

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016662.D
 Acq On : 02 Oct 2021 08:45
 Operator : CG/JU
 Sample : M3829-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210917

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:48:23 AM

Quant Time: Oct 04 03:33:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	30014	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	138203	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	74054	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	144642	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	133323	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	137557	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	9168	0.12	ng	0.02
5) Phenol-d6	6.822	99	5447	0.07	ng	0.00
8) Nitrobenzene-d5	8.784	82	22246	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	62153	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9731	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	84388	0.28	ng	-0.01
27) Fluoranthene-d10	19.063	212	145111	0.38	ng	0.00
31) Terphenyl-d14	19.678	244	129228	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	74472m	5.39	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.164	149	25419	0.16	ng	98

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

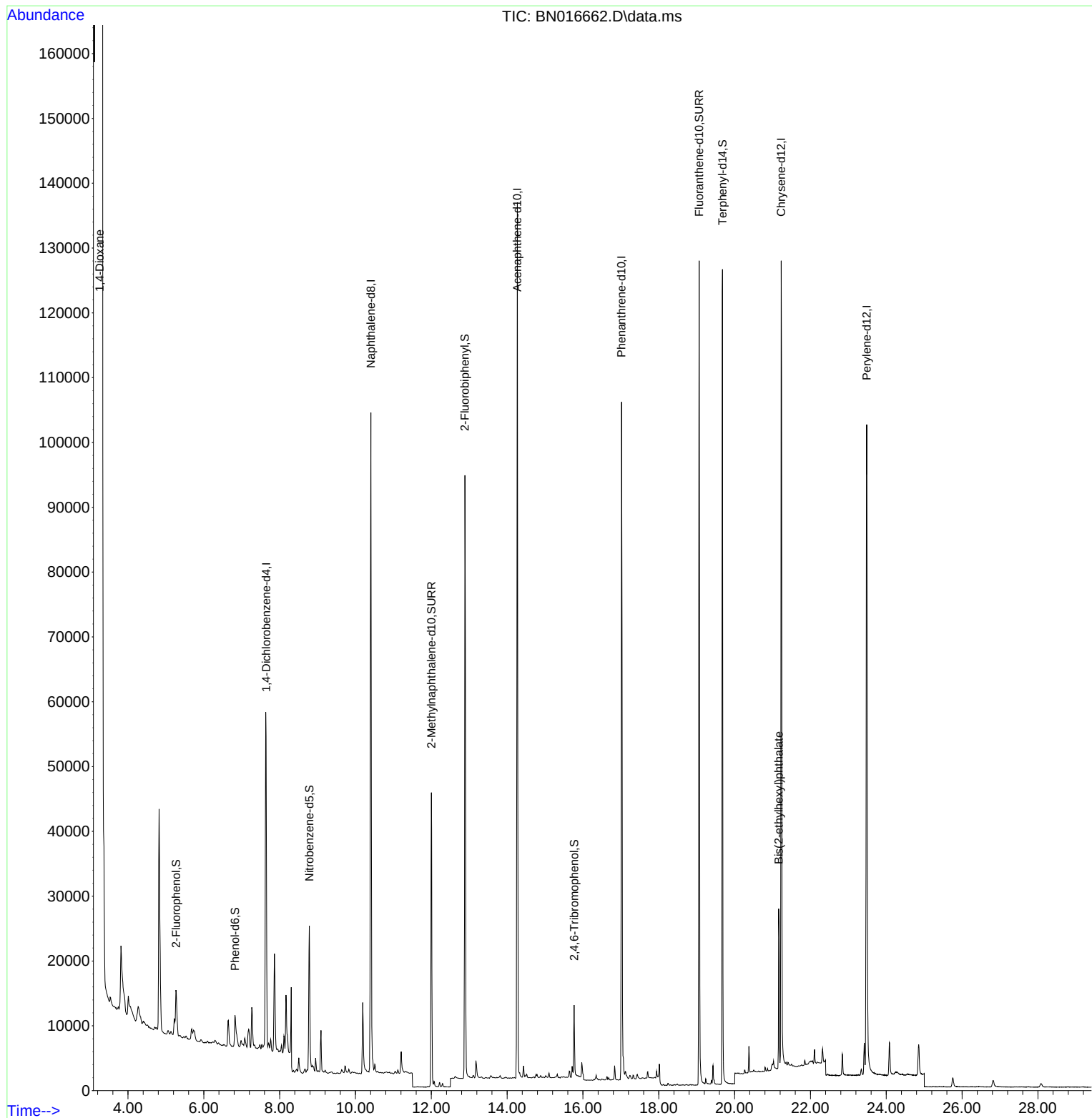
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016662.D
Acq On : 02 Oct 2021 08:45
Operator : CG/JU
Sample : M3829-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

