

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010254.D
 Acq On : 18 Mar 2020 07:35
 Operator : CG/JU
 Sample : L1903-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310

Manual Integrations
 APPROVED

mohammad
 3/18/2020 4:01:48 PM

Quant Time: Mar 18 09:08:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3691	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13021	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7797	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	18615	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19669	0.40	ng	0.00
34) Perylene-d12	23.36	264	21152	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1011	0.12	ng	0.00
5) Phenol-d6	6.81	99	772	0.07	ng	0.00
8) Nitrobenzene-d5	8.76	82	4378	0.56	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	5976	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	896	0.32	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	17360	0.63	ng	0.00
25) Fluoranthene-d10	19.02	212	17232	0.30	ng	-0.01
29) Terphenyl-d14	19.64	244	23674	0.53	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.25	88	18274	5.075	ng	Qvalue # 53
6) bis(2-Chloroethyl)ether	7.07	93	600	0.066	ng	96
32) Bis(2-ethylhexyl)phthalate	21.13	149	5974m	0.210	ng	

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

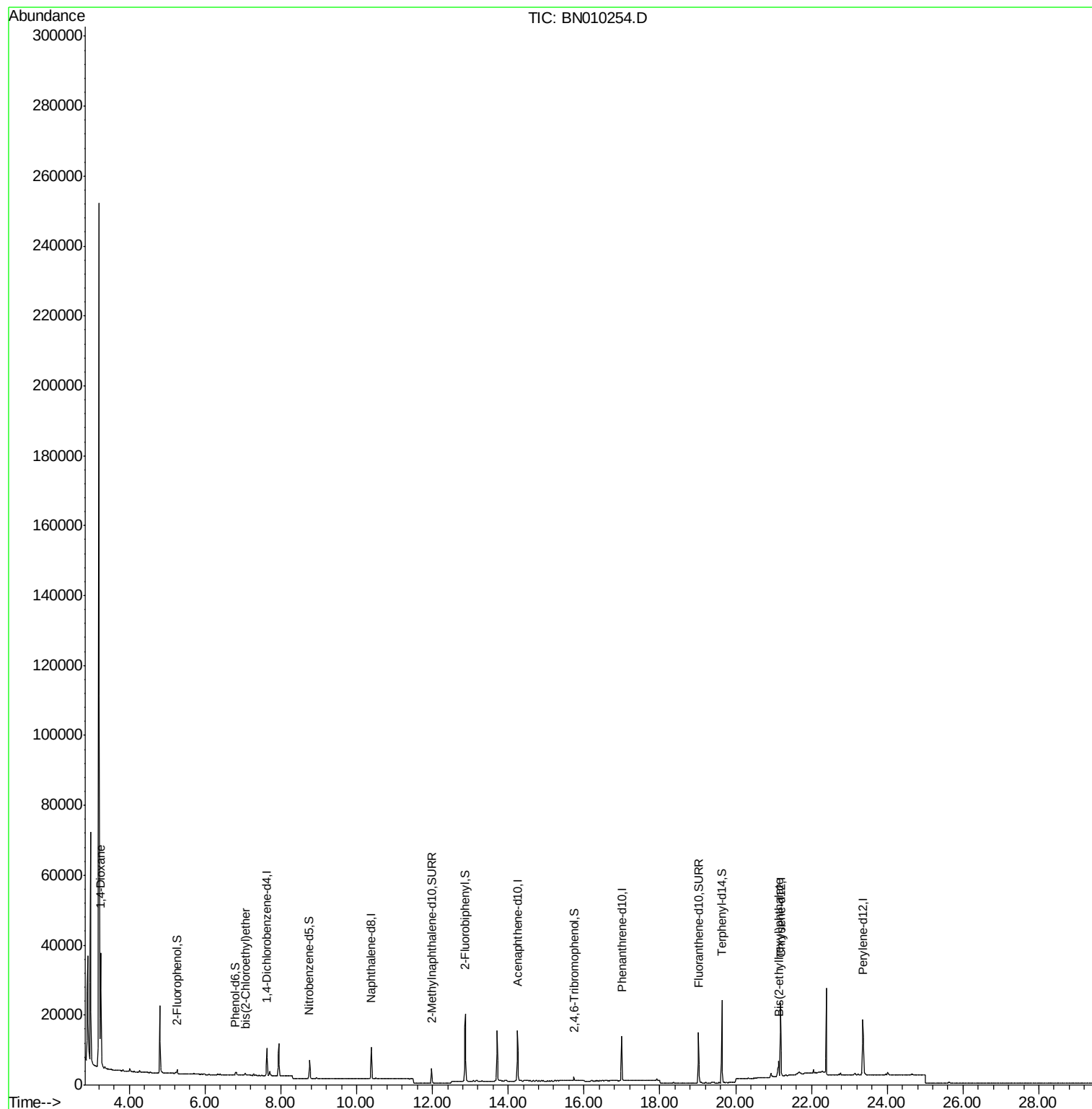
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010254.D
Acq On : 18 Mar 2020 07:35
Operator : CG/JU
Sample : L1903-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

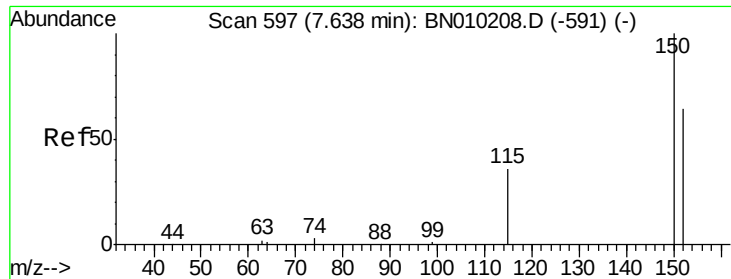
Instrument :
BNA_N
ClientSampleId :
TT101D1-20200310

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM

Quant Time: Mar 18 09:08:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

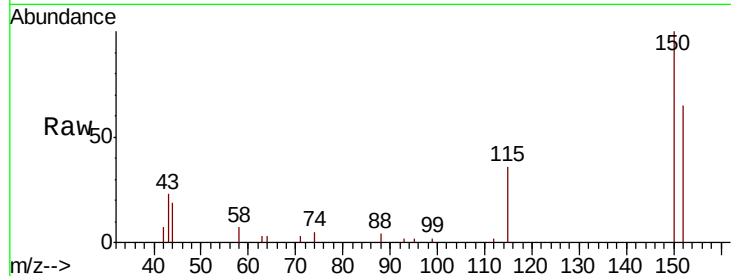
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010254.D
Acq: 18 Mar 2020 07:35

