

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010202.D
 Acq On : 11 Mar 2020 21:10
 Operator : CG/JU
 Sample : L1842-28DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306DL

Manual Integrations
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Quant Time: Mar 12 07:58:28 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	7.41	152	609	0.40	ng	0.05
7) Naphthalene-d8	10.23	136	2792m	0.40	ng	0.11
13) Acenaphthene-d10	14.03	164	1406	0.40	ng	0.03
19) Phenanthrene-d10	16.83	188	3163	0.40	ng	0.05
27) Chrysene-d12	21.02	240	3701	0.40	ng	0.02
34) Perylene-d12	23.11	264	3533	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	9	0.01	ng	0.06
5) Phenol-d6	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	8.91	82	111m	0.05	ng	0.35
11) 2-Methylnaphthalene-d10	11.88	152	213m	0.04	ng	0.15
14) 2,4,6-Tribromophenol	15.63	330	19	0.04	ng	0.09
15) 2-Fluorobiphenyl	12.73	172	362m	0.07	ng	0.10
25) Fluoranthene-d10	18.87	212	803	0.07	ng	0.05
29) Terphenyl-d14	19.46	244	662	0.07	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	1458m	2.338	ng	Qvalue

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

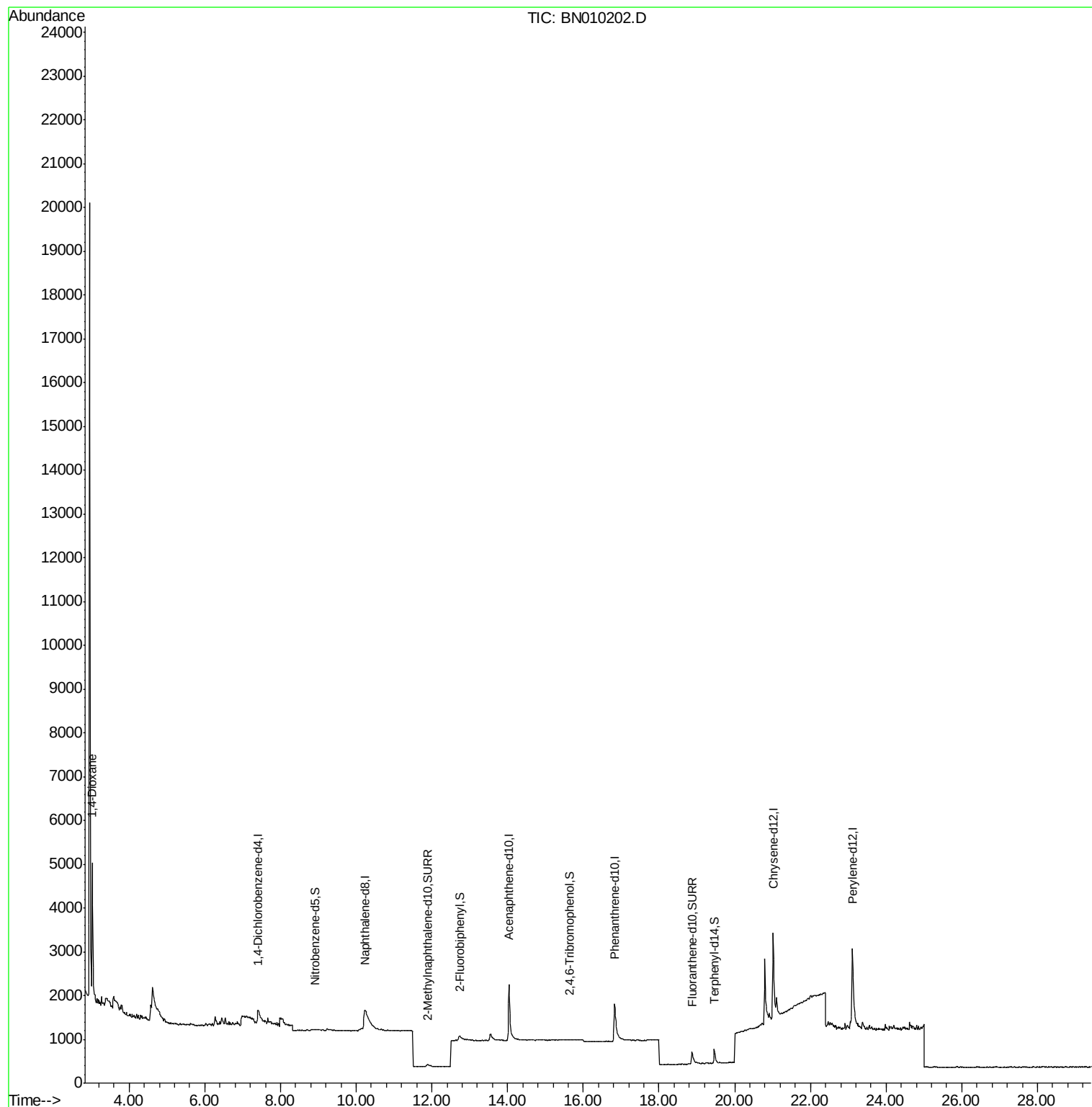
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
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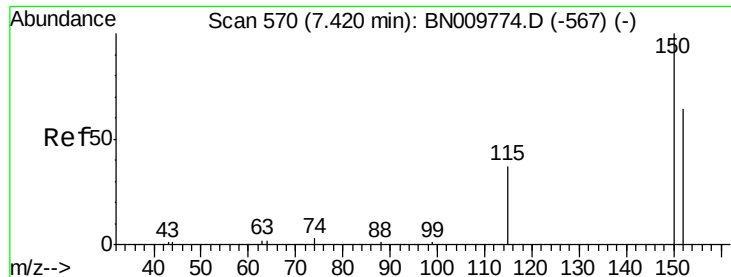
Instrument :
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#1

