

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
 Data File : BN015746.D
 Acq On : 31 Jul 2021 22:56
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL-0.1ng
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:48:59 PM

Quant Time: Aug 02 04:30:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 04:24:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	36361	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	162789	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	85116	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	161524	0.400	ng	0.00
29) Chrysene-d12	21.376	240	145868	0.400	ng	# 0.00
35) Perylene-d12	23.714	264	148700	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	28938	0.296	ng	0.00
5) Phenol-d6	6.951	99	33241	0.281	ng	0.00
8) Nitrobenzene-d5	8.937	82	30553	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	101360	0.413	ng	0.00
14) 2,4,6-Tribromophenol	15.906	330	7830	0.213	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	108113	0.332	ng	-0.01
27) Fluoranthene-d10	19.207	212	164842	0.387	ng	0.00
31) Terphenyl-d14	19.813	244	115436	0.325	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	1332	0.107	ng	# 94
3) n-Nitrosodimethylamine	3.742	42	1640	0.068	ng	98
6) bis(2-Chloroethyl)ether	7.218	93	10415	0.108	ng	100
9) Naphthalene	10.622	128	43732	0.103	ng	100
10) Hexachlorobutadiene	10.914	225	7378	0.099	ng	# 99
12) 2-Methylnaphthalene	12.238	142	28340	0.103	ng	100
16) Acenaphthylene	14.129	152	29721	0.079	ng	100
17) Acenaphthene	14.485	154	22715	0.093	ng	99
18) Fluorene	15.474	166	26615	0.090	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	458	0.037	ng	# 52
21) 4-Bromophenyl-phenylether	16.360	248	8462	0.090	ng	# 67
22) Hexachlorobenzene	16.482	284	10091	0.097	ng	100
23) Atrazine	16.640	200	6740	0.094	ng	96
24) Pentachlorophenol	16.823	266	8861	0.227	ng	100
25) Phenanthrene	17.212	178	44215	0.096	ng	99
26) Anthracene	17.298	178	34630	0.083	ng	100
28) Fluoranthene	19.237	202	46190	0.093	ng	100
30) Pyrene	19.599	202	43184	0.089	ng	100
32) Benzo(a)anthracene	21.355	228	38349	0.083	ng	99
33) Chrysene	21.408	228	42229	0.089	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	12812	0.052	ng	100
36) Indeno(1,2,3-cd)pyrene	26.113	276	46800	0.088	ng	97
37) Benzo(b)fluoranthene	23.005	252	42403	0.089	ng	98
38) Benzo(k)fluoranthene	23.050	252	48816m	0.095	ng	
39) Benzo(a)pyrene	23.608	252	36730	0.084	ng	96
40) Dibenzo(a,h)anthracene	26.137	278	39608	0.088	ng	# 90
41) Benzo(g,h,i)perylene	26.846	276	40811	0.088	ng	99

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

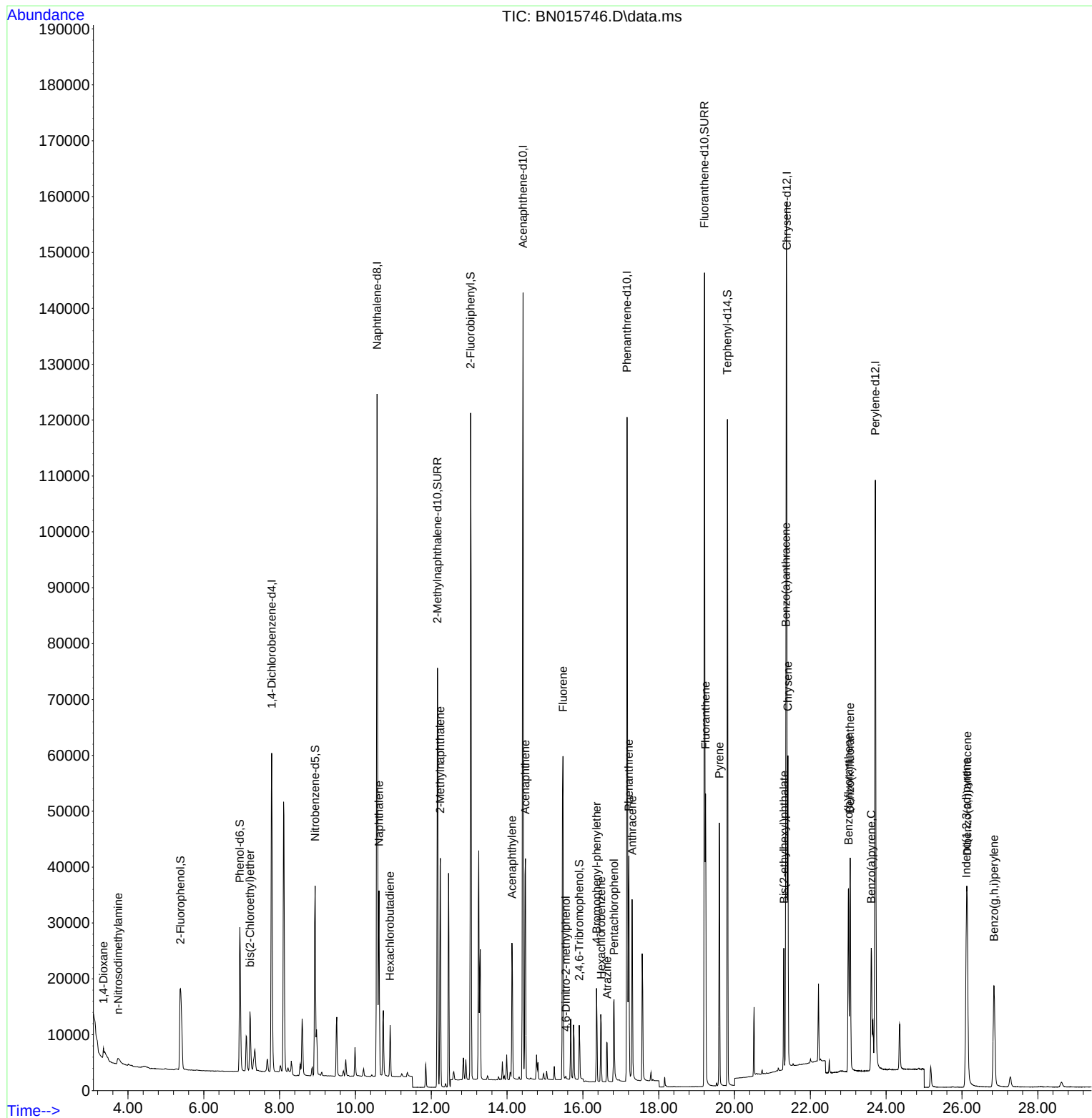
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015746.D
Acq On : 31 Jul 2021 22:56
Operator : CG/JU
Sample : M2940-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 15 Sample Multiplier: 1

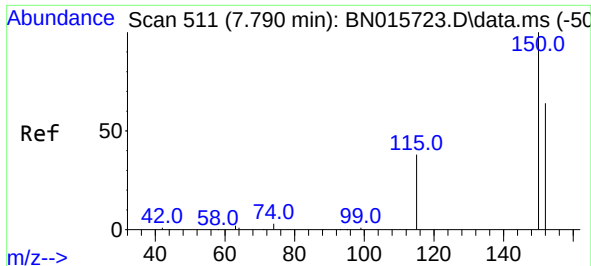
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

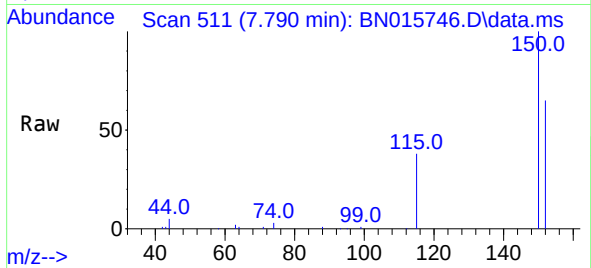
mohammad
8/2/2021 3:48:59 PM

Quant Time: Aug 02 04:30:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

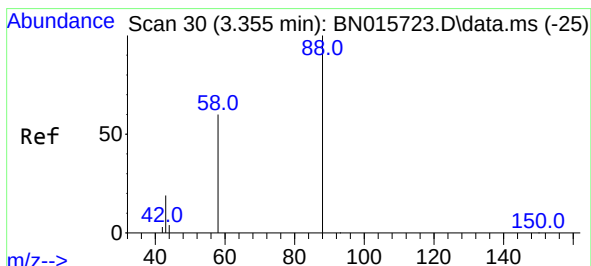
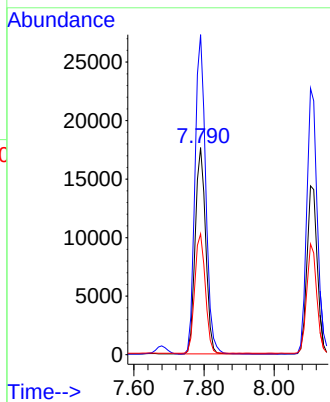
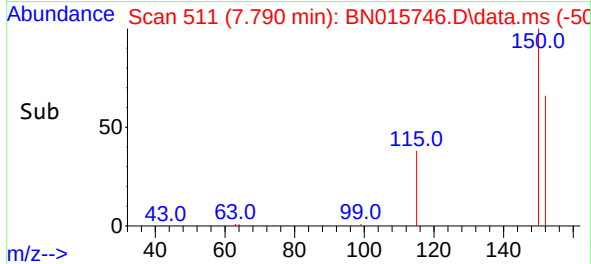




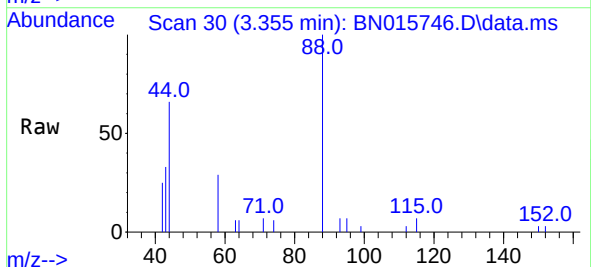
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



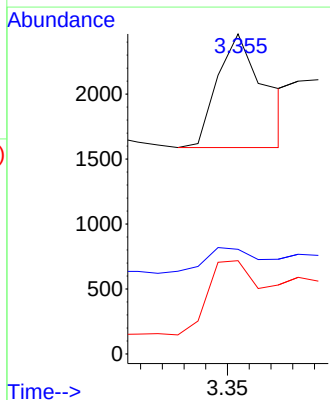
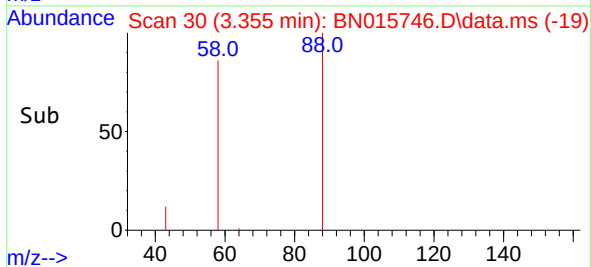
Tgt Ion:152 Resp: 36361
Ion Ratio Lower Upper
152 100
150 154.5 123.9 185.9
115 58.3 47.8 71.6



#2
1,4-Dioxane
Concen: 0.107 ng
RT: 3.355 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



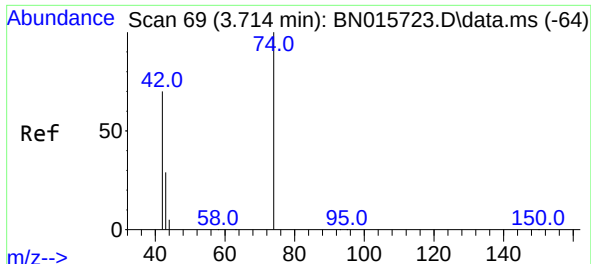
Tgt Ion: 88 Resp: 1332
Ion Ratio Lower Upper
88 100
43 27.6 17.2 25.8#
58 80.8 62.2 93.2



