

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
 Data File : BN011152.D
 Acq On : 13 Jul 2020 13:59
 Operator : CG/JU
 Sample : L3216-02
 Misc : L00-SOIL-0.1PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Manual Integrations
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 7/14/2020 12:02:07 PM

Quant Time: Jul 13 14:34:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 13:53:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1553	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	4833	0.40	ng	0.01
13) Acenaphthene-d10	14.13	164	2526	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	6158	0.40	ng	0.01
29) Chrysene-d12	21.11	240	4365	0.40	ng	0.01
36) Perylene-d12	23.25	264	4471	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	1425	0.37	ng	0.00
5) Phenol-d6	6.71	99	1451	0.34	ng	0.00
8) Nitrobenzene-d5	8.66	82	1329	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	3118	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	360	0.32	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	3568	0.30	ng	0.01
27) Fluoranthene-d10	18.94	212	5818	0.30	ng	0.01
31) Terphenyl-d14	19.55	244	4301	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	168	0.076	ng	Qvalue # 78
3) n-Nitrosodimethylamine	3.62	42	59m	0.053	ng	
6) bis(2-Chloroethyl)ether	6.96	93	320	0.081	ng	100
9) Naphthalene	10.30	128	1271	0.088	ng	# 82
10) Hexachlorobutadiene	10.60	225	338	0.095	ng	# 96
12) 2-Methylnaphthalene	11.94	142	871	0.096	ng	95
16) Acenaphthylene	13.85	152	1040	0.081	ng	97
17) Acenaphthene	14.20	154	721	0.084	ng	97
18) Fluorene	15.21	166	856	0.078	ng	98
20) 4,6-Dinitro-2-methylphenol	15.36	198	41m	0.051	ng	
21) 4-Bromophenyl-phenylether	16.11	248	296	0.071	ng	# 85
22) Hexachlorobenzene	16.20	284	412	0.085	ng	96
23) Atrazine	16.40	200	267	0.091	ng	# 75
24) Pentachlorophenol	16.57	266	204m	0.141	ng	
25) Phenanthrene	16.93	178	1572	0.079	ng	99
26) Anthracene	17.04	178	1206	0.073	ng	# 94
28) Fluoranthene	18.97	202	1673	0.071	ng	98
30) Pyrene	19.33	202	1578	0.095	ng	99
32) Benzo(a)anthracene	21.10	228	1233m	0.087	ng	
33) Chrysene	21.15	228	1662	0.096	ng	94
34) Bis(2-ethylhexyl)phthalate	21.05	149	863	0.148	ng	95
35) Indeno(1,2,3-cd)pyrene	25.36	276	1580	0.087	ng	# 90
37) Benzo(b)fluoranthene	22.62	252	1428	0.080	ng	# 59
38) Benzo(k)fluoranthene	22.67	252	1719	0.085	ng	# 55
39) Benzo(a)pyrene	23.16	252	1219	0.075	ng	# 39
40) Dibenzo(a,h)anthracene	25.39	278	1147	0.067	ng	# 41
41) Benzo(g,h,i)perylene	25.99	276	1527	0.081	ng	# 80

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

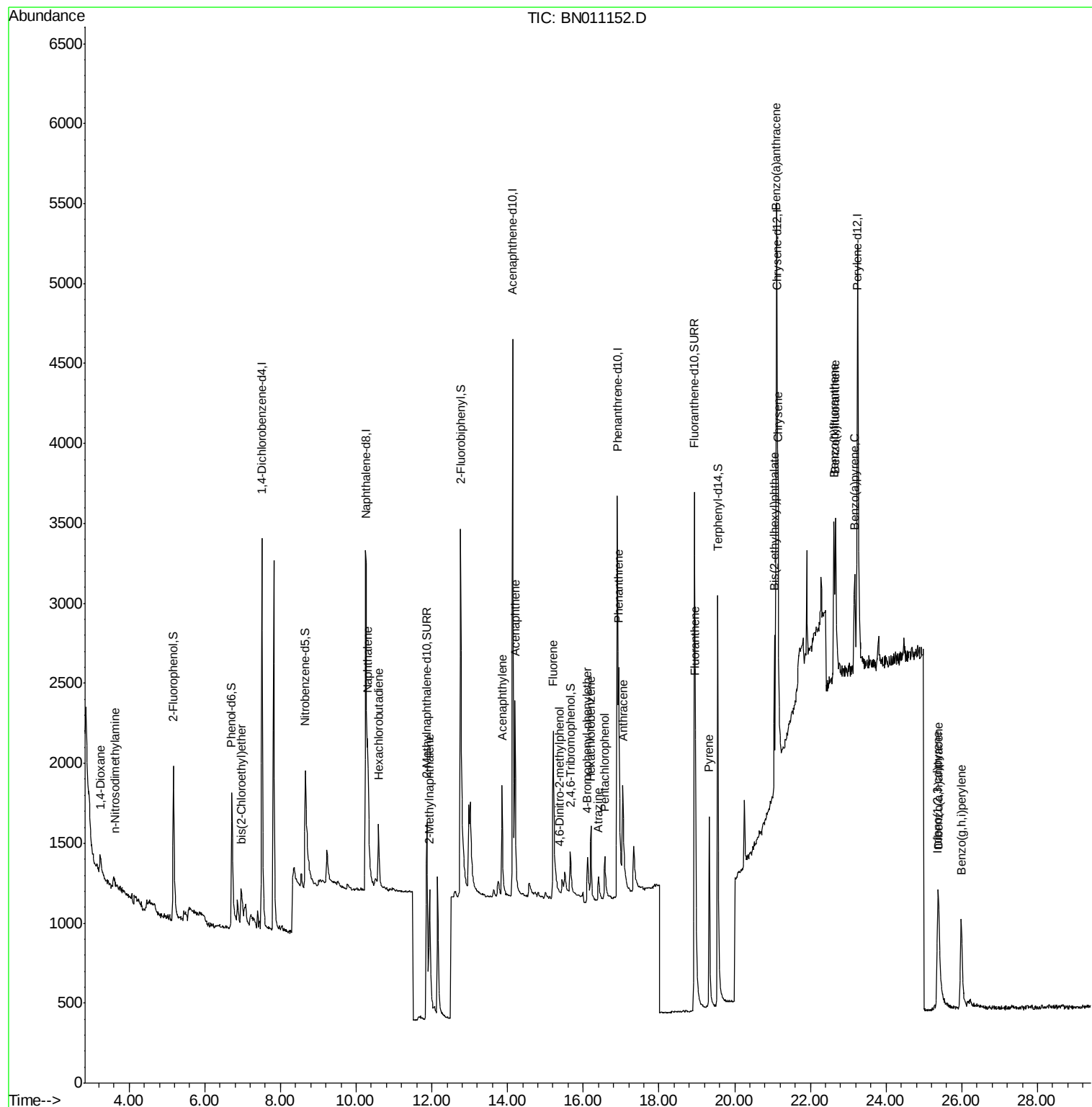
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
Data File : BN011152.D
Acq On : 13 Jul 2020 13:59
Operator : CG/JU
Sample : L3216-02
Misc : L00-SOIL-0.1PPM
ALS Vial : 6 Sample Multiplier: 1

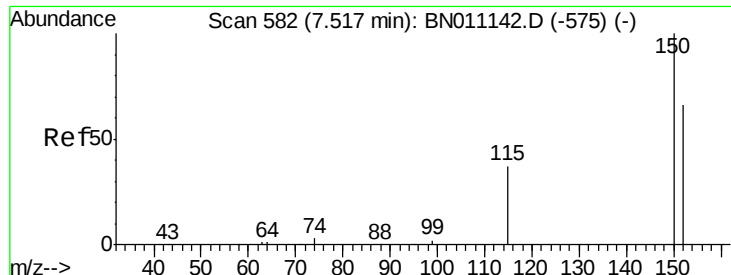
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations
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Quant Time: Jul 13 14:34:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration





#1

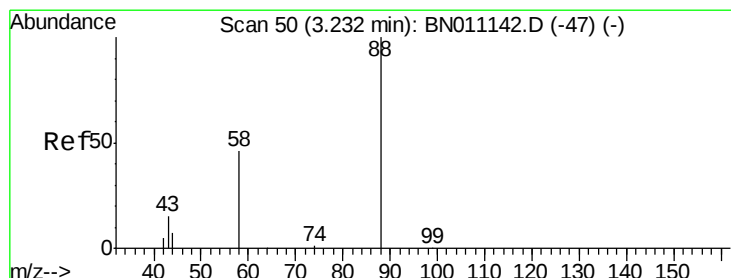
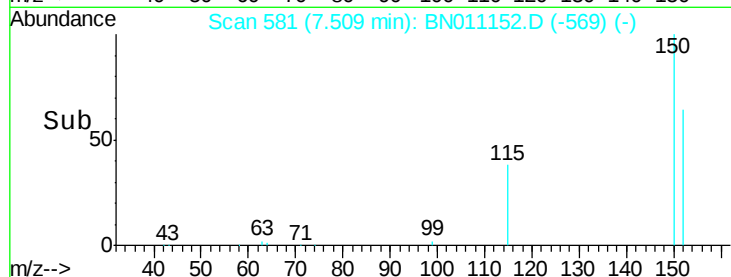
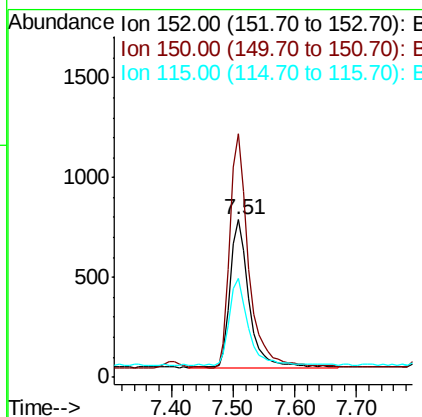
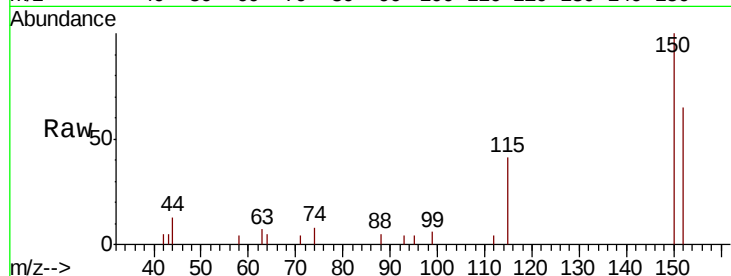
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. 0.00 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.4	179.0
115	62.8	48.3	72.5

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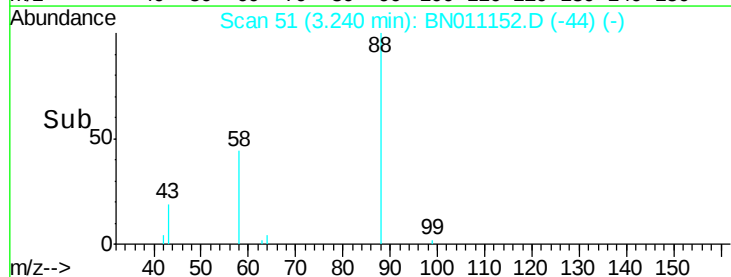
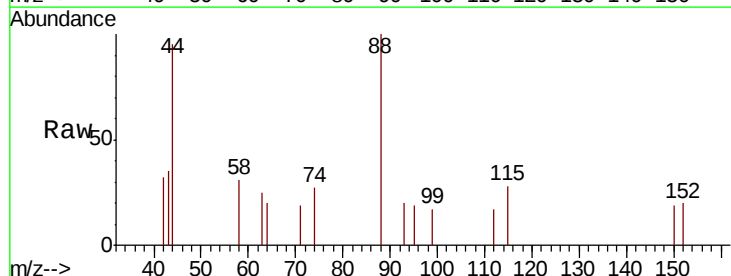
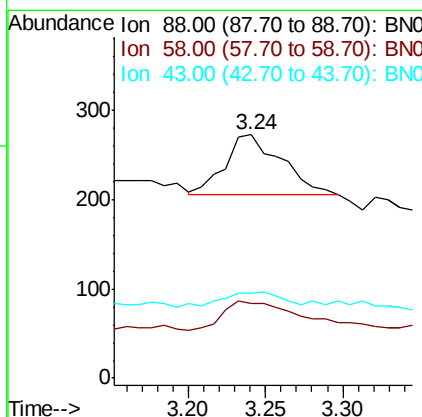
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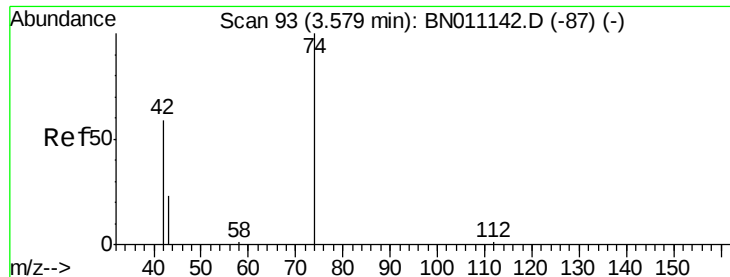


#2

1,4-Dioxane
Concen: 0.076 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	36.5	54.7#
43	22.0	14.3	21.5#





#3

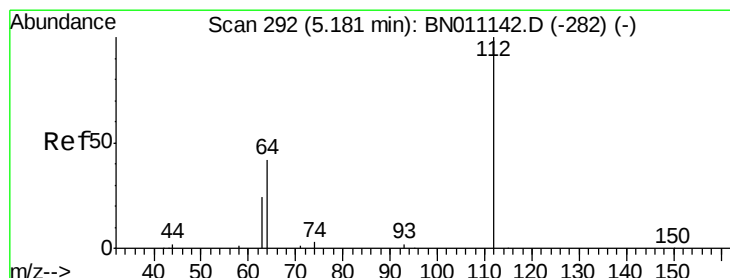
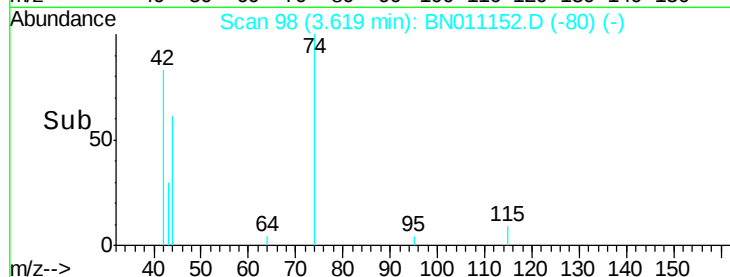
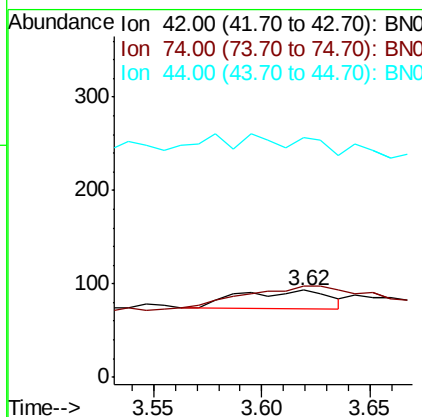
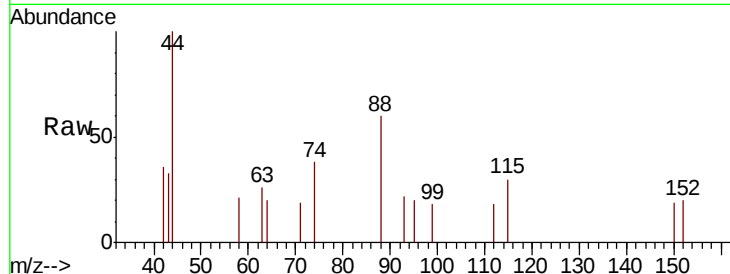
n-Nitrosodimethylamine
 Concen: 0.053 ng/ml
 RT: 3.62 min Scan# 98
 Delta R.T. 0.05 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	140.9	211.3#
44	25.4	7.6	11.4#

