

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010186.D
 Acq On : 11 Mar 2020 11:08
 Operator : CG/JU
 Sample : L1842-28
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306

Manual Integrations
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Quant Time: Mar 11 15:38:55 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	7.39	152	702	0.40	ng	-0.03
7) Naphthalene-d8	10.18	136	2065	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1470	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	2858	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3067	0.40	ng	-0.03
34) Perylene-d12	23.10	264	4123	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	294	0.19	ng	-0.02
5) Phenol-d6	6.61	99	220	0.12	ng	-0.03
8) Nitrobenzene-d5	8.67	82	701m	0.41	ng	0.08
11) 2-Methylnaphthalene-d10	11.77	152	1360	0.34	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	154	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	2219	0.40	ng	-0.03
25) Fluoranthene-d10	18.83	212	3834	0.39	ng	-0.03
29) Terphenyl-d14	19.43	244	3216	0.44	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.03	88	7702m	10.713	ng	Qvalue

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

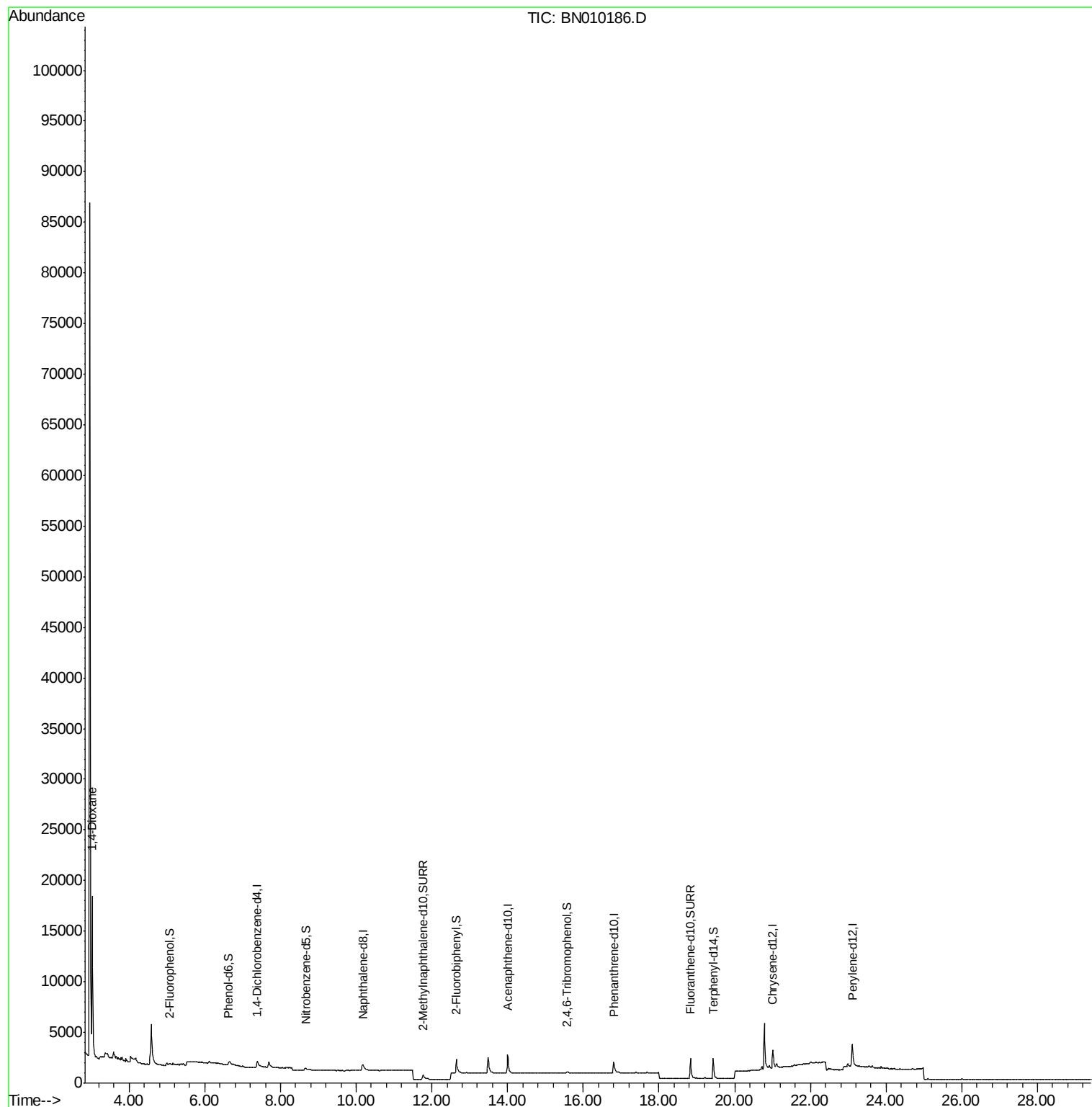
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
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#1