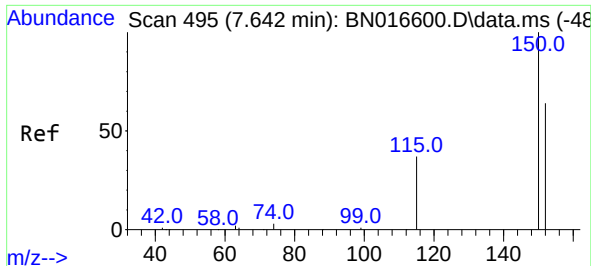
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917

Manual Integrations
APPROVED

mohammad
10/4/2021 11:48:23 AM

Quant Time: Oct 04 03:33:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration





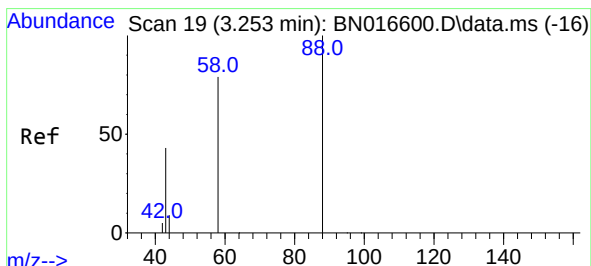
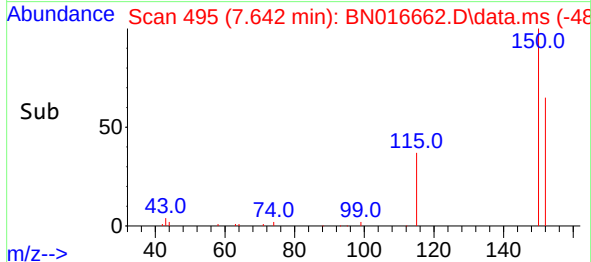
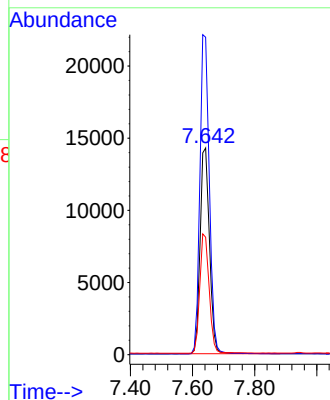
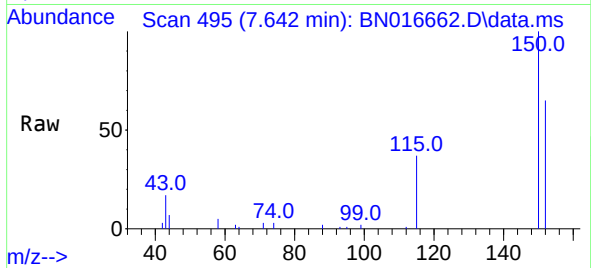
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016662.D
 Acq: 02 Oct 2021 08:45

Tgt Ion: 152 Resp: 30014
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 56.8 46.5 69.7

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210917

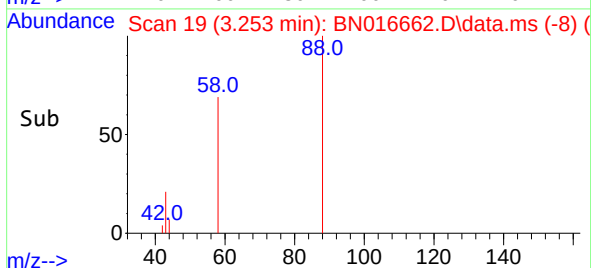
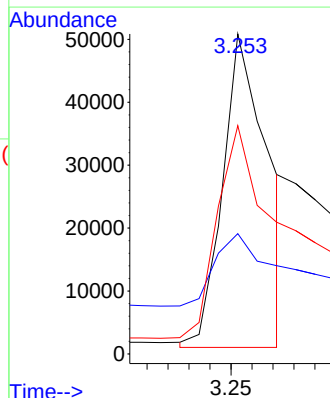
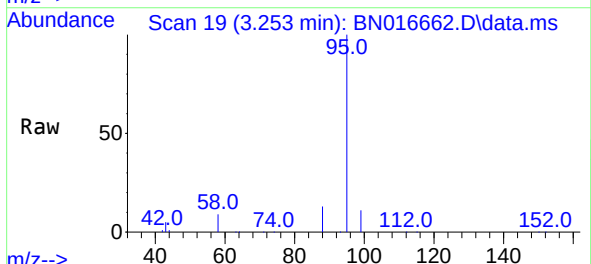
Manual Integrations
 APPROVED

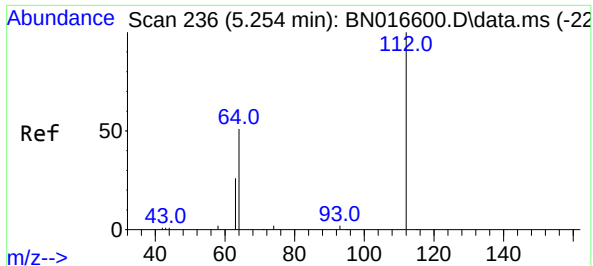
mohammad
 10/4/2021 11:48:23 AM



#2
 1,4-Dioxane
 Concen: 5.39 ng m
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016662.D
 Acq: 02 Oct 2021 08:45

