

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010200.D
 Acq On : 11 Mar 2020 19:58
 Operator : CG/JU
 Sample : L1842-21DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305DL

Manual Integrations
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Quant Time: Mar 12 07:48:36 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 Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	737	0.40	ng	0.04
7) Naphthalene-d8	10.22	136	2606m	0.40	ng	0.10
13) Acenaphthene-d10	14.02	164	1701	0.40	ng	0.02
19) Phenanthrene-d10	16.82	188	3721	0.40	ng	0.04
27) Chrysene-d12	21.02	240	4620	0.40	ng	0.02
34) Perylene-d12	23.11	264	3881	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.09	112	18	0.01	ng	0.06
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	8.85	82	151m	0.07	ng	0.29
11) 2-Methylnaphthalene-d10	11.86	152	333m	0.07	ng	0.13
14) 2,4,6-Tribromophenol	15.63	330	32	0.05	ng	0.09
15) 2-Fluorobiphenyl	12.71	172	411m	0.06	ng	0.08
25) Fluoranthene-d10	18.86	212	753	0.06	ng	0.04
29) Terphenyl-d14	19.46	244	630	0.06	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	1558m	2.064	ng	Qvalue

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

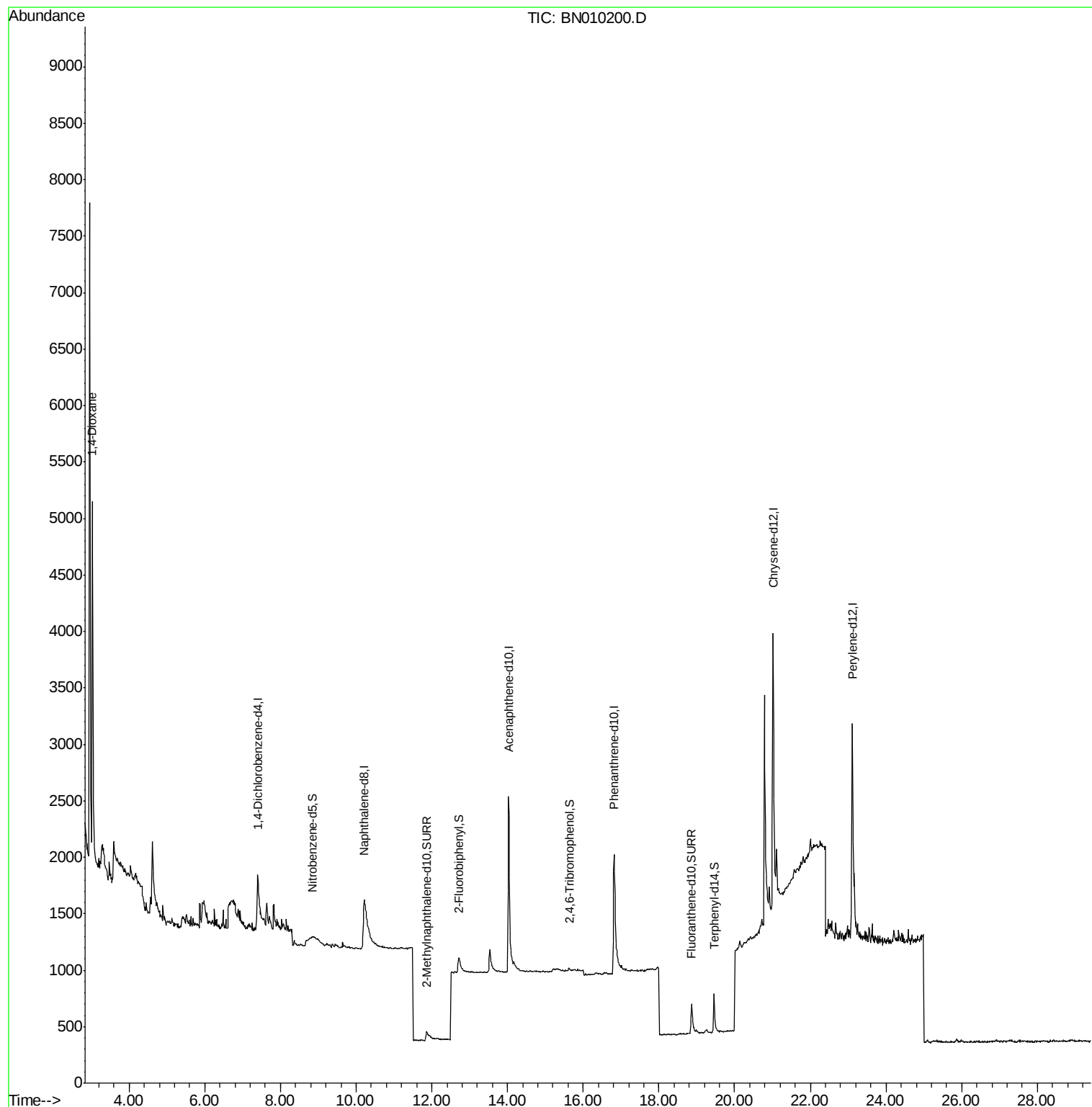
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
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#1

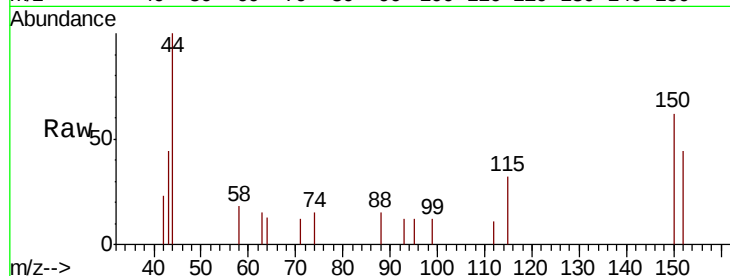
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. 0.04 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305DL

