

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016312.D
 Acq On : 18 Sep 2021 00:42
 Operator : CG/JU
 Sample : M3774-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

Manual Integrations
 APPROVED

mohammad
 9/20/2021 4:22:16 PM

Quant Time: Sep 18 02:08:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	26889	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	123124	0.400	ng	# 0.00
13) Acenaphthene-d10	14.307	164	72159	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	141923	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	151749	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	162956	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7649	0.113	ng	0.02
5) Phenol-d6	6.877	99	5435	0.066	ng	0.00
8) Nitrobenzene-d5	8.822	82	20054	0.274	ng	-0.01
11) 2-Methylnaphthalene-d10	12.052	152	52052	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	9564	0.451	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	69890	0.248	ng	0.00
27) Fluoranthene-d10	19.098	212	147323	0.359	ng	0.00
31) Terphenyl-d14	19.713	244	132174	0.376	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.508	128	26964	0.081	ng	95
17) Acenaphthene	14.370	154	26968	0.130	ng	95
18) Fluorene	15.360	166	49538m	0.192	ng	
25) Phenanthrene	17.103	178	74687	0.186	ng	# 92
26) Anthracene	17.188	178	37587	0.097	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.206	149	56985	0.217	ng	99

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

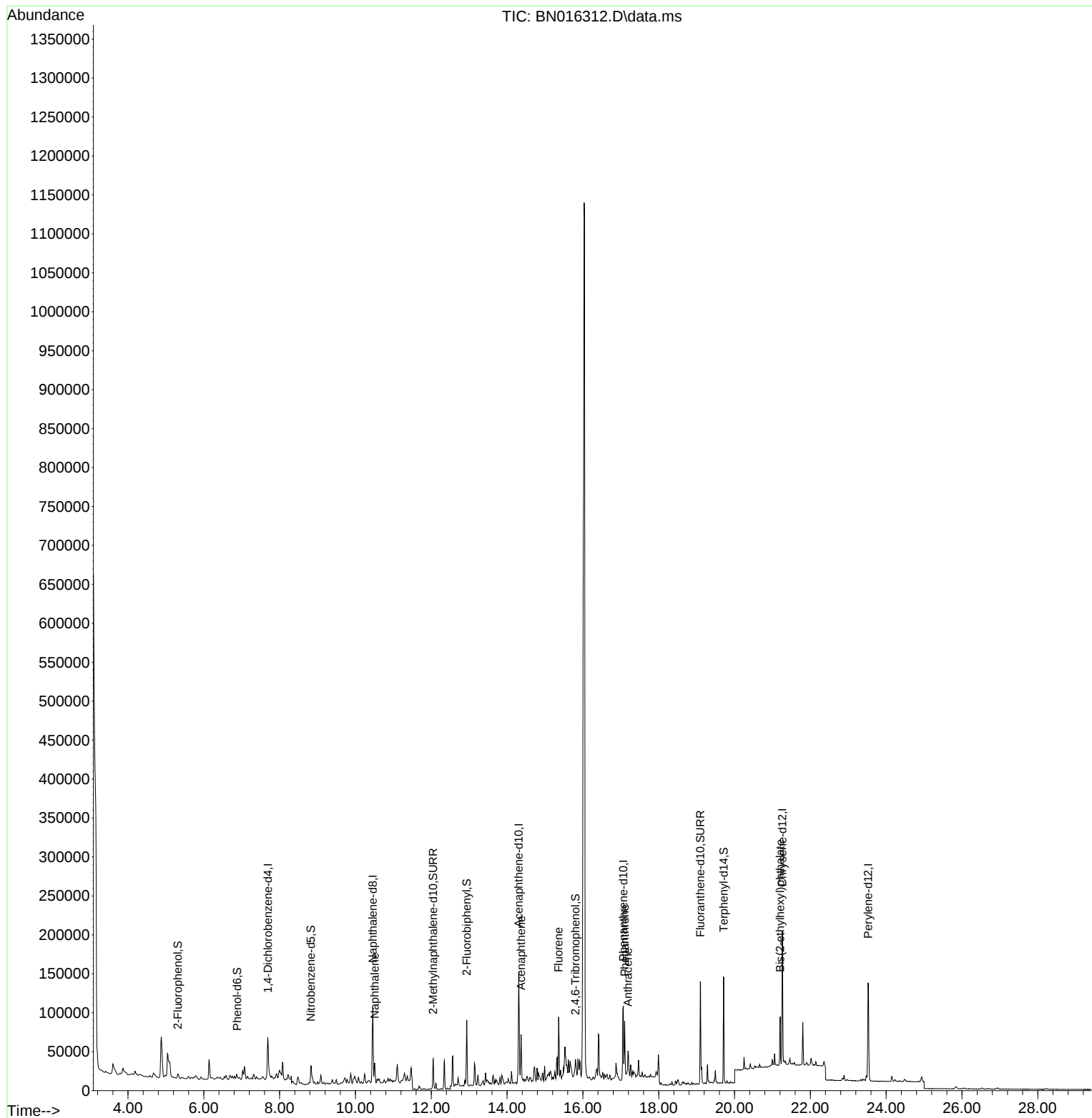
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016312.D
Acq On : 18 Sep 2021 00:42
Operator : CG/JU
Sample : M3774-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

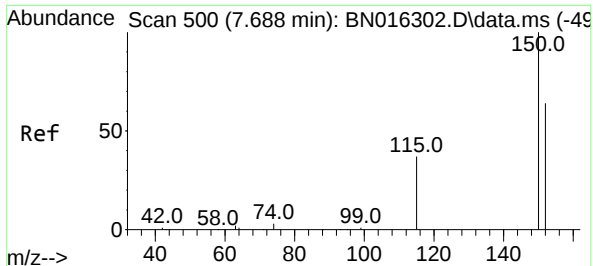
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

Manual Integrations
APPROVED

mohammad
9/20/2021 4:22:16 PM

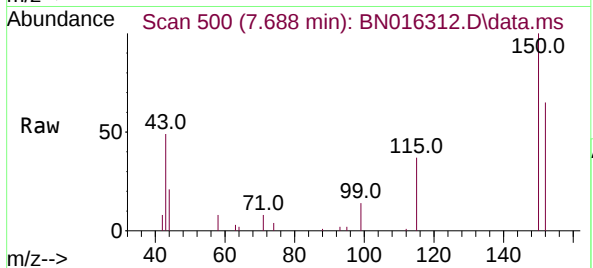
Quant Time: Sep 18 02:08:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

