

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010168.D
 Acq On : 10 Mar 2020 20:04
 Operator : CG/JU
 Sample : L1842-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200304

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:07:56 PM

Quant Time: Mar 11 11:56:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	730	0.40	ng	-0.04
7) Naphthalene-d8	10.15	136	2428	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1537	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	2960	0.40	ng	-0.02
27) Chrysene-d12	20.99	240	3359	0.40	ng	-0.04
34) Perylene-d12	23.09	264	3498	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	388	0.24	ng	-0.04
5) Phenol-d6	6.65	99	209	0.11	ng	0.00
8) Nitrobenzene-d5	8.61	82	707	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	11.75	152	1499	0.32	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	251	0.42	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2231	0.38	ng	-0.04
25) Fluoranthene-d10	18.83	212	3676	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	3349	0.42	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.03	88	2425m	3.244	ng	Qvalue

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

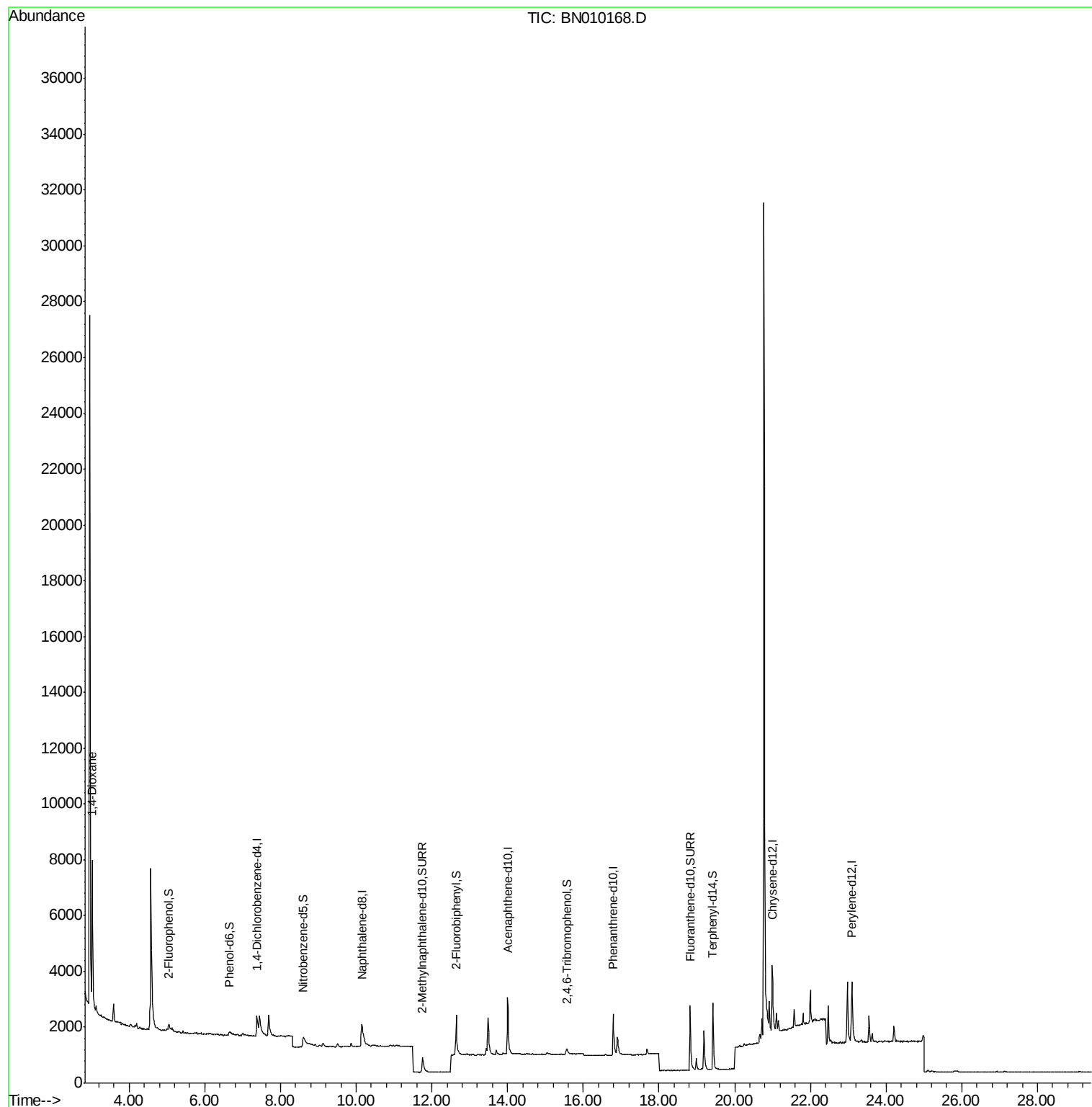
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010168.D
Acq On : 10 Mar 2020 20:04
Operator : CG/JU
Sample : L1842-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200304

Manual Integrations
APPROVED

mohammad
3/11/2020 5:07:56 PM

Quant Time: Mar 11 11:56:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration