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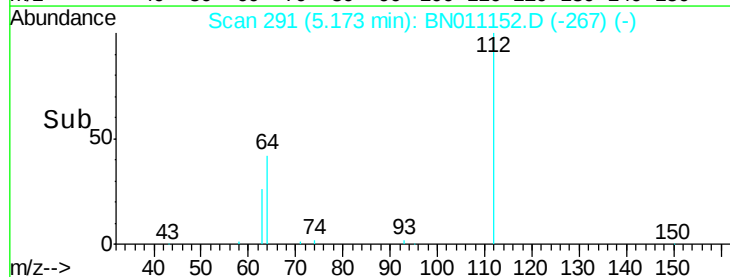
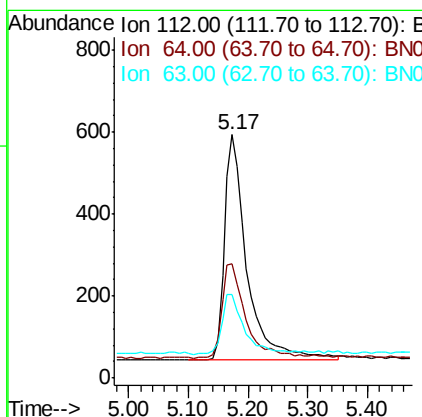
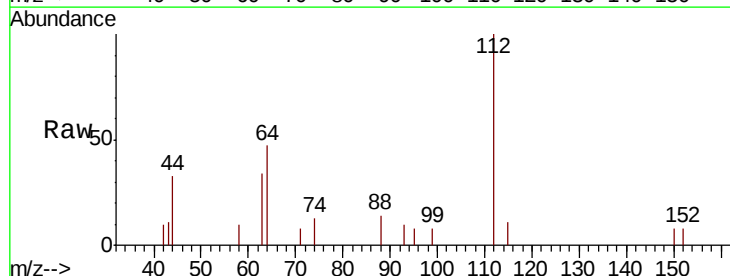
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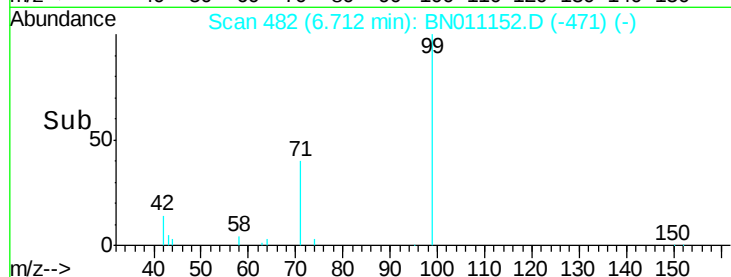
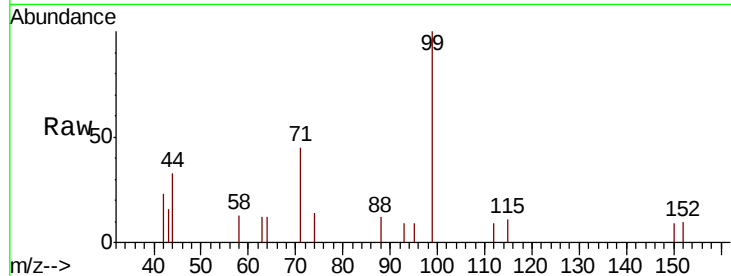
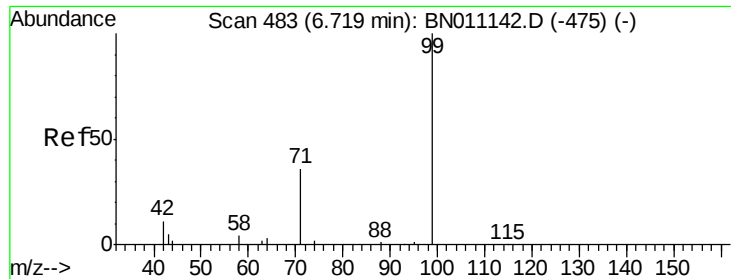


#4

2-Fluorophenol
 Concen: 0.372 ng/ml
 RT: 5.17 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.1	36.7	55.1
63	27.0	20.4	30.6





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tot Ion:	99	Resp:	1451
Ion	Ratio	Lower	Upper
99	100		
42	14.6	10.8	16.2
71	40.3	31.3	46.9

Instrument :

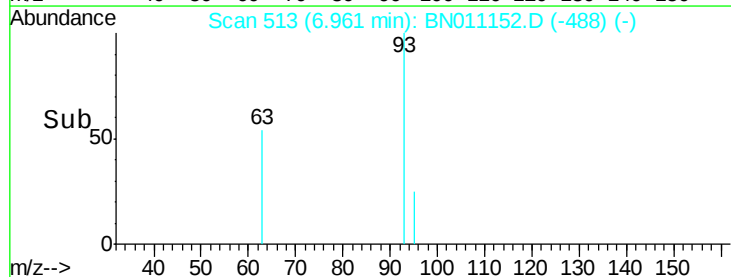
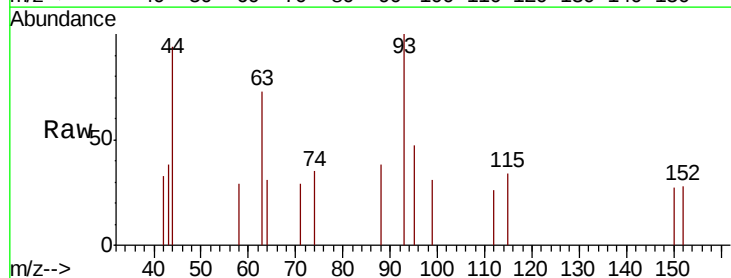
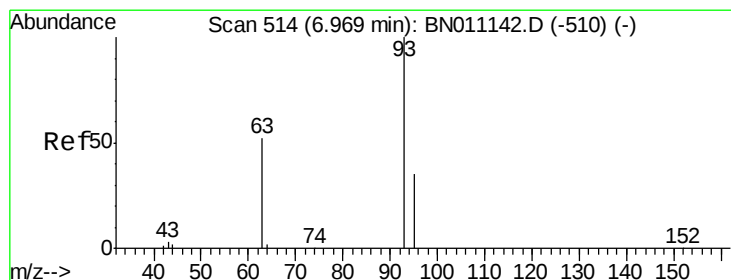
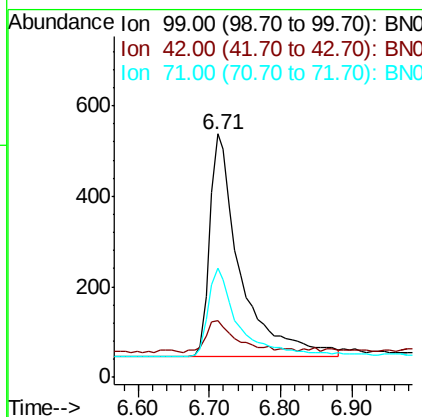
BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2020

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#6

bis(2-Chloroethyl)ether

Concen: 0.081 ng

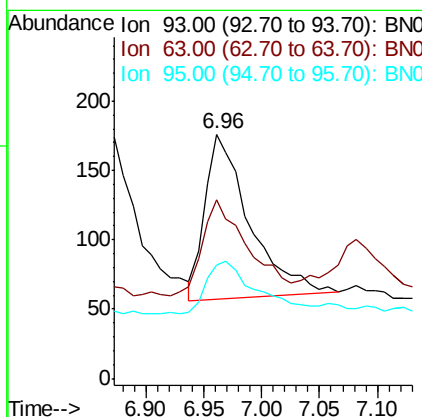
RT: 6.96 min Scan# 513

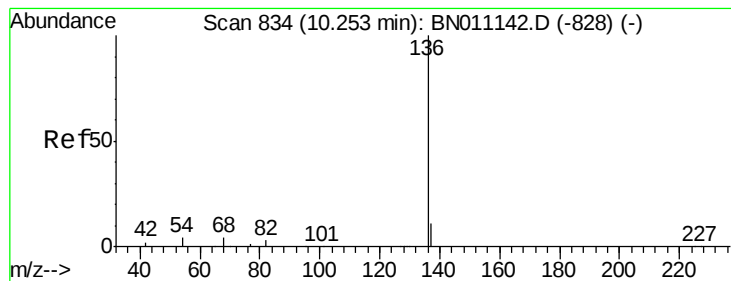
Delta R.T. 0.00 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tgt Ion:	93	Resp:	320
Ion	Ratio	Lower	Upper
93	100		
63	59.1	47.4	71.0
95	35.3	28.1	42.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.01 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

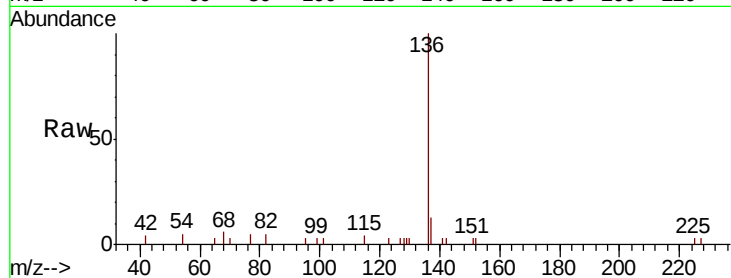
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	136	Resp:	4833
Ion Ratio	Lower	Upper	
136	100		
137	12.9	10.3	15.5
54	5.4	4.9	7.3
68	5.8	4.9	7.3

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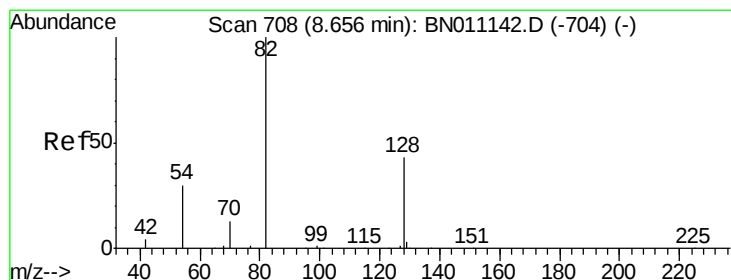
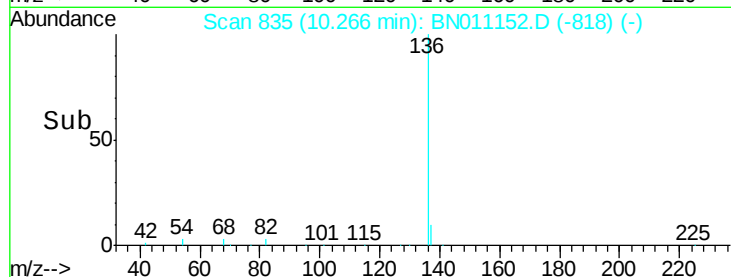
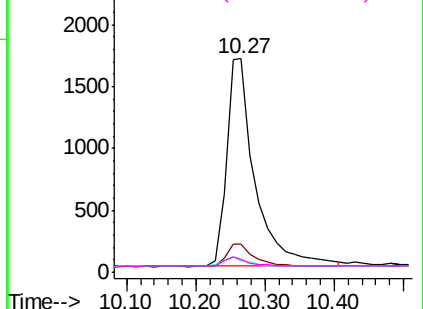


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.310 ng

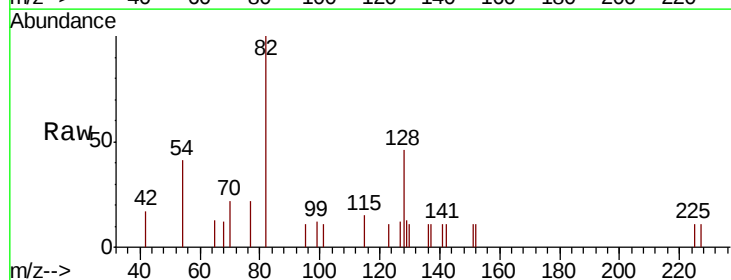
RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

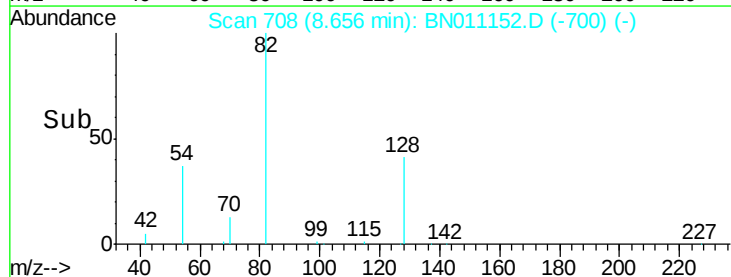
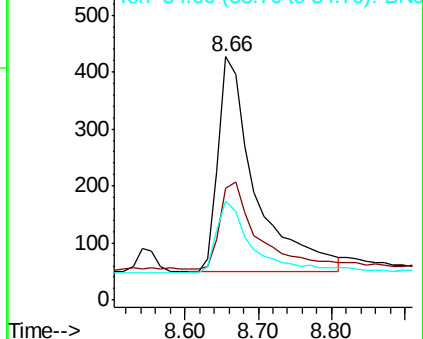
Tgt Ion:	82	Resp:	1329
Ion Ratio	Lower	Upper	
82	100		
128	45.7	38.1	57.1
54	40.7	27.1	40.7#

