

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
 Data File : BN015735.D
 Acq On : 31 Jul 2021 15:02
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:48:40 PM

Quant Time: Aug 02 04:27:26 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	36372	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	163508	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	87279	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	170275	0.400	ng	0.00
29) Chrysene-d12	21.376	240	158114	0.400	ng	# 0.00
35) Perylene-d12	23.717	264	166068	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	28580	0.293	ng	0.00
5) Phenol-d6	6.951	99	32932	0.279	ng	0.00
8) Nitrobenzene-d5	8.936	82	29810	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	98814	0.401	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	8569	0.227	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	107267	0.321	ng	-0.01
27) Fluoranthene-d10	19.207	212	169806	0.378	ng	0.00
31) Terphenyl-d14	19.817	244	119990	0.312	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	1099	0.088	ng	# 76
3) n-Nitrosodimethylamine	3.742	42	1614	0.067	ng	# 96
6) bis(2-Chloroethyl)ether	7.218	93	10012	0.104	ng	99
9) Naphthalene	10.622	128	42013	0.099	ng	100
10) Hexachlorobutadiene	10.913	225	7253	0.097	ng	# 100
12) 2-Methylnaphthalene	12.238	142	27455	0.099	ng	100
16) Acenaphthylene	14.129	152	30564	0.080	ng	100
17) Acenaphthene	14.484	154	22417	0.090	ng	99
18) Fluorene	15.474	166	27013	0.089	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	432	0.033	ng	# 51
21) 4-Bromophenyl-phenylether	16.360	248	8573	0.086	ng	# 70
22) Hexachlorobenzene	16.482	284	10249	0.093	ng	99
23) Atrazine	16.640	200	7177	0.095	ng	98
24) Pentachlorophenol	16.823	266	3122	0.076	ng	99
25) Phenanthrene	17.212	178	44361	0.091	ng	96
26) Anthracene	17.297	178	36549	0.083	ng	100
28) Fluoranthene	19.237	202	47322	0.091	ng	100
30) Pyrene	19.604	202	45232	0.086	ng	100
32) Benzo(a)anthracene	21.355	228	40434	0.080	ng	100
33) Chrysene	21.408	228	44940	0.088	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	13995	0.052	ng	100
36) Indeno(1,2,3-cd)pyrene	26.120	276	52060	0.087	ng	95
37) Benzo(b)fluoranthene	23.009	252	45981	0.086	ng	98
38) Benzo(k)fluoranthene	23.056	252	52610m	0.091	ng	
39) Benzo(a)pyrene	23.614	252	40432	0.083	ng	96
40) Dibenzo(a,h)anthracene	26.140	278	44448	0.088	ng	# 82
41) Benzo(g,h,i)perylene	26.852	276	44539	0.086	ng	99

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

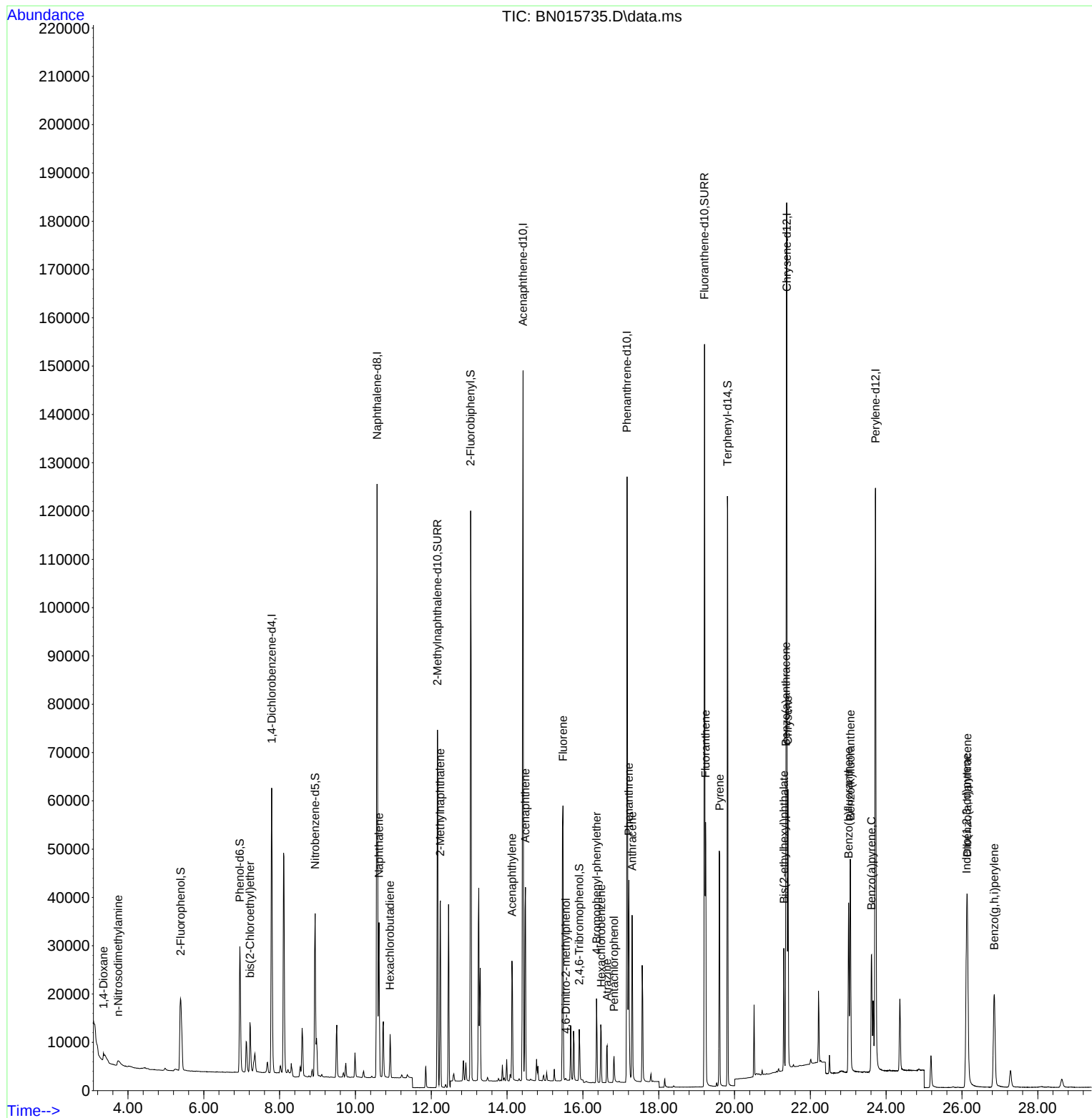
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
 Data File : BN015735.D
 Acq On : 31 Jul 2021 15:02
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-0.1ng
 ALS Vial : 6 Sample Multiplier: 1

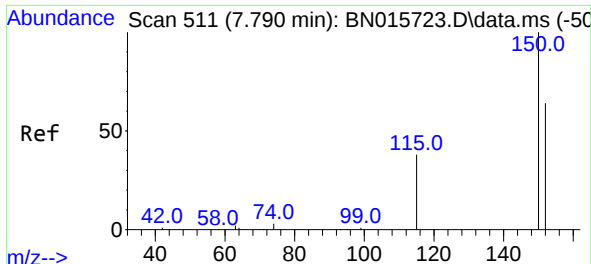
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
 APPROVED

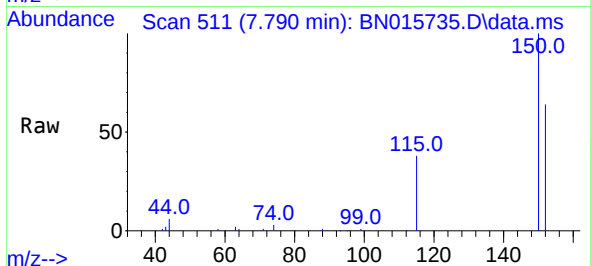
mohammad
 8/2/2021 3:48:40 PM

Quant Time: Aug 02 04:27:26 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

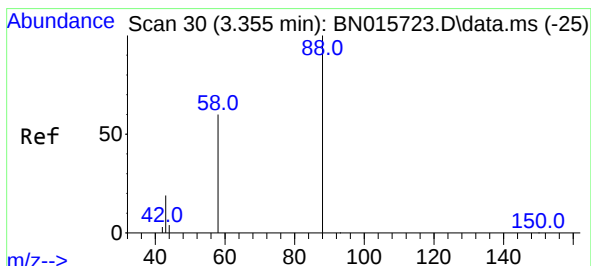
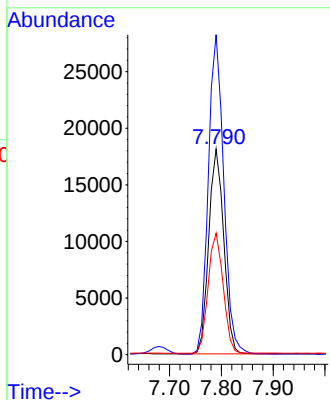
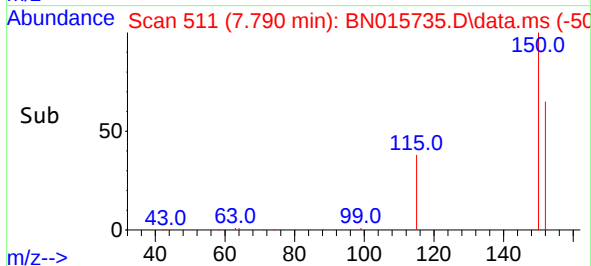




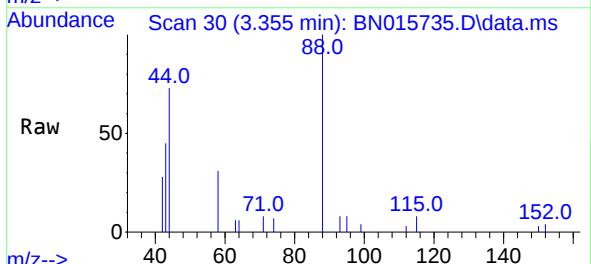
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



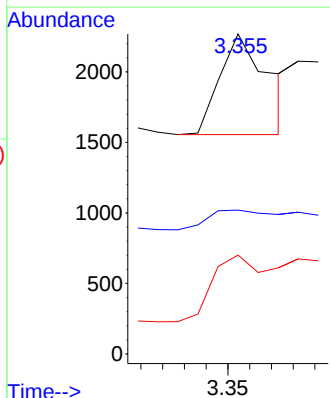
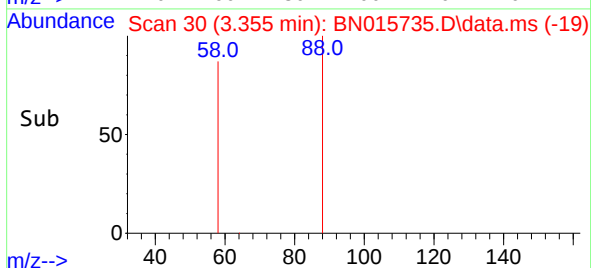
Tgt Ion: 152 Resp: 36372
Ion Ratio Lower Upper
152 100
150 155.6 123.9 185.9
115 59.1 47.8 71.6



#2
1,4-Dioxane
Concen: 0.088 ng
RT: 3.355 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



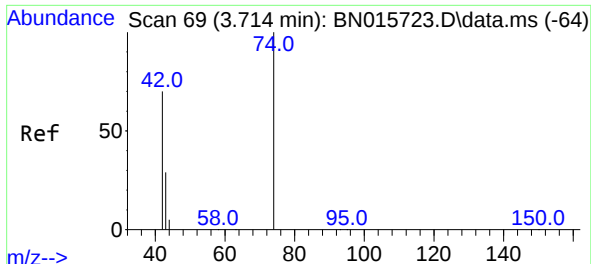
Tgt Ion: 88 Resp: 1099
Ion Ratio Lower Upper
88 100
43 47.3 17.2 25.8#
58 64.0 62.2 93.2



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:40 PM



#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.742 min Scan# 72
Delta R.T. 0.028 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

