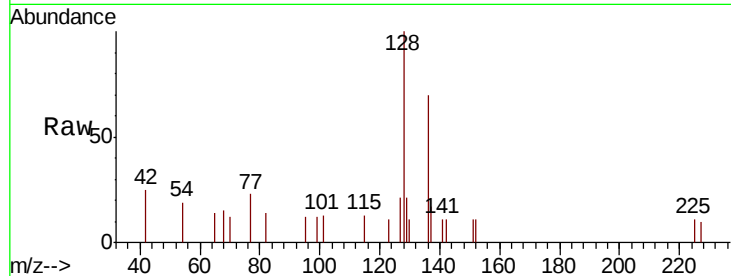
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2019

Tot Ion:	128	Resp:	1100
Ion Ratio	Lower	Upper	
128	100		
129	20.9	10.4	15.6#
127	21.1	11.4	17.2#

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#10

Hexachlorobutadiene

Concen: 0.085 ng

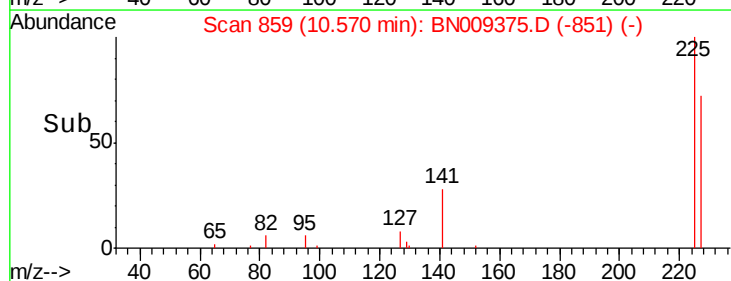
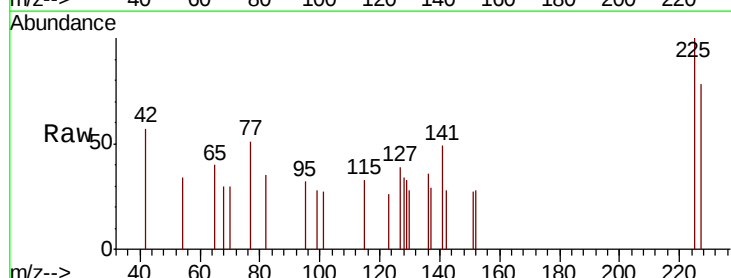
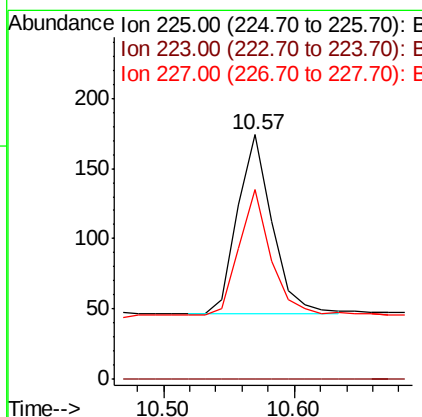
RT: 10.57 min Scan# 859

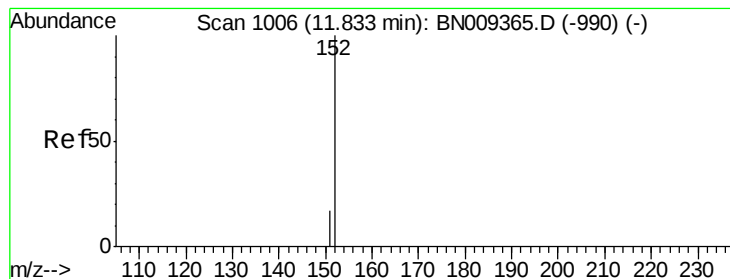
Delta R.T. -0.00 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Tgt Ion:	225	Resp:	236
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.0	52.6	78.8





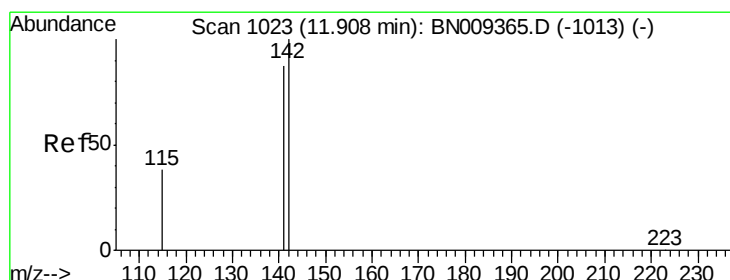
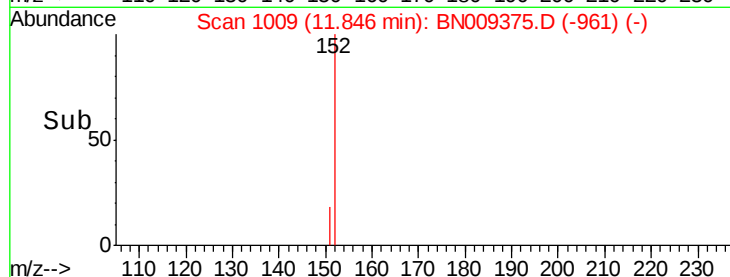
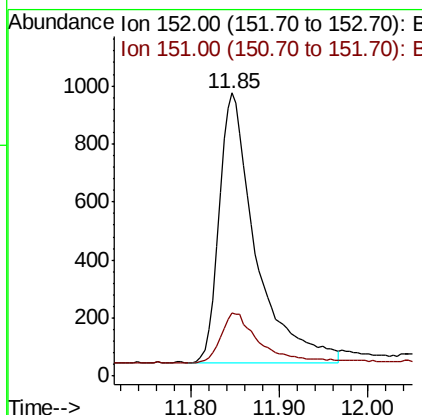
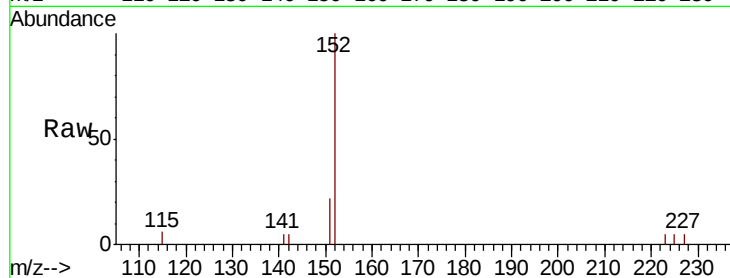
#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.8	22.2

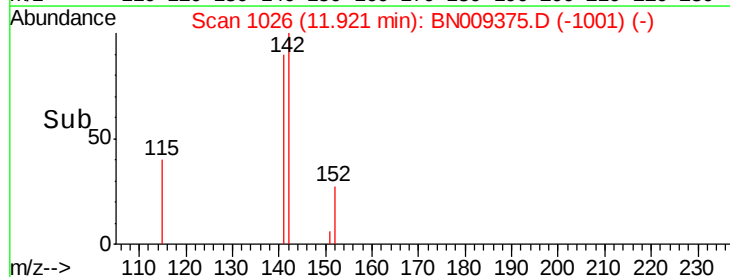
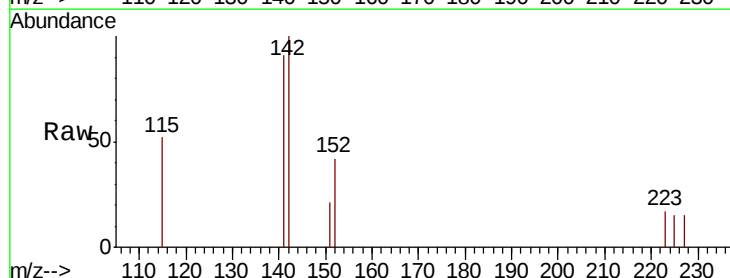
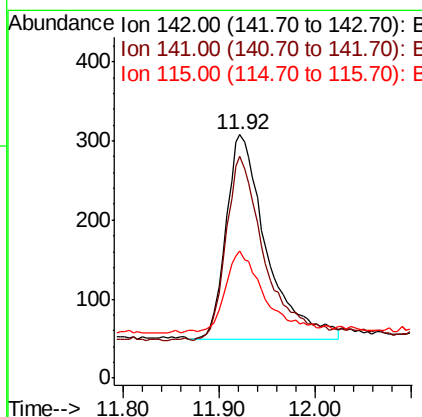
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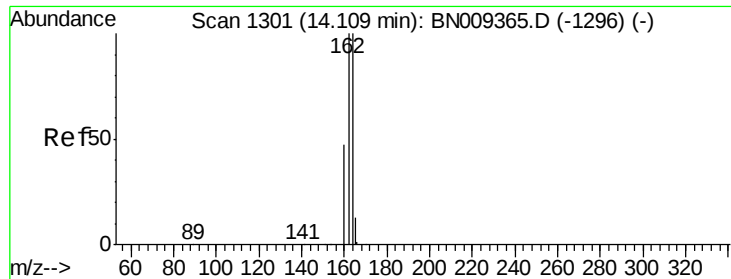
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#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	69.8	104.6
115	52.3	32.5	48.7