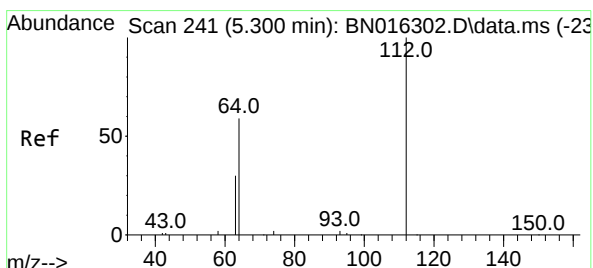
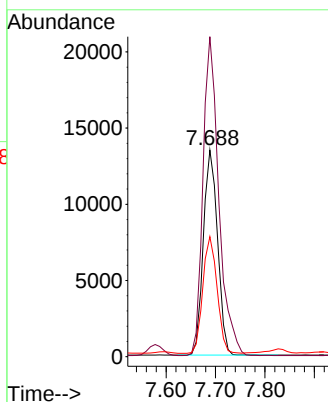
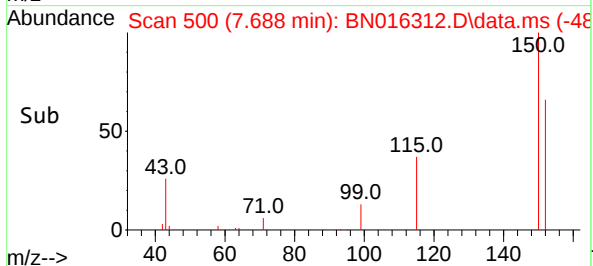
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



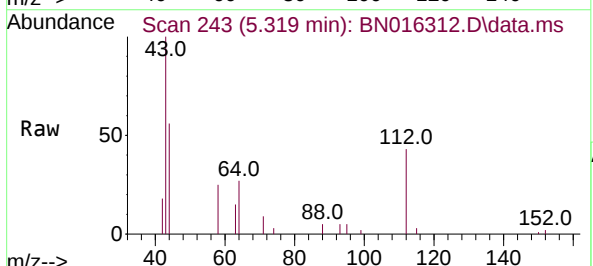
Tgt Ion:152 Resp: 26889
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 58.0 50.2 75.2

Manual Integrations
APPROVED

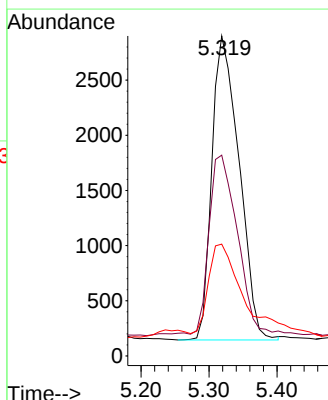
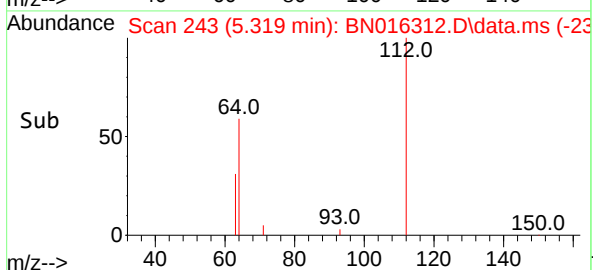
mohammad
9/20/2021 4:22:16 PM

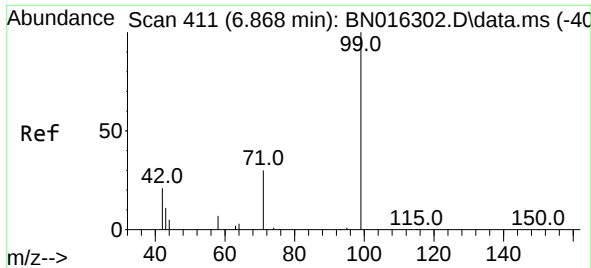


#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.018 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

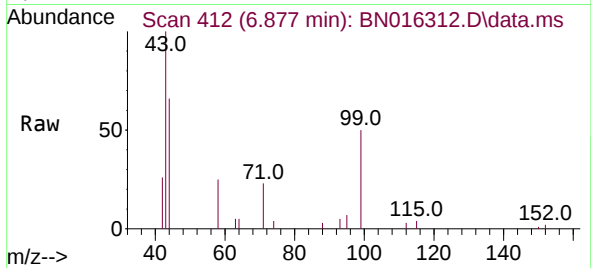


Tgt Ion:112 Resp: 7649
Ion Ratio Lower Upper
112 100
64 61.8 47.3 70.9
63 35.7 23.4 35.0#

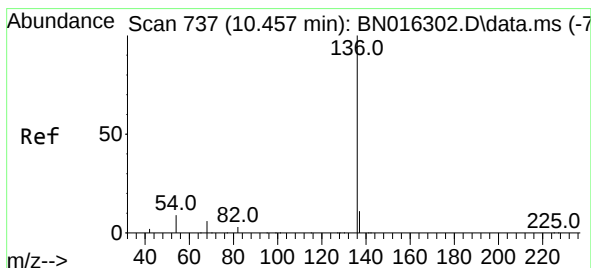
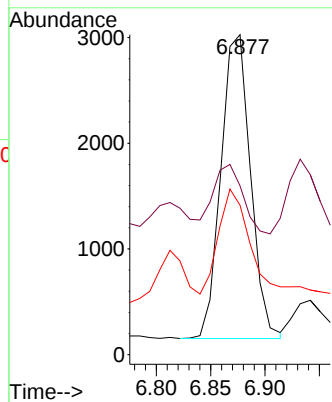
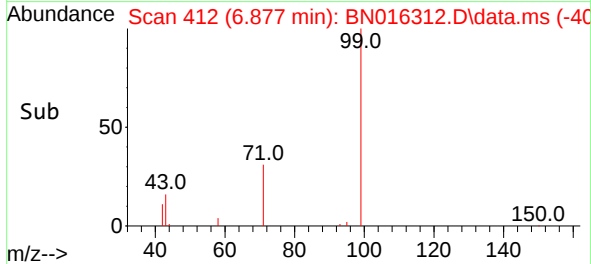




