

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010269.D
 Acq On : 18 Mar 2020 18:32
 Operator : CG/JU
 Sample : L1903-17DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310DL

Manual Integrations
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Quant Time: Mar 19 01:24:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3868	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13441	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8152	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19764	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	20204	0.40	ng	-0.01
34) Perylene-d12	23.36	264	21031	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	444	0.05	ng	0.00
5) Phenol-d6	6.81	99	354	0.03	ng	0.00
8) Nitrobenzene-d5	8.76	82	2049	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	2773	0.12	ng	-0.02
14) 2,4,6-Tribromophenol	15.74	330	401	0.14	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	8269	0.28	ng	-0.01
25) Fluoranthene-d10	19.02	212	8014	0.13	ng	-0.01
29) Terphenyl-d14	19.63	244	10992	0.24	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.26	88	9183	2.433	ng	Qvalue # 53
6) bis(2-Chloroethyl)ether	7.07	93	292	0.031	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	2603m	0.089	ng	

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

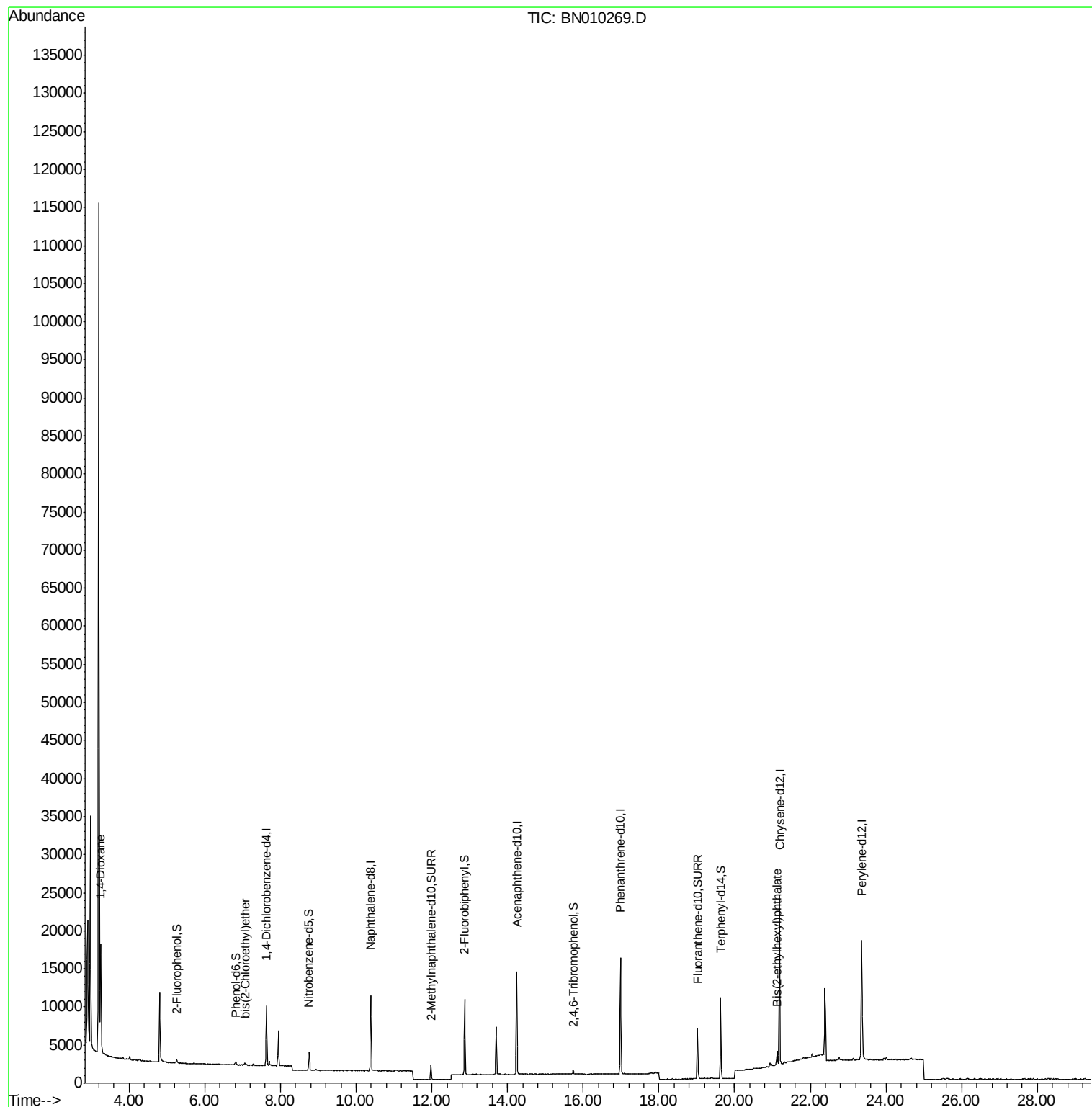
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010269.D
Acq On : 18 Mar 2020 18:32
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
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#1

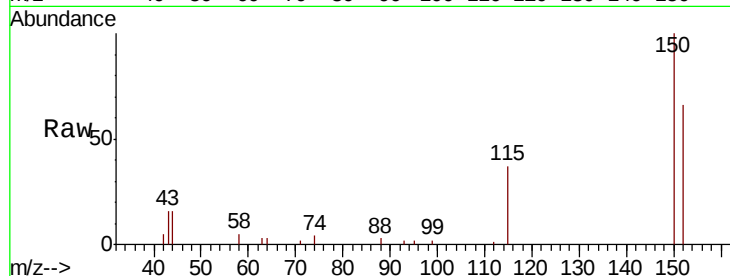
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010269.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_N
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Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	55.8	50.9	76.3