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:59 PM



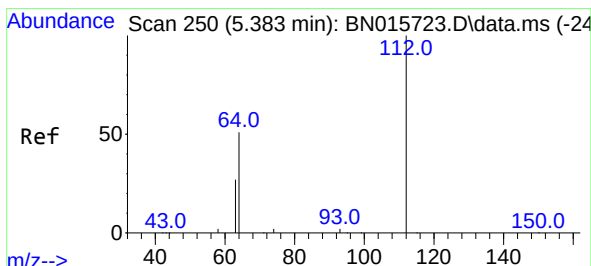
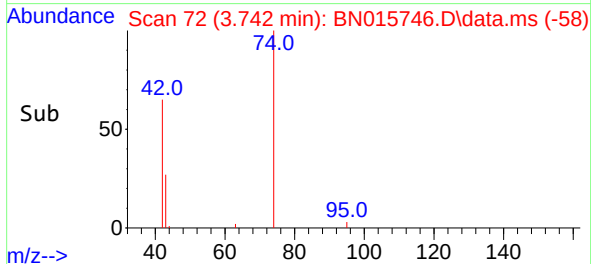
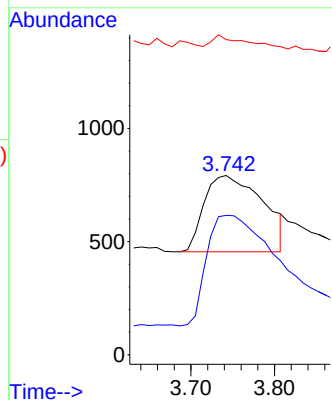
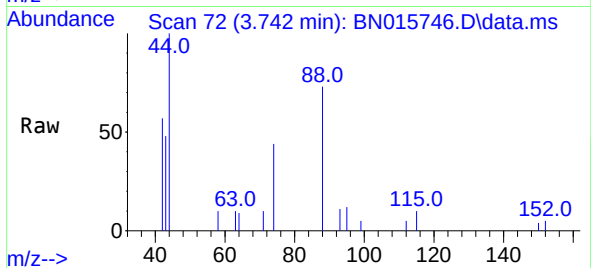
#3
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 3.742 min Scan# 72
Delta R.T. 0.028 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion: 42 Resp: 1640
Ion Ratio Lower Upper
42 100
74 148.7 116.6 174.8
44 7.0 6.6 10.0

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

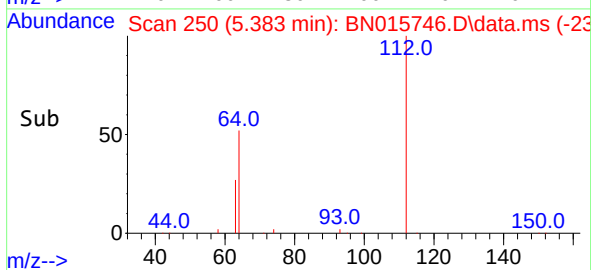
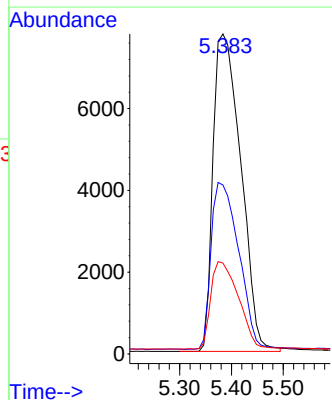
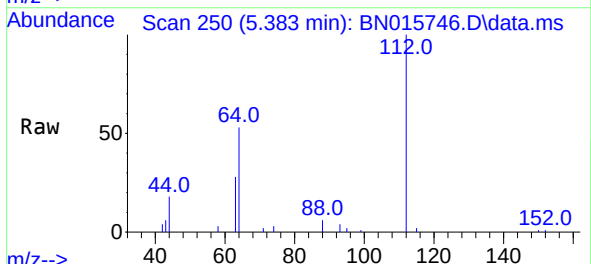
Manual Integrations
APPROVED

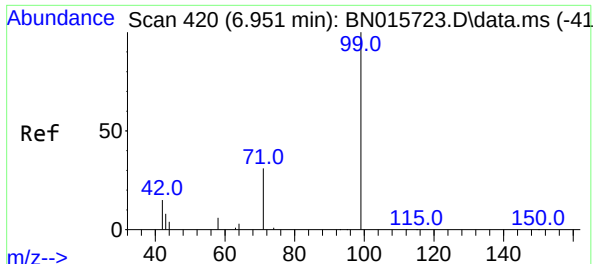
mohammad
8/2/2021 3:48:59 PM



#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.383 min Scan# 250
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion: 112 Resp: 28938
Ion Ratio Lower Upper
112 100
64 52.5 42.1 63.1
63 27.4 21.9 32.9





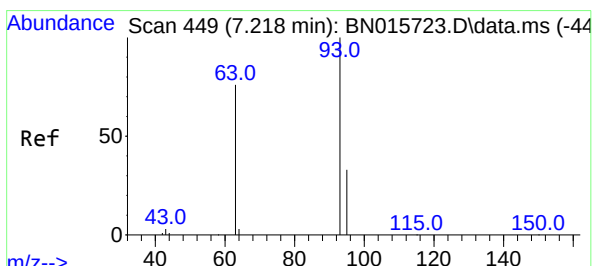
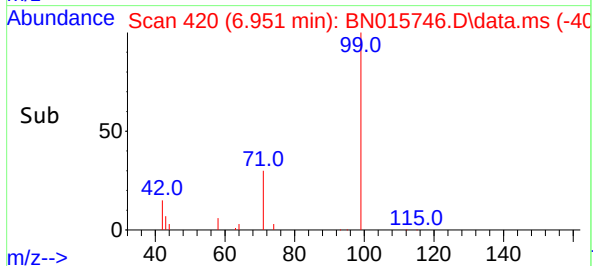
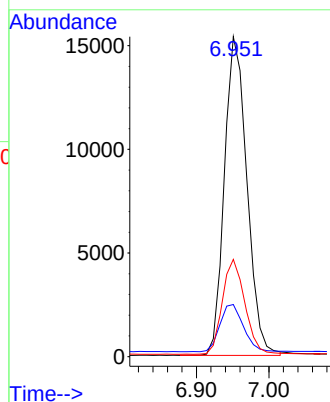
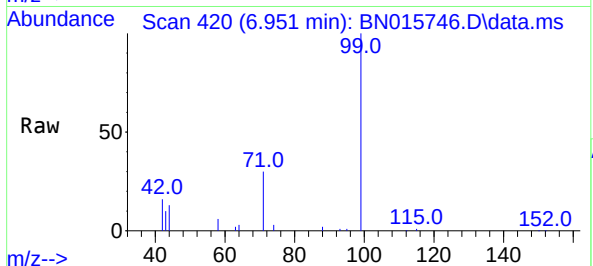
#5
Phenol-d6
Concen: 0.281 ng
RT: 6.951 min Scan# 420
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion: 99	Resp: 33241
Ion Ratio	Lower Upper
99 100	
42 15.5	12.9 19.3
71 29.6	23.8 35.6

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

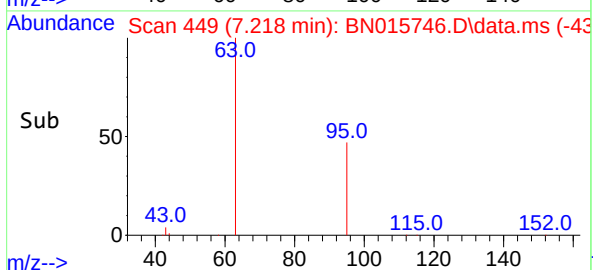
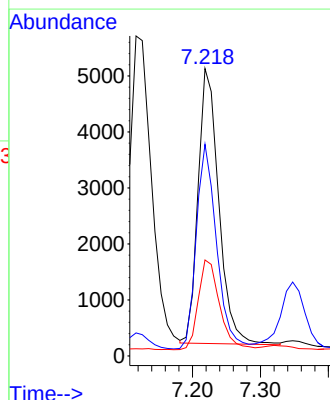
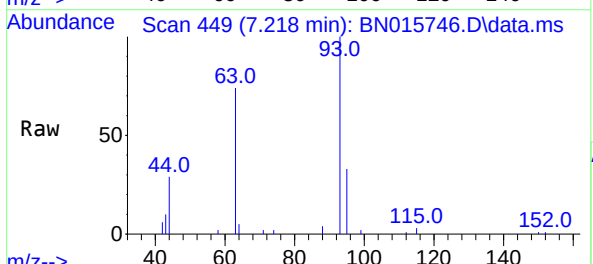
Manual Integrations
APPROVED

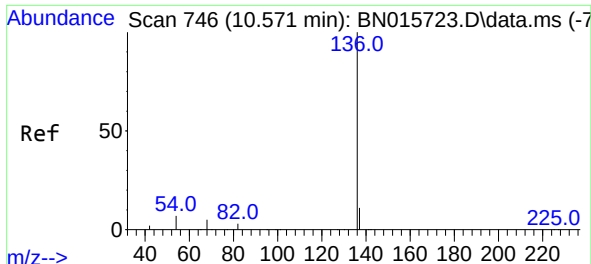
mohammad
8/2/2021 3:48:59 PM



#6
bis(2-Chloroethyl)ether
Concen: 0.108 ng
RT: 7.218 min Scan# 449
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

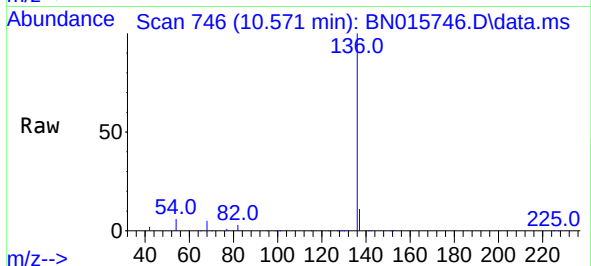
Tgt Ion: 93	Resp: 10415
Ion Ratio	Lower Upper
93 100	
63 72.9	58.6 87.8
95 33.6	26.9 40.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

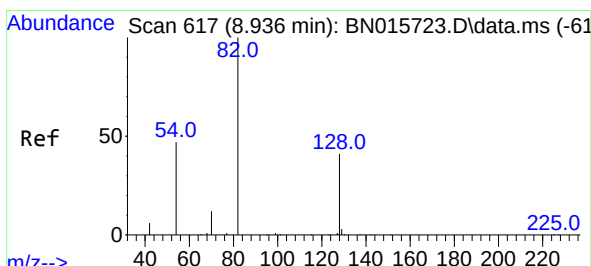
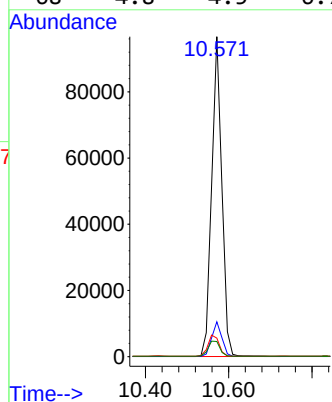
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



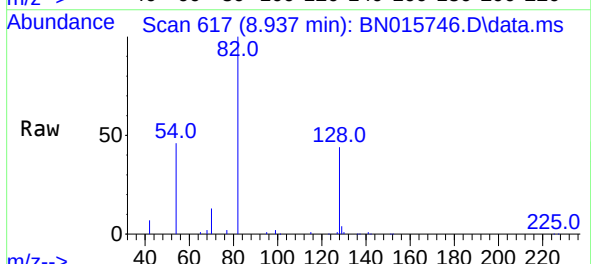
Tgt Ion:	136	Resp:	162789
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.8	5.5	8.3
68	4.8	4.5	6.7

Manual Integrations
APPROVED

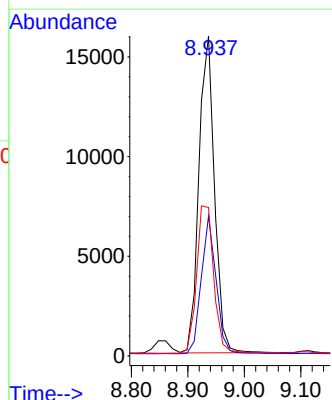
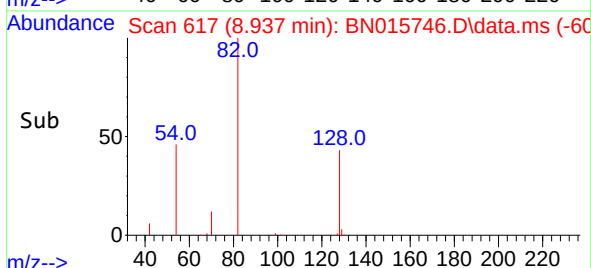
mohammad
8/2/2021 3:48:59 PM