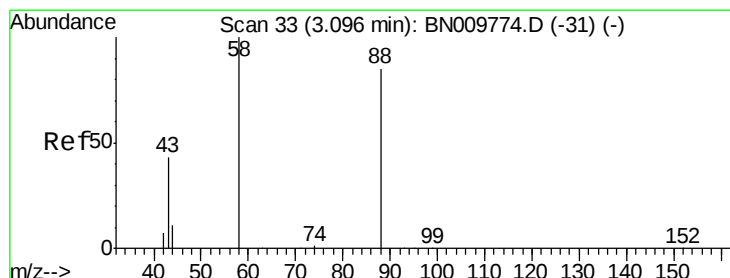
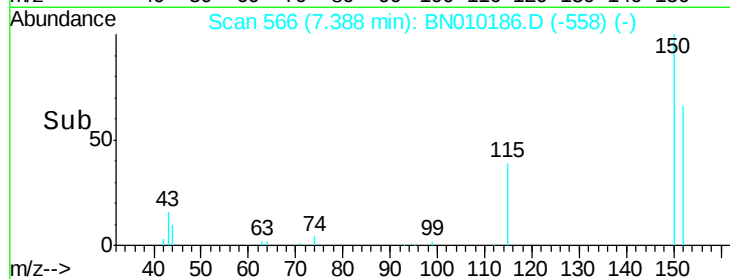
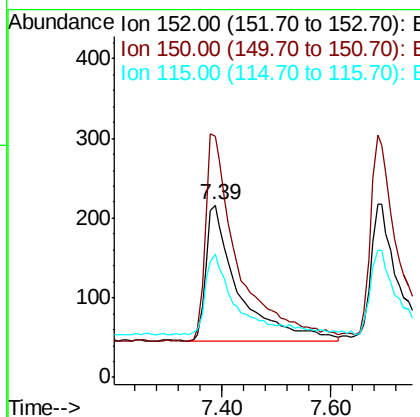
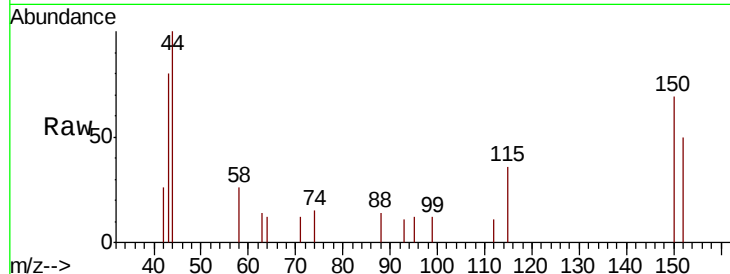
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.8	120.6	181.0
115	71.8	51.2	76.8

Manual Integrations
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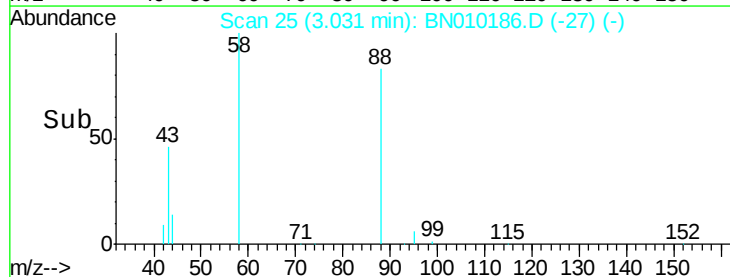
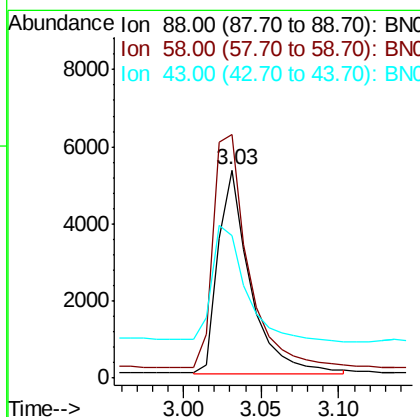
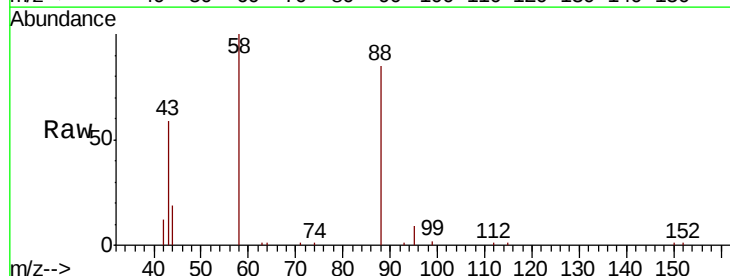
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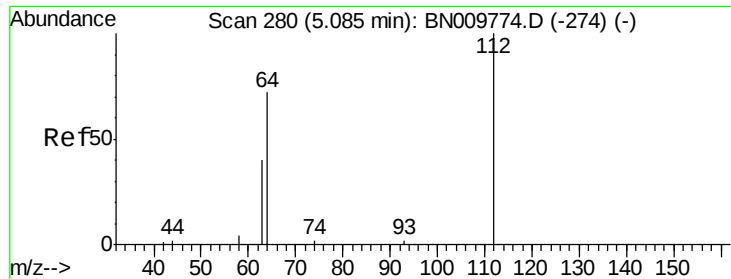


#2

1,4-Dioxane
Concen: 10.713 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.06 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

