

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015333.D
 Acq On : 03 Jul 2021 14:25
 Operator : CG/JU
 Sample : M2803-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20210618

Manual Integrations
 APPROVED

mohammad
 7/6/2021 10:04:14 AM

Quant Time: Jul 05 05:49:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	25804	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	120638	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	65962	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	130142	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	93484	0.40	ng	-0.01
35) Perylene-d12	23.532	264	73518	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	11297	0.17	ng	0.00
5) Phenol-d6	6.905	99	7566	0.09	ng	0.00
8) Nitrobenzene-d5	8.860	82	32116	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	68712	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7602	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	97460	0.36	ng	0.00
27) Fluoranthene-d10	19.122	212	138276	0.36	ng	-0.01
31) Terphenyl-d14	19.728	244	112012	0.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	48849m	4.04	ng	
6) bis(2-Chloroethyl)ether	7.163	93	3551	0.04	ng	# 84
24) Pentachlorophenol	16.750	266	50	0.25	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.206	149	35541	0.46	ng	# 87

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

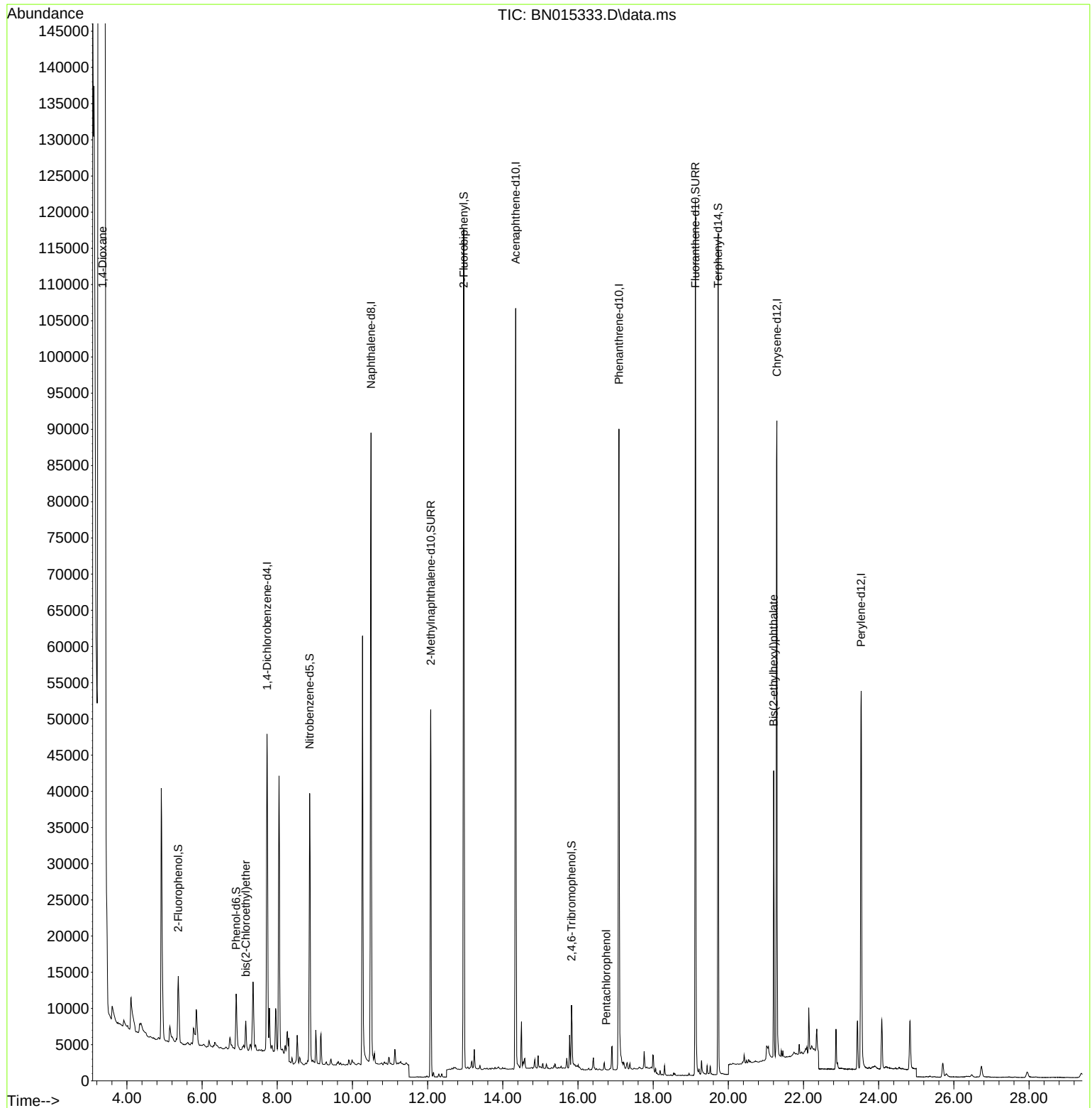
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015333.D
Acq On : 03 Jul 2021 14:25
Operator : CG/JU
Sample : M2803-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

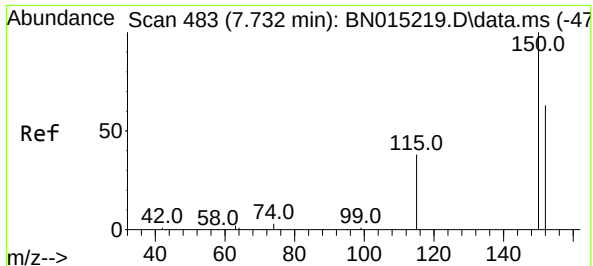
Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

