

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010278.D
 Acq On : 18 Mar 2020 23:56
 Operator : CG/JU
 Sample : L1945-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20200312

Manual Integrations
 APPROVED

mohammad
 3/19/2020 2:43:26 PM

Quant Time: Mar 19 01:49:04 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	3772	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12998	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7923	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19116m	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19507	0.40	ng	-0.01
34) Perylene-d12	23.35	264	21878	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1735	0.20	ng	0.00
5) Phenol-d6	6.81	99	1571	0.14	ng	0.00
8) Nitrobenzene-d5	8.76	82	5980	0.77	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7949	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1214	0.43	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	23346	0.83	ng	-0.01
25) Fluoranthene-d10	19.02	212	22917	0.39	ng	-0.01
29) Terphenyl-d14	19.63	244	30423	0.68	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.25	88	13647	3.708	ng	Qvalue # 52
6) bis(2-Chloroethyl)ether	7.06	93	187	0.020	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	1875m	0.066	ng	

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

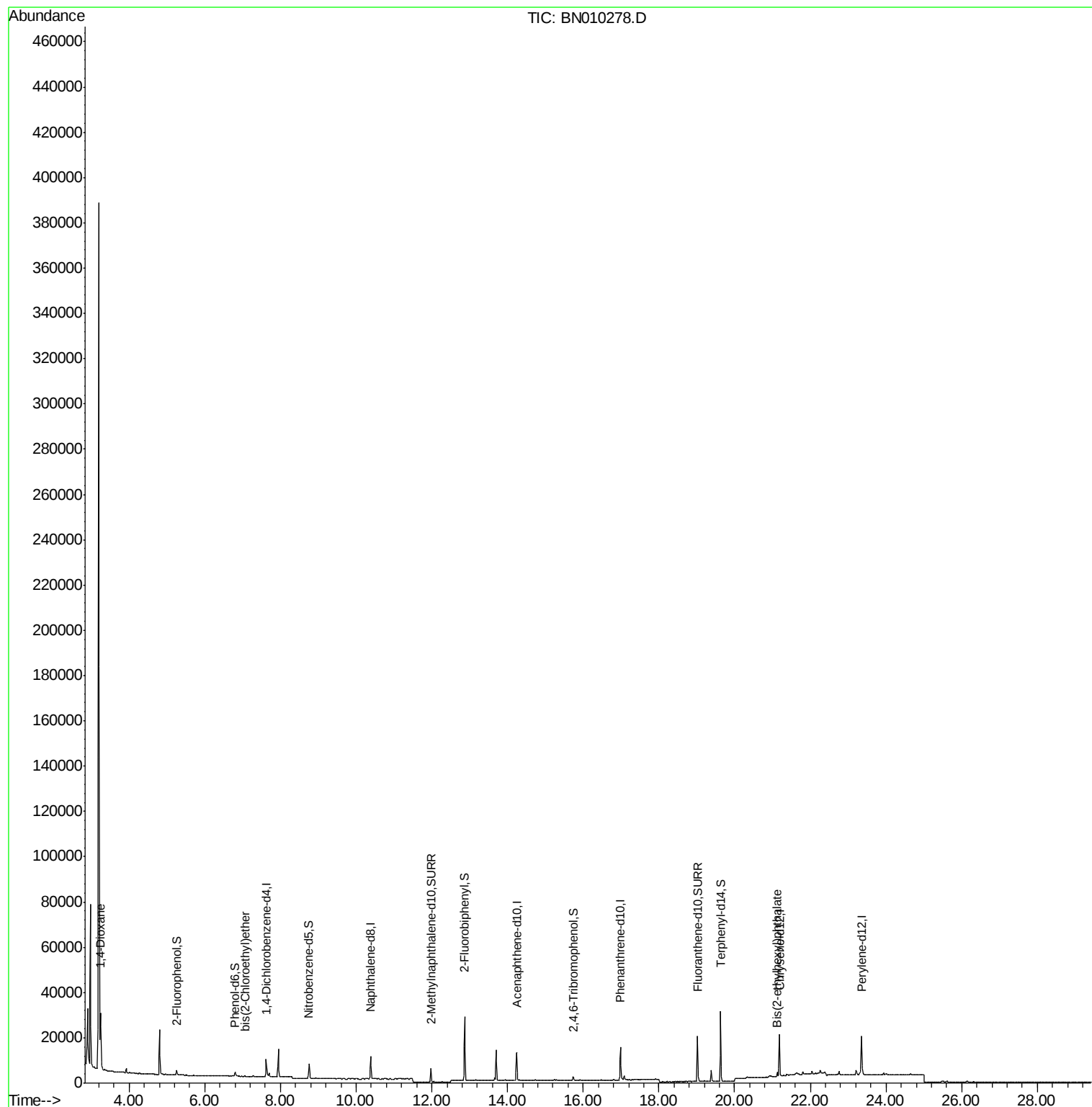
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010278.D
Acq On : 18 Mar 2020 23:56
Operator : CG/JU
Sample : L1945-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

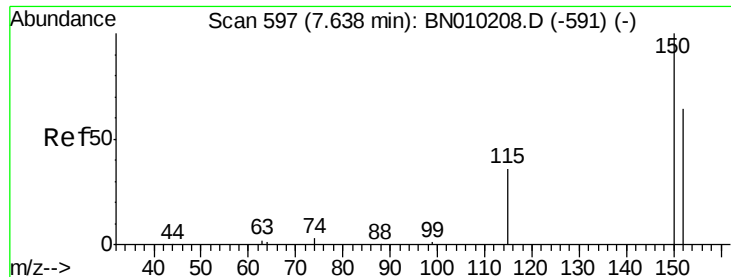
Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:26 PM

Quant Time: Mar 19 01:49:04 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

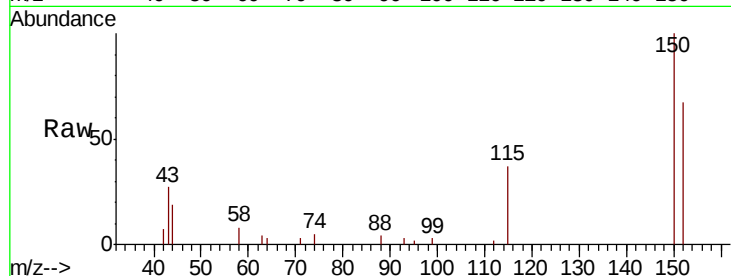
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