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





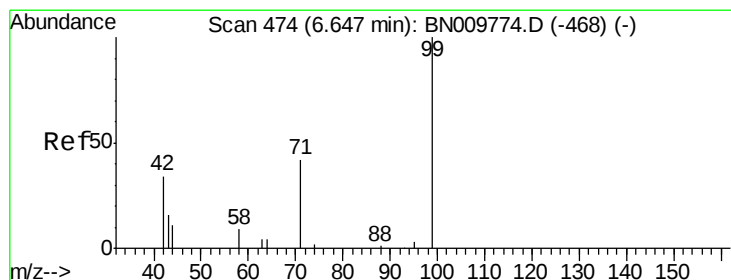
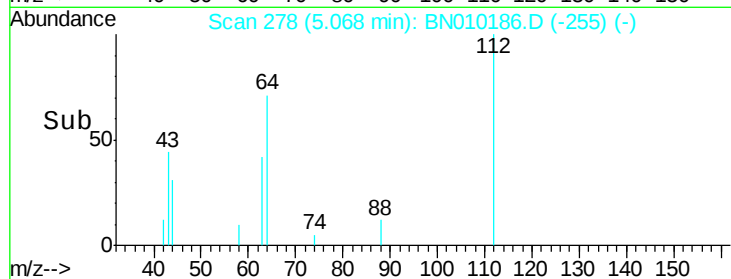
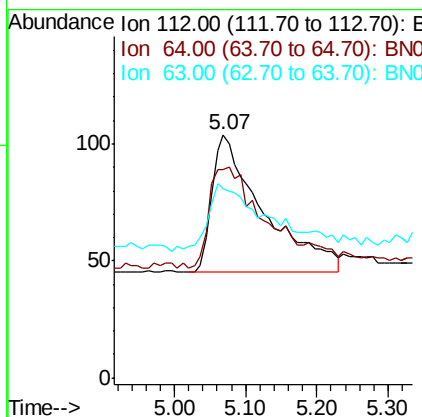
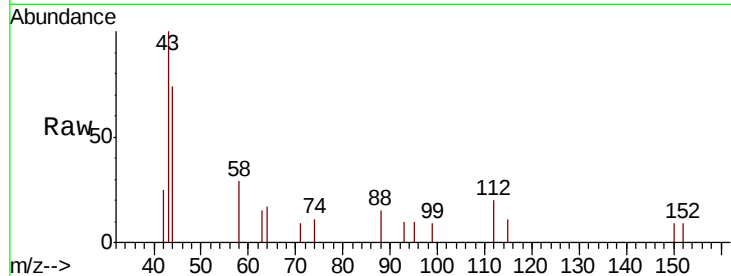
#4
 2-Fluorophenol
 Concen: 0.188 ng
 RT: 5.07 min Scan# 278
 Delta R.T. -0.02 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306

Tot Ion:	112	Resp:	294
Ion Ratio	Lower	Upper	
112	100		
64	75.9	65.8	98.6
63	52.7	38.7	58.1

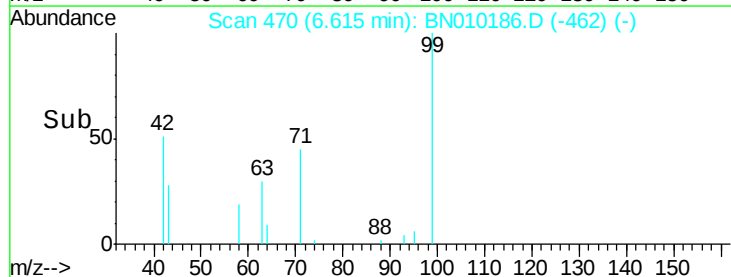
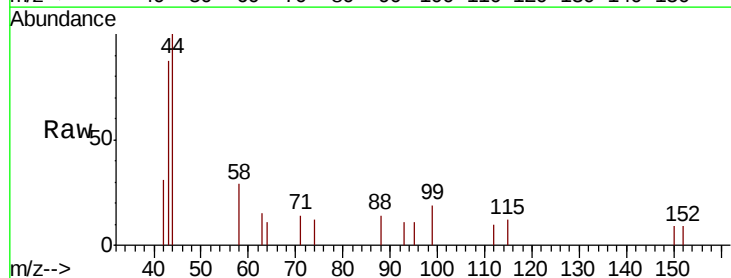
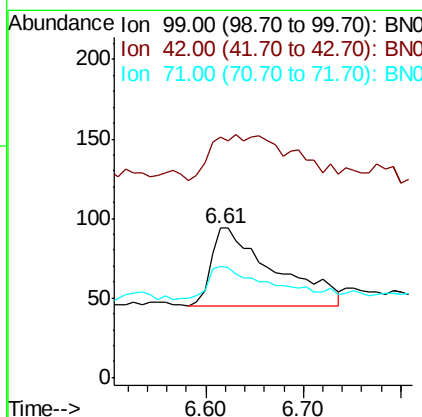
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#5
 Phenol-d6
 Concen: 0.116 ng
 RT: 6.61 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Tgt Ion:	99	Resp:	220
Ion Ratio	Lower	Upper	
99	100		
42	31.8	30.8	46.2
71	43.2	34.9	52.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

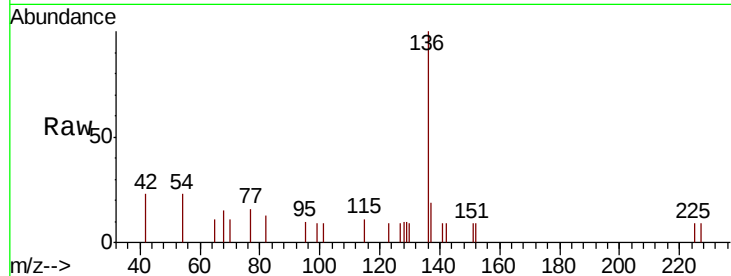
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RE125D2-20200306