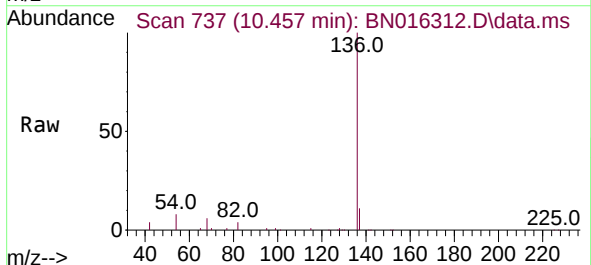
#5
Phenol-d6
Concen: 0.066 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



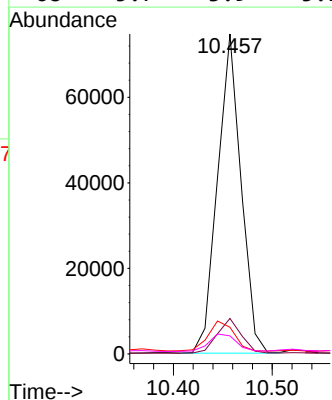
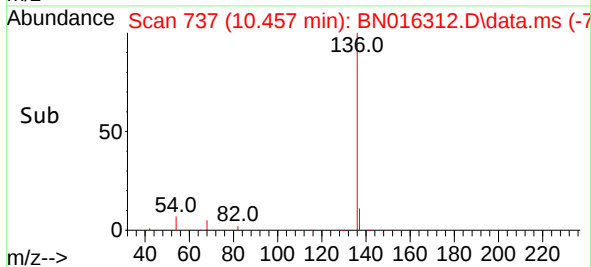
Tgt Ion: 99 Resp: 5435
Ion Ratio Lower Upper
99 100
42 22.4 14.0 21.0#
71 36.2 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



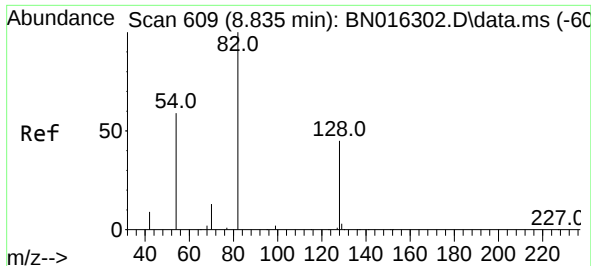
Tgt Ion: 136 Resp: 123124
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 5.3 7.9#
68 5.7 3.9 5.9



Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

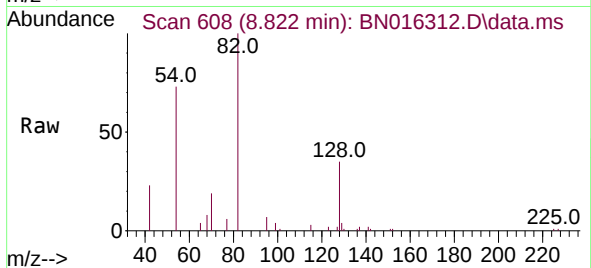
Manual Integrations
APPROVED

mohammad
9/20/2021 4:22:16 PM



#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

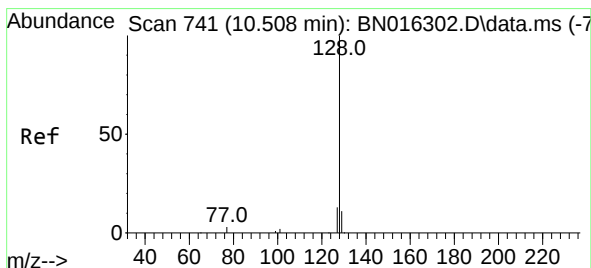
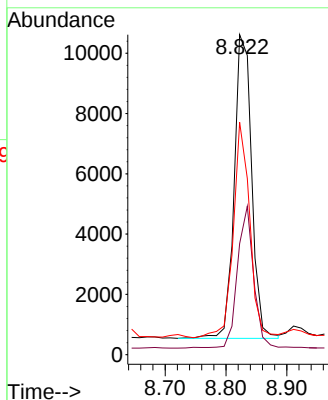
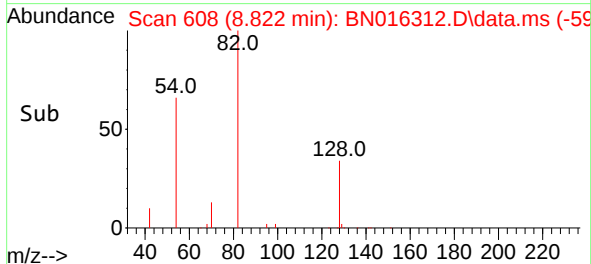
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



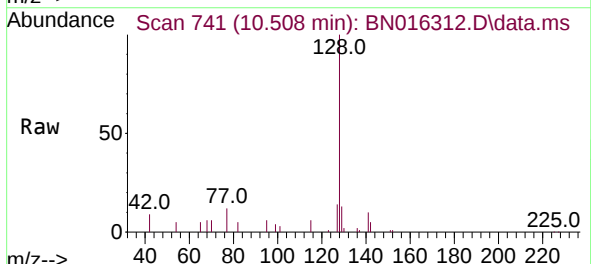
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	31.7	47.5
54	72.6	46.4	69.6

Manual Integrations
APPROVED

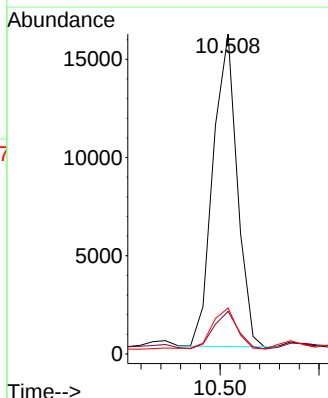
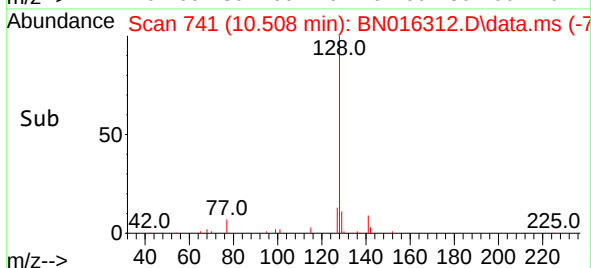
mohammad
9/20/2021 4:22:16 PM