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200310

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	55.3	50.9	76.3

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM

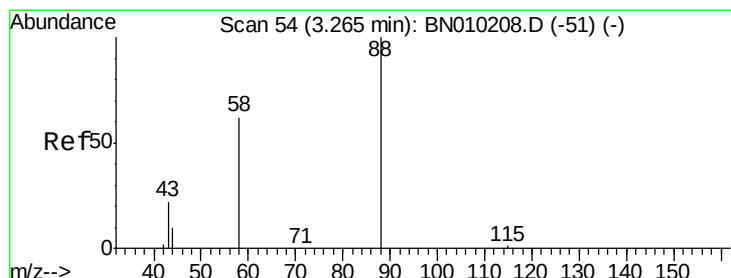
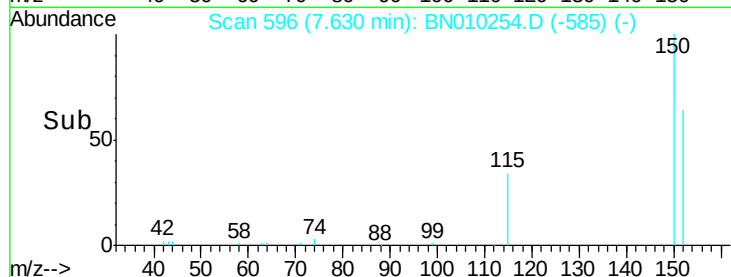
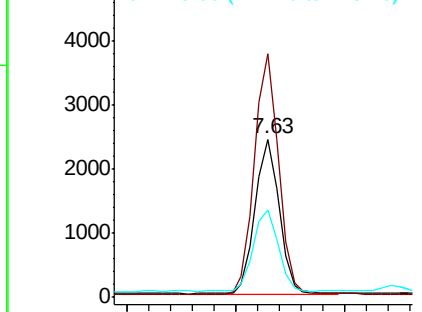


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

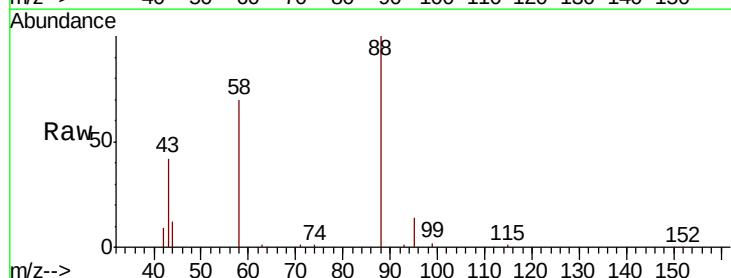
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.075 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010254.D
Acq: 18 Mar 2020 07:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	97.8	146.8#
43	27.9	45.1	67.7#

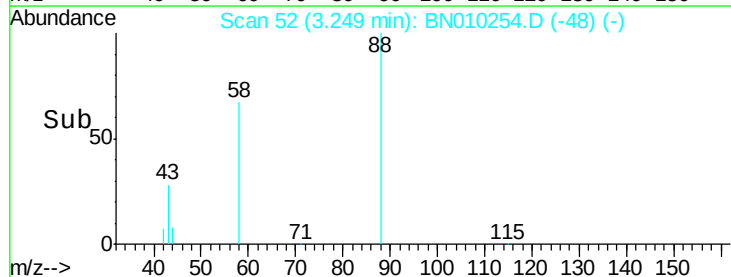
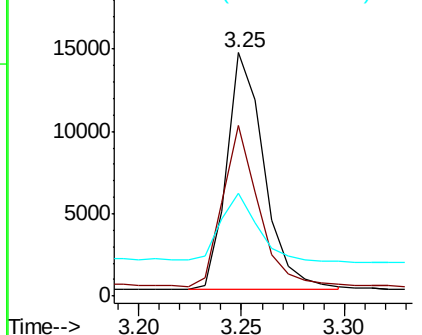


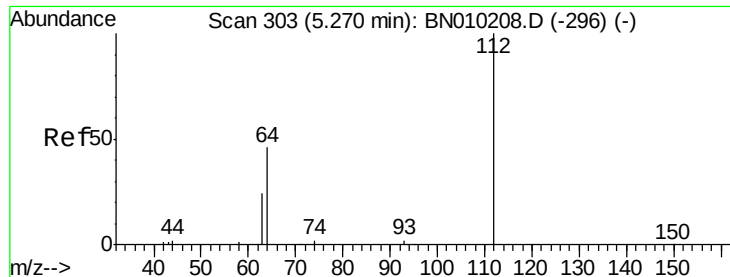
Abundance

Ion 88.00 (87.70 to 88.70): BNO

Ion 58.00 (57.70 to 58.70): BNO

Ion 43.00 (42.70 to 43.70): BNO





#4

2-Fluorophenol

Concen: 0.117 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Instrument :

BNA_N

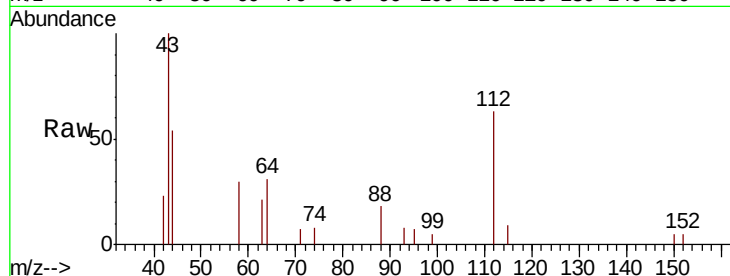
ClientSampleId :