Manual Integrations
APPROVED

mohammad
7/6/2021 10:04:14 AM

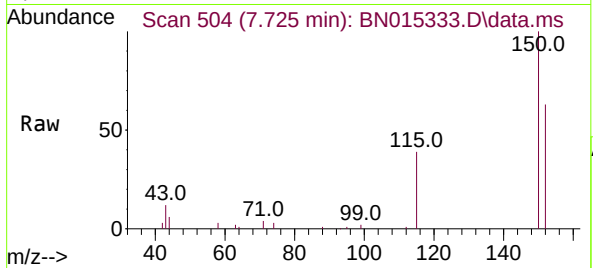
Quant Time: Jul 05 05:49:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 504
Delta R.T. -0.007 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

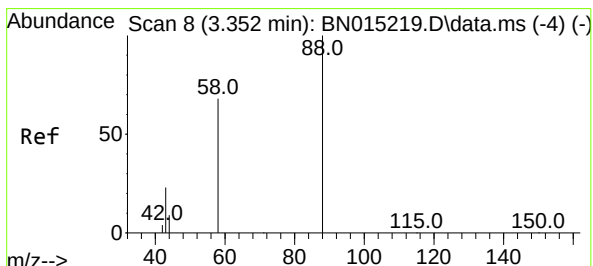
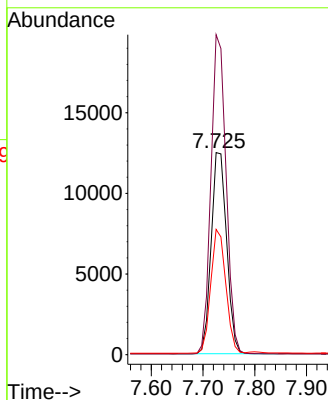
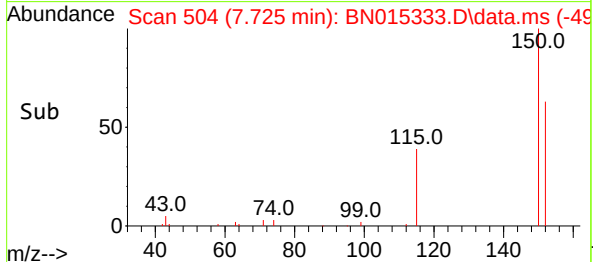
Instrument :
BNA_N
ClientSampleId :
DUP04-20210618



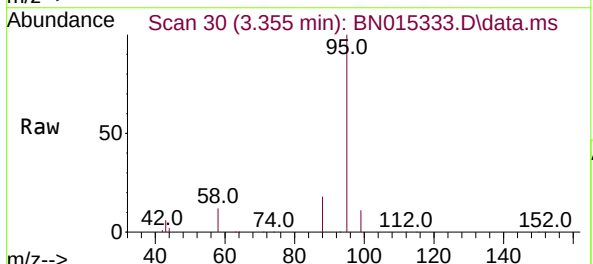
Tgt Ion:152 Resp: 25804
Ion Ratio Lower Upper
152 100
150 158.3 119.0 178.6
115 62.0 62.2 93.4#

Manual Integrations
APPROVED

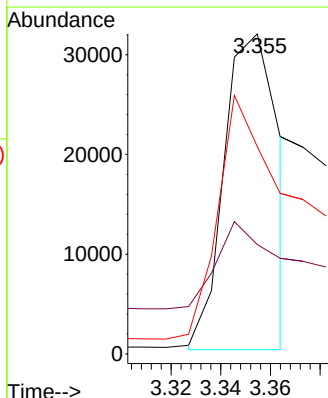
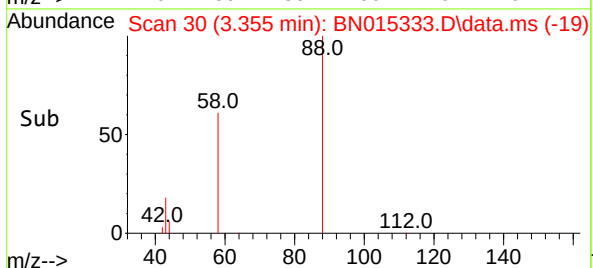
mohammad
7/6/2021 10:04:14 AM

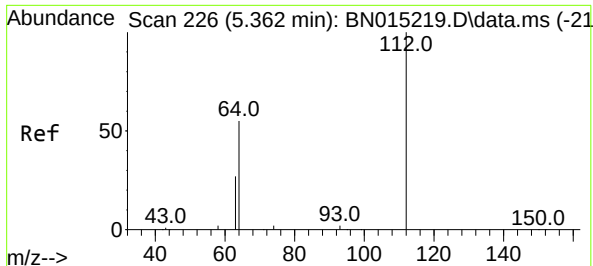


#2
1,4-Dioxane
Concen: 4.04 ng m
RT: 3.355 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25



Tgt Ion: 88 Resp: 48849
Ion Ratio Lower Upper
88 100
43 60.3 12.9 19.3#
58 177.6 38.1 57.1#