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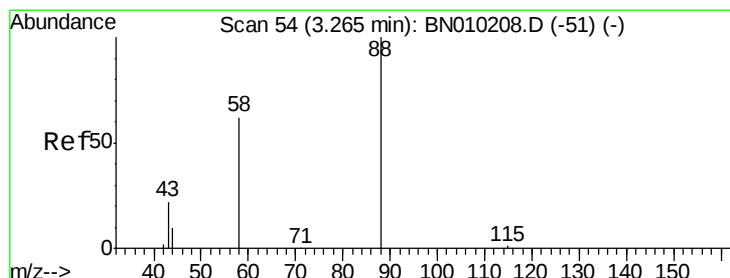
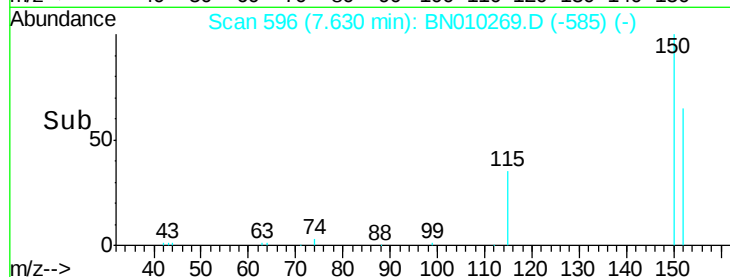
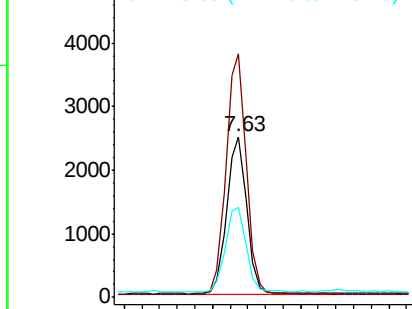


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

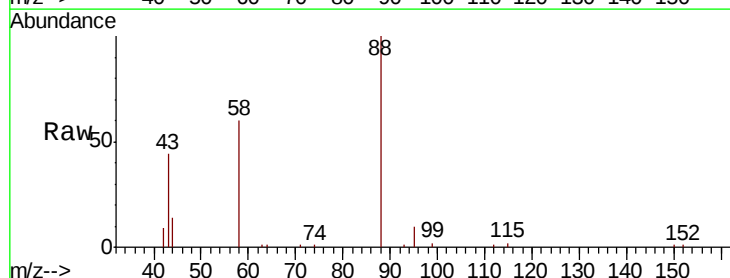
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.433 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010269.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	97.8	146.8#
43	28.4	45.1	67.7#

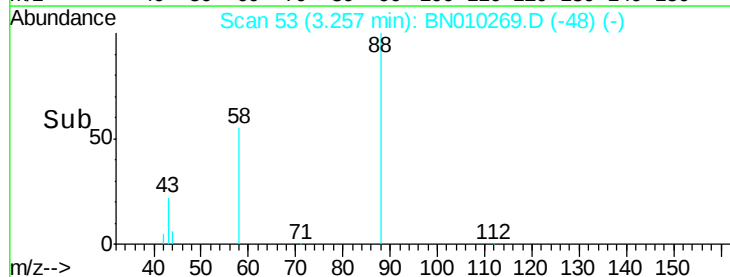
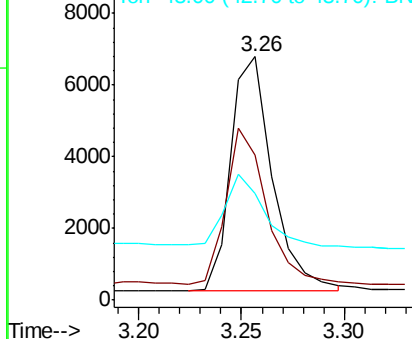


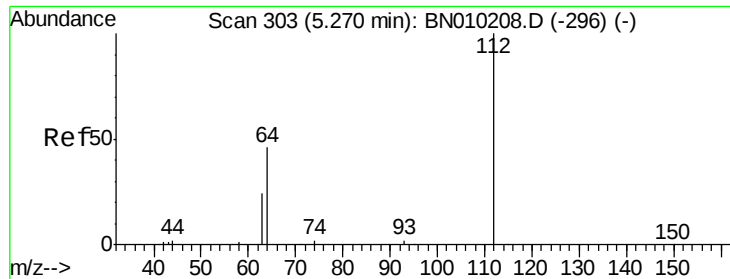
Abundance

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: 0.049 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

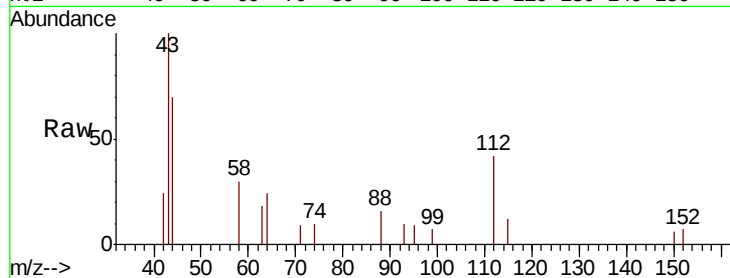
ClientSampleId :