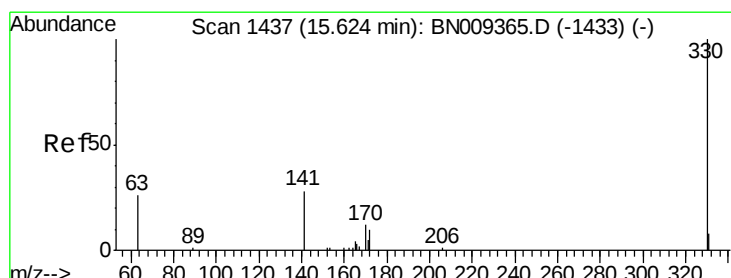
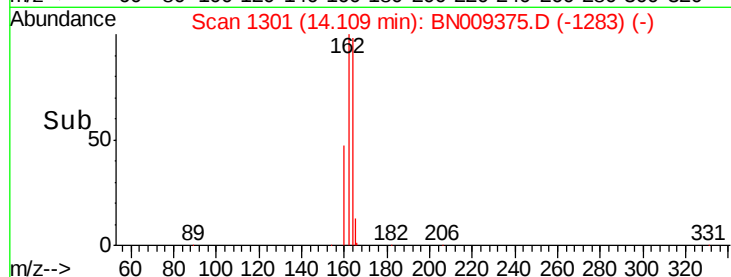
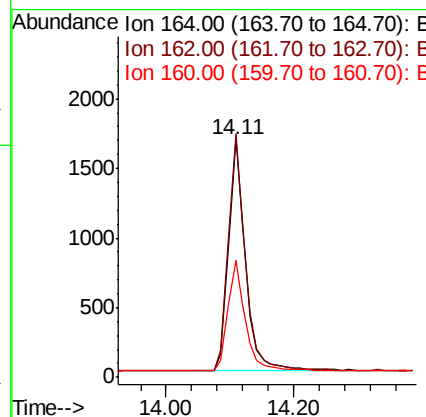
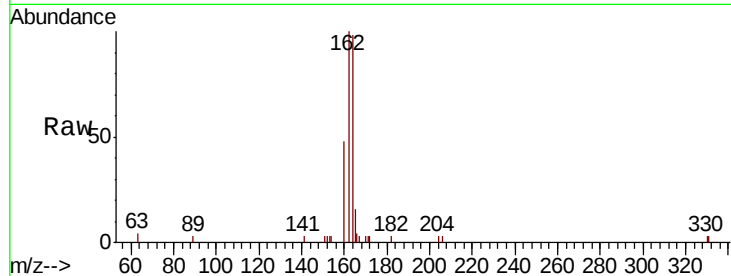
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.6
160	49.2	38.4	57.6

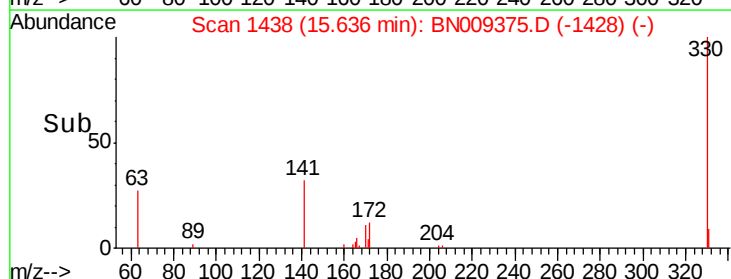
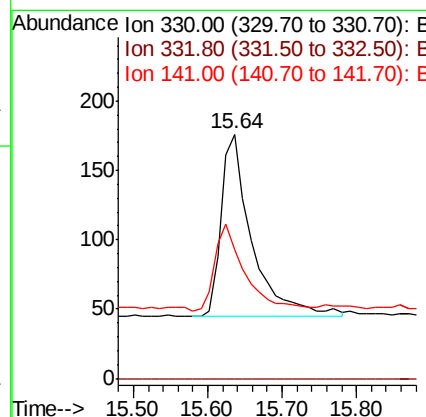
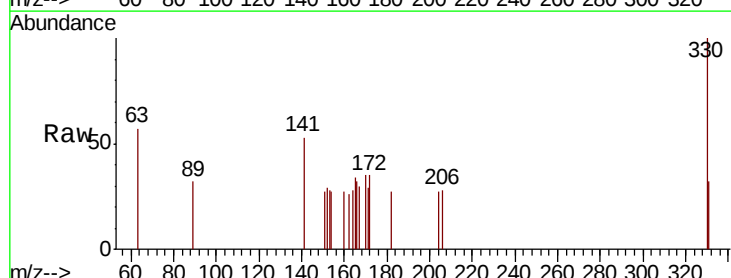
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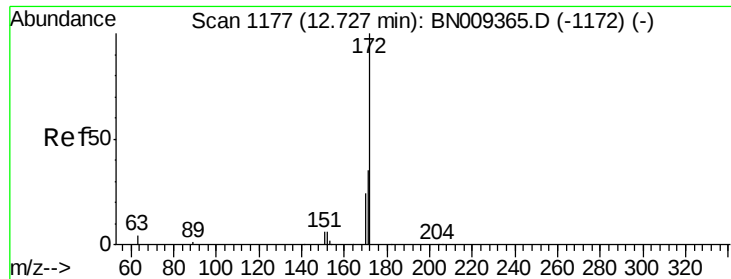
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#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.64 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.1	33.1	49.7





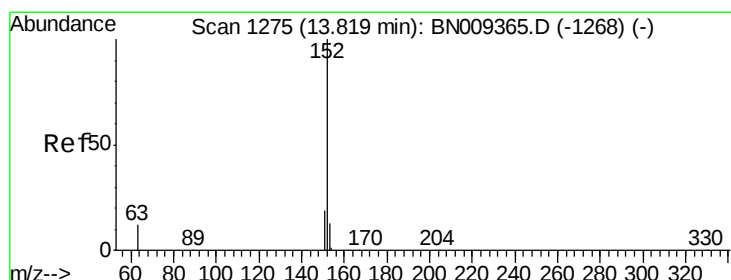
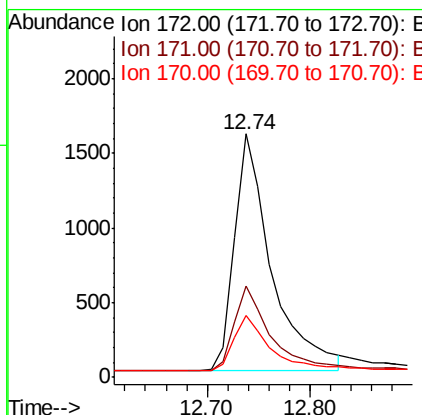
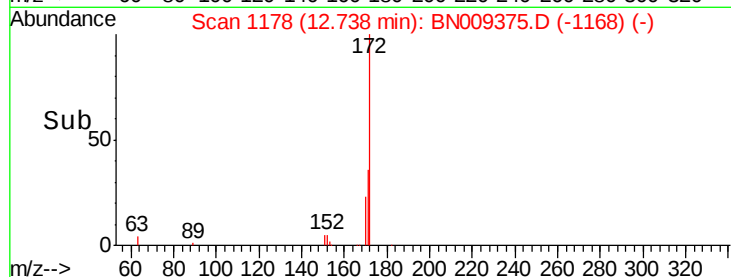
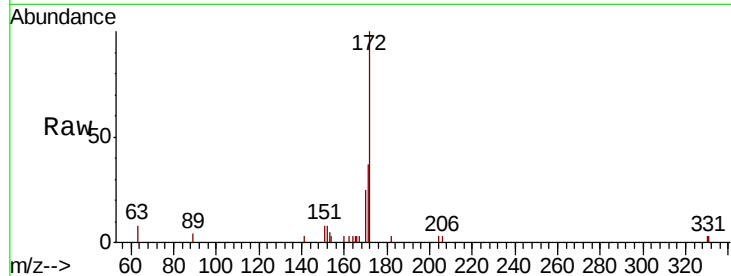
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.74 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	25.4	20.7	31.1

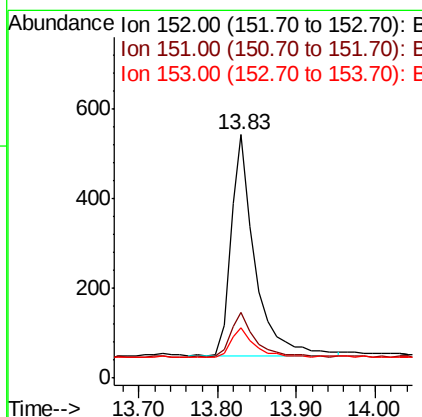
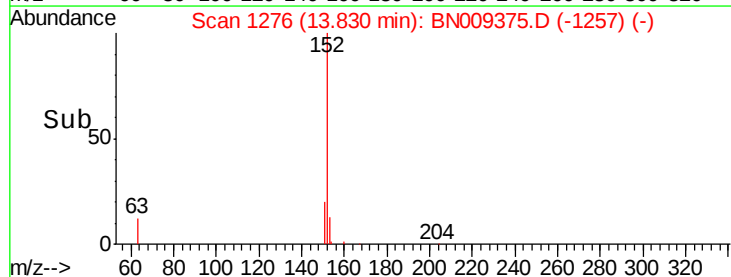
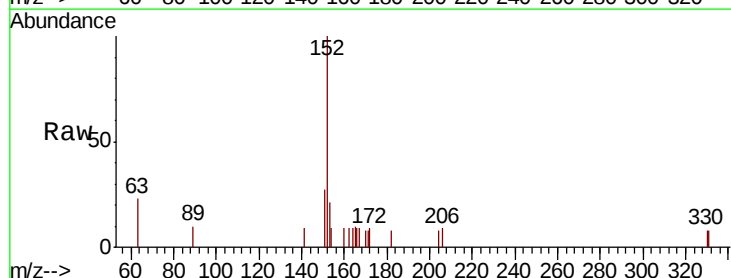
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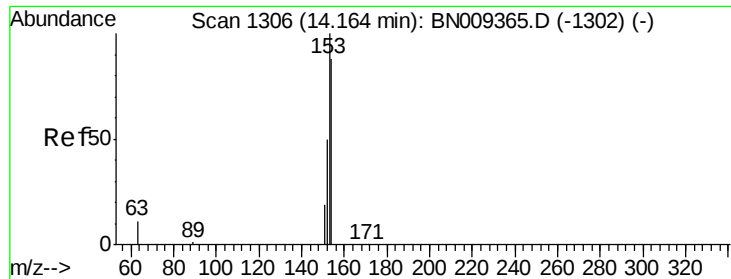
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#16
Acenaphthylene
Concen: 0.079 ng
RT: 13.83 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.2
153	12.9	10.4	15.6