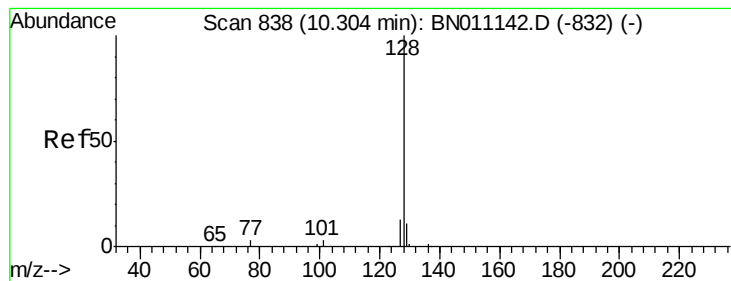


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.088 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

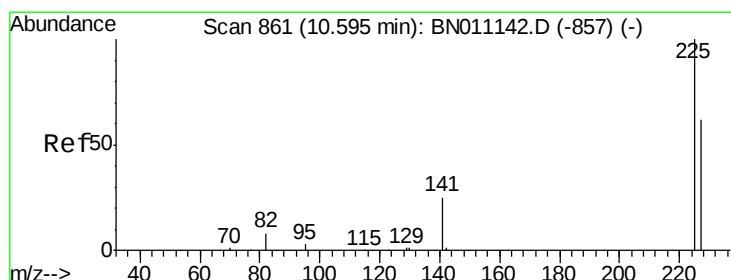
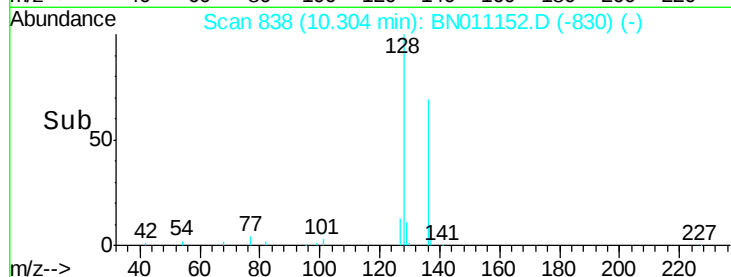
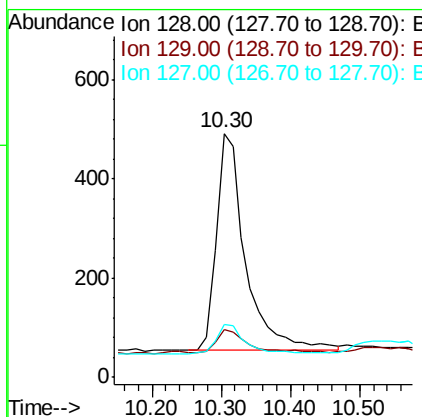
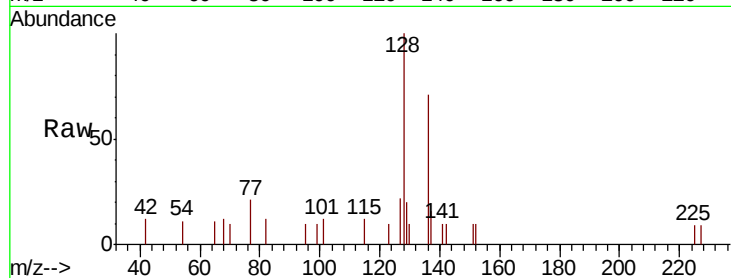
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	128	Resp:	1271
Ion Ratio	Lower	Upper	
128	100		
129	19.6	9.8	14.6#
127	21.6	11.8	17.6#

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#10

Hexachlorobutadiene

Concen: 0.095 ng

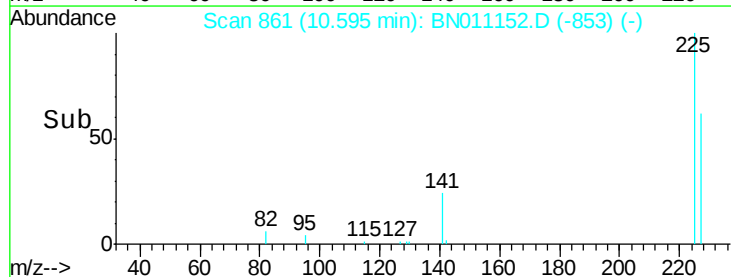
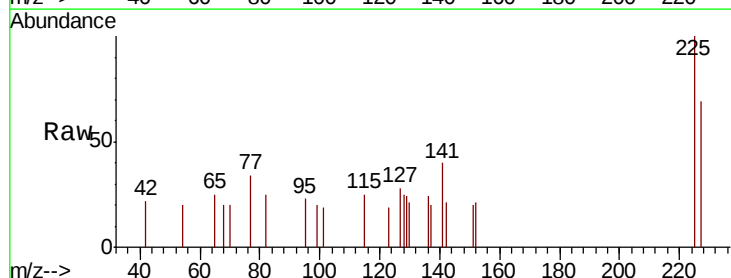
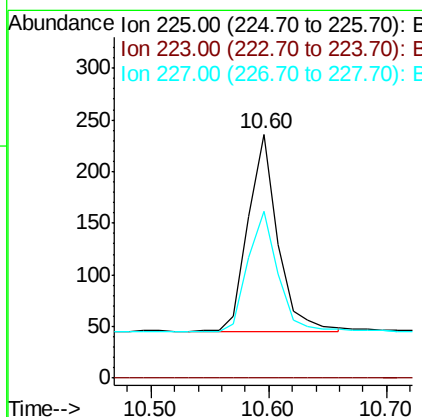
RT: 10.60 min Scan# 861

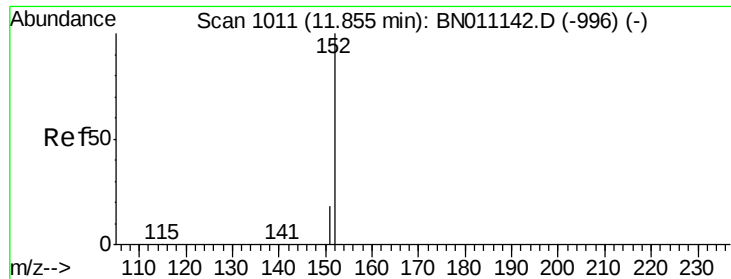
Delta R.T. 0.00 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tgt Ion:	225	Resp:	338
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	60.7	51.2	76.8





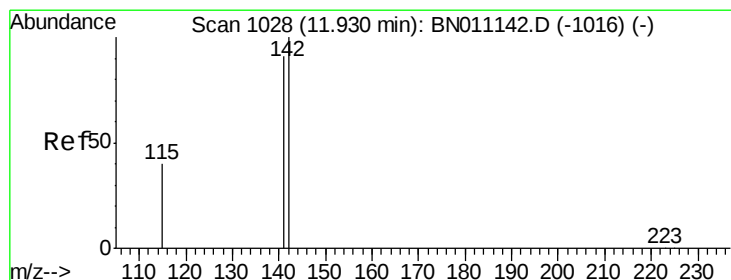
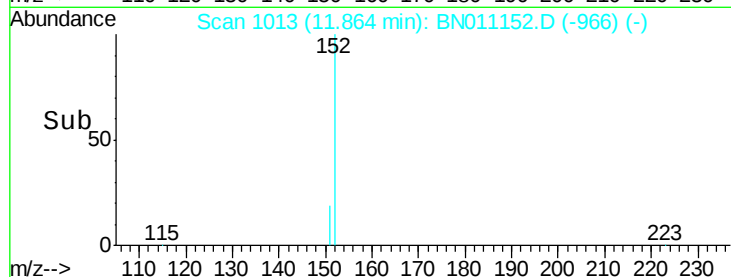
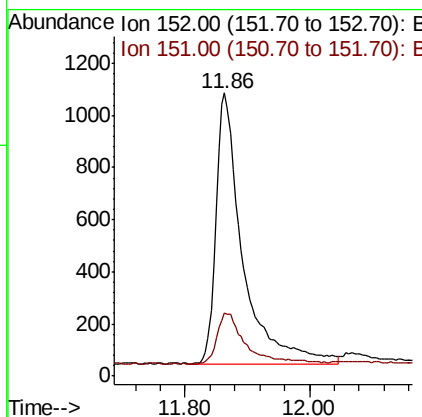
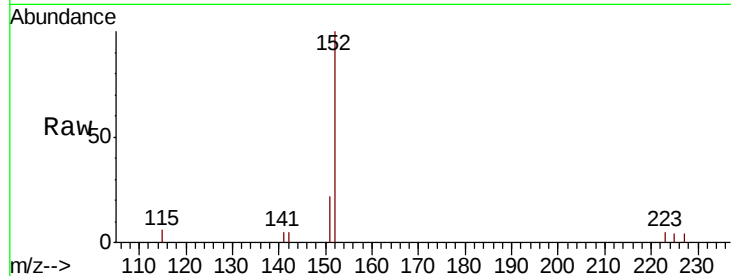
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.5	24.7

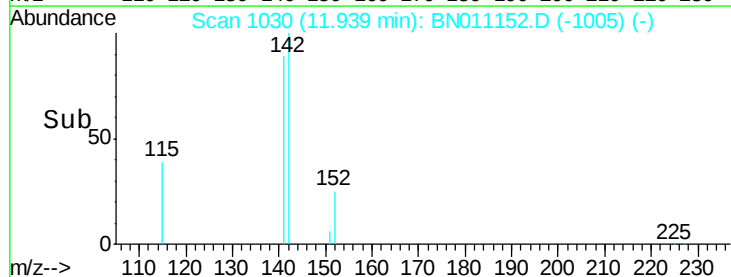
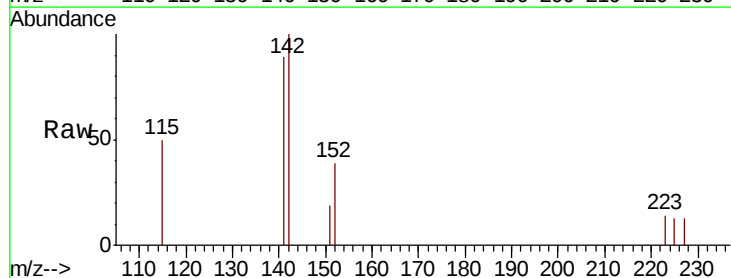
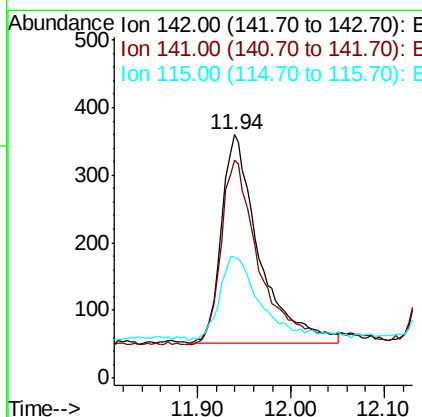
Manual Integrations
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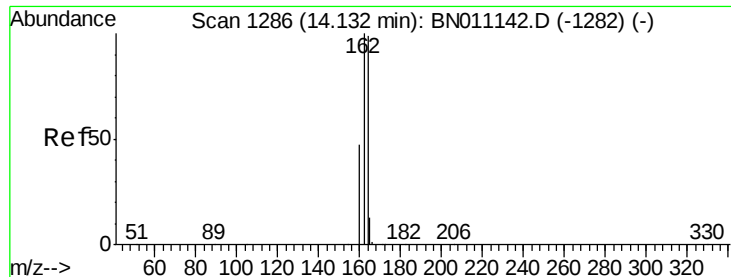
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#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1
115	49.7	33.8	50.6





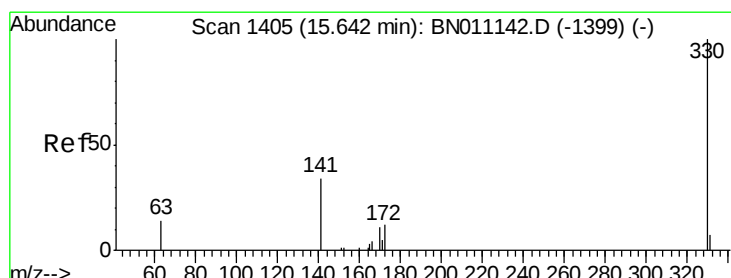
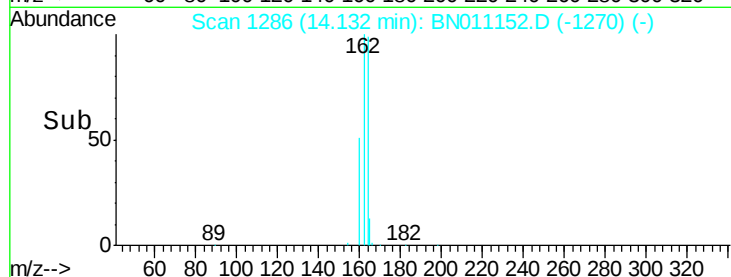
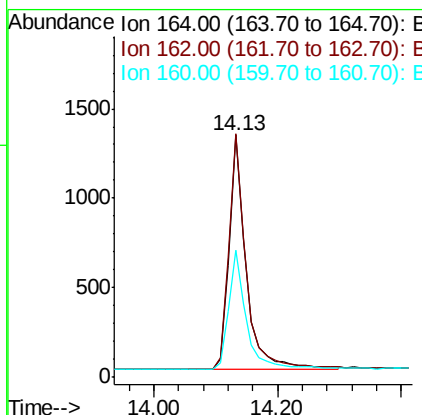
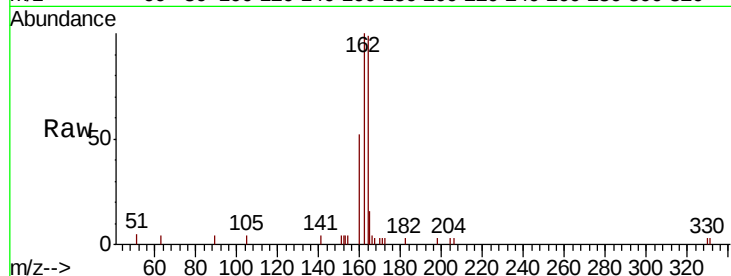
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.4
160	52.5	39.0	58.6