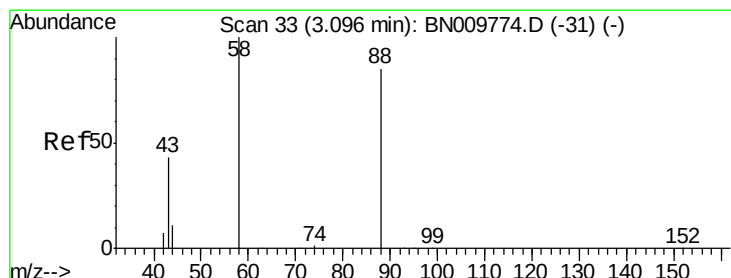
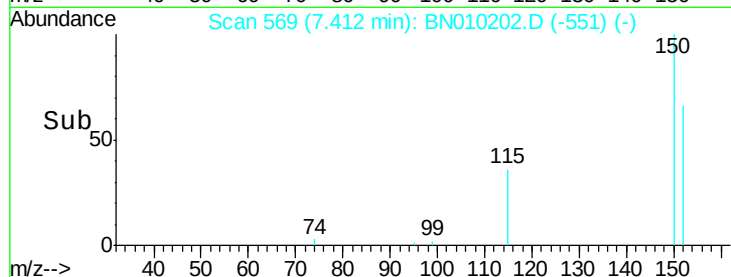
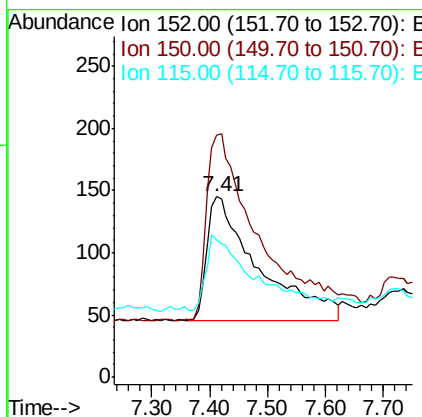
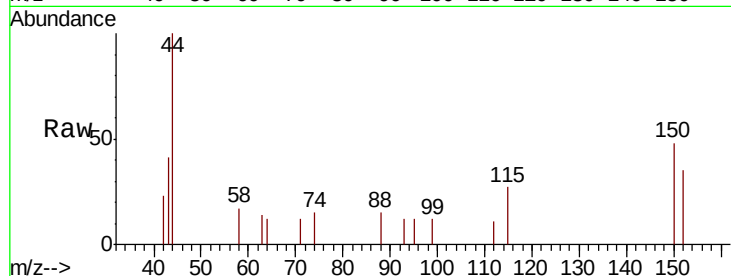
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.05 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.5	120.6	181.0
115	75.9	51.2	76.8

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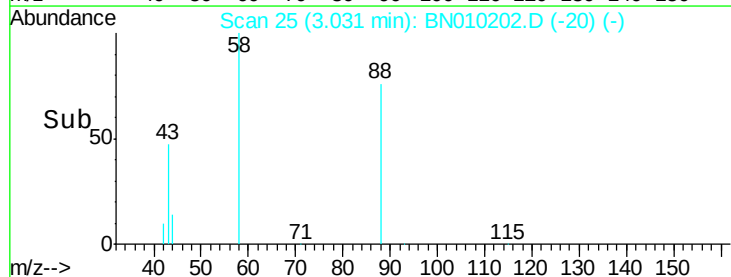
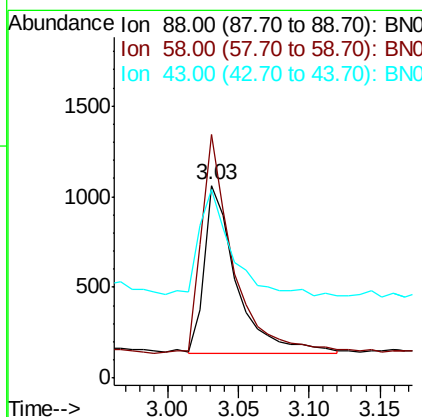
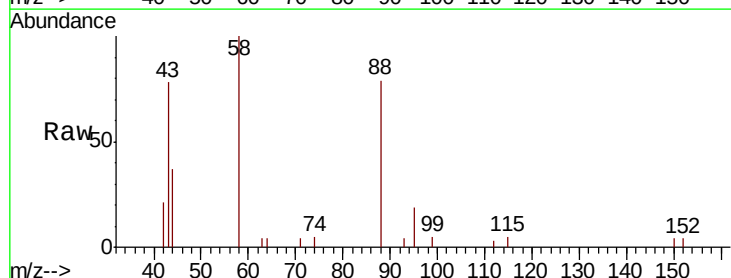
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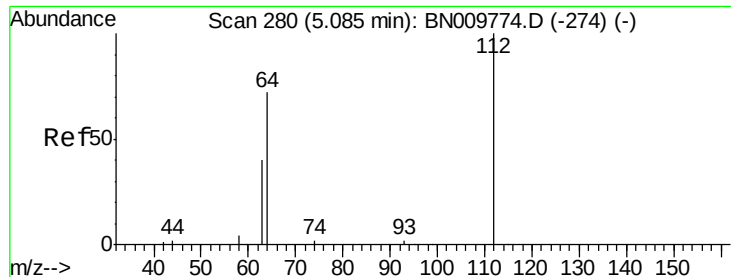


#2

1,4-Dioxane
Concen: 2.338 ng m
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	97.8	146.8#
43	40.0	45.1	67.7#





#4

2-Fluorophenol

Concen: 0.007 ng

RT: 5.10 min Scan# 282

Delta R.T. 0.06 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

Instrument :