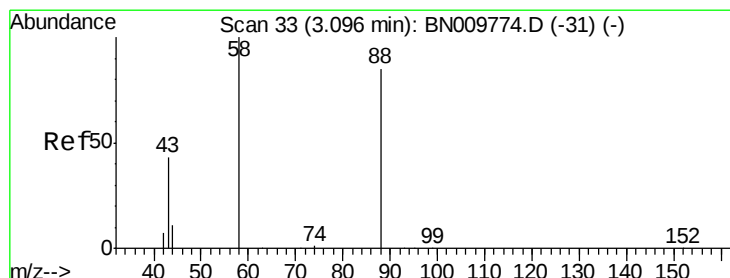
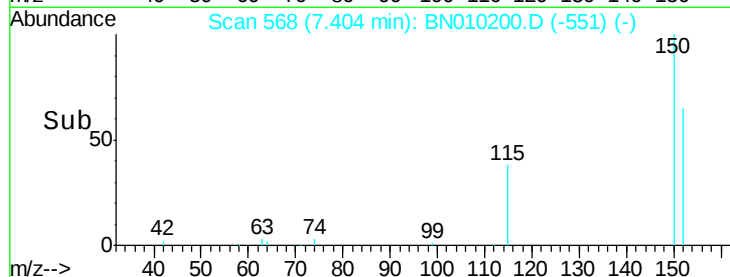
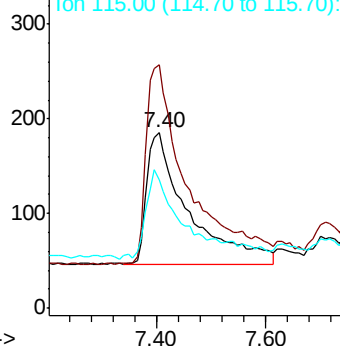
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.9	120.6	181.0
115	73.0	51.2	76.8

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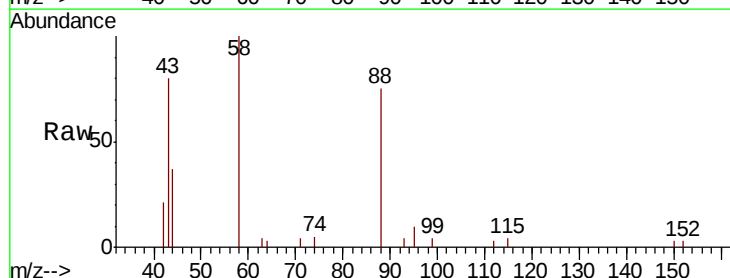
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



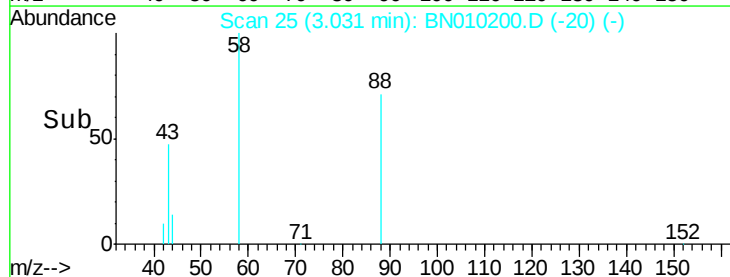
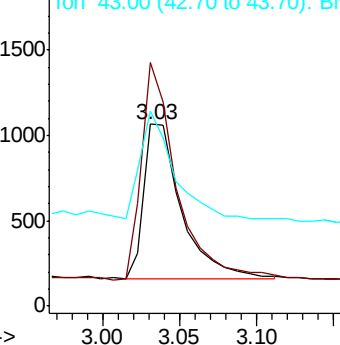
#2

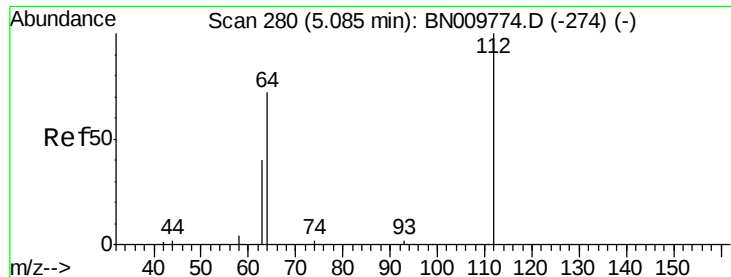
1,4-Dioxane
Concen: 2.064 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.1	97.8	146.8
43	52.3	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: 0.011 ng

RT: 5.09 min Scan# 281

Delta R.T. 0.06 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Instrument :