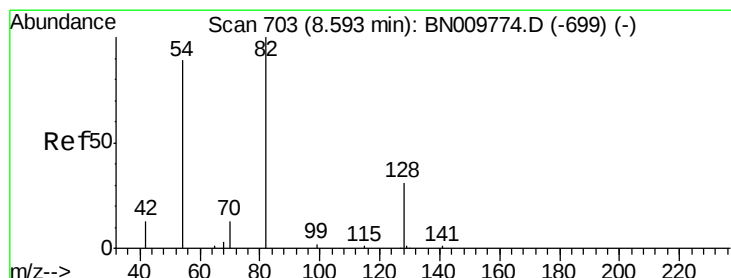
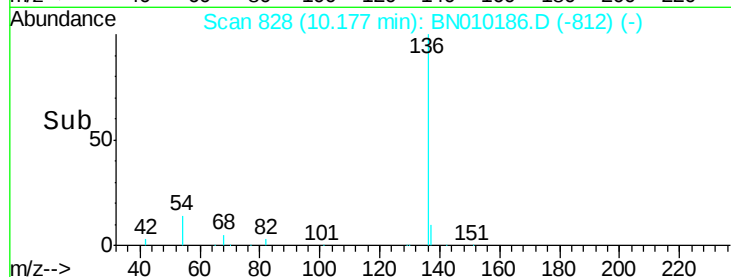
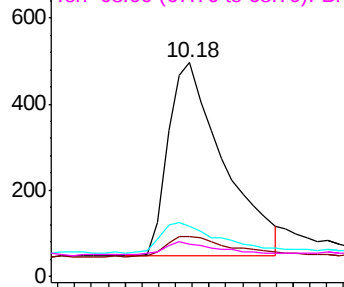
Tot Ion	Ratio	Lower	Upper
136	100		
137	18.5	11.3	16.9#
54	23.2	13.4	20.2#
68	14.9	7.0	10.4#

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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: 0.408 ng m

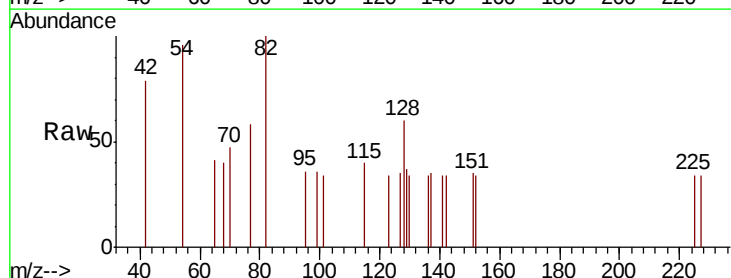
RT: 8.67 min Scan# 709

Delta R.T. 0.08 min

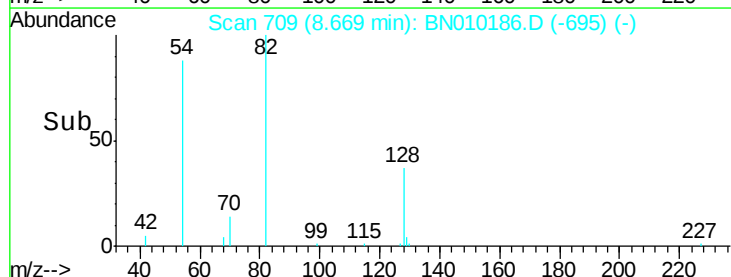
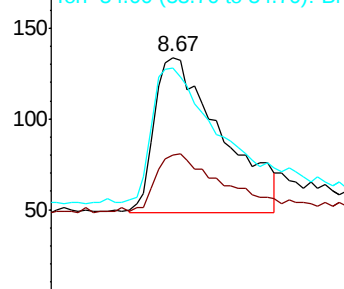
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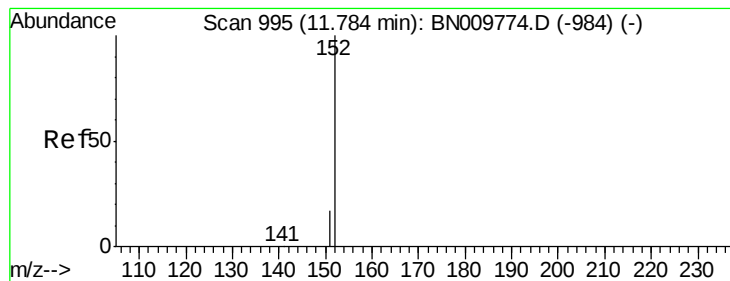
Acq: 11 Mar 2020 11:08

Tgt Ion	Ratio	Lower	Upper
82	100		
128	59.7	32.5	48.7#
54	95.5	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