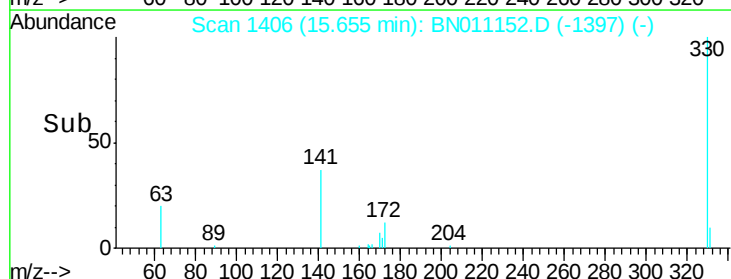
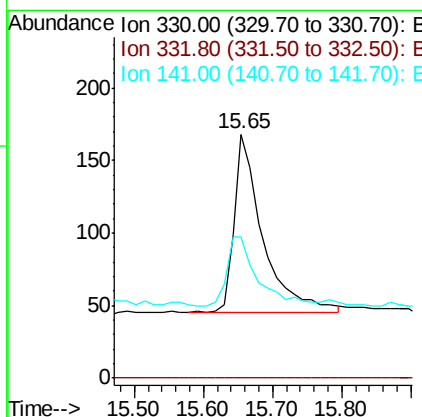
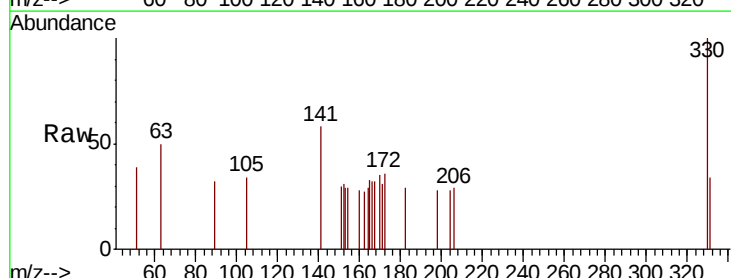
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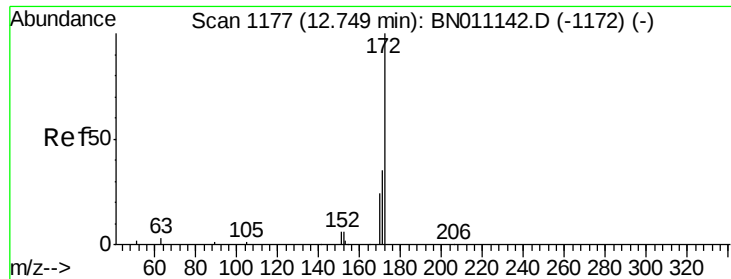
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.3	31.5	47.3





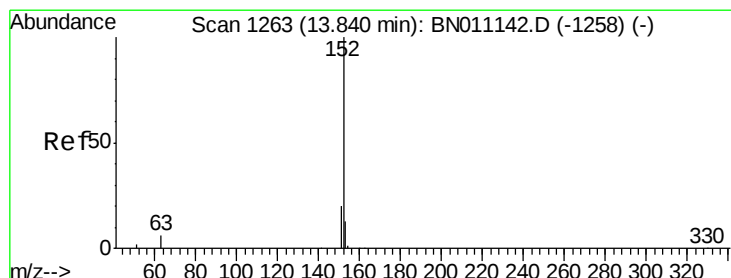
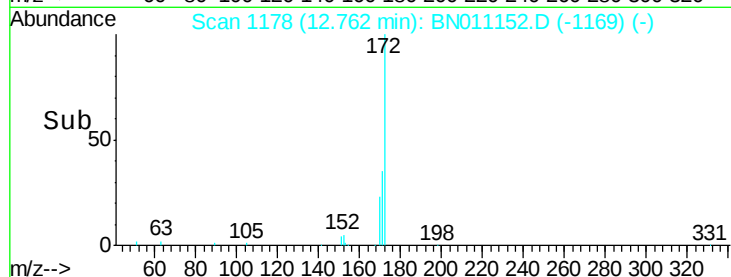
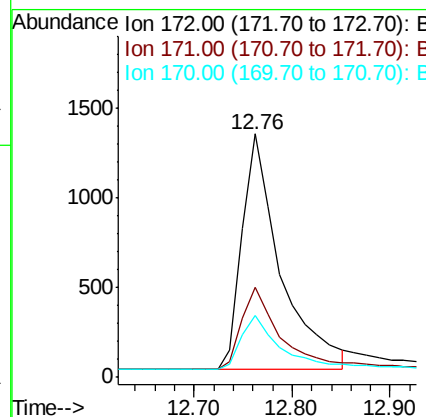
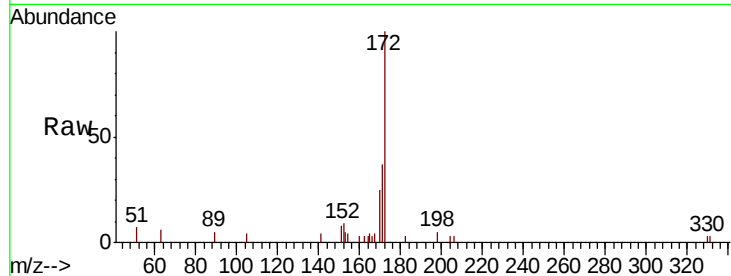
#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.3	20.3	30.5

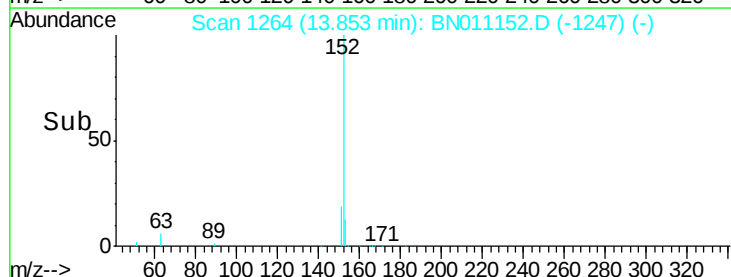
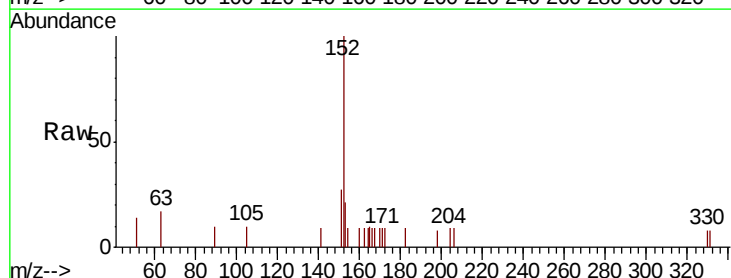
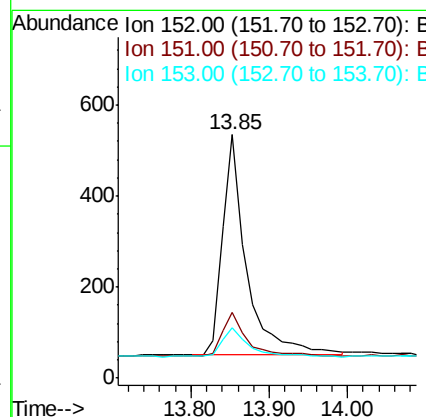
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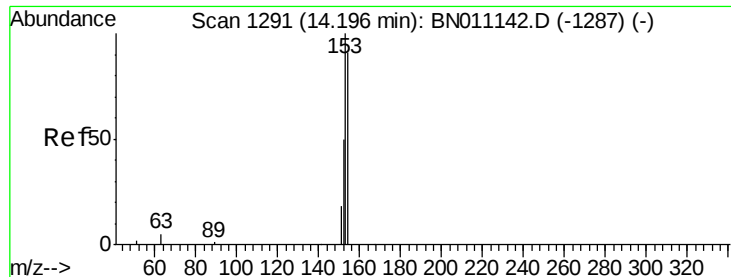
mohammad
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#16
Acenaphthylene
Concen: 0.081 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	15.2	10.6	15.8





#17

Acenaphthene

Concen: 0.084 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

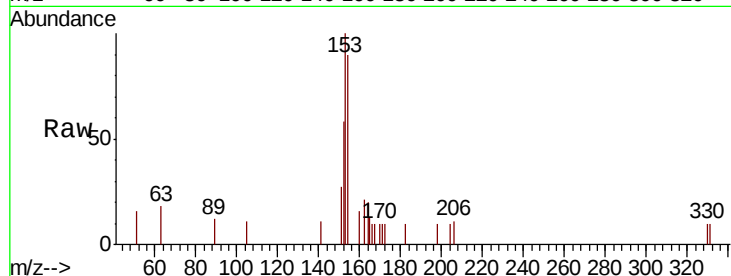
ClientSampleId :

LOQ-SOIL-02-QT3-2020

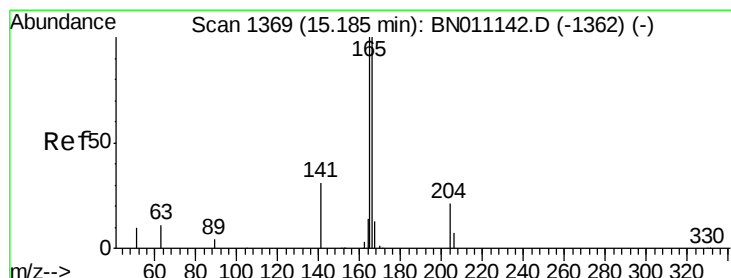
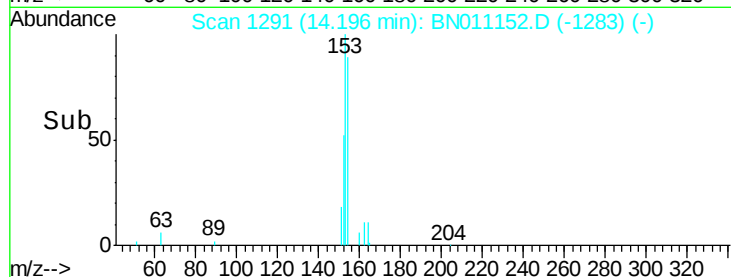
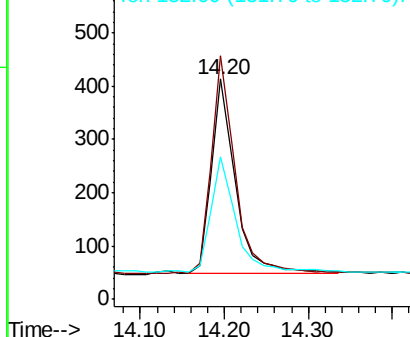
Tot Ion:	154	Resp:	721
Ion Ratio	Lower	Upper	
154	100		
153	110.8	91.3	136.9
152	59.9	46.6	69.8

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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: 0.078 ng

RT: 15.21 min Scan# 1371

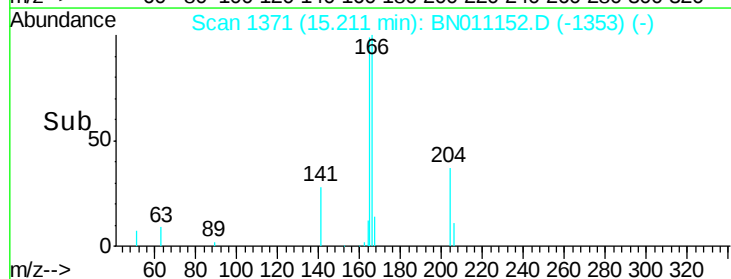
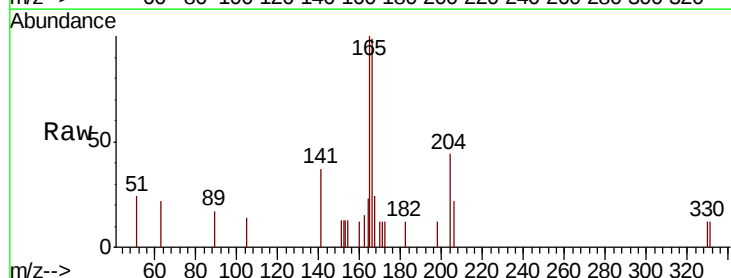
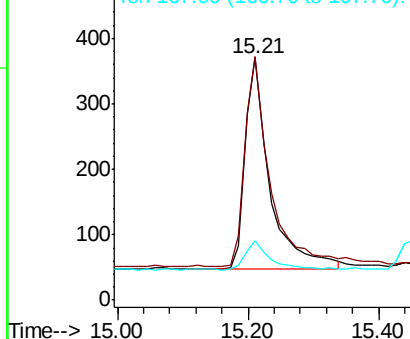
Delta R.T. 0.03 min

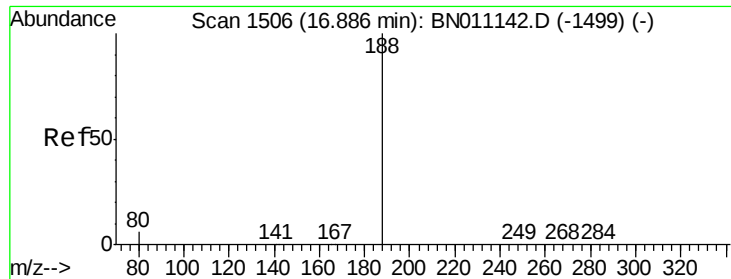
Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tgt Ion:	166	Resp:	856
Ion Ratio	Lower	Upper	
166	100		
165	101.1	79.1	118.7
167	14.0	10.5	15.7

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





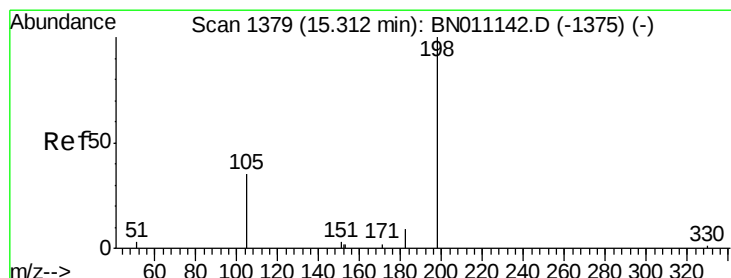
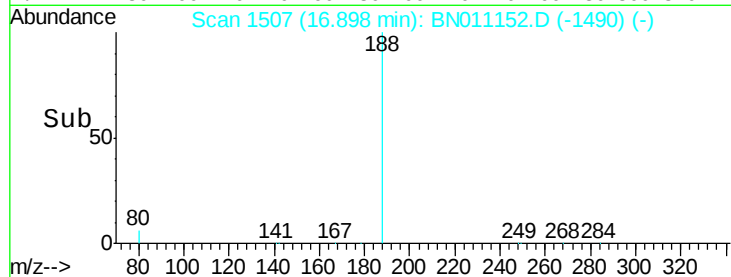
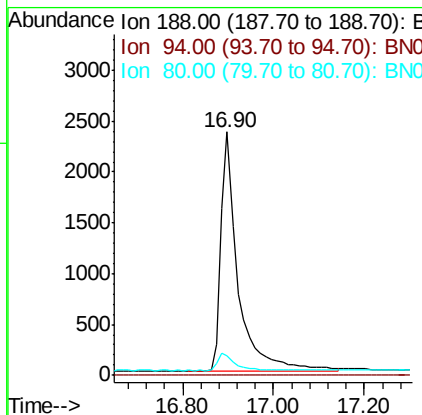
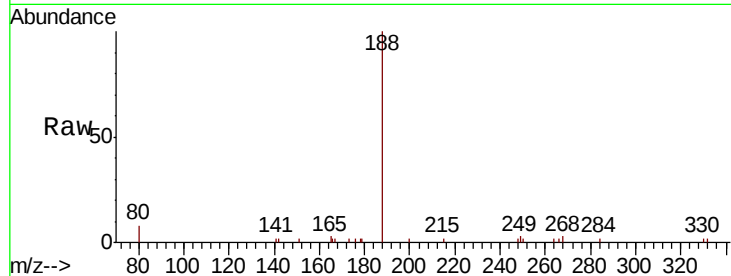
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:	188	Resp:	6158
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5