#1

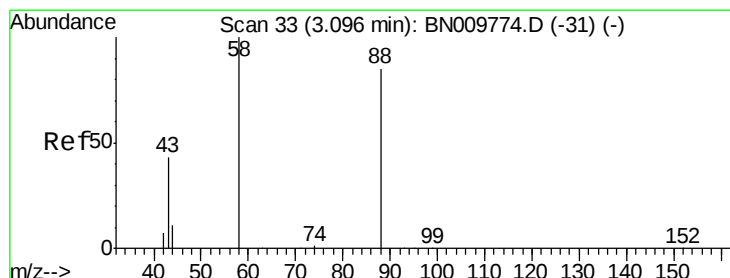
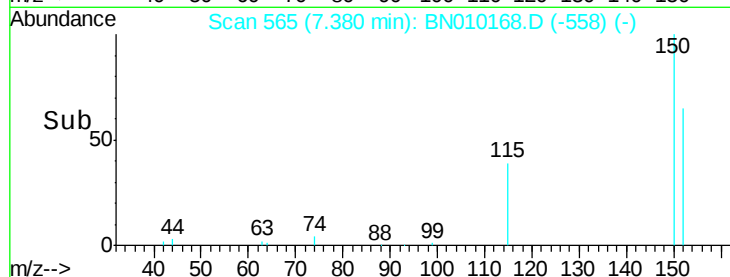
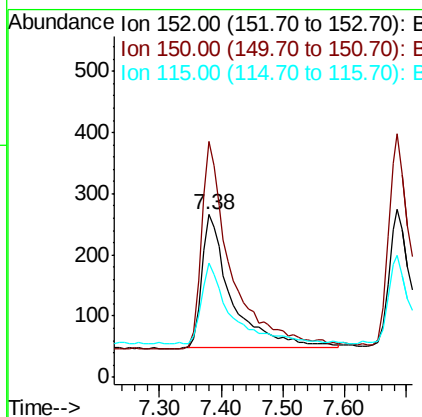
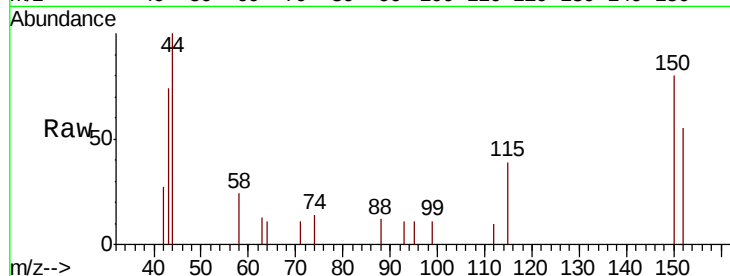
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200304

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	120.6	181.0
115	69.9	51.2	76.8

Manual Integrations
APPROVED

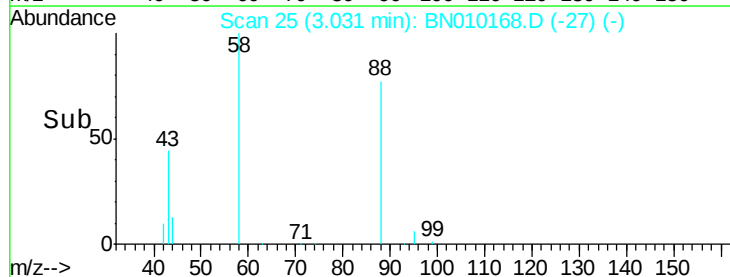
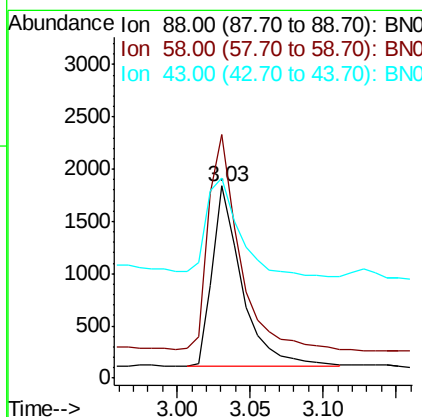
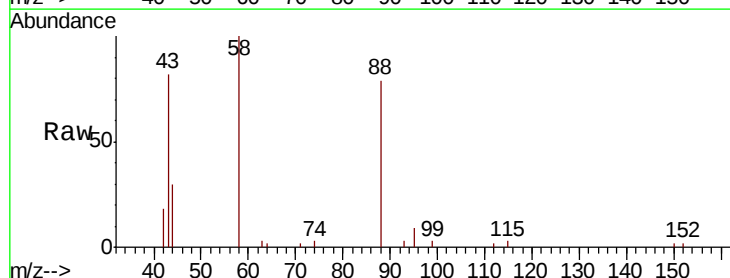
mohammad
3/11/2020 5:07:56 PM