TT101D1-20200310DL

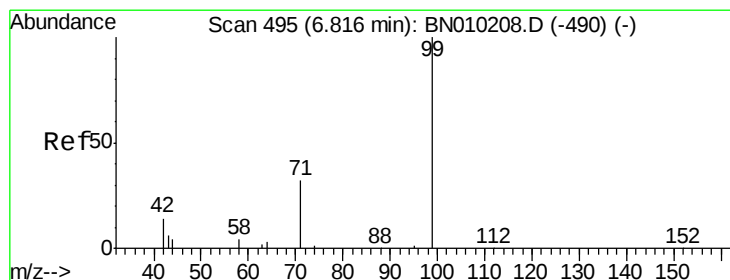
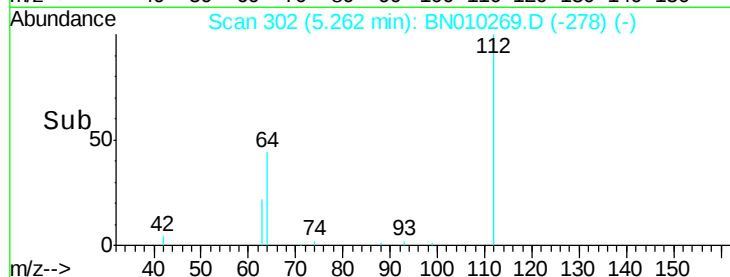
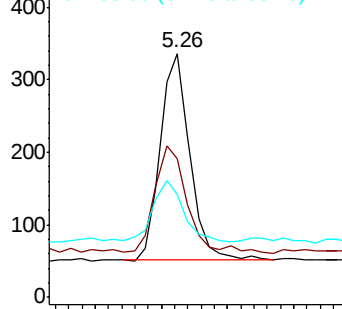
Tot Ion:	112	Resp:	444
Ion Ratio	Lower	Upper	
112	100		
64	58.3	42.6	63.8
63	31.3	23.6	35.4

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Abundance Ion 112.00 (111.70 to 112.70): B



#5

Phenol-d6

Concen: 0.031 ng

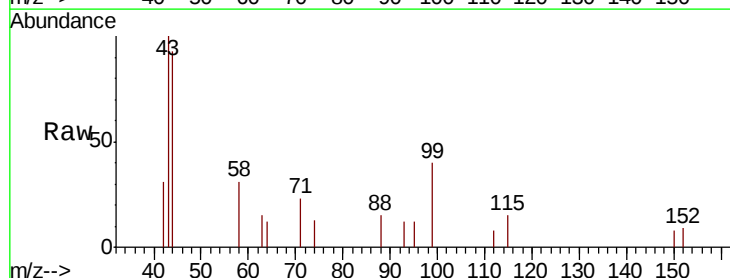
RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

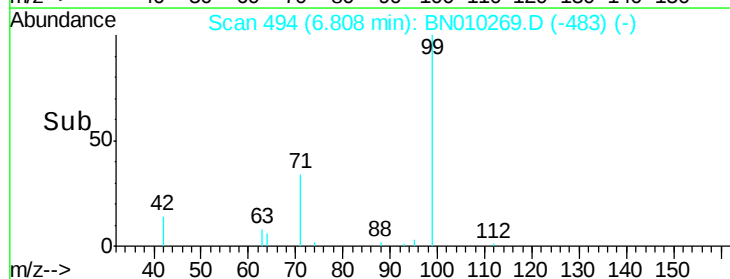
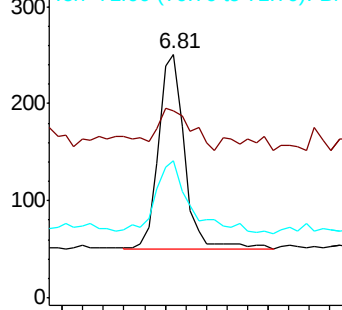
Lab File: BN010269.D

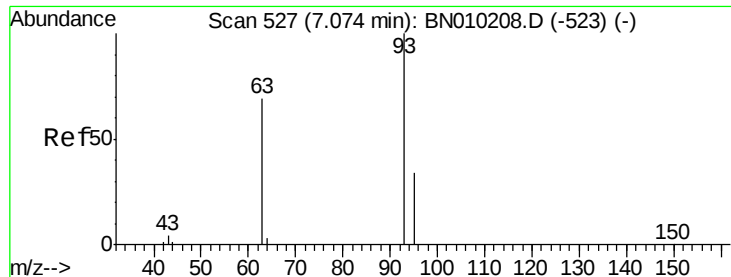
Acq: 18 Mar 2020 18:32

Tgt Ion:	99	Resp:	354
Ion Ratio	Lower	Upper	
99	100		
42	26.0	12.0	18.0#
71	50.6	22.6	33.8#