Tgt Ion: 88 Resp: 74472
 Ion Ratio Lower Upper
 88 100
 43 30.1 37.8 56.8#
 58 84.7 61.3 91.9





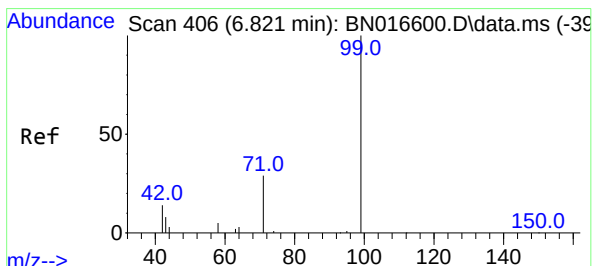
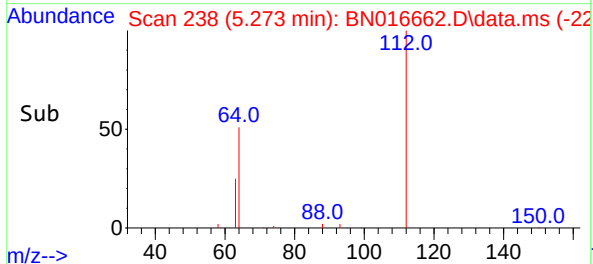
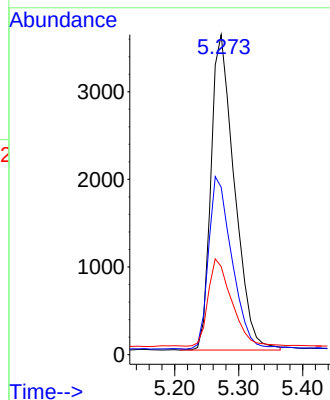
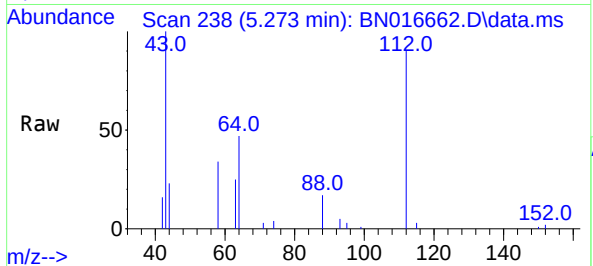
#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

Tgt Ion: 112 Resp: 9168
Ion Ratio Lower Upper
112 100
64 54.6 43.1 64.7
63 28.0 21.6 32.4

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917

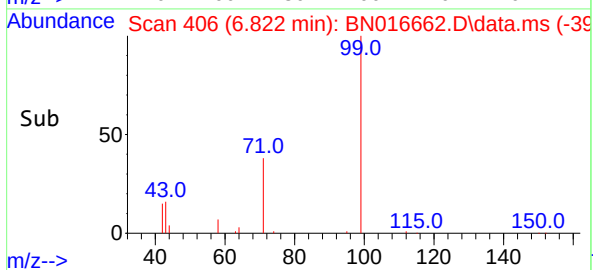
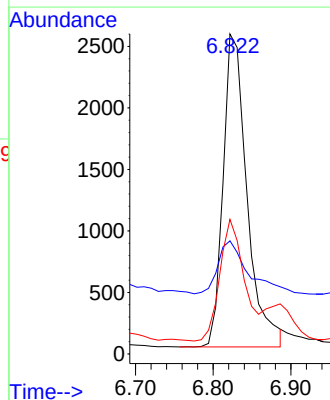
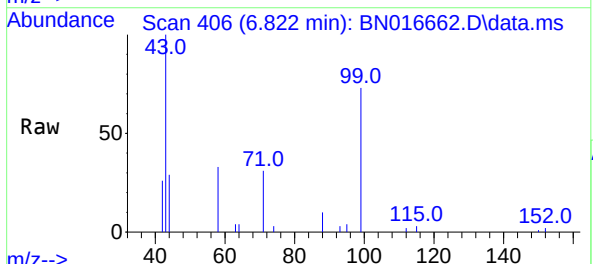
Manual Integrations
APPROVED

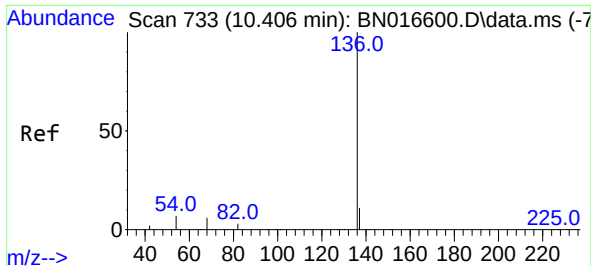
mohammad
10/4/2021 11:48:23 AM



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

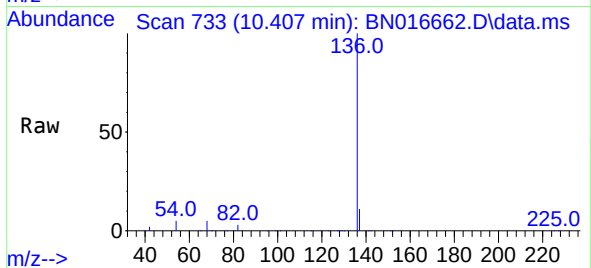
Tgt Ion: 99 Resp: 5447
Ion Ratio Lower Upper
99 100
42 20.9 13.0 19.6#
71 39.9 23.5 35.3#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