BNA_N

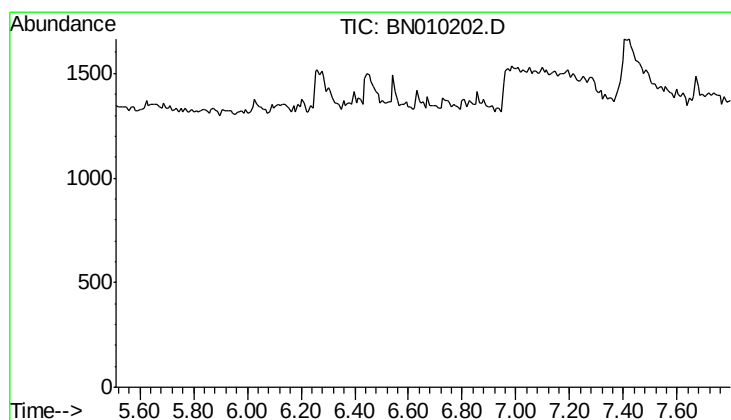
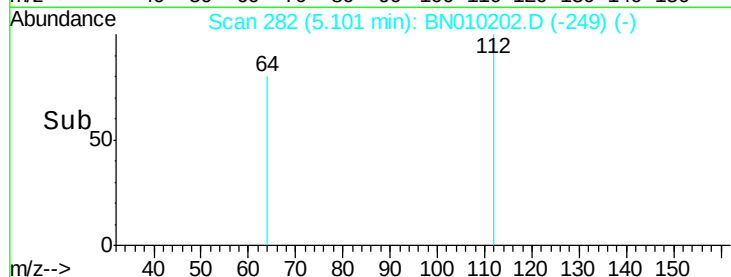
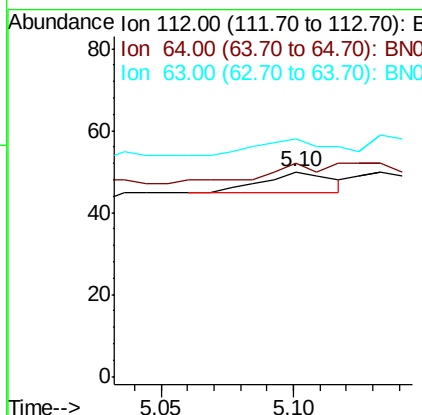
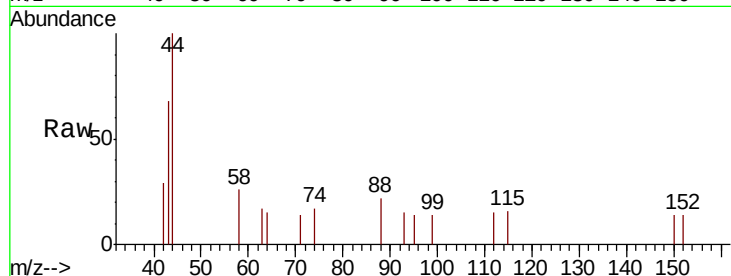
ClientSampleId :

RE125D2-20200306DL

Tot Ion	Ratio	Lower	Upper
112	100		
64	188.9	65.8	98.6#
63	77.8	38.7	58.1#

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#5

Phenol-d6

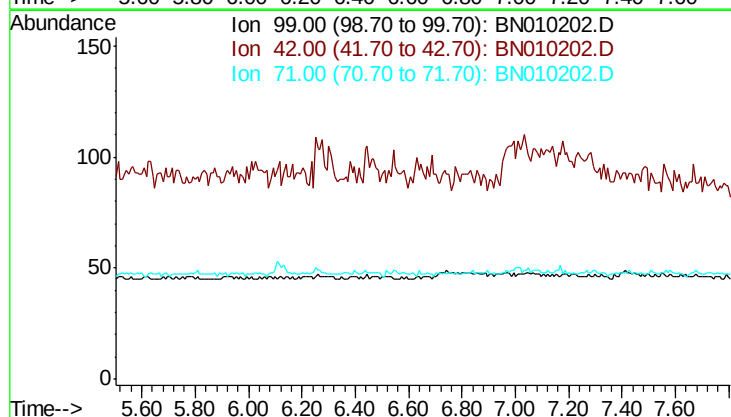
Concen: 0.000 ng

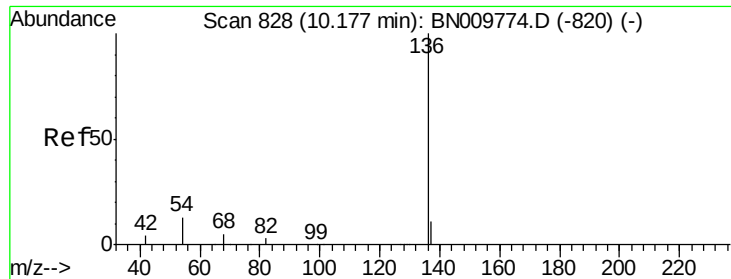
Expected RT: 6.61 min

Lab File: BN010202.D

Acq: 11 Mar 2020 21:10

Tgt Ion	Exp Ratio
99	100
42	38.5
71	43.6





#7

Naphthalene-d8

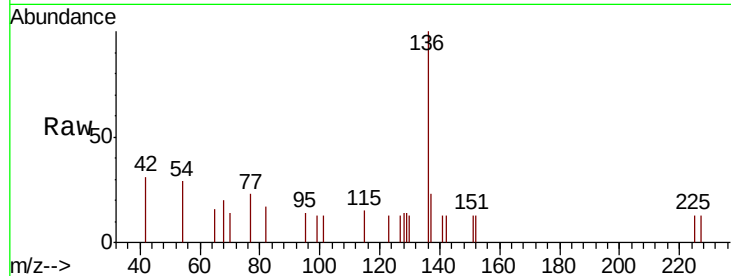
Concen: 0.400 ng m
RT: 10.23 min Scan# 832
Delta R.T. 0.11 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306DL