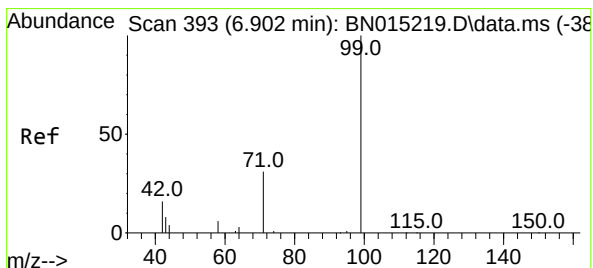
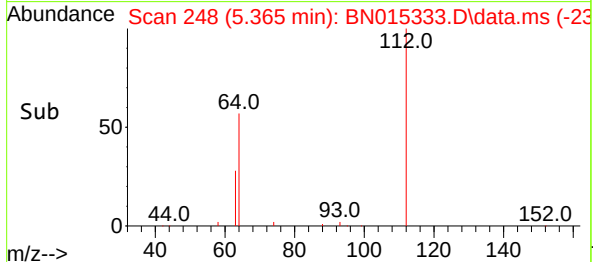
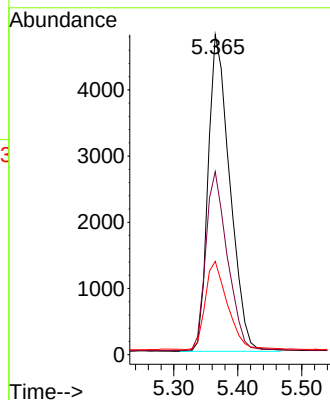
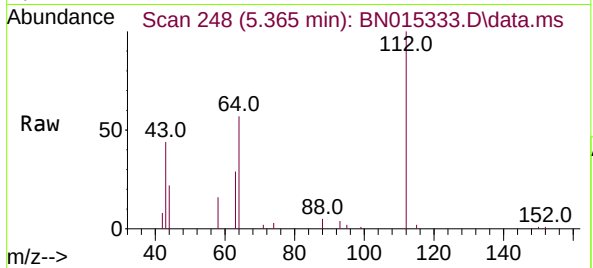
#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion:	112	Resp:	11297
Ion	Ratio	Lower	Upper
112	100		
64	56.5	39.0	58.6
63	28.5	20.6	30.8

Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

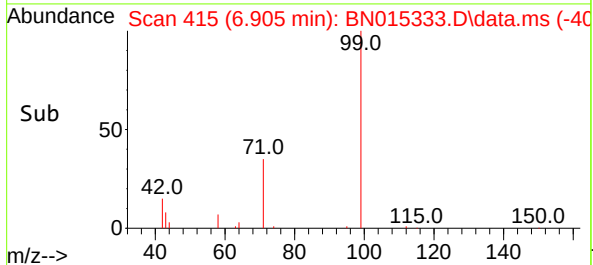
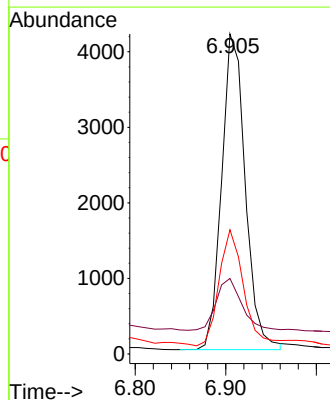
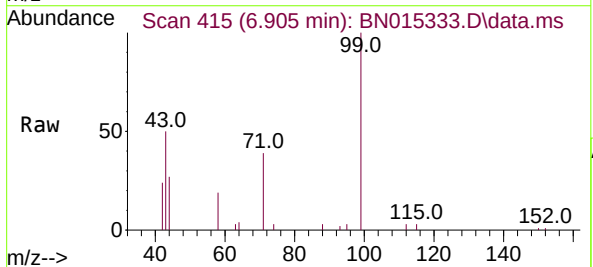
Manual Integrations
APPROVED

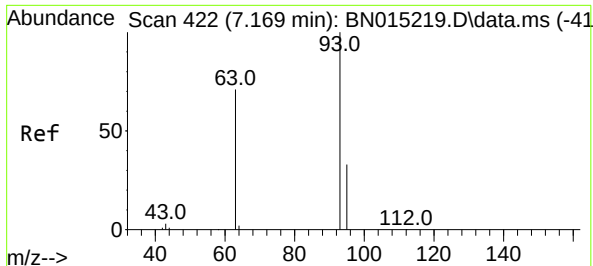
mohammad
7/6/2021 10:04:14 AM



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion:	99	Resp:	7566
Ion	Ratio	Lower	Upper
99	100		
42	17.7	8.9	13.3#
71	38.2	35.6	53.4





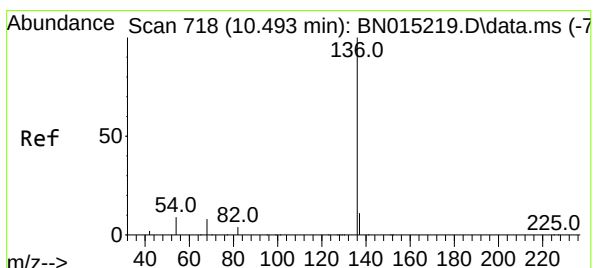
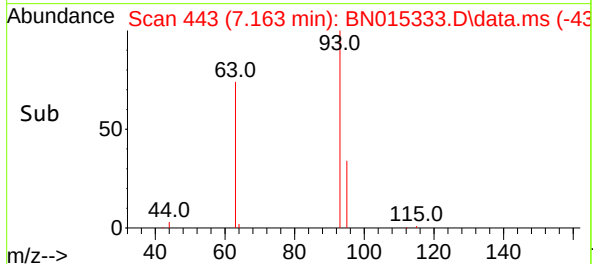
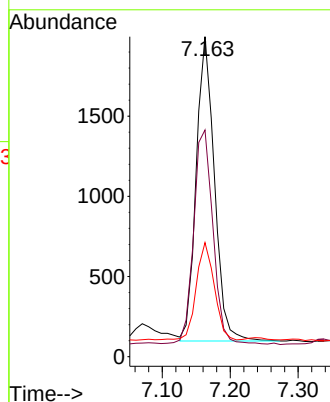
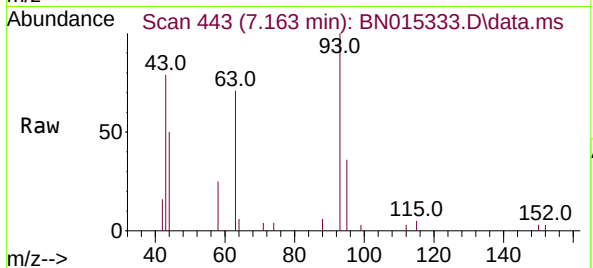
#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion: 93 Resp: 3551
Ion Ratio Lower Upper
93 100
63 74.2 46.6 70.0#
95 31.4 28.6 42.8

Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

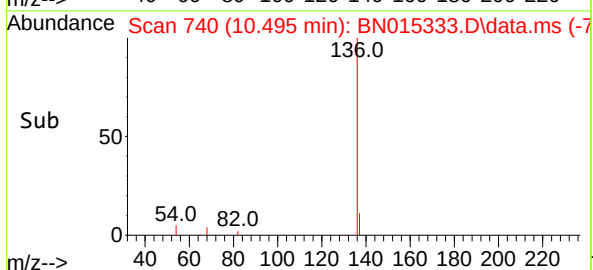
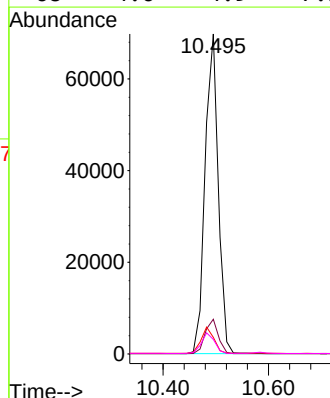
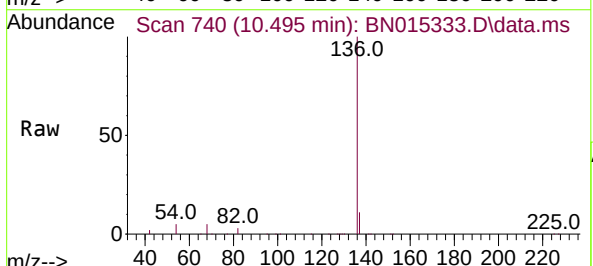
Manual Integrations
APPROVED

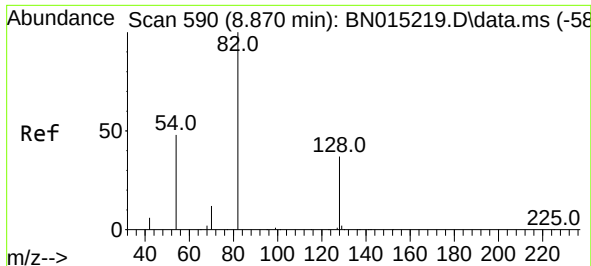
mohammad
7/6/2021 10:04:14 AM



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

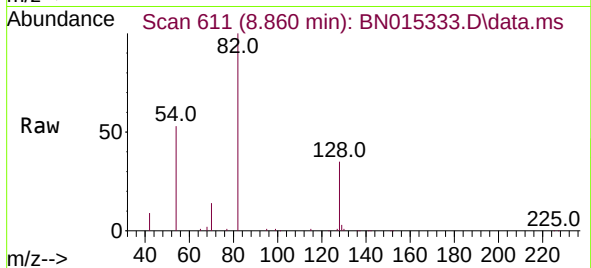
Tgt Ion: 136 Resp: 120638
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 5.2 5.4 8.2#
68 4.6 4.9 7.3#





#8
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

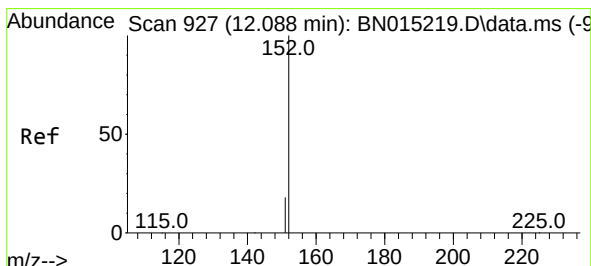
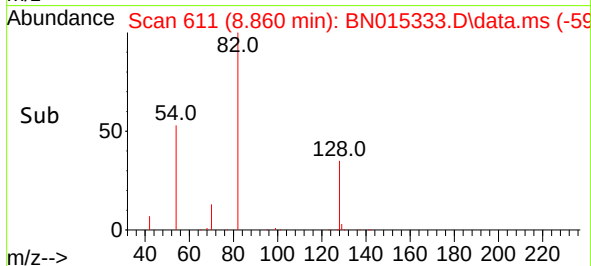
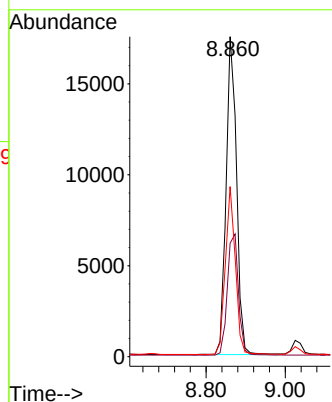
Instrument :
BNA_N
ClientSampleId :
DUP04-20210618



Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	31.6	47.4
54	53.2	29.0	43.4