BNA_N

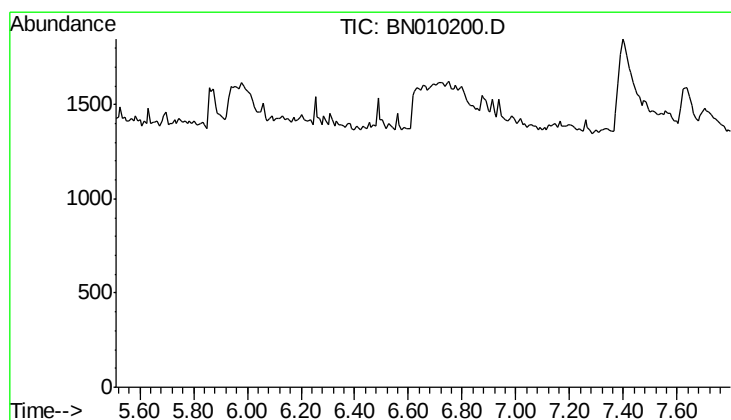
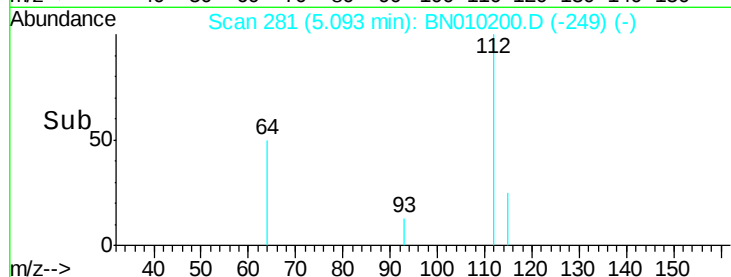
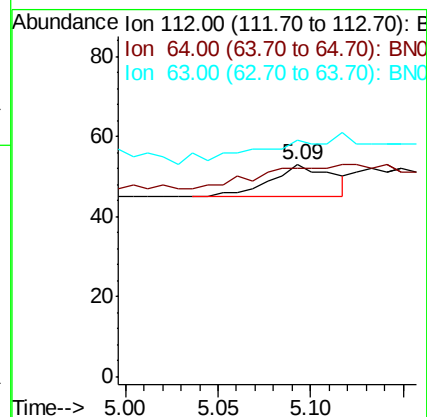
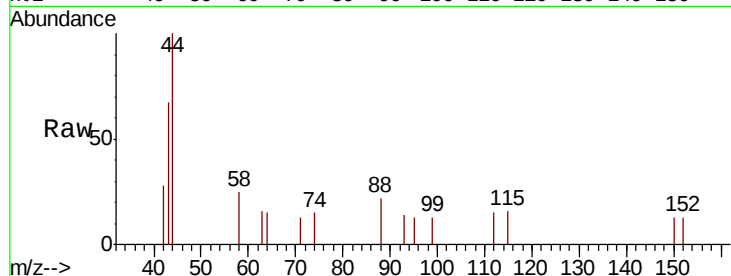
ClientSampleId :

RE134D2-20200305DL

Tot Ion	Ratio	Resp	Lower	Upper
112	100	18		
64	0.0	65.8	98.6#	
63	0.0	38.7	58.1#	

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#5

Phenol-d6

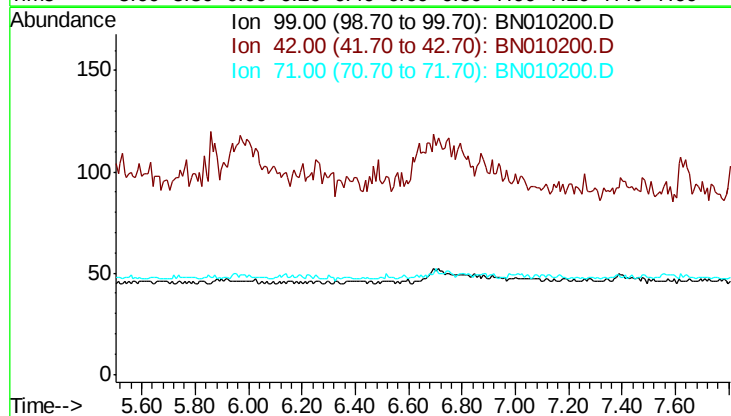
Concen: 0.000 ng

Expected RT: 6.61 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Tgt Ion	Exp Ratio
99	100
42	38.5
71	43.6





#7

Naphthalene-d8

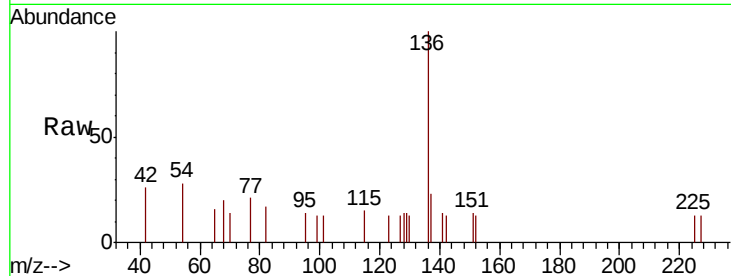
Concen: 0.400 ng m
RT: 10.22 min Scan# 831
Delta R.T. 0.10 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Instrument :
BNA_N
ClientSampleId :
RE134D2-20200305DL

