

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010184.D
 Acq On : 11 Mar 2020 09:56
 Operator : CG/JU
 Sample : L1842-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20200305

Manual Integrations
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Quant Time: Mar 11 15:37:29 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	7.37	152	843	0.40	ng	-0.05
7) Naphthalene-d8	10.16	136	3438m	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1626	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3147	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	3391	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3626	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	343	0.18	ng	-0.02
5) Phenol-d6	6.60	99	262	0.11	ng	-0.05
8) Nitrobenzene-d5	8.66	82	1087m	0.38	ng	0.06
11) 2-Methylnaphthalene-d10	11.77	152	1446	0.22	ng	-0.01
14) 2,4,6-Tribromophenol	15.58	330	158	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	2247	0.37	ng	-0.05
25) Fluoranthene-d10	18.83	212	3930	0.36	ng	-0.03
29) Terphenyl-d14	19.43	244	3461	0.43	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.03	88	3549m	4.111	ng	Qvalue

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

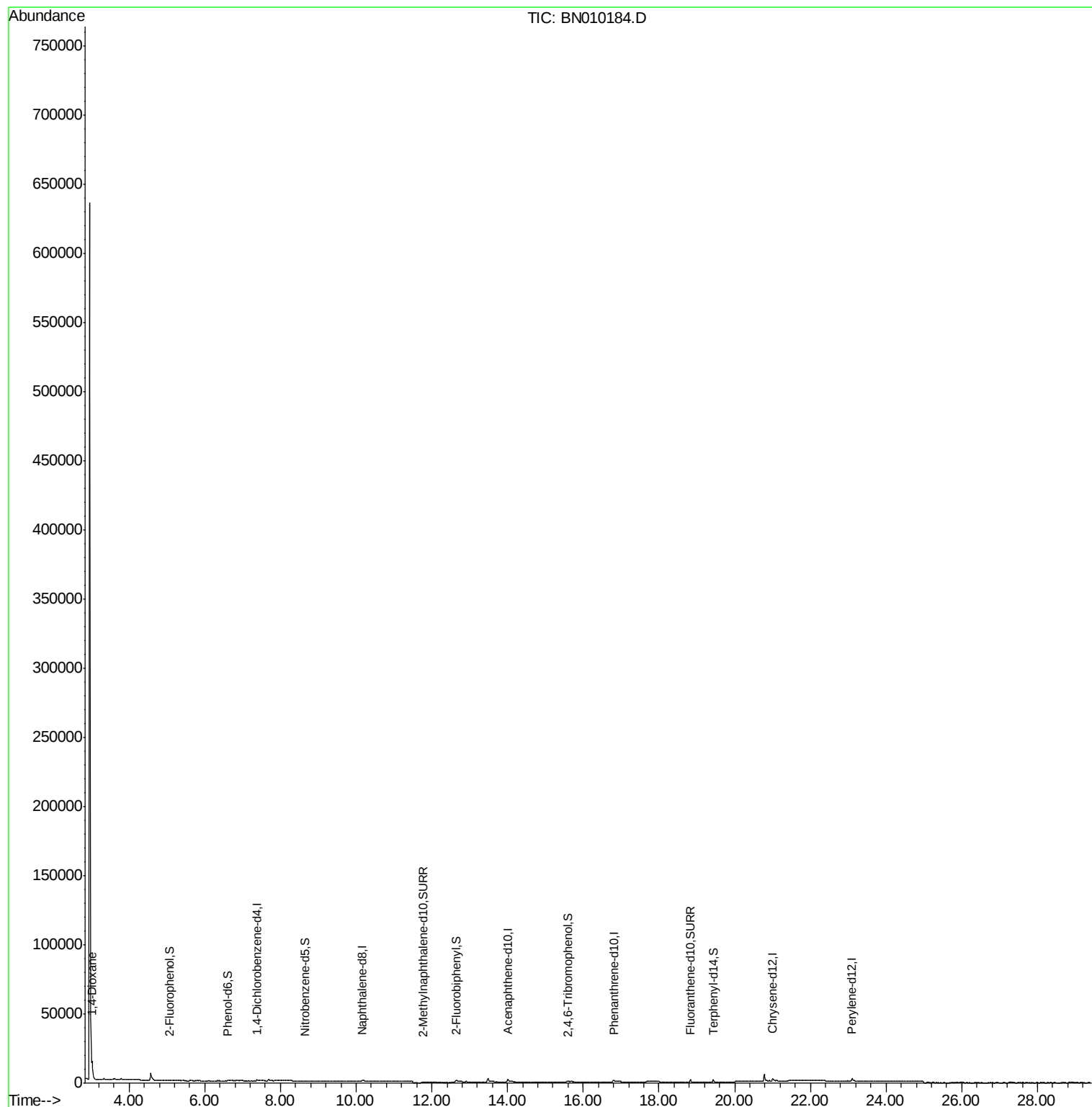
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
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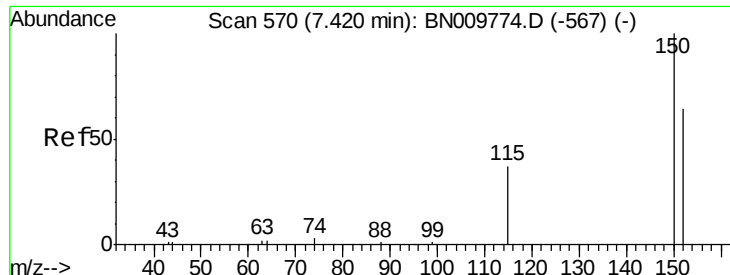
Instrument :
BNA_N
ClientSampleId :
RE105D2-20200305