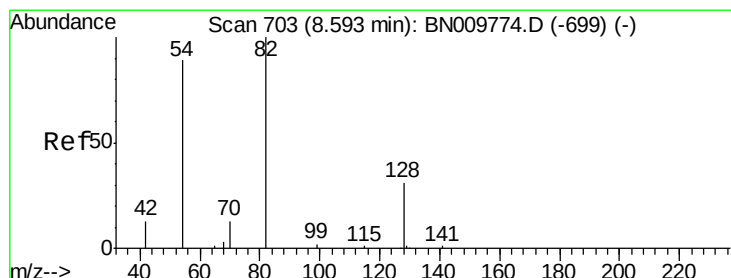
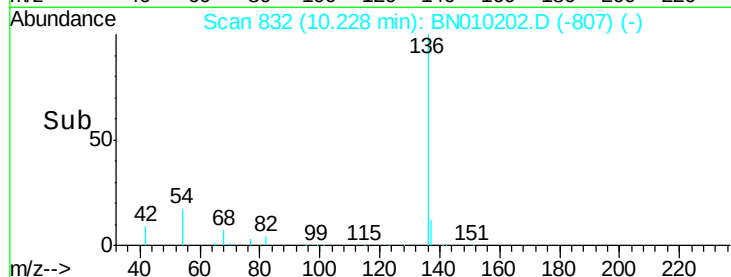
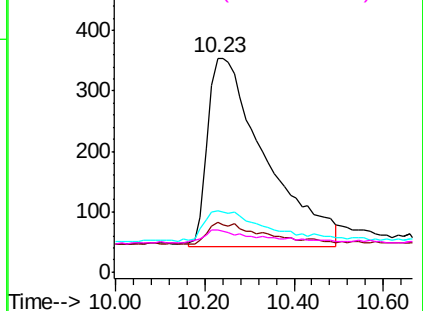
Tot Ion	136	Resp	2792
Ion Ratio	Lower	Upper	
136	100		
137	23.2	11.3	16.9#
54	28.8	13.4	20.2#
68	19.8	7.0	10.4#

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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



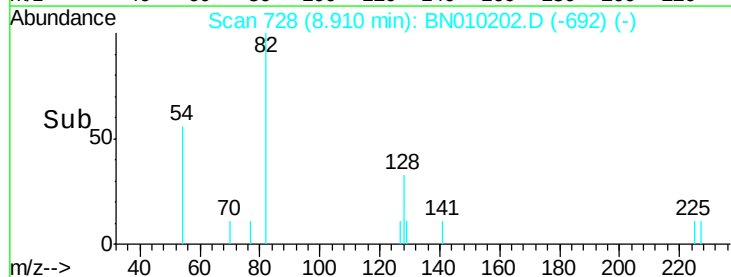
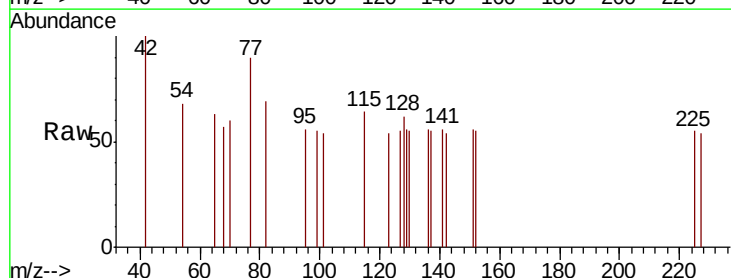
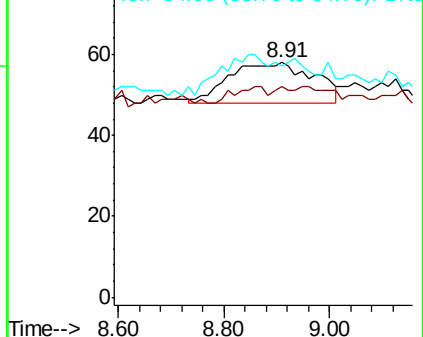
#8

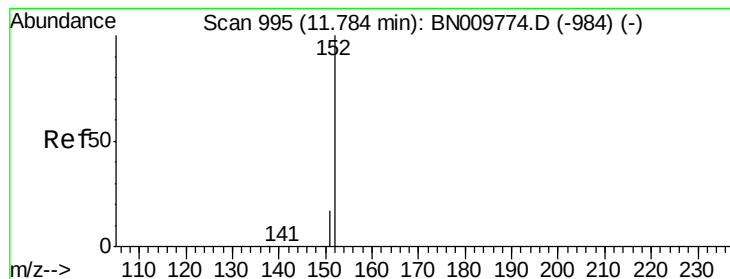
Nitrobenzene-d5

Concen: 0.048 ng m
RT: 8.91 min Scan# 728
Delta R.T. 0.35 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tgt Ion	82	Resp	111
Ion Ratio	Lower	Upper	
82	100		
128	89.7	32.5	48.7#
54	98.3	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