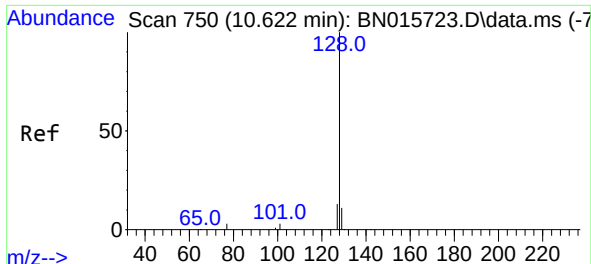


#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.937 min Scan# 617
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



Tgt Ion:	82	Resp:	30553
Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.2	49.8
54	46.4	38.4	57.6





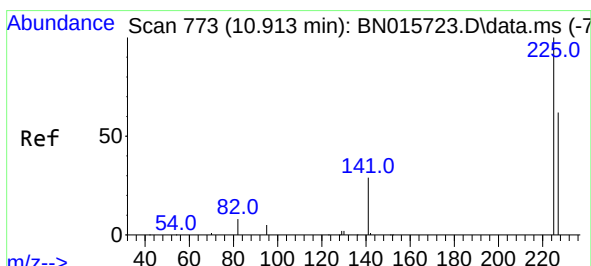
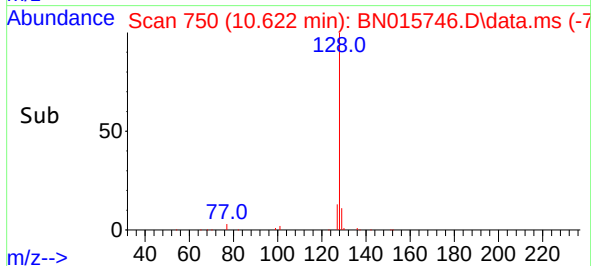
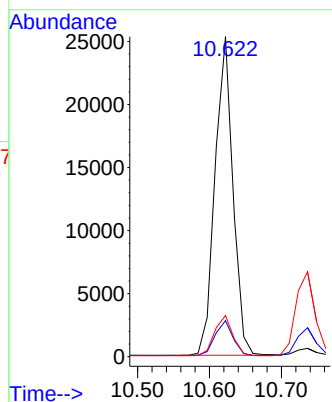
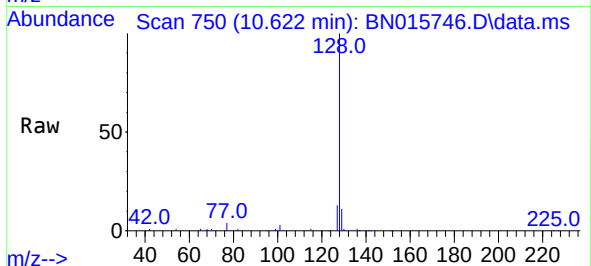
#9
Naphthalene
Concen: 0.103 ng
RT: 10.622 min Scan# 750
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:	128	Resp:	43732
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.9	13.3
127	12.9	10.4	15.6

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

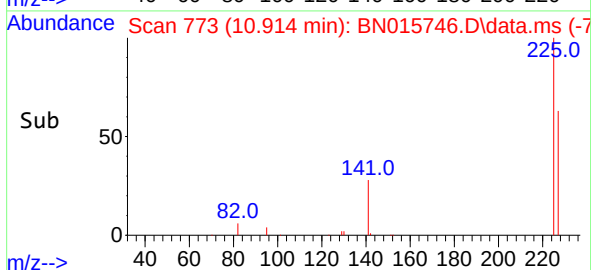
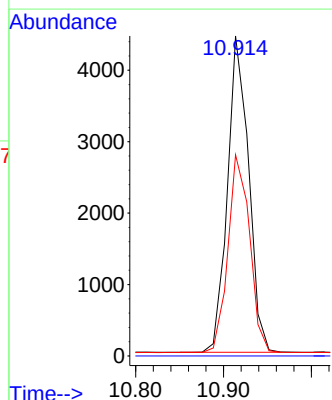
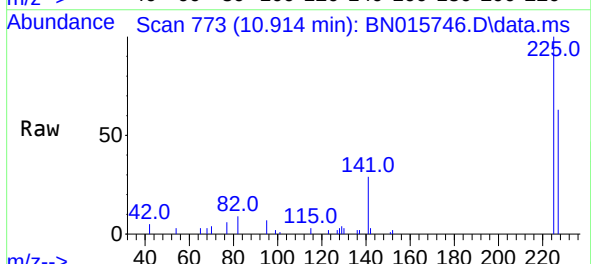
Manual Integrations
APPROVED

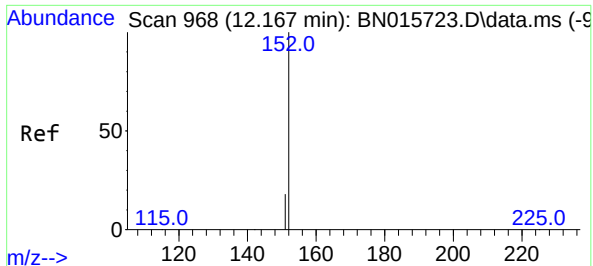
mohammad
8/2/2021 3:48:59 PM



#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 10.914 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:	225	Resp:	7378
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.1	51.0	76.4





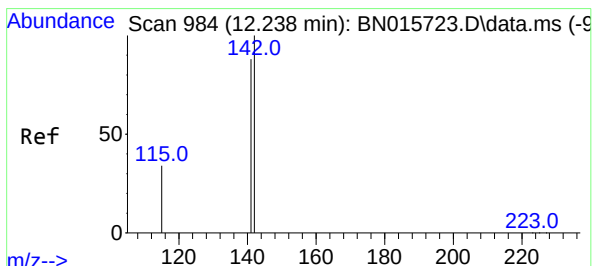
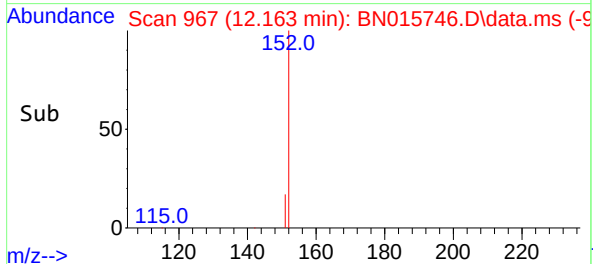
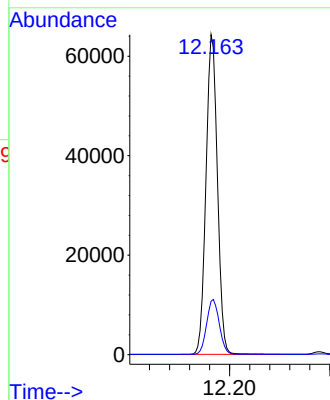
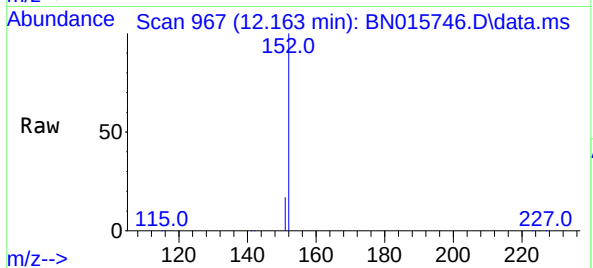
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.163 min Scan# 967
Delta R.T. -0.004 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:152 Resp: 101360
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

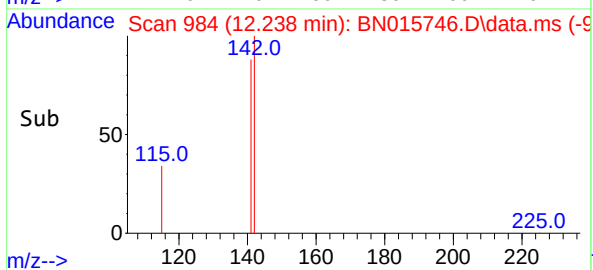
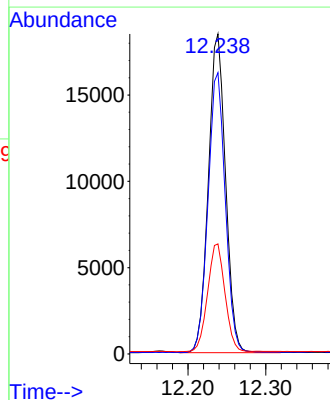
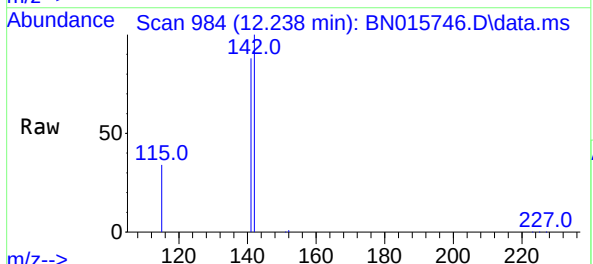
Manual Integrations
APPROVED

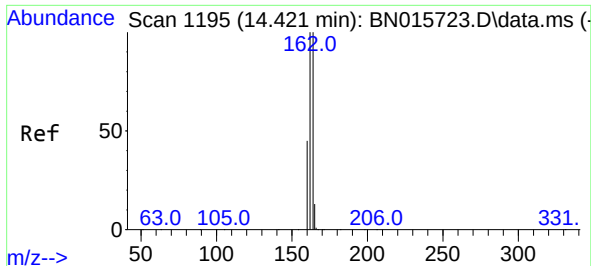
mohammad
8/2/2021 3:48:59 PM



#12
2-Methylnaphthalene
Concen: 0.103 ng
RT: 12.238 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

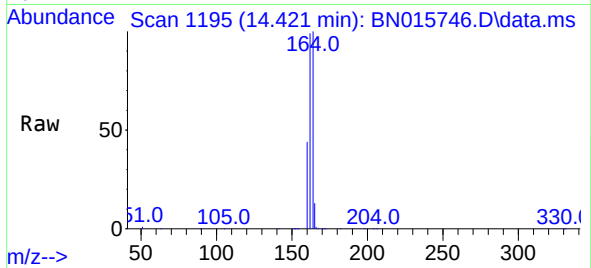
Tgt Ion:142 Resp: 28340
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 34.4 27.3 40.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.421 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

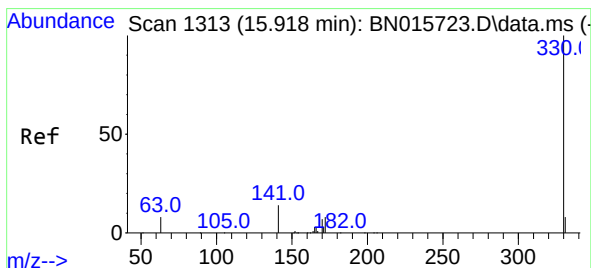
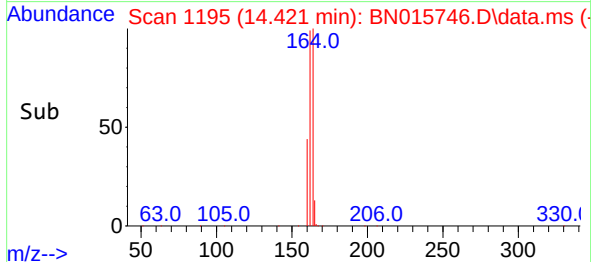
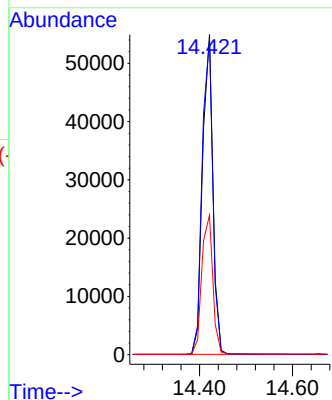
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:164 Resp: 85116
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.6
160 43.6 35.8 53.6