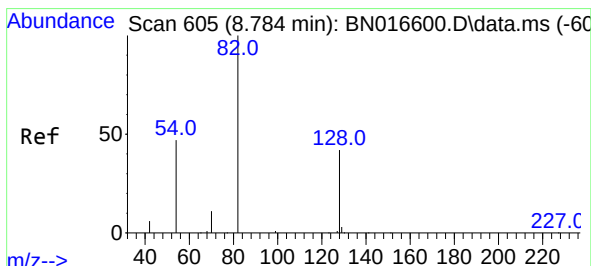
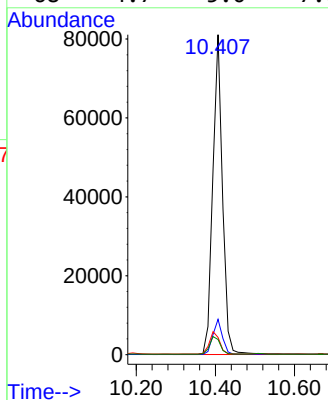
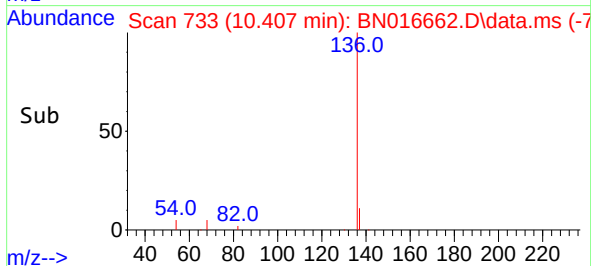
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917



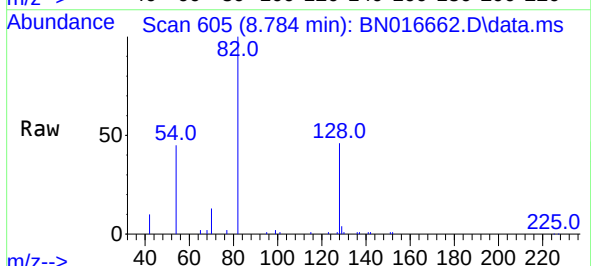
Tgt Ion:136 Resp: 138203
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 5.4 5.9 8.9#
68 4.7 5.0 7.6#

Manual Integrations
APPROVED

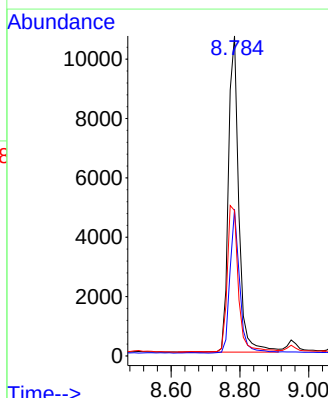
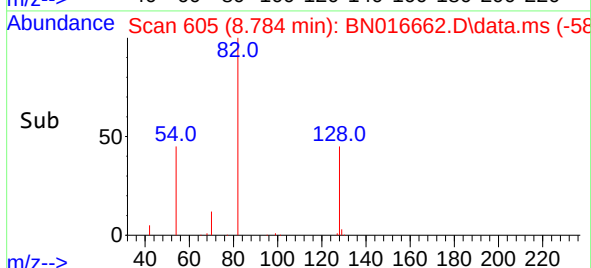
mohammad
10/4/2021 11:48:23 AM

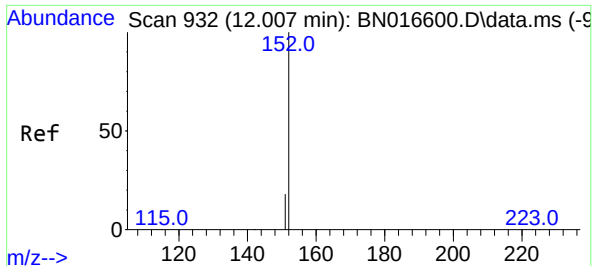


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45



Tgt Ion: 82 Resp: 22246
Ion Ratio Lower Upper
82 100
128 45.8 33.6 50.4
54 45.5 37.6 56.4