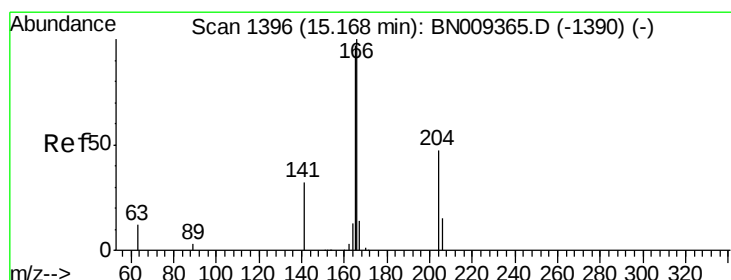
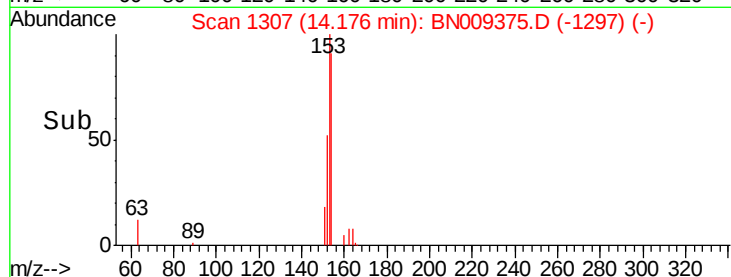
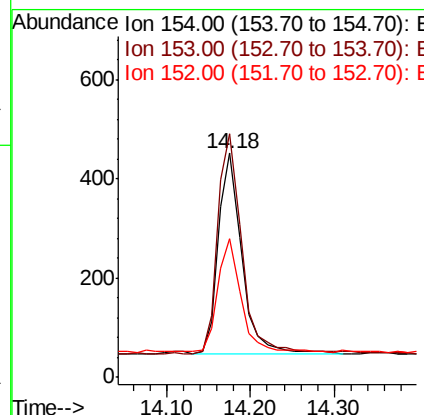
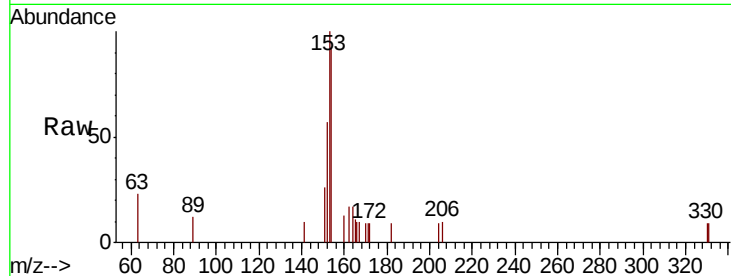
#17
Acenaphthene
Concen: 0.084 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	57.6	45.3	67.9

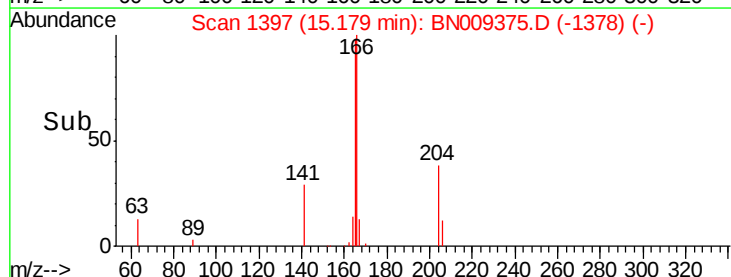
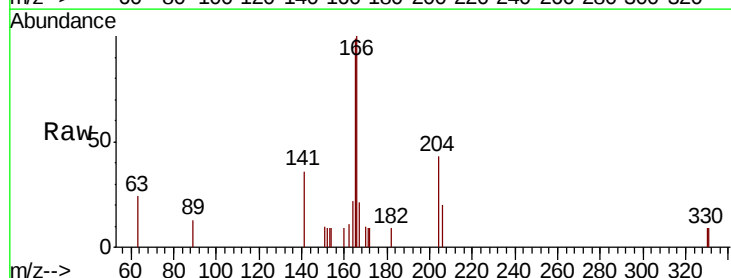
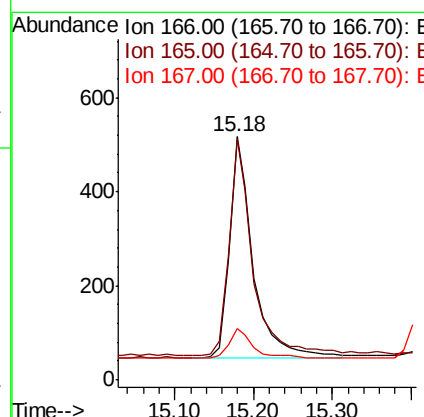
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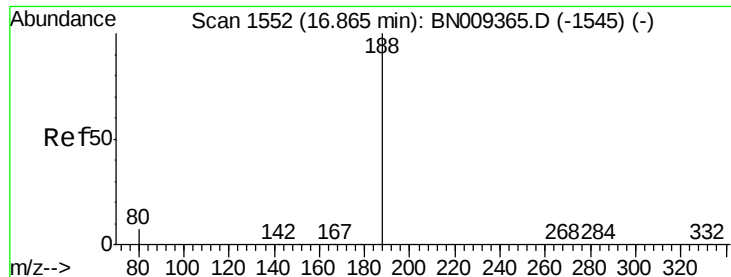
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#18
Fluorene
Concen: 0.083 ng
RT: 15.18 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.2
167	14.3	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: BN009375.D

Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

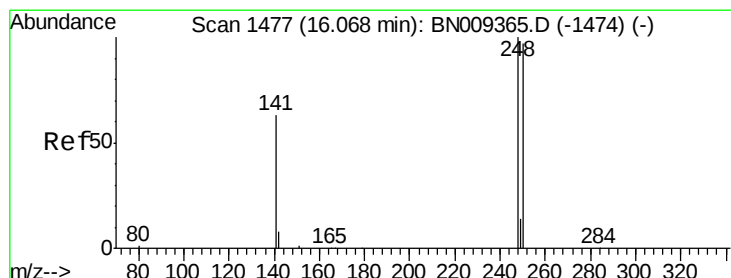
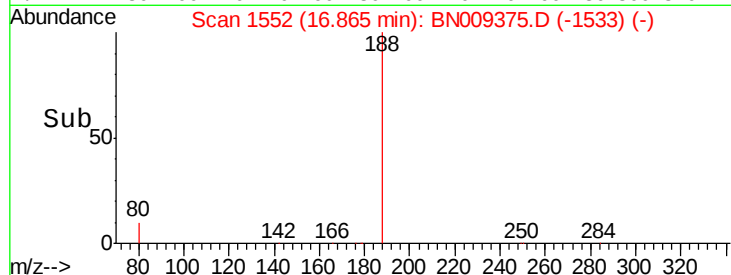
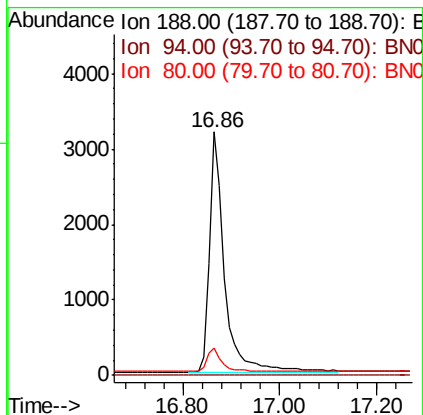
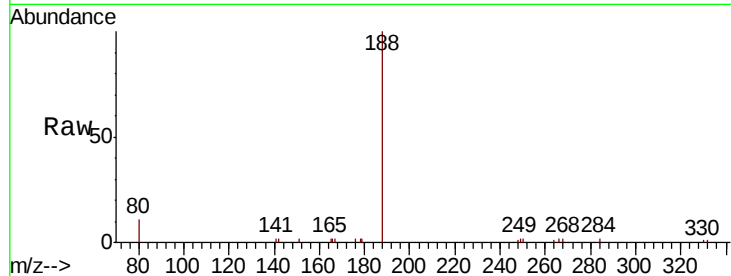
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2019

Tot Ion:	188	Resp:	6842
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	6.6	10.0#

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#20

4-Bromophenyl-phenylether

Concen: 0.076 ng

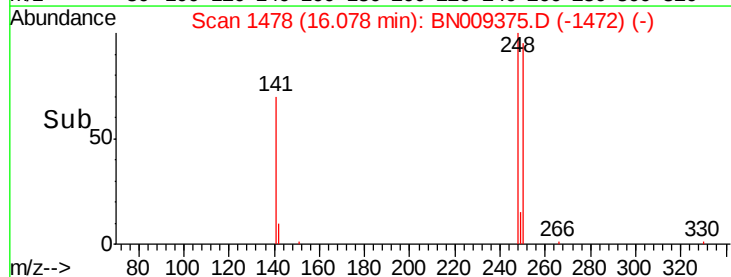
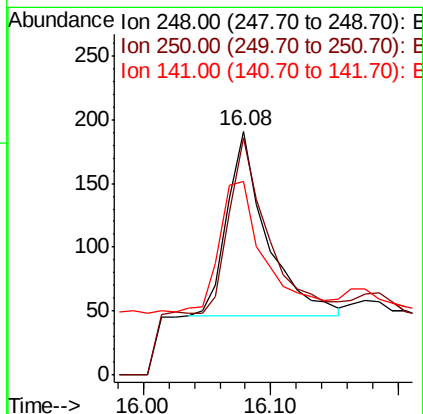
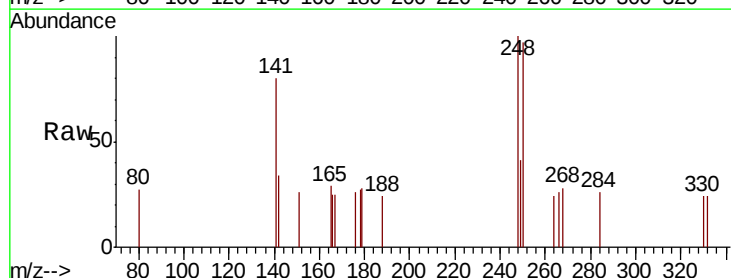
RT: 16.08 min Scan# 1478