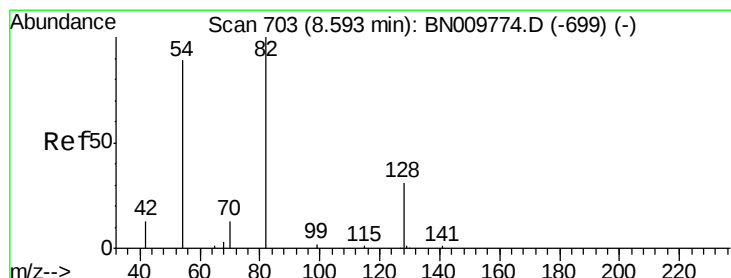
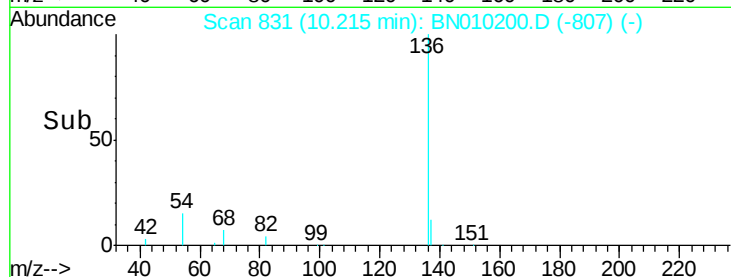
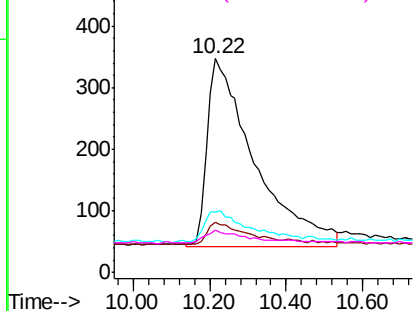
Tot Ion	Ratio	Lower	Upper
136	100		
137	23.3	11.3	16.9#
54	28.2	13.4	20.2#
68	19.6	7.0	10.4#

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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



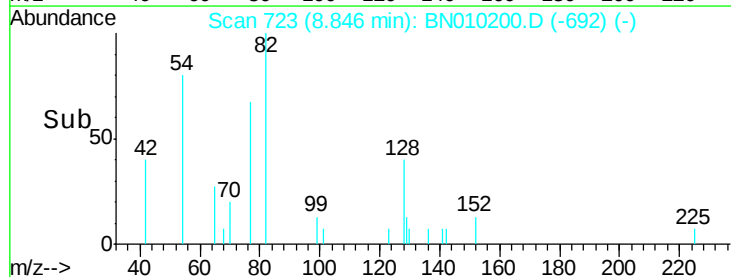
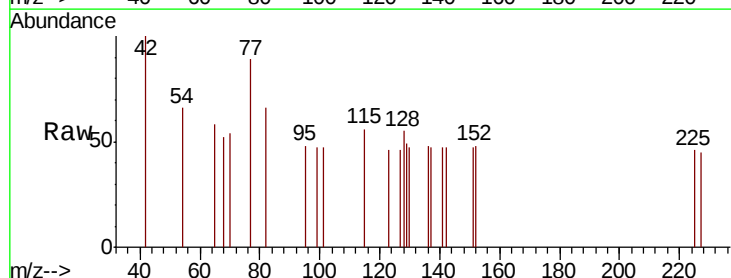
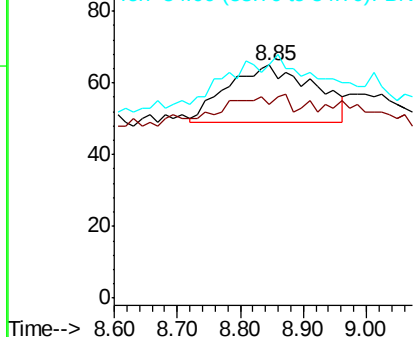
#8

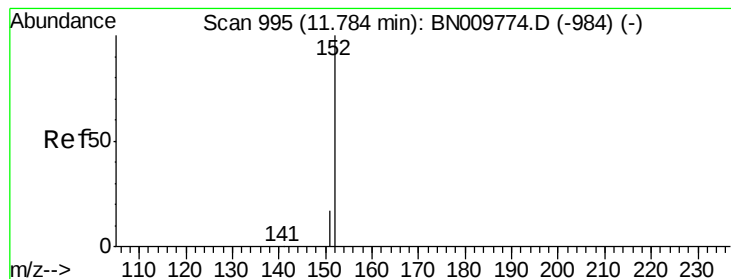
Nitrobenzene-d5

Concen: 0.070 ng m
RT: 8.85 min Scan# 723
Delta R.T. 0.29 min
Lab File: BN010200.D
Acq: 11 Mar 2020 19:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	83.1	32.5	48.7#
54	100.0	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





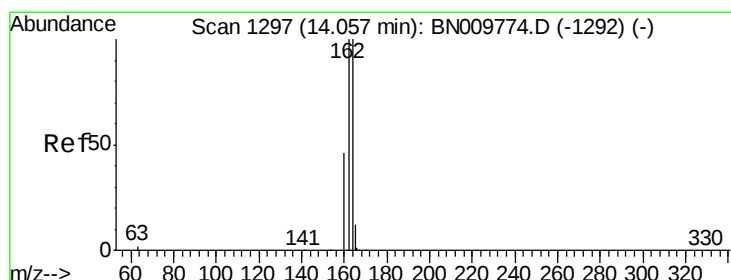
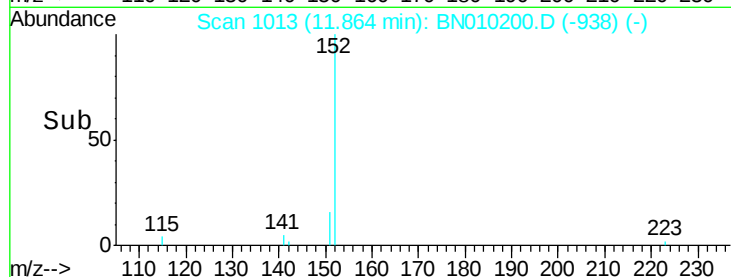
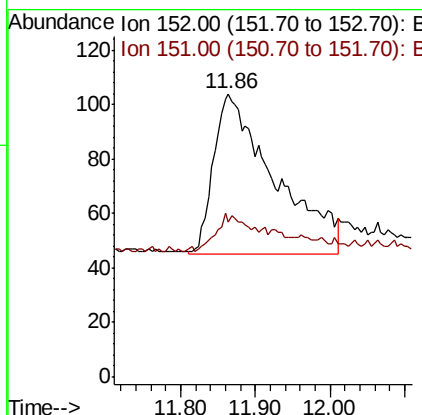
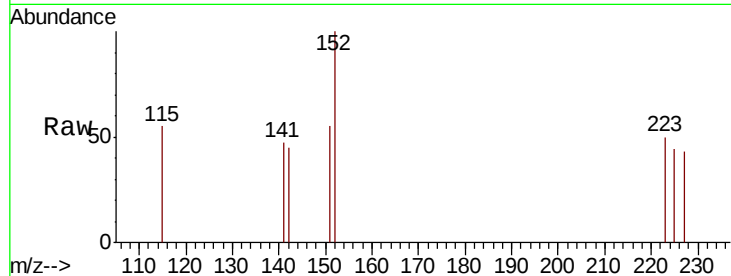
#11
 2-Methylnaphthalene-d10
 Concen: 0.066 ng/ml
 RT: 11.86 min Scan# 1013
 Delta R.T. 0.13 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Instrument :
 BNA_N
 ClientSampleID :
 RE134D2-20200305DL