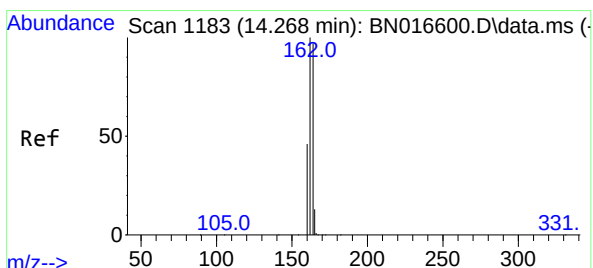
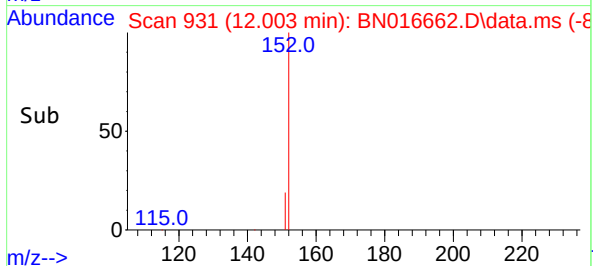
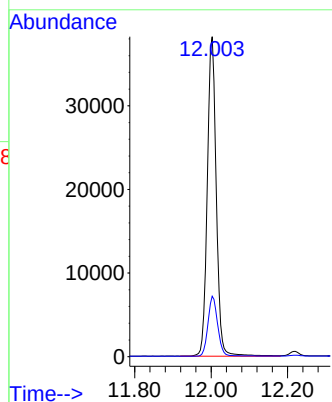
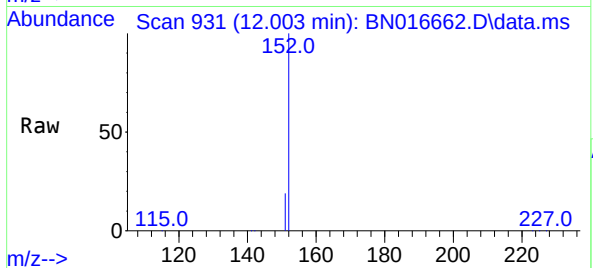
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

Tgt Ion:152 Resp: 62153
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917

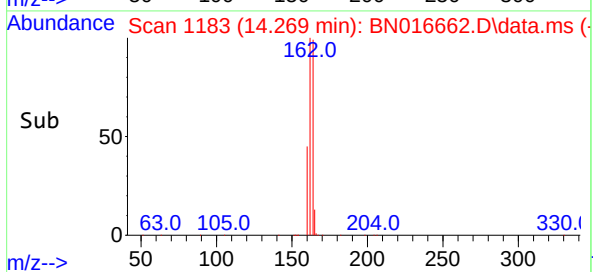
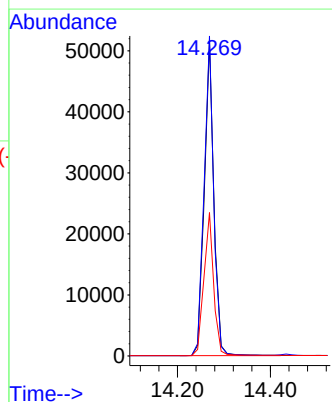
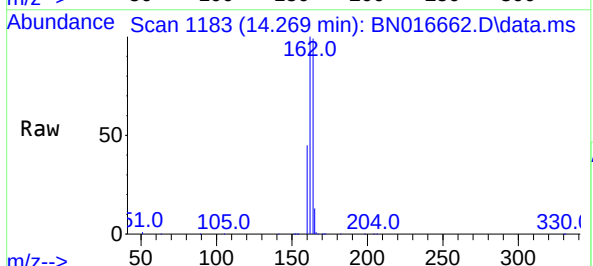
Manual Integrations
APPROVED

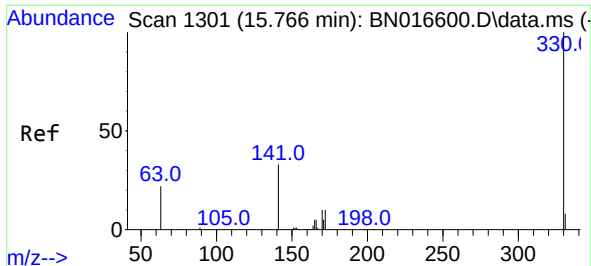
mohammad
10/4/2021 11:48:23 AM



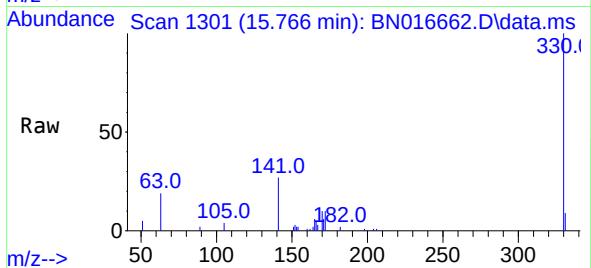
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

Tgt Ion:164 Resp: 74054
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.4 37.7 56.5