TT101D1-20200310

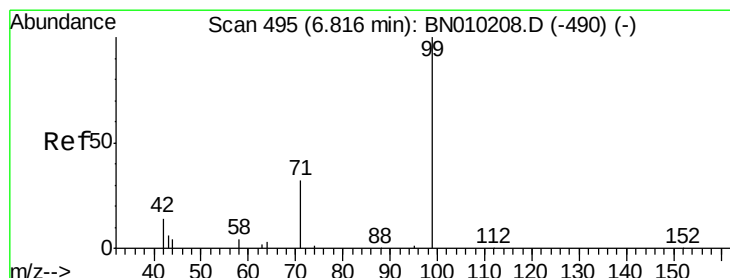
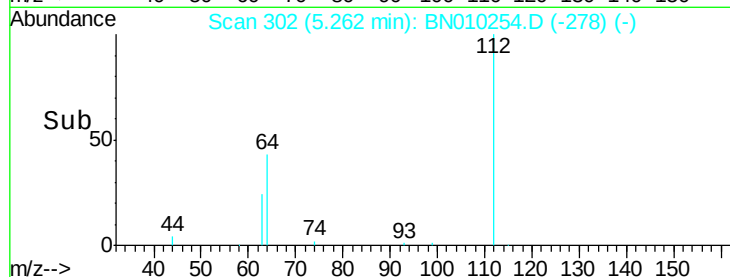
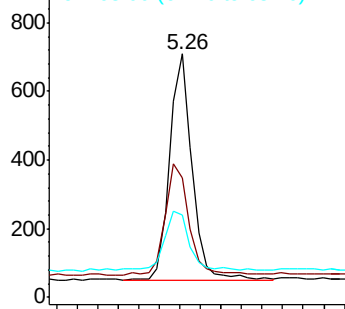
Tot Ion:	112	Resp:	1011
Ion Ratio	Lower	Upper	
112	100		
64	51.4	42.6	63.8
63	27.4	23.6	35.4

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM



Abundance Ion 112.00 (111.70 to 112.70): B



#5

Phenol-d6

Concen: 0.071 ng

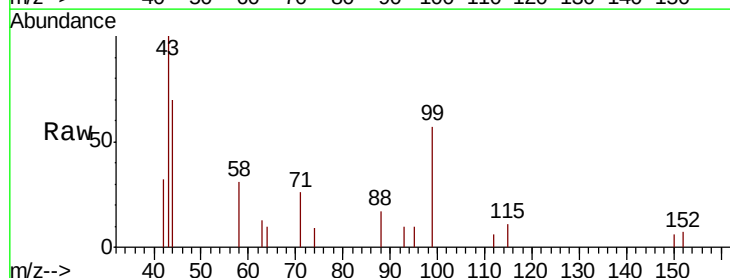
RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

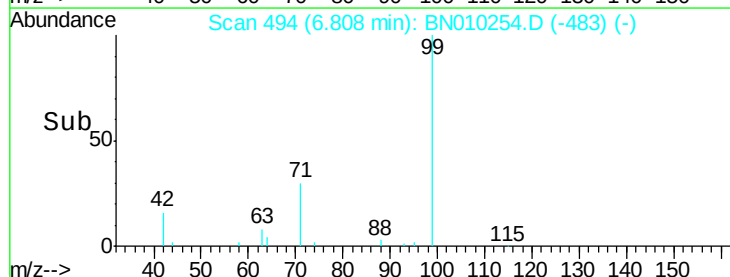
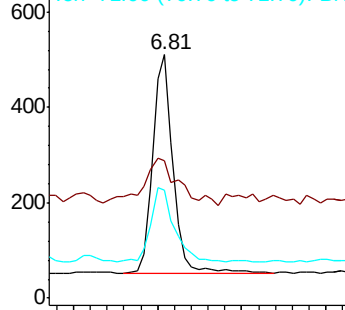
Lab File: BN010254.D

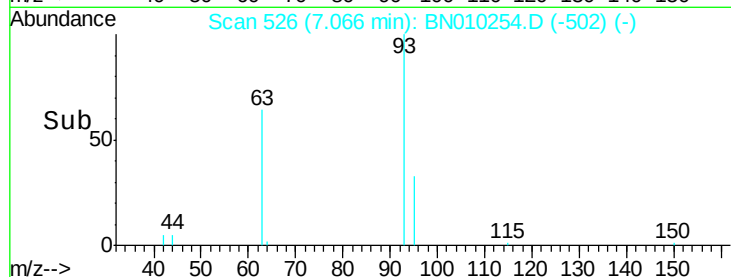
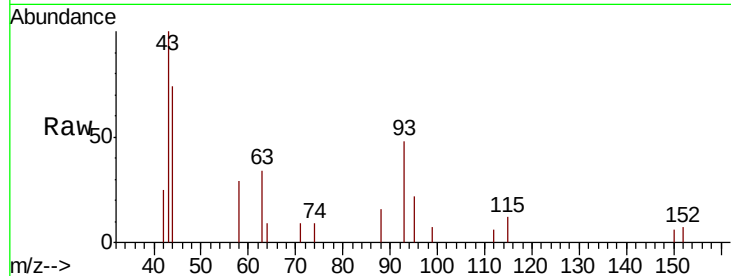
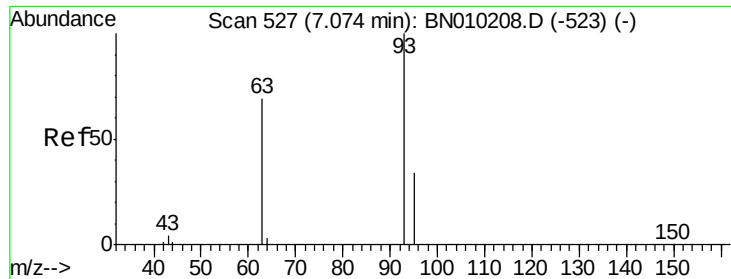
Acq: 18 Mar 2020 07:35

Tgt Ion:	99	Resp:	772
Ion Ratio	Lower	Upper	
99	100		
42	37.8	12.0	18.0#
71	39.1	22.6	33.8#