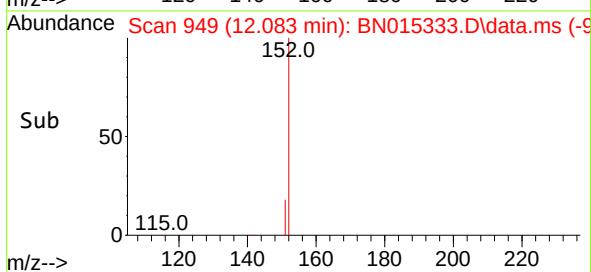
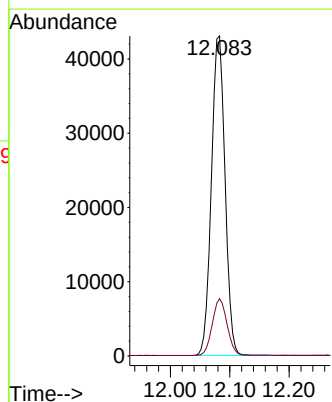
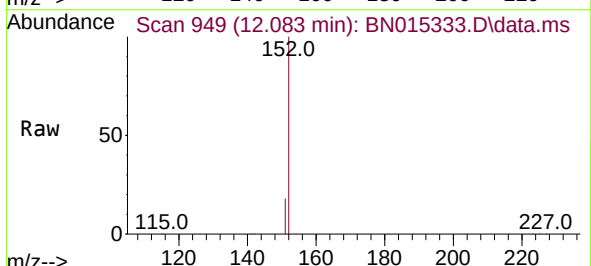
Manual Integrations
APPROVED

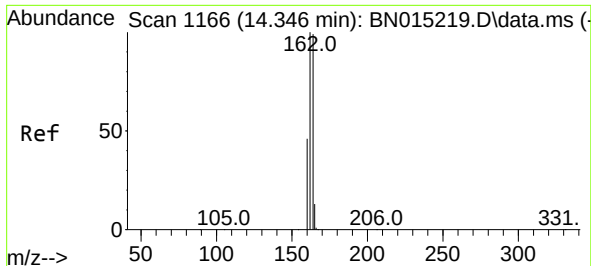
mohammad
7/6/2021 10:04:14 AM



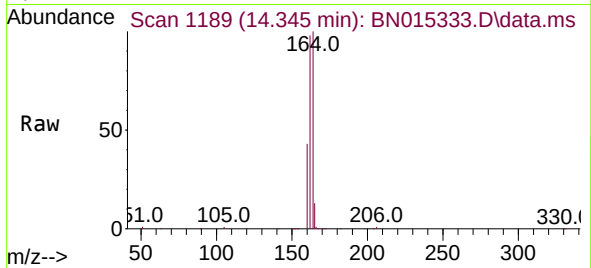
#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.7	25.1

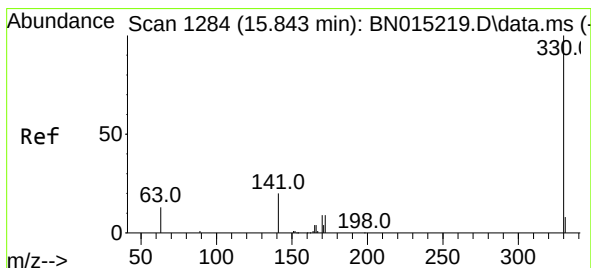
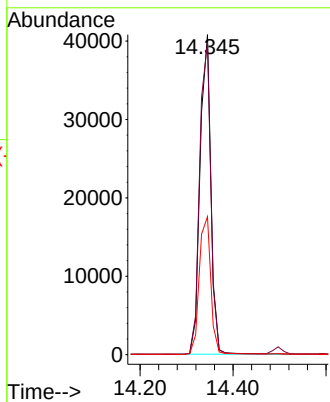
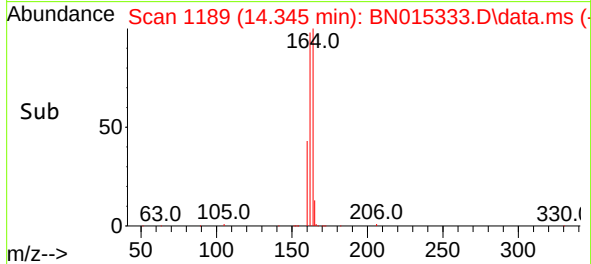




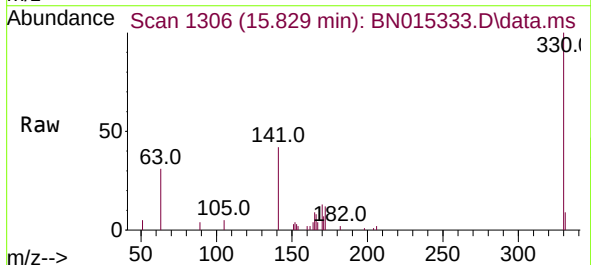
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25



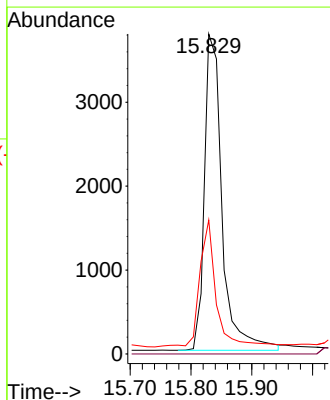
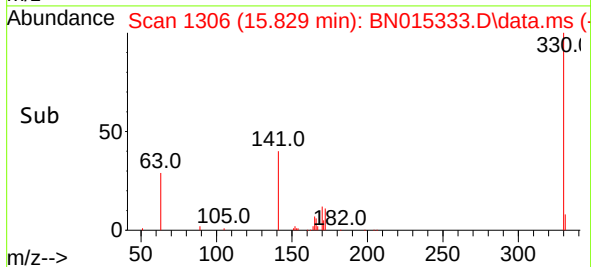
Tgt Ion:164 Resp: 65962
Ion Ratio Lower Upper
164 100
162 97.6 83.8 125.6
160 43.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25