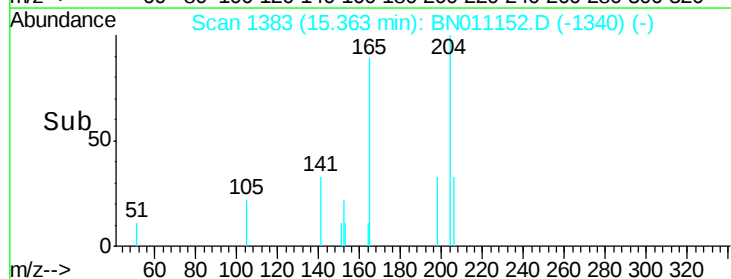
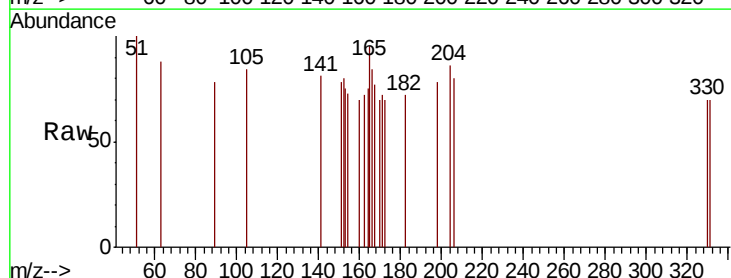
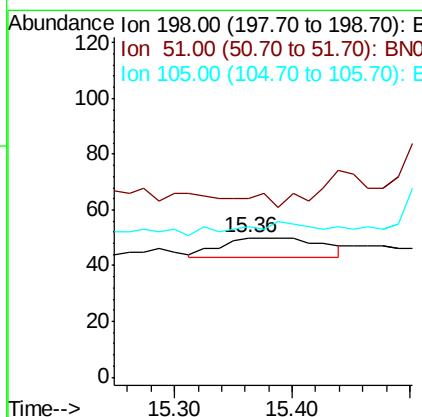
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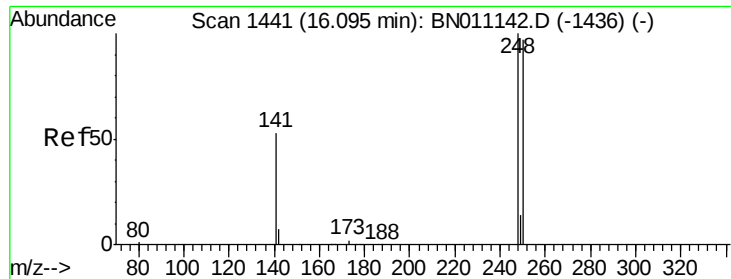
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#20
4,6-Dinitro-2-methylphenol
Concen: 0.051 ng m
RT: 15.36 min Scan# 1383
Delta R.T. 0.05 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion:	198	Resp:	41
Ion Ratio	Lower	Upper	
198	100		
51	128.0	53.1	79.7#
105	108.0	51.9	77.9#





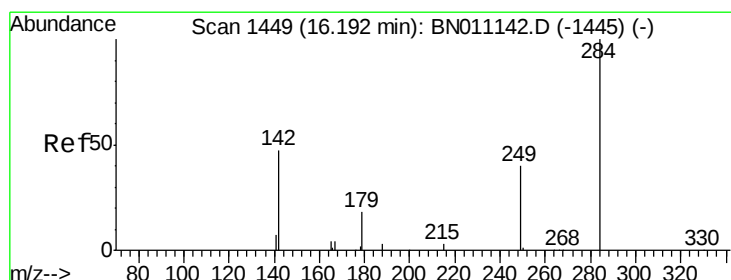
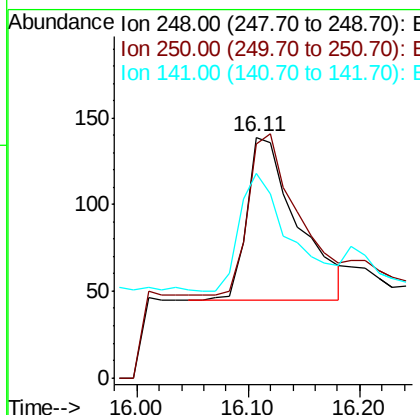
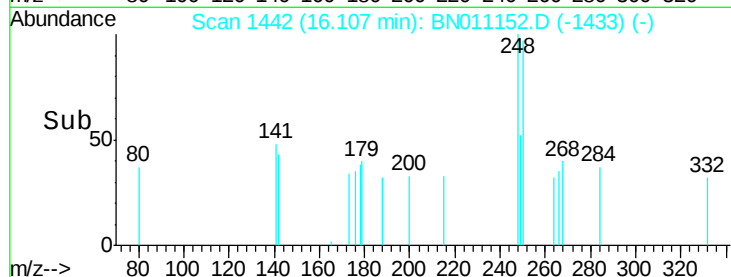
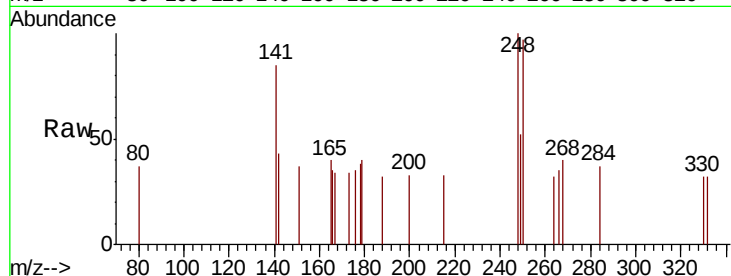
#21
4-Bromophenyl-phenylether
Concen: 0.071 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.4	117.6
141	84.9	45.1	67.7

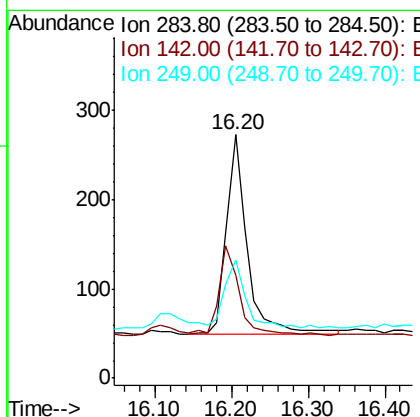
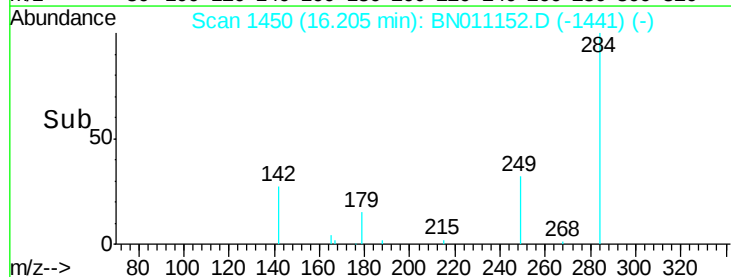
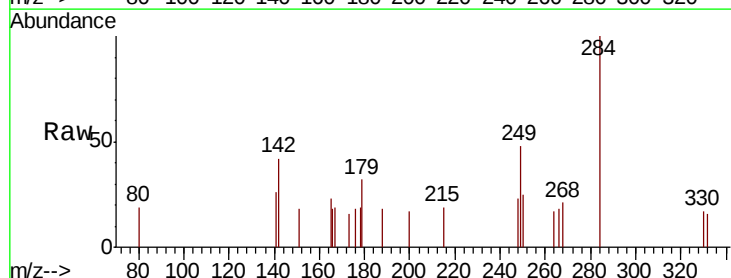
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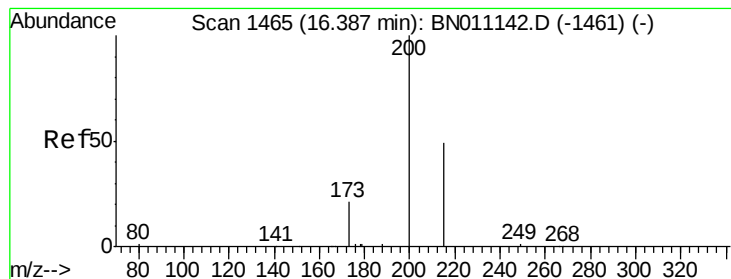
mohammad
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#22
Hexachlorobenzene
Concen: 0.085 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.6	32.6	48.8
249	35.2	28.4	42.6





#23

Atrazine

Concen: 0.091 ng

RT: 16.40 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

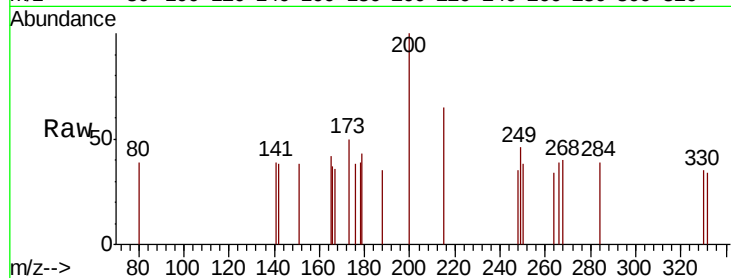
ClientSampleId :

LOQ-SOIL-02-QT3-2020

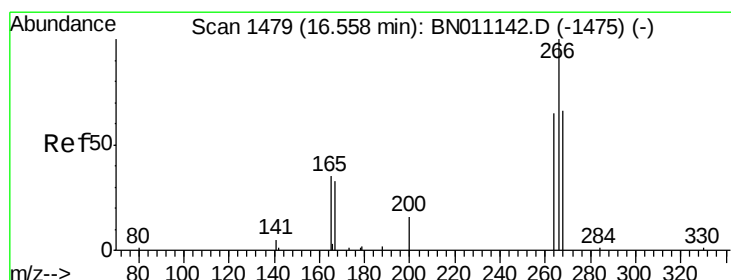
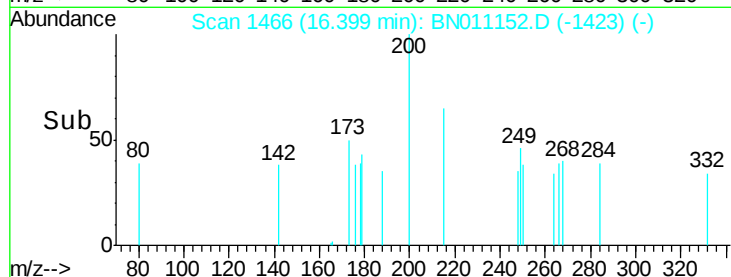
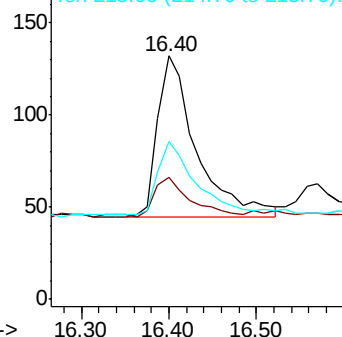
Tot Ion:	200	Resp:	267
Ion Ratio	Lower	Upper	
200	100		
173	50.0	23.0	34.4#
215	65.2	42.6	63.8#

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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



#24

Pentachlorophenol

Concen: 0.141 ng m

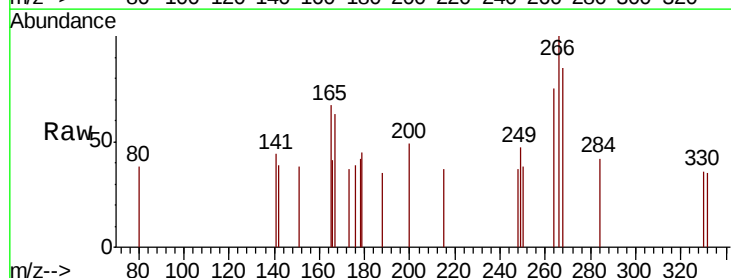
RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

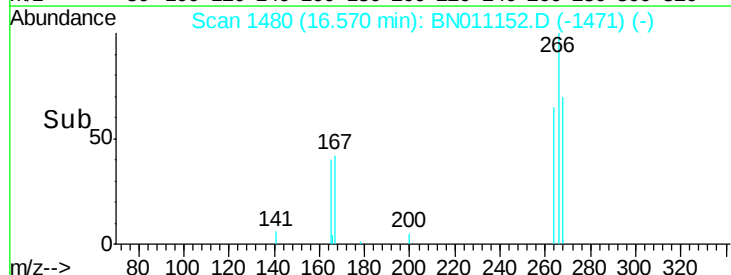
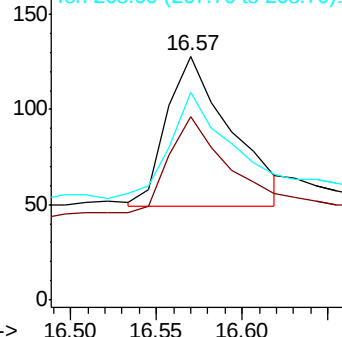
Lab File: BN011152.D

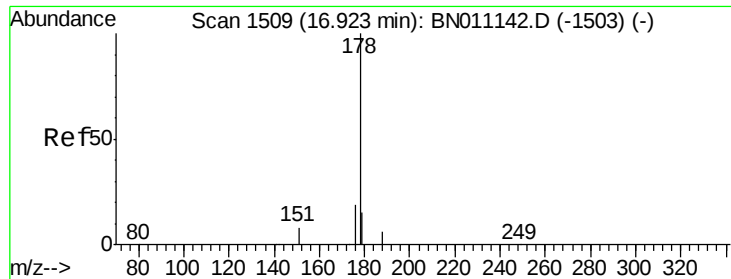
Acq: 13 Jul 2020 13:59

Tgt Ion:	266	Resp:	204
Ion Ratio	Lower	Upper	
266	100		
264	78.9	52.5	78.7#
268	89.7	48.9	73.3#