Tot Ion:152 Resp: 333
 Ion Ratio Lower Upper
 152 100
 151 12.3 15.1 22.7#

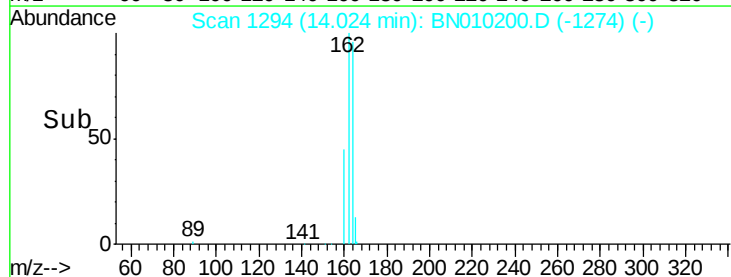
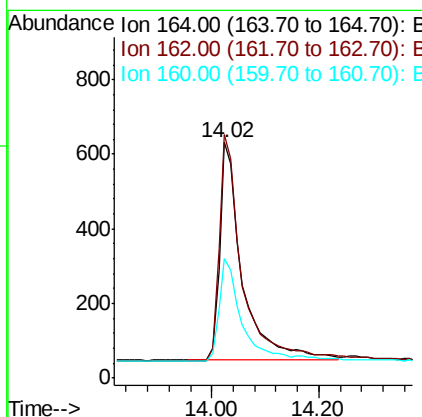
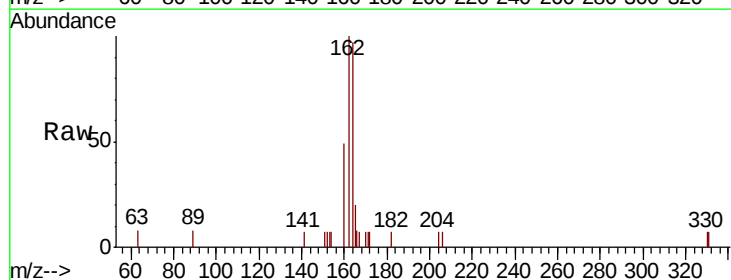
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.02 min Scan# 1294
 Delta R.T. 0.02 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Tgt Ion:164 Resp: 1701
 Ion Ratio Lower Upper
 164 100
 162 103.5 79.9 119.9
 160 50.9 38.2 57.2





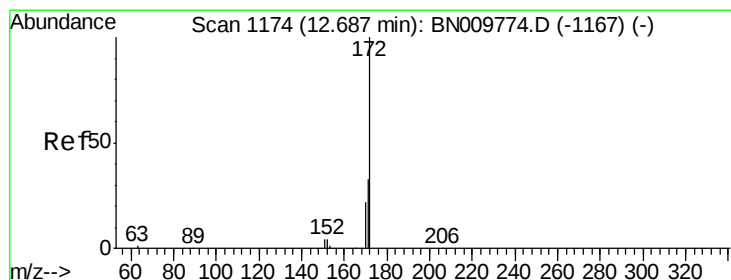
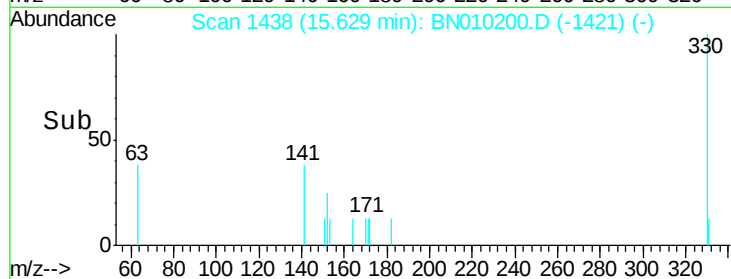
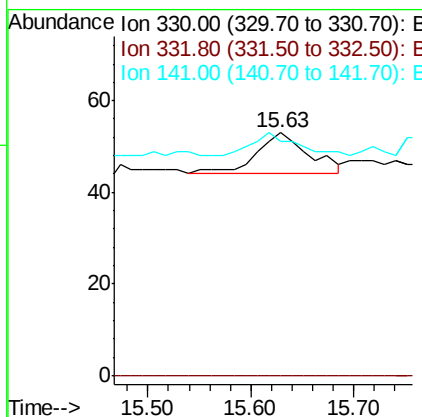
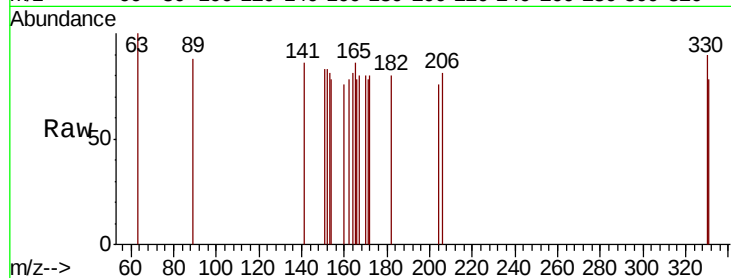
#14
 2,4,6-Tribromophenol
 Concen: 0.049 ng
 RT: 15.63 min Scan# 1438
 Delta R.T. 0.09 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.9	36.8	55.2