Abundance Ion 99.00 (98.70 to 99.70): B





#6

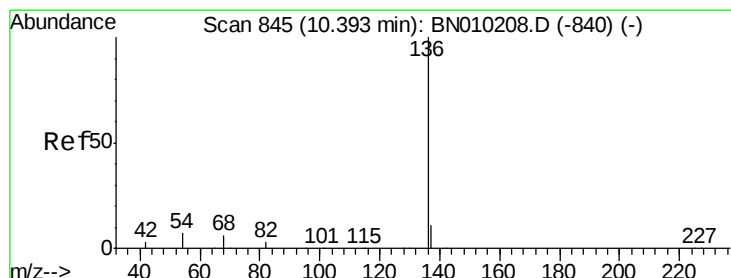
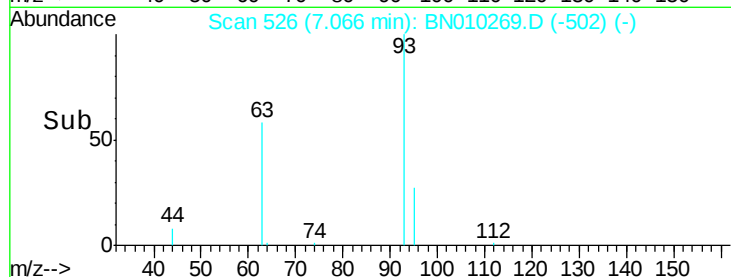
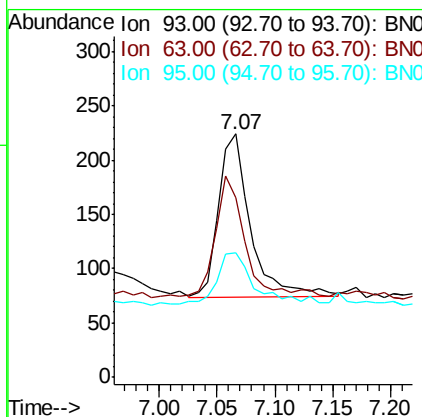
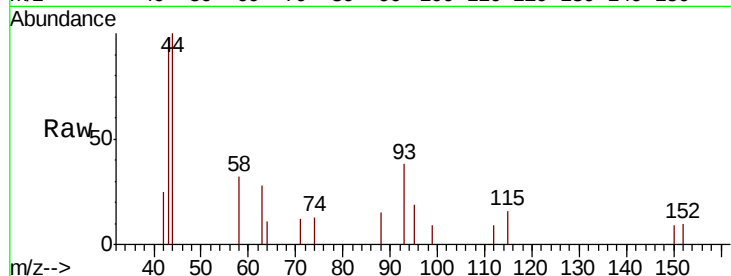
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010269.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_N
ClientSampleId :
TT101D1-20200310DL

Tot Ion	93	Resp:	292
Ion	Ratio	Lower	Upper
93	100		
63	66.4	53.4	80.0
95	39.7	28.6	42.8

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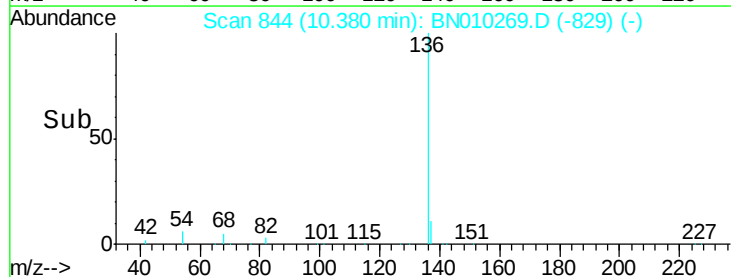
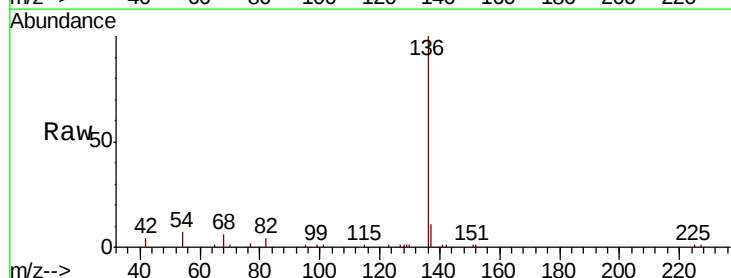
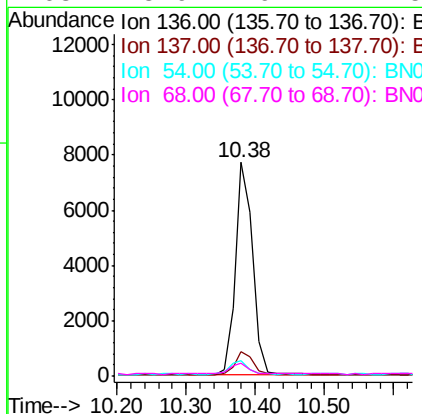
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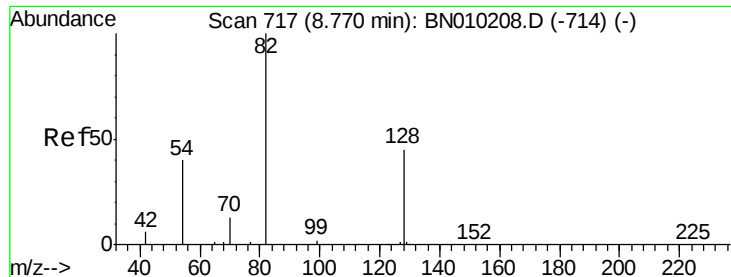


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010269.D
Acq: 18 Mar 2020 18:32

Tgt Ion	136	Resp:	13441
Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	7.3	9.5	14.3#
68	5.9	9.7	14.5#