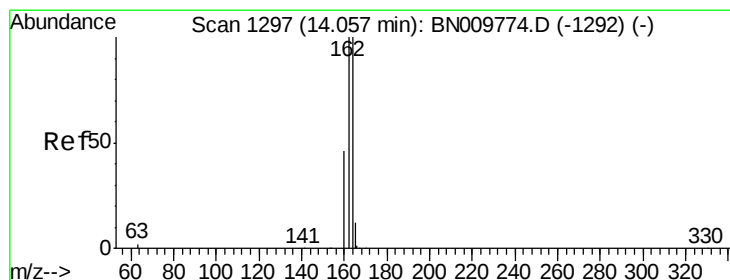
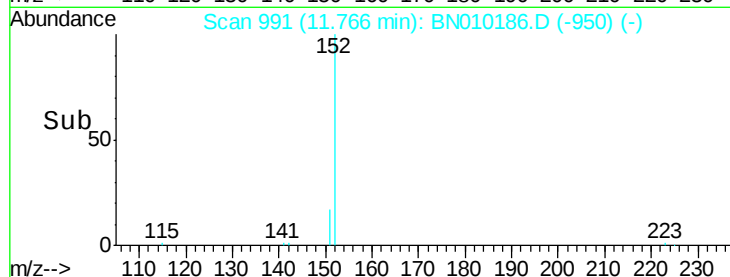
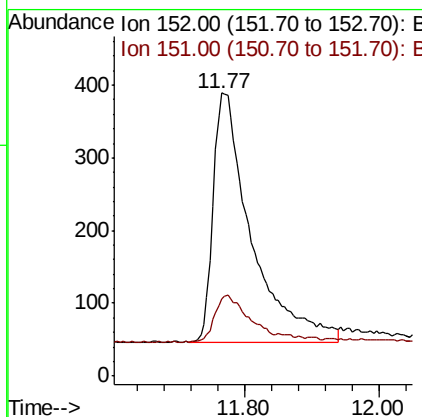
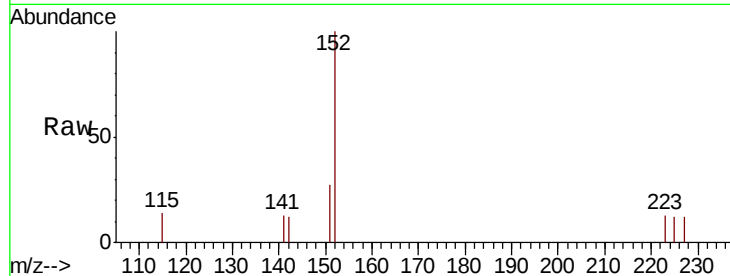
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.02 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.0	15.1	22.7

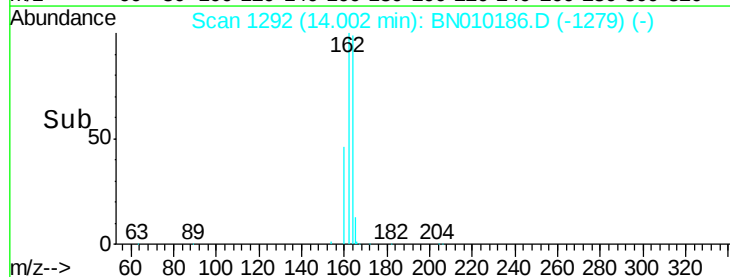
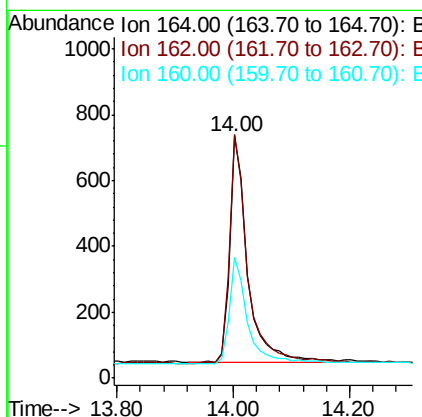
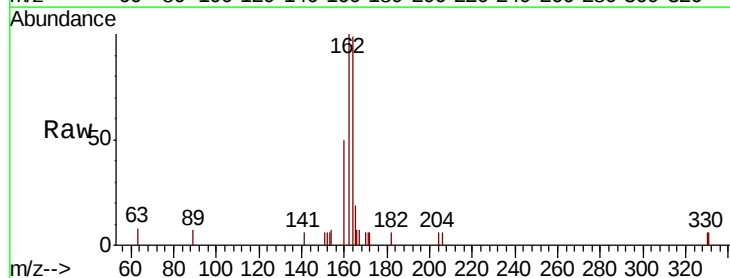
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010186.D
Acq: 11 Mar 2020 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	49.9	38.2	57.2





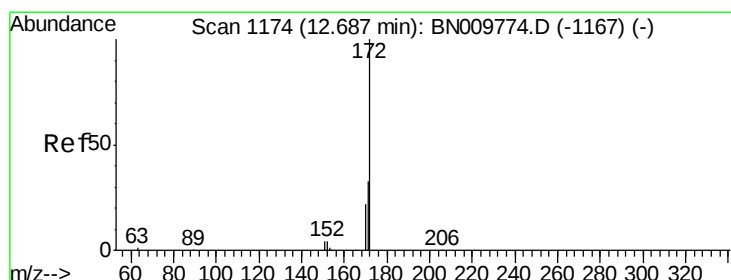
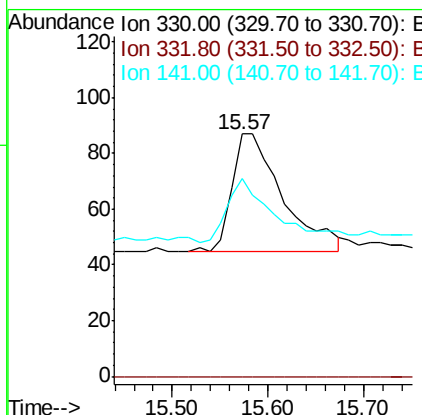
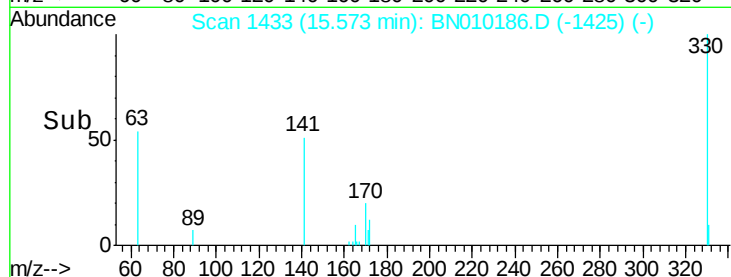
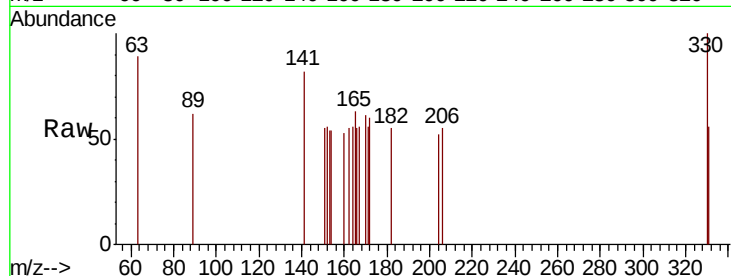
#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.0	36.8	55.2