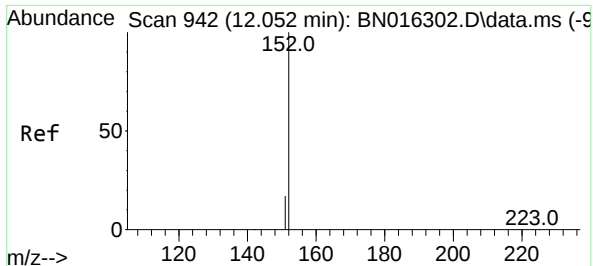


#9
Naphthalene
Concen: 0.081 ng
RT: 10.508 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



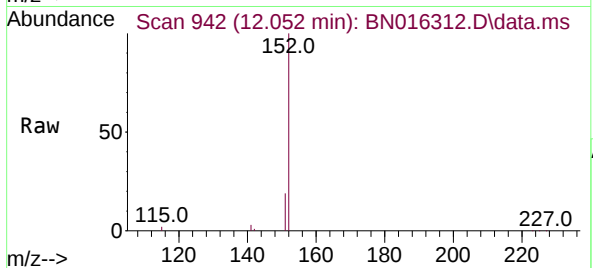
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.9	13.3
127	14.3	10.1	15.1





#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.052 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

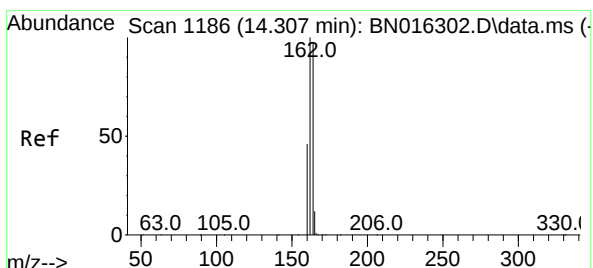
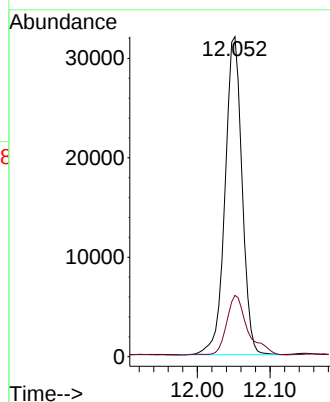
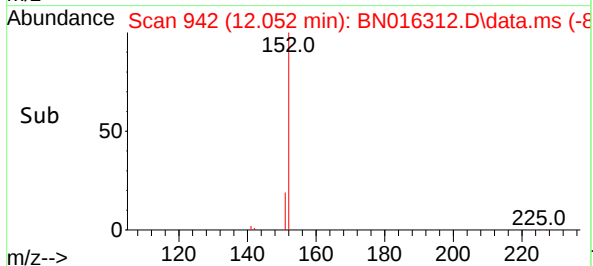
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



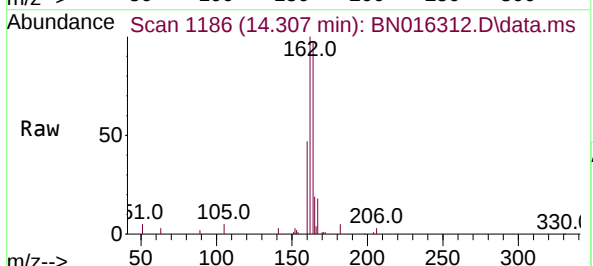
Tgt Ion:152 Resp: 52052
Ion Ratio Lower Upper
152 100
151 22.9 16.1 24.1

Manual Integrations
APPROVED

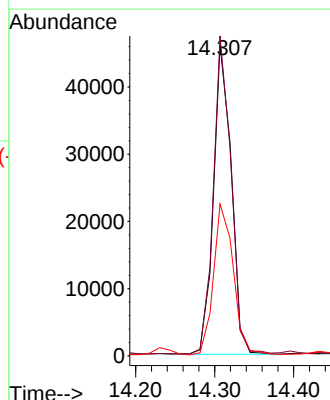
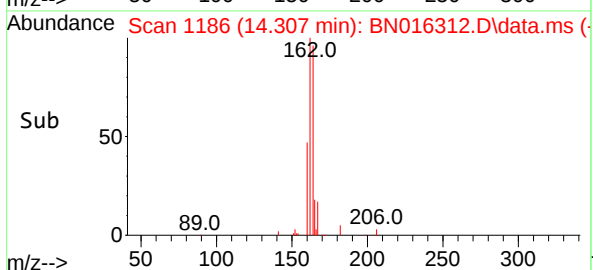
mohammad
9/20/2021 4:22:16 PM

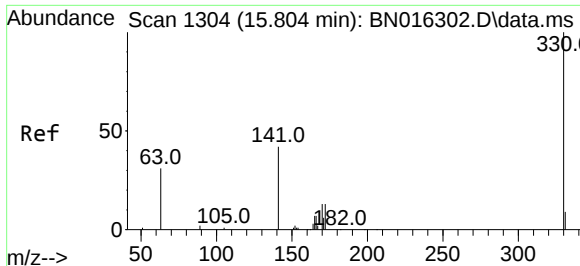


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



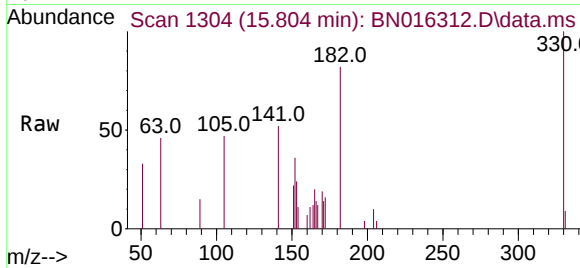
Tgt Ion:164 Resp: 72159
Ion Ratio Lower Upper
164 100
162 102.9 79.0 118.4
160 48.8 34.1 51.1