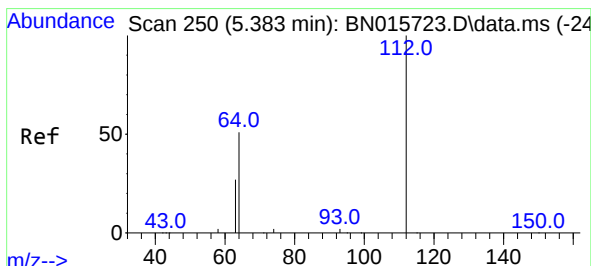
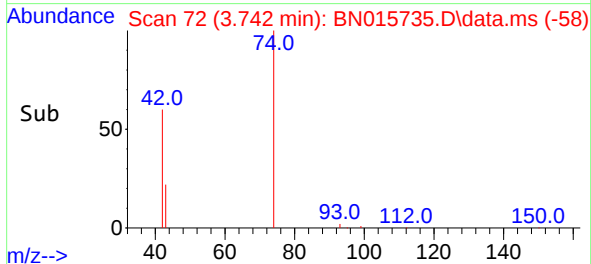
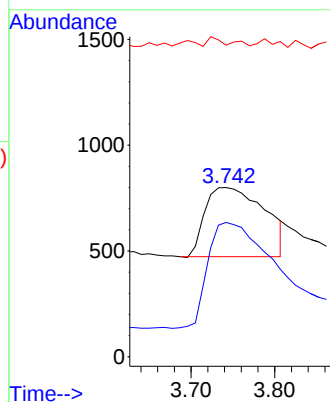
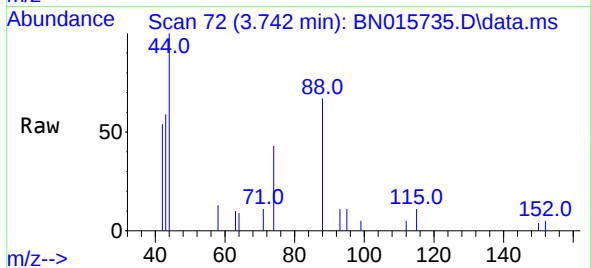
Tgt Ion: 42 Resp: 1614

Ion	Ratio	Lower	Upper
42	100		
74	149.9	116.6	174.8
44	2.9	6.6	10.0#

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

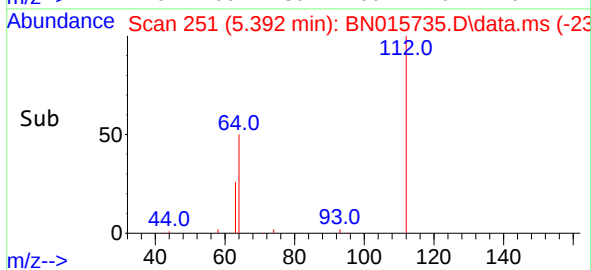
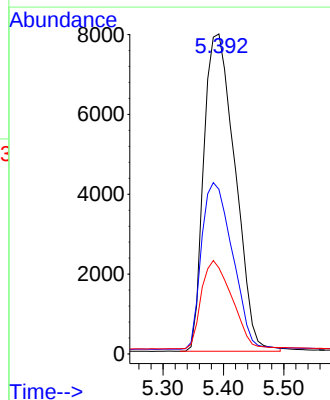
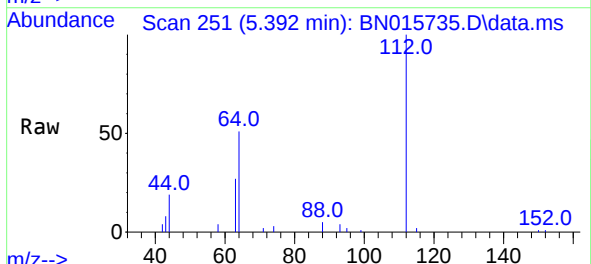
mohammad
8/2/2021 3:48:40 PM

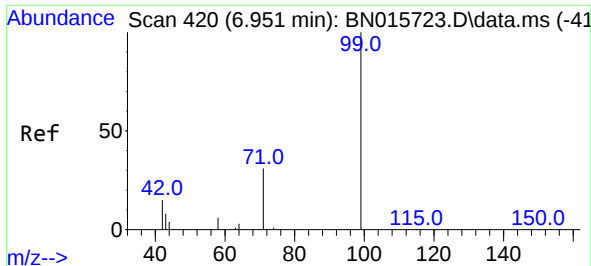


#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.392 min Scan# 251
Delta R.T. 0.009 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion: 112 Resp: 28580

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.1	63.1
63	27.3	21.9	32.9





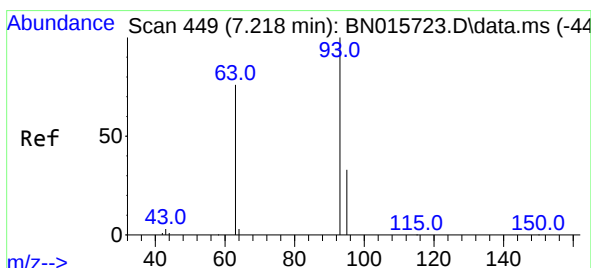
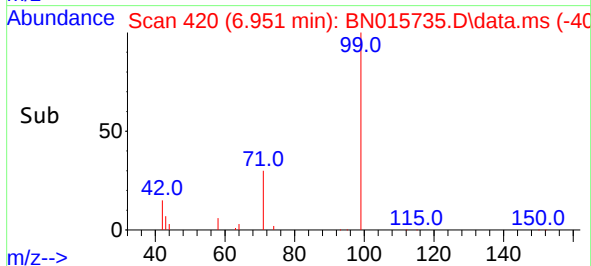
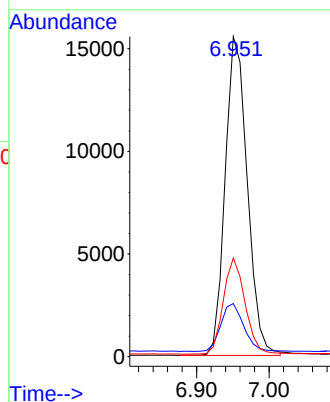
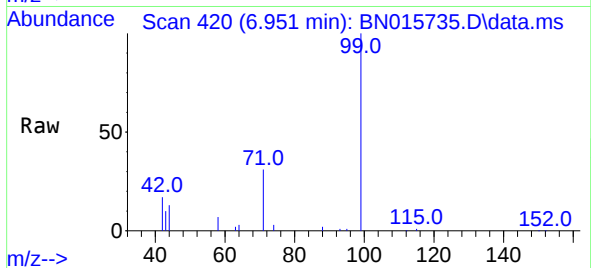
#5
Phenol-d6
Concen: 0.279 ng
RT: 6.951 min Scan# 420
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:	99	Resp:	32932
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.9	19.3
71	29.5	23.8	35.6

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

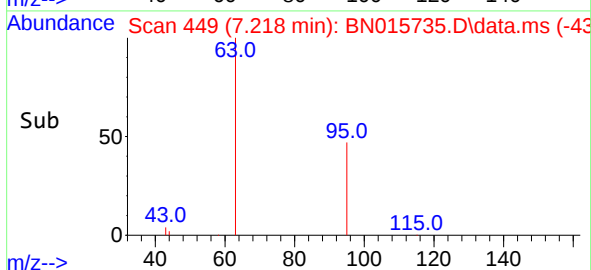
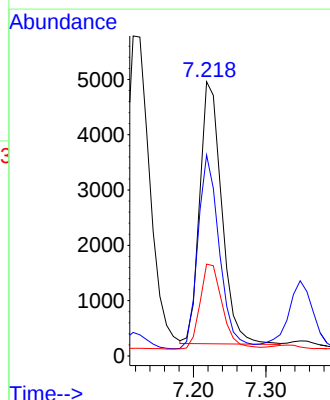
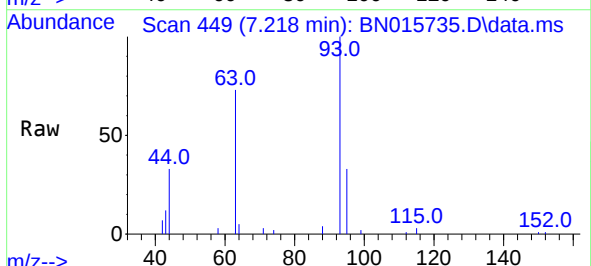
Manual Integrations
APPROVED

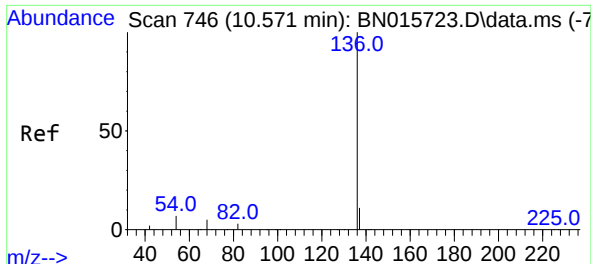
mohammad
8/2/2021 3:48:40 PM



#6
bis(2-Chloroethyl)ether
Concen: 0.104 ng
RT: 7.218 min Scan# 449
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

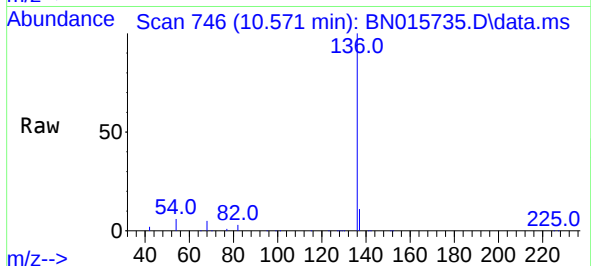
Tgt Ion:	93	Resp:	10012
Ion	Ratio	Lower	Upper
93	100		
63	72.0	58.6	87.8
95	33.1	26.9	40.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.571 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

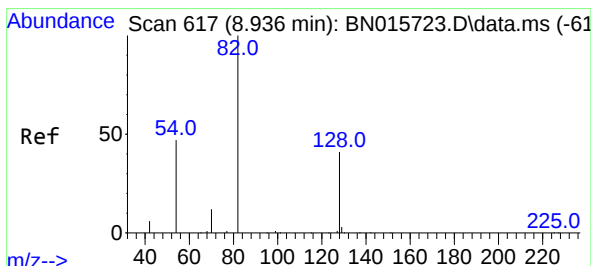
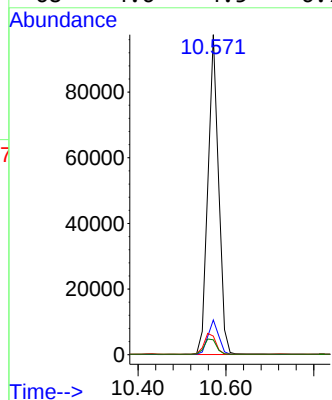
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021



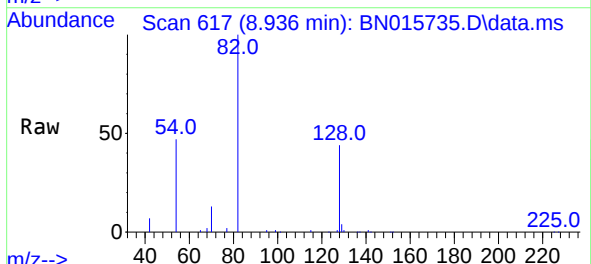
Tgt Ion:	136	Resp:	163508
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.8	5.5	8.3
68	4.6	4.5	6.7

Manual Integrations
APPROVED

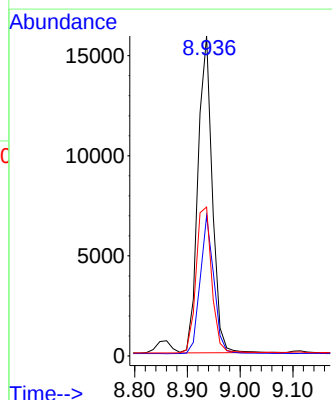
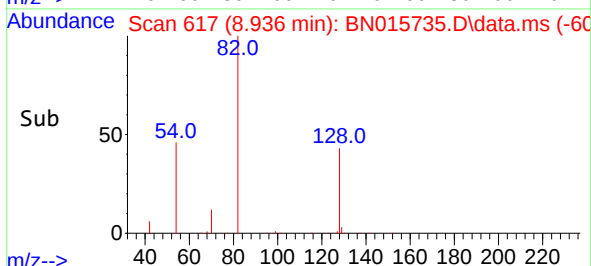
mohammad
8/2/2021 3:48:40 PM

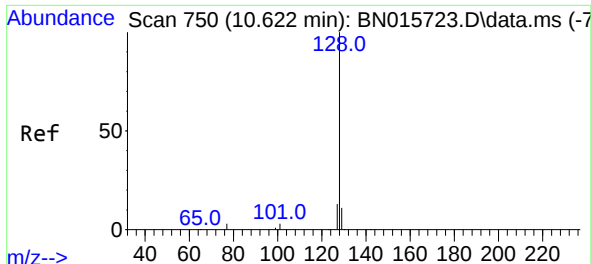


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.936 min Scan# 617
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