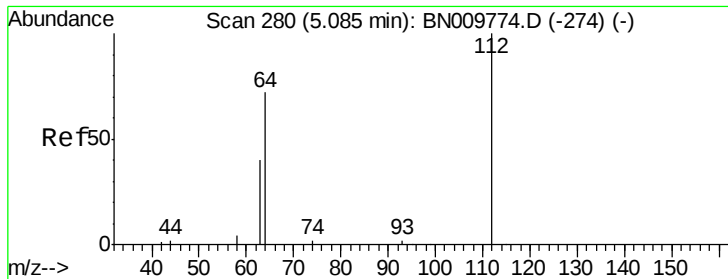


#2

1,4-Dioxane
Concen: 3.244 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





#4

2-Fluorophenol

Concen: 0.239 ng

RT: 5.04 min Scan# 275

Delta R.T. -0.04 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

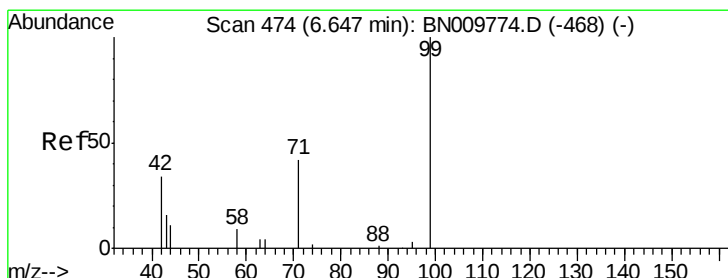
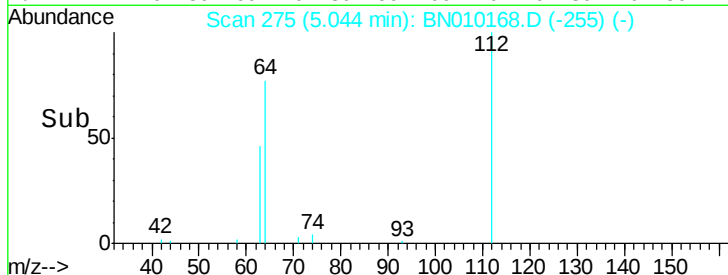
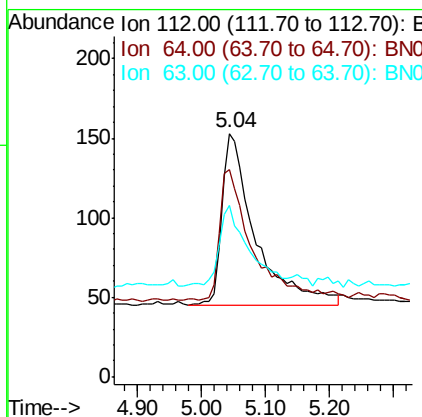
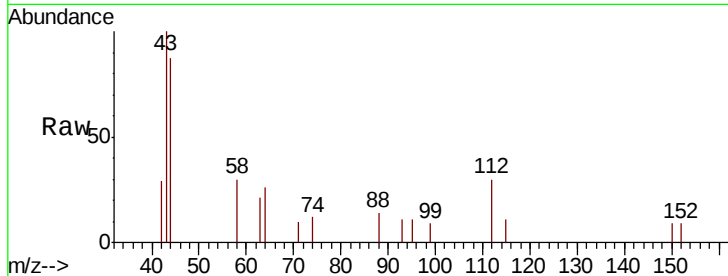
ClientSampleId :

RE132D1-20200304

Tot Ion:	112	Resp:	388
Ion Ratio	Lower	Upper	
112	100		
64	76.3	65.8	98.6
63	41.2	38.7	58.1

Manual Integrations
APPROVED

mohammad
3/11/2020 5:07:56 PM



#5

Phenol-d6

Concen: 0.106 ng

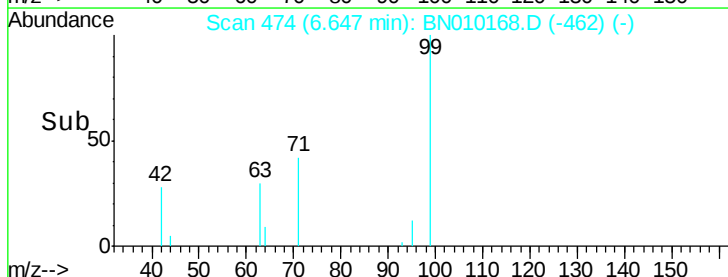
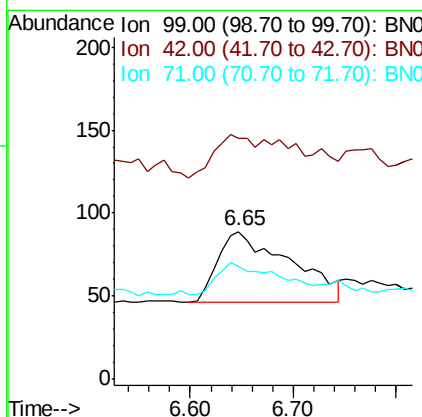
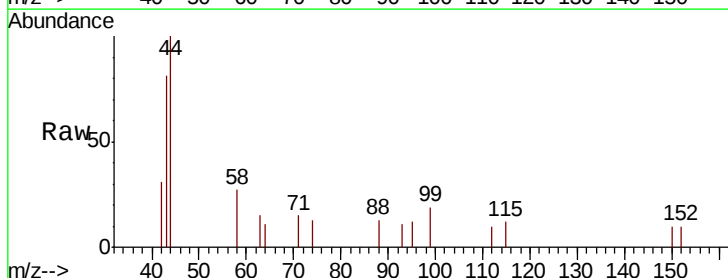
RT: 6.65 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Tgt Ion:	99	Resp:	209
Ion Ratio	Lower	Upper	
99	100		
42	32.5	30.8	46.2
71	36.4	34.9	52.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