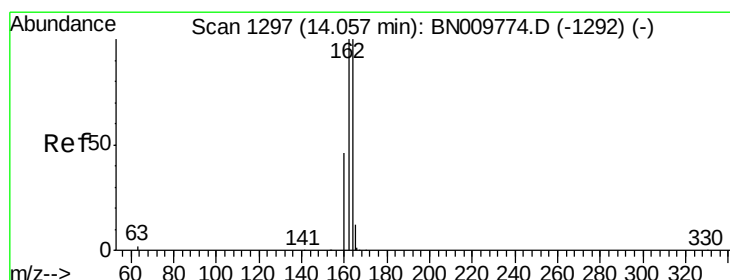
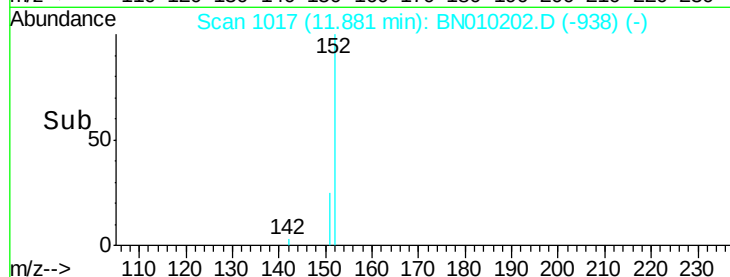
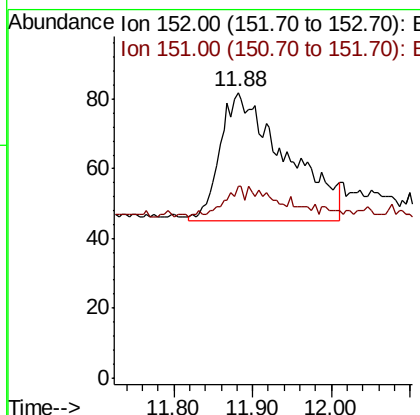
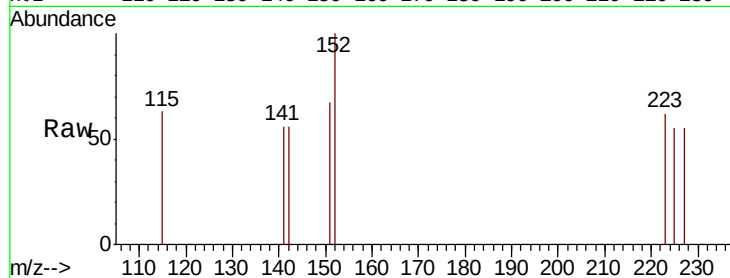
#11
2-Methylnaphthalene-d10
Concen: 0.039 ng m
RT: 11.88 min Scan# 1017
Delta R.T. 0.15 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306DL

Tot Ion:152 Resp: 213
Ion Ratio Lower Upper
152 100
151 5.6 15.1 22.7#

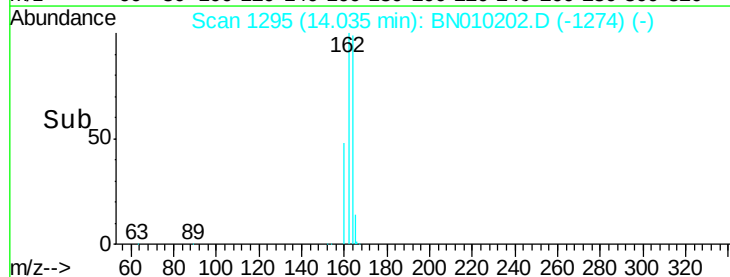
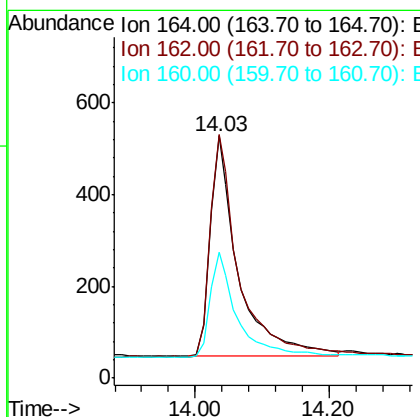
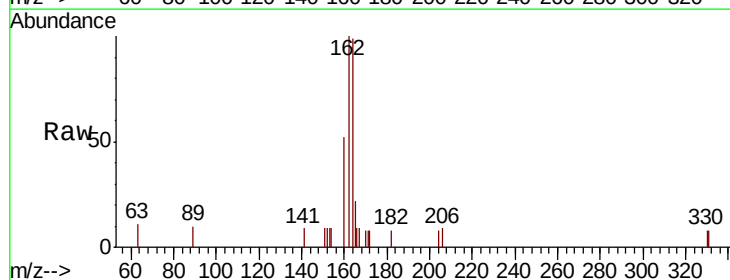
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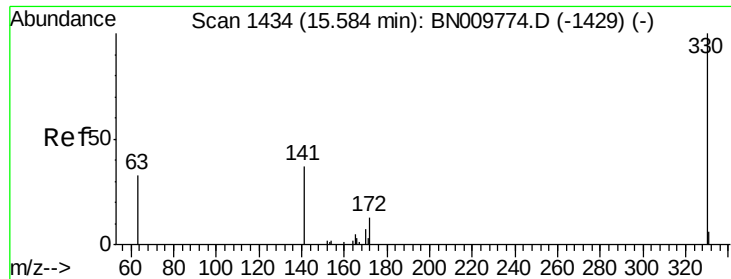
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. 0.03 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tgt Ion:164 Resp: 1406
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 52.1 38.2 57.2