Abundance Ion 99.00 (98.70 to 99.70): BNO





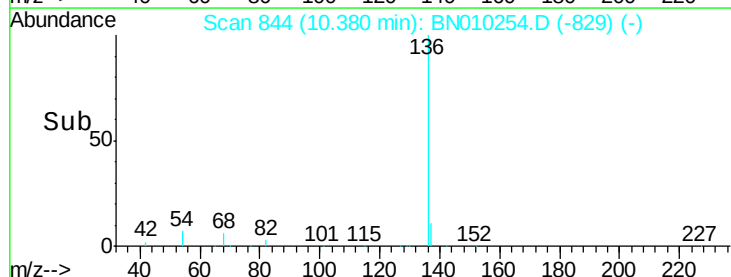
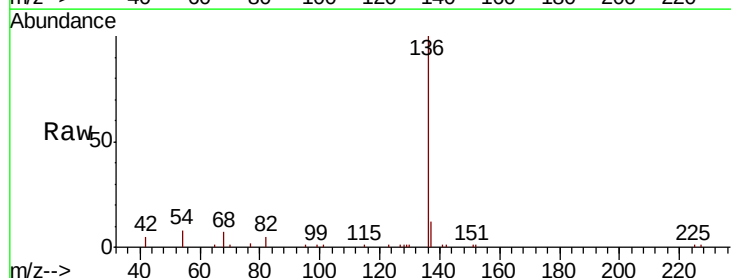
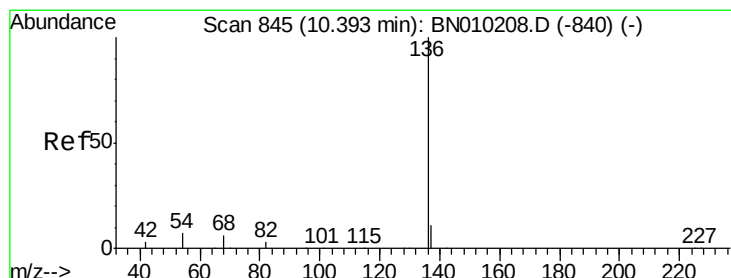
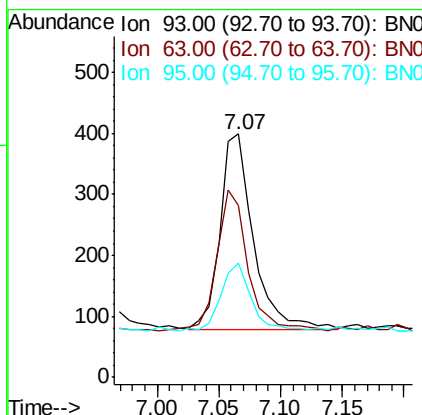
#6
bis(2-Chloroethyl)ether
Concen: 0.066 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010254.D
Acq: 18 Mar 2020 07:35

Tot Ion:	93	Resp:	600
Ion	Ratio	Lower	Upper
93	100		
63	68.3	53.4	80.0
95	30.7	28.6	42.8

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200310

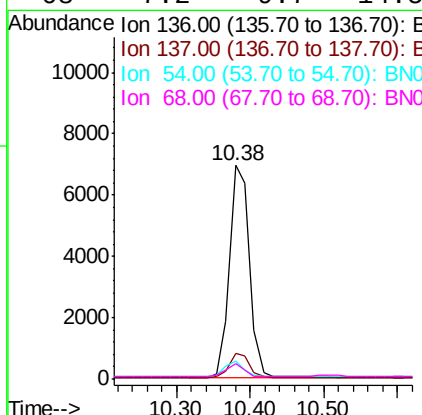
Manual Integrations
APPROVED

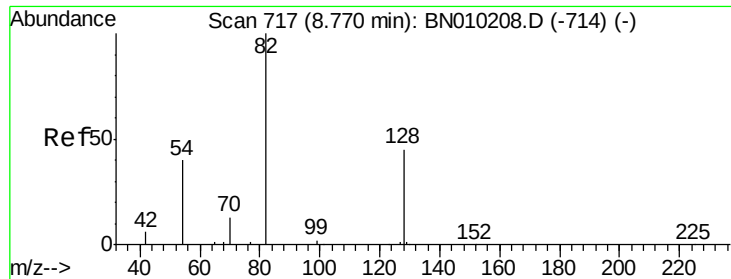
mohammad
3/18/2020 4:01:48 PM



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010254.D
Acq: 18 Mar 2020 07:35

Tgt Ion:	136	Resp:	13021
Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.6	15.8
54	8.3	9.5	14.3#
68	7.2	9.7	14.5#





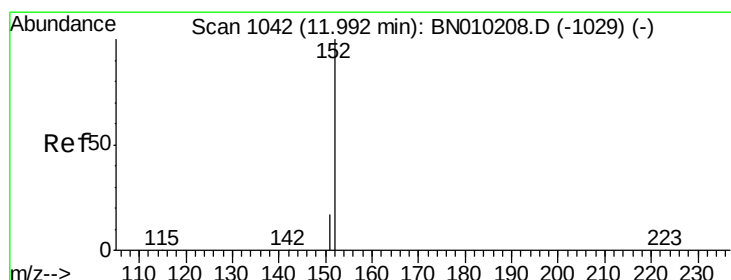
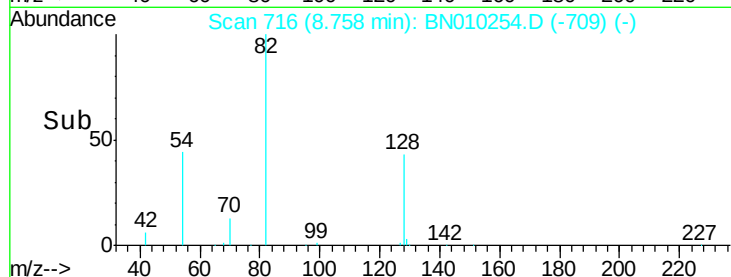
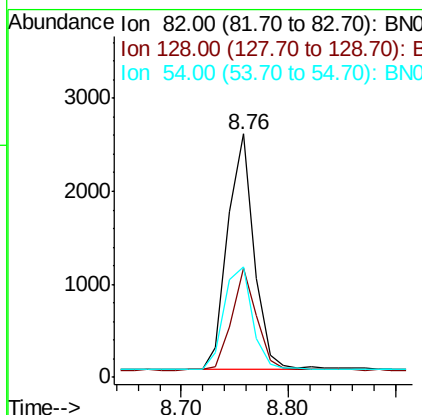
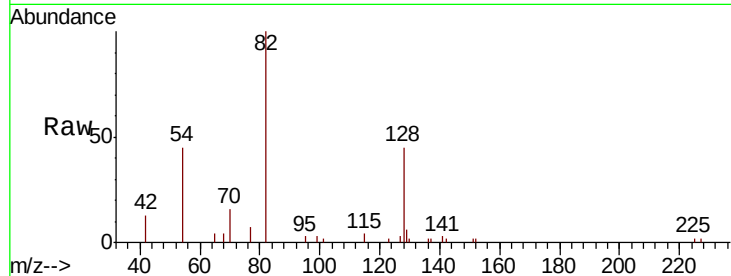
#8
 Nitrobenzene-d5
 Concen: 0.561 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010254.D
 Acq: 18 Mar 2020 07:35

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310

Tot Ion:	82	Resp:	4378
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.0	52.6
54	45.4	37.0	55.4