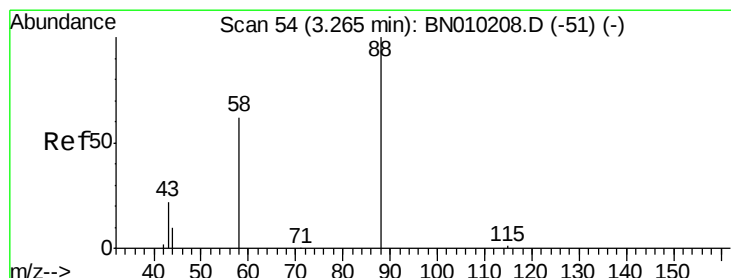
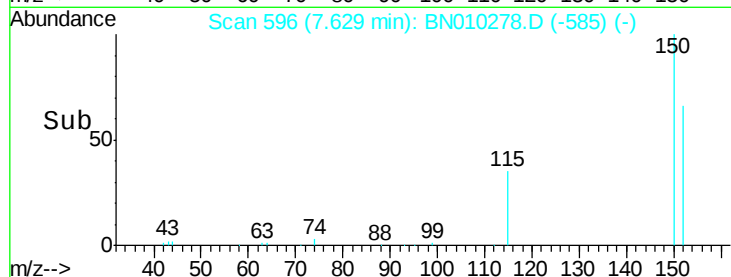
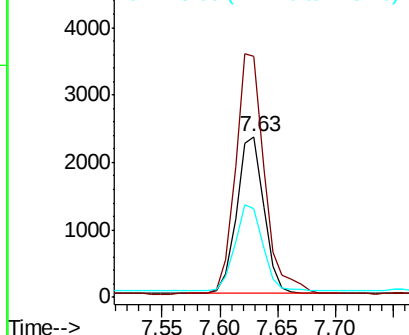
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	55.5	50.9	76.3

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:26 PM



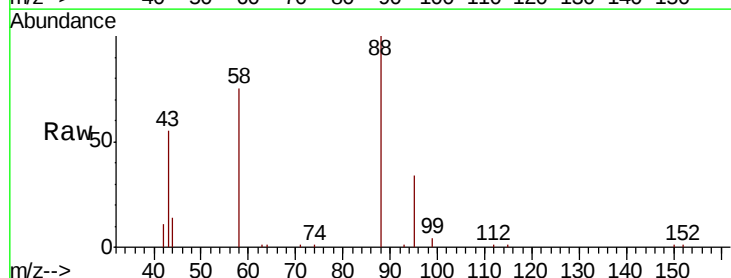
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



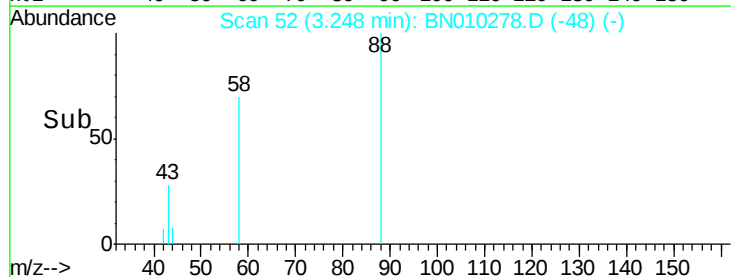
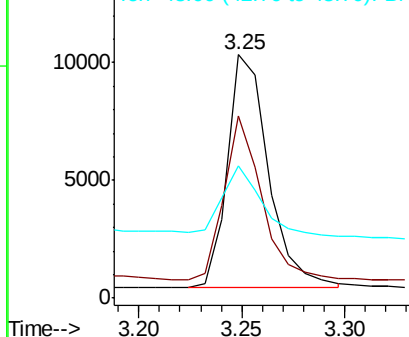
#2

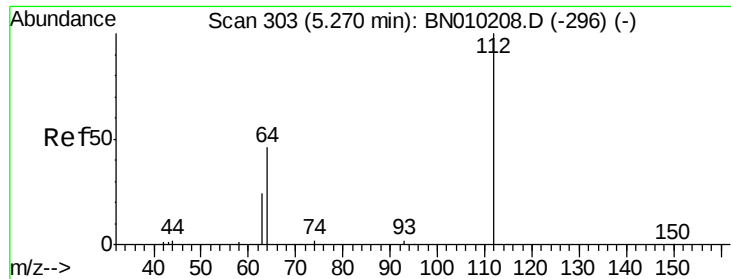
1,4-Dioxane
Concen: 3.708 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	97.8	146.8#
43	28.4	45.1	67.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.196 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010278.D

Acq: 18 Mar 2020 23:56

Instrument :

BNA_N

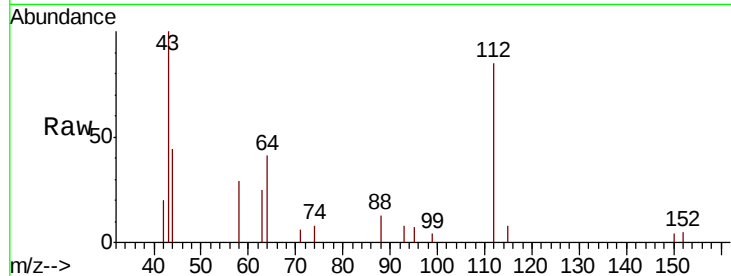
ClientSampleId :

RE122D1-20200312

Tot Ion:	112	Resp:	1735
Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	63.8
63	28.5	23.6	35.4

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:26 PM



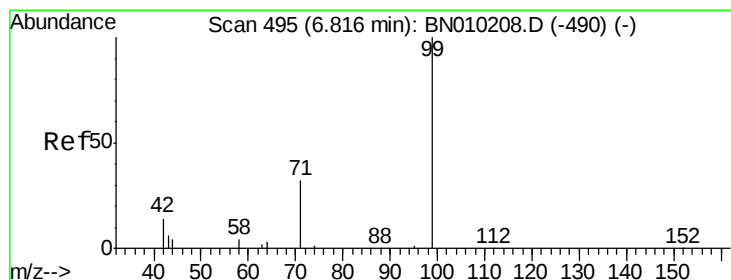
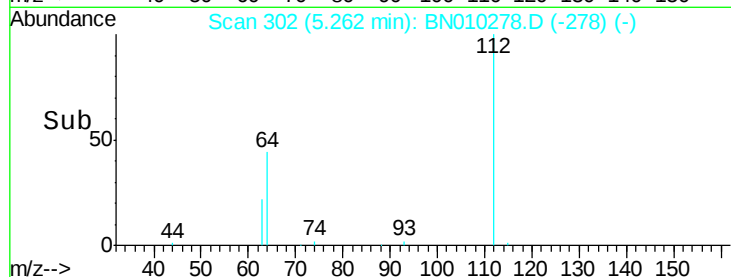
Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