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
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#1

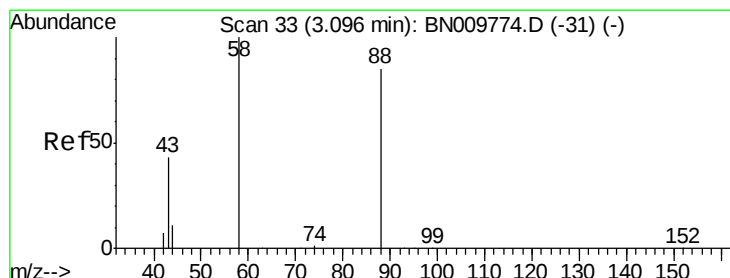
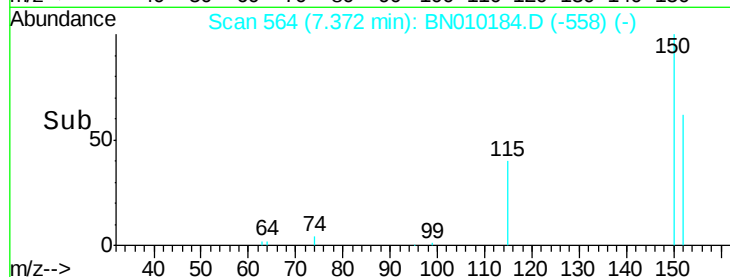
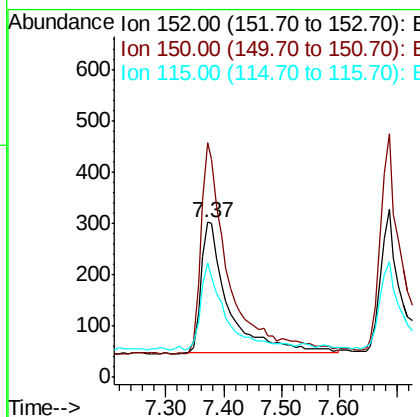
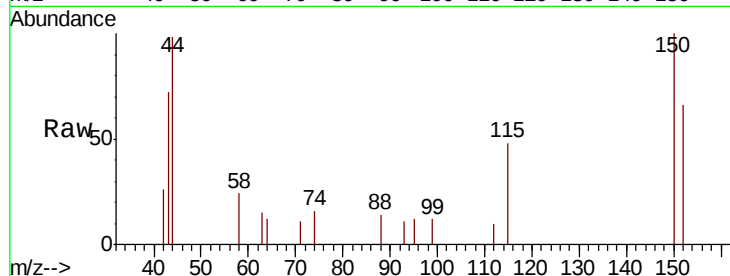
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	120.6	181.0
115	73.5	51.2	76.8

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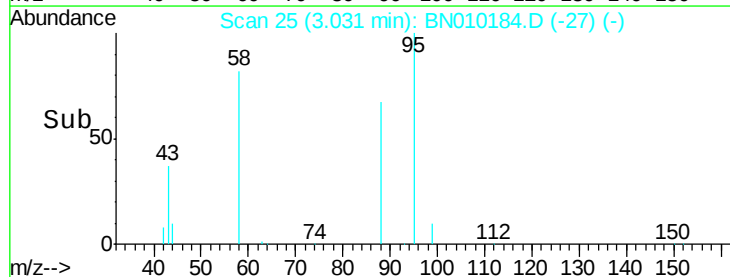
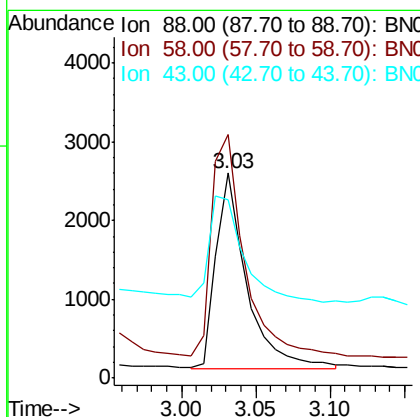
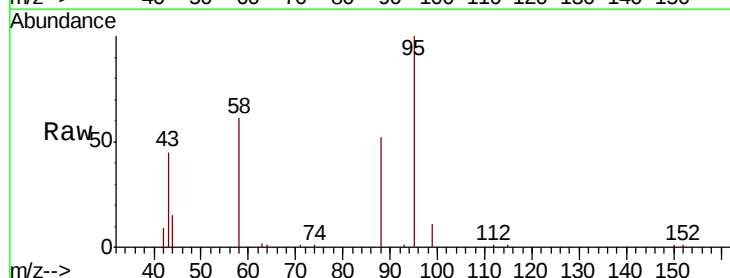
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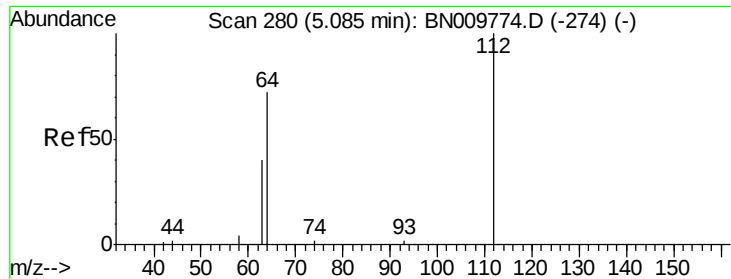