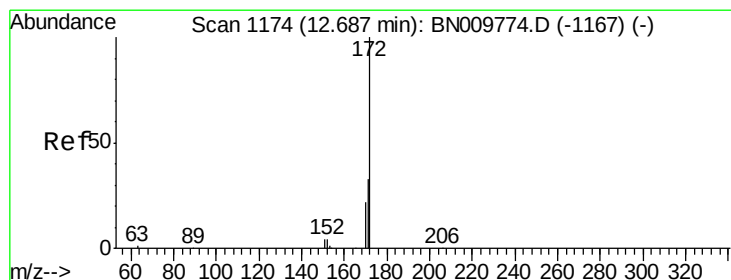
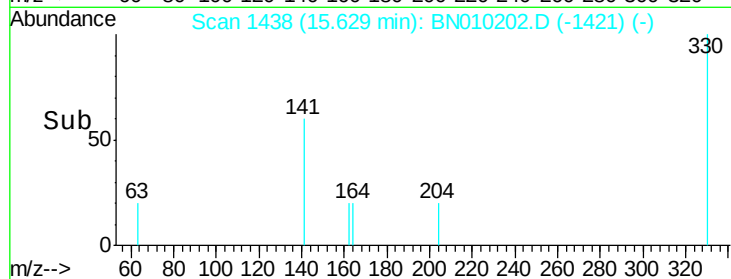
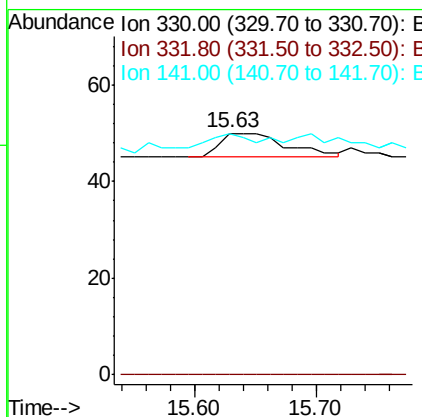
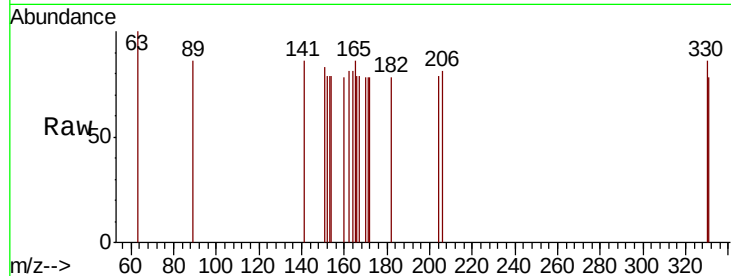
#14
 2,4,6-Tribromophenol
 Concen: 0.035 ng
 RT: 15.63 min Scan# 1438
 Delta R.T. 0.09 min
 Lab File: BN010202.D
 Acq: 11 Mar 2020 21:10

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.6	36.8	55.2#

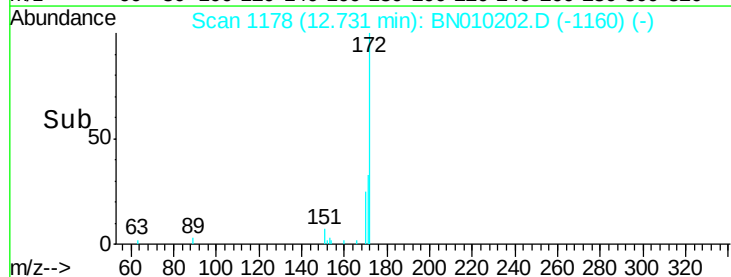
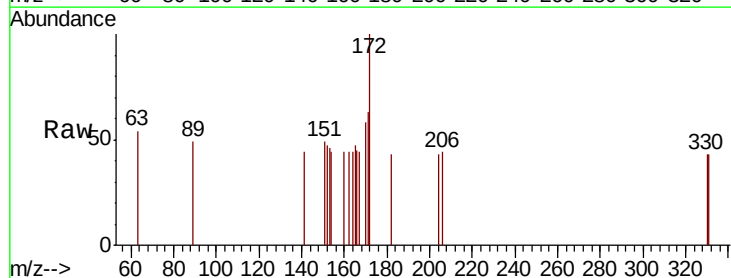
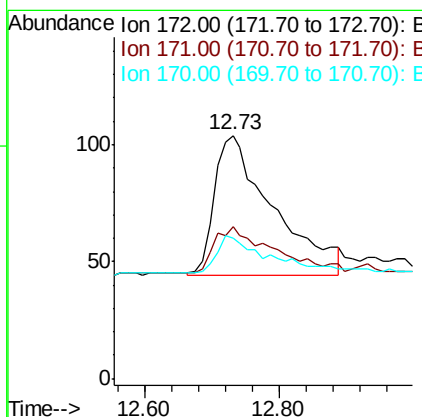
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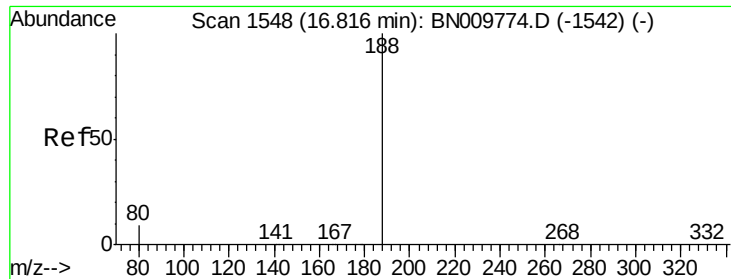
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#15
 2-Fluorobiphenyl
 Concen: 0.068 ng m
 RT: 12.73 min Scan# 1178
 Delta R.T. 0.10 min
 Lab File: BN010202.D
 Acq: 11 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	62.5	28.7	43.1#
170	57.7	20.1	30.1#