5.26

Time-->



#5

Phenol-d6

Concen: 0.142 ng

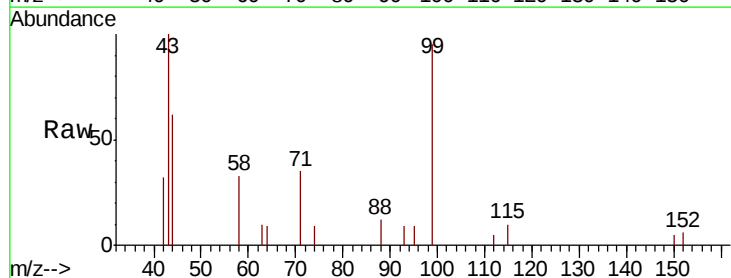
RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010278.D

Acq: 18 Mar 2020 23:56

Tgt Ion:	99	Resp:	1571
Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.0	18.0#
71	38.7	22.6	33.8#



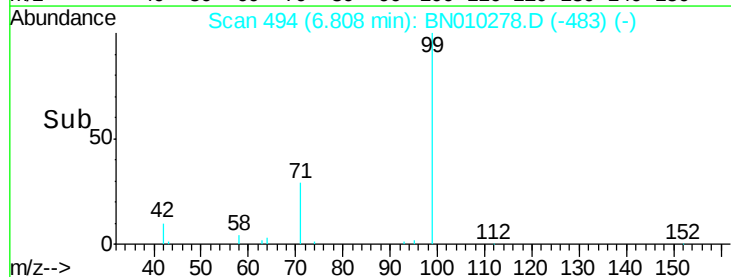
Abundance Ion 99.00 (98.70 to 99.70): BNC

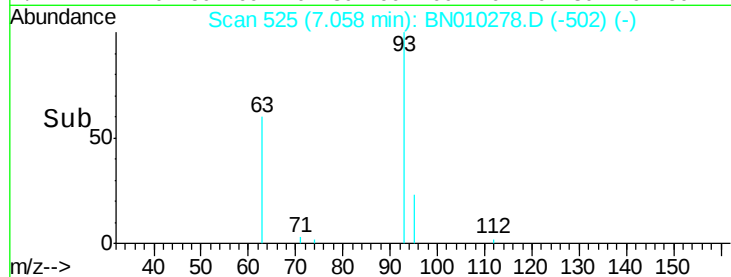
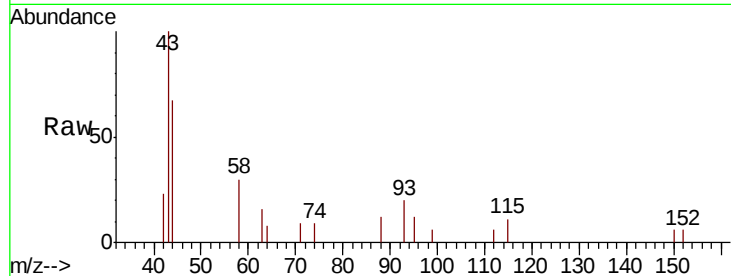
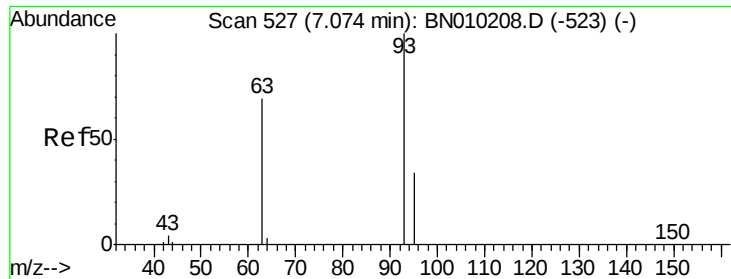
Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

6.81

Time-->





#6

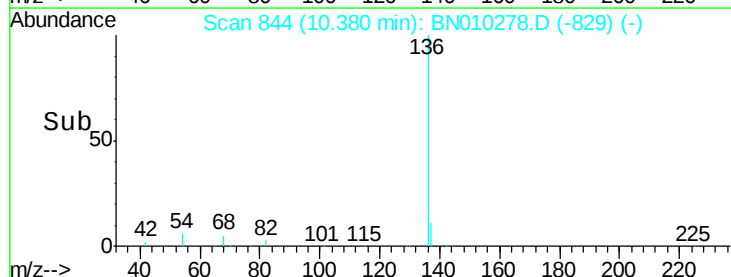
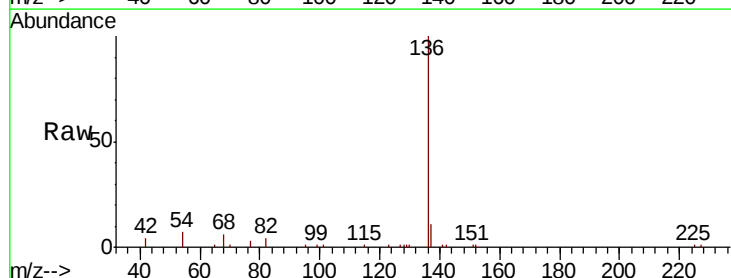
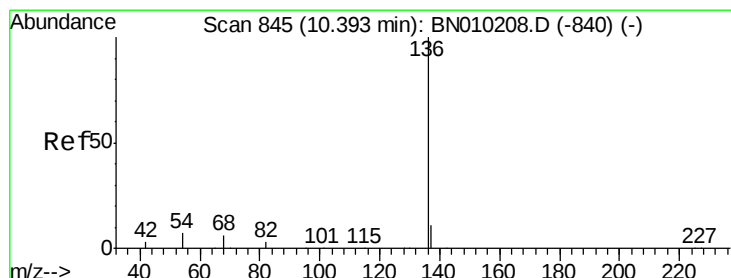
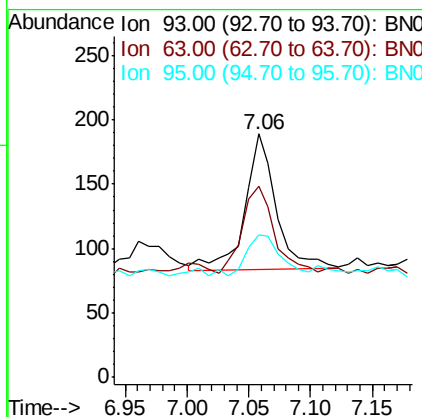
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tot Ion:	93	Resp:	187
Ion	Ratio	Lower	Upper
93	100		
63	65.2	53.4	80.0
95	33.2	28.6	42.8