Tgt Ion:	82	Resp:	29810
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.2	49.8
54	46.5	38.4	57.6





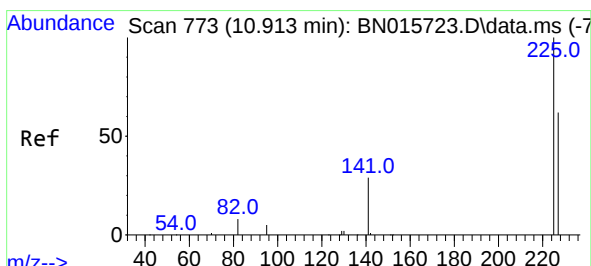
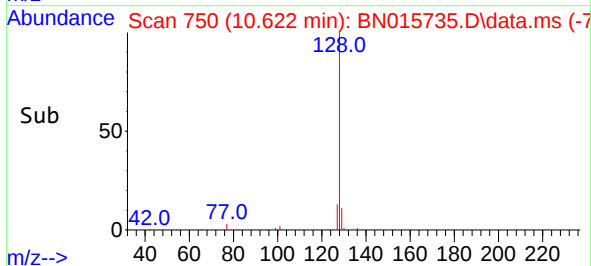
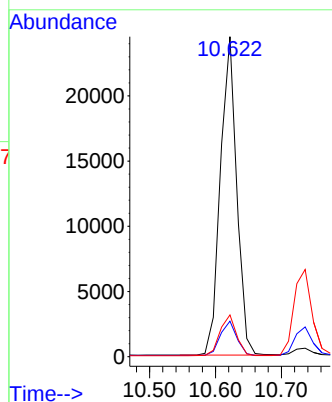
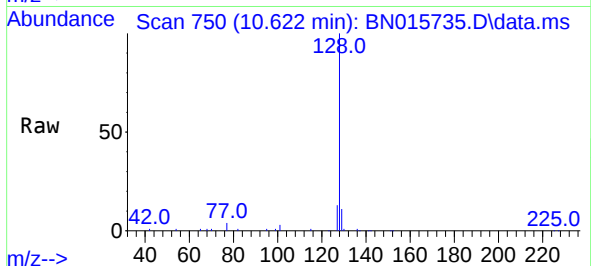
#9
Naphthalene
Concen: 0.099 ng
RT: 10.622 min Scan# 750
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:	128	Resp:	42013
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.4	15.6

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

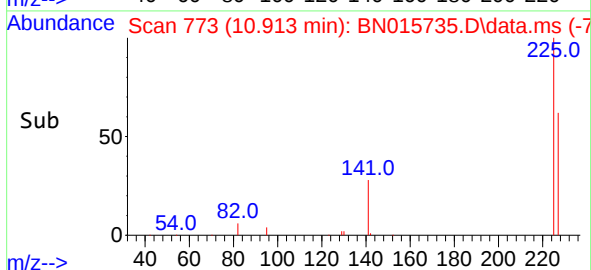
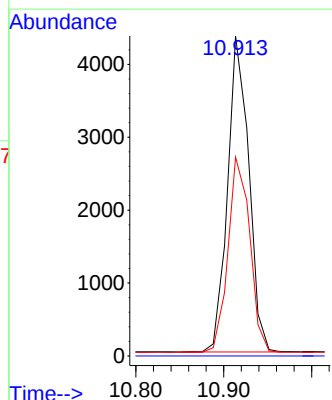
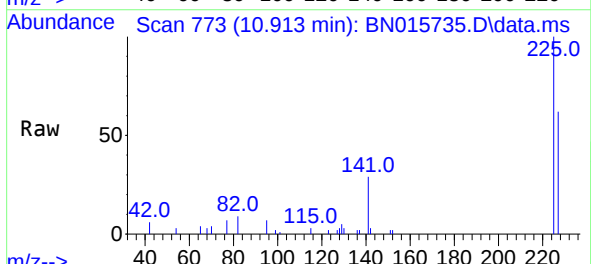
Manual Integrations
APPROVED

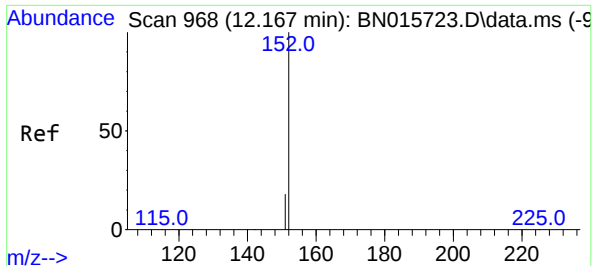
mohammad
8/2/2021 3:48:40 PM



#10
Hexachlorobutadiene
Concen: 0.097 ng
RT: 10.913 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:	225	Resp:	7253
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.0	76.4





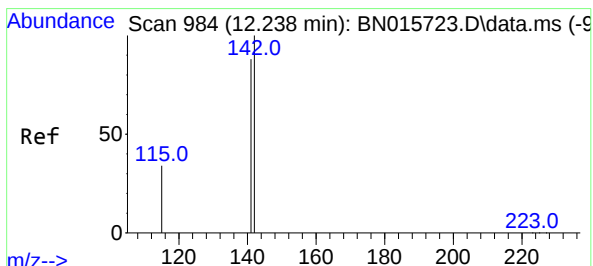
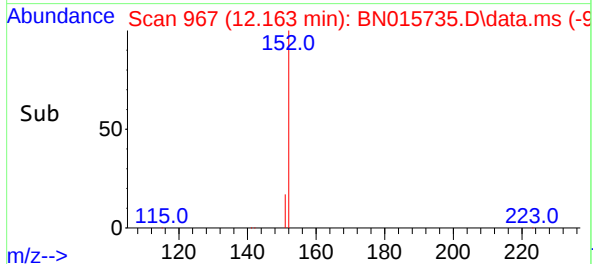
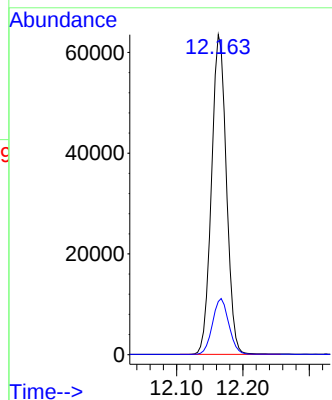
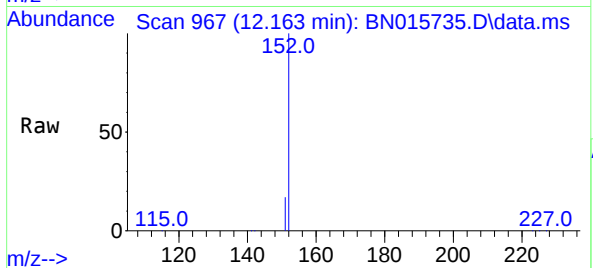
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.163 min Scan# 967
Delta R.T. -0.004 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:152 Resp: 98814
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

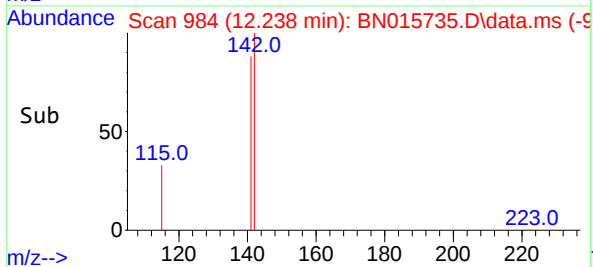
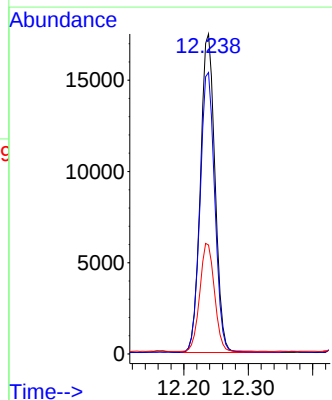
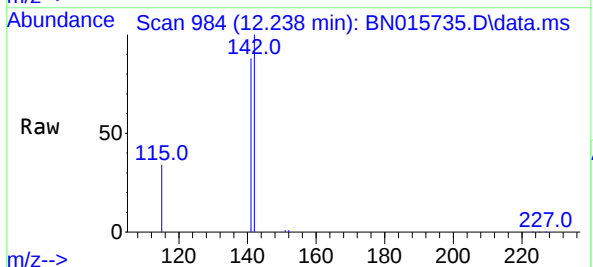
Manual Integrations
APPROVED

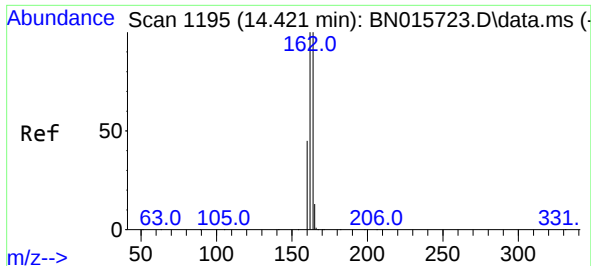
mohammad
8/2/2021 3:48:40 PM



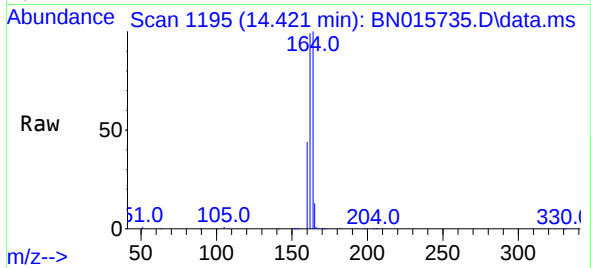
#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.238 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:142 Resp: 27455
Ion Ratio Lower Upper
142 100
141 88.0 70.5 105.7
115 34.0 27.3 40.9

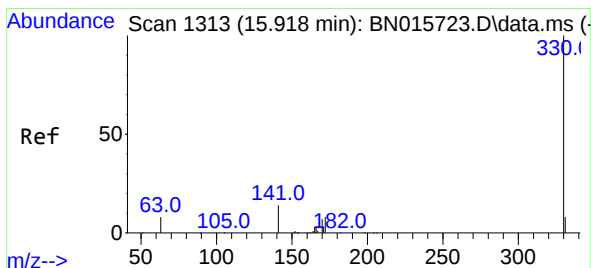
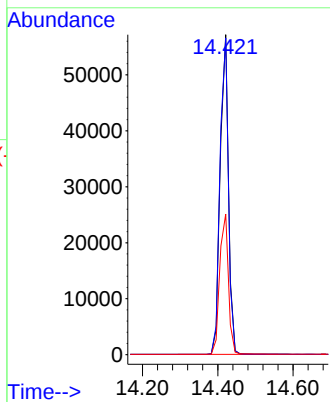
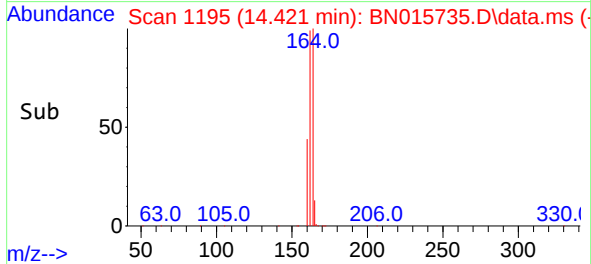




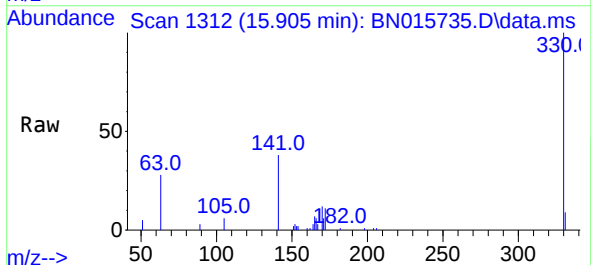
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.421 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