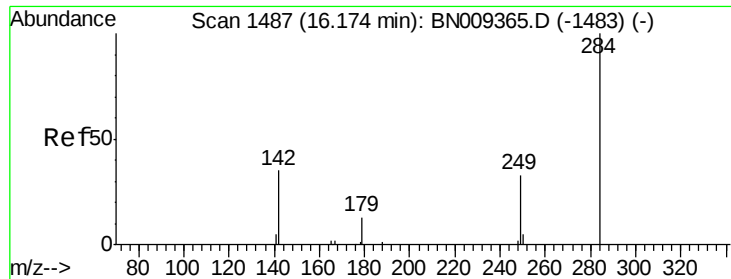
Delta R.T. 0.01 min

Lab File: BN009375.D

Acq: 15 Jan 2020 12:23

Tgt Ion:	248	Resp:	312
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.8	116.8
141	79.6	53.4	80.0





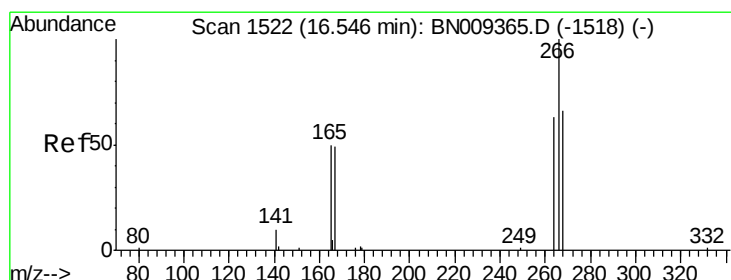
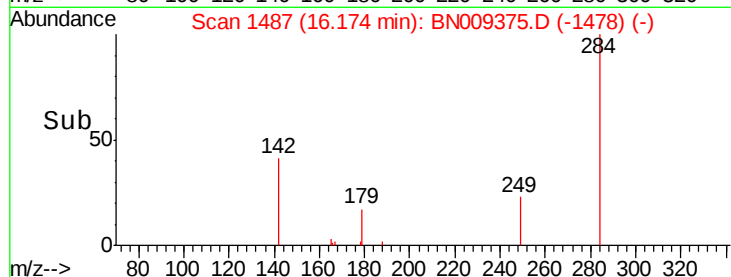
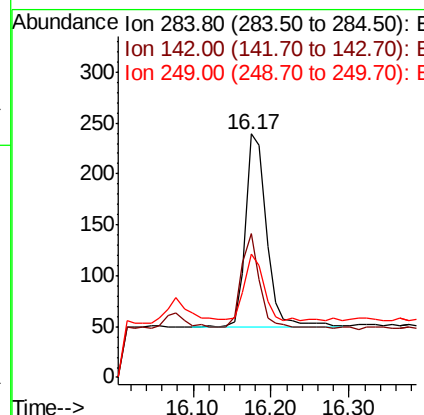
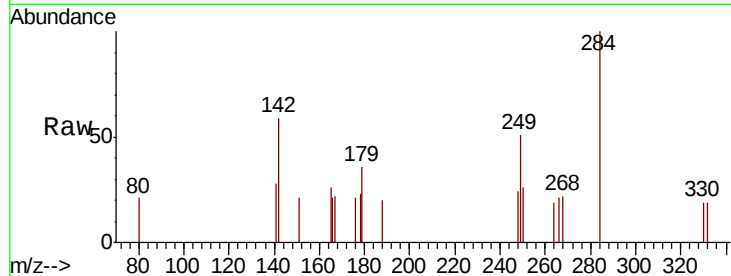
#21
Hexachlorobenzene
Concen: 0.084 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.3	33.8	50.8
249	28.9	27.0	40.4

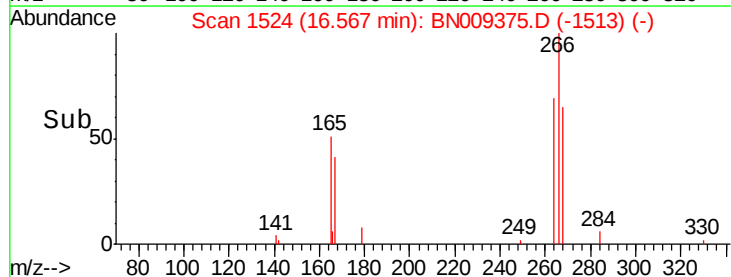
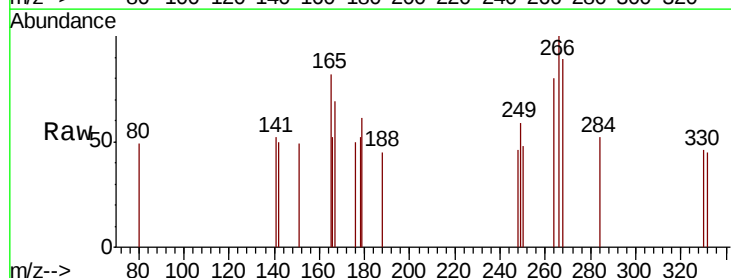
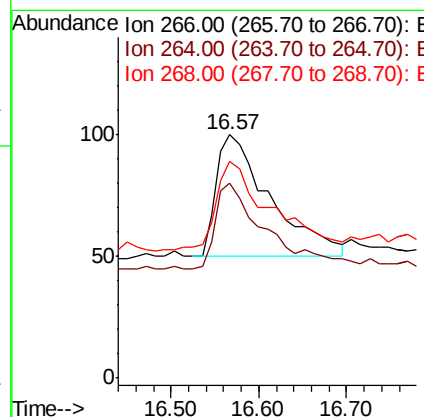
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#22
Pentachlorophenol
Concen: 0.174 ng
RT: 16.57 min Scan# 1524
Delta R.T. 0.02 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	80.0	57.8	86.6
268	89.0	63.8	95.6





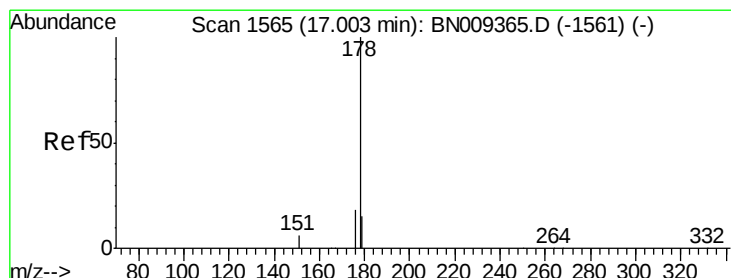
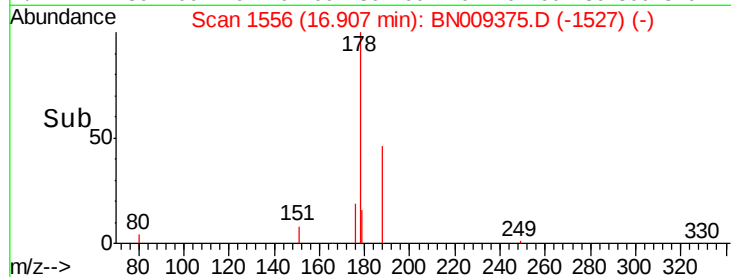
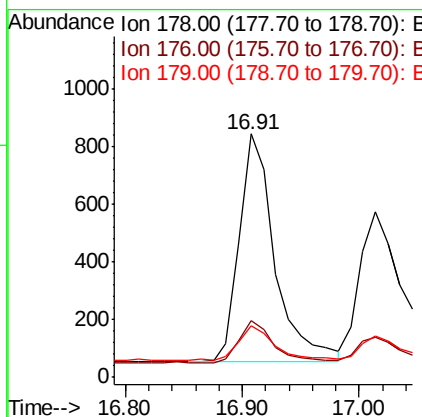
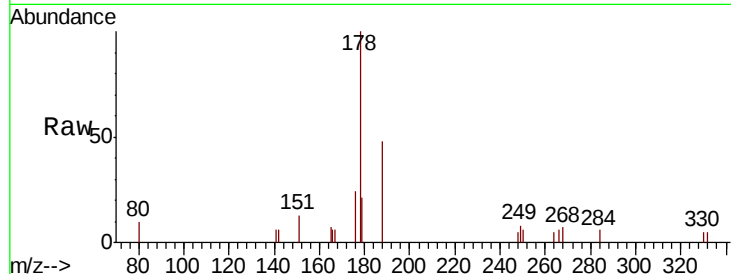
#23
Phenanthrene
Concen: 0.081 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion:178	Resp:	1672
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.4
179	16.1	12.3 18.5

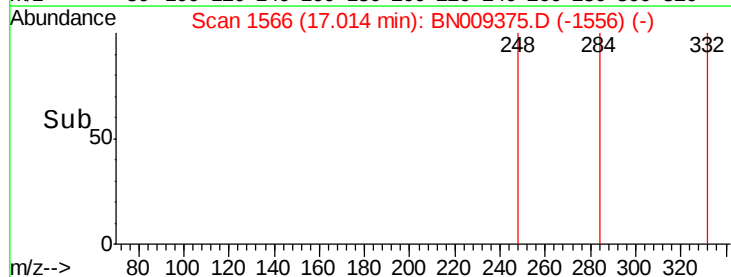
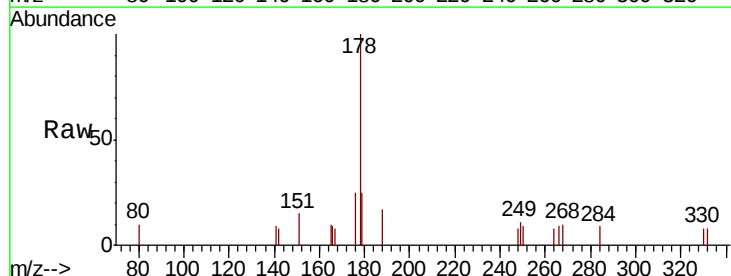
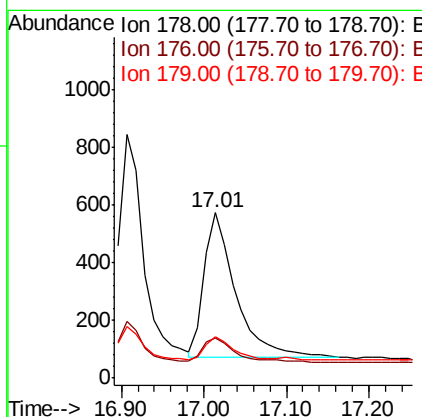
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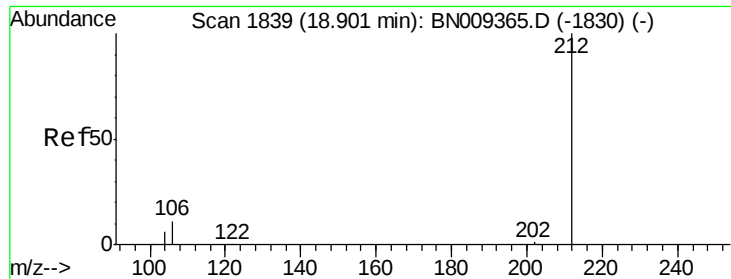
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#24
Anthracene
Concen: 0.077 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:178	Resp:	1330
Ion Ratio	Lower	Upper
178	100	
176	17.6	14.6 21.8
179	13.6	12.5 18.7