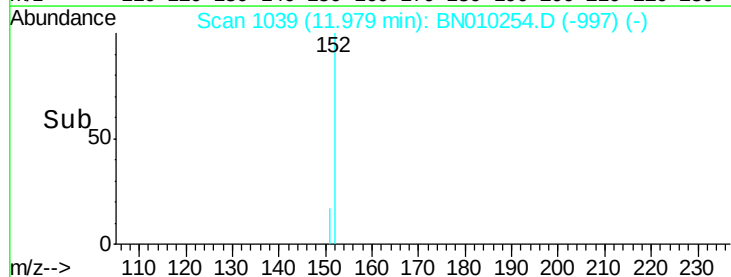
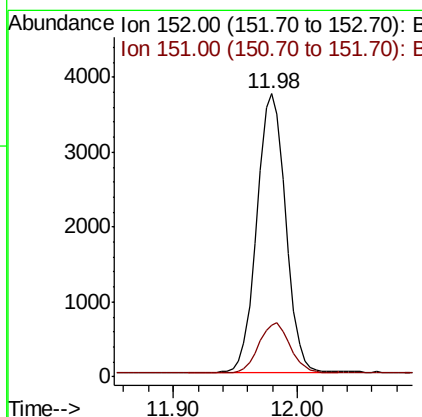
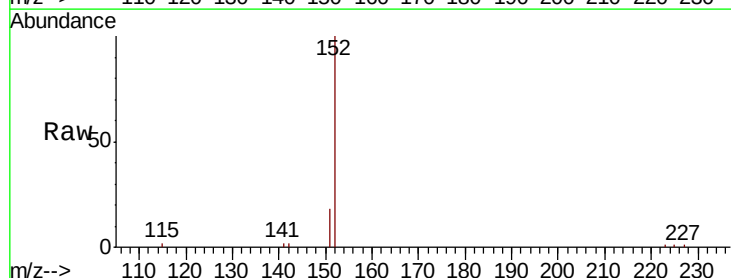
Manual Integrations
 APPROVED

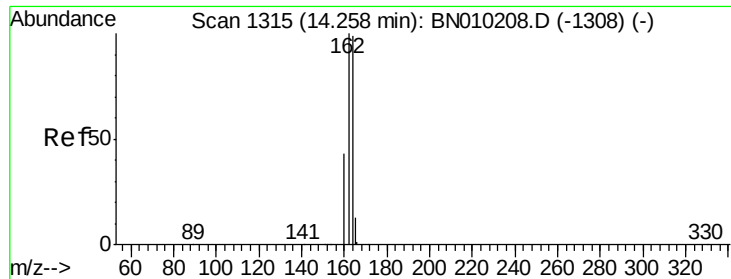
mohammad
 3/18/2020 4:01:48 PM



#11
 2-Methylnaphthalene-d10
 Concen: 0.278 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010254.D
 Acq: 18 Mar 2020 07:35

Tgt Ion:	152	Resp:	5976
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.0	22.6





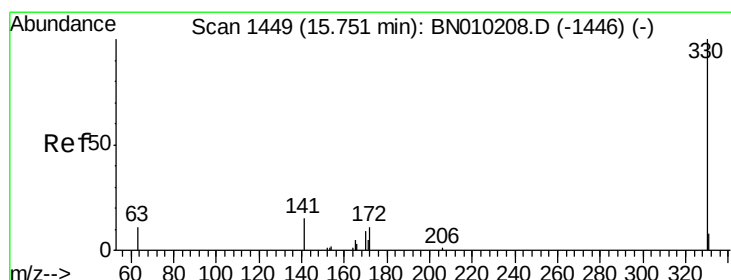
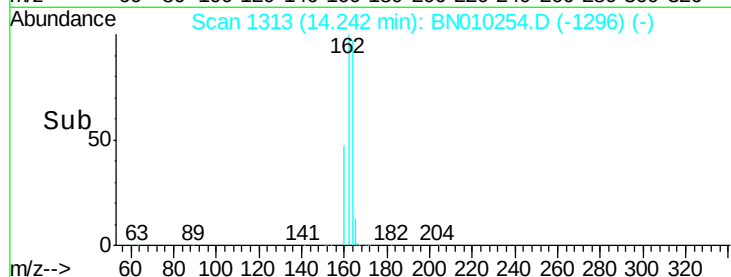
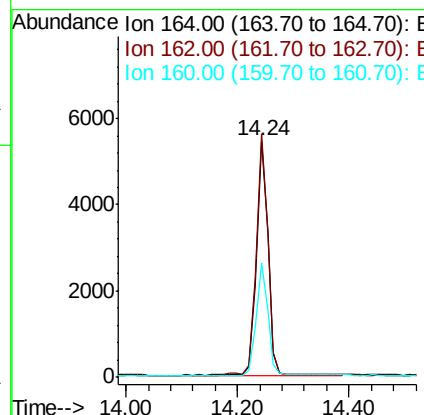
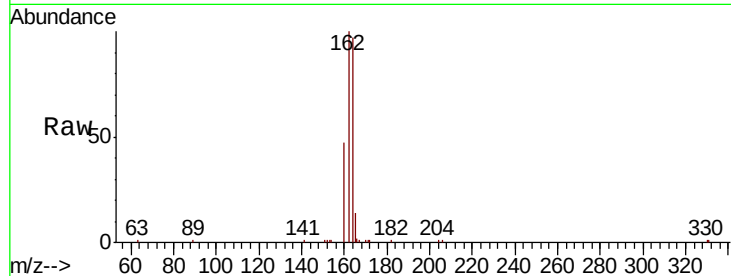
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010254.D
Acq: 18 Mar 2020 07:35

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200310

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.0	121.4
160	48.4	35.6	53.4

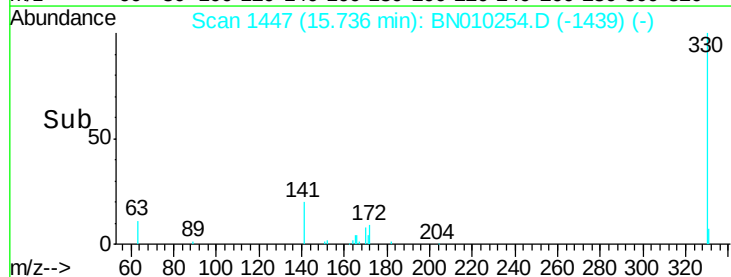
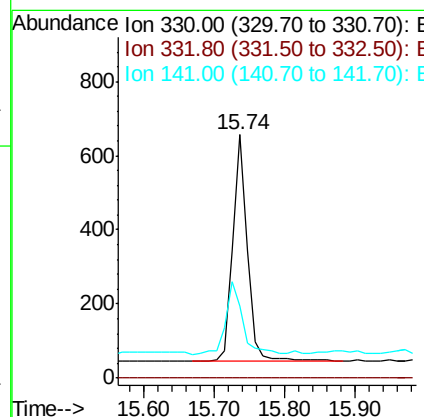
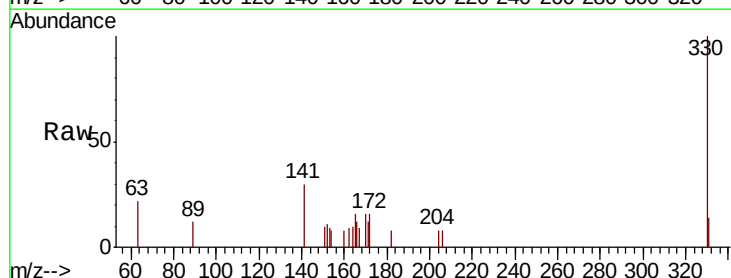
Manual Integrations
APPROVED