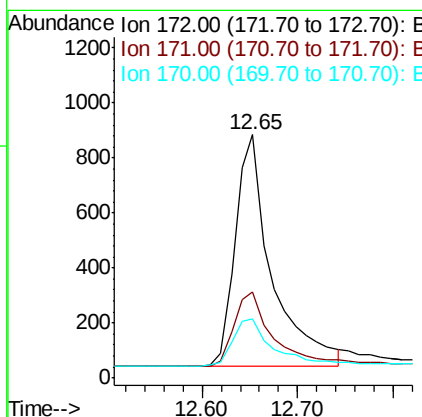
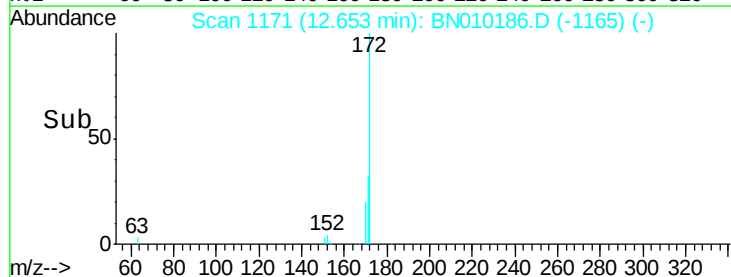
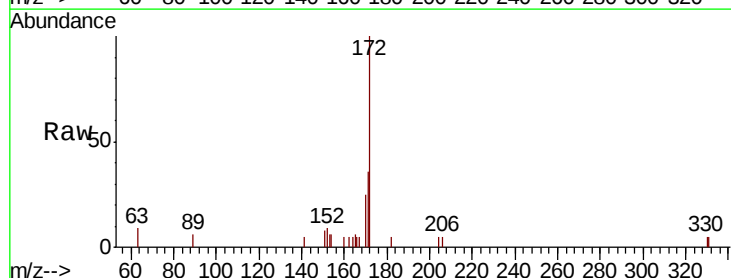
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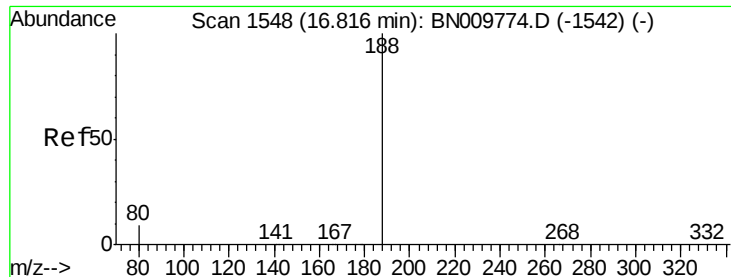
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#15
 2-Fluorobiphenyl
 Concen: 0.400 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	24.5	20.1	30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

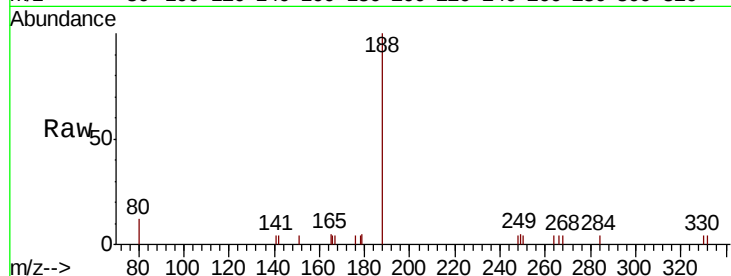
ClientSampleId :

RE125D2-20200306

Tot Ion:	188	Resp:	2858
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.9	8.3	12.5