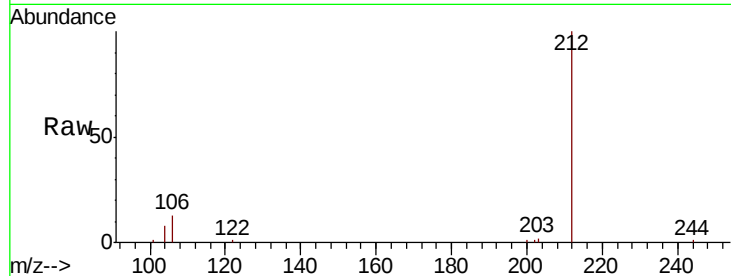
#25
Fluoranthene-d10
Concen: 0.306 ng
RT: 18.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.2	13.8
104	6.5	5.4	8.0

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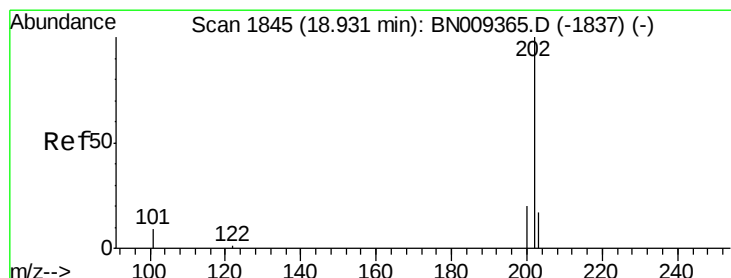
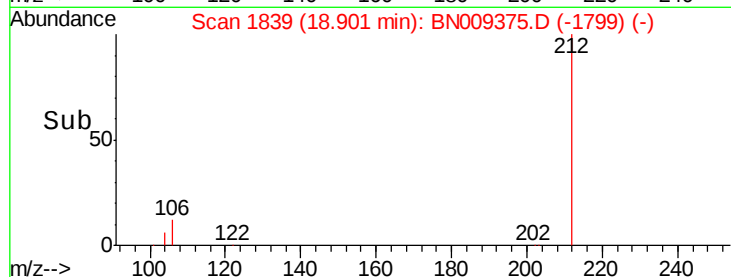
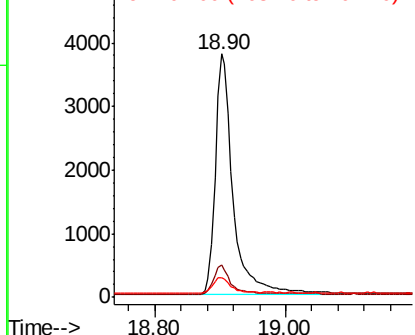


Abundance

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: 18.94 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

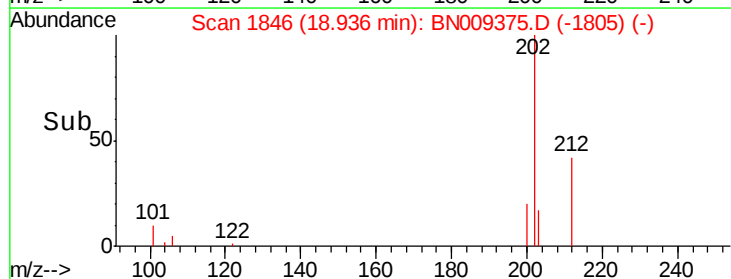
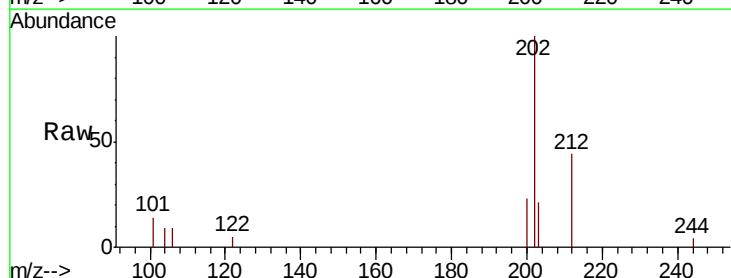
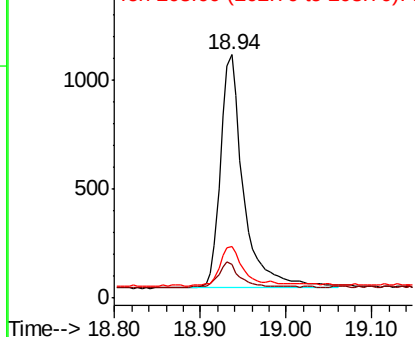
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.0	12.0
203	17.9	13.5	20.3

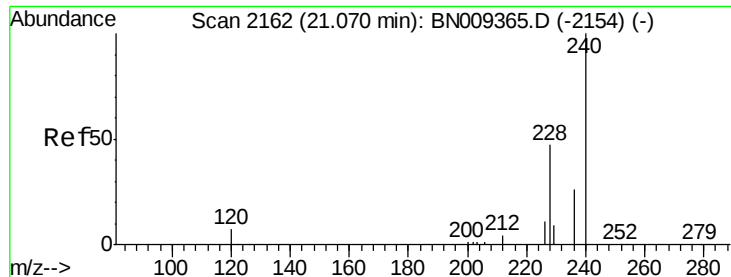
Abundance

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





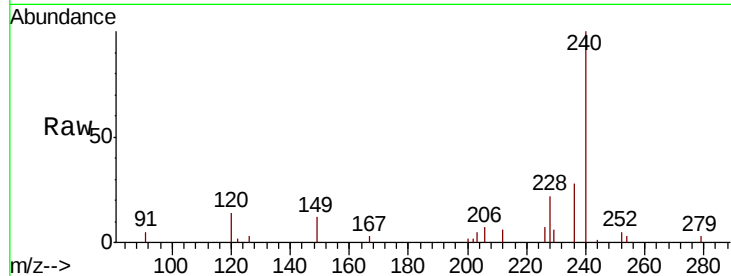
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

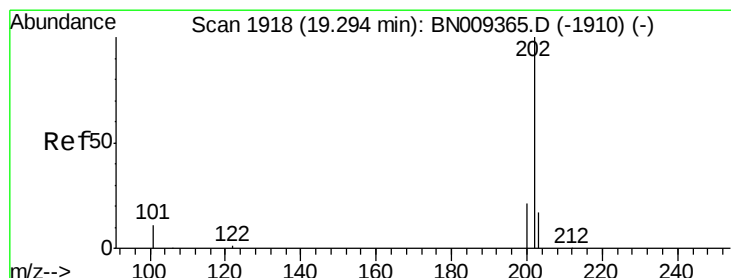
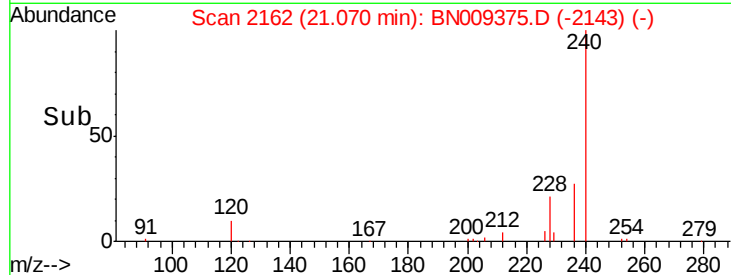
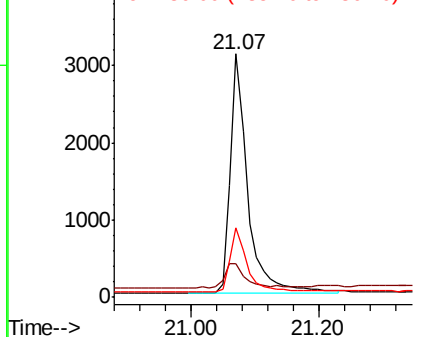
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.1	12.1#
236	28.4	22.2	33.4

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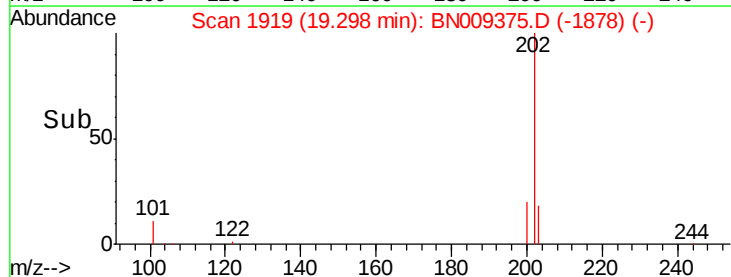
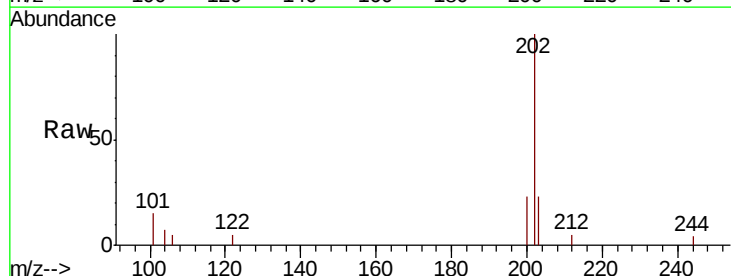
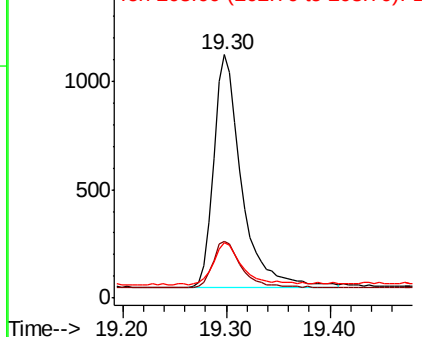
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