#2

1,4-Dioxane
Concen: 4.111 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

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





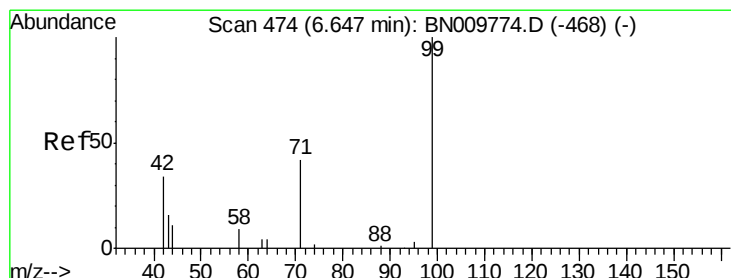
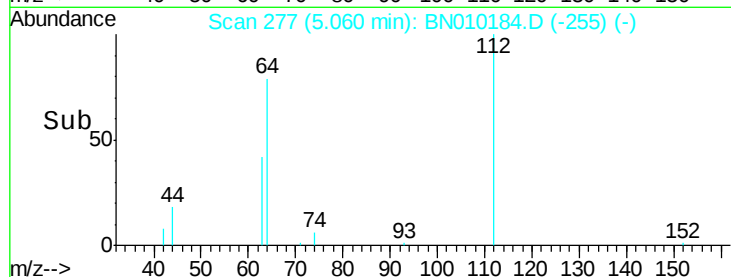
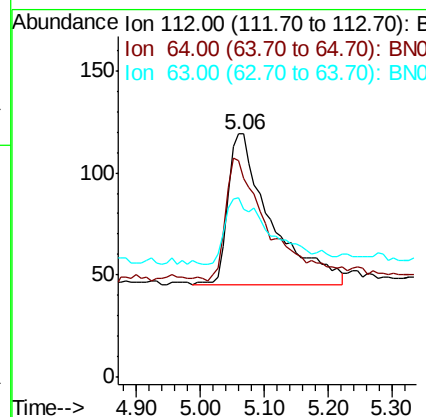
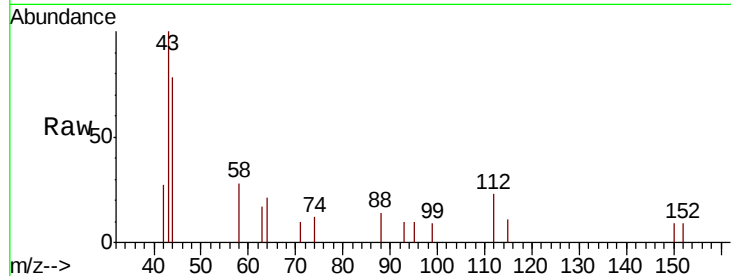
#4
 2-Fluorophenol
 Concen: 0.183 ng
 RT: 5.06 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BN010184.D
 Acq: 11 Mar 2020 09:56

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20200305

Tot Ion:	112	Resp:	343
Ion Ratio	Lower	Upper	
112	100		
64	80.8	65.8	98.6
63	46.1	38.7	58.1

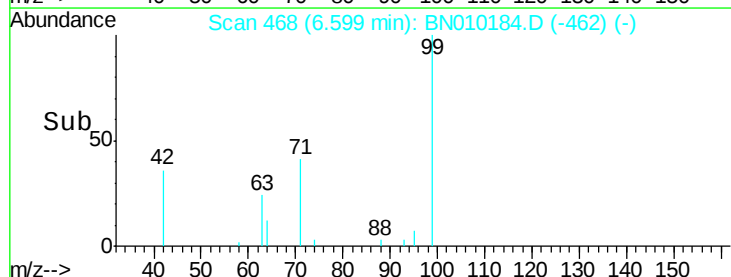
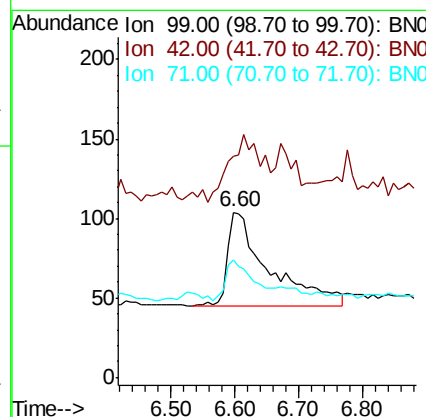
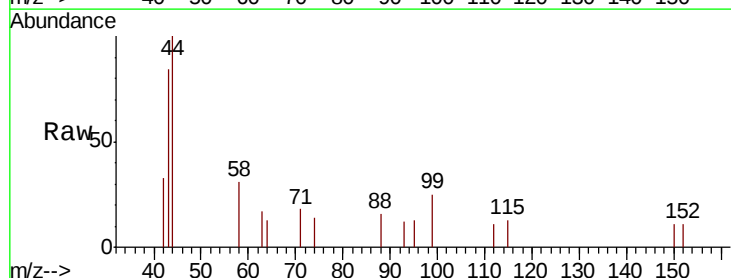
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#5
 Phenol-d6
 Concen: 0.115 ng
 RT: 6.60 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BN010184.D
 Acq: 11 Mar 2020 09:56

Tgt Ion:	99	Resp:	262
Ion Ratio	Lower	Upper	
99	100		
42	56.1	30.8	46.2#
71	28.6	34.9	52.3#