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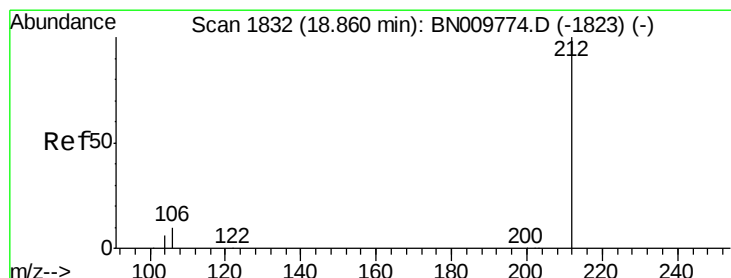
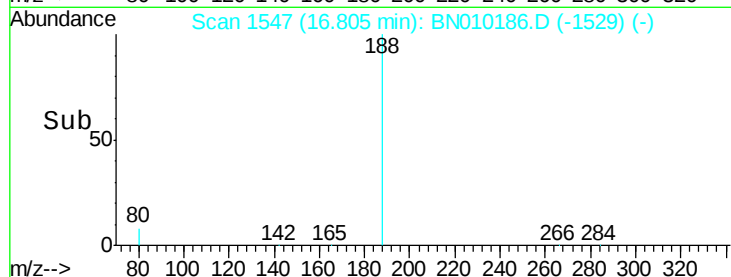
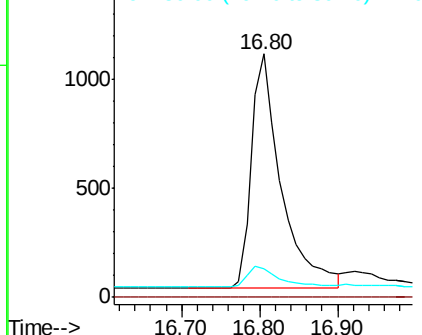
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.388 ng

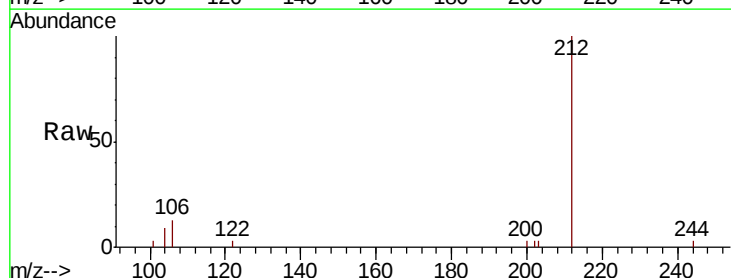
RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

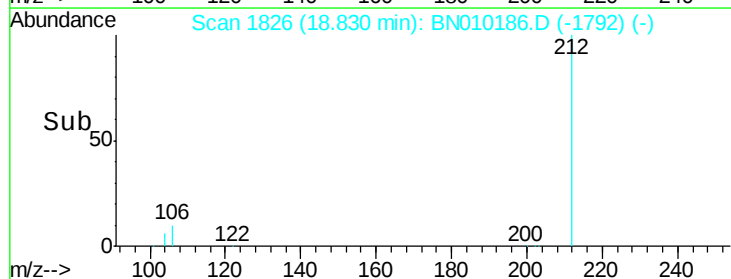
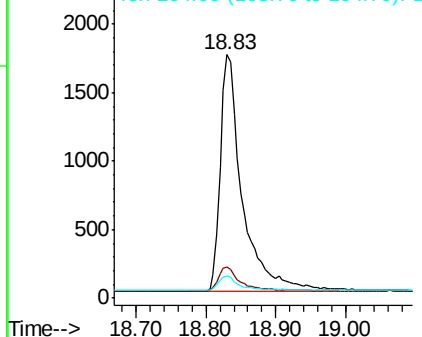
Tgt Ion:	212	Resp:	3834
Ion Ratio	Lower	Upper	
212	100		
106	9.4	8.4	12.6
104	5.4	4.8	7.2

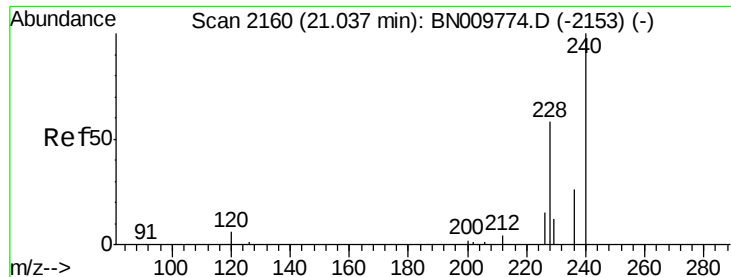


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

Instrument :

BNA_N

ClientSampleId :