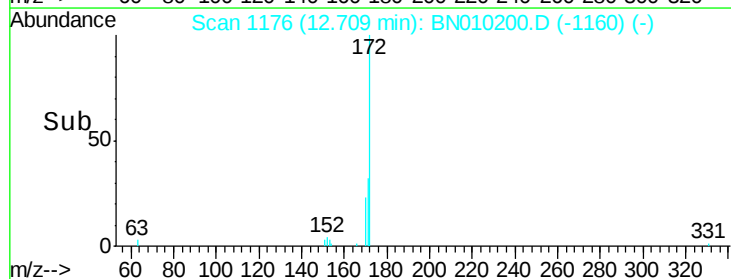
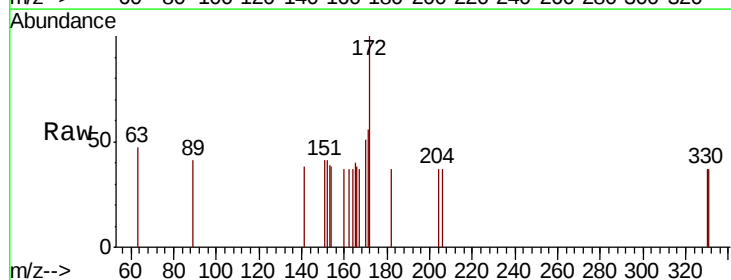
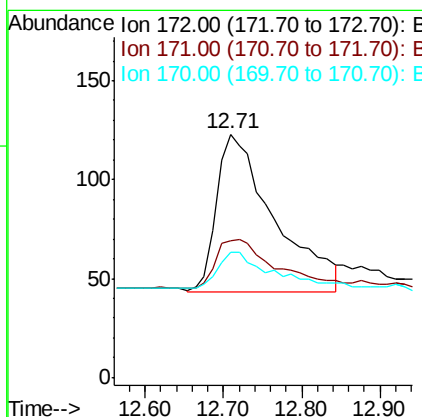
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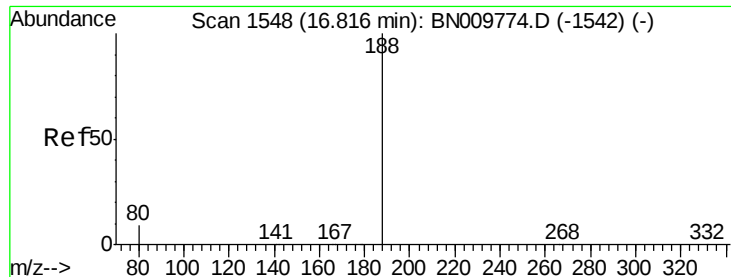
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#15
 2-Fluorobiphenyl
 Concen: 0.064 ng m
 RT: 12.71 min Scan# 1176
 Delta R.T. 0.08 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	56.1	28.7	43.1#
170	51.2	20.1	30.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1548

Delta R.T. 0.04 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Instrument :

BNA_N

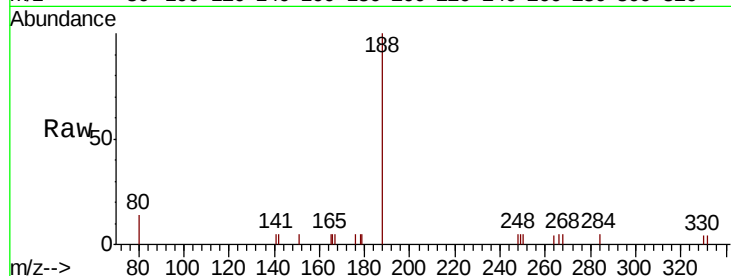
ClientSampleId :

RE134D2-20200305DL

Tot Ion:	188	Resp:	3721
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.9	8.3	12.5#