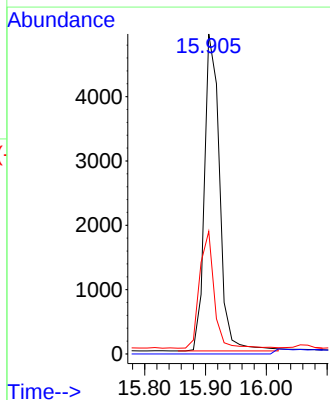
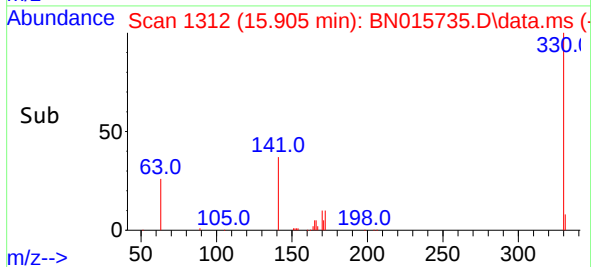
Tgt Ion:164 Resp: 87279
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.6
160 43.9 35.8 53.6



#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.905 min Scan# 1312
Delta R.T. -0.013 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



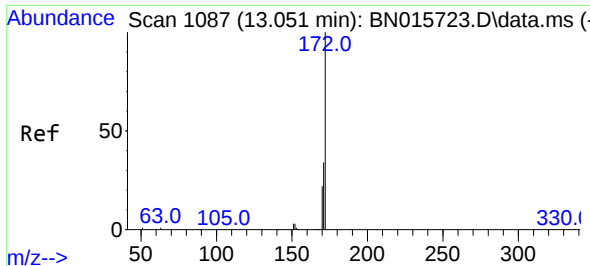
Tgt Ion:330 Resp: 8569
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.3 28.8 43.2



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:40 PM



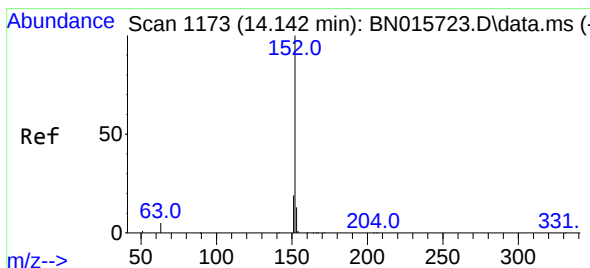
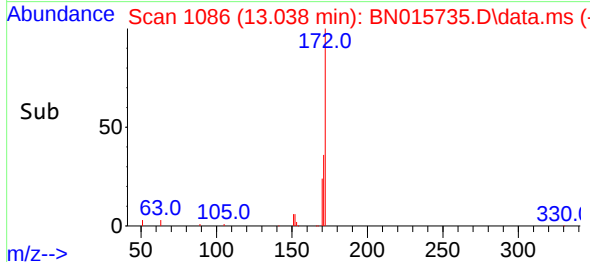
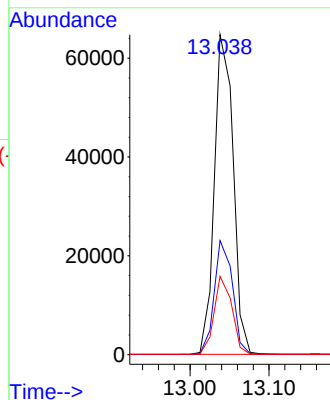
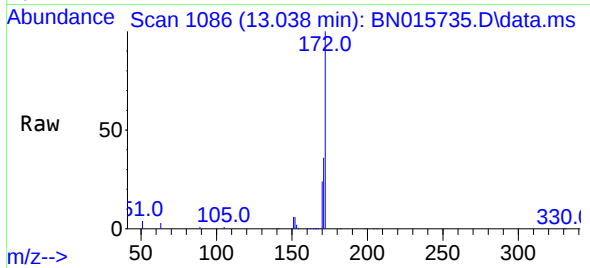
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.038 min Scan# 1086
Delta R.T. -0.013 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:172 Resp: 107267
Ion Ratio Lower Upper
172 100
171 35.6 26.9 40.3
170 24.4 17.4 26.0

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

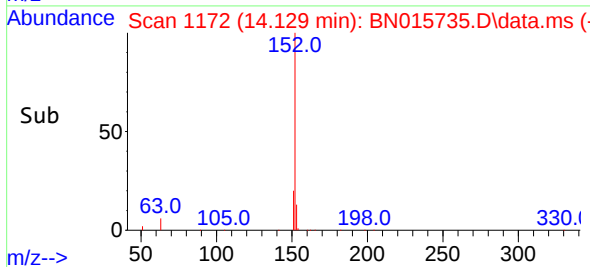
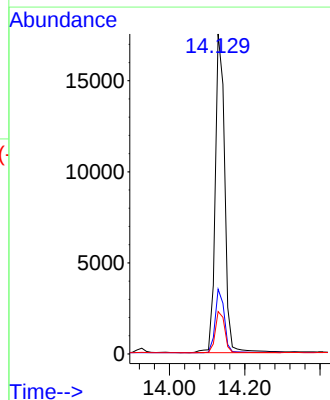
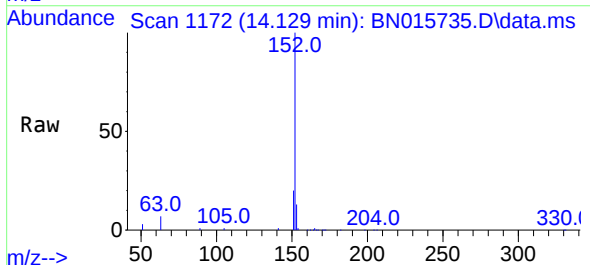
Manual Integrations
APPROVED

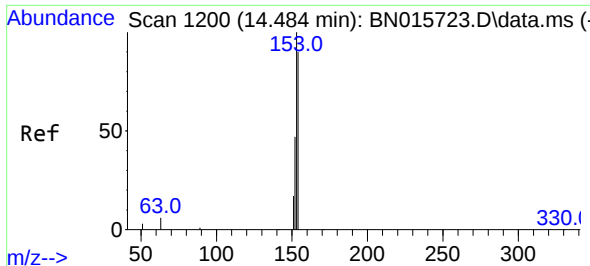
mohammad
8/2/2021 3:48:40 PM



#16
Acenaphthylene
Concen: 0.080 ng
RT: 14.129 min Scan# 1172
Delta R.T. -0.013 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

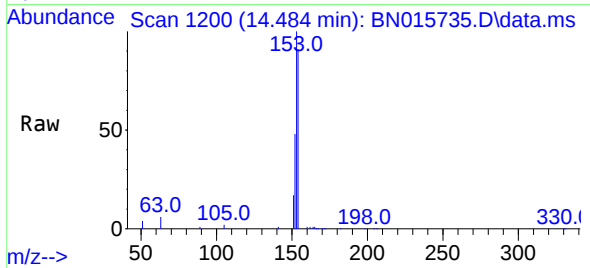
Tgt Ion:152 Resp: 30564
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.4 15.6





#17
Acenaphthene
Concen: 0.090 ng
RT: 14.484 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

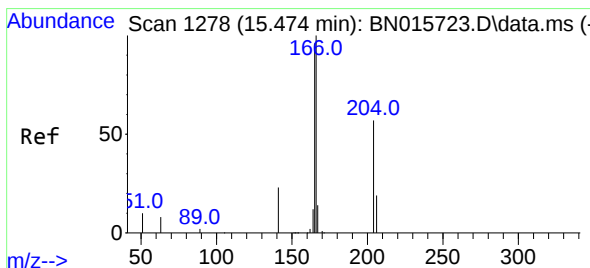
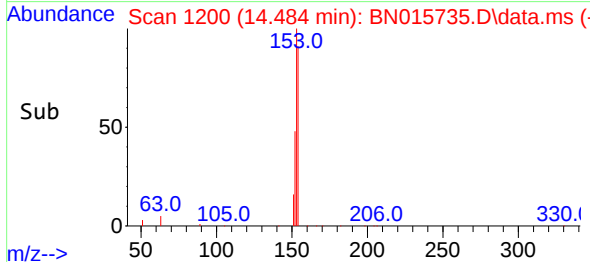
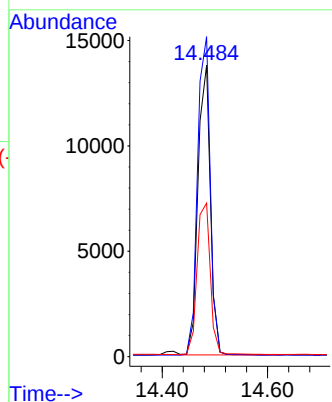
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:154 Resp: 22417
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 56.2 43.8 65.6

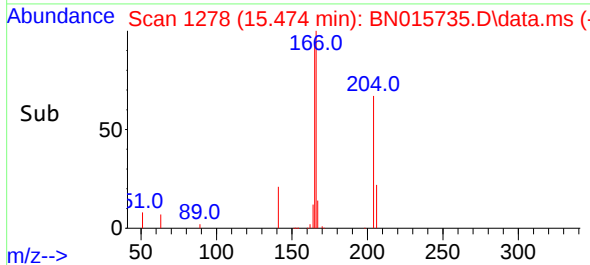
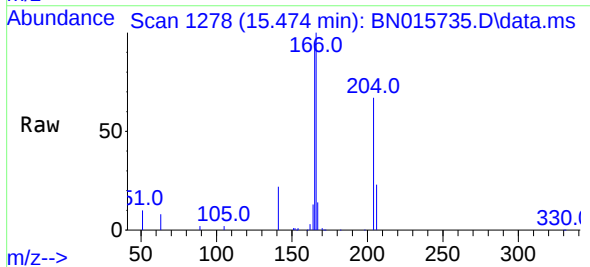
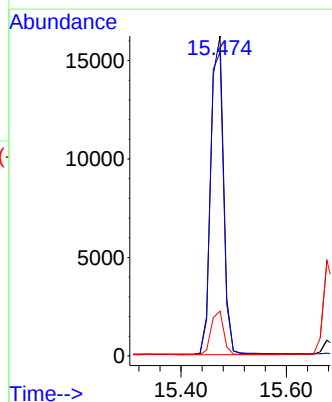
Manual Integrations
APPROVED

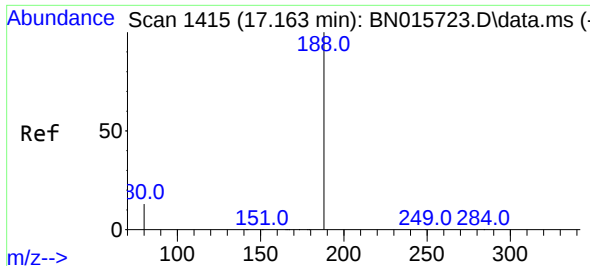
mohammad
8/2/2021 3:48:40 PM



#18
Fluorene
Concen: 0.089 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:166 Resp: 27013
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.4 10.8 16.2





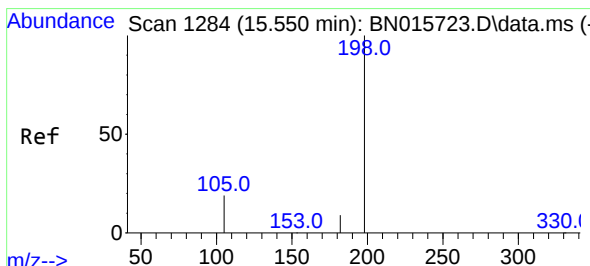
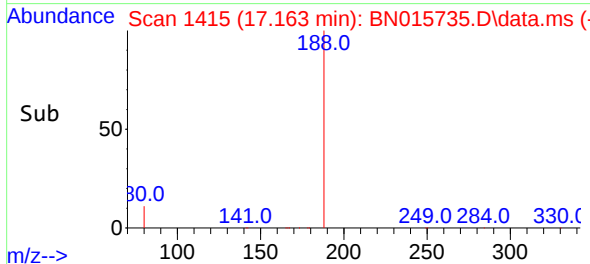
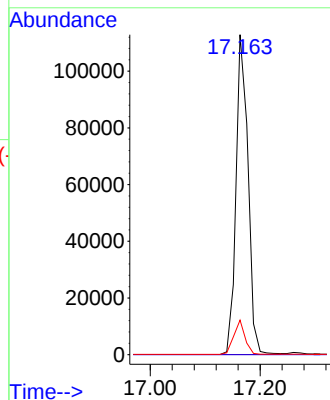
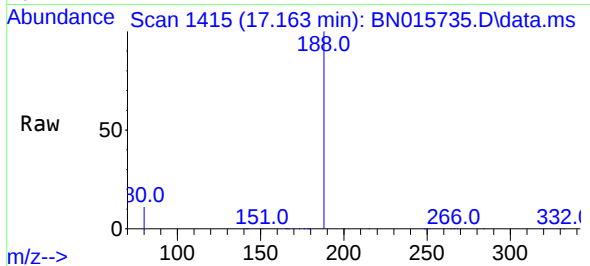
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.163 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:188 Resp: 170275
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 10.2 15.4