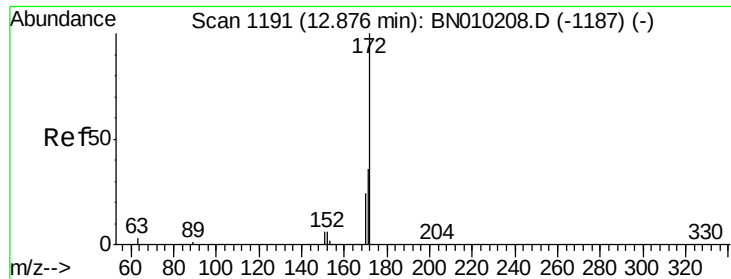
mohammad
3/18/2020 4:01:48 PM



#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.74 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010254.D
Acq: 18 Mar 2020 07:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.1	25.1	37.7





#15

2-Fluorobiphenyl

Concen: 0.625 ng

RT: 12.87 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Instrument :

BNA_N

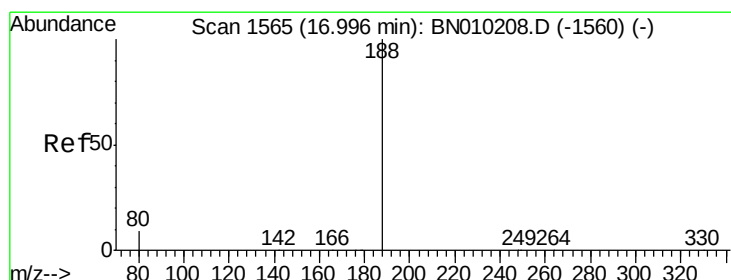
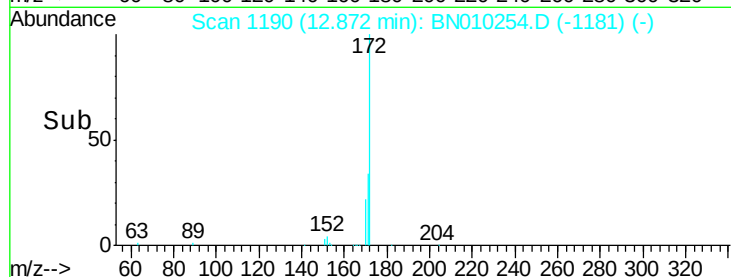
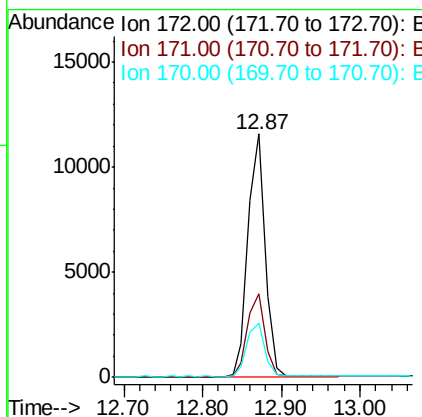
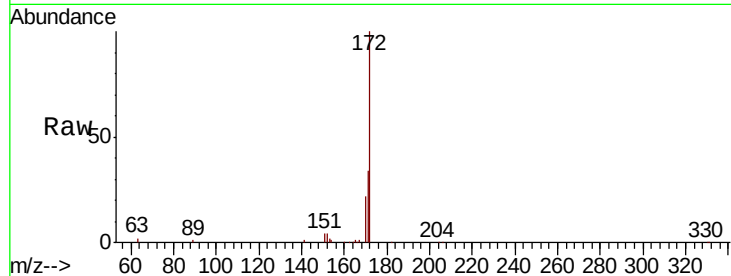
ClientSampleId :

TT101D1-20200310

Tot Ion:	172	Resp:	17360
Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.4	44.2
170	22.3	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM



#19

Phenanthrene-d10

Concen: 0.400 ng

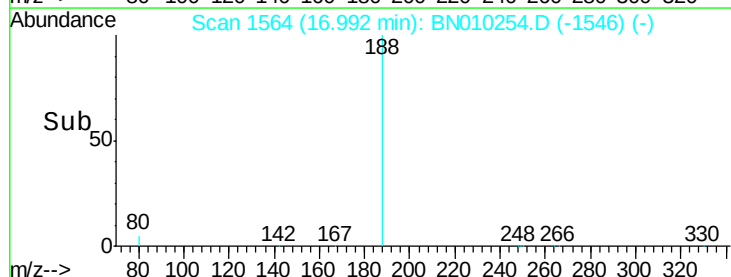
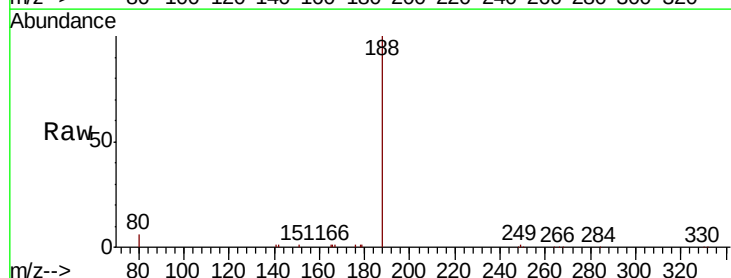
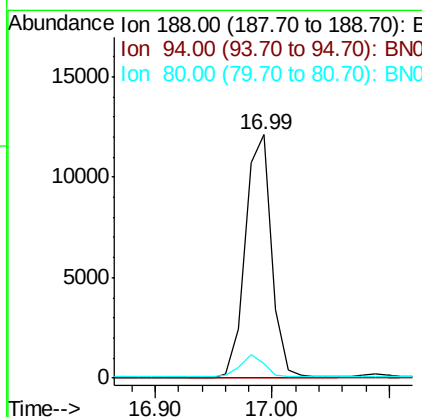
RT: 16.99 min Scan# 1564