#7

Naphthalene-d8

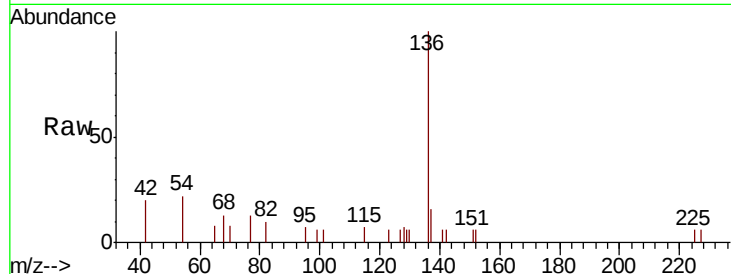
Concen: 0.400 ng m
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200305

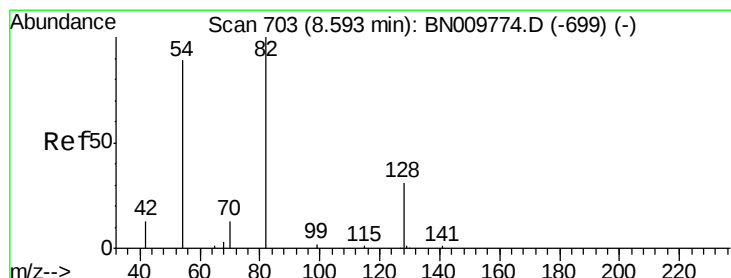
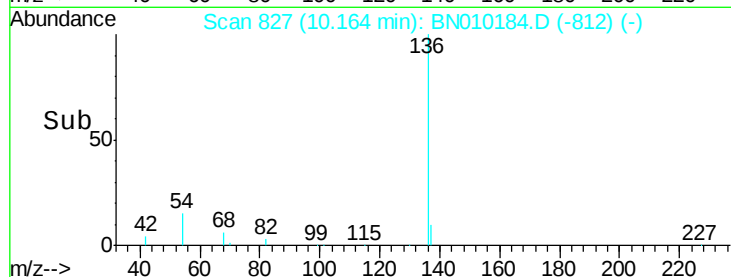
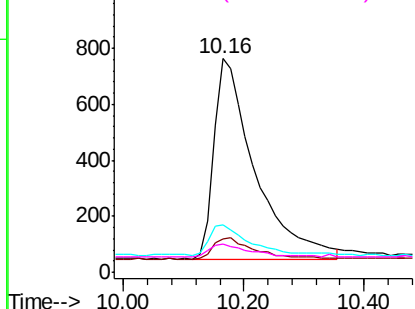
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		3438		
137	15.9		11.3	16.9	
54	22.1		13.4	20.2#	
68	13.2		7.0	10.4#	

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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

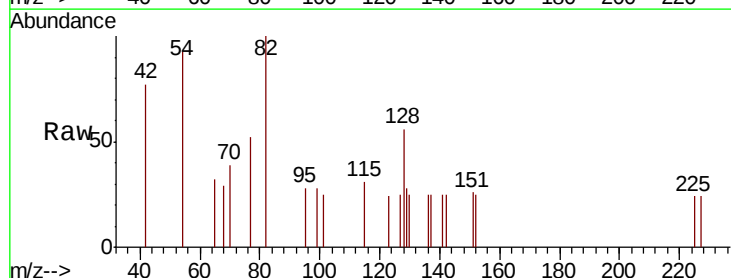


#8

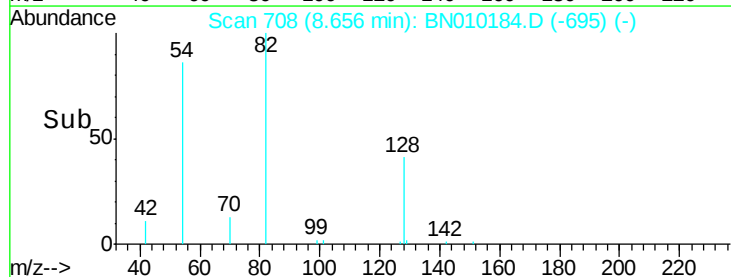
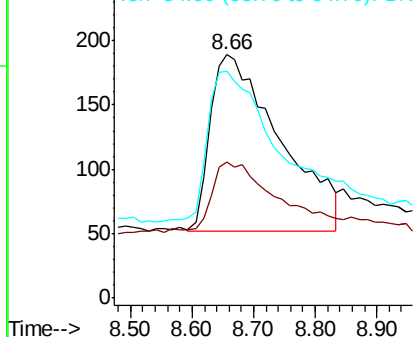
Nitrobenzene-d5

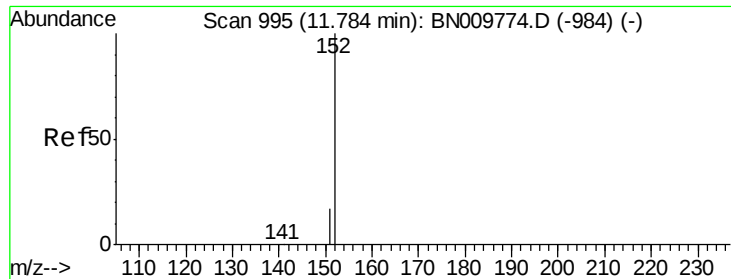
Concen: 0.380 ng m
RT: 8.66 min Scan# 708
Delta R.T. 0.06 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1087		
128	56.1		32.5	48.7#	
54	93.1		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