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

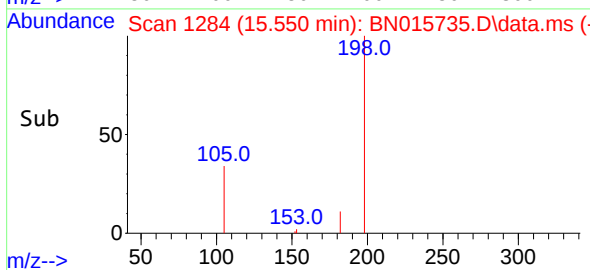
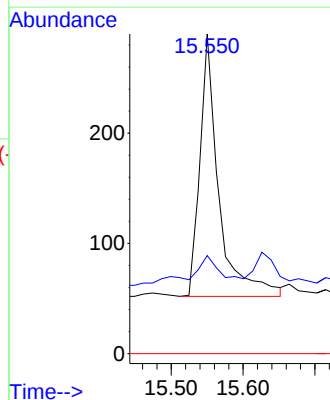
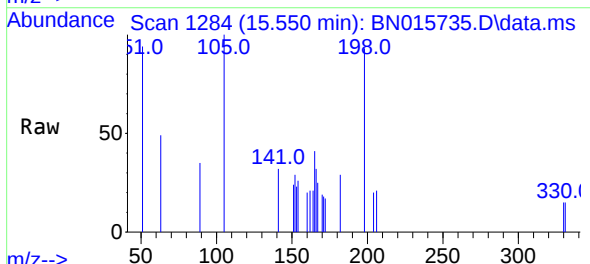
Manual Integrations
APPROVED

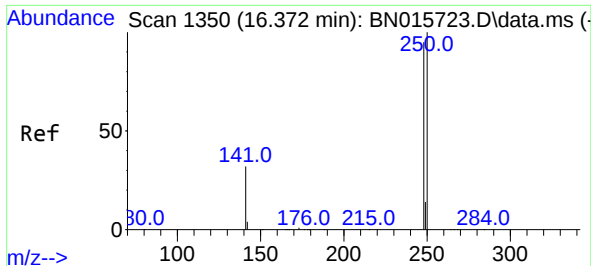
mohammad
8/2/2021 3:48:40 PM



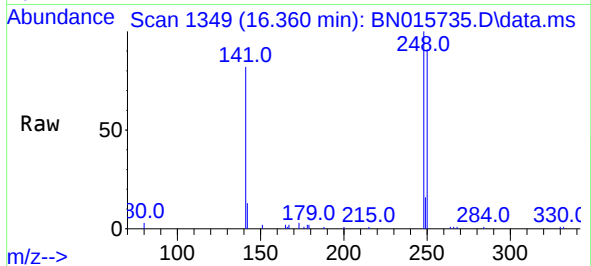
#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 15.550 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:198 Resp: 432
Ion Ratio Lower Upper
198 100
182 30.7 9.4 14.0#
77 0.0 0.0 0.0

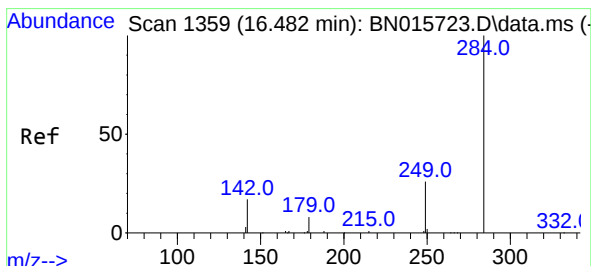
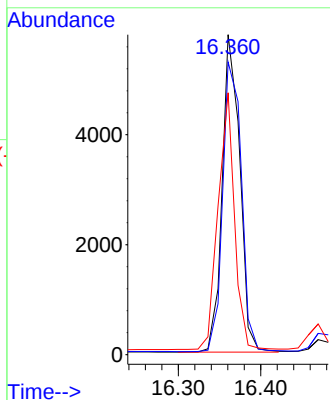
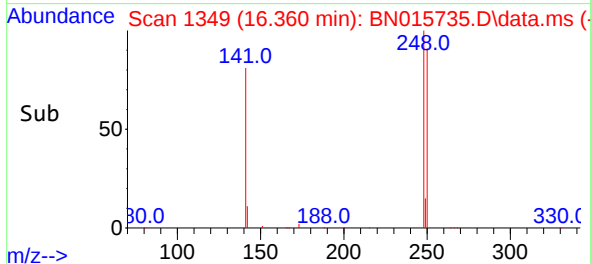




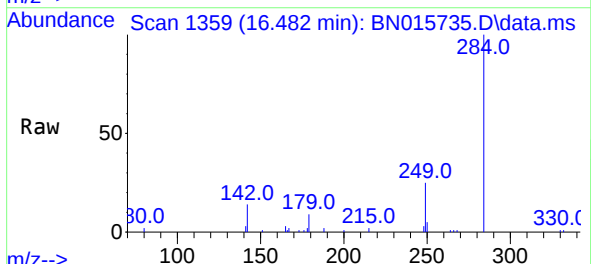
#21
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 16.360 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



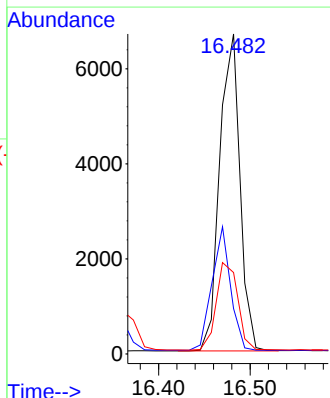
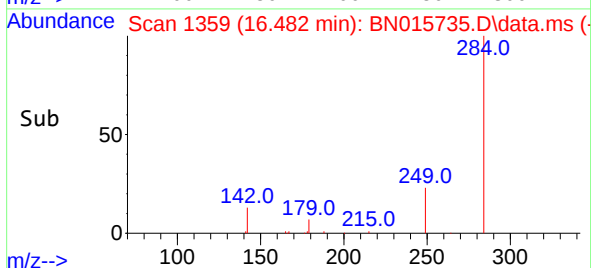
Tgt Ion:248 Resp: 8573
Ion Ratio Lower Upper
248 100
250 91.4 83.9 125.9
141 81.9 26.9 40.3#



#22
Hexachlorobenzene
Concen: 0.093 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



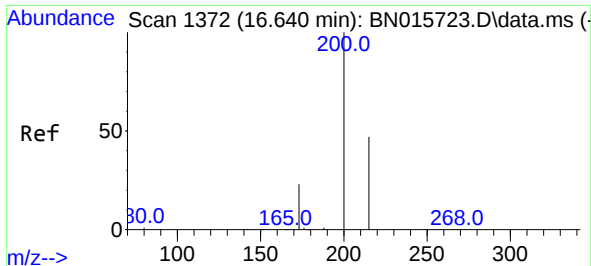
Tgt Ion:284 Resp: 10249
Ion Ratio Lower Upper
284 100
142 35.6 29.4 44.0
249 29.4 23.8 35.6



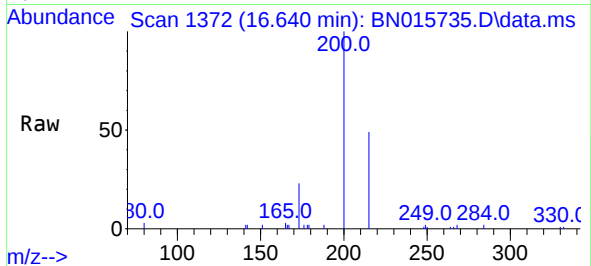
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

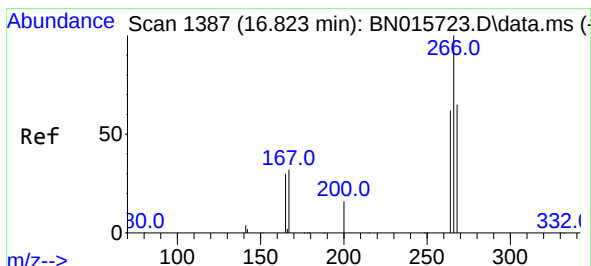
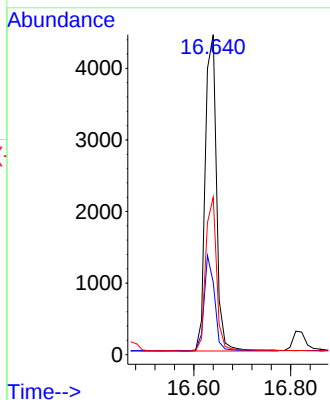
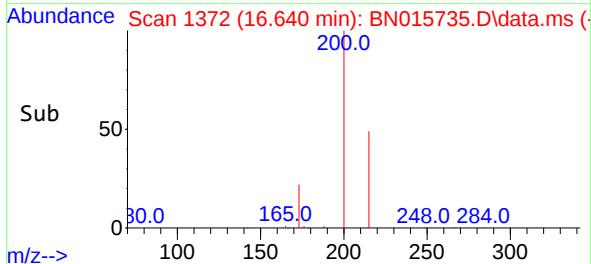
mohammad
8/2/2021 3:48:40 PM



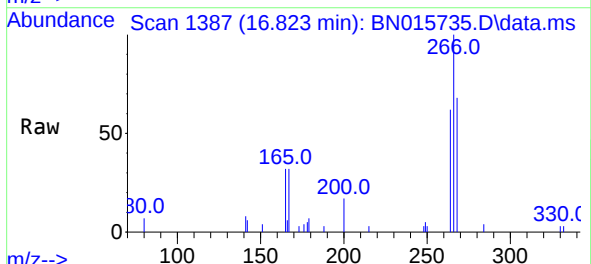
#23
Atrazine
Concen: 0.095 ng
RT: 16.640 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



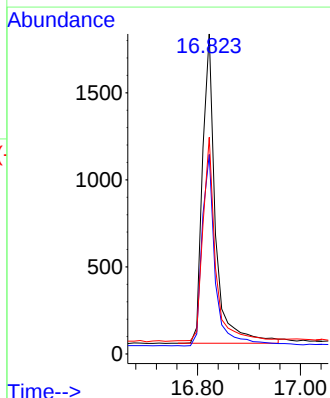
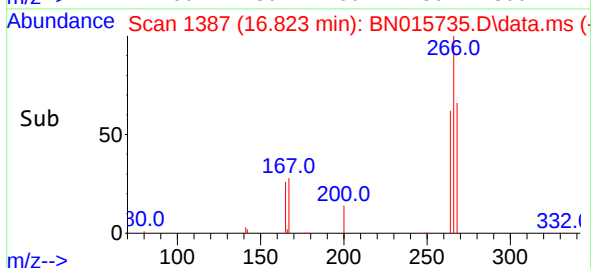
Tgt Ion: 200 Resp: 7177
Ion Ratio Lower Upper
200 100
173 22.6 18.9 28.3
215 49.2 38.1 57.1



#24
Pentachlorophenol
Concen: 0.076 ng
RT: 16.823 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



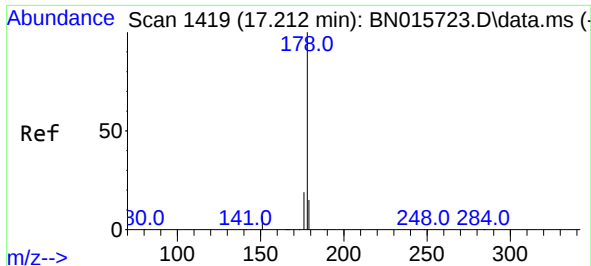
Tgt Ion: 266 Resp: 3122
Ion Ratio Lower Upper
266 100
264 63.5 50.2 75.2
268 63.1 51.1 76.7



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:40 PM



#25
Phenanthrene
Concen: 0.091 ng
RT: 17.212 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