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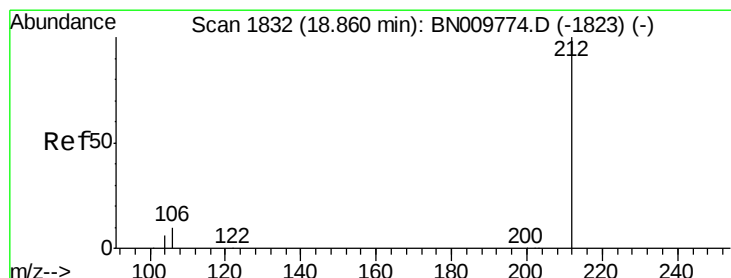
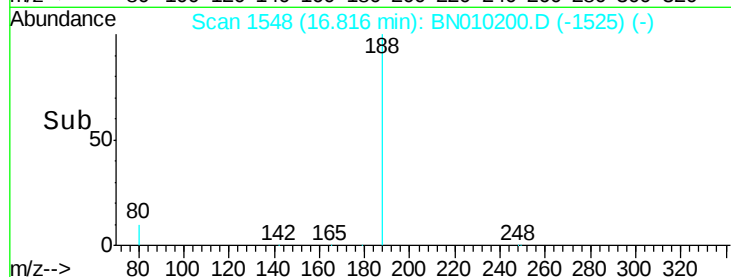
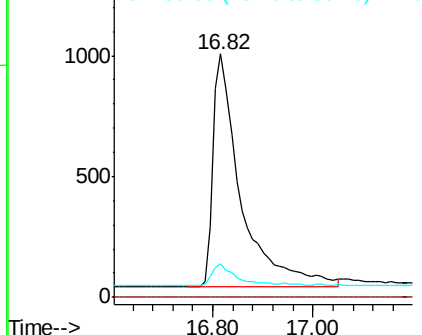
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.059 ng

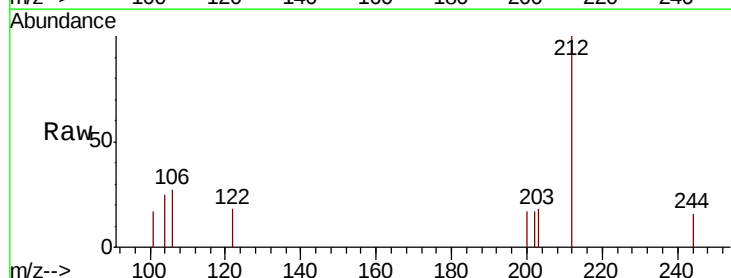
RT: 18.86 min Scan# 1832

Delta R.T. 0.04 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

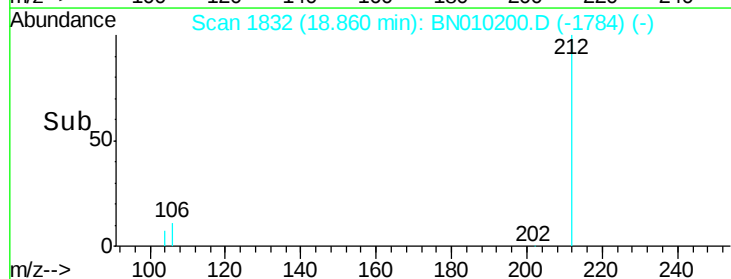
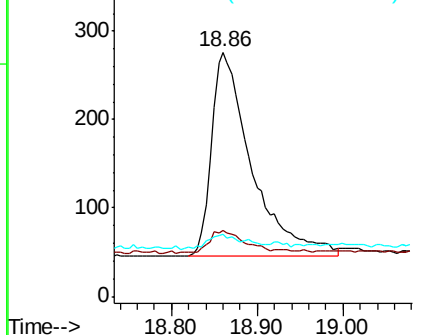
Tgt Ion:	212	Resp:	753
Ion Ratio	Lower	Upper	
212	100		
106	8.5	8.4	12.6
104	5.0	4.8	7.2

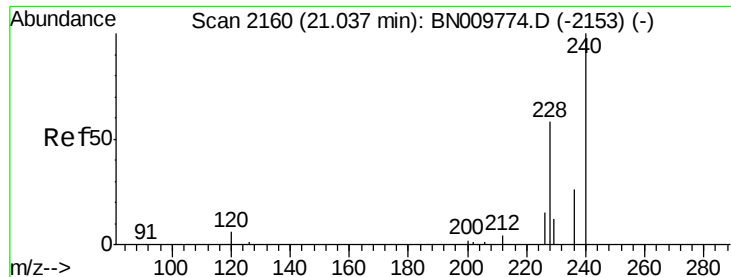


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010200.D

Acq: 11 Mar 2020 19:58

Instrument :

BNA_N

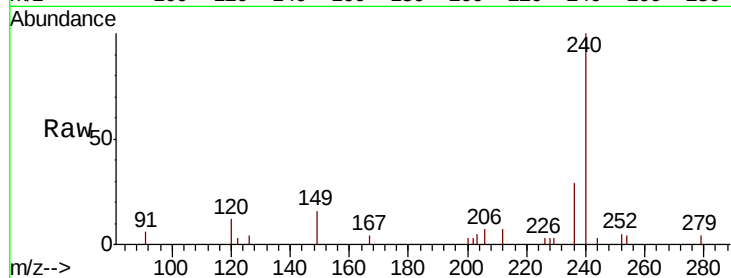
ClientSampleId :