#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 15.804 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

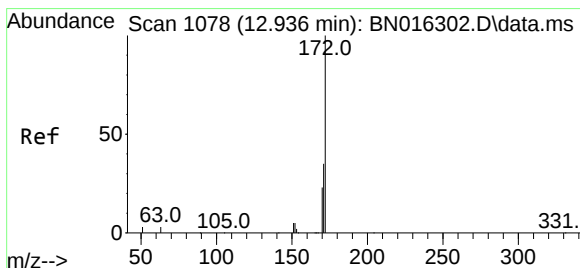
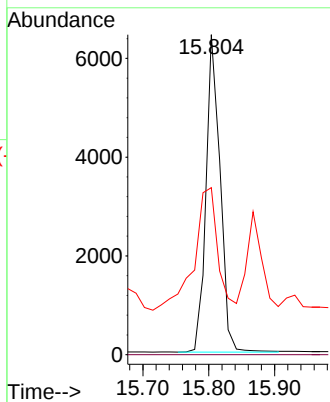
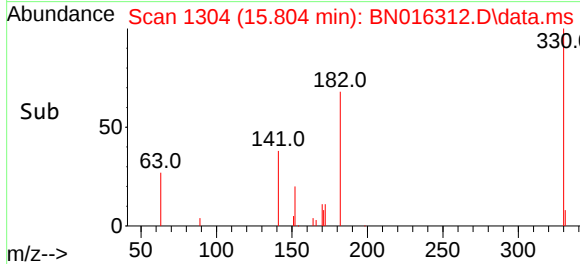
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



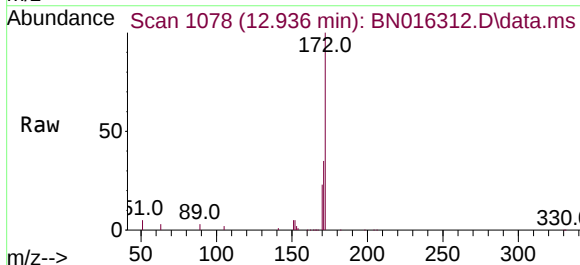
Tgt Ion:330 Resp: 9564
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 57.1 25.0 37.4#

Manual Integrations
APPROVED

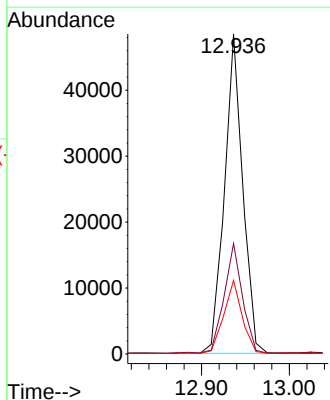
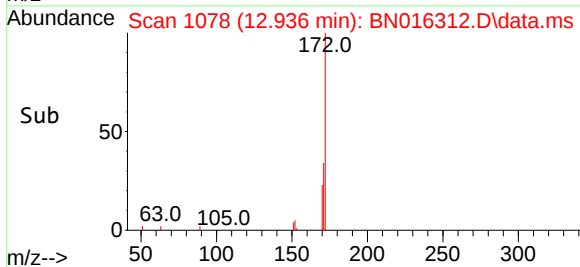
mohammad
9/20/2021 4:22:16 PM

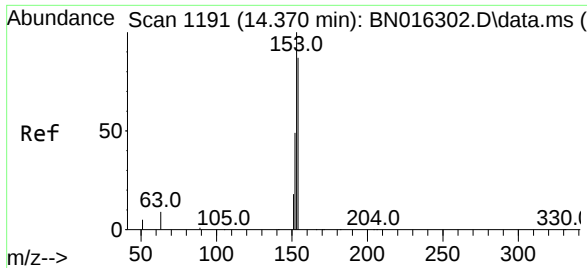


#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



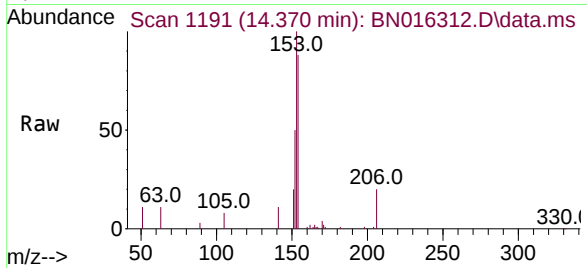
Tgt Ion:172 Resp: 69890
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.0 18.2 27.2





#17
Acenaphthene
Concen: 0.130 ng
RT: 14.370 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

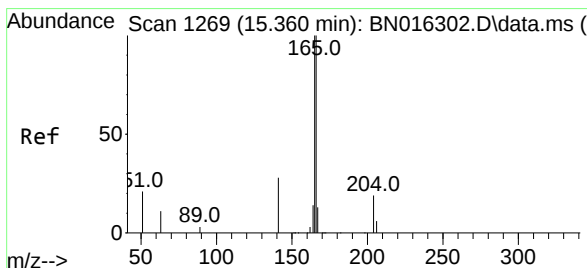
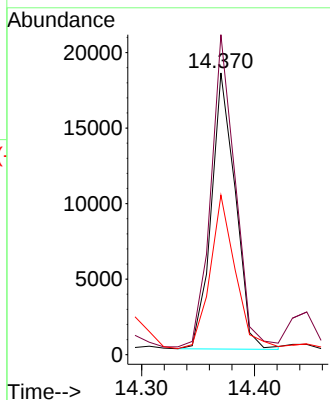
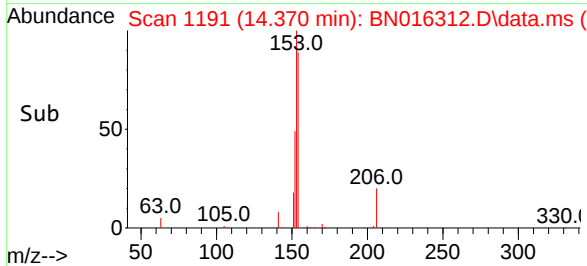
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