Tot Ion:136 Resp: 2428

Ion Ratio Lower Upper

136 100

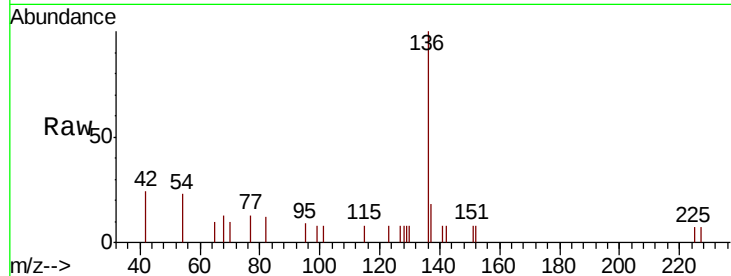
137 17.6 11.3 16.9#

54 23.1 13.4 20.2#

68 13.3 7.0 10.4#

Manual Integrations
APPROVED

mohammad
3/11/2020 5:07:56 PM

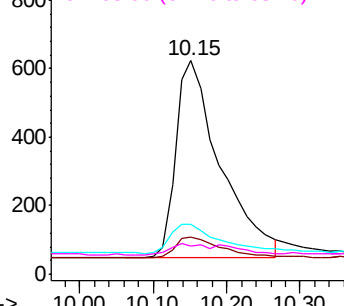


Abundance Ion 136.00 (135.70 to 136.70): E

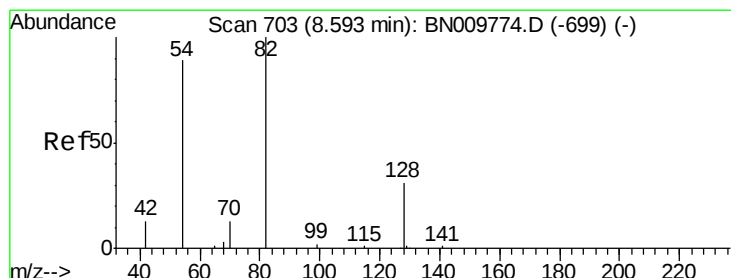
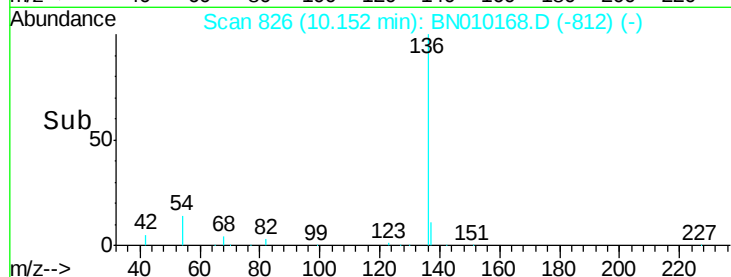
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.350 ng

RT: 8.61 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

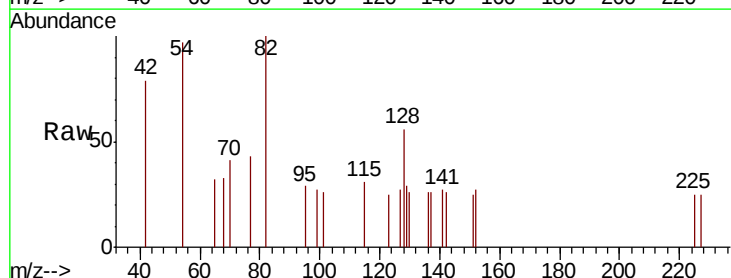
Tgt Ion: 82 Resp: 707

Ion Ratio Lower Upper

82 100

128 55.8 32.5 48.7#

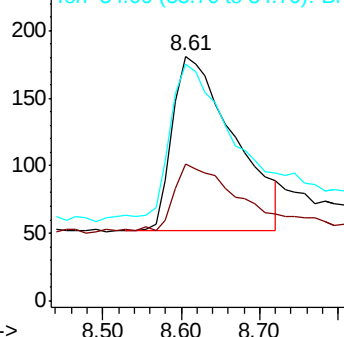
54 96.7 73.5 110.3



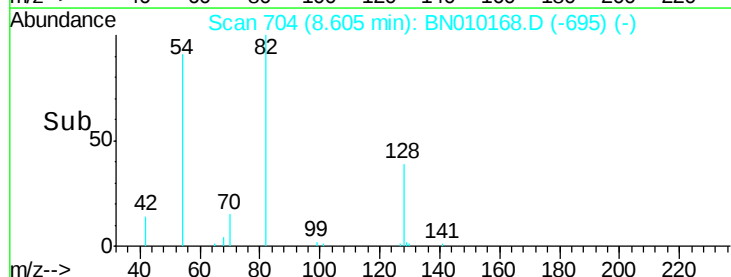
Abundance Ion 82.00 (81.70 to 82.70): BNC

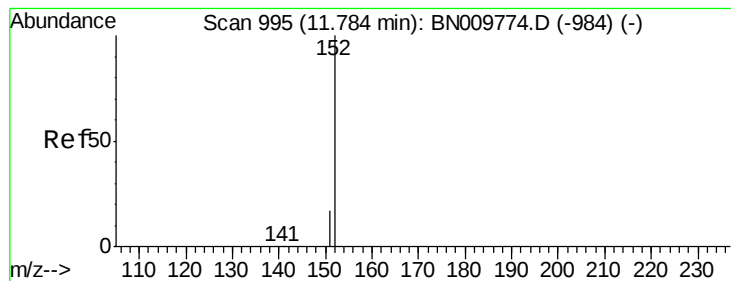
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->