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





#25

Phenanthrene

Concen: 0.079 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

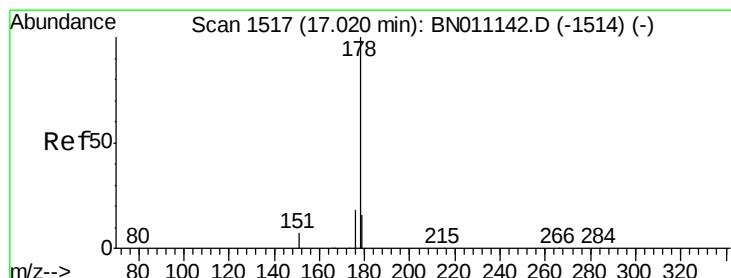
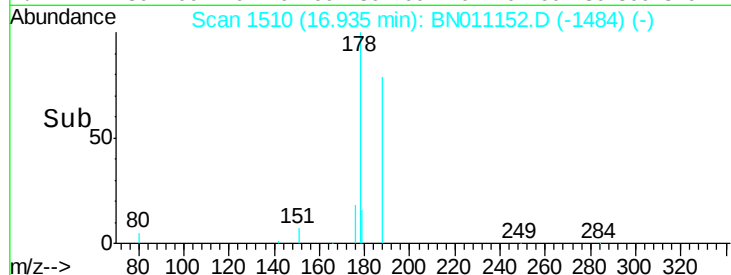
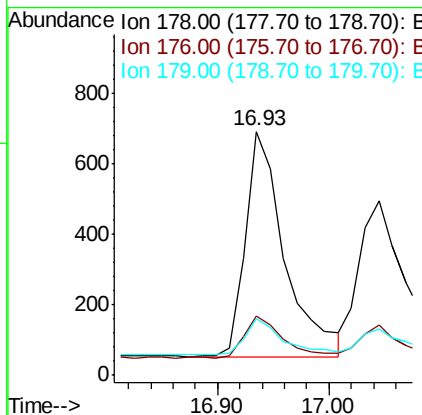
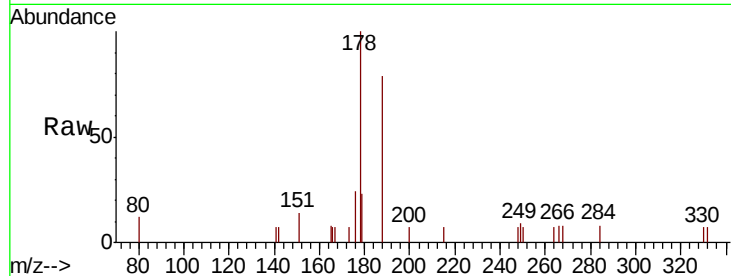
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:178	Resp:	1572
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.3 22.9
179	15.5	12.6 18.8

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#26

Anthracene

Concen: 0.073 ng

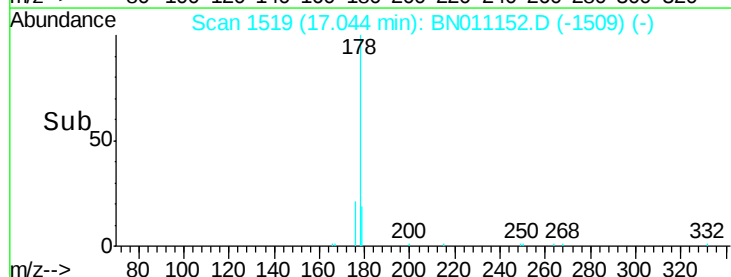
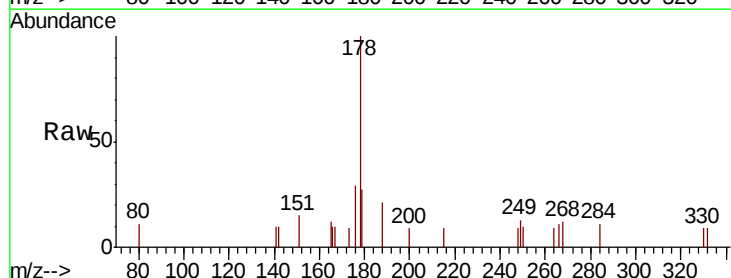
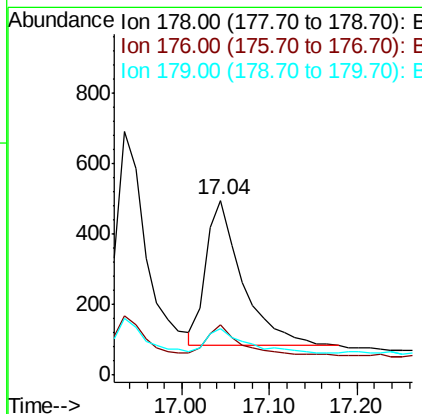
RT: 17.04 min Scan# 1519

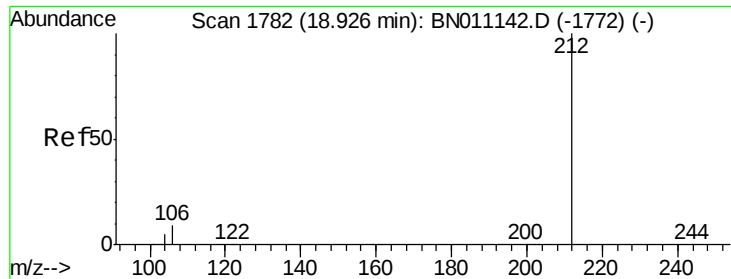
Delta R.T. 0.02 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tgt Ion:178	Resp:	1206
Ion Ratio	Lower	Upper
178	100	
176	19.4	14.5 21.7
179	18.7	12.0 18.0#





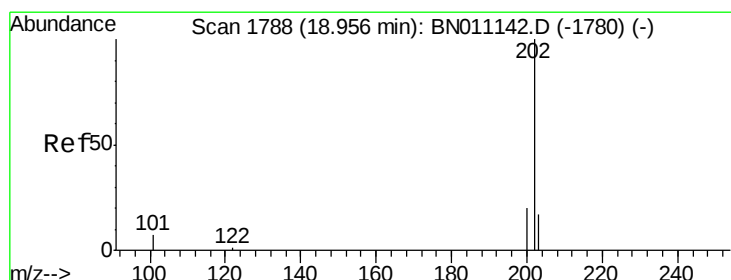
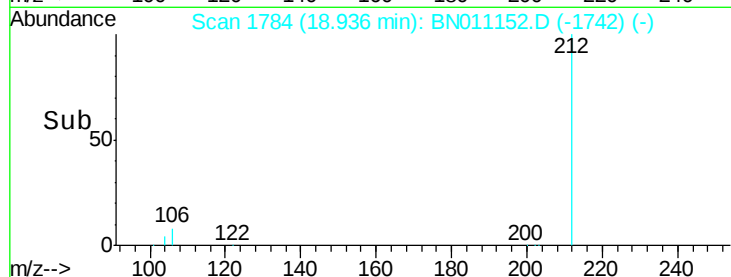
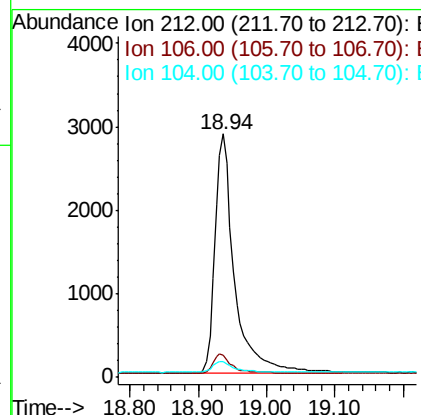
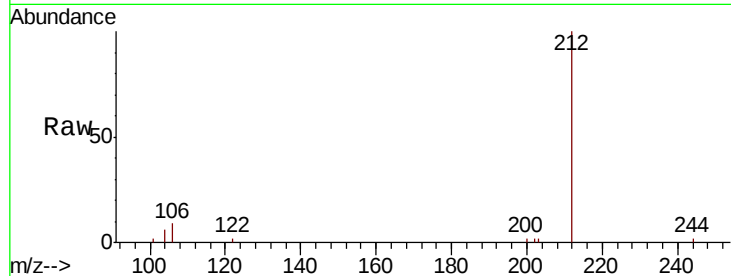
#27
 Fluoranthene-d10
 Concen: 0.300 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
212	100	5818		
106	8.1		7.0	10.6
104	4.8		4.2	6.4

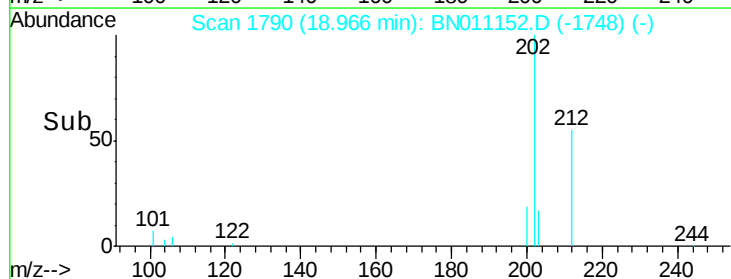
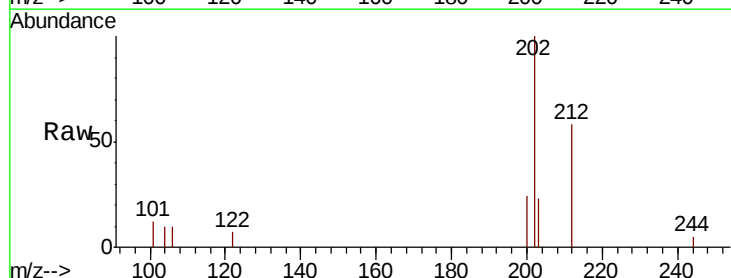
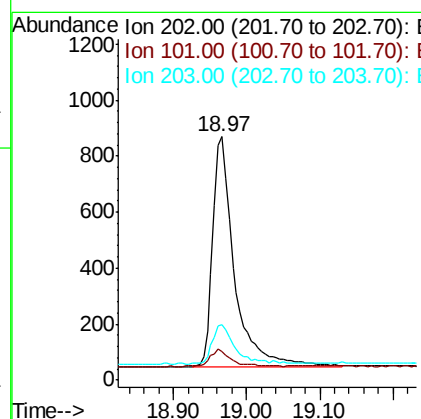
Manual Integrations
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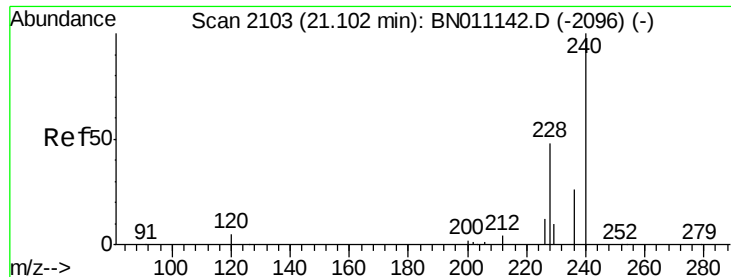
mohammad
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#28
 Fluoranthene
 Concen: 0.071 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1673		
101	7.4		5.9	8.9
203	18.2		13.6	20.4





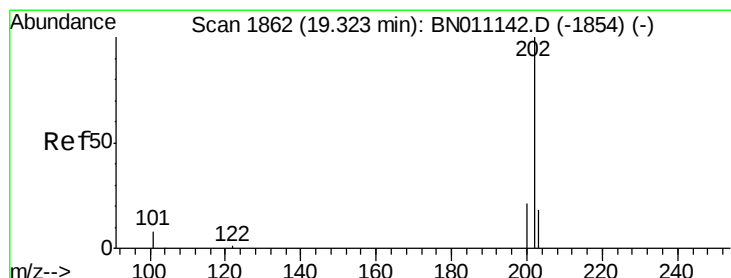
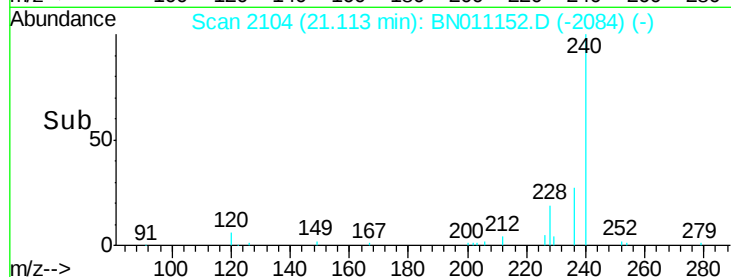
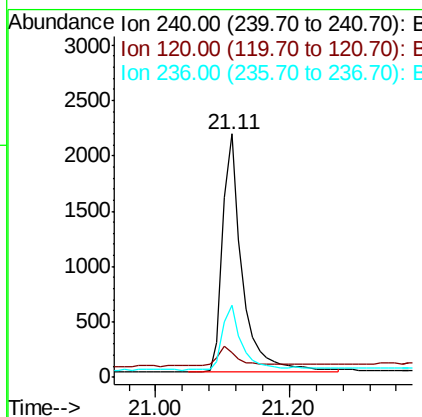
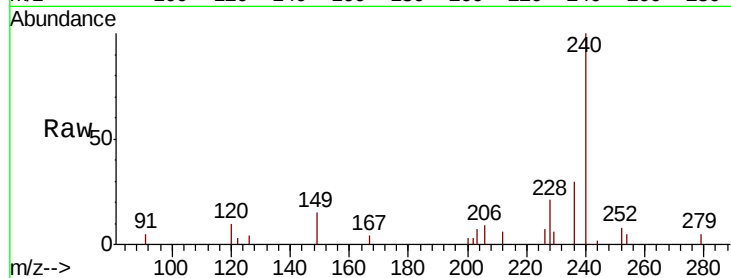
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.5	9.7#
236	29.7	21.9	32.9