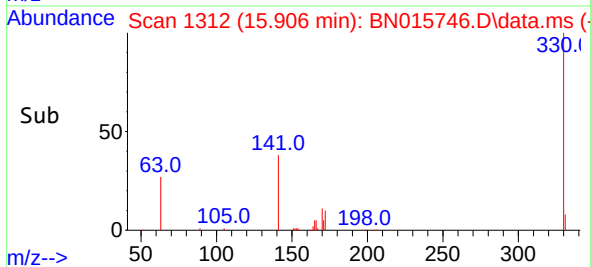
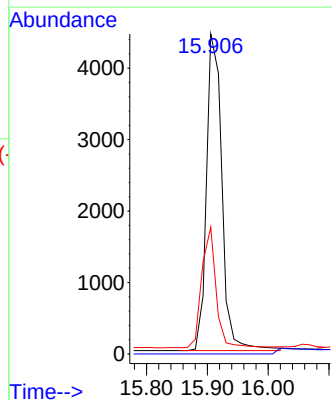
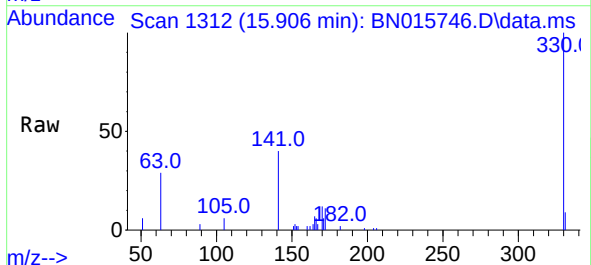
Manual Integrations
APPROVED

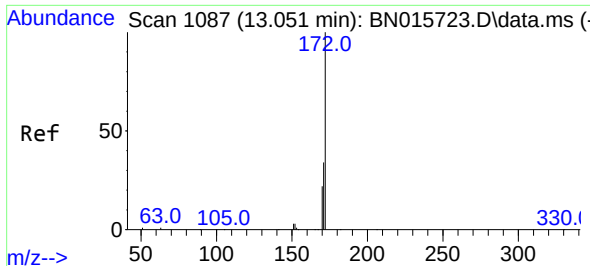
mohammad
8/2/2021 3:48:59 PM



#14
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 15.906 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

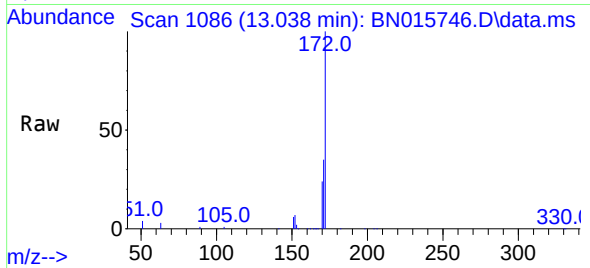
Tgt Ion:330 Resp: 7830
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.6 28.8 43.2





#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.038 min Scan# 1086
Delta R.T. -0.012 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

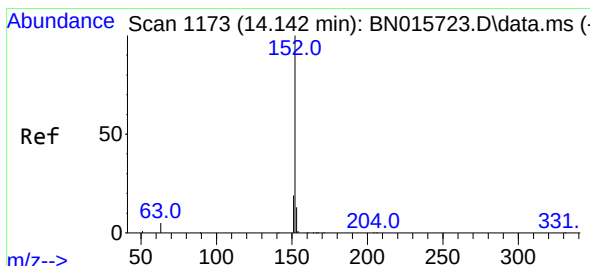
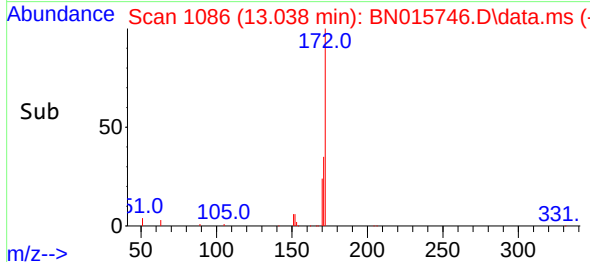
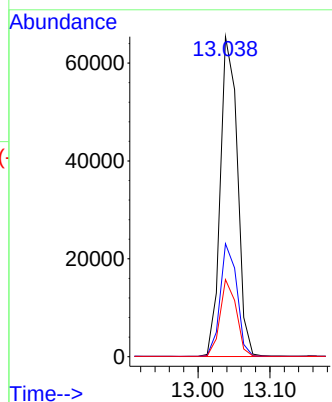
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:172 Resp: 108113
Ion Ratio Lower Upper
172 100
171 35.3 26.9 40.3
170 24.1 17.4 26.0

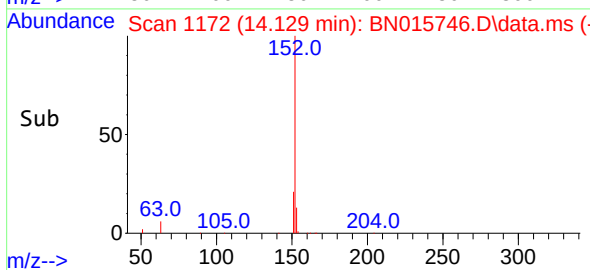
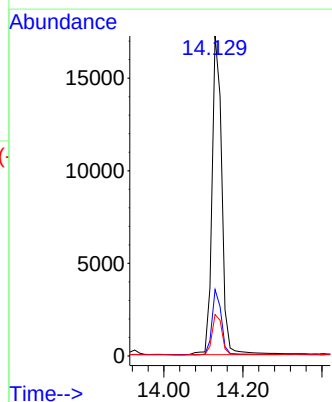
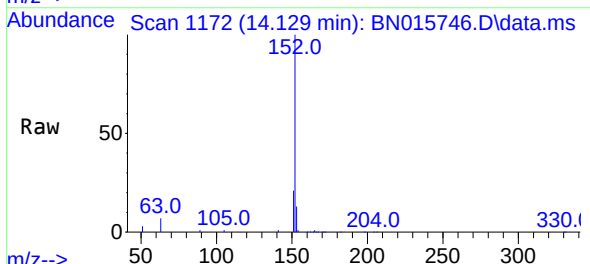
Manual Integrations
APPROVED

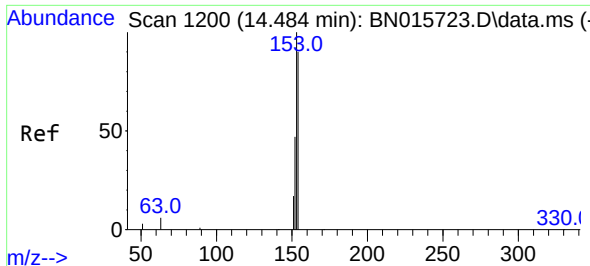
mohammad
8/2/2021 3:48:59 PM



#16
Acenaphthylene
Concen: 0.079 ng
RT: 14.129 min Scan# 1172
Delta R.T. -0.013 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

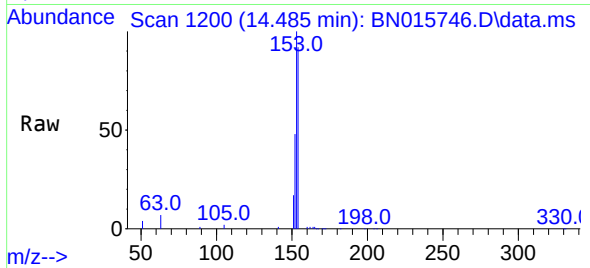
Tgt Ion:152 Resp: 29721
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.4 15.6





#17
Acenaphthene
Concen: 0.093 ng
RT: 14.485 min Scan# 1200
Delta R.T. 0.001 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

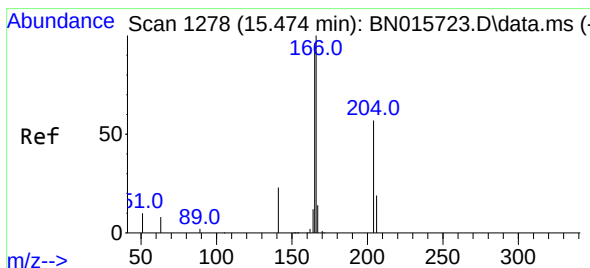
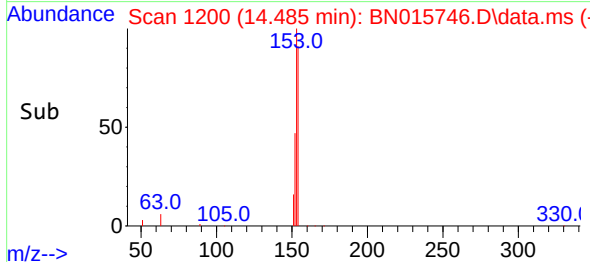
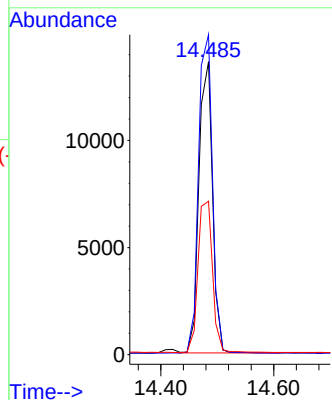
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:154 Resp: 22715
Ion Ratio Lower Upper
154 100
153 112.2 89.7 134.5
152 55.8 43.8 65.6

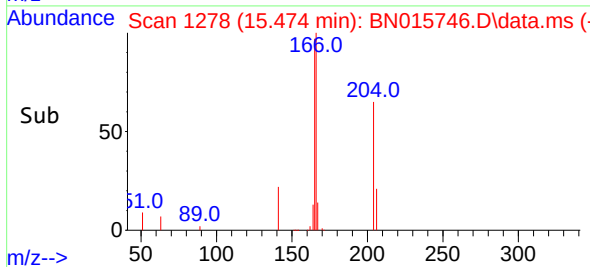
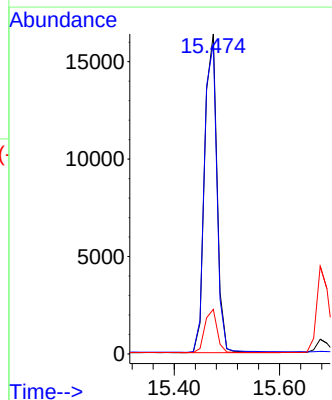
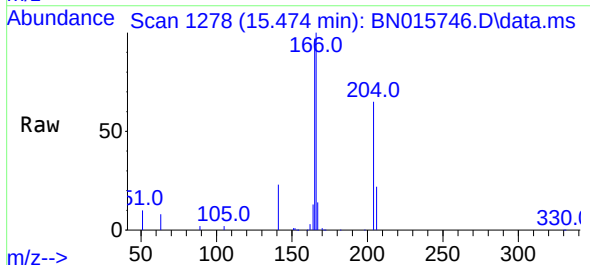
Manual Integrations
APPROVED

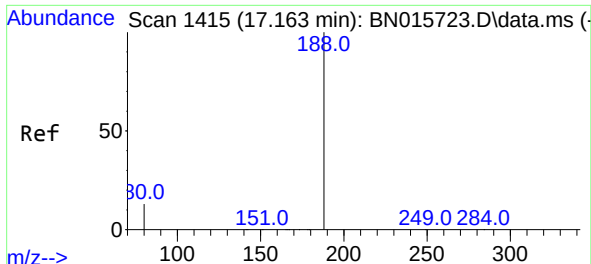
mohammad
8/2/2021 3:48:59 PM



#18
Fluorene
Concen: 0.090 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:166 Resp: 26615
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.5 10.8 16.2





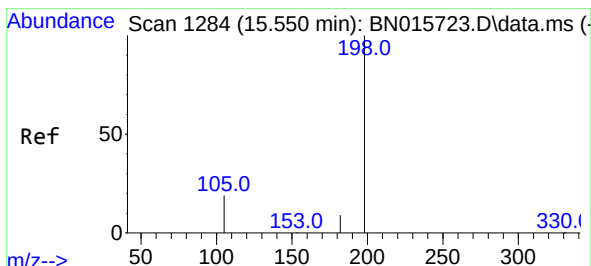
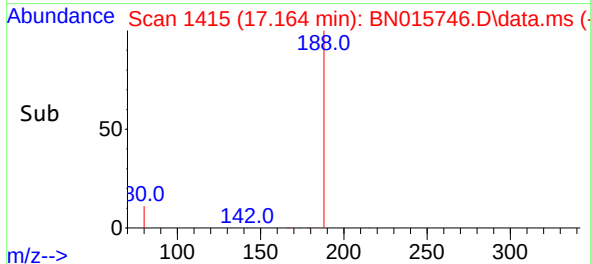
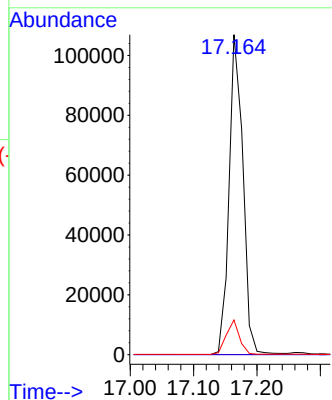
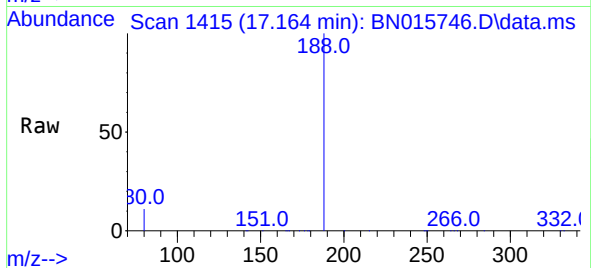
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.001 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:188 Resp: 161524
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 10.2 15.4