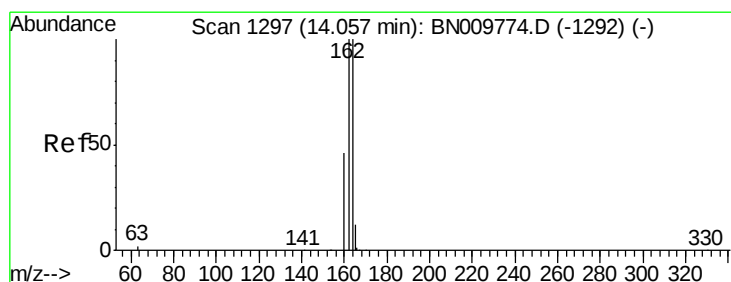
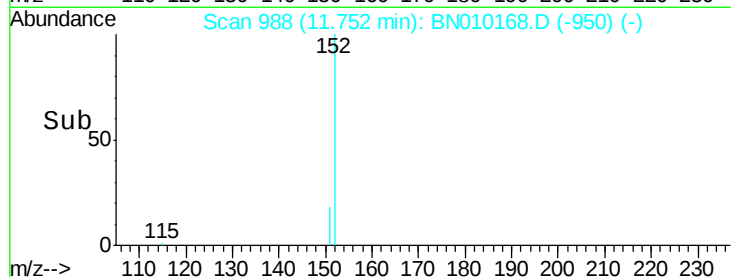
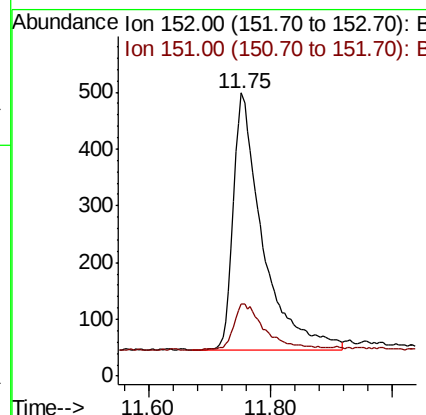
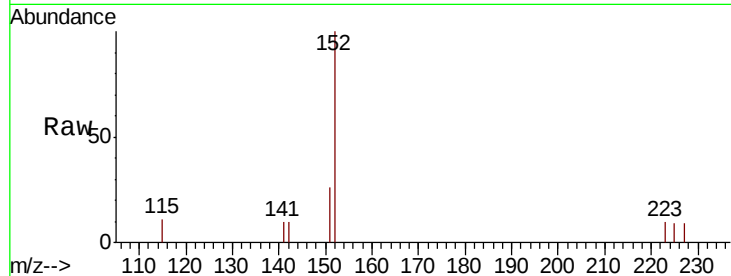
#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.03 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Instrument :
BNA_N
ClientSampleId :
RE132D1-20200304

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.1	22.7

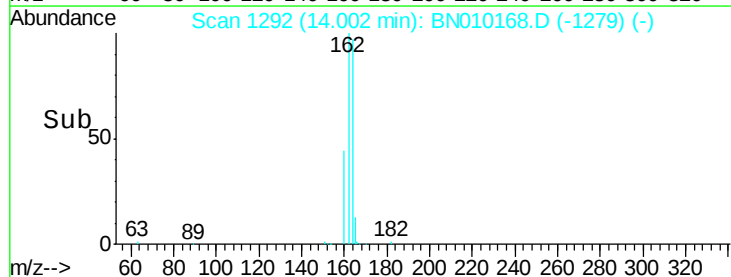
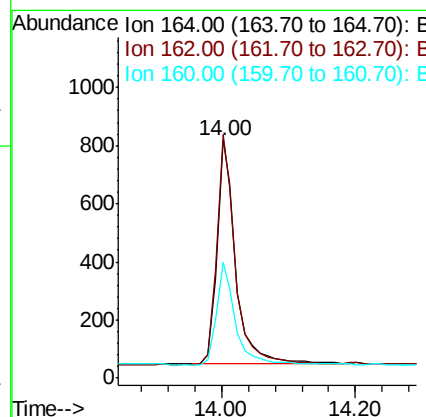
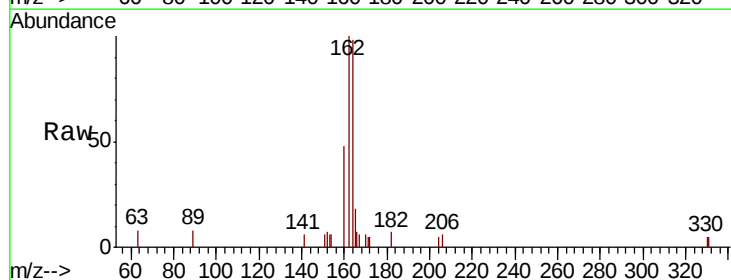
Manual Integrations
APPROVED

mohammad
3/11/2020 5:07:56 PM



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010168.D
Acq: 10 Mar 2020 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.9	119.9
160	48.8	38.2	57.2





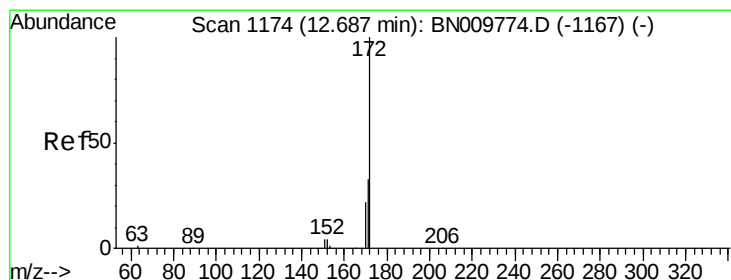
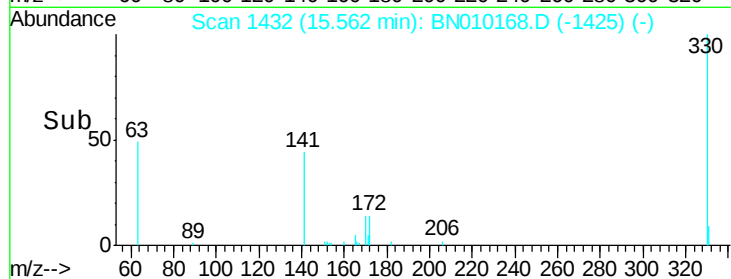
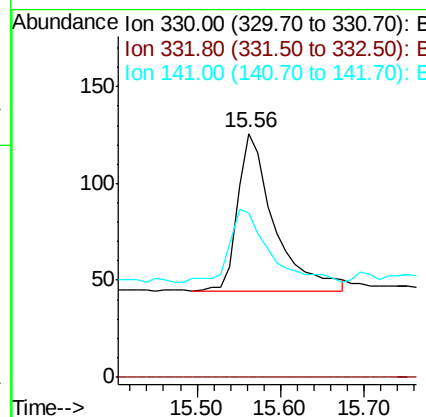
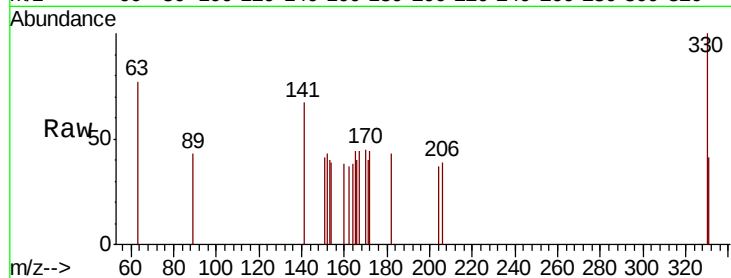
#14
 2,4,6-Tribromophenol
 Concen: 0.424 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010168.D
 Acq: 10 Mar 2020 20:04