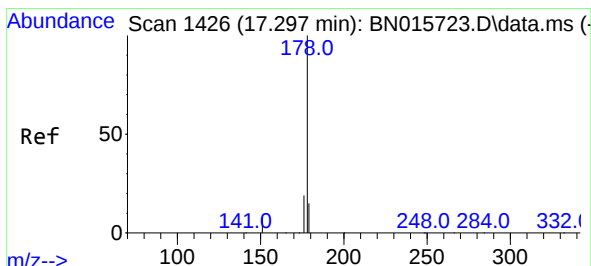
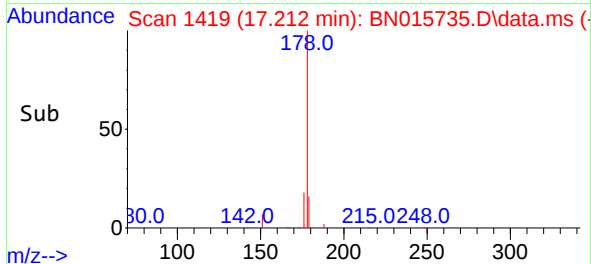
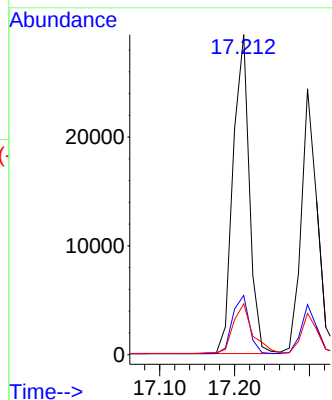
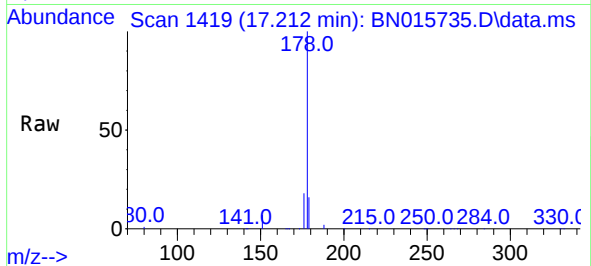
Tgt Ion:178 Resp: 44361

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	18.5	12.4	18.6

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

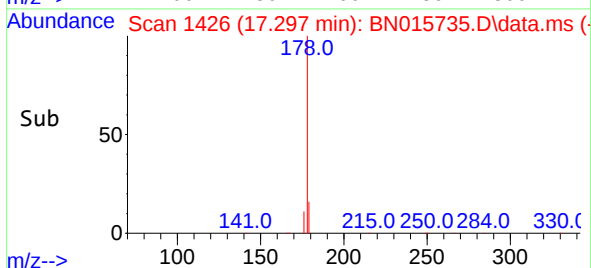
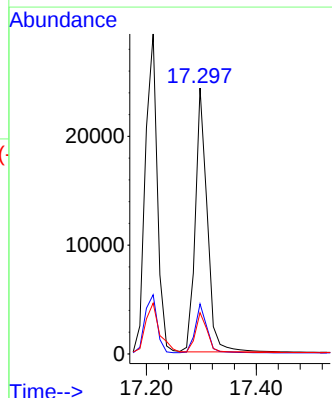
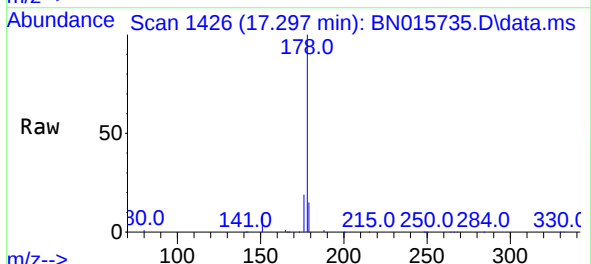
mohammad
8/2/2021 3:48:40 PM

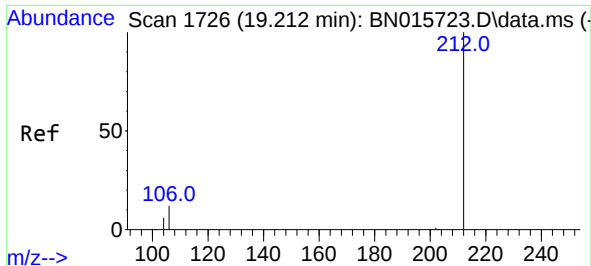


#26
Anthracene
Concen: 0.083 ng
RT: 17.297 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

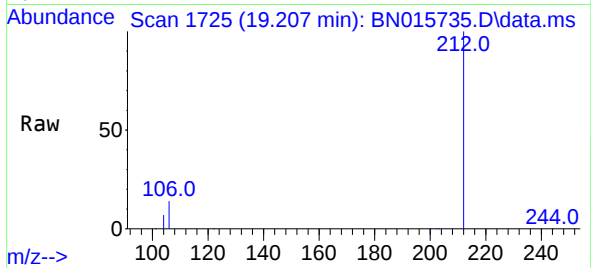
Tgt Ion:178 Resp: 36549

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.1	12.2	18.4

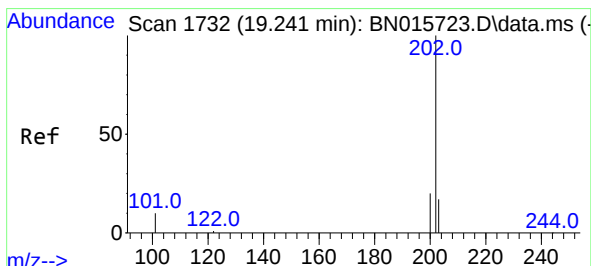
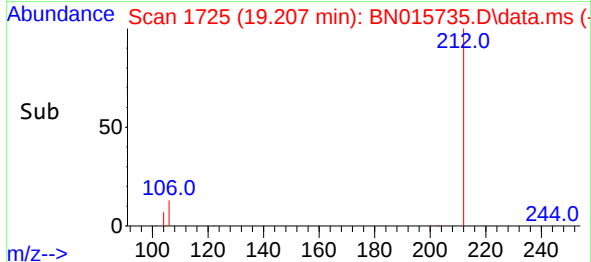
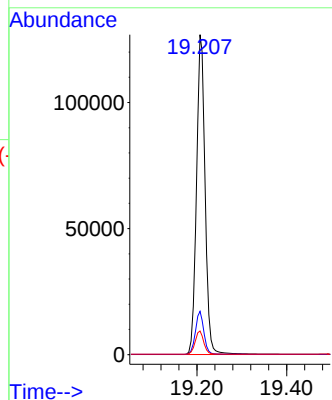




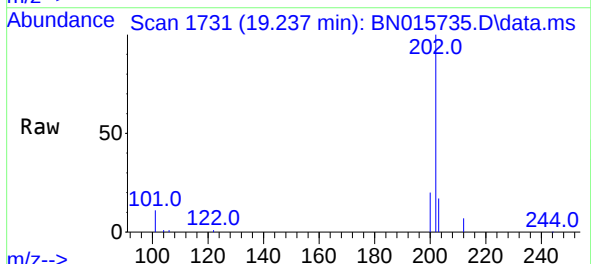
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.207 min Scan# 1725
Delta R.T. -0.005 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



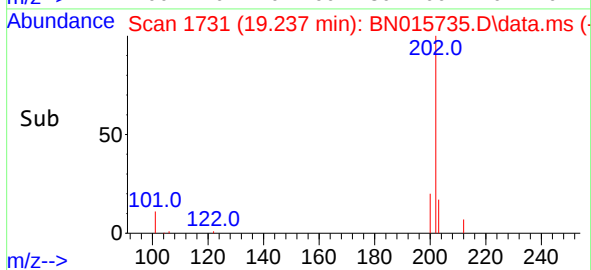
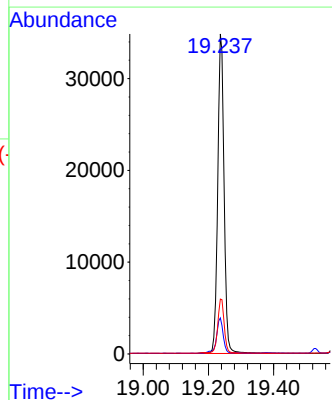
Tgt Ion:212 Resp: 169806
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.9 8.9



#28
Fluoranthene
Concen: 0.091 ng
RT: 19.237 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



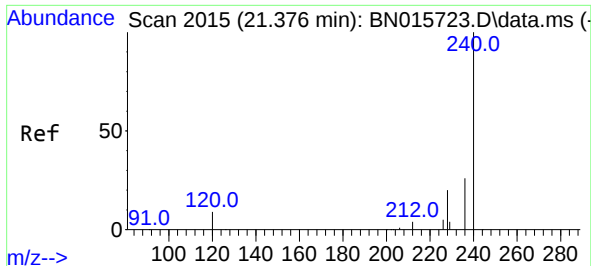
Tgt Ion:202 Resp: 47322
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.6
203 17.3 13.8 20.8



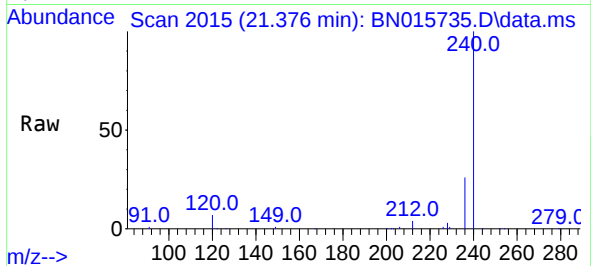
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

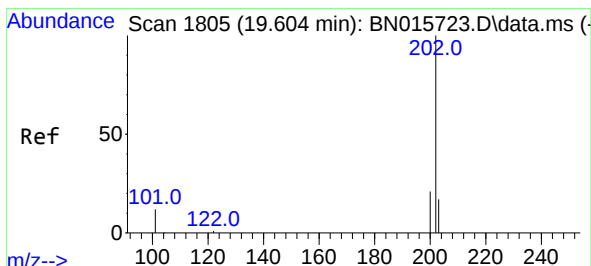
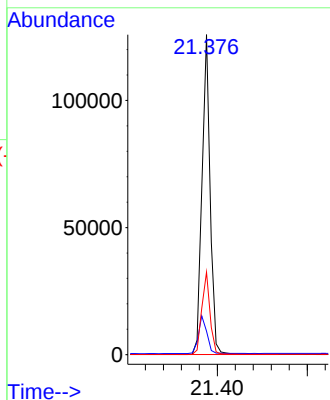
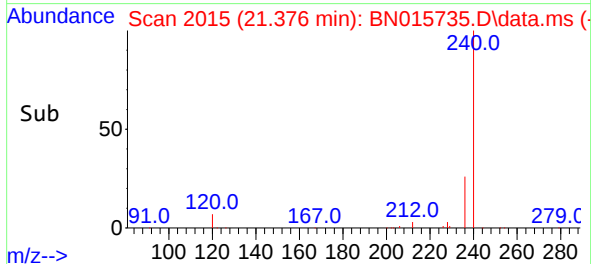
mohammad
8/2/2021 3:48:40 PM



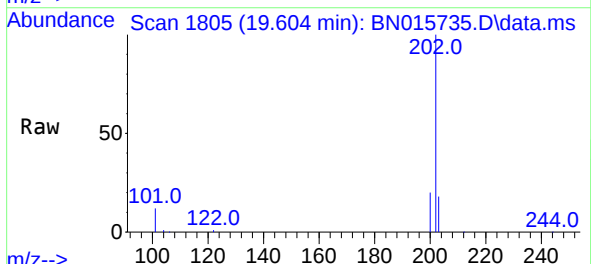
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



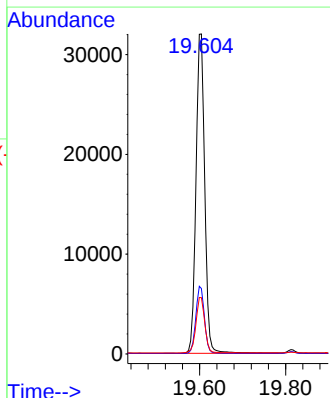
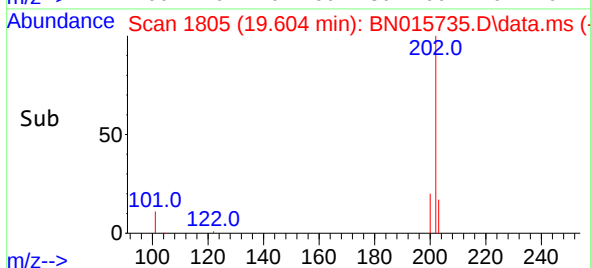
Tgt Ion:240 Resp: 158114
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 25.8 20.9 31.3



#30
Pyrene
Concen: 0.086 ng
RT: 19.604 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



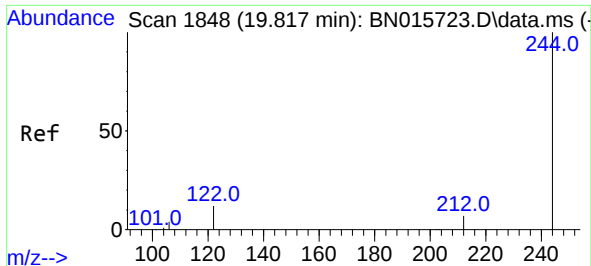
Tgt Ion:202 Resp: 45232
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.6 14.0 21.0