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

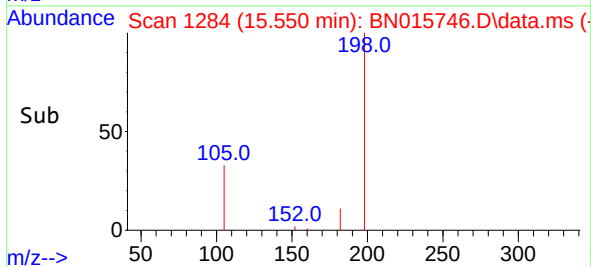
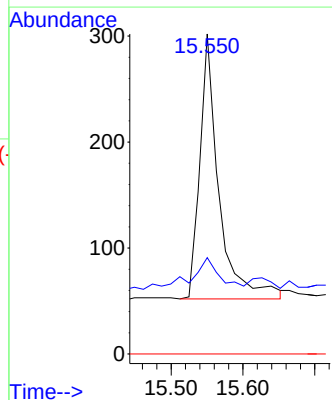
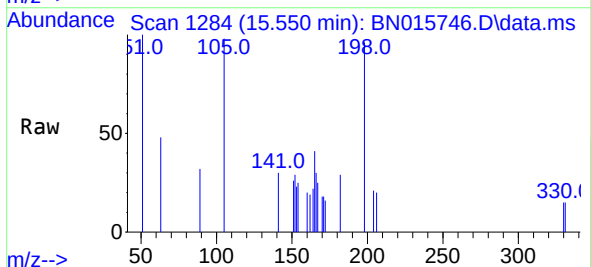
Manual Integrations
APPROVED

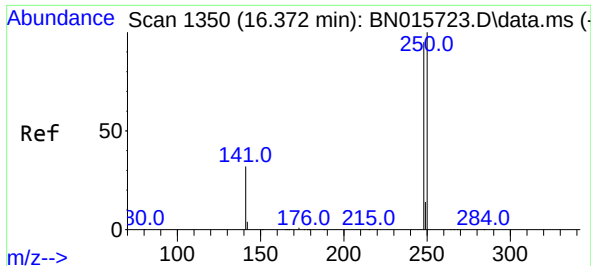
mohammad
8/2/2021 3:48:59 PM



#20
4,6-Dinitro-2-methylphenol
Concen: 0.037 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:198 Resp: 458
Ion Ratio Lower Upper
198 100
182 30.1 9.4 14.0#
77 0.0 0.0 0.0





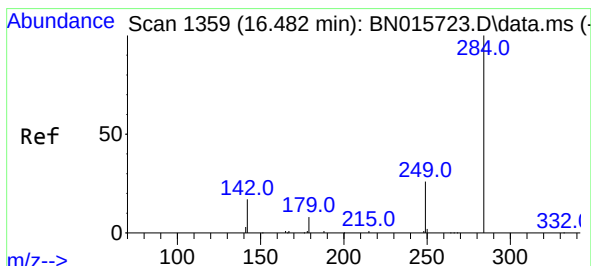
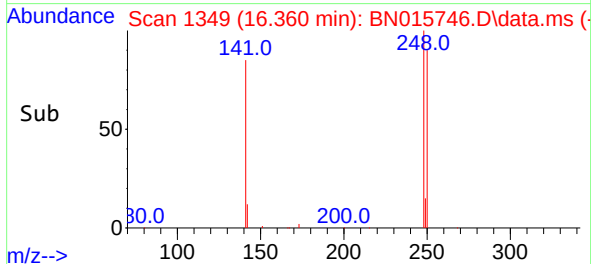
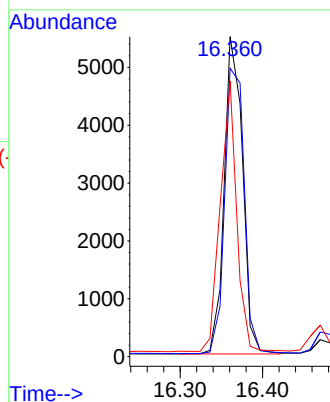
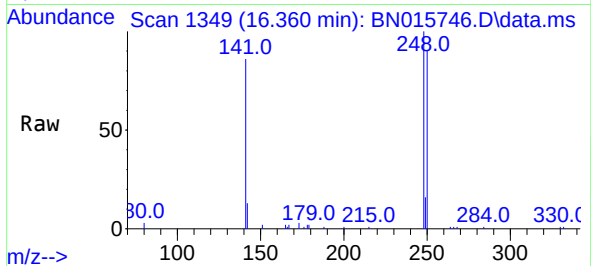
#21
4-Bromophenyl-phenylether
Concen: 0.090 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:248 Resp: 8462
Ion Ratio Lower Upper
248 100
250 90.1 83.9 125.9
141 86.1 26.9 40.3#

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

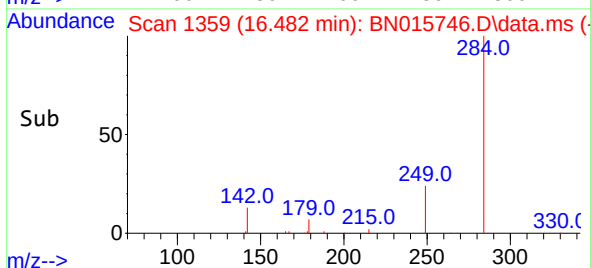
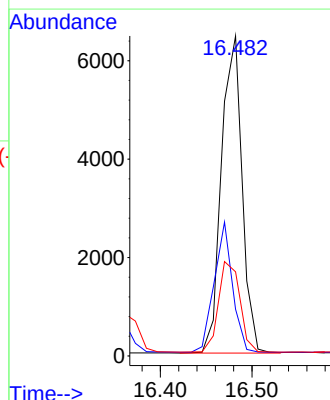
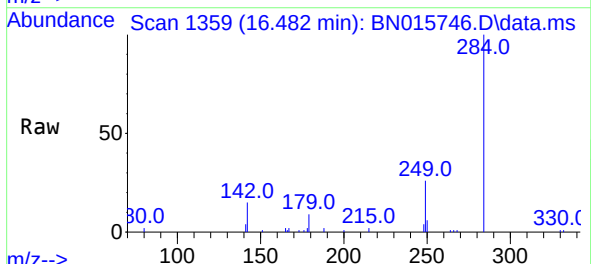
Manual Integrations
APPROVED

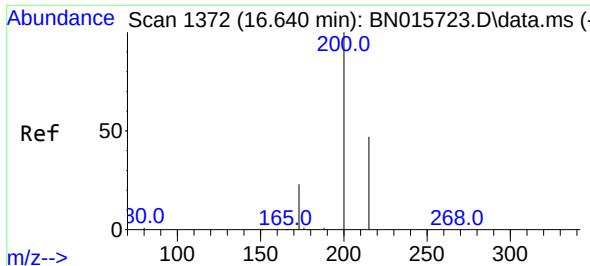
mohammad
8/2/2021 3:48:59 PM



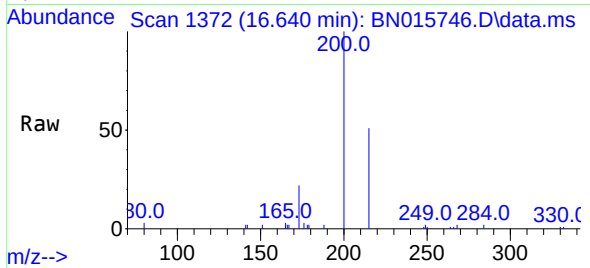
#22
Hexachlorobenzene
Concen: 0.097 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:284 Resp: 10091
Ion Ratio Lower Upper
284 100
142 36.4 29.4 44.0
249 29.6 23.8 35.6

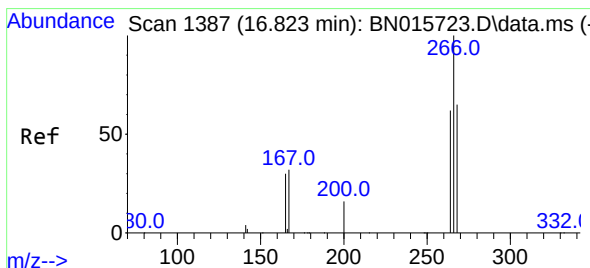
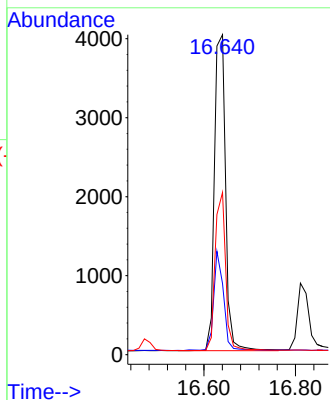
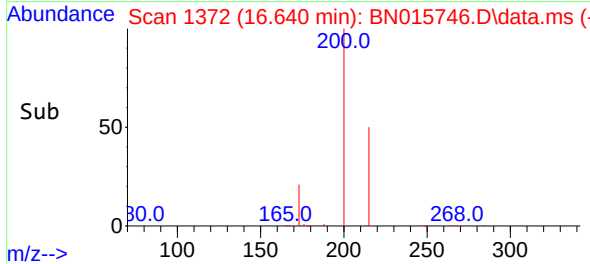




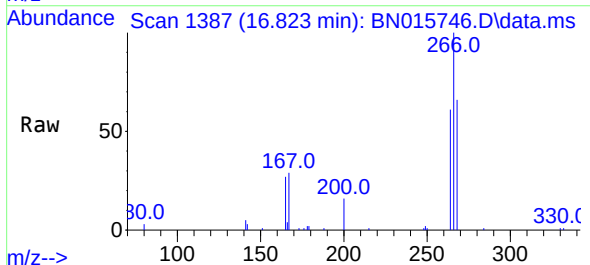
#23
Atrazine
Concen: 0.094 ng
RT: 16.640 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



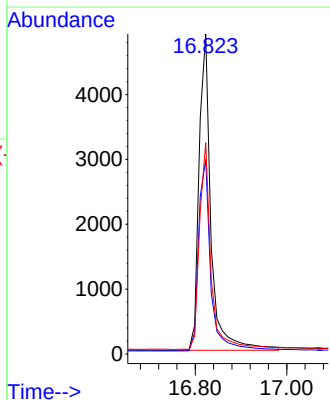
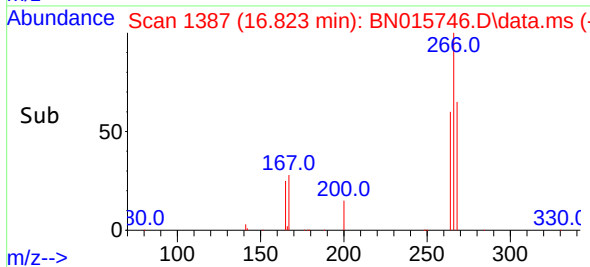
Tgt Ion:200 Resp: 6740
Ion Ratio Lower Upper
200 100
173 22.3 18.9 28.3
215 50.7 38.1 57.1



#24
Pentachlorophenol
Concen: 0.227 ng
RT: 16.823 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



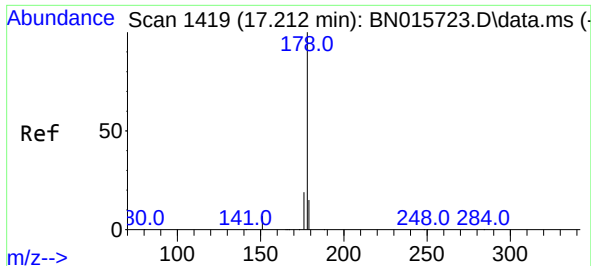
Tgt Ion:266 Resp: 8861
Ion Ratio Lower Upper
266 100
264 62.5 50.2 75.2
268 64.0 51.1 76.7