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Manual Integrations
APPROVED

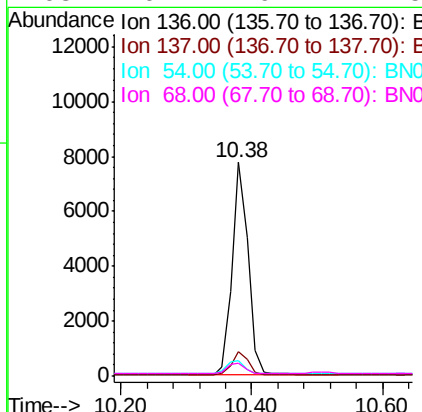
mohammad
3/19/2020 2:43:26 PM

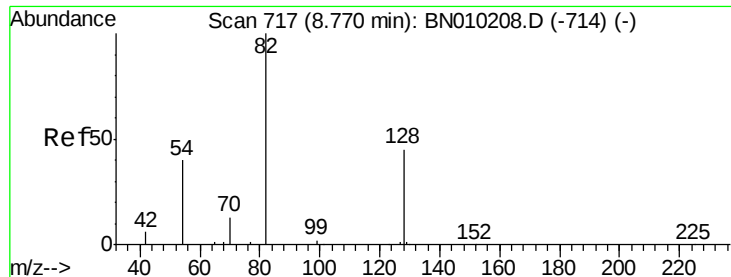


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:	136	Resp:	12998
Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	7.0	9.5	14.3#
68	6.1	9.7	14.5#





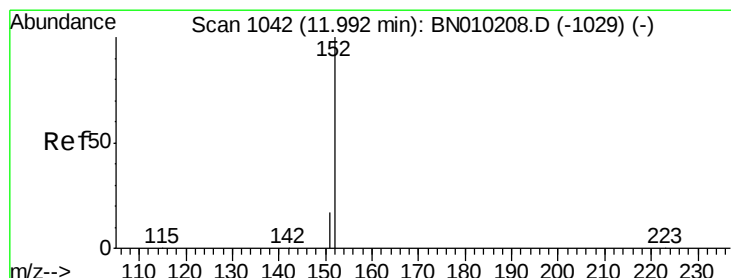
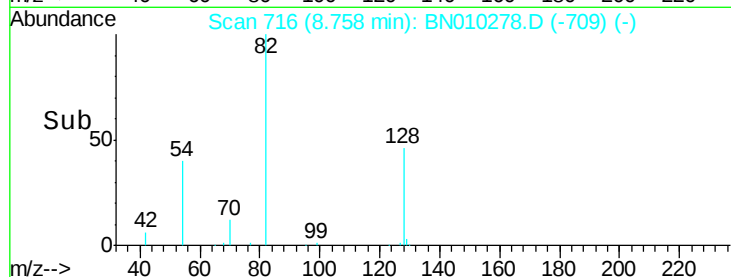
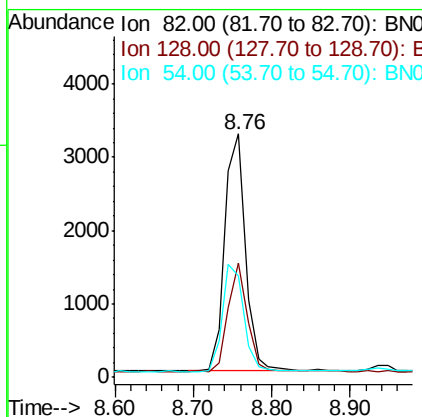
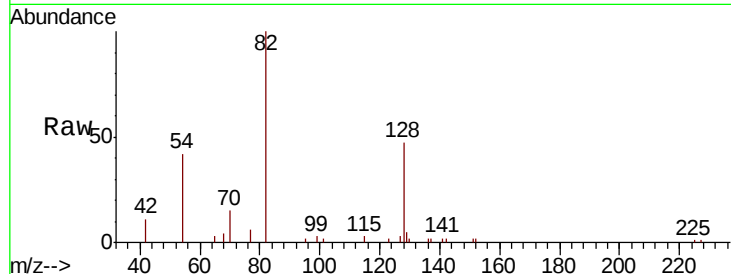
#8
 Nitrobenzene-d5
 Concen: 0.767 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010278.D
 Acq: 18 Mar 2020 23:56

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20200312

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.0	52.6
54	41.8	37.0	55.4

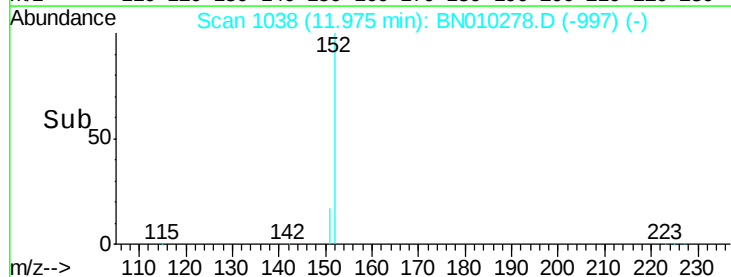
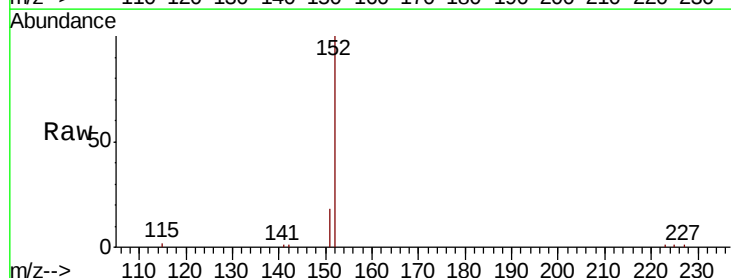
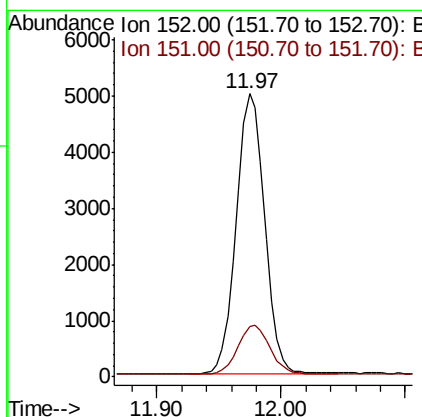
Manual Integrations
 APPROVED