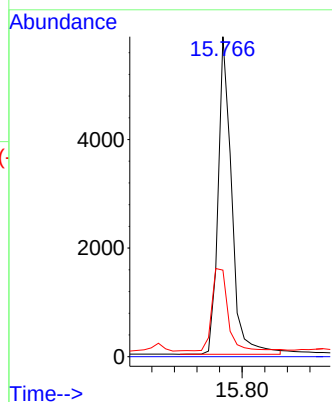




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45



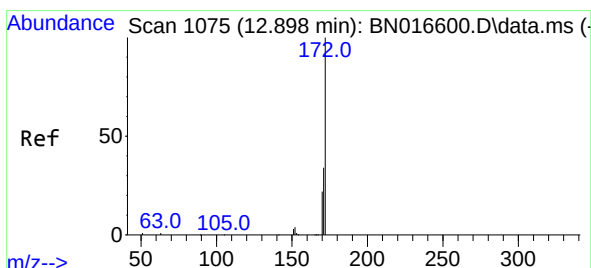
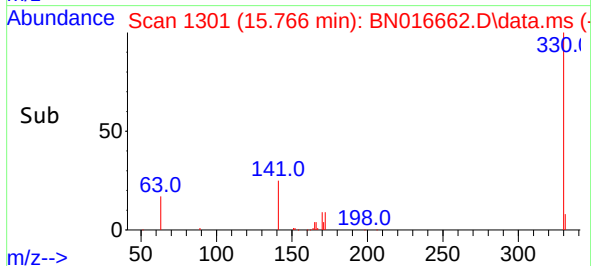
Tgt Ion: 330 Resp: 9731
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 25.2 37.8



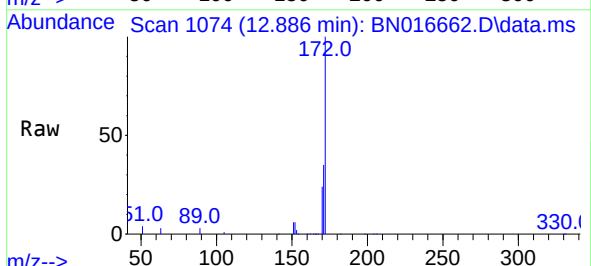
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917

Manual Integrations
APPROVED

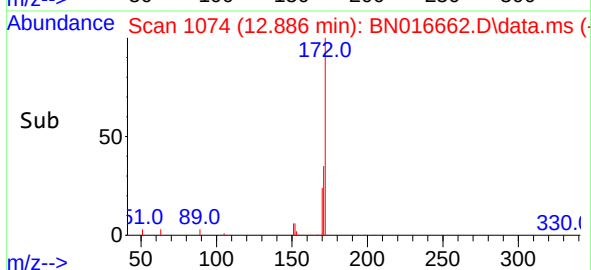
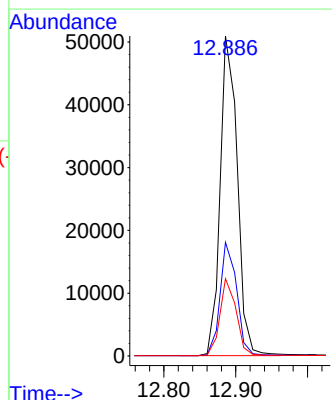
mohammad
10/4/2021 11:48:23 AM

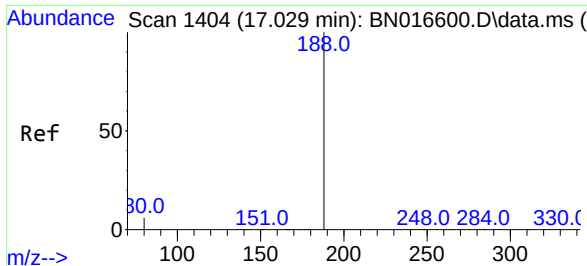


#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

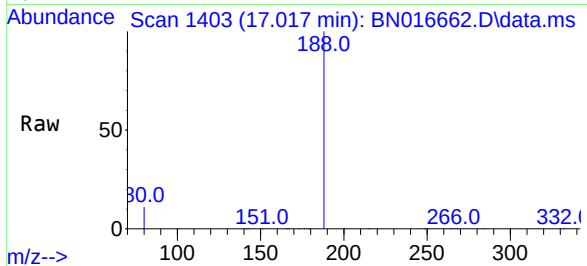


Tgt Ion: 172 Resp: 84388
Ion Ratio Lower Upper
172 100
171 35.5 27.0 40.4
170 24.2 17.4 26.2