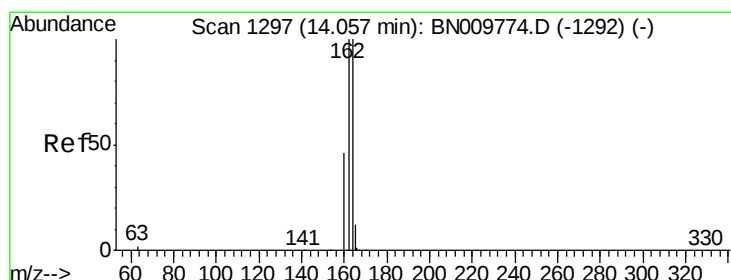
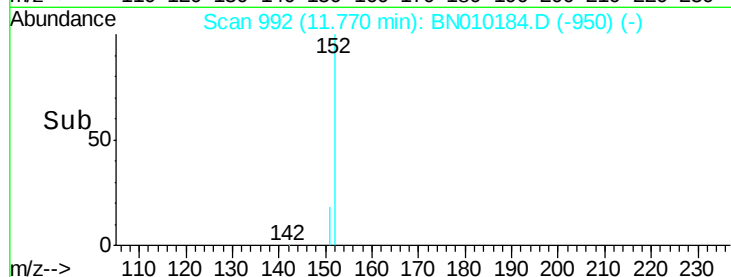
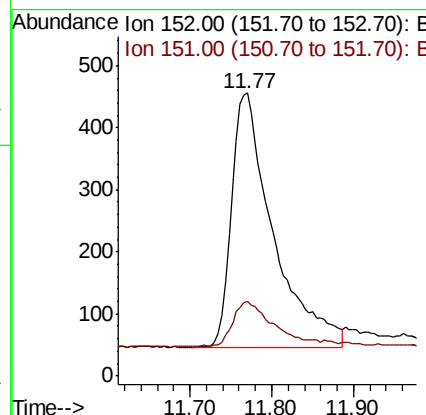
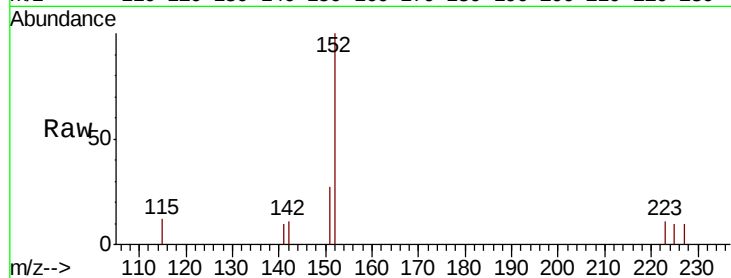
#11
2-Methylnaphthalene-d10
Concen: 0.217 ng
RT: 11.77 min Scan# 992
Delta R.T. -0.01 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.1	22.7

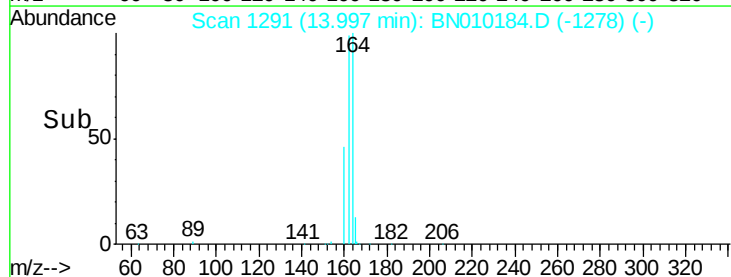
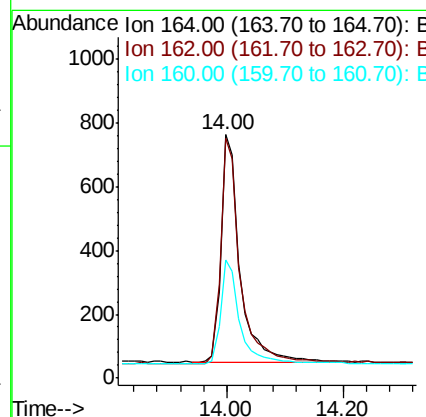
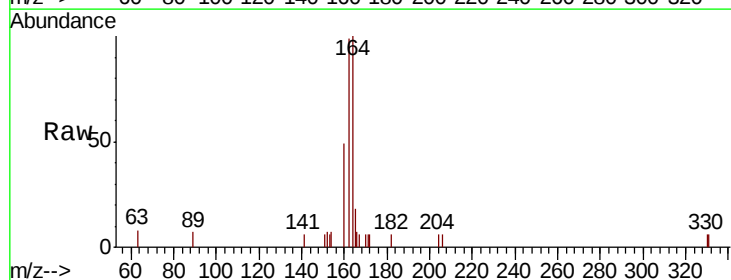
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BN010184.D
Acq: 11 Mar 2020 09:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	48.6	38.2	57.2