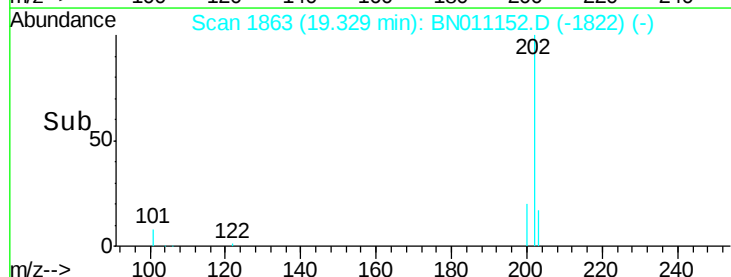
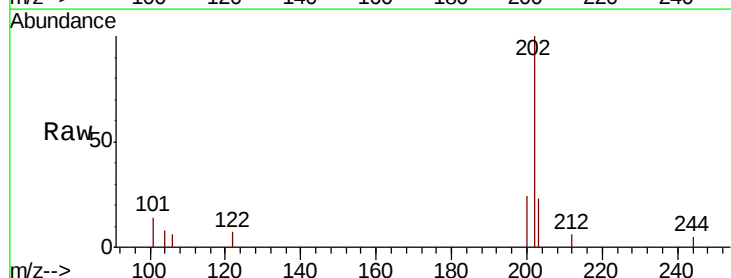
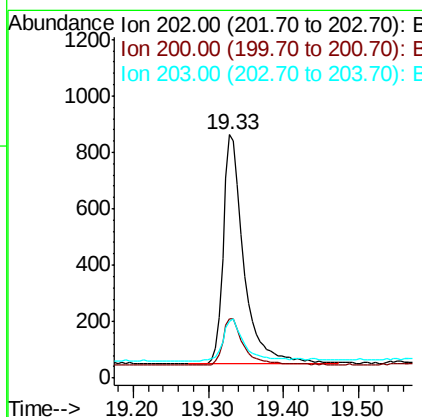
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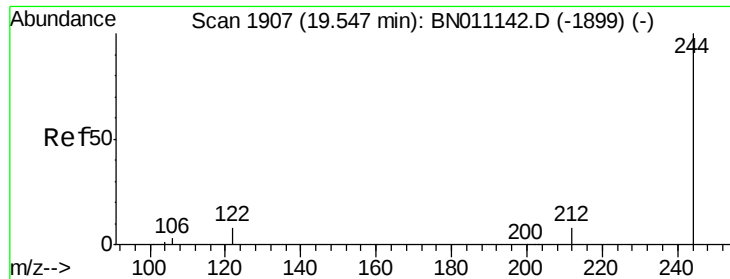
mohammad
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#30
Pyrene
Concen: 0.095 ng
RT: 19.33 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	18.3	14.2	21.4





#31

Terphenyl-d14

Concen: 0.379 ng

RT: 19.55 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

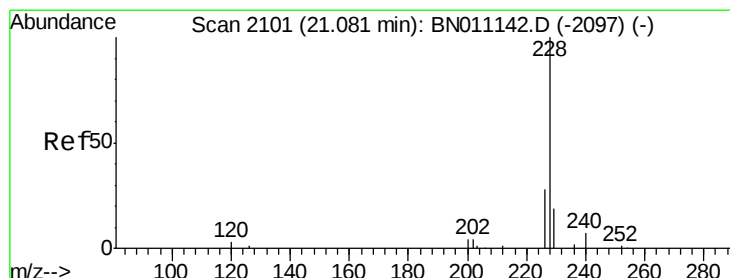
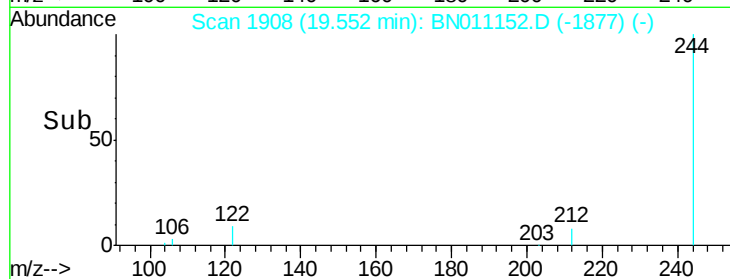
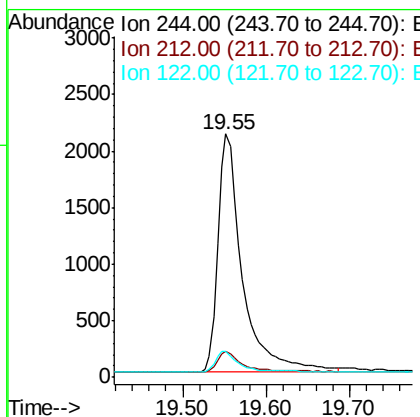
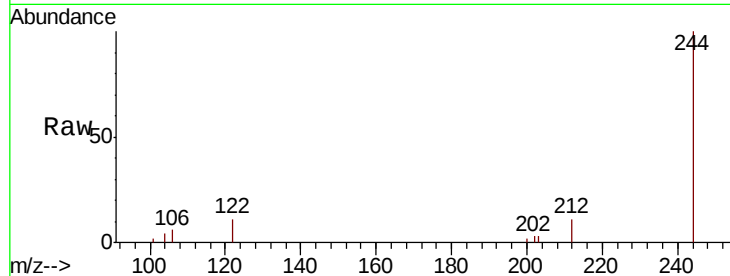
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	244	Resp:	4301
Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.8	11.6
122	10.5	7.4	11.0

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#32

Benzo(a)anthracene

Concen: 0.087 ng m

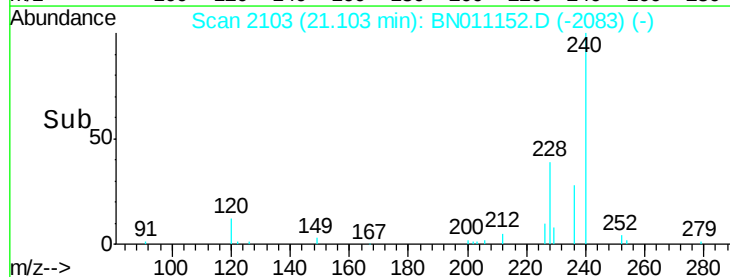
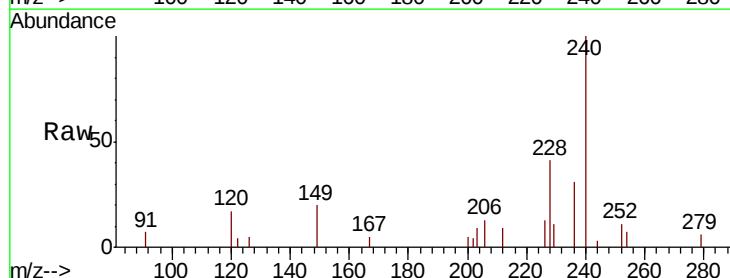
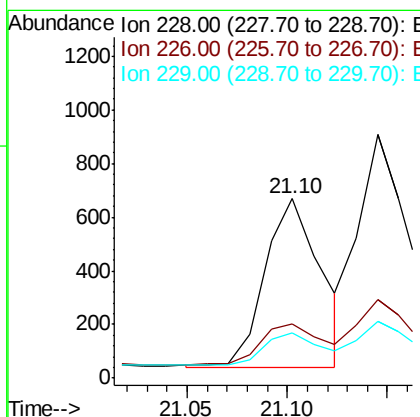
RT: 21.10 min Scan# 2103

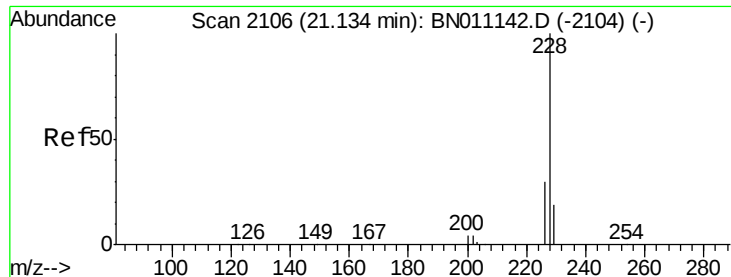
Delta R.T. 0.01 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tgt Ion:	228	Resp:	1233
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.2	34.8
229	25.6	16.2	24.4#





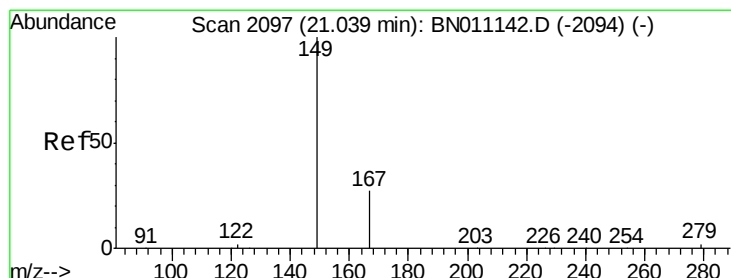
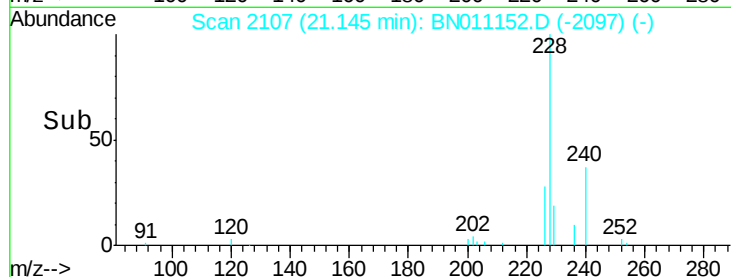
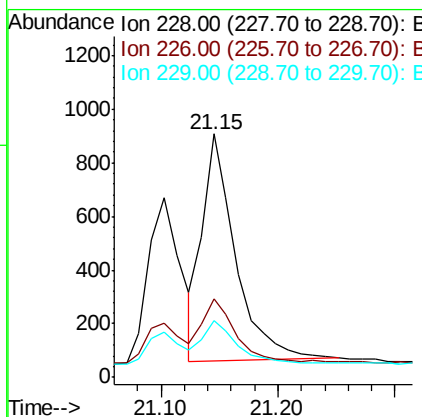
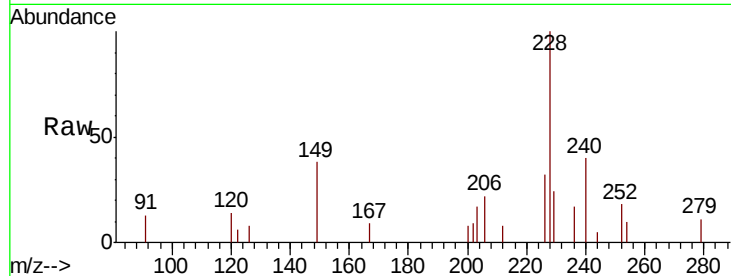
#33
 Chrysene
 Concen: 0.096 ng
 RT: 21.15 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	23.6	16.2	24.4

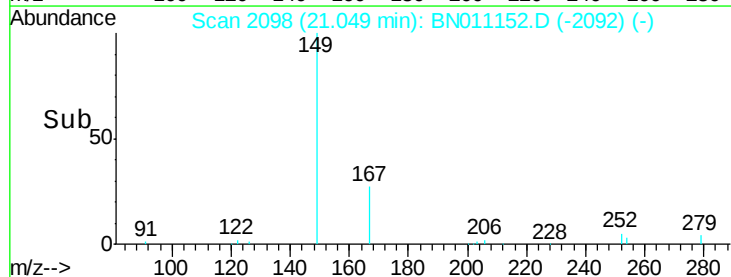
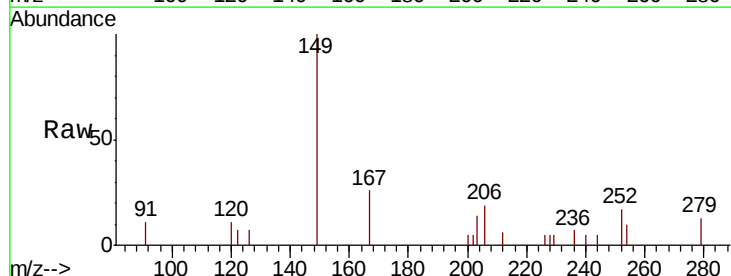
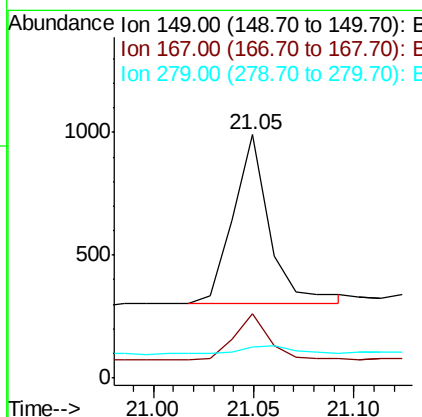
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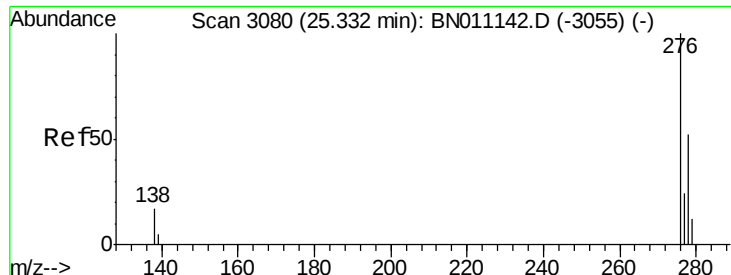
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#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.148 ng
 RT: 21.05 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.4	35.0
279	6.4	4.5	6.7





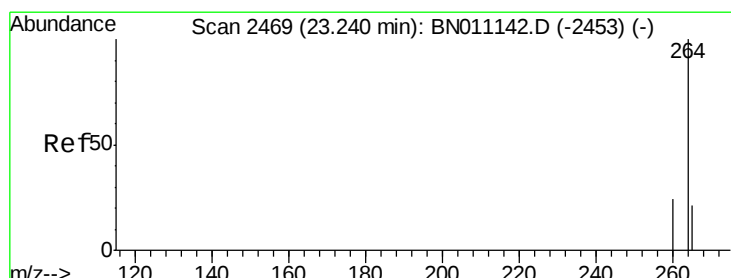
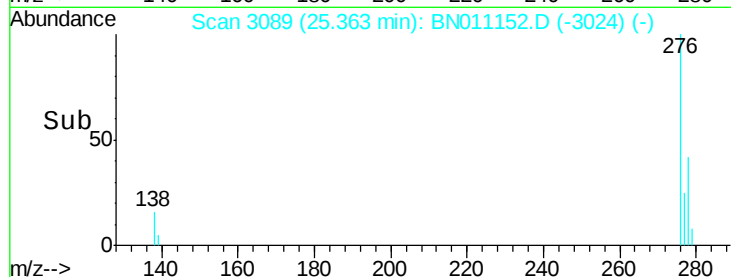
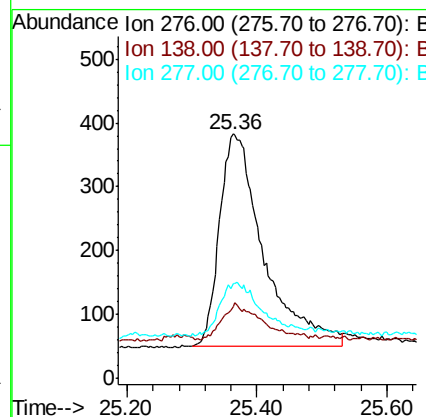
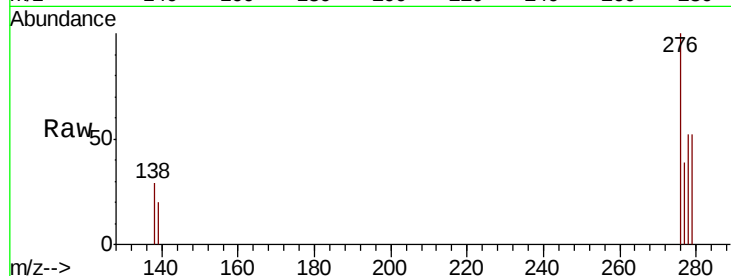
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 25.36 min Scan# 3089
Delta R.T. 0.02 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.1	13.0	19.6#
277	23.0	19.7	29.5