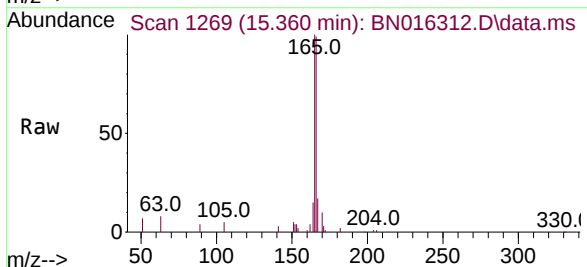
Tgt Ion:154 Resp: 26968
Ion Ratio Lower Upper
154 100
153 114.1 89.3 133.9
152 60.2 42.2 63.4

Manual Integrations
APPROVED

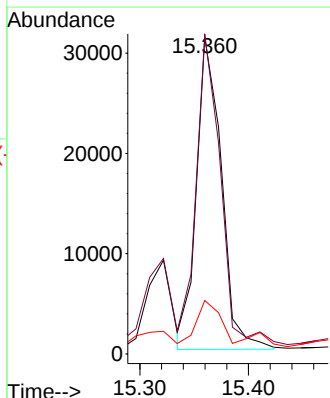
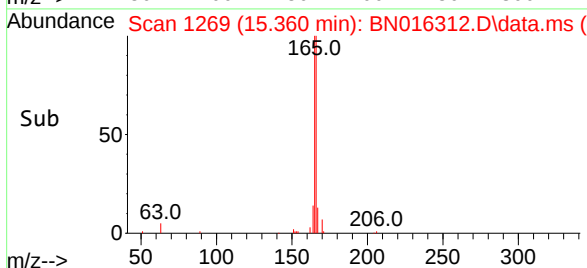
mohammad
9/20/2021 4:22:16 PM

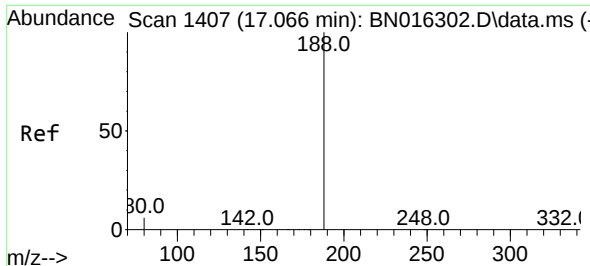


#18
Fluorene
Concen: 0.192 ng m
RT: 15.360 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



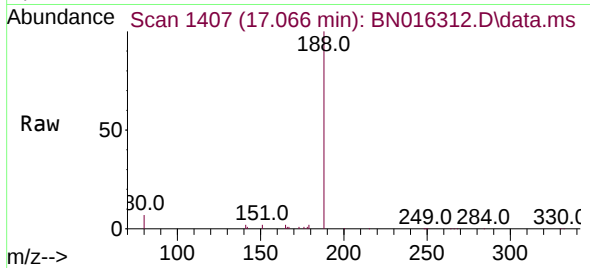
Tgt Ion:166 Resp: 49538
Ion Ratio Lower Upper
166 100
165 124.8 76.7 115.1#
167 13.3 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

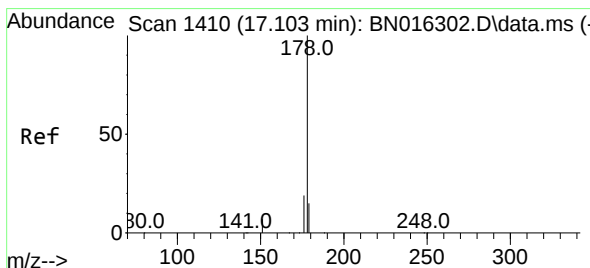
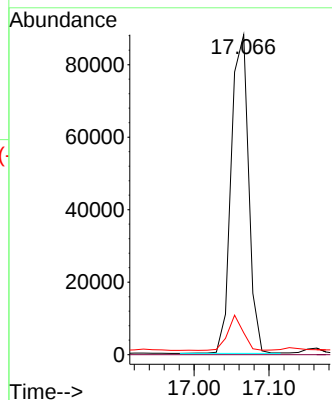
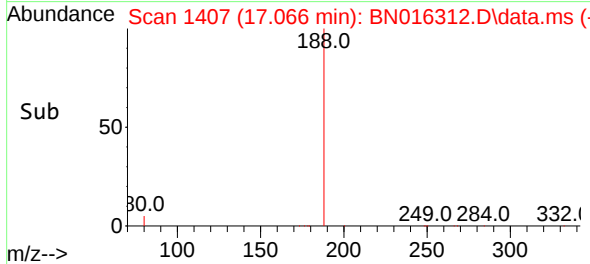
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



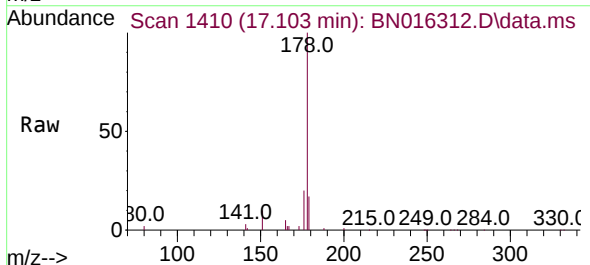
Tgt Ion:188 Resp: 141923
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 7.0 10.6#

Manual Integrations
APPROVED

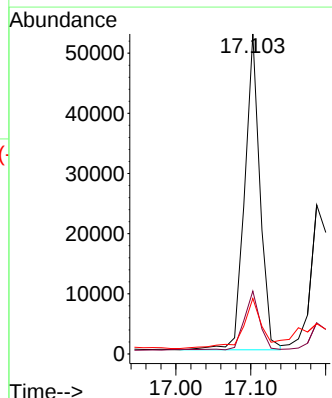
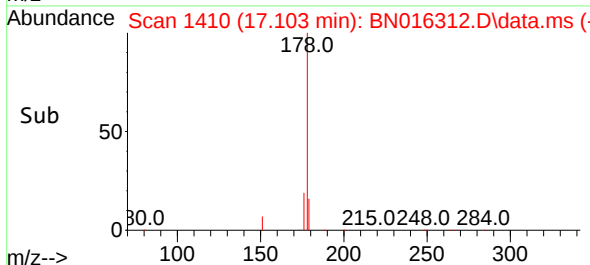
mohammad
9/20/2021 4:22:16 PM