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

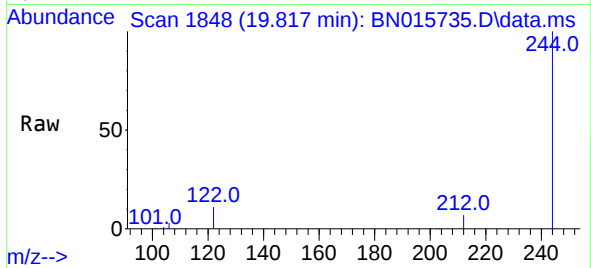
Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:40 PM



#31
Terphenyl-d14
Concen: 0.312 ng
RT: 19.817 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

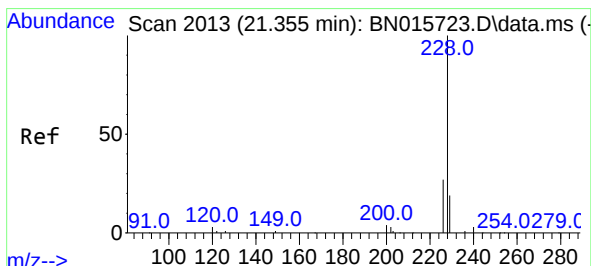
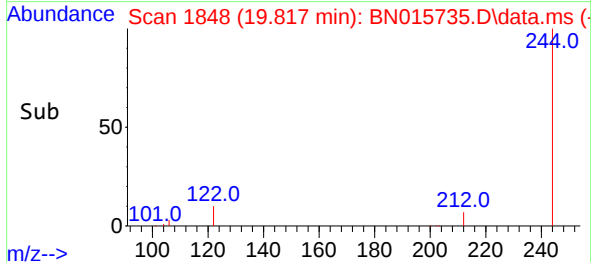
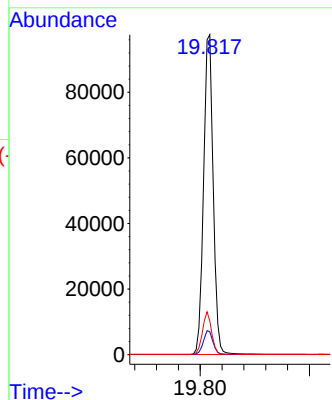
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:244 Resp: 119990
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.6 9.6 14.4

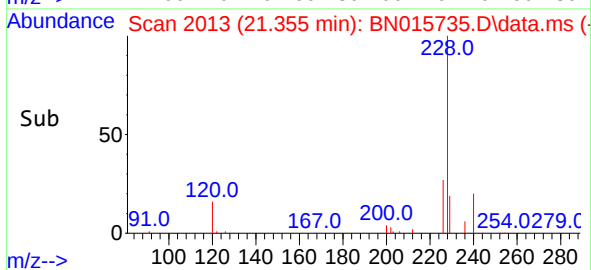
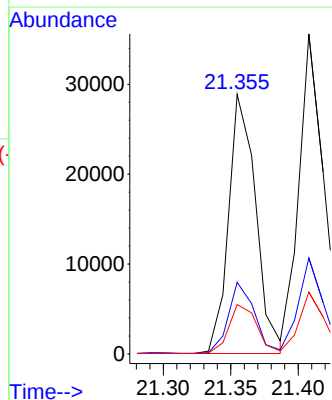
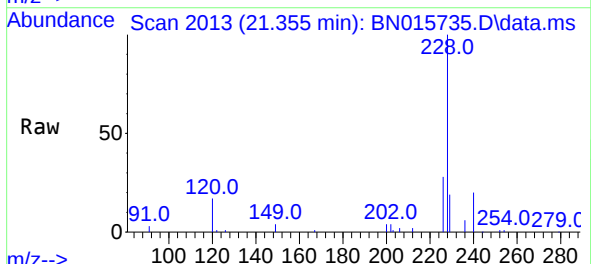
Manual Integrations
APPROVED

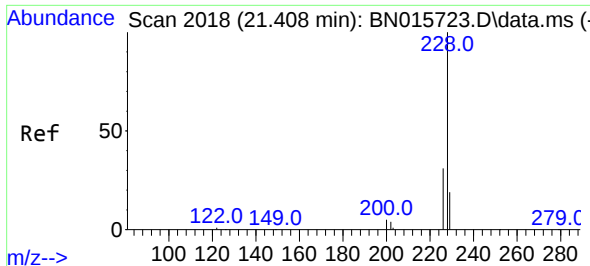
mohammad
8/2/2021 3:48:40 PM



#32
Benzo(a)anthracene
Concen: 0.080 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

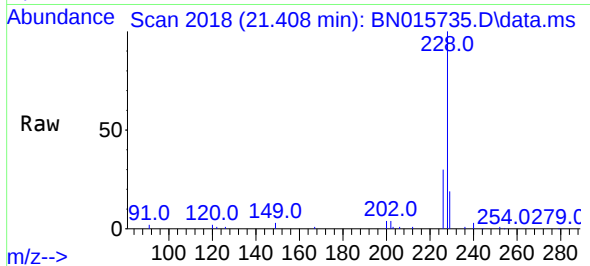
Tgt Ion:228 Resp: 40434
Ion Ratio Lower Upper
228 100
226 27.6 21.9 32.9
229 19.1 15.4 23.0





#33
Chrysene
Concen: 0.088 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

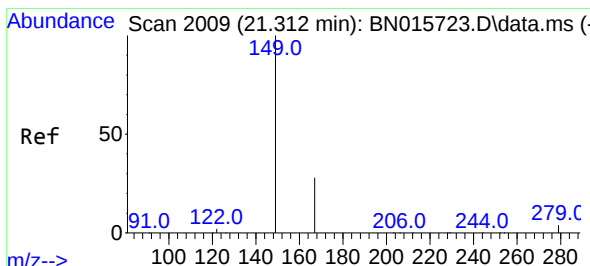
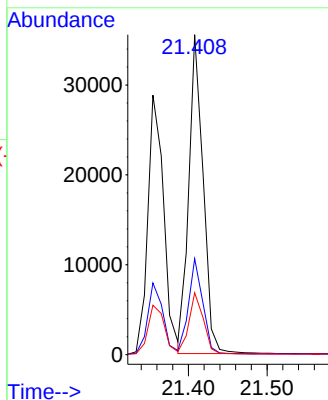
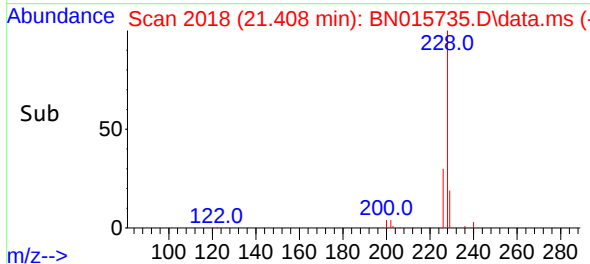
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021



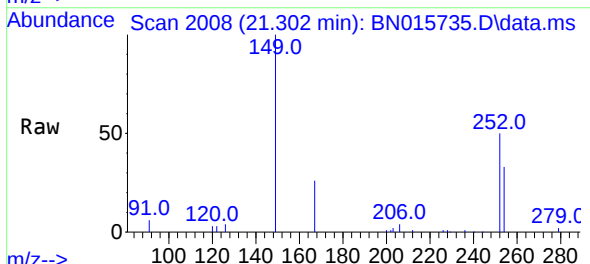
Tgt Ion:228 Resp: 44940
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.4 15.3 22.9

Manual Integrations
APPROVED

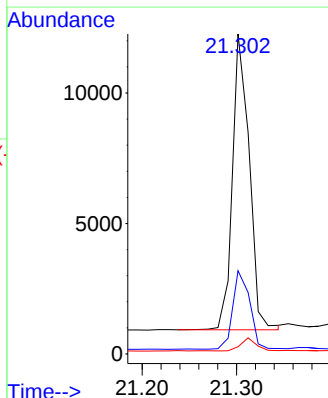
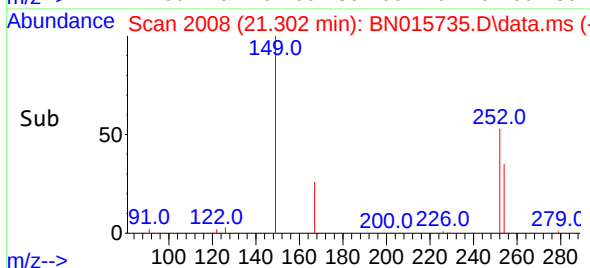
mohammad
8/2/2021 3:48:40 PM

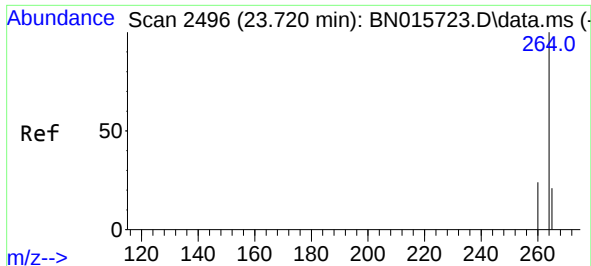


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.010 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



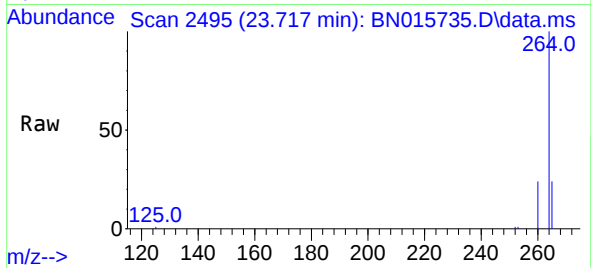
Tgt Ion:149 Resp: 13995
Ion Ratio Lower Upper
149 100
167 26.9 21.5 32.3
279 4.2 3.2 4.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.717 min Scan# 2495
Delta R.T. -0.003 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

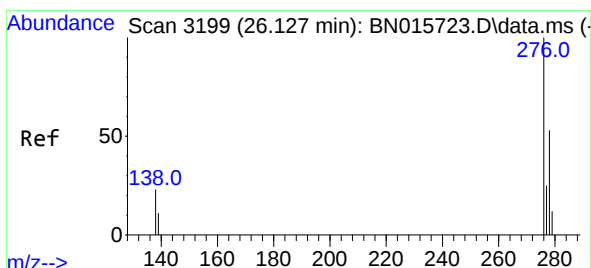
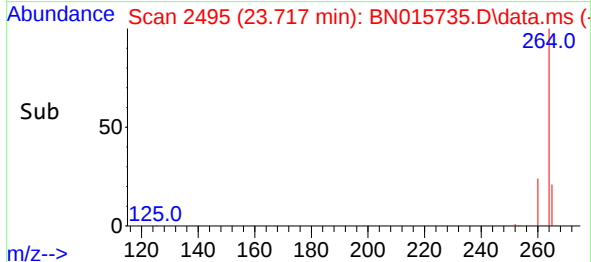
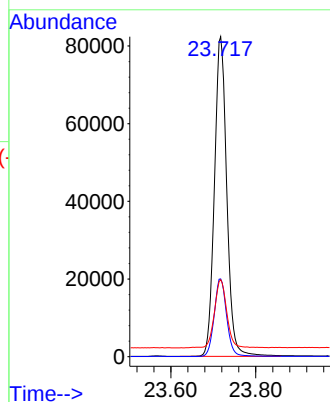
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:264 Resp: 166068
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 24.1 19.9 29.9

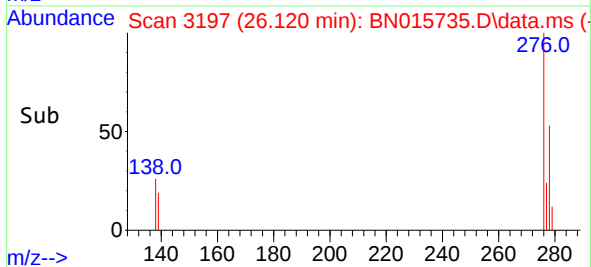
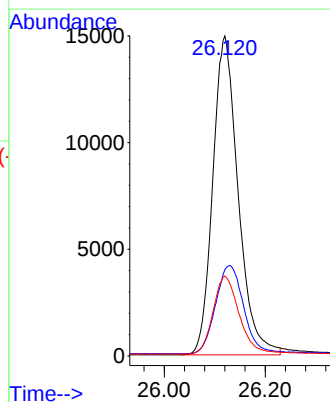
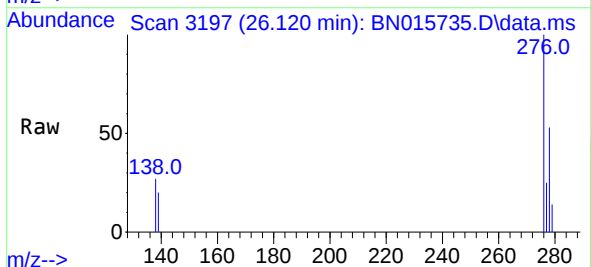
Manual Integrations
APPROVED