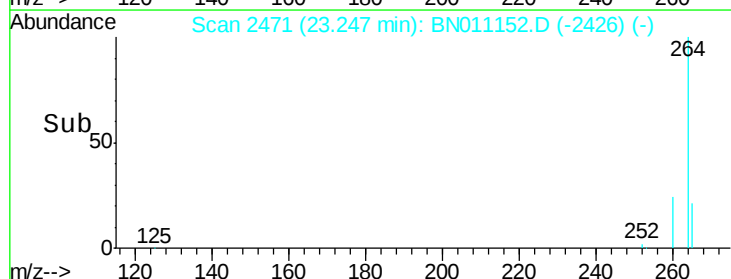
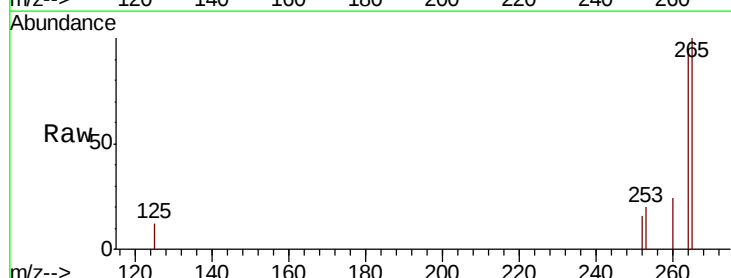
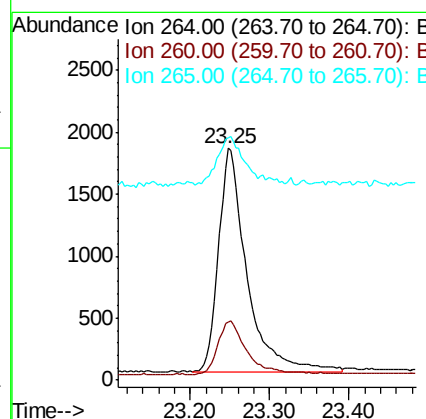
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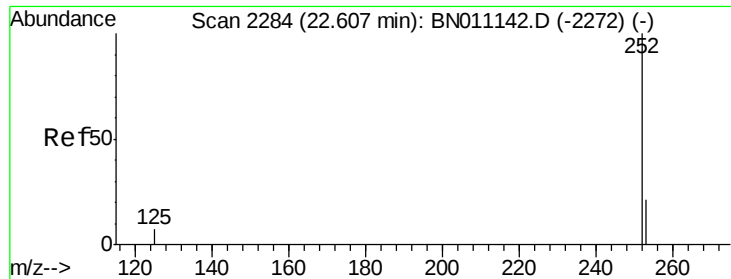
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#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	104.9	76.6	115.0





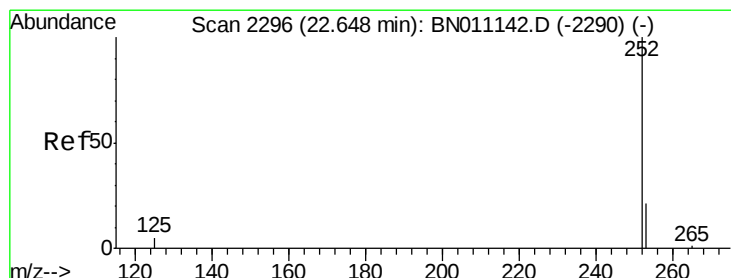
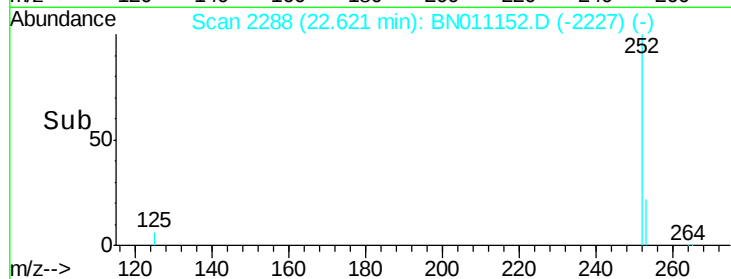
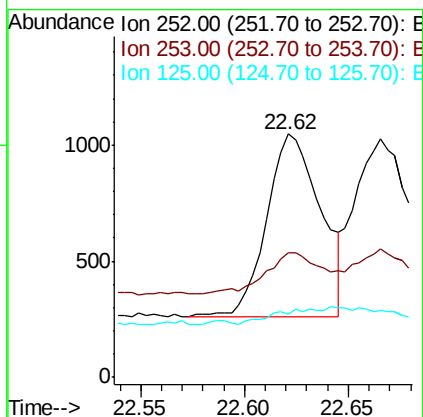
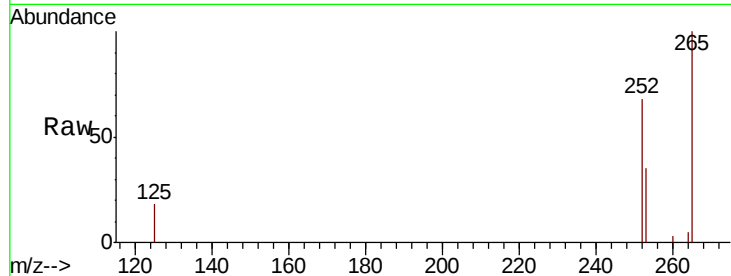
#37
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 22.62 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.1	22.6	34.0#
125	25.8	9.6	14.4#

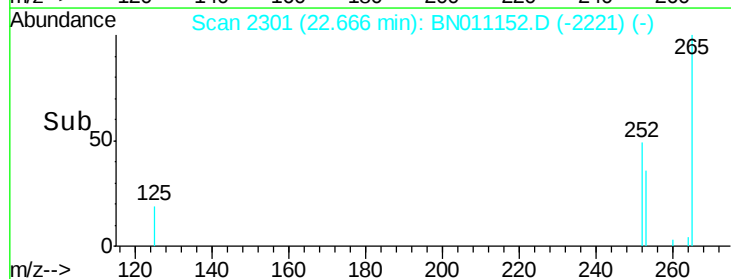
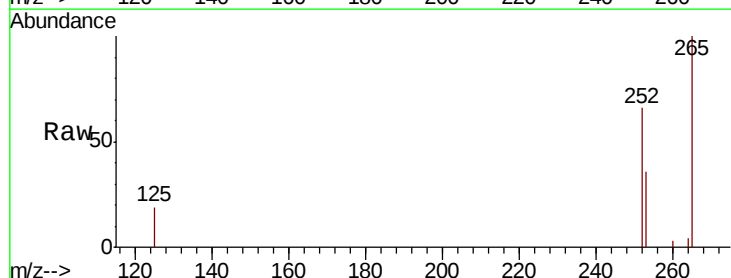
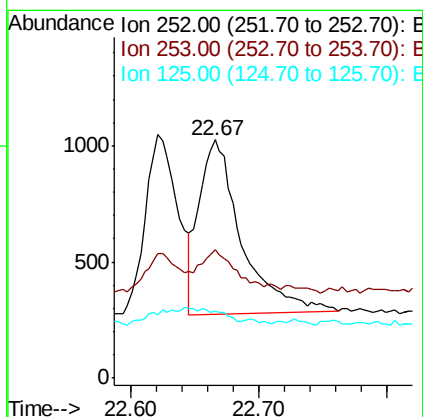
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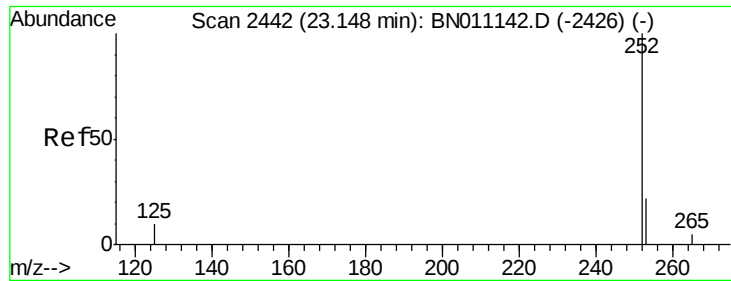
mohammad
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#38
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 22.67 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BN011152.D
Acq: 13 Jul 2020 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	53.8	22.2	33.4#
125	28.3	11.0	16.4#





#39

Benzo(a)pyrene

Concen: 0.075 ng

RT: 23.16 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BN011152.D

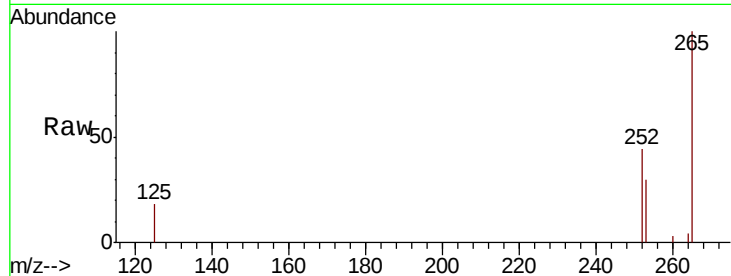
Acq: 13 Jul 2020 13:59

Instrument :

BNA_N

ClientSampleId :

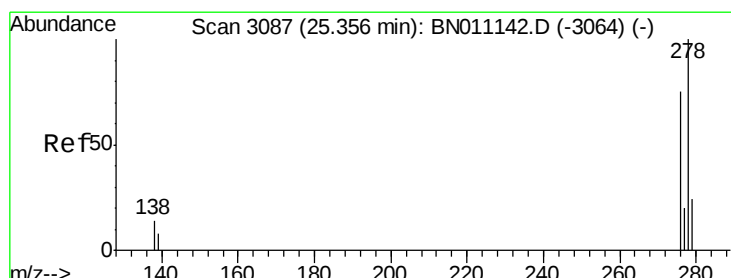
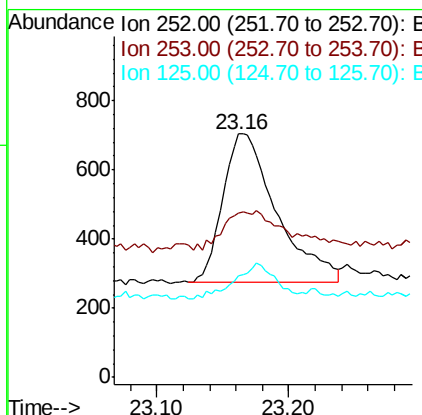
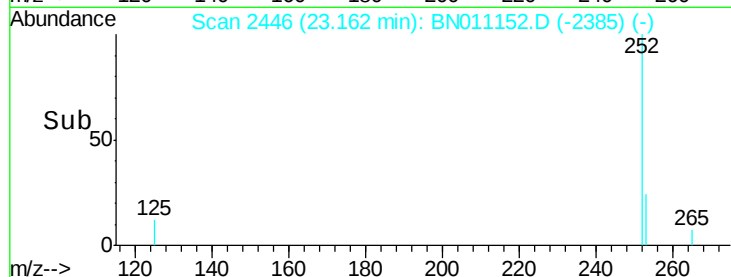
LOQ-SOIL-02-QT3-2020



Tot Ion:	252	Resp:	1219
Ion Ratio	Lower	Upper	
252	100		
253	67.3	25.8	38.6#
125	41.5	13.4	20.0#

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#40

Dibenzo(a,h)anthracene

Concen: 0.067 ng

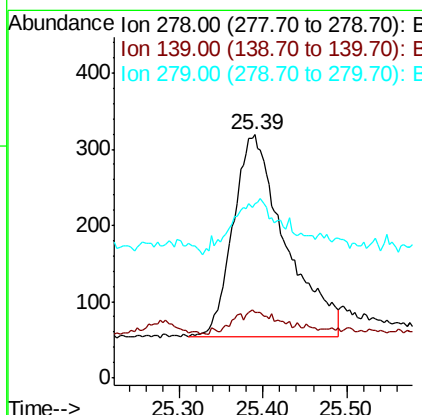
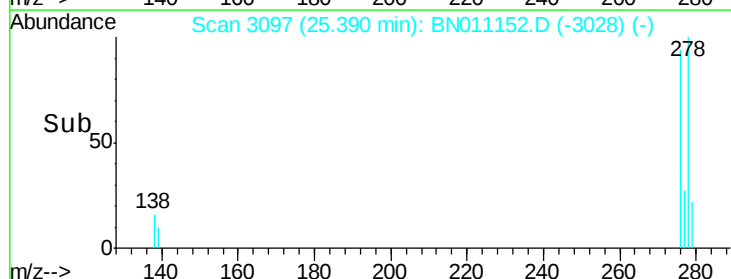
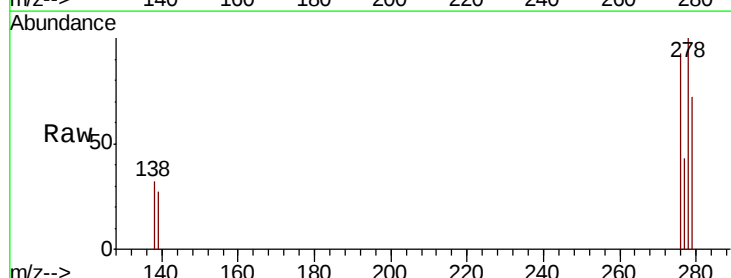
RT: 25.39 min Scan# 3097

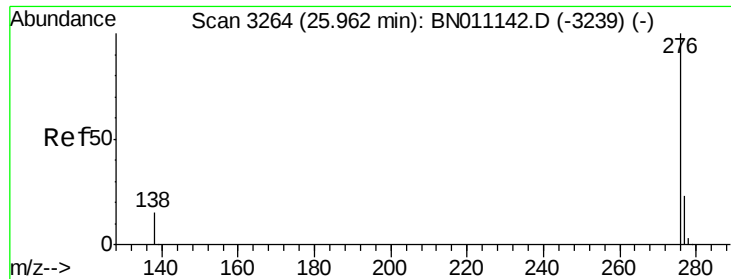
Delta R.T. 0.04 min

Lab File: BN011152.D

Acq: 13 Jul 2020 13:59

Tgt Ion:	278	Resp:	1147
Ion Ratio	Lower	Upper	
278	100		
139	26.6	11.7	17.5#
279	71.8	25.0	37.6#





#41
 Benzo(a,h,i)perylene
 Concen: 0.081 ng
 RT: 25.99 min Scan# 3272
 Delta R.T. 0.02 min
 Lab File: BN011152.D
 Acq: 13 Jul 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
277	35.4	20.5	30.7#
138	26.6	13.8	20.6#

Manual Integrations
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