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:59 PM



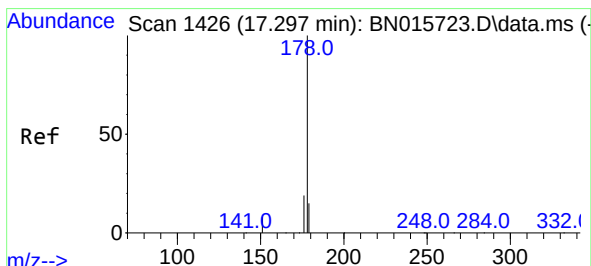
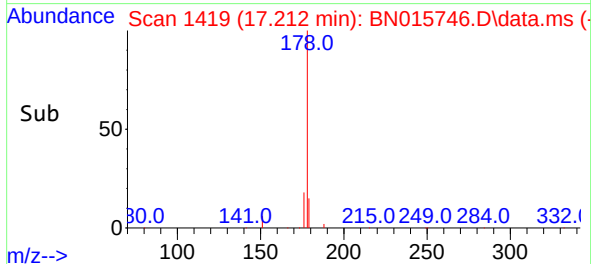
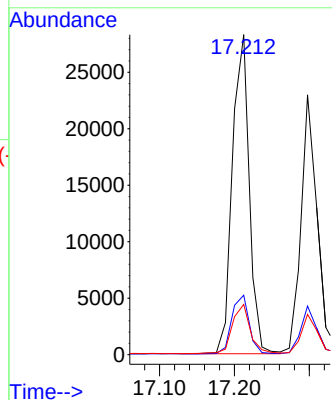
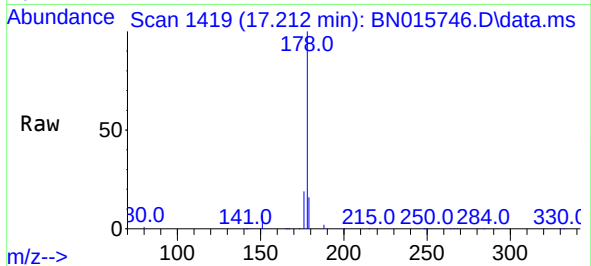
#25
Phenanthrene
Concen: 0.096 ng
RT: 17.212 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:178 Resp: 44215
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 16.3 12.4 18.6

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

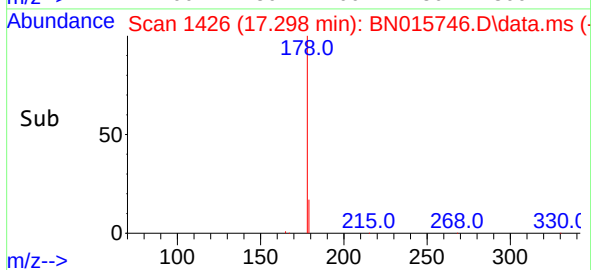
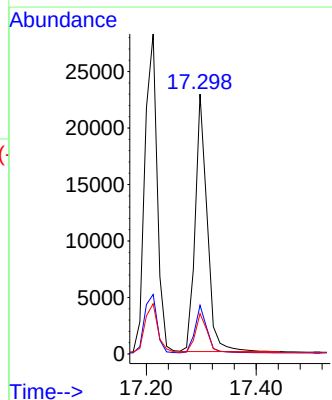
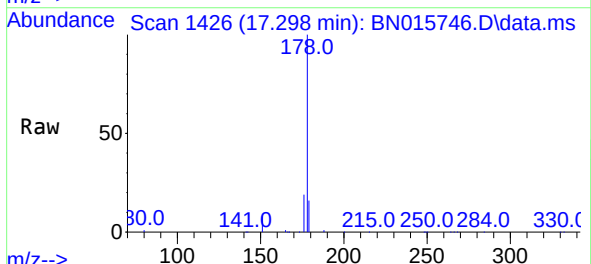
Manual Integrations
APPROVED

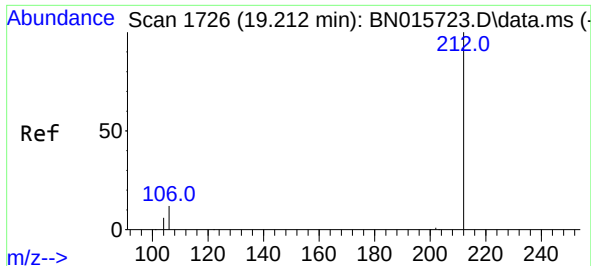
mohammad
8/2/2021 3:48:59 PM



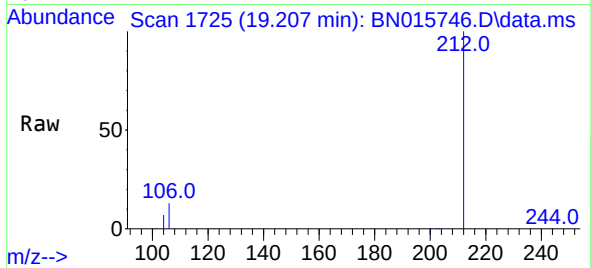
#26
Anthracene
Concen: 0.083 ng
RT: 17.298 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:178 Resp: 34630
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.3 12.2 18.4

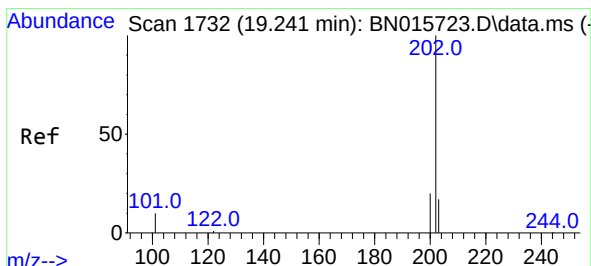
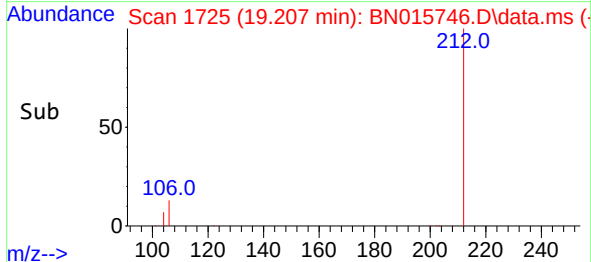
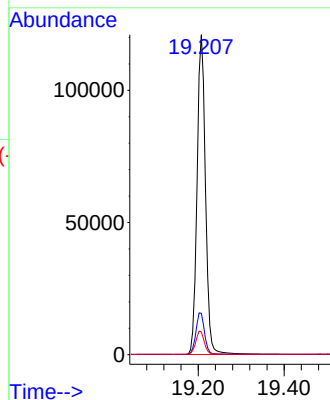




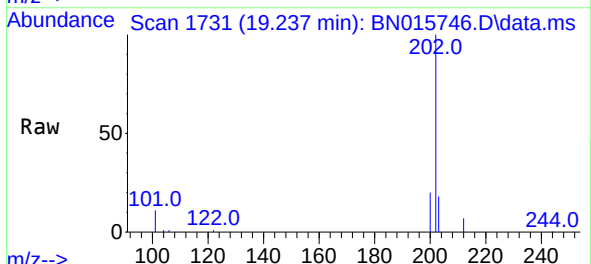
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.207 min Scan# 1725
Delta R.T. -0.005 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



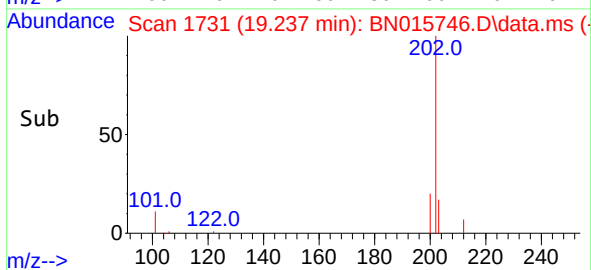
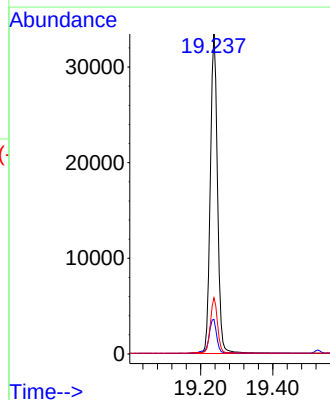
Tgt Ion:212 Resp: 164842
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.4 5.9 8.9



#28
Fluoranthene
Concen: 0.093 ng
RT: 19.237 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



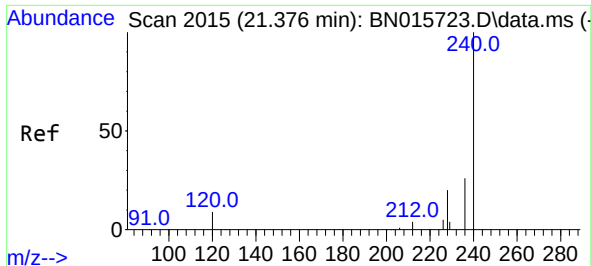
Tgt Ion:202 Resp: 46190
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.6
203 17.2 13.8 20.8



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:59 PM



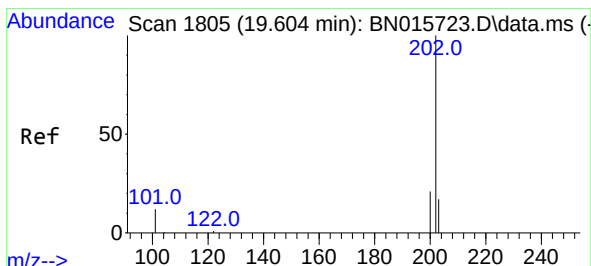
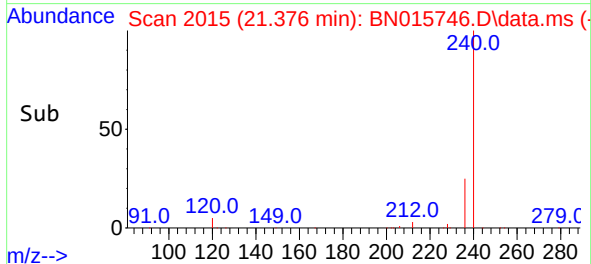
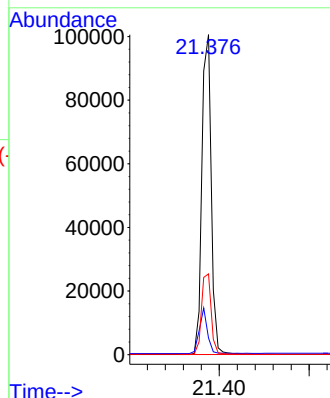
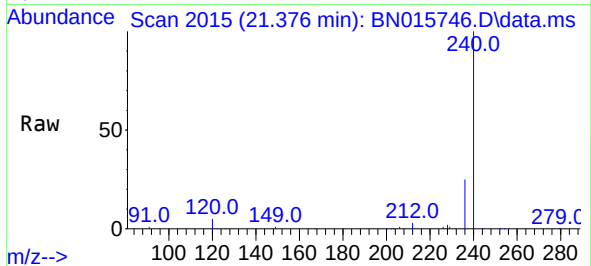
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:240 Resp: 145868
Ion Ratio Lower Upper
240 100
120 5.2 7.4 11.0#
236 25.3 20.9 31.3

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

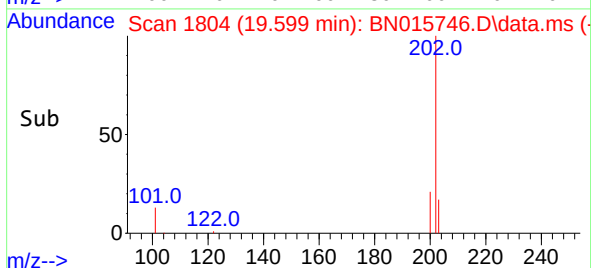
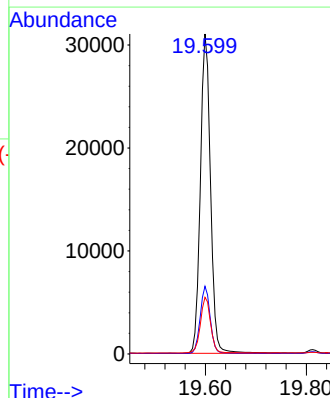
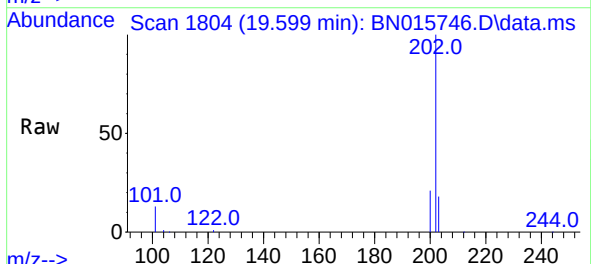
Manual Integrations
APPROVED