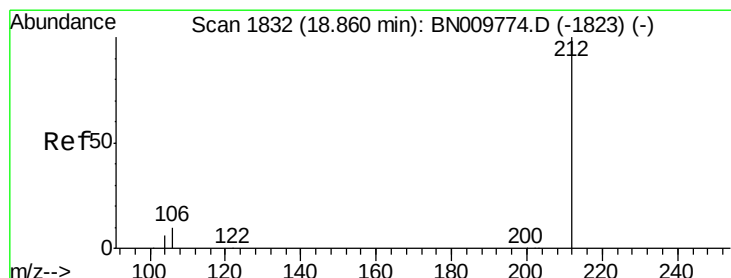
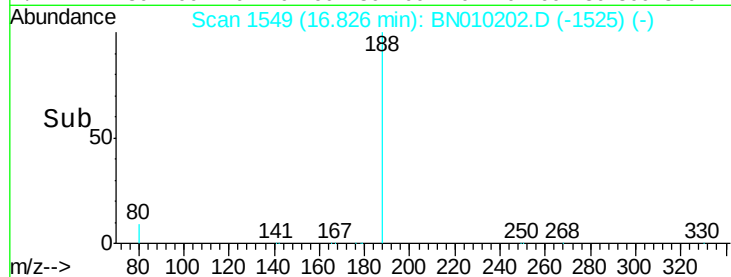
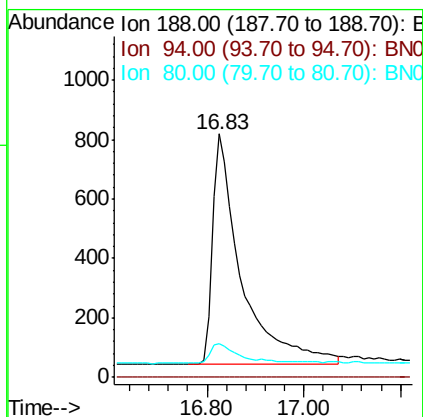
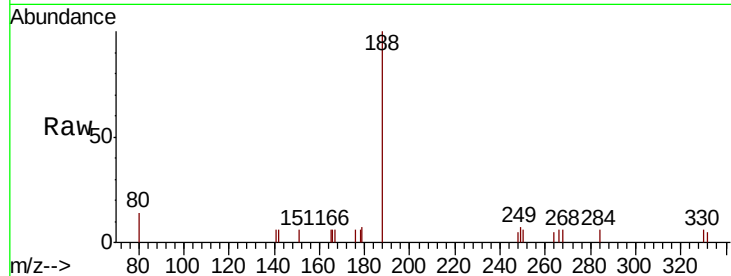
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.05 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306DL

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	8.3	12.5#

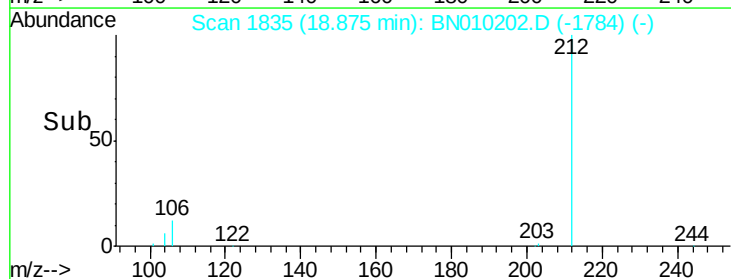
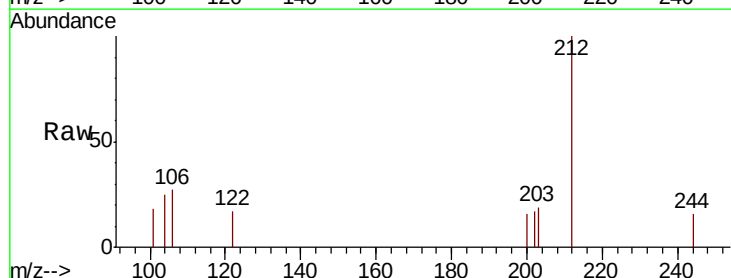
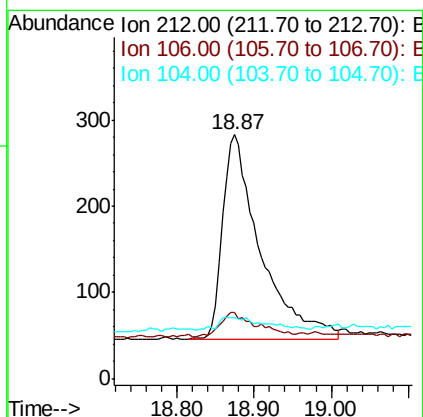
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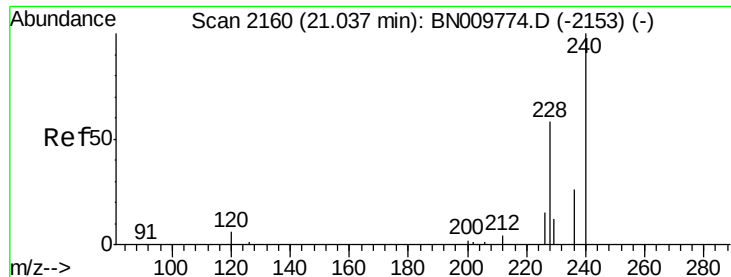
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#25
Fluoranthene-d10
Concen: 0.073 ng
RT: 18.87 min Scan# 1835
Delta R.T. 0.05 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
212	100		
106	8.3	8.4	12.6#
104	9.0	4.8	7.2#





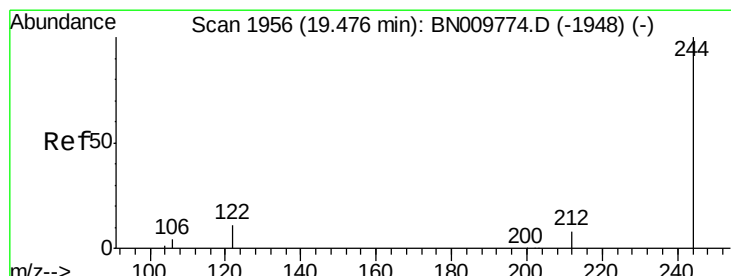
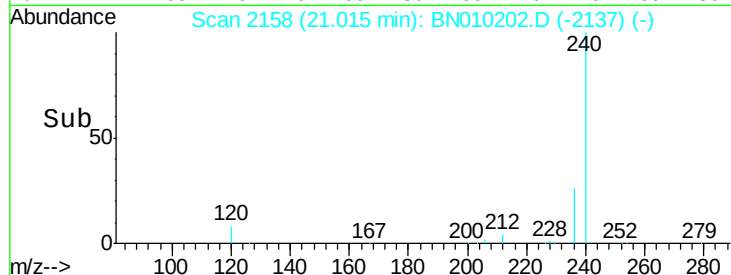
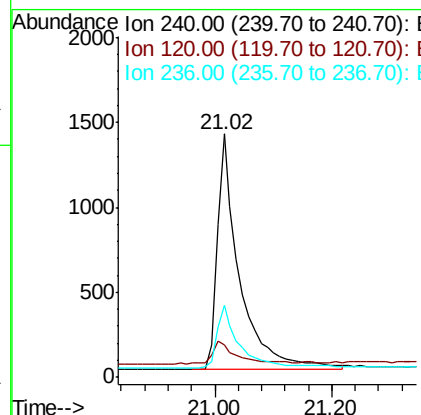
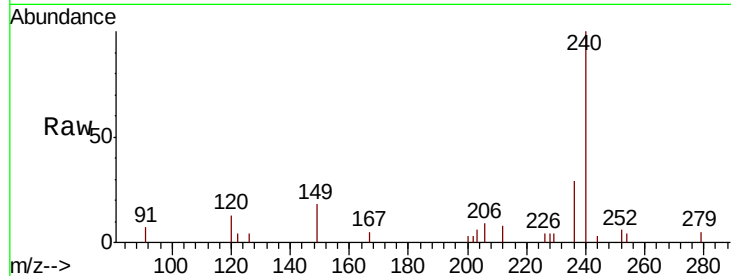
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.02 min Scan# 2158
 Delta R.T. 0.02 min
 Lab File: BN010202.D
 Acq: 11 Mar 2020 21:10