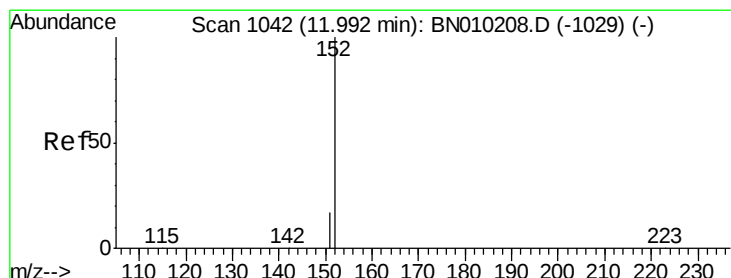
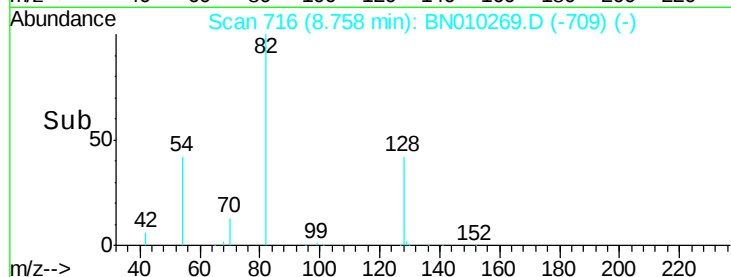
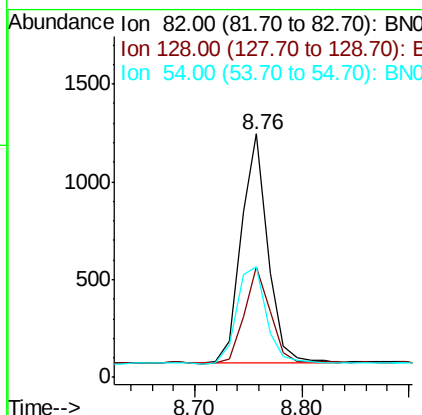
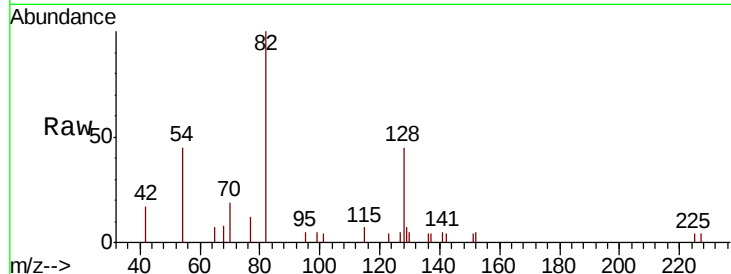
#8
 Nitrobenzene-d5
 Concen: 0.254 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010269.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20200310DL

Tot Ion	82.00	Resp	2049
Ion Ratio	100	Lower	Upper
82	100		
128	45.5	35.0	52.6
54	45.5	37.0	55.4

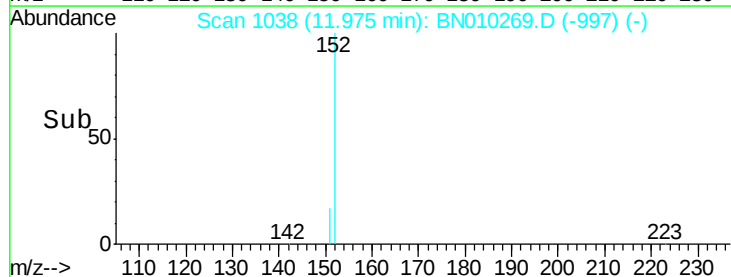
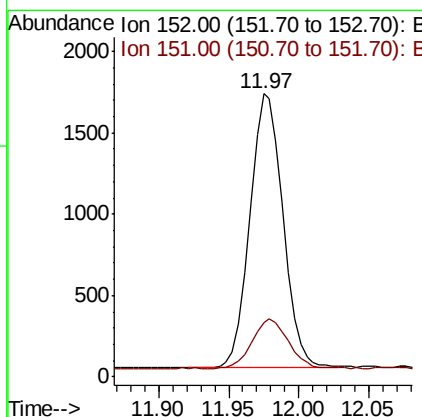
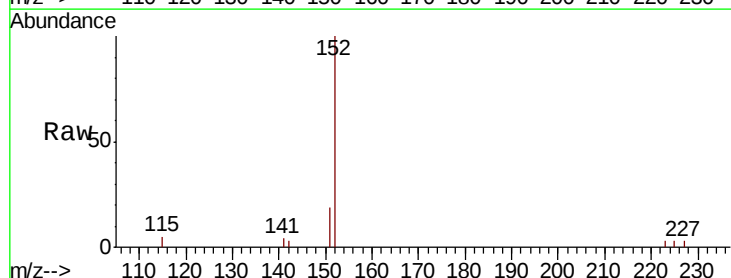
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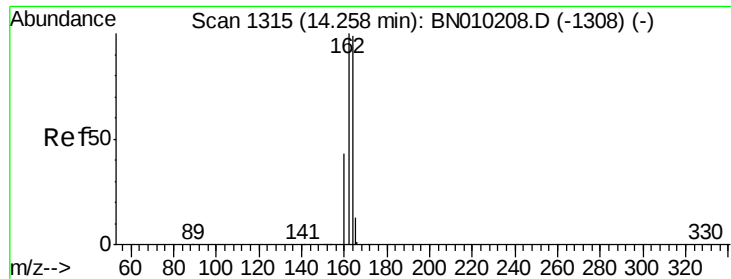
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#11
 2-Methylnaphthalene-d10
 Concen: 0.125 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010269.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	152.00	Resp	2773
Ion Ratio	100	Lower	Upper
152	100		
151	19.6	15.0	22.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