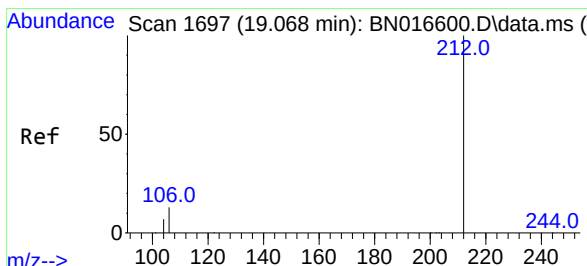
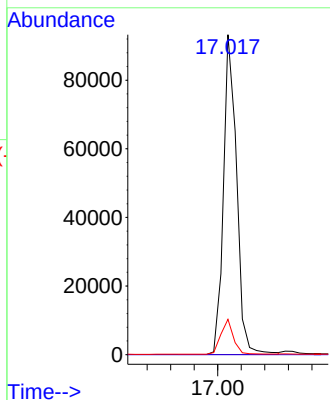
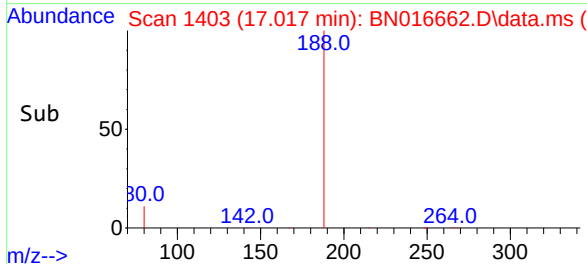




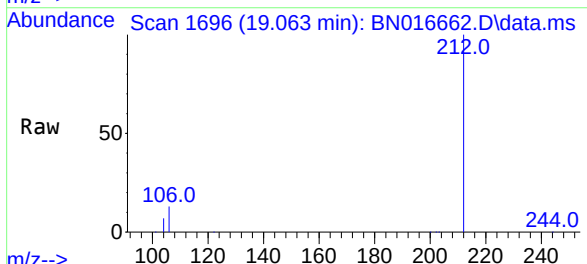
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45



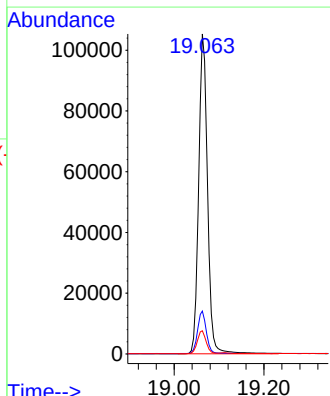
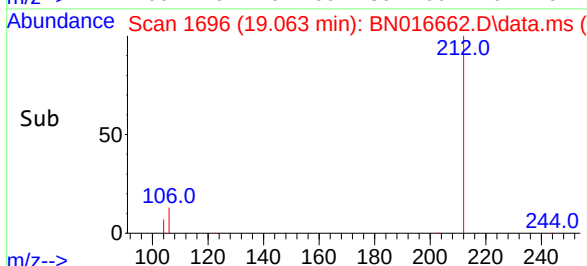
Tgt Ion:188 Resp: 144642
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 5.0 7.6#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45



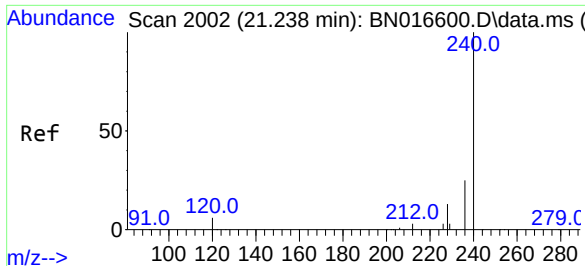
Tgt Ion:212 Resp: 145111
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.1 5.9 8.9



Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917

Manual Integrations
APPROVED

mohammad
10/4/2021 11:48:23 AM



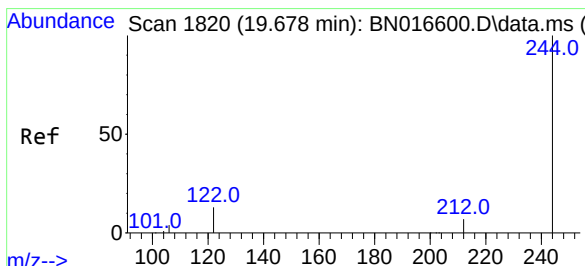
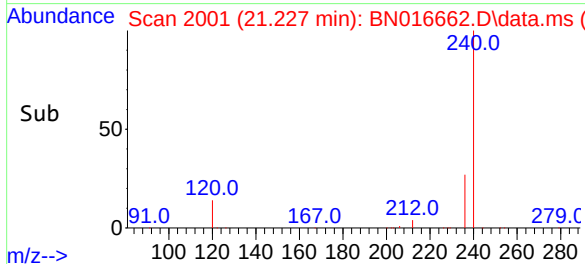
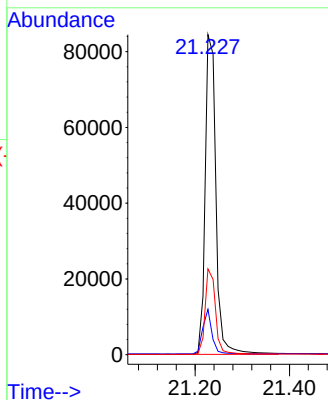
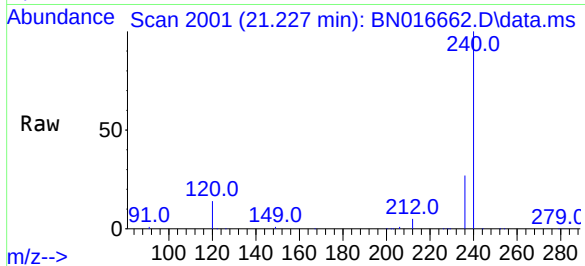
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