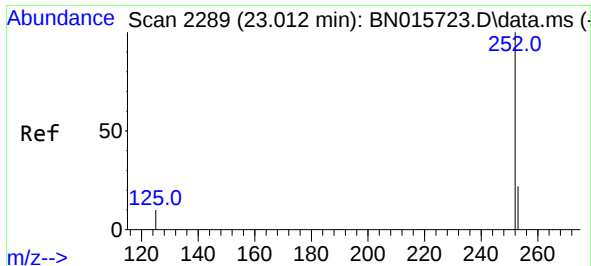
mohammad
8/2/2021 3:48:40 PM



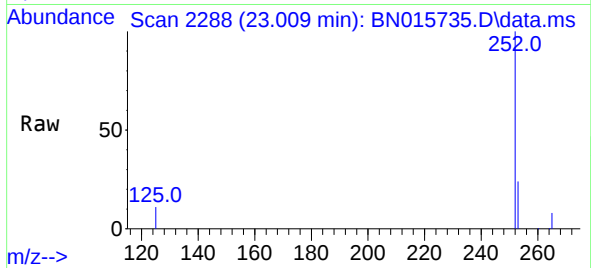
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 26.120 min Scan# 3197
Delta R.T. -0.007 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:276 Resp: 52060
Ion Ratio Lower Upper
276 100
138 30.7 20.6 30.8
277 25.1 20.1 30.1

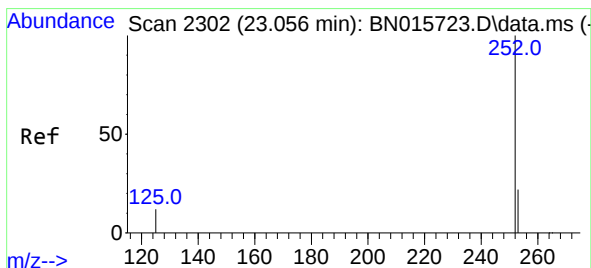
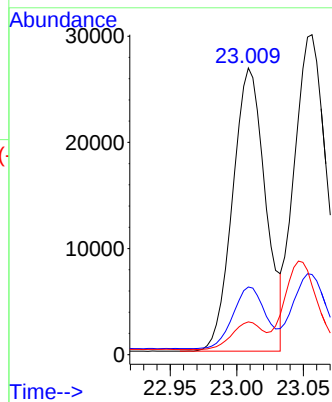
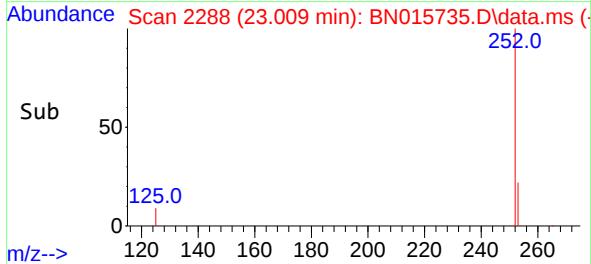




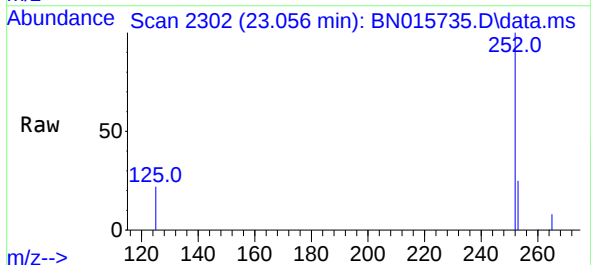
#37
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.009 min Scan# 2288
Delta R.T. -0.003 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



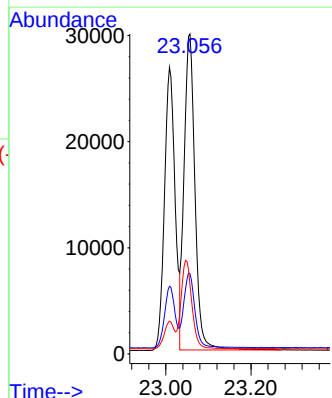
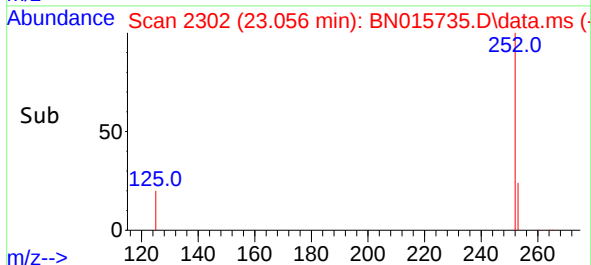
Tgt Ion:252 Resp: 45981
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 11.4 8.3 12.5



#38
Benzo(k)fluoranthene
Concen: 0.091 ng m
RT: 23.056 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



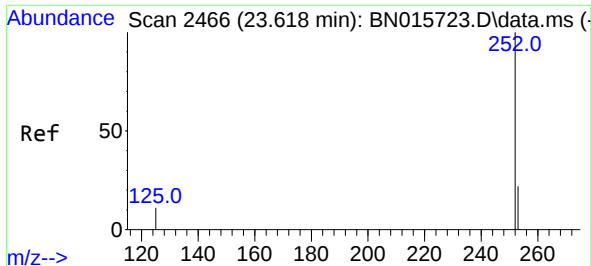
Tgt Ion:252 Resp: 52610
Ion Ratio Lower Upper
252 100
253 25.1 18.1 27.1
125 21.6 10.4 15.6#



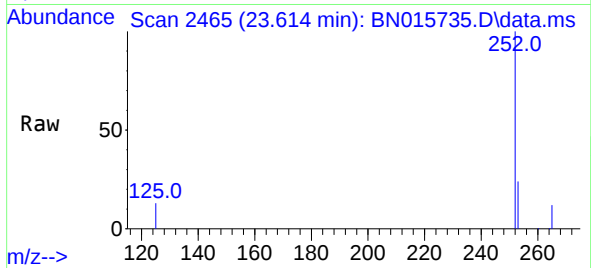
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

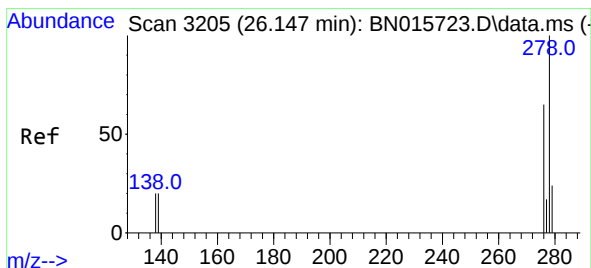
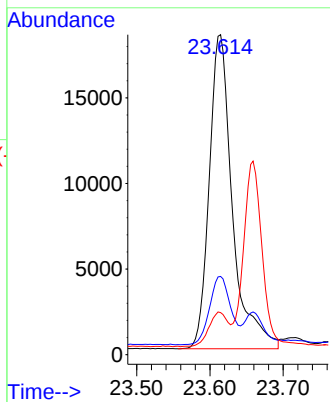
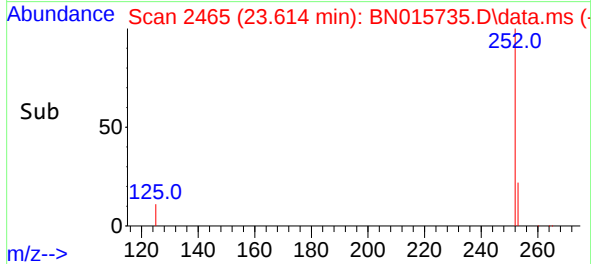
mohammad
8/2/2021 3:48:40 PM



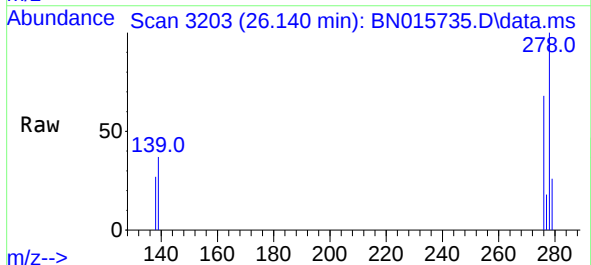
#39
Benzo(a)pyrene
Concen: 0.083 ng
RT: 23.614 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



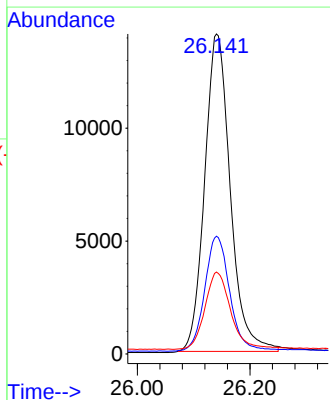
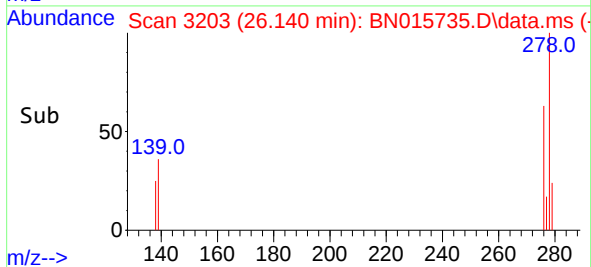
Tgt Ion:252 Resp: 40432
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 13.1 9.2 13.8



#40
Dibenzo(a,h)anthracene
Concen: 0.088 ng
RT: 26.140 min Scan# 3203
Delta R.T. -0.007 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02



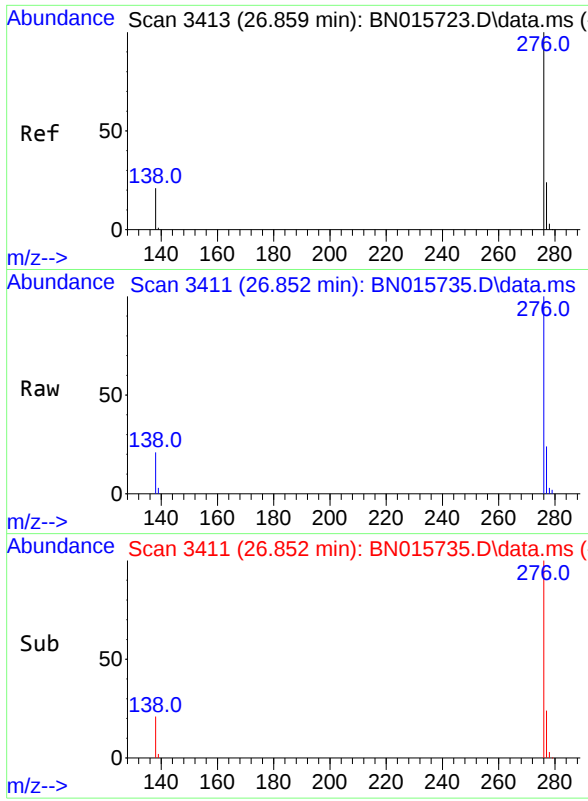
Tgt Ion:278 Resp: 44448
Ion Ratio Lower Upper
278 100
139 36.8 16.0 24.0#
279 25.6 19.2 28.8



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

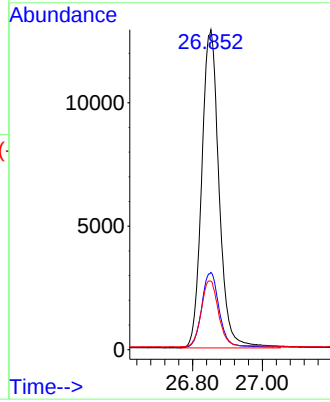
Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:40 PM



#41
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 26.852 min Scan# 3411
Delta R.T. -0.007 min
Lab File: BN015735.D
Acq: 31 Jul 2021 15:02

Tgt Ion:	276	Resp:	44539
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.2	28.8
138	21.4	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

mohammad
8/2/2021 3:48:40 PM