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200304

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.6	36.8	55.2

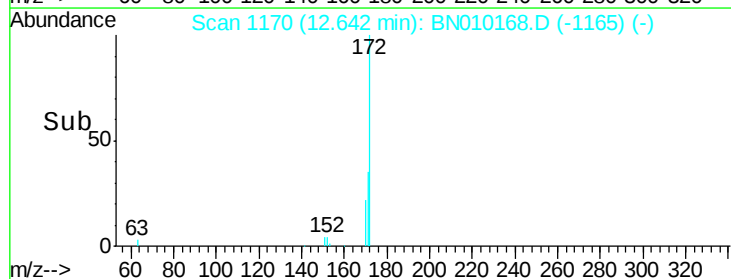
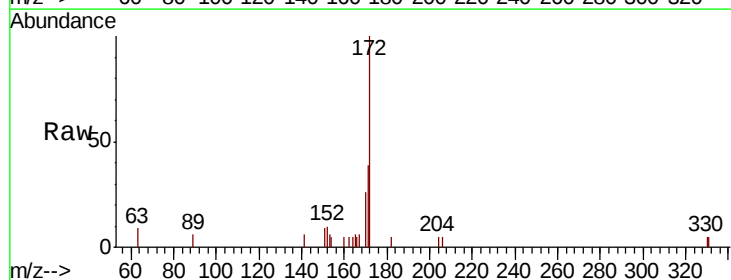
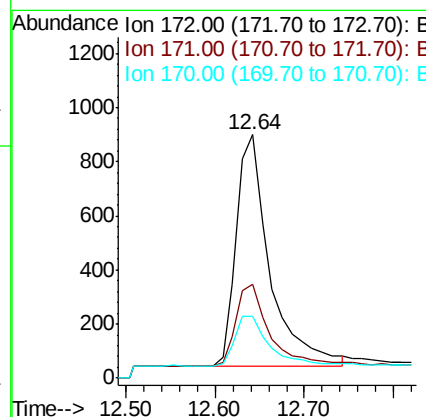
Manual Integrations
 APPROVED

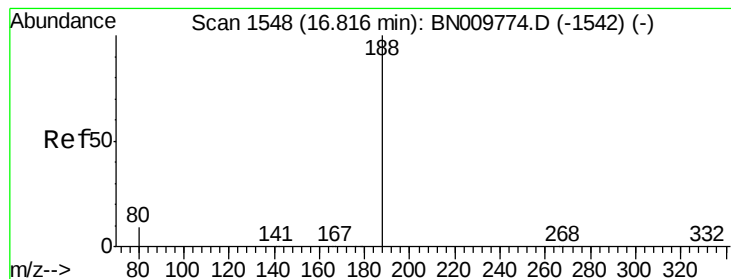
mohammad
 3/11/2020 5:07:56 PM



#15
 2-Fluorobiphenyl
 Concen: 0.385 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010168.D
 Acq: 10 Mar 2020 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	25.6	20.1	30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

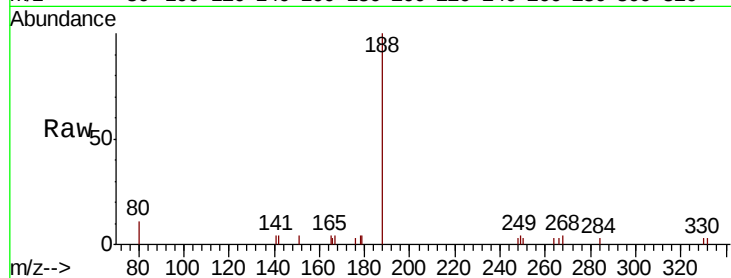
ClientSampleId :

RE132D1-20200304

Tot Ion:	188	Resp:	2960
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	8.3	12.5