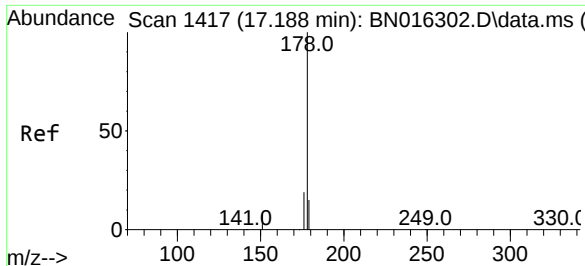


#25
Phenanthrene
Concen: 0.186 ng
RT: 17.103 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42



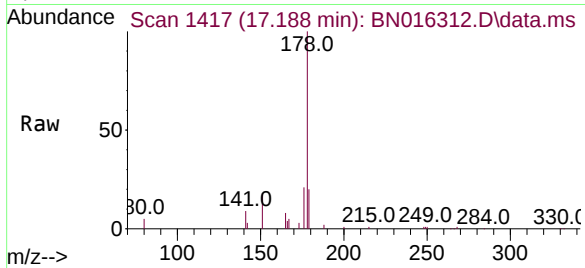
Tgt Ion:178 Resp: 74687
Ion Ratio Lower Upper
178 100
176 19.7 14.4 21.6
179 20.3 12.2 18.4#





#26
 Anthracene
 Concen: 0.097 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: BN016312.D
 Acq: 18 Sep 2021 00:42

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

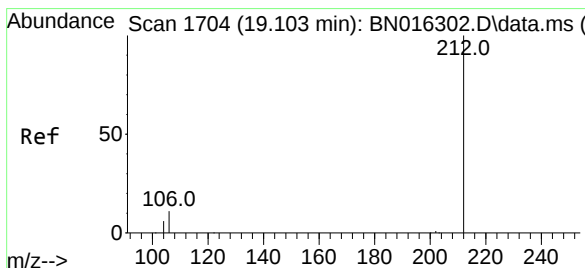
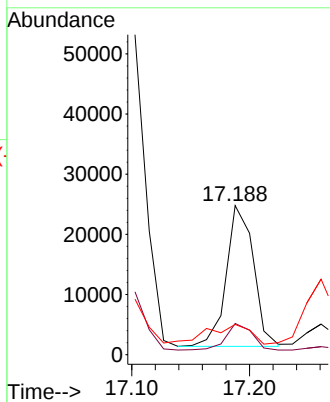
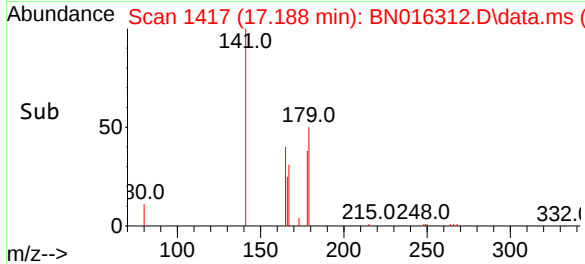


Tgt Ion:178 Resp: 37587

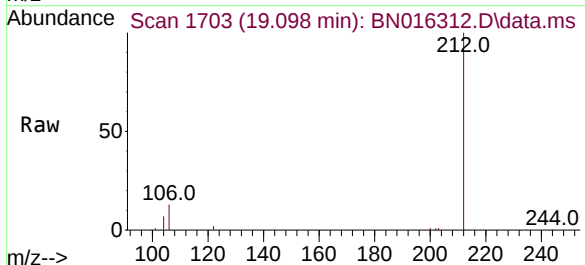
Ion	Ratio	Lower	Upper
178	100		
176	18.3	13.9	20.9
179	20.9	12.2	18.4#

Manual Integrations
 APPROVED

mohammad
 9/20/2021 4:22:16 PM

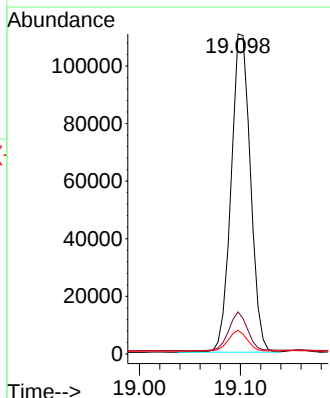
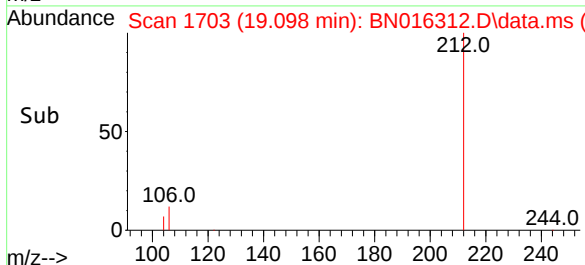


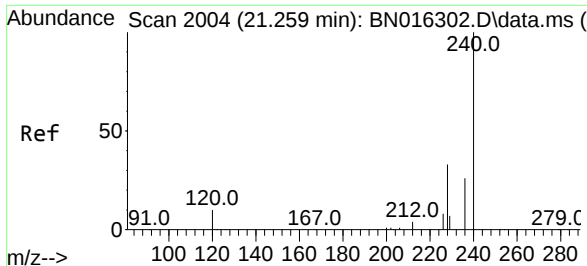
#27
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 19.098 min Scan# 1703
 Delta R.T. -0.005 min
 Lab File: BN016312.D
 Acq: 18 Sep 2021 00:42