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20200306DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.9	11.9#
236	29.4	22.0	33.0

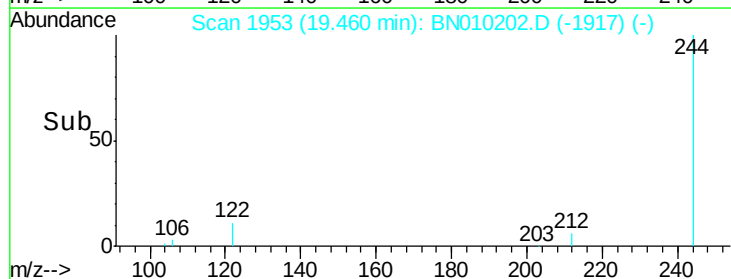
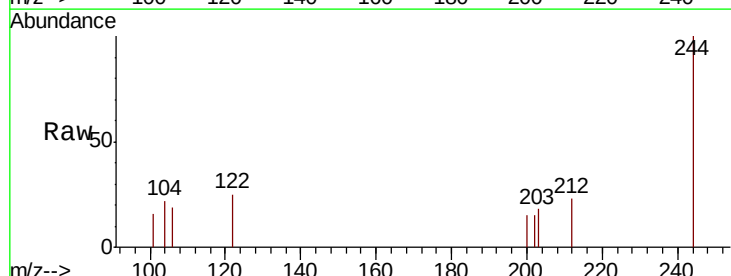
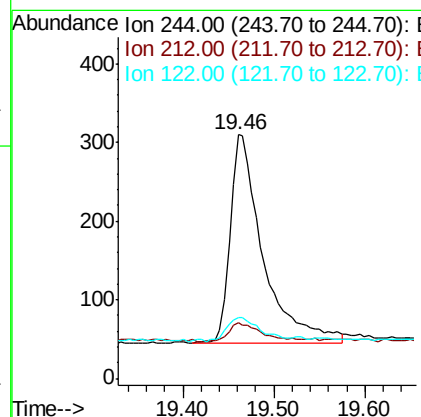
Manual Integrations
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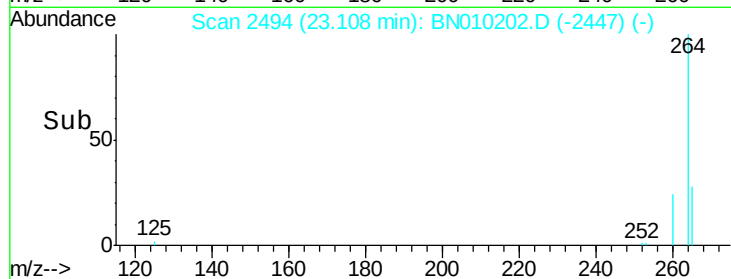
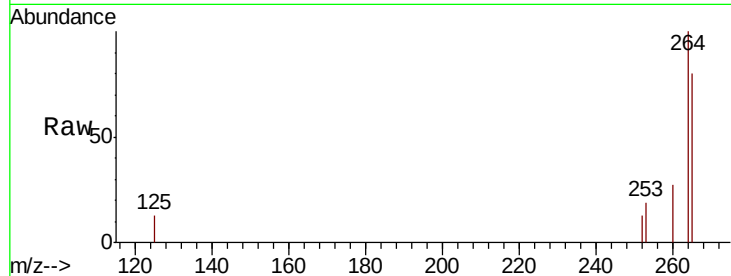
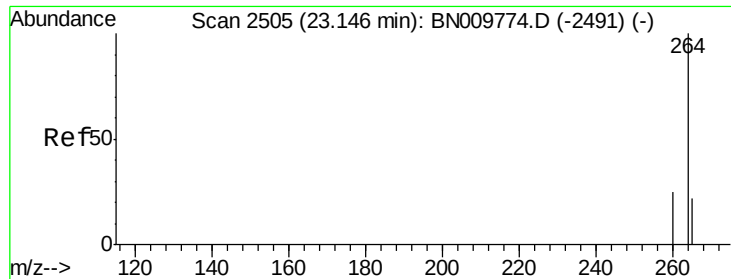
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#29
 Terphenyl-d14
 Concen: 0.075 ng
 RT: 19.46 min Scan# 1953
 Delta R.T. 0.03 min
 Lab File: BN010202.D
 Acq: 11 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	22.9	8.0	12.0#
122	25.2	10.0	15.0#





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BN010202.D
Acq: 11 Mar 2020 21:10

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.1	31.7
265	80.4	57.5	86.3

Instrument :
BNA_N
ClientSampleId :
RE125D2-20200306DL

Manual Integrations
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