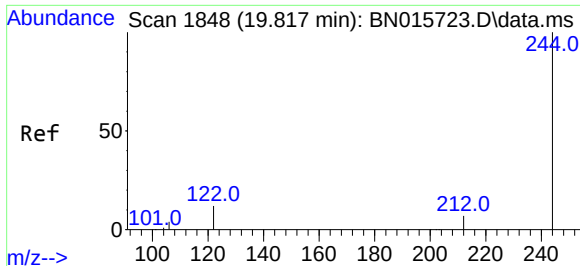
mohammad
8/2/2021 3:48:59 PM



#30
Pyrene
Concen: 0.089 ng
RT: 19.599 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

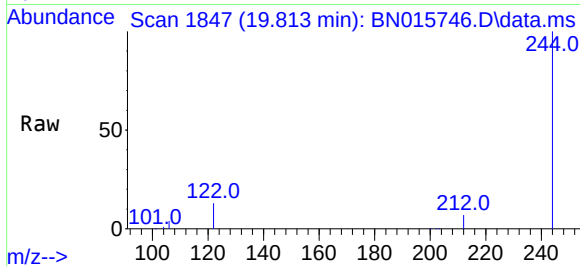
Tgt Ion:202 Resp: 43184
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 17.6 14.0 21.0





#31
Terphenyl-d14
Concen: 0.325 ng
RT: 19.813 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

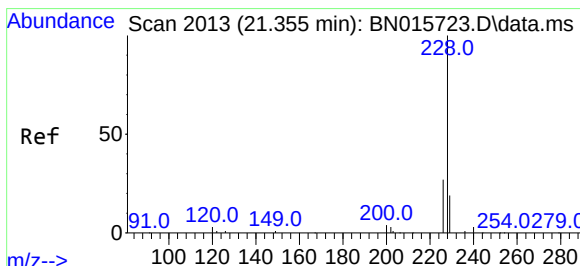
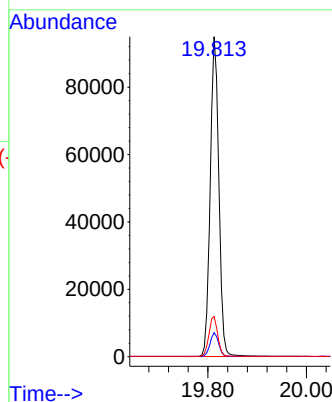
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



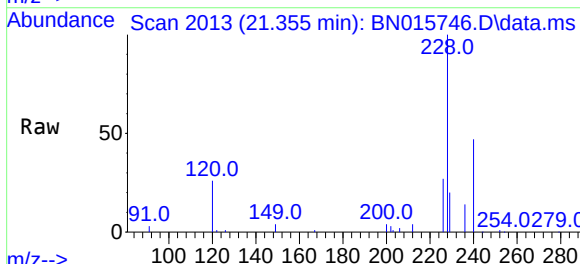
Tgt Ion:244 Resp: 115436
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.5 9.6 14.4

Manual Integrations
APPROVED

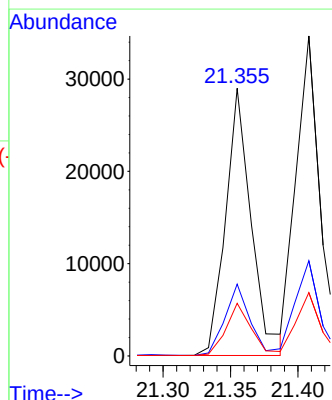
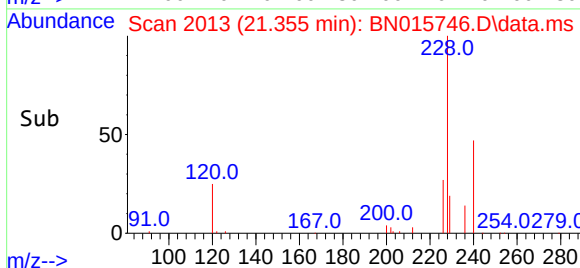
mohammad
8/2/2021 3:48:59 PM

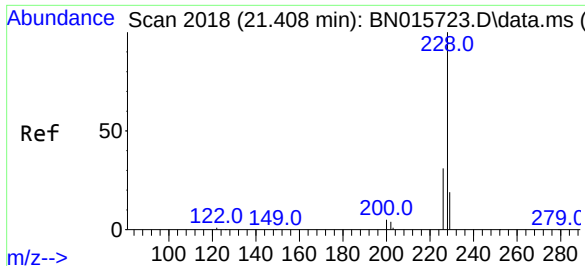


#32
Benzo(a)anthracene
Concen: 0.083 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



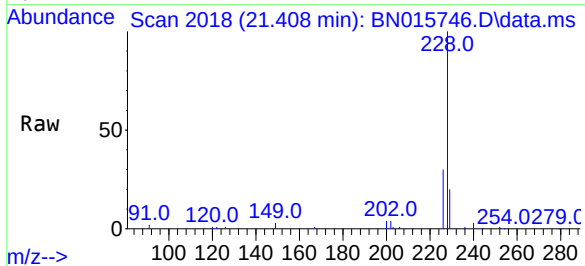
Tgt Ion:228 Resp: 38349
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.7 15.4 23.0





#33
Chrysene
Concen: 0.089 ng
RT: 21.408 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

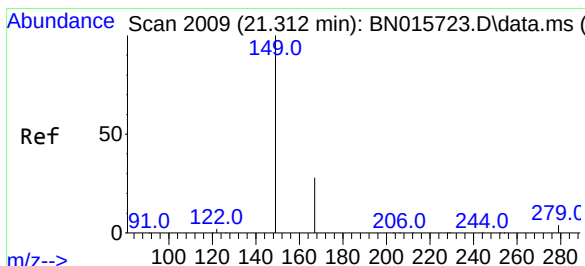
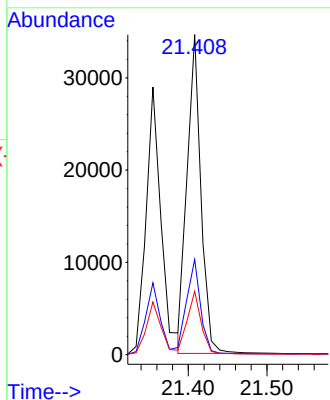
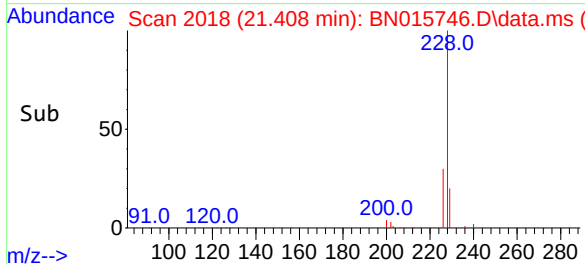
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



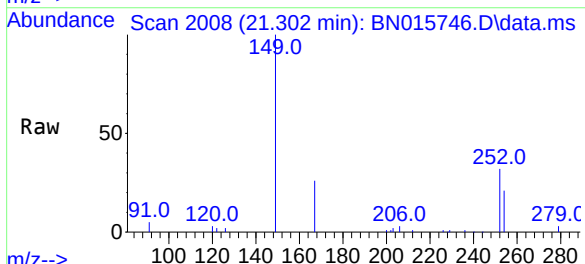
Tgt Ion:228 Resp: 42229
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.8 15.3 22.9

Manual Integrations
APPROVED

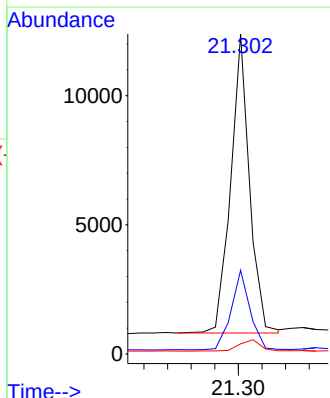
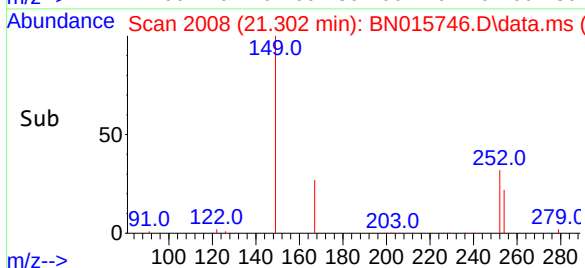
mohammad
8/2/2021 3:48:59 PM

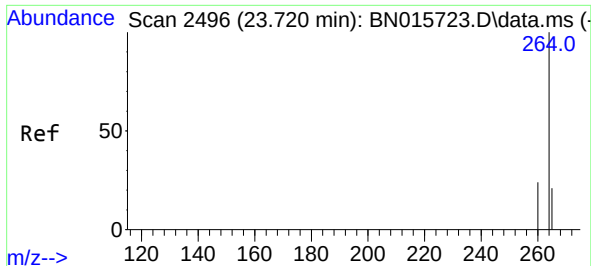


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.010 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56



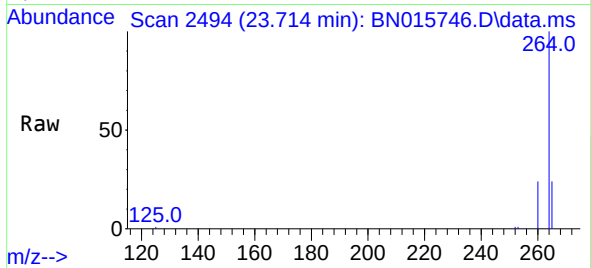
Tgt Ion:149 Resp: 12812
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 4.5 3.2 4.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.714 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

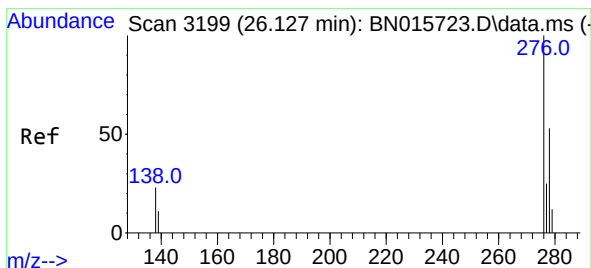
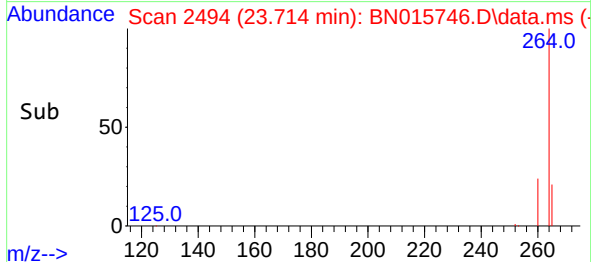
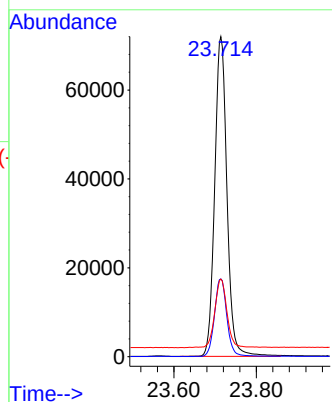
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:264 Resp: 148700
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 24.3 19.9 29.9

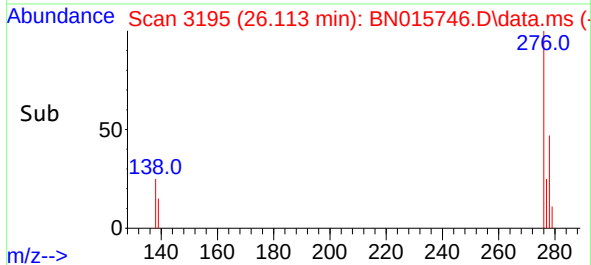
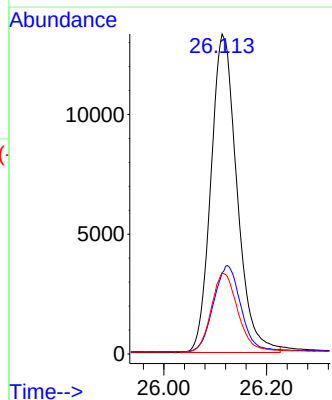
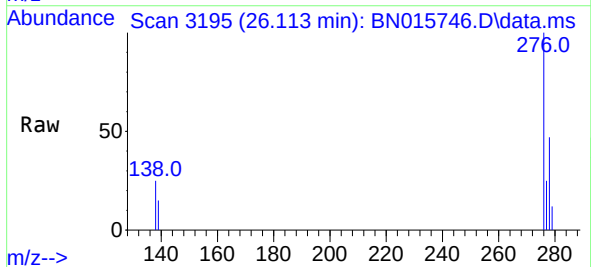
Manual Integrations
APPROVED