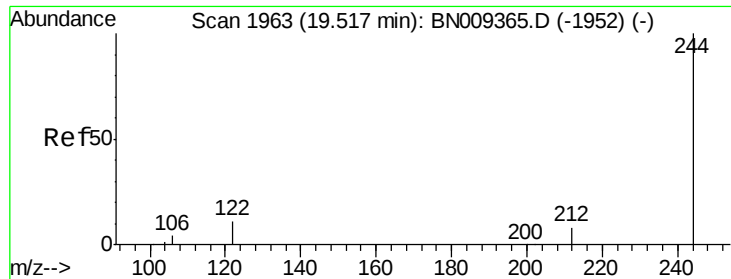


#28
Pyrene
Concen: 0.089 ng
RT: 19.30 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	18.4	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





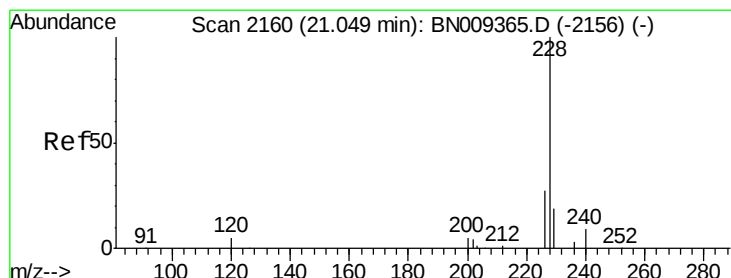
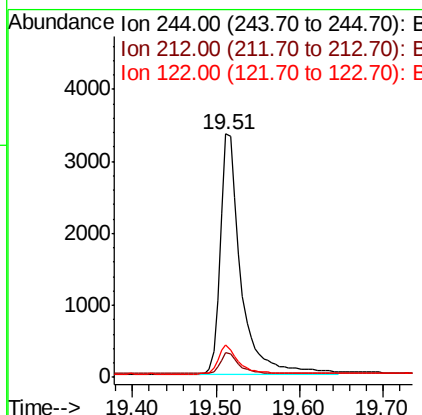
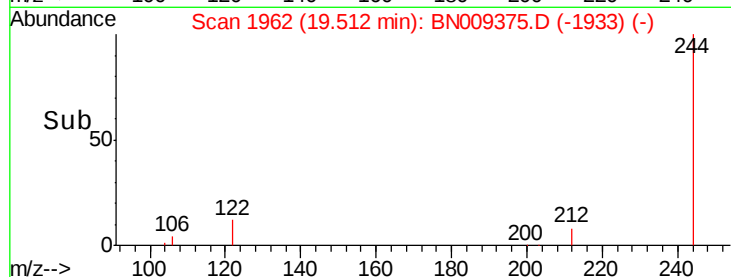
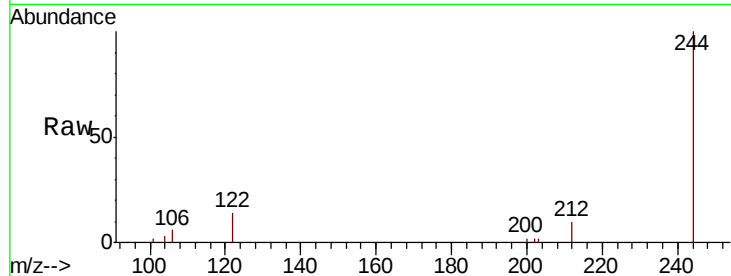
#29
 Terphenyl-d14
 Concen: 0.405 ng
 RT: 19.51 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.5	11.3
122	13.5	9.8	14.6

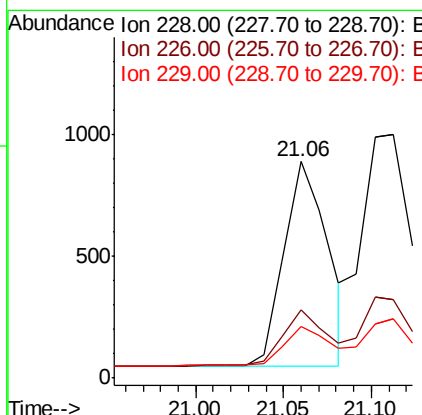
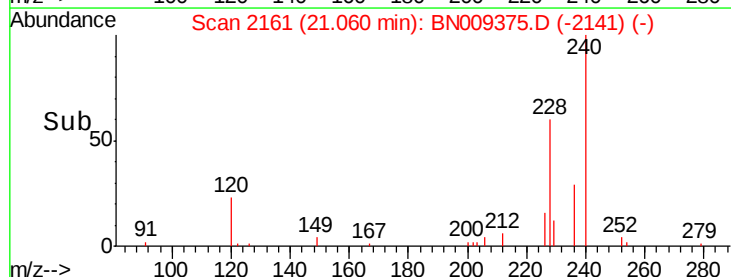
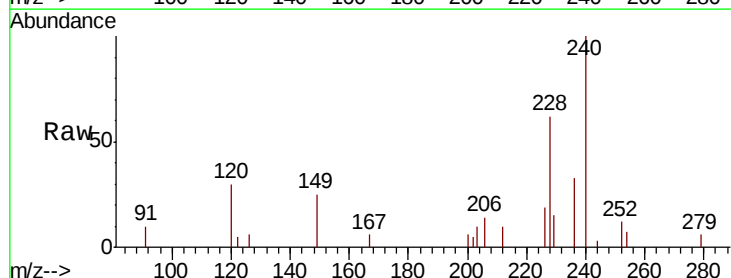
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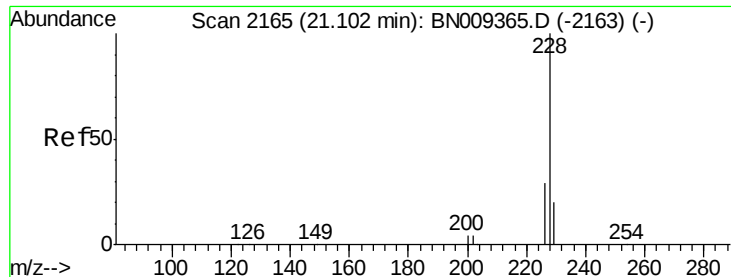
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#30
 Benzo(a)anthracene
 Concen: 0.076 ng
 RT: 21.06 min Scan# 2161
 Delta R.T. 0.01 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.5	33.7
229	24.1	16.1	24.1





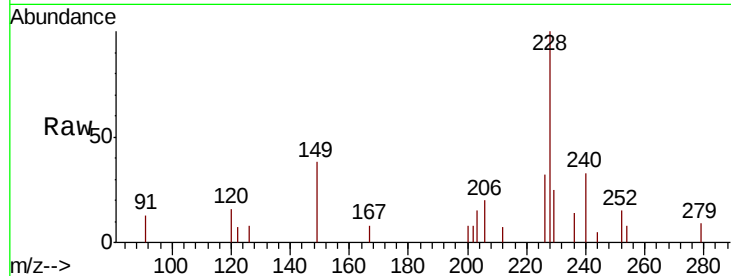
#31
Chrysene
Concen: 0.093 ng
RT: 21.11 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

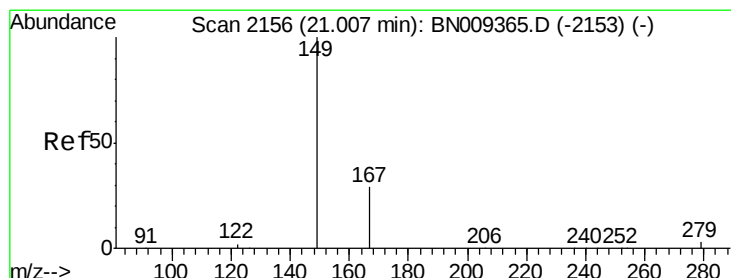
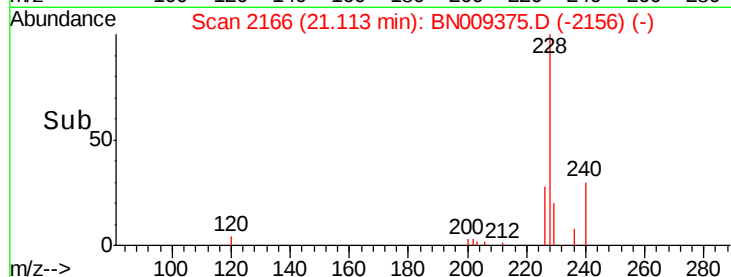
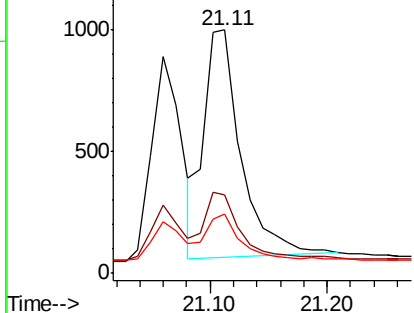
Tot Ion:228	Resp:	2061
Ion Ratio	Lower	Upper
228 100		
226 32.3	23.8	35.8
229 24.5	16.6	24.8