Tgt Ion:212 Resp: 147323

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.8	14.6
104	6.5	5.4	8.2





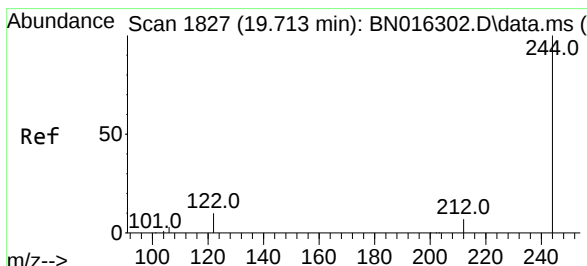
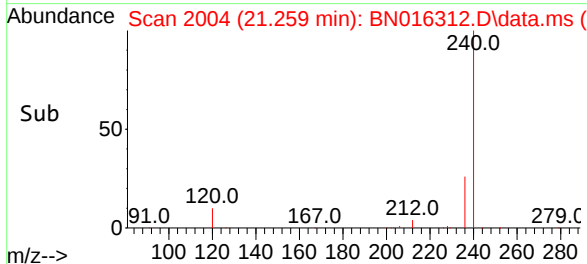
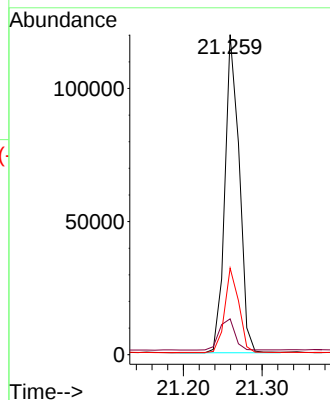
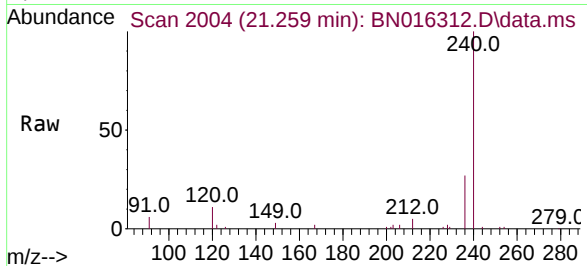
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:240 Resp: 151749
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 27.0 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

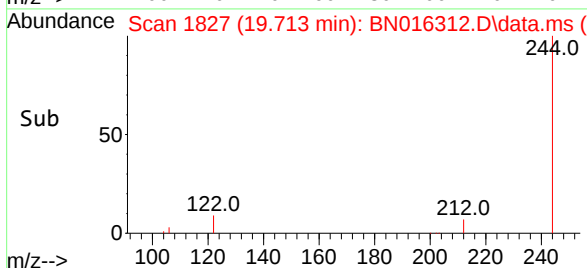
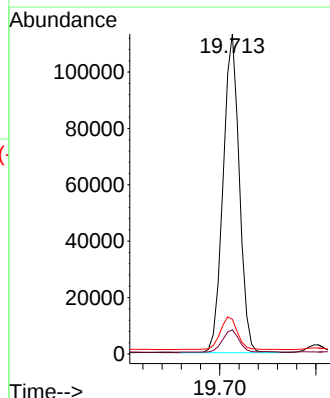
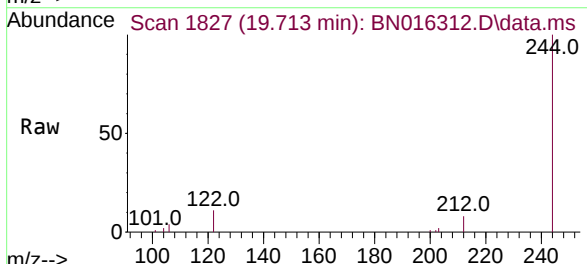
Manual Integrations
APPROVED

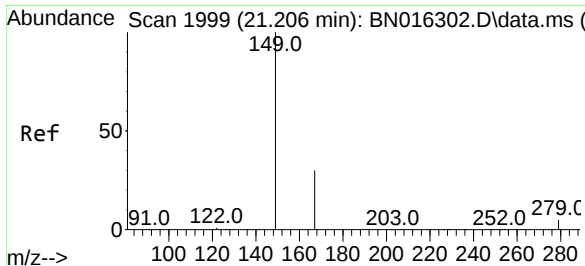
mohammad
9/20/2021 4:22:16 PM



#31
Terphenyl-d14
Concen: 0.376 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:244 Resp: 132174
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.8 9.0 13.4





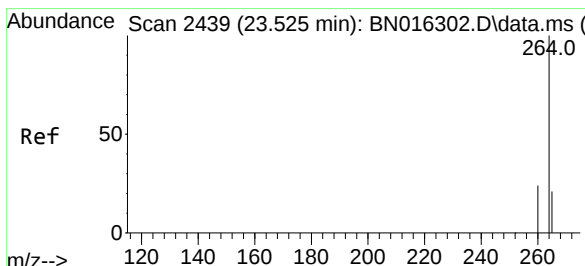
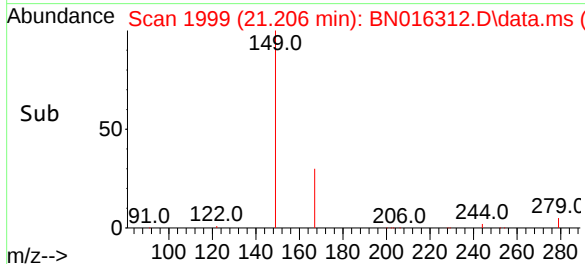
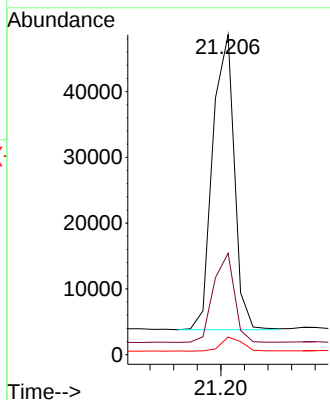
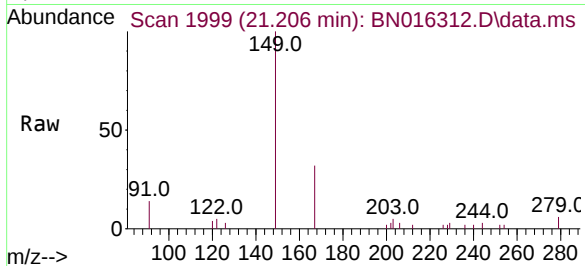
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:	149	Resp:	56985
Ion Ratio	100	Lower	Upper
149	100		
167	29.7	23.4	35.0
279	4.9	3.9	5.9

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

Manual Integrations
APPROVED

mohammad
9/20/2021 4:22:16 PM



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN016312.D
Acq: 18 Sep 2021 00:42

Tgt Ion:	264	Resp:	162956
Ion Ratio	100	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	28.4	23.7	35.5