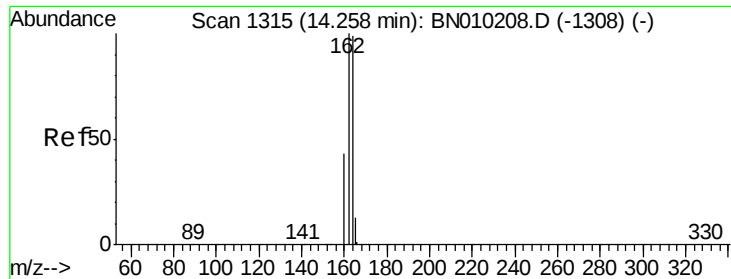
mohammad
 3/19/2020 2:43:26 PM



#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010278.D
 Acq: 18 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6





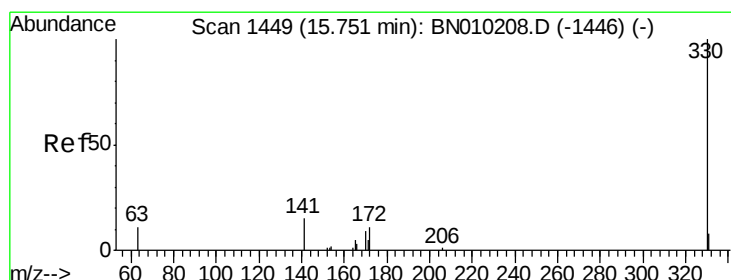
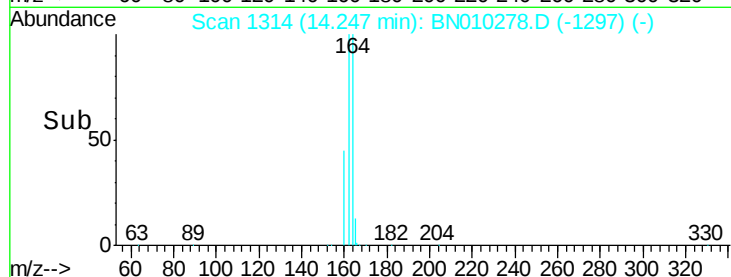
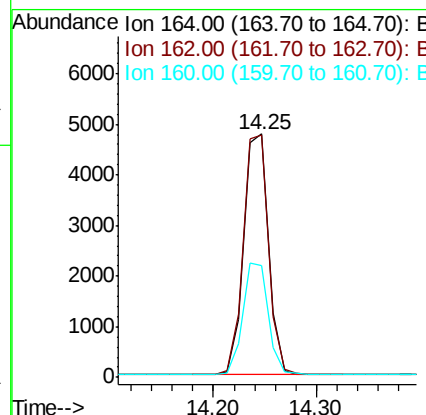
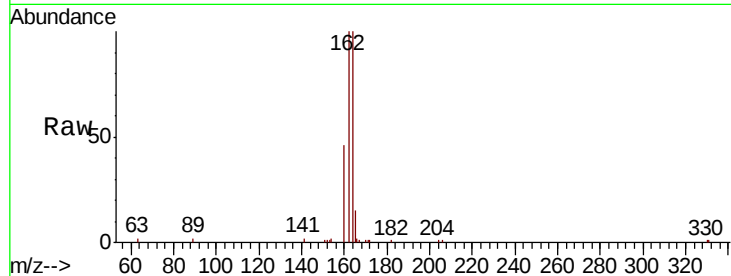
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.0	121.4
160	45.9	35.6	53.4

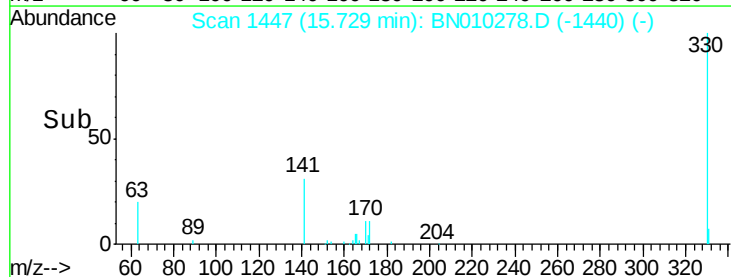
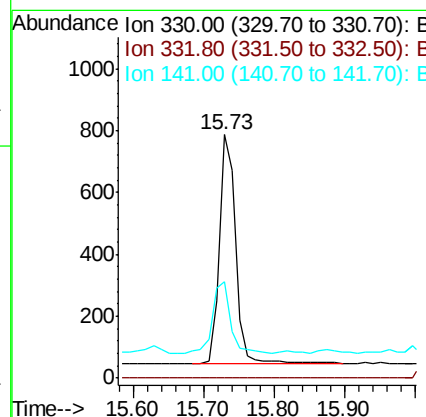
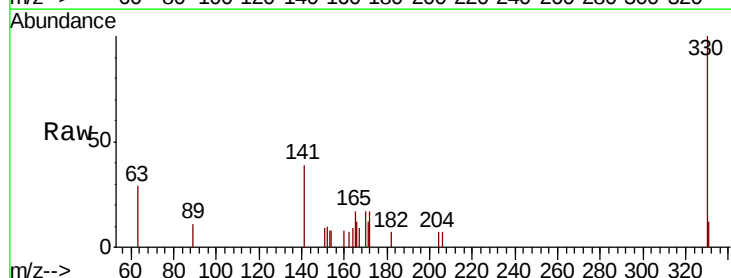
Manual Integrations
APPROVED