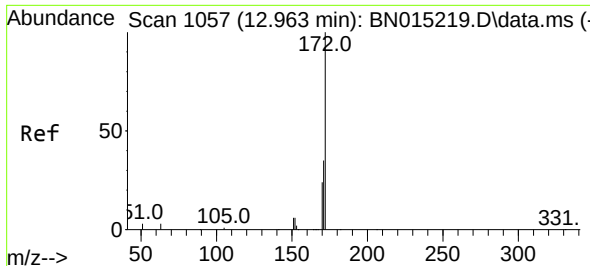
Tgt Ion:330 Resp: 7602
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.6 22.4 33.6#



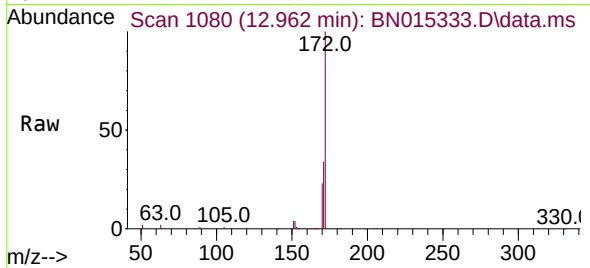
Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

Manual Integrations
APPROVED

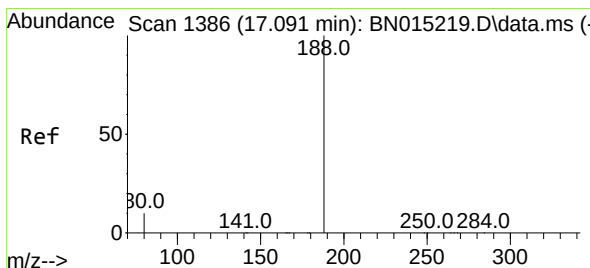
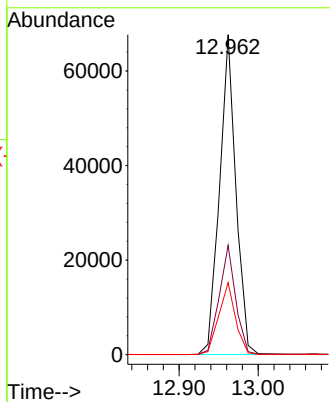
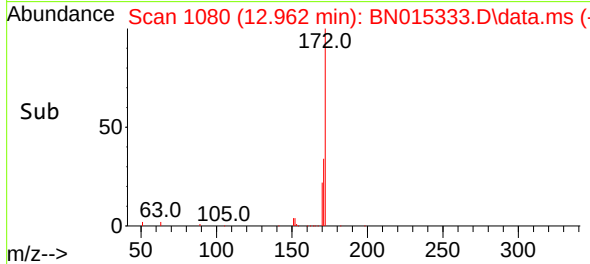
mohammad
7/6/2021 10:04:14 AM



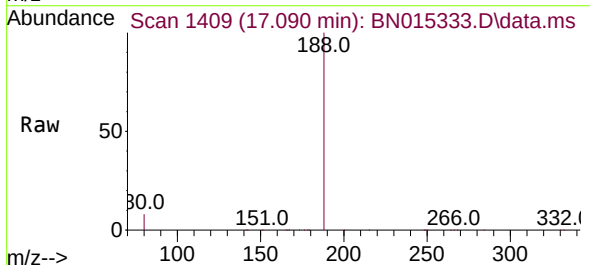
#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25



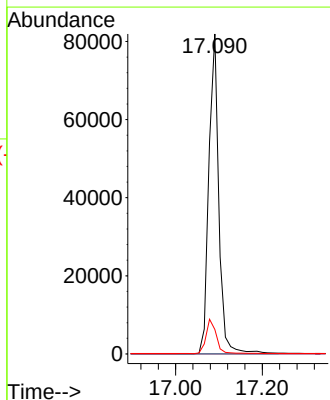
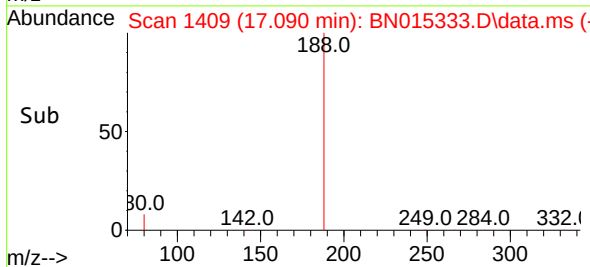
Tgt Ion:172 Resp: 97460
Ion Ratio Lower Upper
172 100
171 34.1 30.6 45.8
170 22.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25



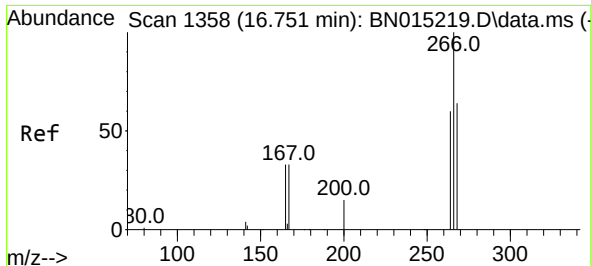
Tgt Ion:188 Resp: 130142
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 9.0 13.4



Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

Manual Integrations
APPROVED

mohammad
7/6/2021 10:04:14 AM



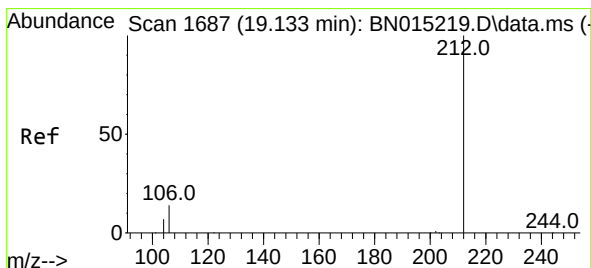
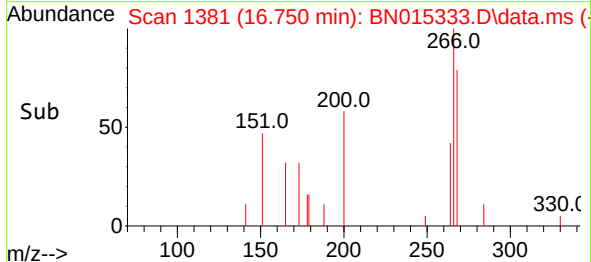
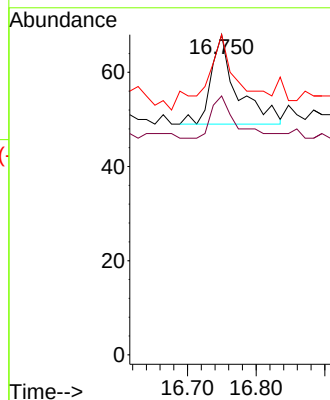
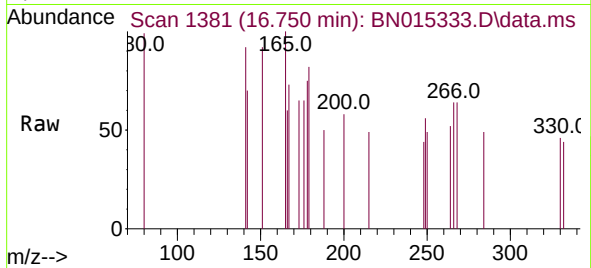
#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion: 266 Resp: 50
Ion Ratio Lower Upper
266 100
264 44.0 51.0 76.4#
268 92.0 50.6 76.0#

Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

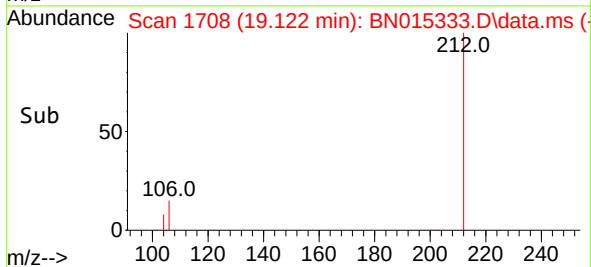
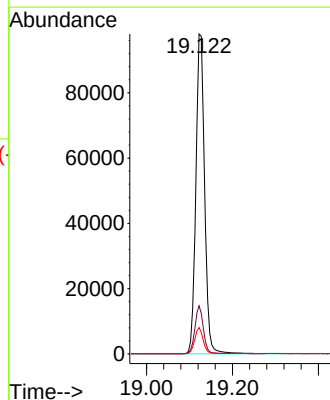
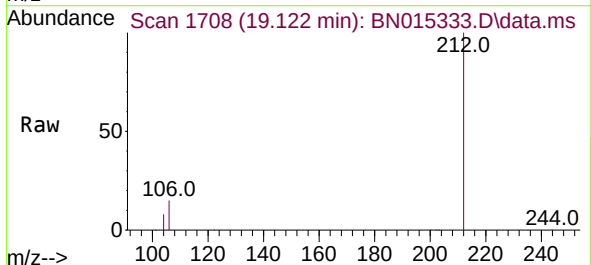
Manual Integrations
APPROVED

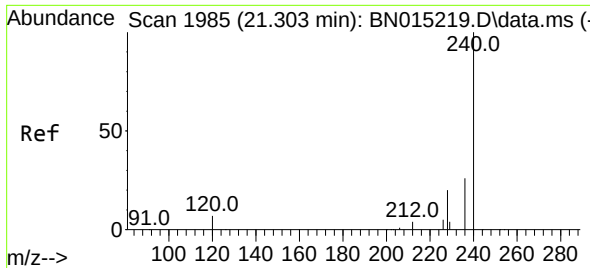
mohammad
7/6/2021 10:04:14 AM



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.011 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion: 212 Resp: 138276
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 7.9 4.1 6.1#





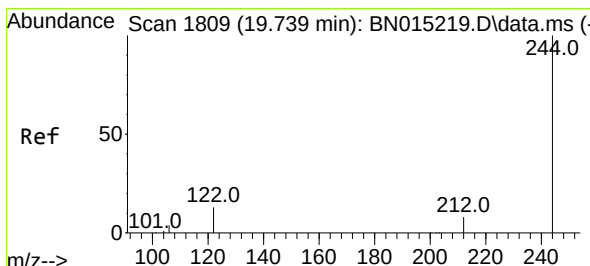
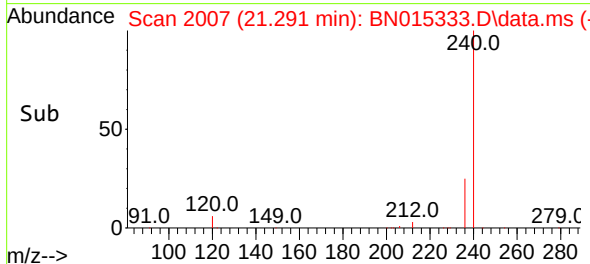
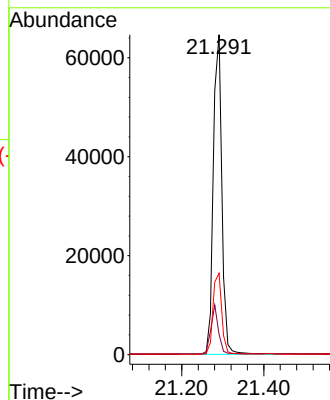
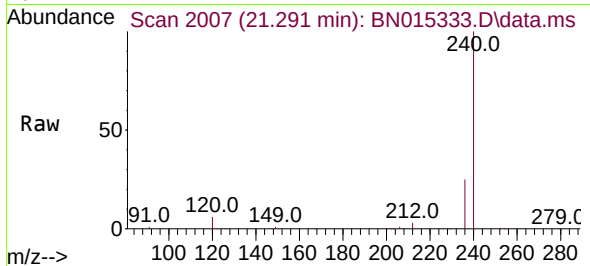
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion:240 Resp: 93484
Ion Ratio Lower Upper
240 100
120 6.3 4.2 6.4
236 25.4 21.4 32.2

Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

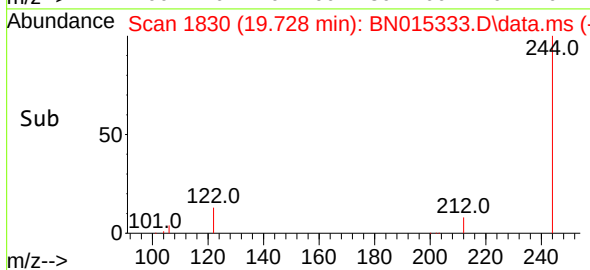
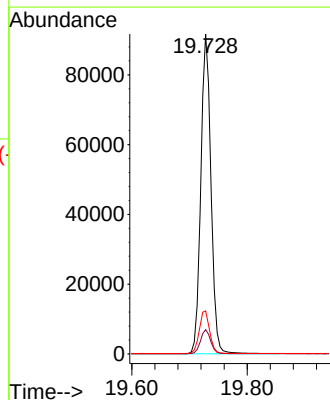
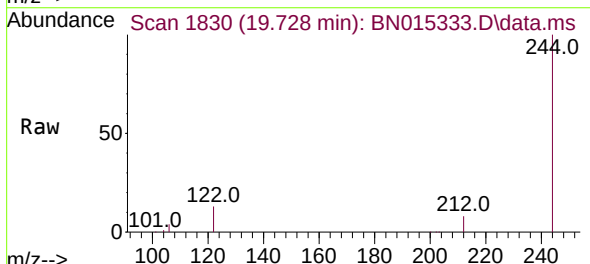
Manual Integrations
APPROVED

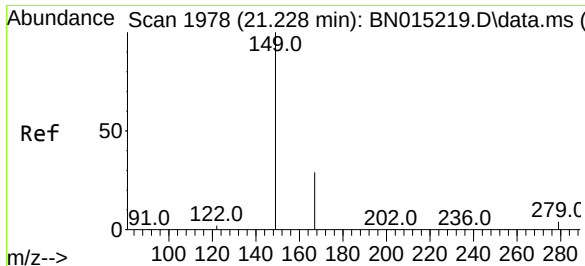
mohammad
7/6/2021 10:04:14 AM



#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion:244 Resp: 112012
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.4 6.2 9.2#





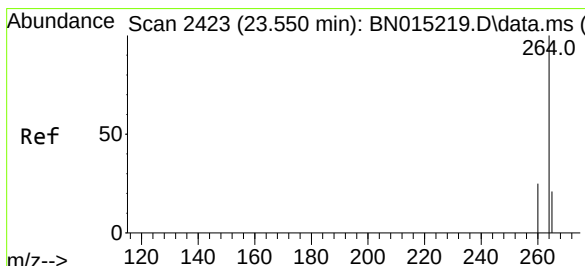
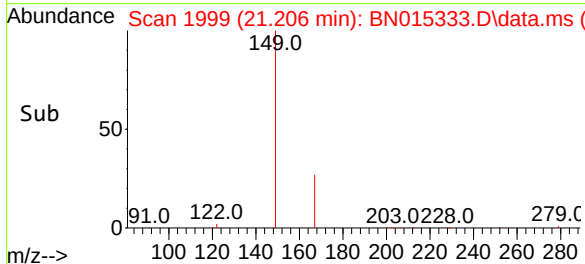
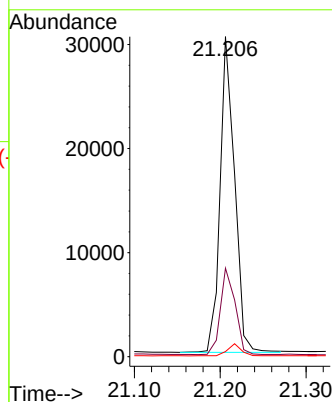
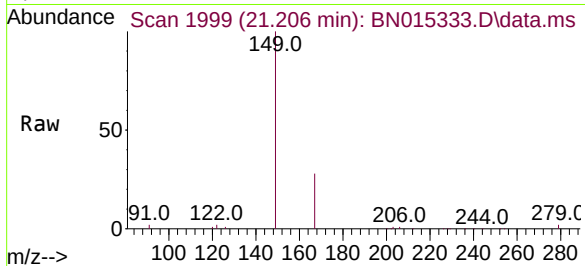
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion:149 Resp: 35541
Ion Ratio Lower Upper
149 100
167 27.9 28.9 43.3#
279 3.6 4.9 7.3#

Instrument :
BNA_N
ClientSampleId :
DUP04-20210618

Manual Integrations
APPROVED

mohammad
7/6/2021 10:04:14 AM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.532 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BN015333.D
Acq: 03 Jul 2021 14:25

Tgt Ion:264 Resp: 73518
Ion Ratio Lower Upper
264 100
260 25.0 20.6 31.0
265 22.9 21.4 32.2