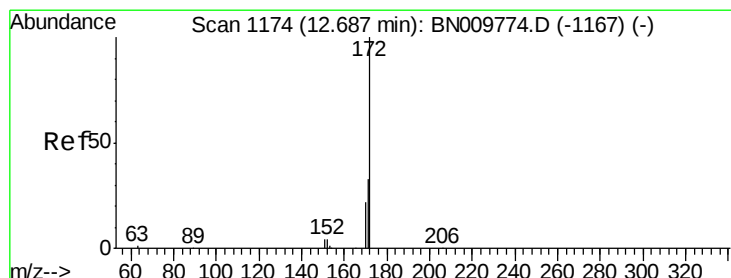
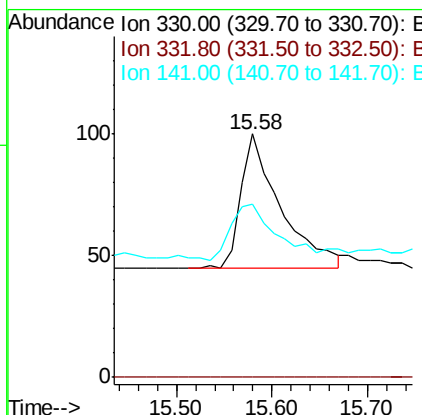
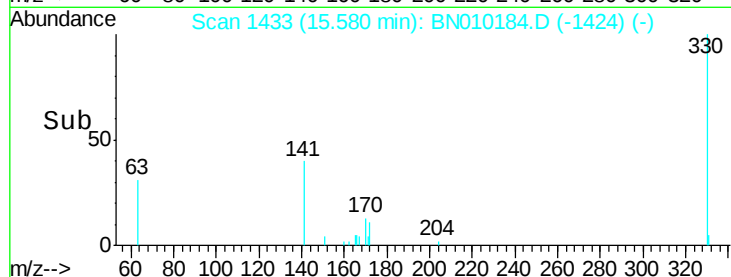
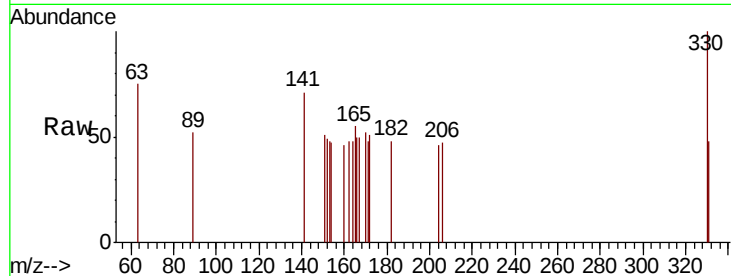
#14
 2,4,6-Tribromophenol
 Concen: 0.252 ng
 RT: 15.58 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BN010184.D
 Acq: 11 Mar 2020 09:56

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20200305

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.6	36.8	55.2

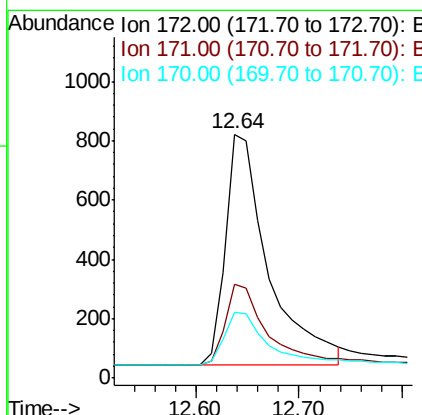
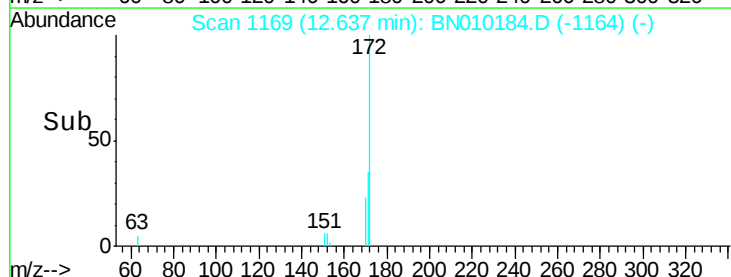
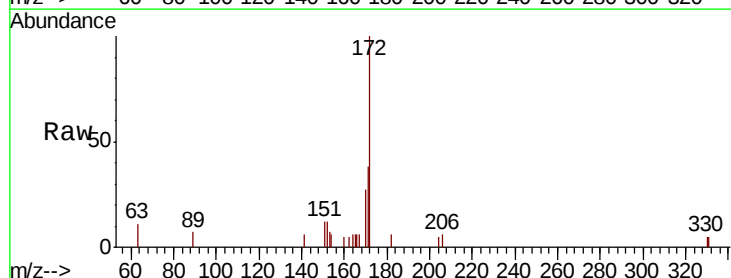
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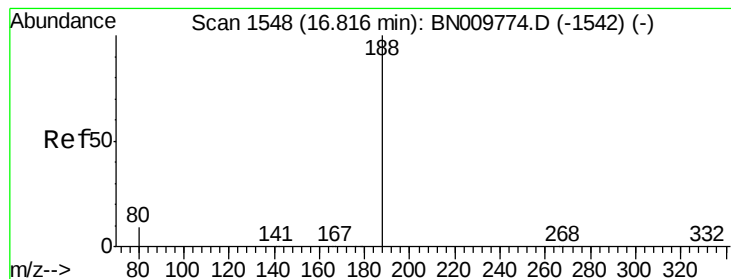
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#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 12.64 min Scan# 1169
 Delta R.T. -0.05 min
 Lab File: BN010184.D
 Acq: 11 Mar 2020 09:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.7	43.1
170	26.8	20.1	30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

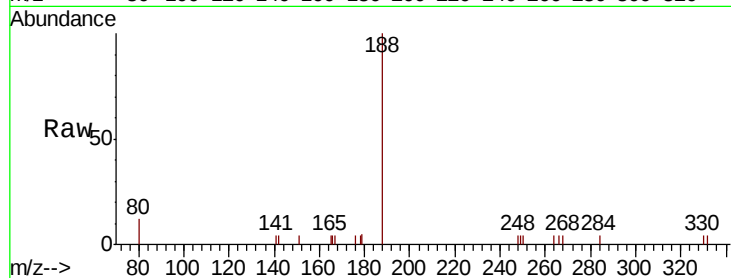
ClientSampleId :