Manual Integrations
APPROVED

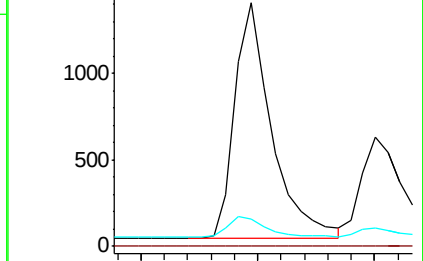
mohammad
3/11/2020 5:07:56 PM



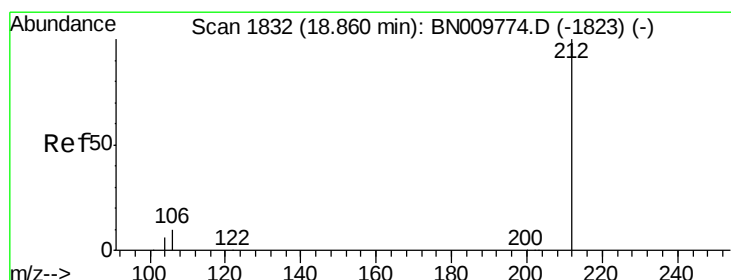
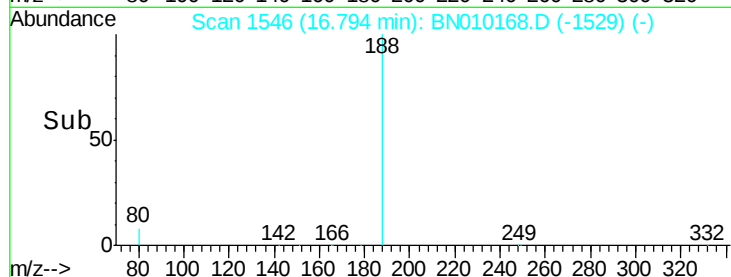
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->



#25

Fluoranthene-d10

Concen: 0.359 ng

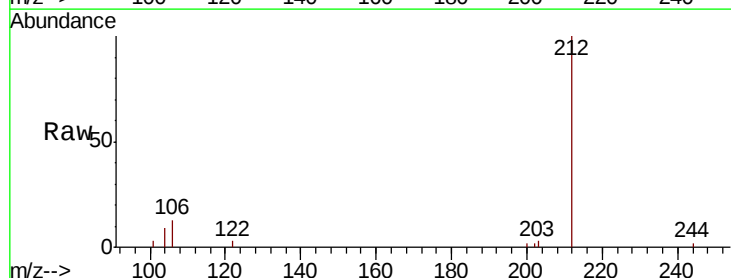
RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

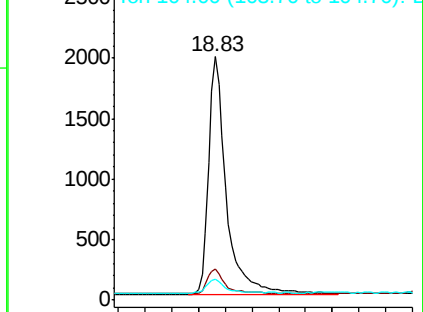
Tgt Ion:	212	Resp:	3676
Ion Ratio	Lower	Upper	
212	100		
106	9.9	8.4	12.6
104	5.8	4.8	7.2



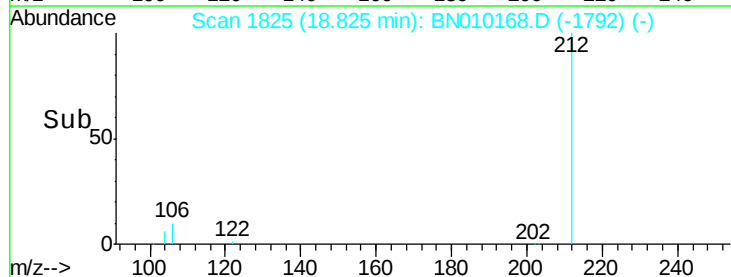
Abundance Ion 212.00 (211.70 to 212.70): E

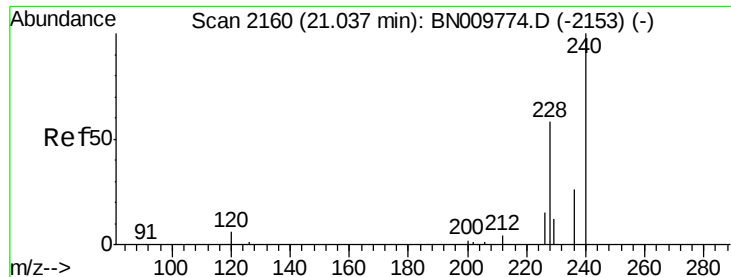
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

Instrument :

BNA_N

ClientSampleId :