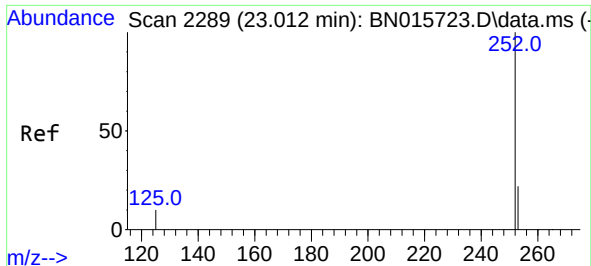
mohammad
8/2/2021 3:48:59 PM



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng
RT: 26.113 min Scan# 3195
Delta R.T. -0.013 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:276 Resp: 46800
Ion Ratio Lower Upper
276 100
138 28.3 20.6 30.8
277 25.2 20.1 30.1





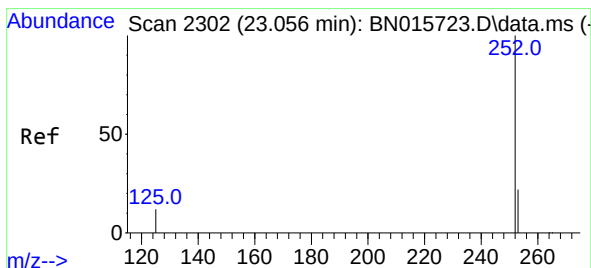
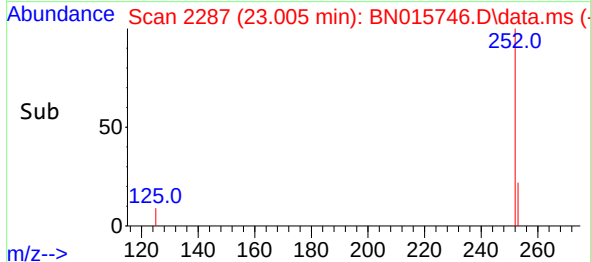
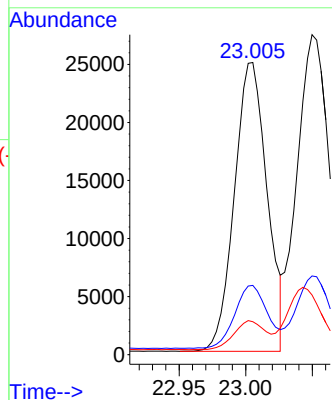
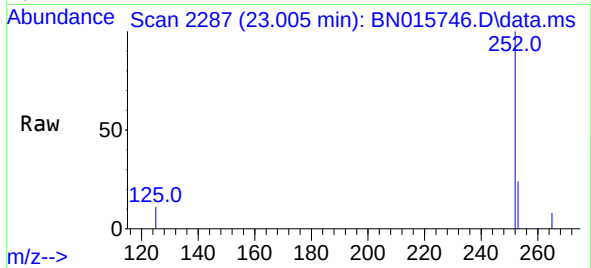
#37
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.005 min Scan# 2287
Delta R.T. -0.007 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:252 Resp: 42403
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 11.3 8.3 12.5

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

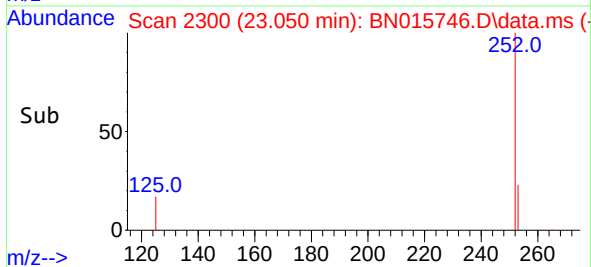
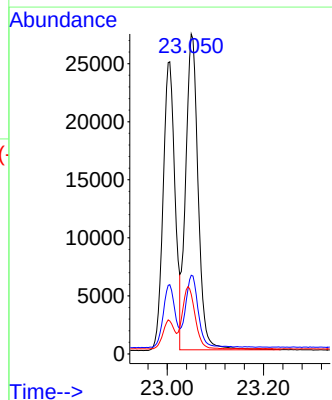
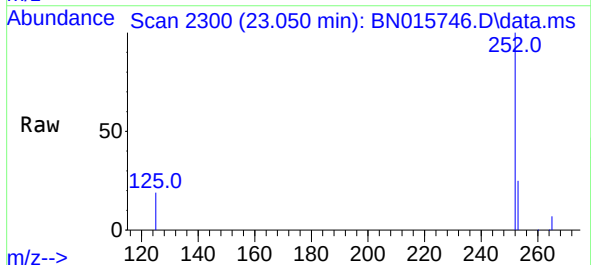
Manual Integrations
APPROVED

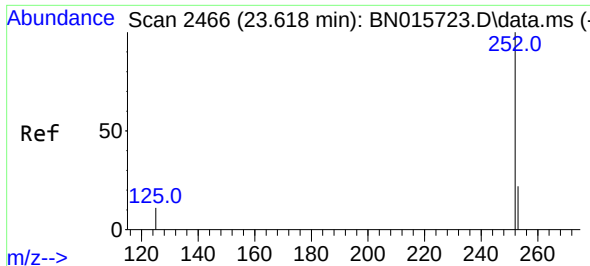
mohammad
8/2/2021 3:48:59 PM



#38
Benzo(k)fluoranthene
Concen: 0.095 ng m
RT: 23.050 min Scan# 2300
Delta R.T. -0.007 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:252 Resp: 48816
Ion Ratio Lower Upper
252 100
253 24.6 18.1 27.1
125 18.6 10.4 15.6#





#39

Benzo(a)pyrene

Concen: 0.084 ng

RT: 23.608 min Scan# 2463

Delta R.T. -0.010 min

Lab File: BN015746.D

Acq: 31 Jul 2021 22:56

Tgt Ion:	252	Resp:	36730
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.1	27.1
125	13.2	9.2	13.8

Instrument :

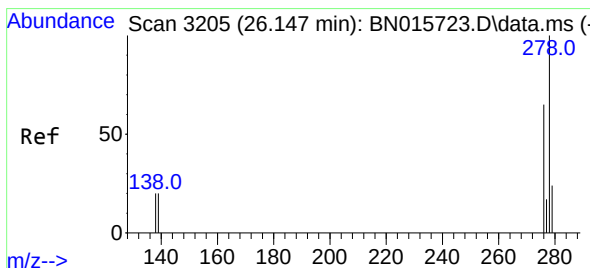
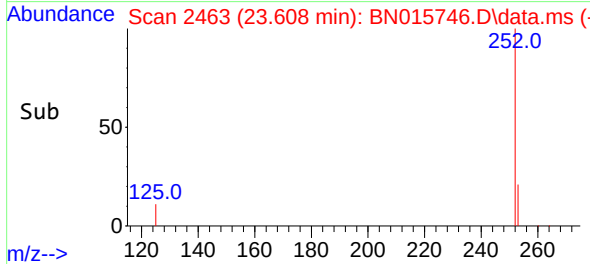
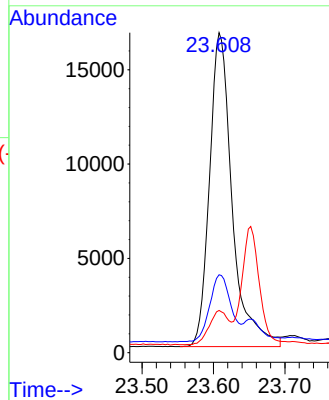
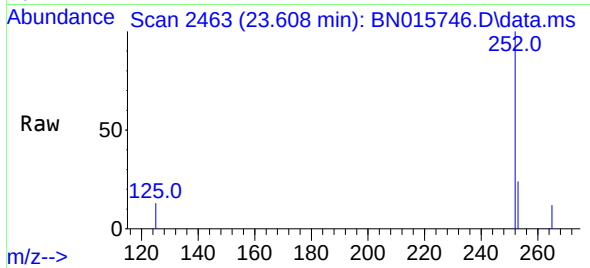
BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:59 PM



#40

Dibenzo(a,h)anthracene

Concen: 0.088 ng

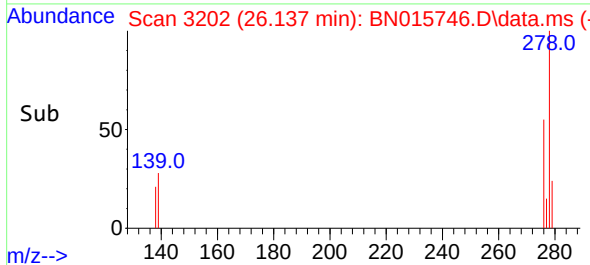
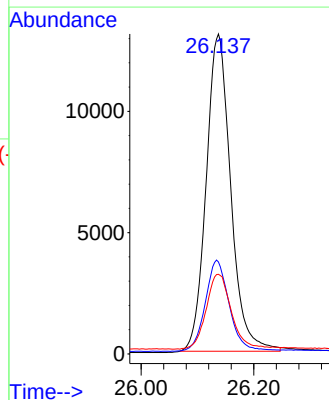
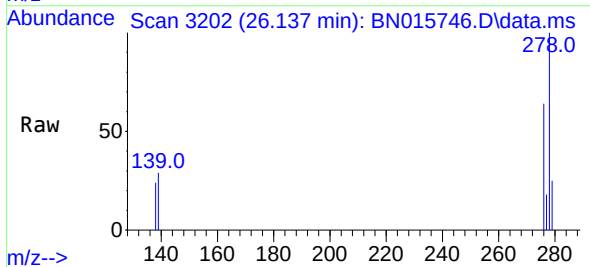
RT: 26.137 min Scan# 3202

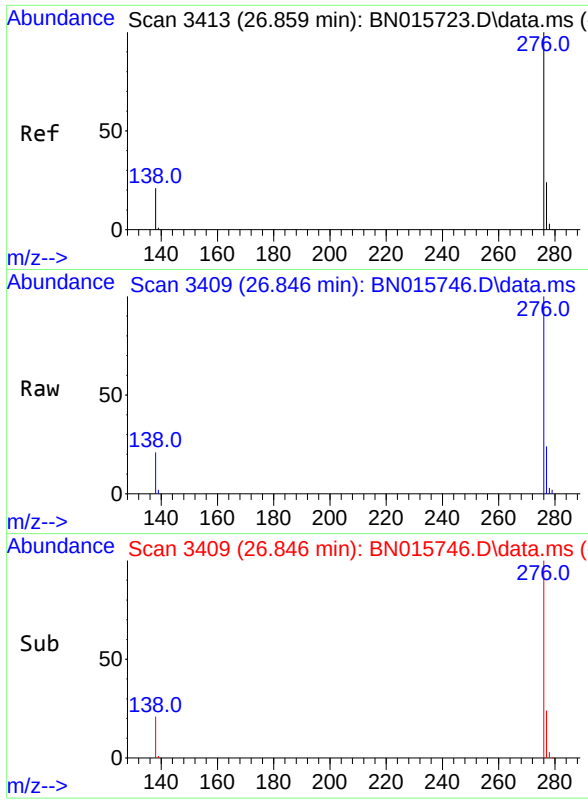
Delta R.T. -0.010 min

Lab File: BN015746.D

Acq: 31 Jul 2021 22:56

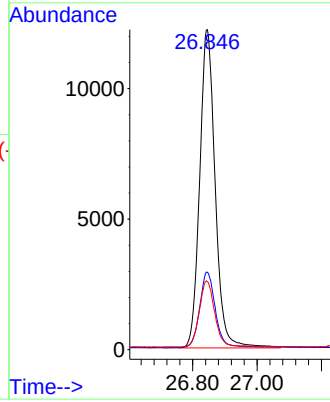
Tgt Ion:	278	Resp:	39608
Ion Ratio	Lower	Upper	
278	100		
139	28.8	16.0	24.0#
279	24.9	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.088 ng
RT: 26.846 min Scan# 3409
Delta R.T. -0.013 min
Lab File: BN015746.D
Acq: 31 Jul 2021 22:56

Tgt Ion:	276	Resp:	40811
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.2	28.8
138	21.3	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:59 PM