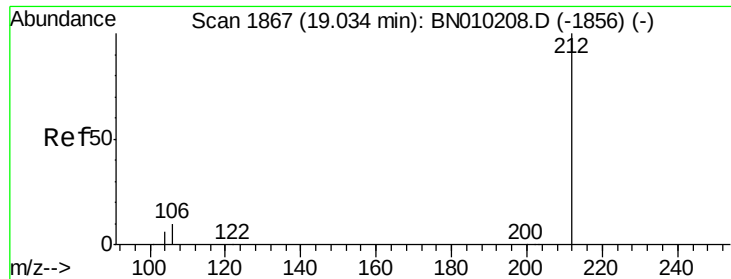
Delta R.T. -0.00 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Tgt Ion:	188	Resp:	18615
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	8.6	12.8#





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Instrument :

BNA_N

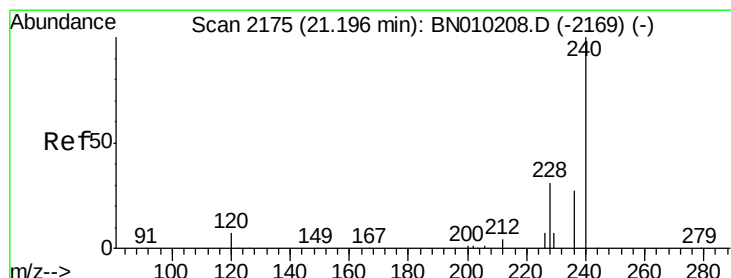
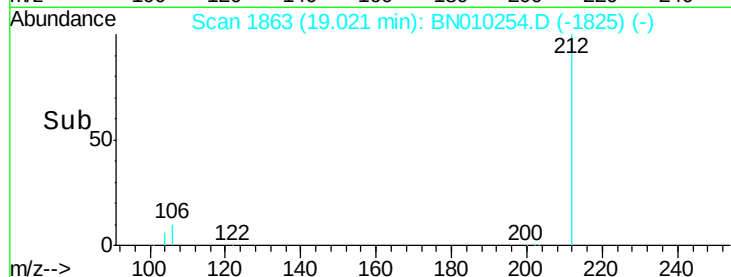
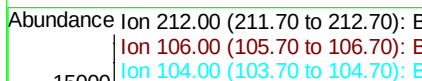
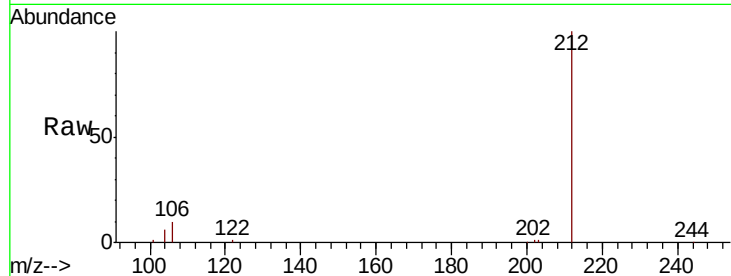
ClientSampleId :

TT101D1-20200310

Tot Ion:	212	Resp:	17232
Ion Ratio	Lower	Upper	
212	100		
106	9.5	8.1	12.1
104	5.4	4.7	7.1

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM



#27

Chrysene-d12

Concen: 0.400 ng

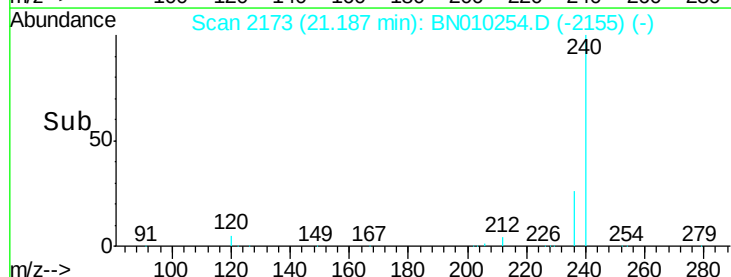
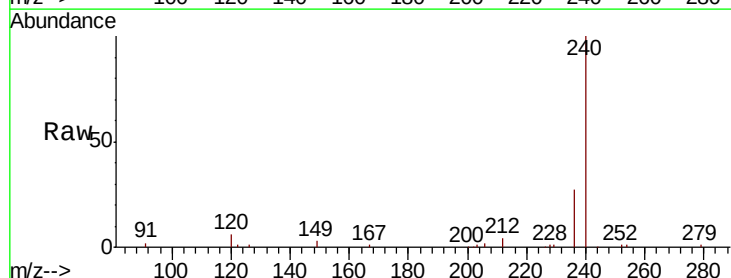
RT: 21.19 min Scan# 2173

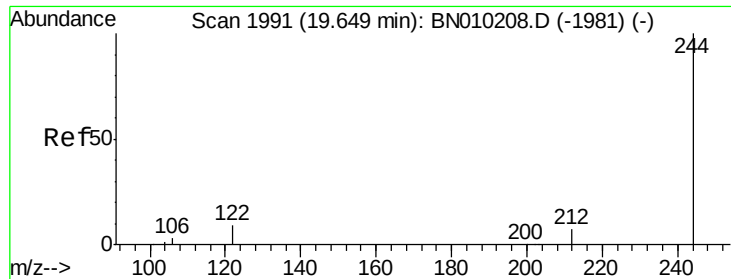
Delta R.T. -0.01 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Tgt Ion:	240	Resp:	19669
Ion Ratio	Lower	Upper	
240	100		
120	6.0	7.7	11.5#
236	26.7	21.8	32.6





#29

Terphenyl-d14

Concen: 0.528 ng

RT: 19.64 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Instrument :

BNA_N

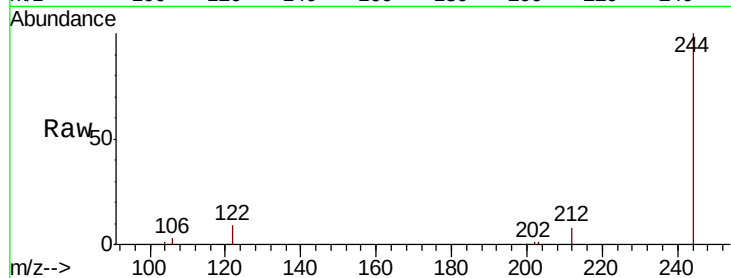
ClientSampleId :