RE132D1-20200304

Tot Ion:240 Resp: 3359

Ion Ratio Lower Upper

240 100

120 13.4 7.9 11.9#

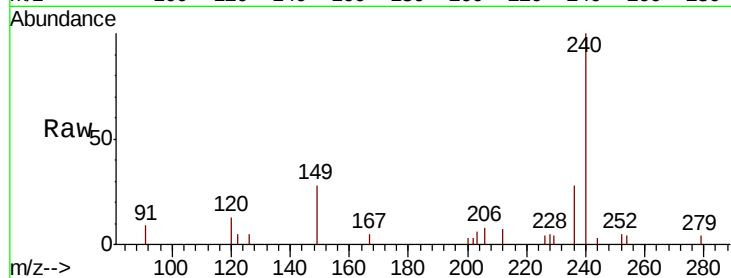
236 28.2 22.0 33.0

Manual Integrations

APPROVED

mohammad

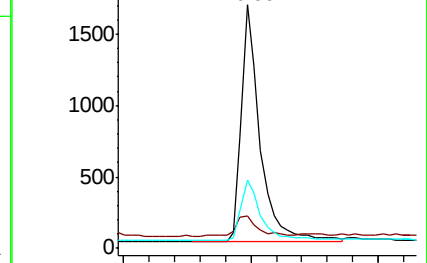
3/11/2020 5:07:56 PM



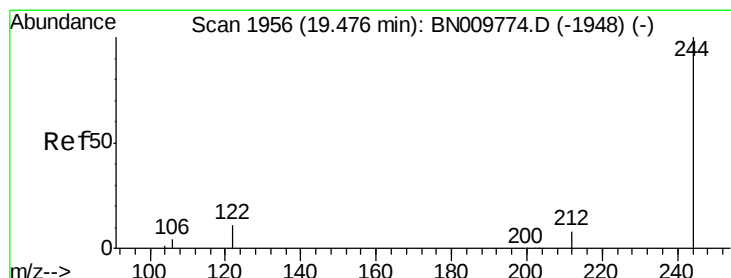
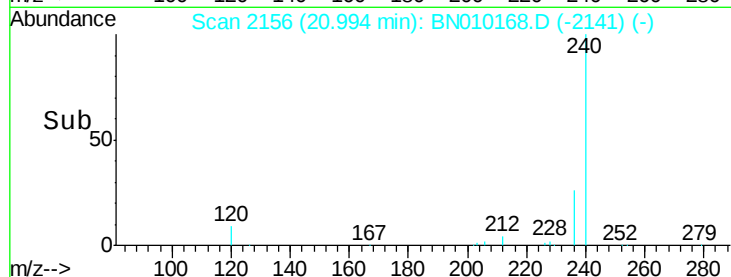
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 20.80 21.00 21.20



#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010168.D

Acq: 10 Mar 2020 20:04

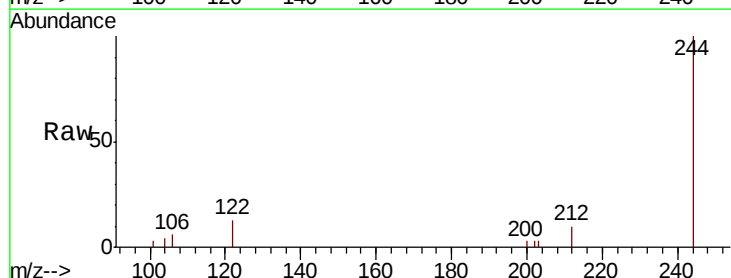
Tgt Ion:244 Resp: 3349

Ion Ratio Lower Upper

244 100

212 10.4 8.0 12.0

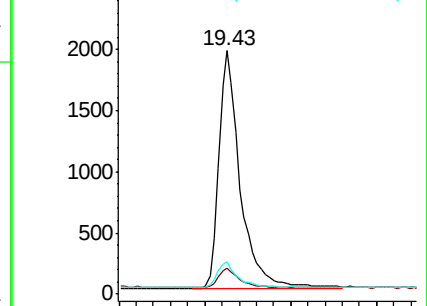
122 13.1 10.0 15.0



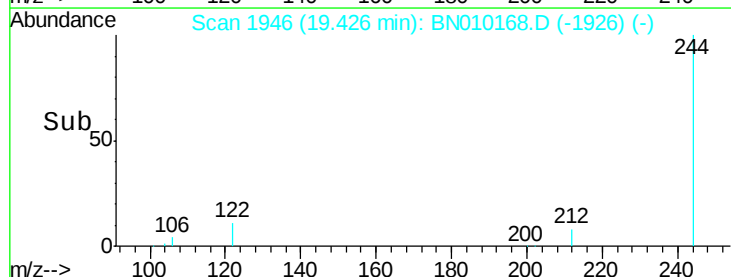
Abundance Ion 244.00 (243.70 to 244.70): E

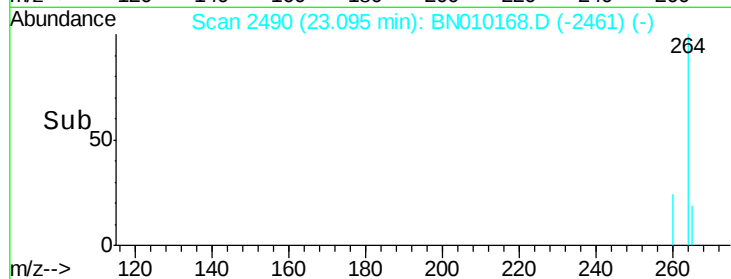
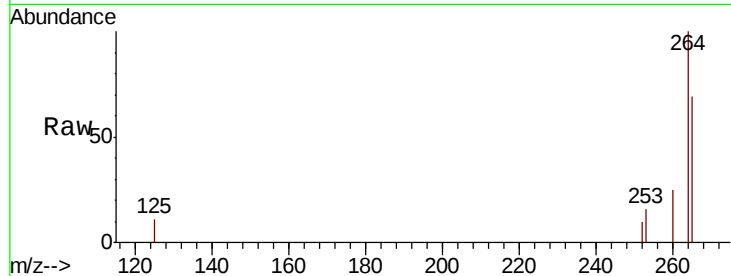
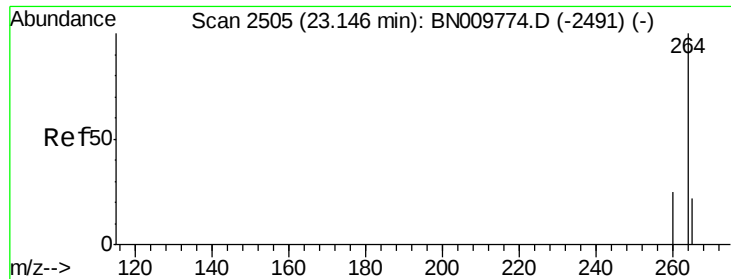
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.30 19.40 19.50 19.60





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.09 min Scan# 2490
 Delta R.T. -0.05 min
 Lab File: BN010168.D
 Acq: 10 Mar 2020 20:04

Tot Ion:	264	Resp:	3498
Ion Ratio	Lower	Upper	
264	100		
260	25.4	21.1	31.7
265	69.3	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20200304

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:07:56 PM