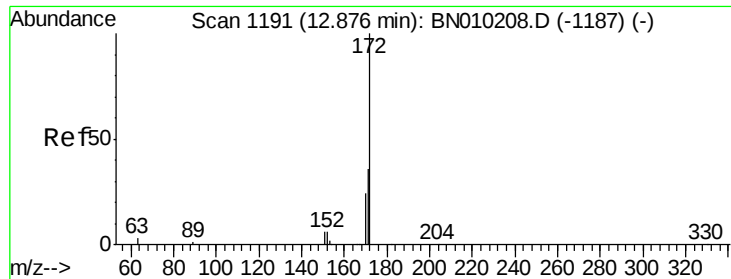
mohammad
3/19/2020 2:43:26 PM



#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.2	25.1	37.7





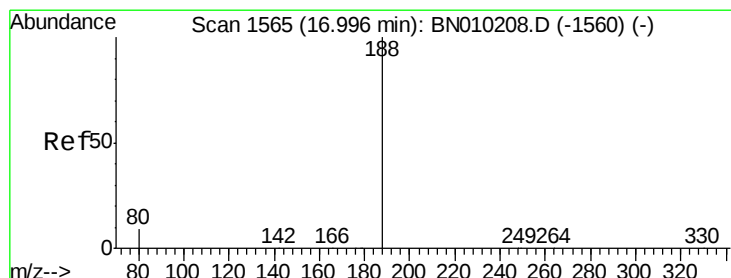
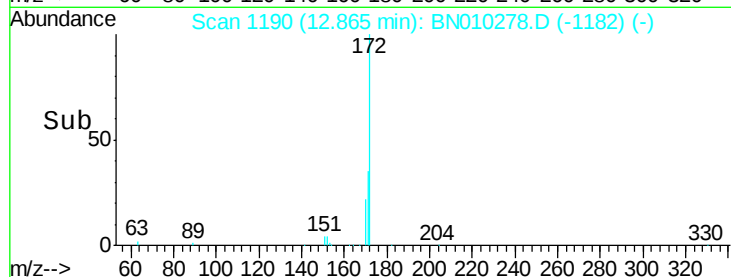
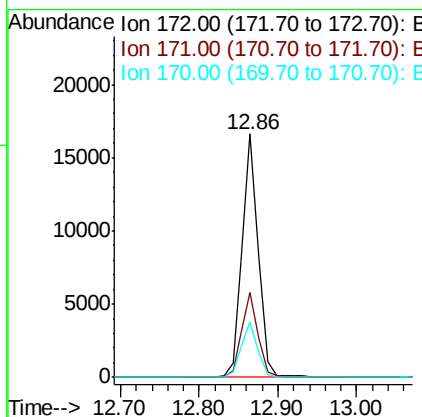
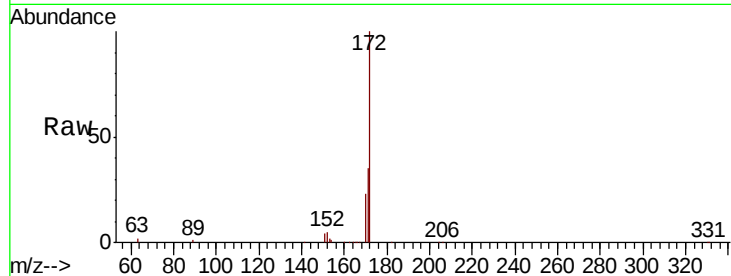
#15
2-Fluorobiphenyl
Concen: 0.828 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.2
170	22.6	20.2	30.4

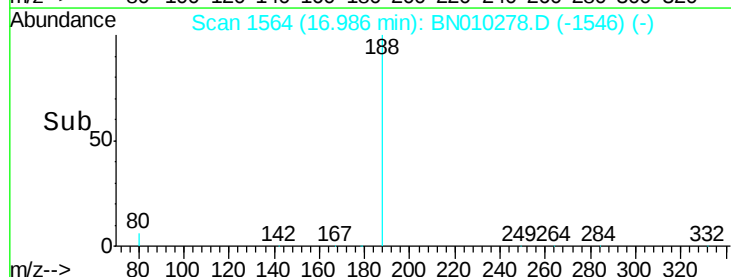
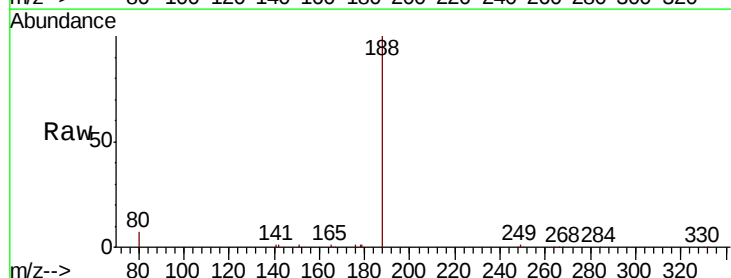
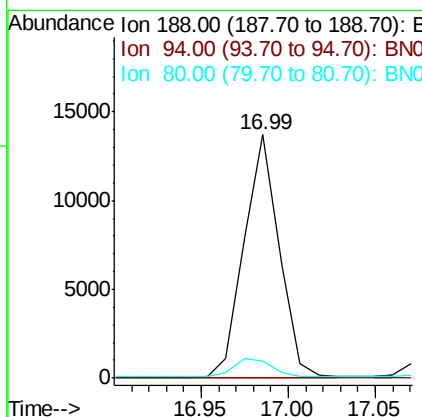
Manual Integrations
APPROVED

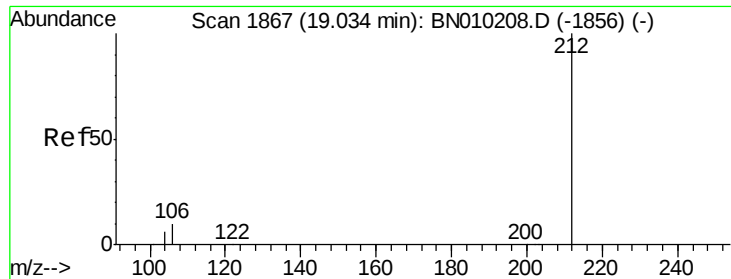
mohammad
3/19/2020 2:43:26 PM



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	8.6	12.8#





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010278.D

Acq: 18 Mar 2020 23:56

Instrument :