RE125D2-20200306

Tot Ion:240 Resp: 3067

Ion Ratio Lower Upper

240 100

120 14.7 7.9 11.9#

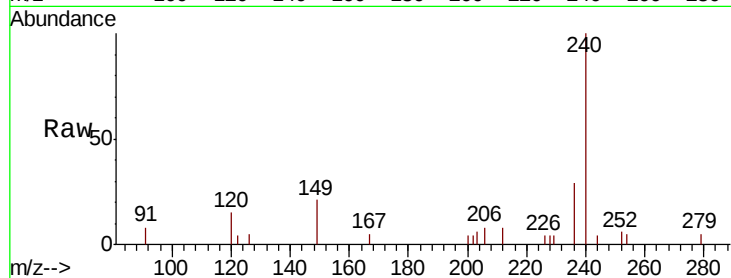
236 29.2 22.0 33.0

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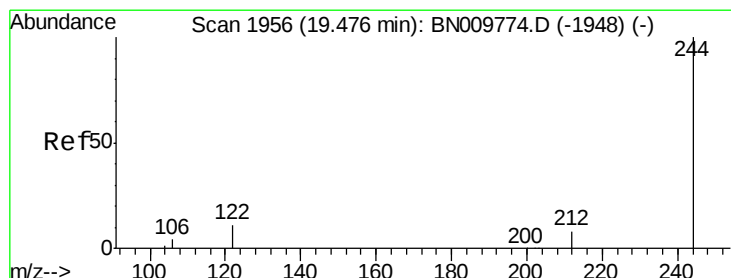
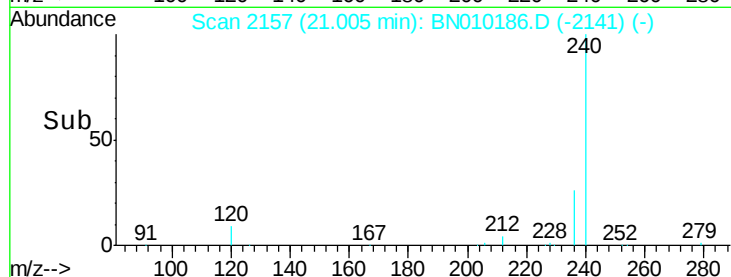
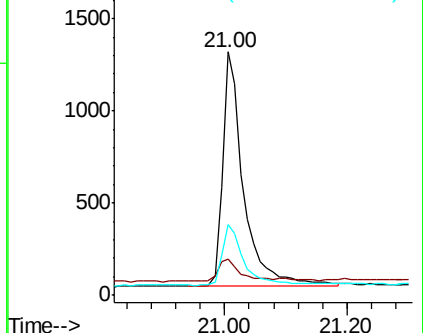
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.439 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010186.D

Acq: 11 Mar 2020 11:08

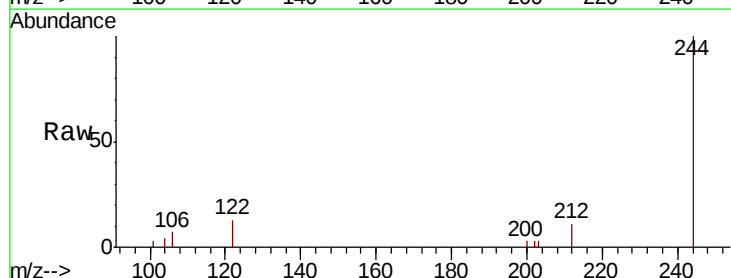
Tgt Ion:244 Resp: 3216

Ion Ratio Lower Upper

244 100

212 10.8 8.0 12.0

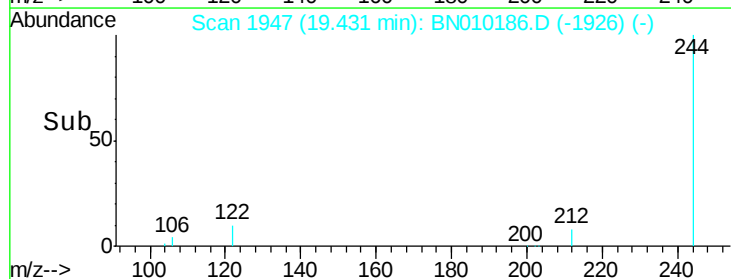
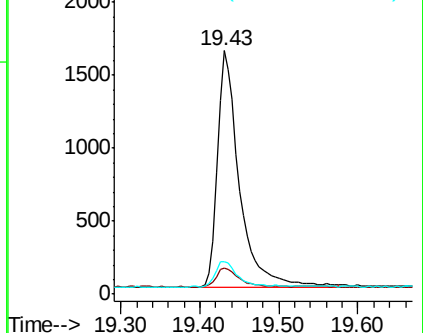
122 13.2 10.0 15.0

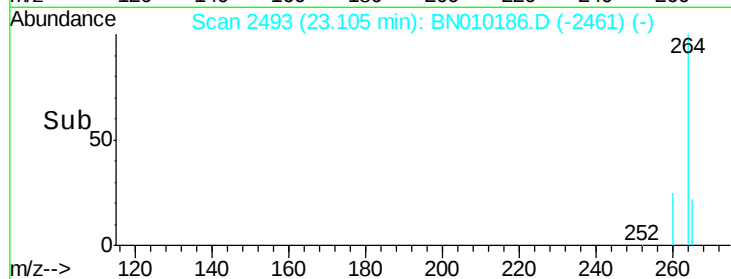
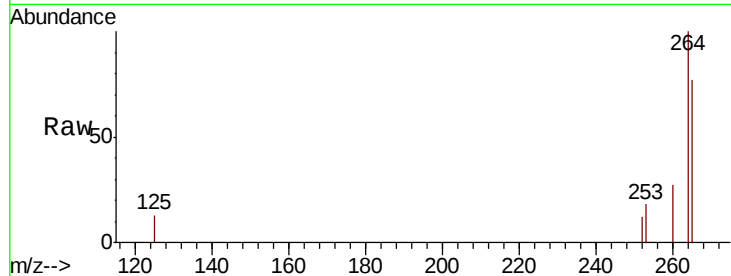
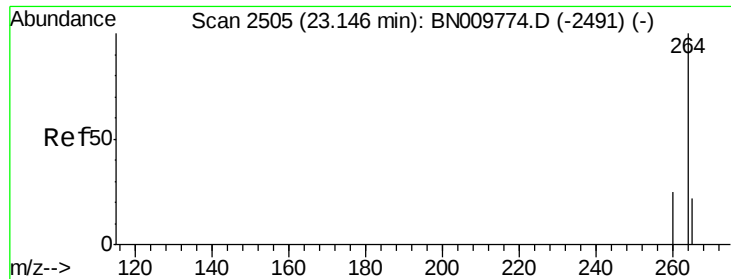


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.10 min Scan# 2493
 Delta R.T. -0.04 min
 Lab File: BN010186.D
 Acq: 11 Mar 2020 11:08

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.1	31.7
265	76.8	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:08:42 PM