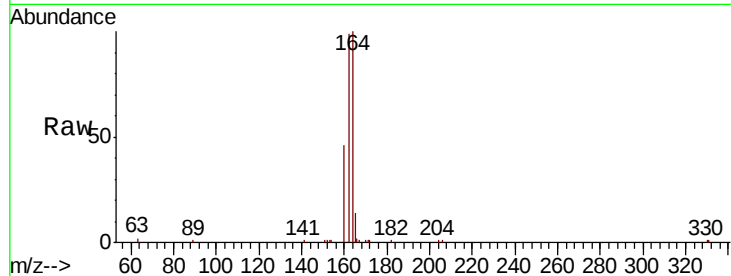
ClientSampleId :

TT101D1-20200310DL

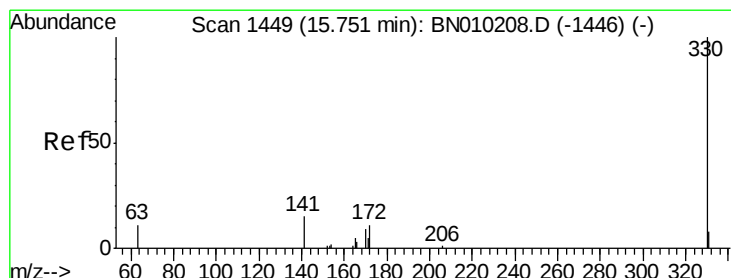
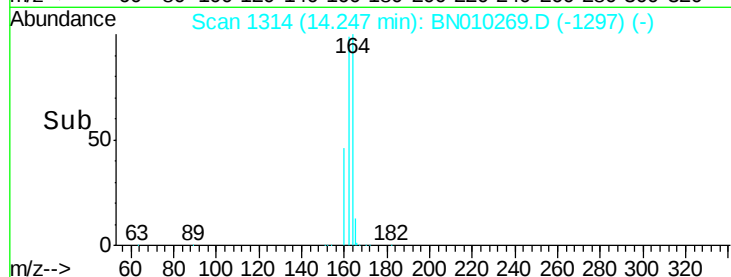
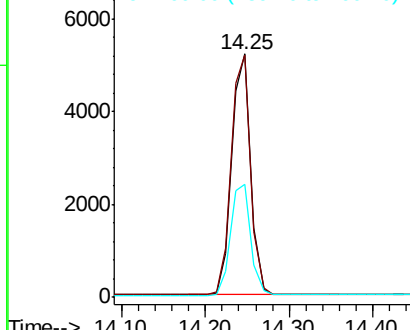
Tot Ion:	164	Resp:	8152
Ion Ratio	Lower	Upper	
164	100		
162	99.3	81.0	121.4
160	46.3	35.6	53.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.137 ng

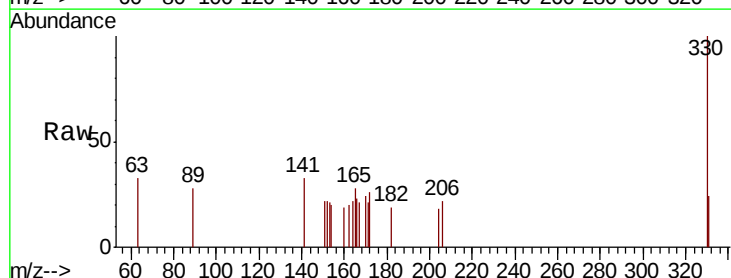
RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

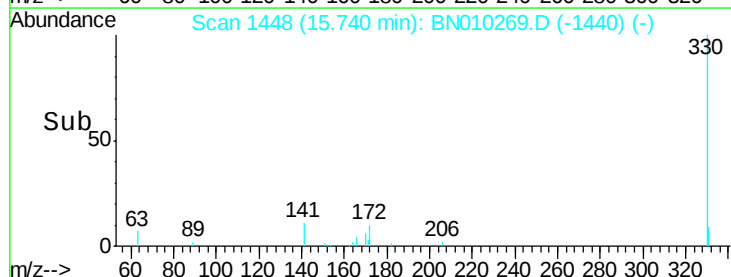
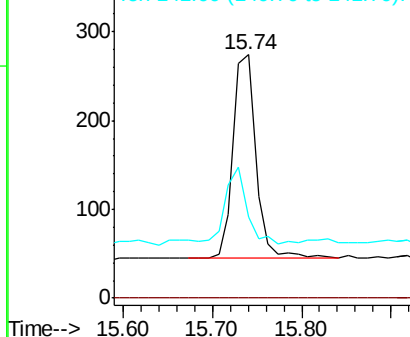
Lab File: BN010269.D

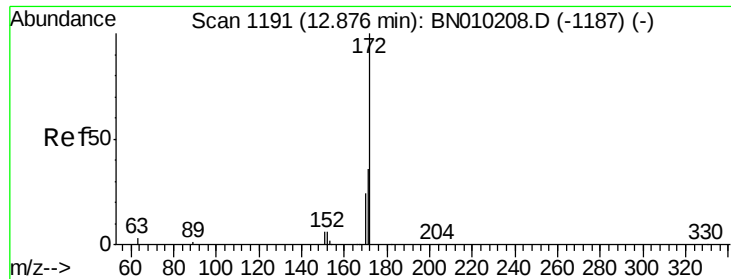
Acq: 18 Mar 2020 18:32

Tgt Ion:	330	Resp:	401
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	33.4	25.1	37.7