RE105D2-20200305

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	8.3	12.5

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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

16.80

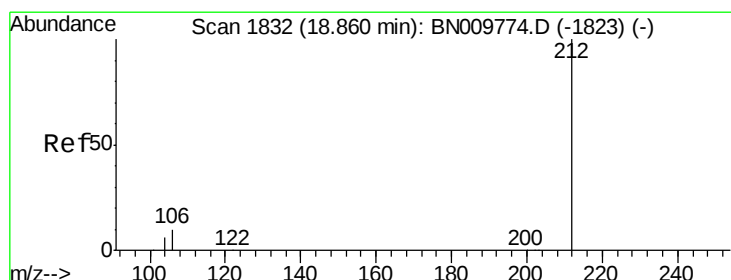
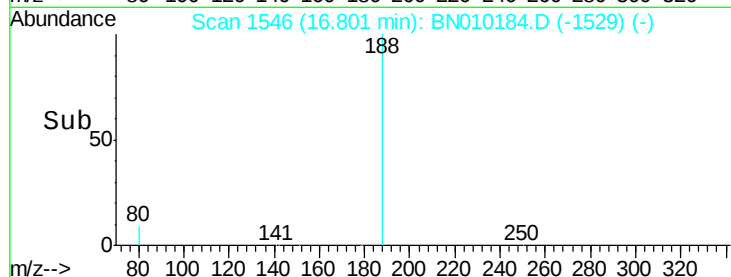
1000

500

0

16.70 16.80 16.90

Time-->



#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.4	12.6
104	6.3	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

18.83

2500

2000

1500

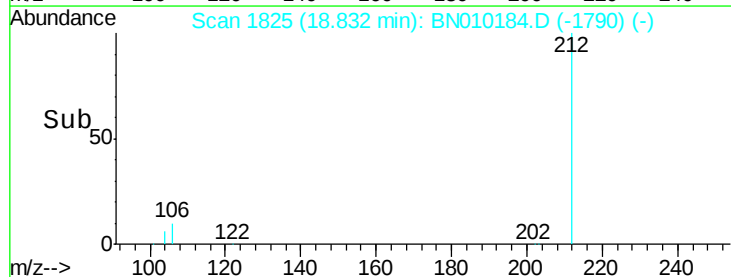
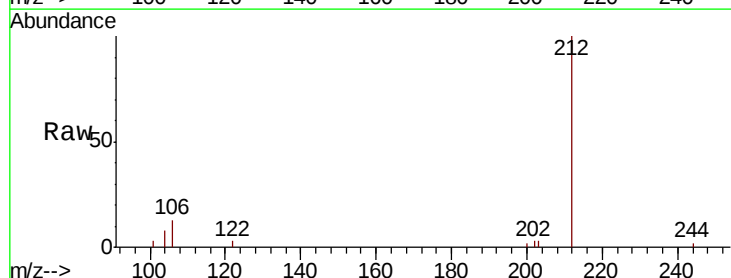
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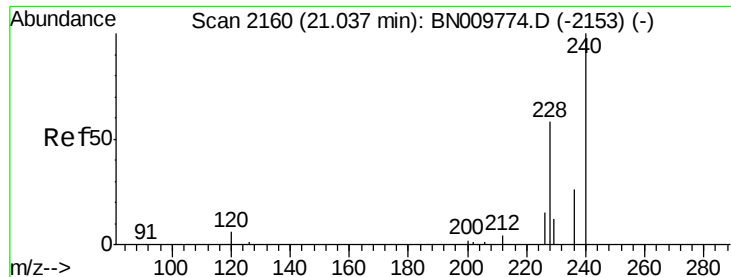
500

0

18.70 18.80 18.90 19.00

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Instrument :

BNA_N

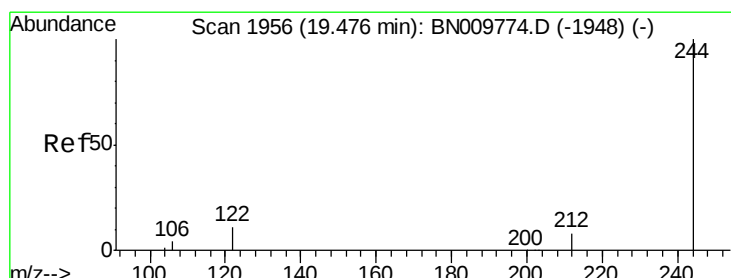
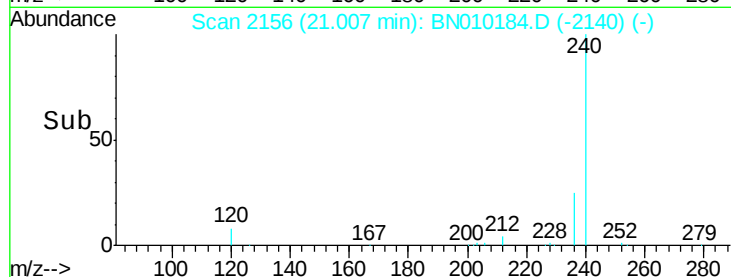
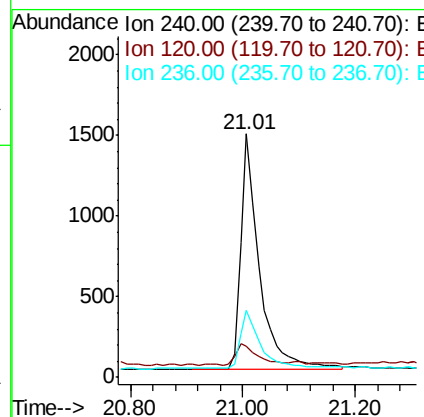
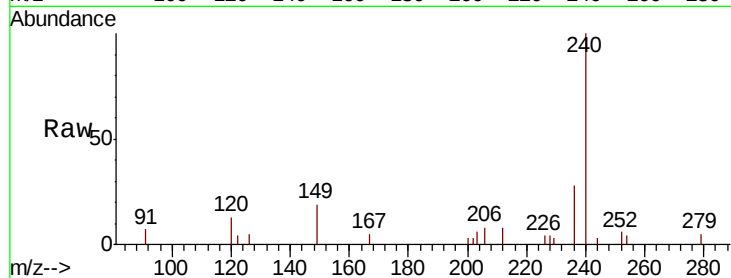
ClientSampleId :