Tgt Ion:240 Resp: 133323
Ion Ratio Lower Upper
240 100
120 14.2 5.0 7.4#
236 26.8 20.4 30.6

Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917

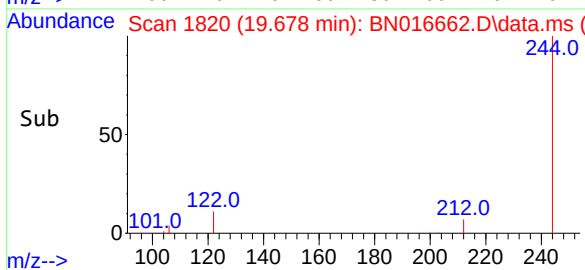
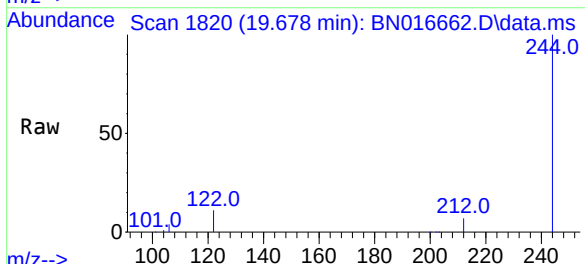
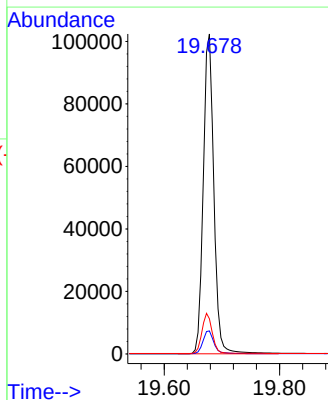
Manual Integrations
APPROVED

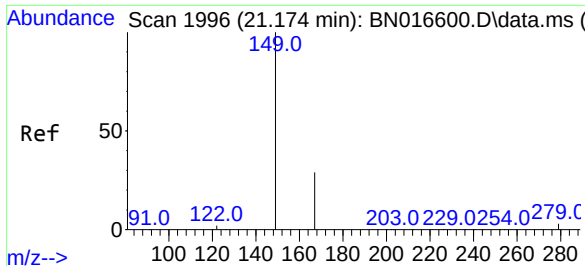
mohammad
10/4/2021 11:48:23 AM



#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

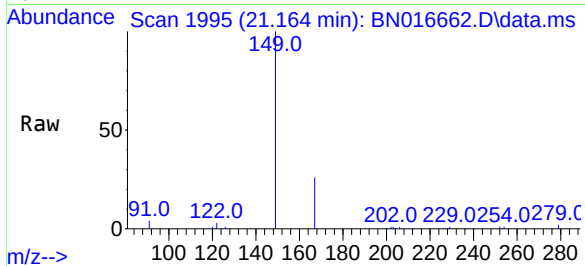
Tgt Ion:244 Resp: 129228
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.0 10.1 15.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

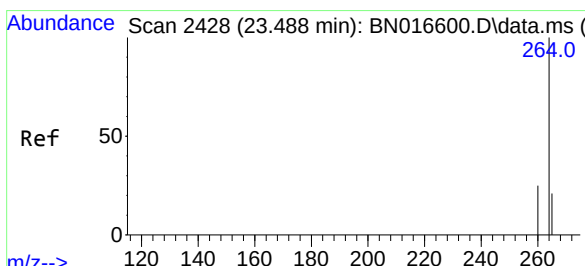
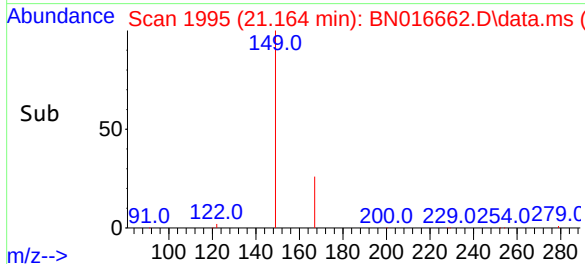
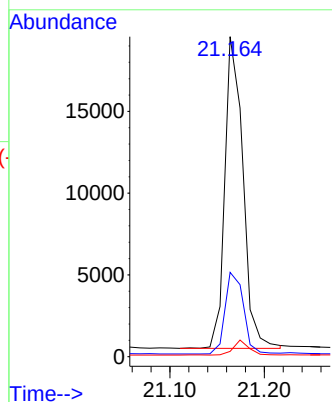
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210917



Tgt Ion:149 Resp: 25419
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.4
279 4.1 3.2 4.8

Manual Integrations
APPROVED

mohammad
10/4/2021 11:48:23 AM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016662.D
Acq: 02 Oct 2021 08:45

Tgt Ion:264 Resp: 137557
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 23.0 19.2 28.8