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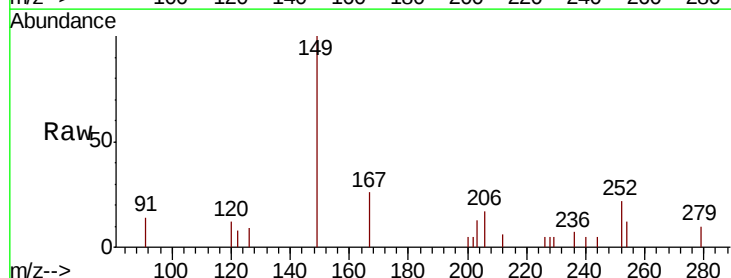


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

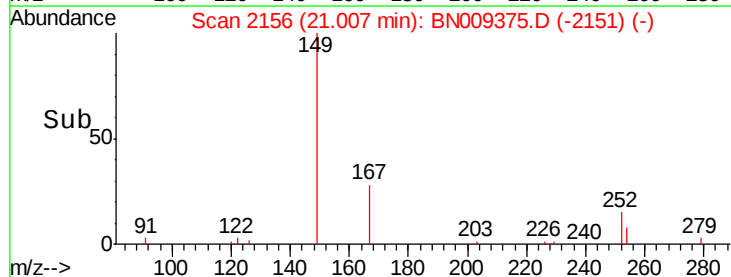
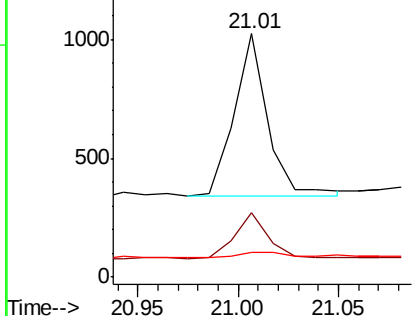


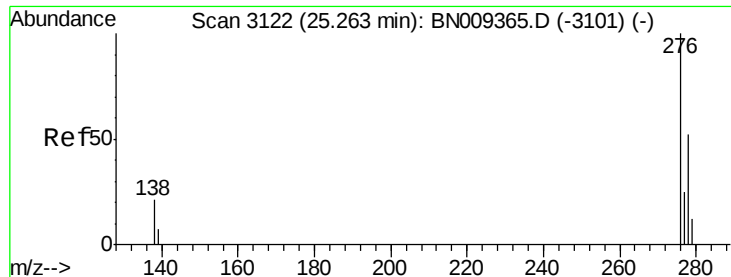
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion:149	Resp:	809
Ion Ratio	Lower	Upper
149 100		
167 28.8	22.9	34.3
279 5.2	3.4	5.0#



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





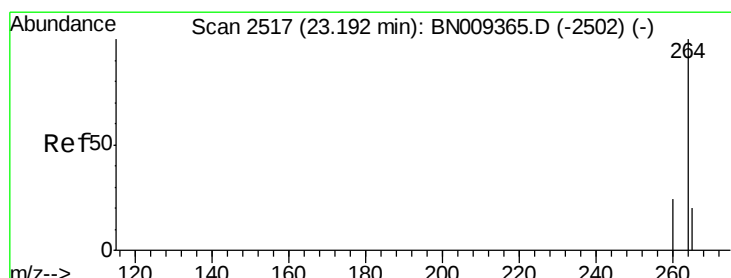
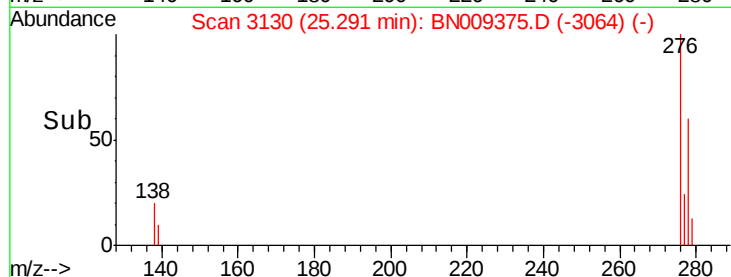
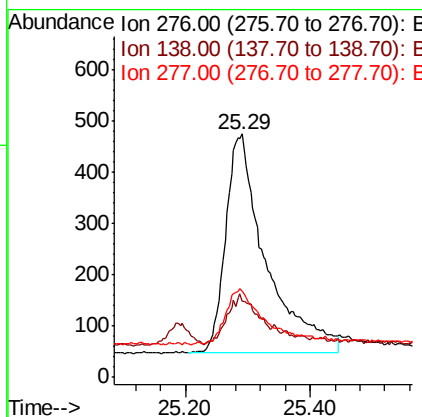
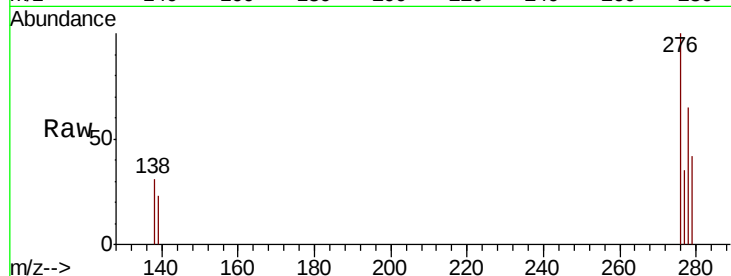
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng
 RT: 25.29 min Scan# 3130
 Delta R.T. 0.03 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.9	23.9
277	22.1	19.8	29.6

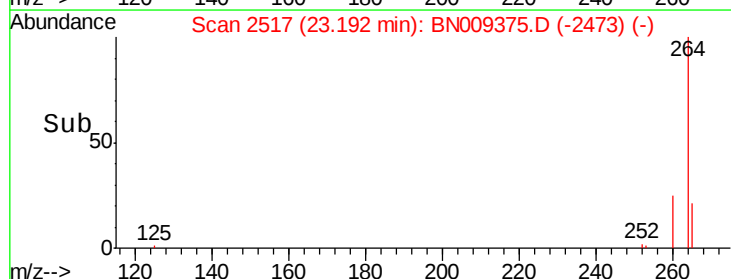
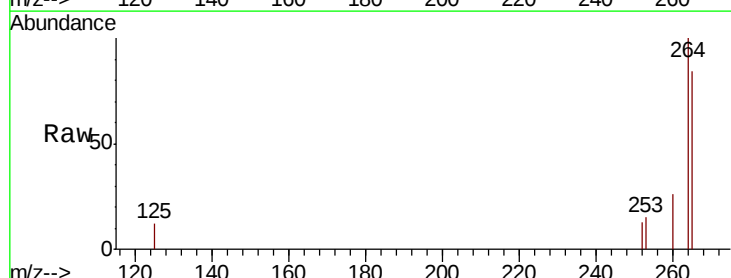
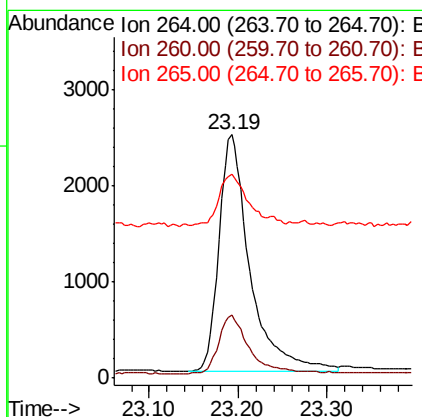
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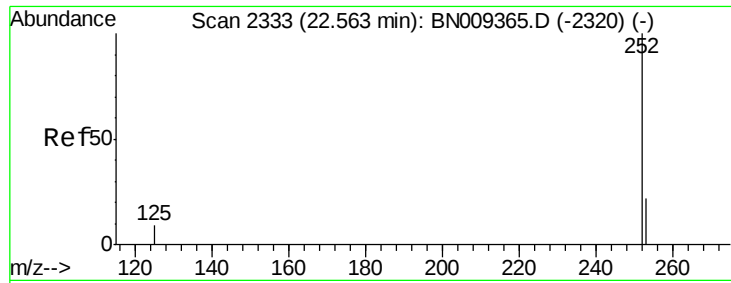
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BN009375.D
 Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	83.5	68.2	102.4





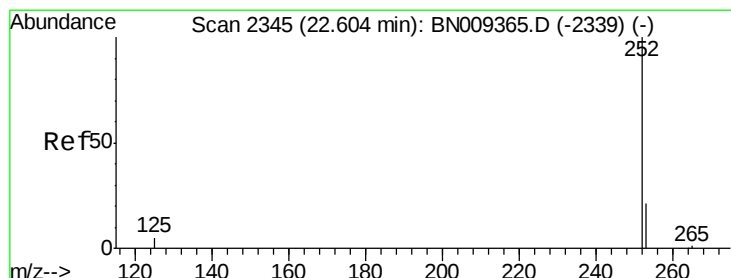
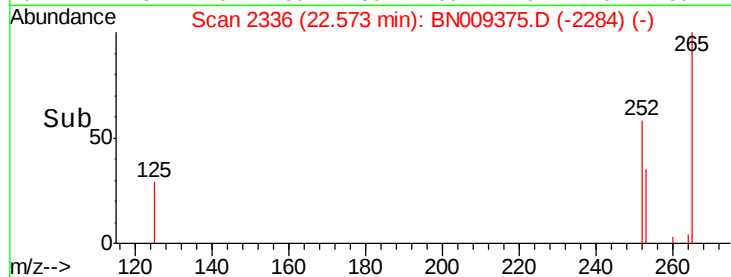
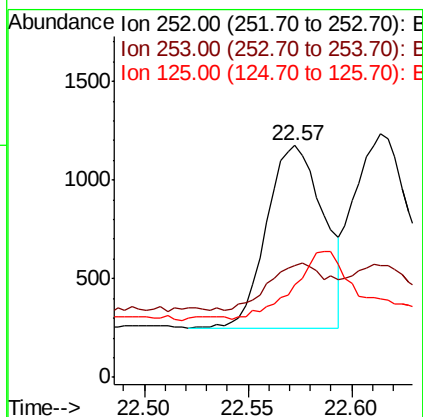
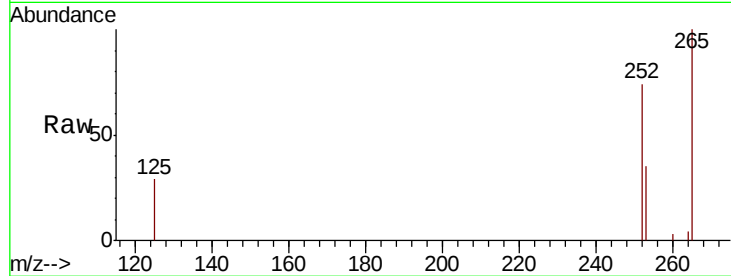
#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.2	22.4	33.6#
125	39.8	11.6	17.4#