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





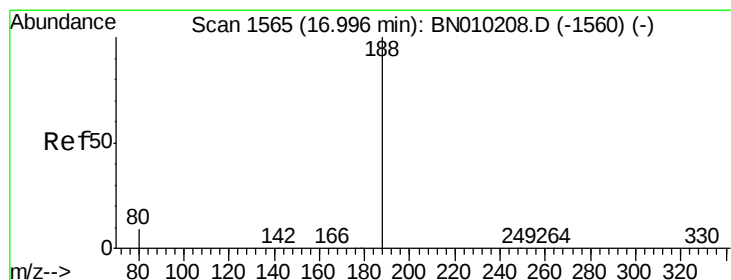
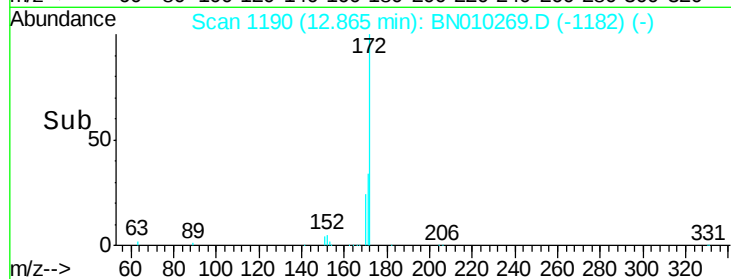
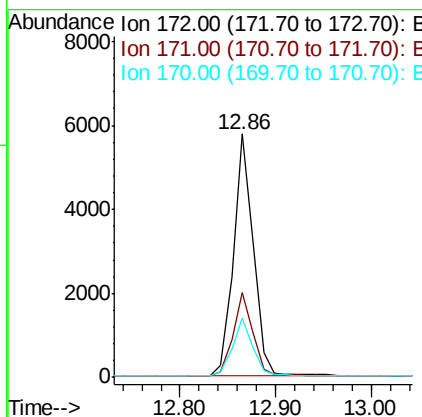
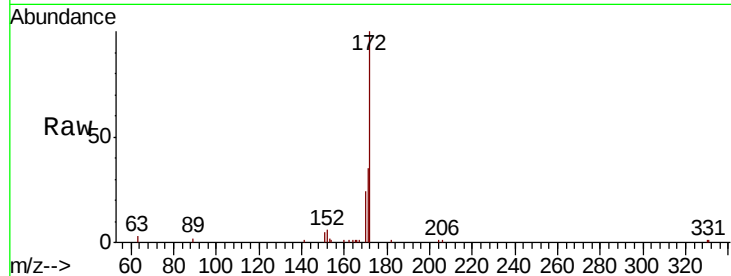
#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010269.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_N
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TT101D1-20200310DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.2
170	24.2	20.2	30.4

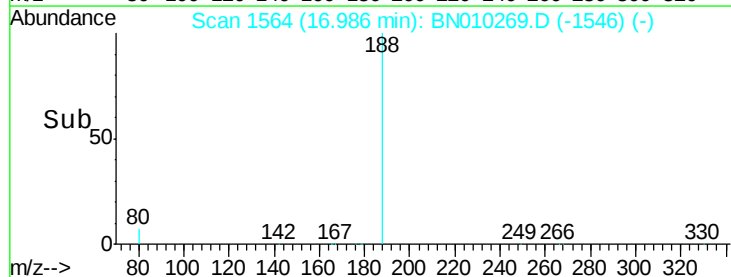
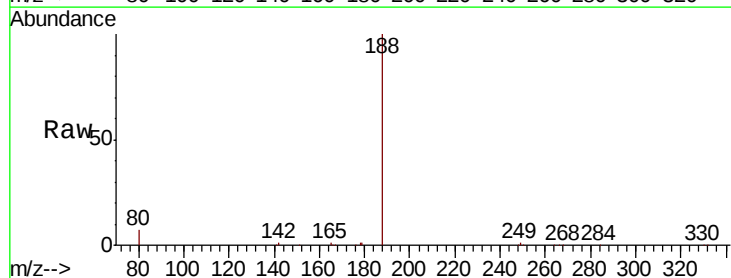
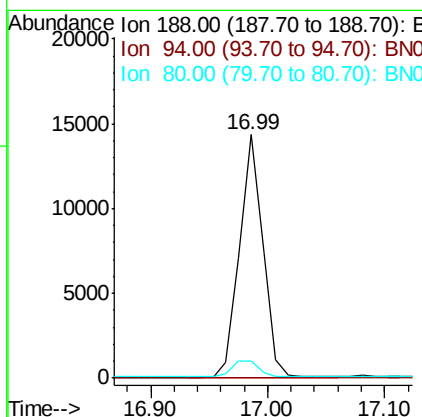
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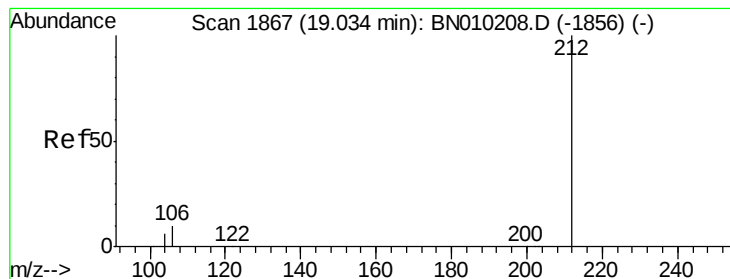
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010269.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	8.6	12.8#