TT101D1-20200310

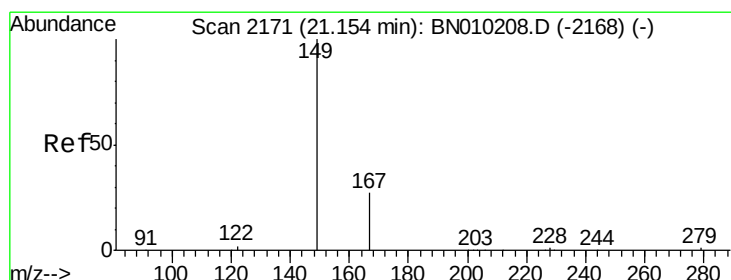
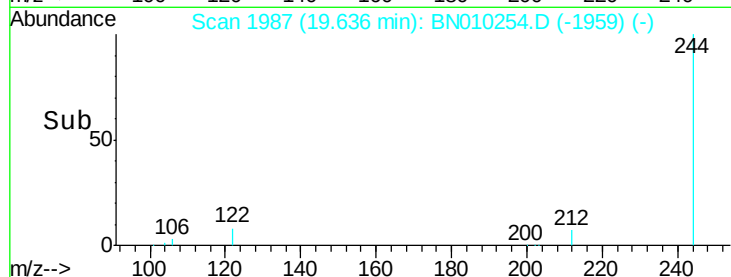
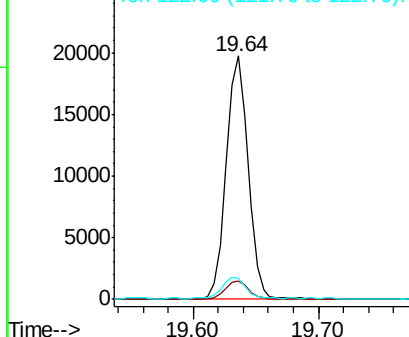
Tot Ion:	244	Resp:	23674
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.4	9.6
122	8.6	8.1	12.1

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.210 ng m

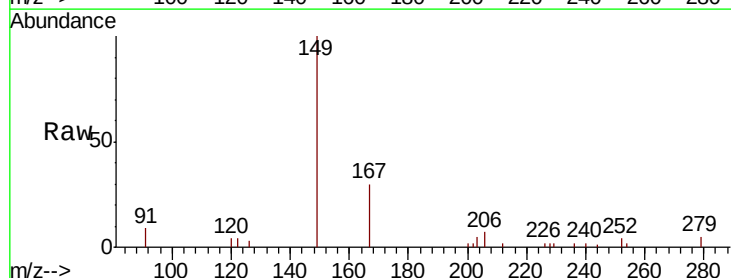
RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

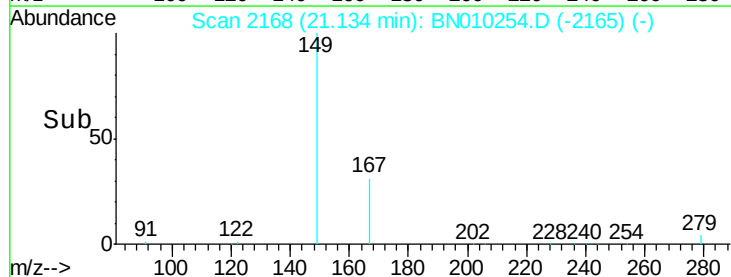
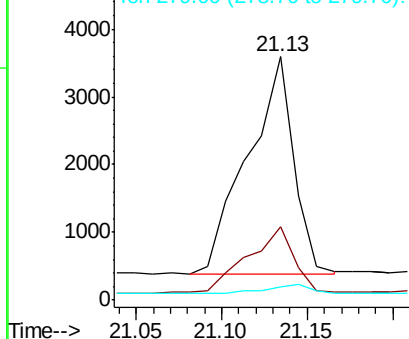
Lab File: BN010254.D

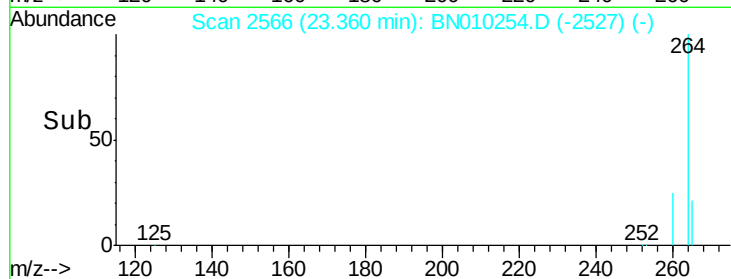
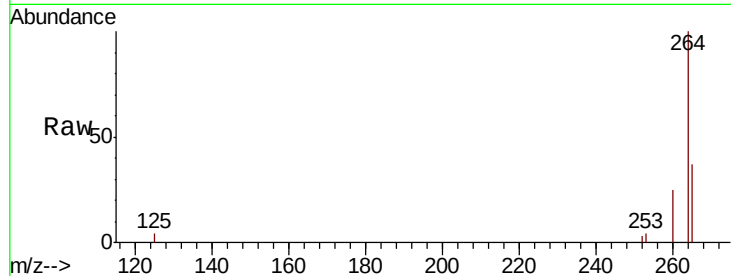
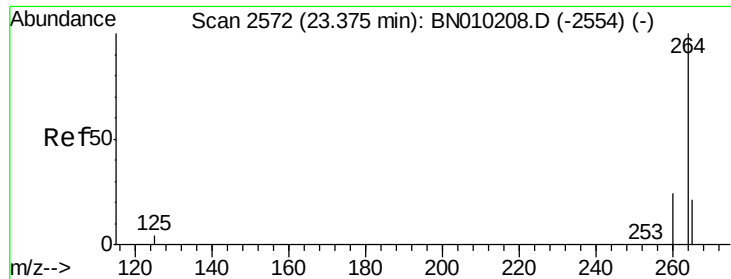
Acq: 18 Mar 2020 07:35

Tgt Ion:	149	Resp:	5974
Ion Ratio	Lower	Upper	
149	100		
167	20.3	21.0	31.4#
279	3.0	3.1	4.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010254.D

Acq: 18 Mar 2020 07:35

Tot Ion:	264	Resp:	21152
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.7	29.5
265	37.0	25.8	38.6

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310

Manual Integrations
APPROVED

mohammad
3/18/2020 4:01:48 PM