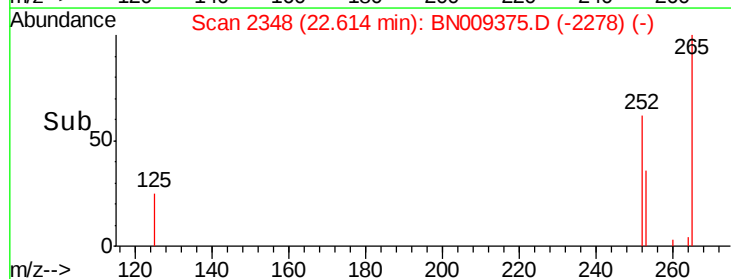
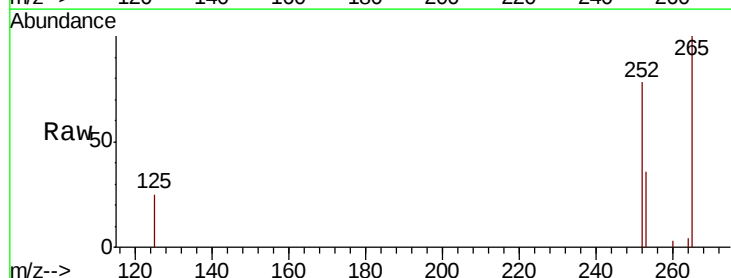
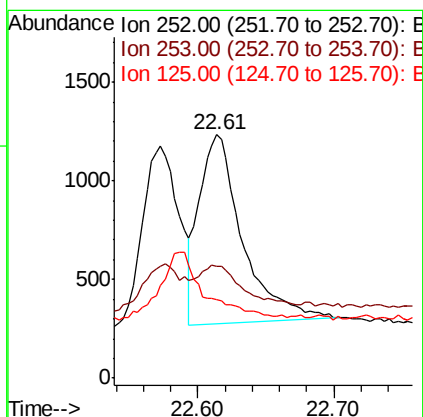
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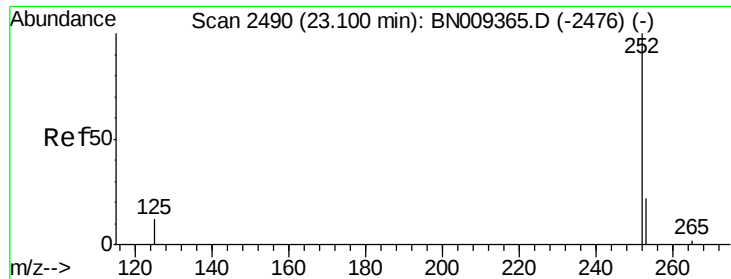
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#36
Benzo(k)fluoranthene
Concen: 0.087 ng
RT: 22.61 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.7	21.9	32.9#
125	32.0	12.0	18.0#





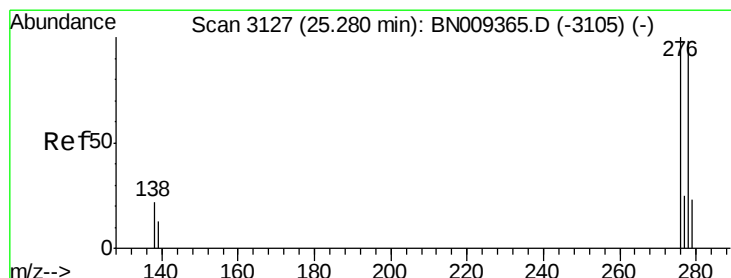
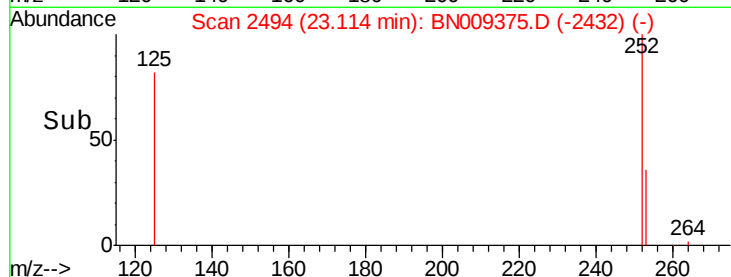
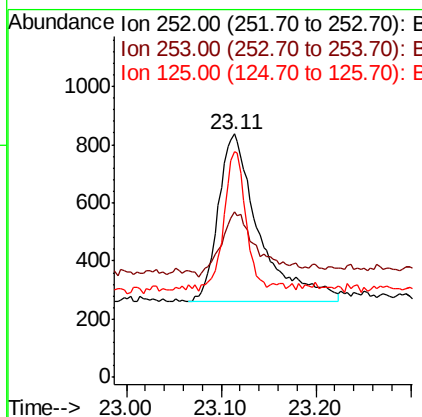
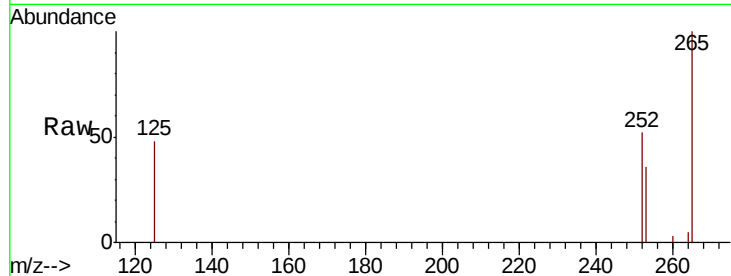
#37
Benzo(a)pyrene
Concen: 0.090 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	67.9	25.4	38.0#
125	92.5	16.2	24.2#

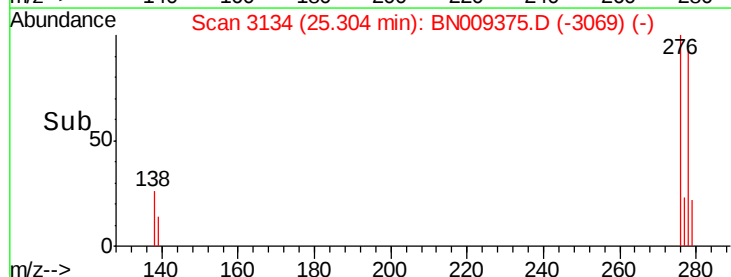
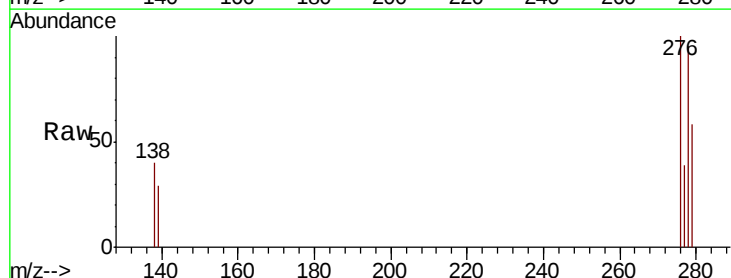
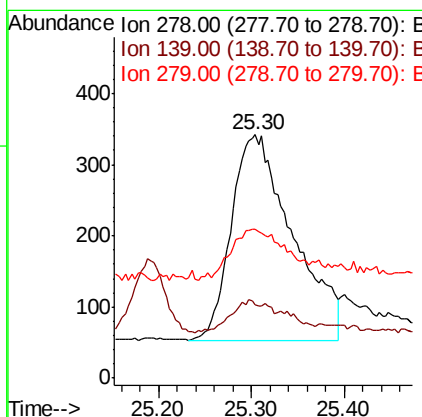
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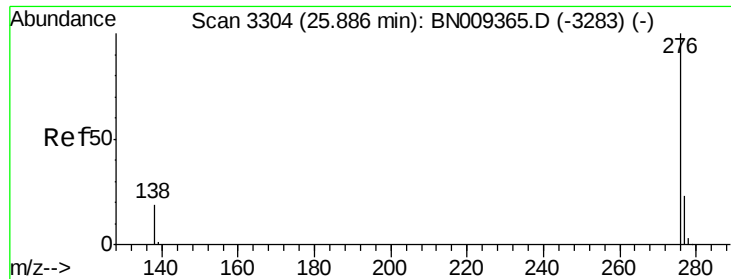
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#38
Dibenzo(a,h)anthracene
Concen: 0.068 ng
RT: 25.30 min Scan# 3134
Delta R.T. 0.02 min
Lab File: BN009375.D
Acq: 15 Jan 2020 12:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.5	21.7#
279	61.4	24.2	36.4#





#39

Benzo(a,h,i)perylene

Concen: 0.086 ng

RT: 25.91 min Scan# 3310

Delta R.T. 0.02 min

Lab File: BN009375.D

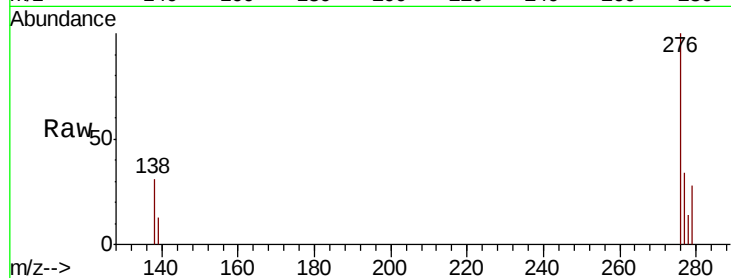
Acq: 15 Jan 2020 12:23

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2019



Tot Ion	Ratio	Lower	Upper
276	100		
277	33.6	20.6	30.8#
138	30.9	17.1	25.7#

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