BNA_N

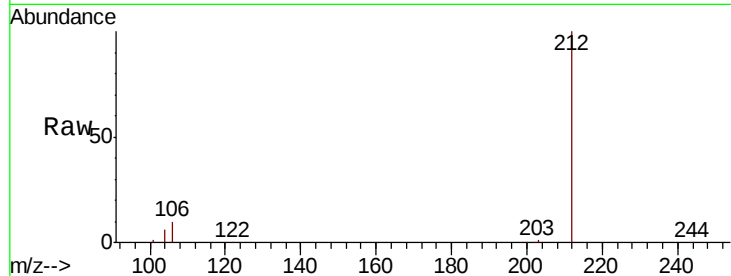
ClientSampleId :

RE122D1-20200312

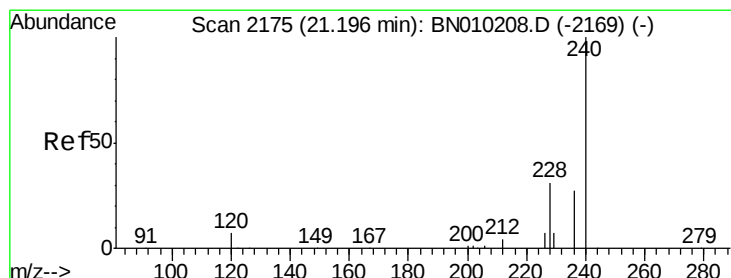
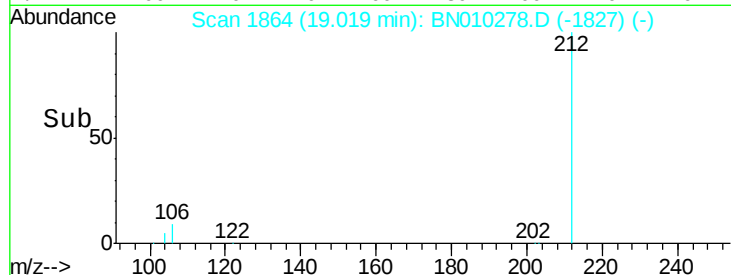
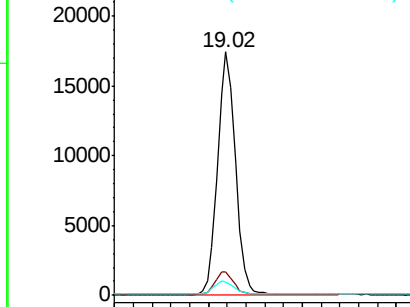
Tot Ion:	212	Resp:	22917
Ion Ratio	Lower	Upper	
212	100		
106	9.6	8.1	12.1
104	5.3	4.7	7.1

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:26 PM



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

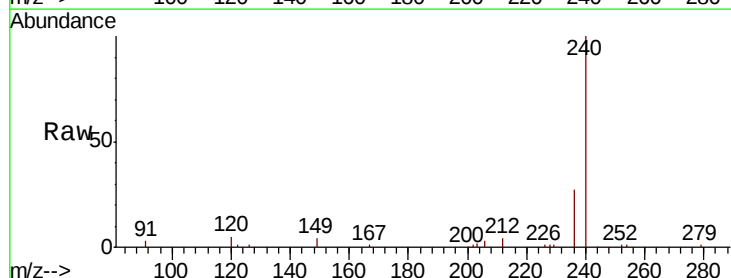
RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

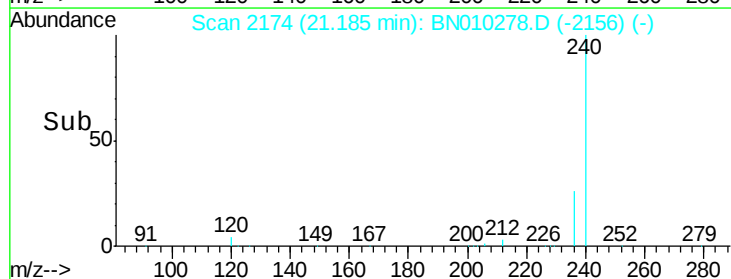
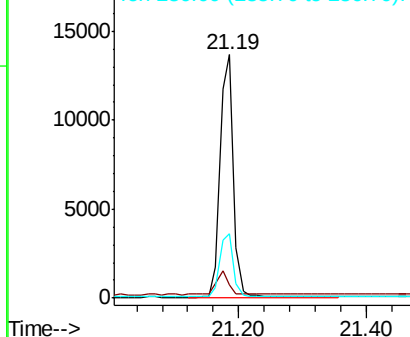
Lab File: BN010278.D

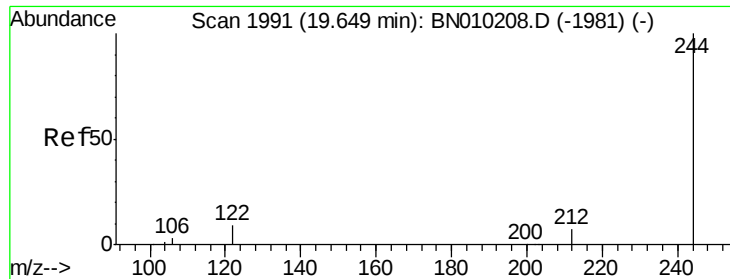
Acq: 18 Mar 2020 23:56

Tgt Ion:	240	Resp:	19507
Ion Ratio	Lower	Upper	
240	100		
120	5.3	7.7	11.5#
236	26.6	21.8	32.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.684 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BN010278.D

Acq: 18 Mar 2020 23:56

Instrument :