RE105D2-20200305

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	7.9	11.9#
236	27.5	22.0	33.0

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#29

Terphenyl-d14

Concen: 0.427 ng

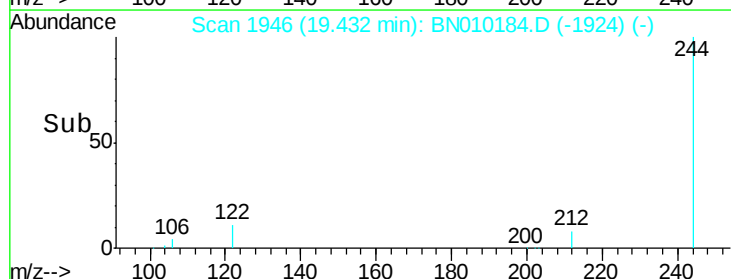
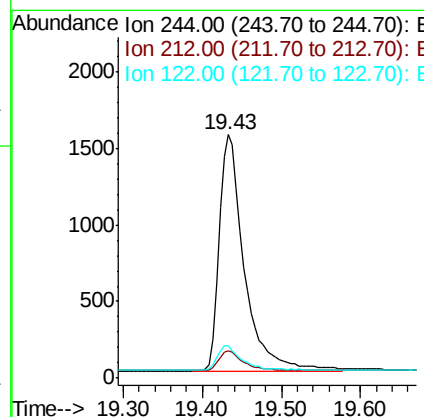
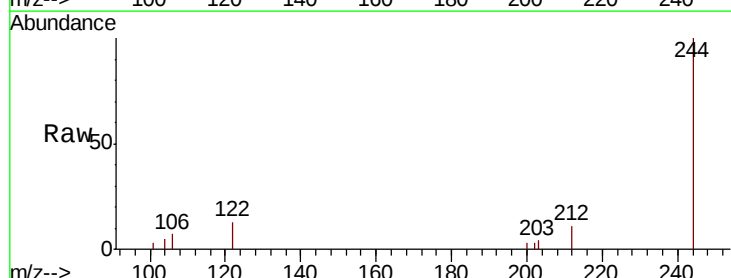
RT: 19.43 min Scan# 1946

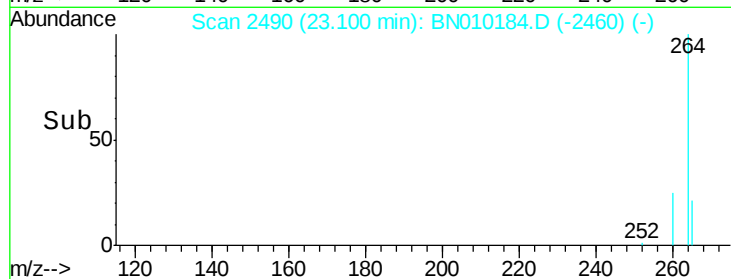
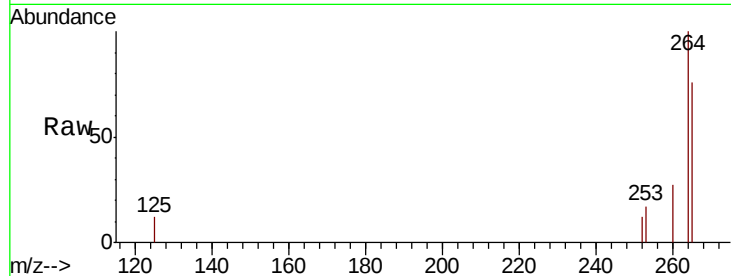
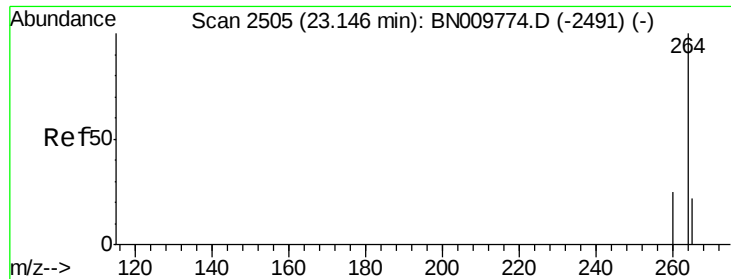
Delta R.T. -0.04 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.0	12.0
122	13.4	10.0	15.0





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BN010184.D

Acq: 11 Mar 2020 09:56

Tot Ion:	264	Resp:	3626
Ion Ratio	Lower	Upper	
264	100		
260	26.5	21.1	31.7
265	76.1	57.5	86.3

Instrument :

BNA_N

ClientSampleId :

RE105D2-20200305

Manual Integrations
APPROVED

mohammad
3/11/2020 5:08:32 PM