RE134D2-20200305DL

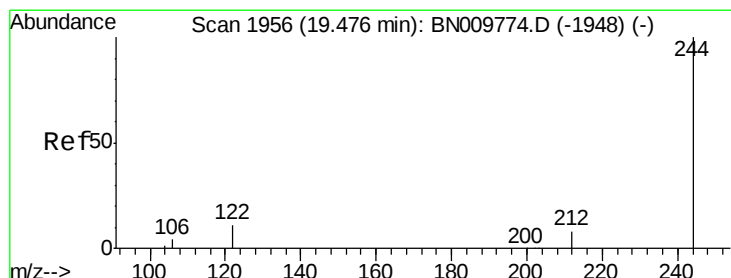
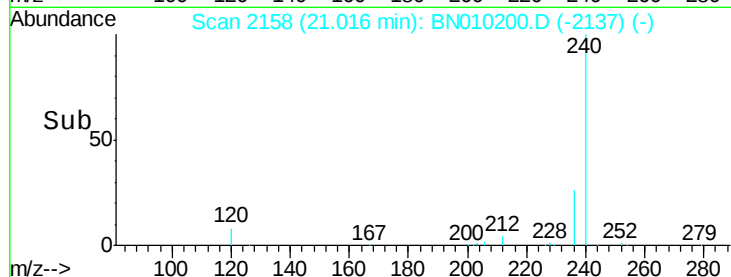
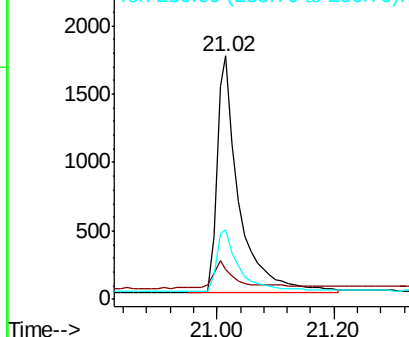
Tot Ion:	240	Resp:	4620
Ion Ratio	Lower	Upper	
240	100		
120	12.1	7.9	11.9#
236	28.8	22.0	33.0

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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: 0.057 ng

RT: 19.46 min Scan# 1952

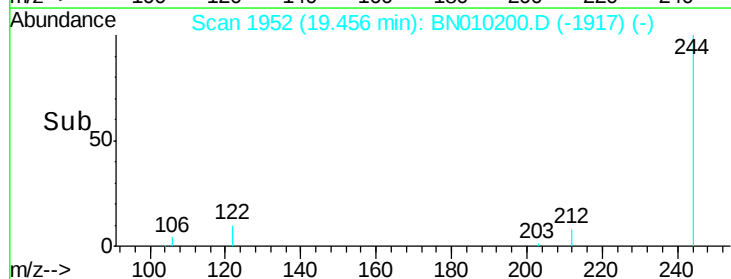
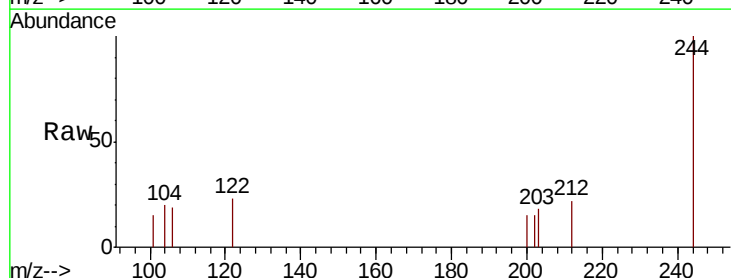
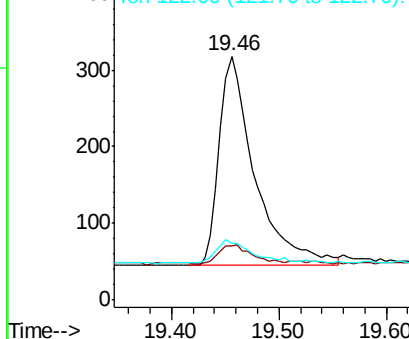
Delta R.T. 0.03 min

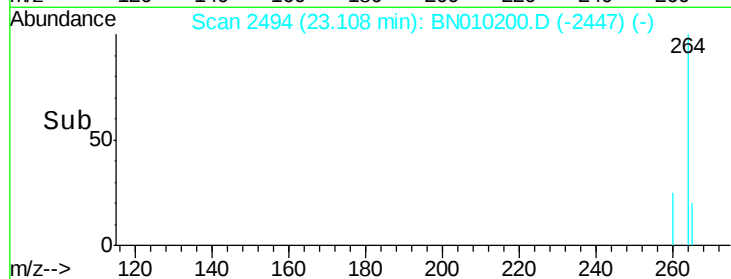
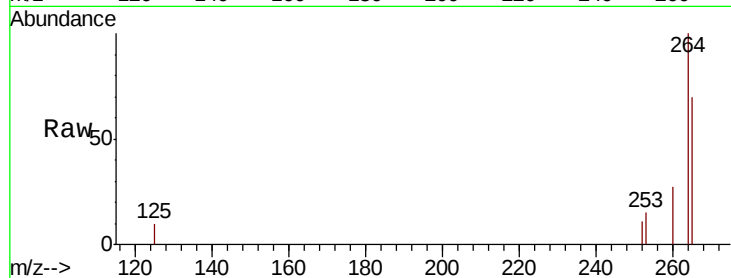
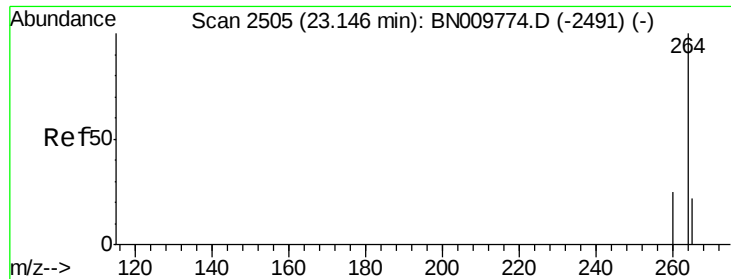
Lab File: BN010200.D

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Tgt Ion:	244	Resp:	630
Ion Ratio	Lower	Upper	
244	100		
212	22.3	8.0	12.0#
122	23.3	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





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BN010200.D
 Acq: 11 Mar 2020 19:58

Tot Ion:	264	Resp:	3881
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.1	31.7
265	69.7	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20200305DL

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:45:44 PM