BNA_N

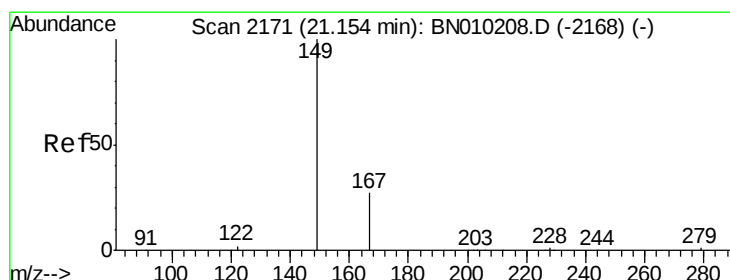
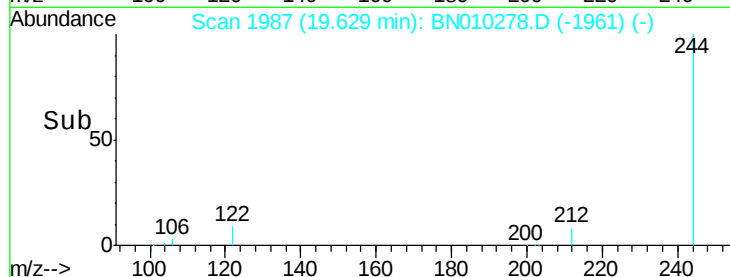
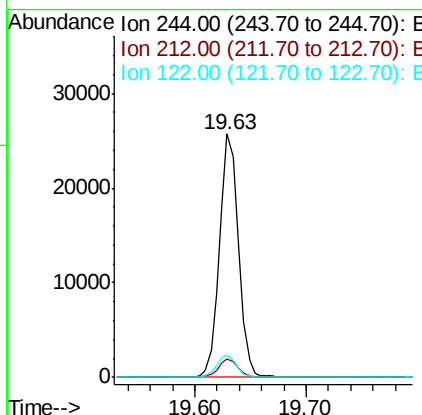
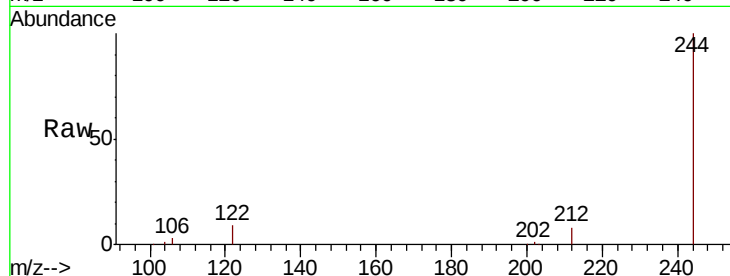
ClientSampleId :

RE122D1-20200312

Tot Ion:	244	Resp:	30423
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.4	9.6
122	9.2	8.1	12.1

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:26 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng m

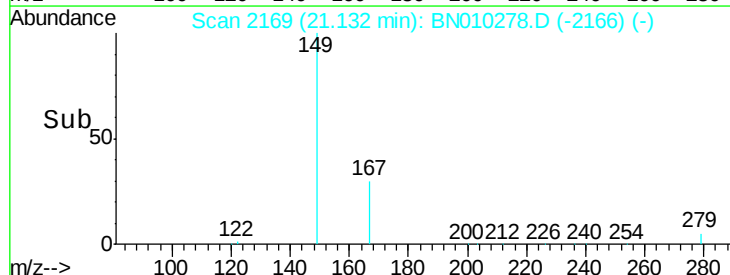
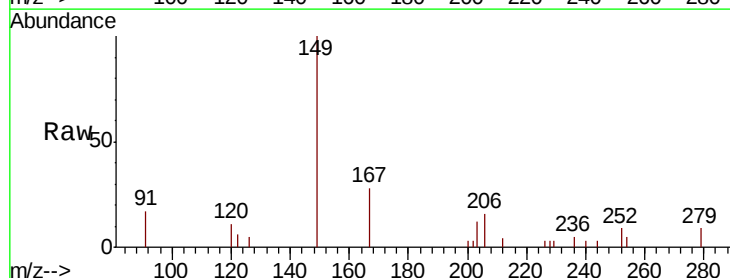
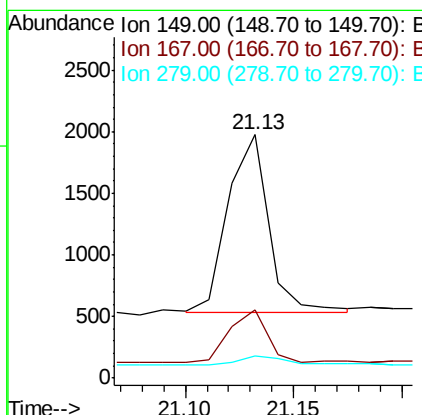
RT: 21.13 min Scan# 2169

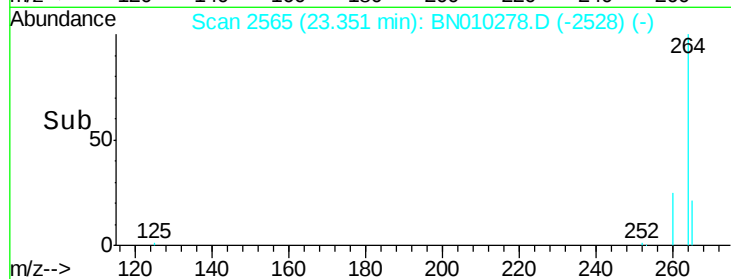
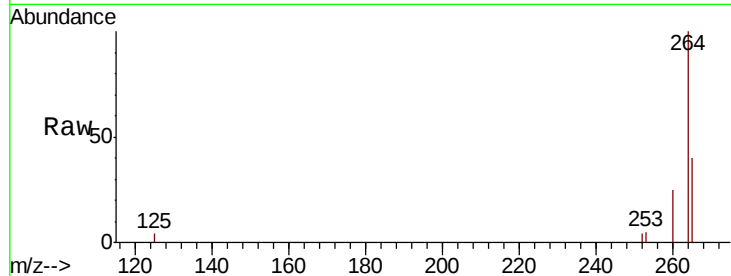
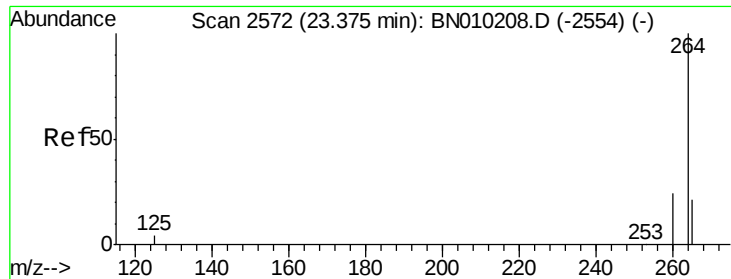
Delta R.T. -0.02 min

Lab File: BN010278.D

Acq: 18 Mar 2020 23:56

Tgt Ion:	149	Resp:	1875
Ion Ratio	Lower	Upper	
149	100		
167	25.0	21.0	31.4
279	5.3	3.1	4.7#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010278.D

Acq: 18 Mar 2020 23:56

Instrument :

BNA_N

ClientSampleId :

RE122D1-20200312

Tot Ion: 264 Resp: 21878

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 40.1 25.8 38.6#

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:26 PM