#25

Fluoranthene-d10

Concen: 0.131 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

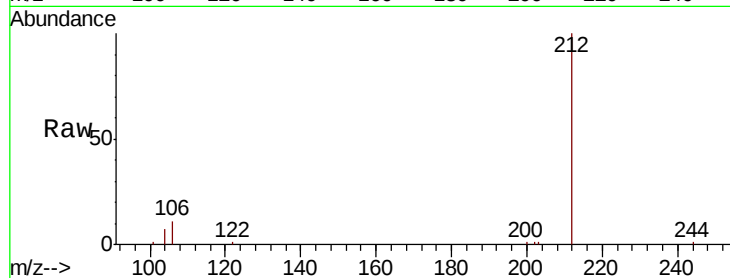
ClientSampleId :

TT101D1-20200310DL

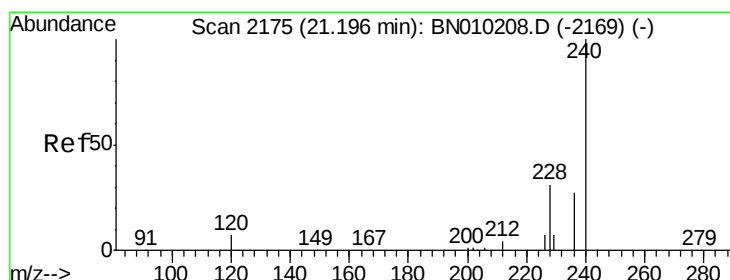
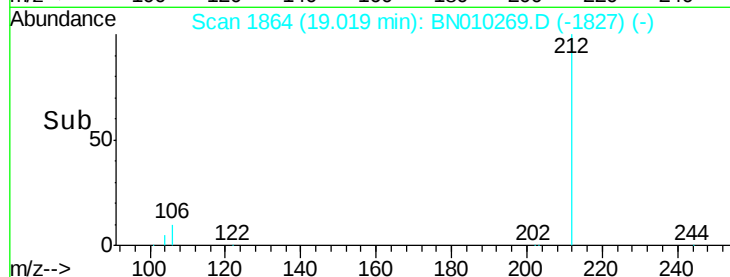
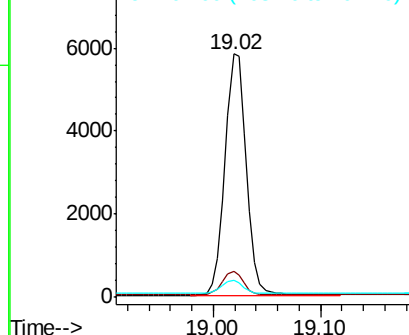
Tot Ion:	212	Resp:	8014
Ion Ratio	Lower	Upper	
212	100		
106	9.5	8.1	12.1
104	5.5	4.7	7.1

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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: 21.19 min Scan# 2174

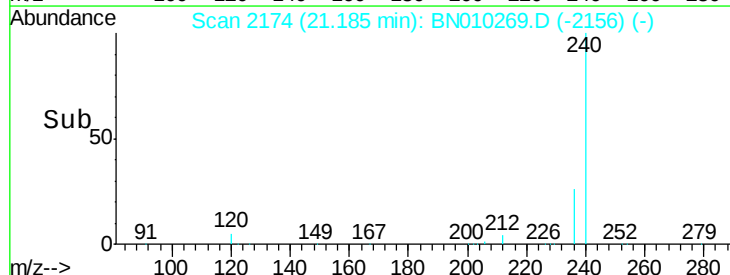
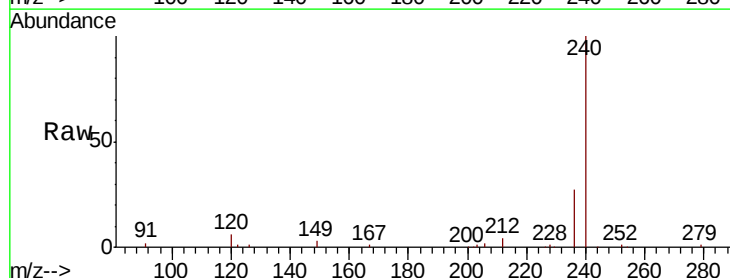
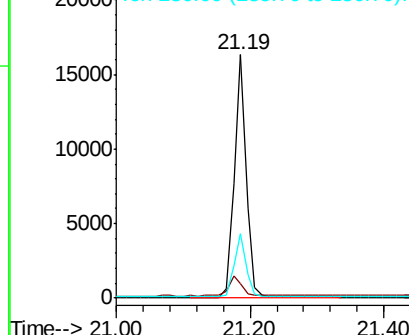
Delta R.T. -0.01 min

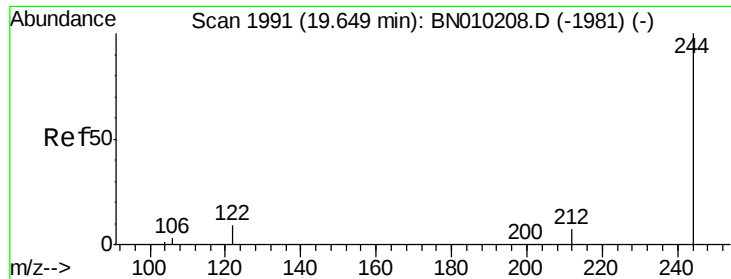
Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	240	Resp:	20204
Ion Ratio	Lower	Upper	
240	100		
120	6.2	7.7	11.5#
236	26.6	21.8	32.6

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: 0.239 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_N

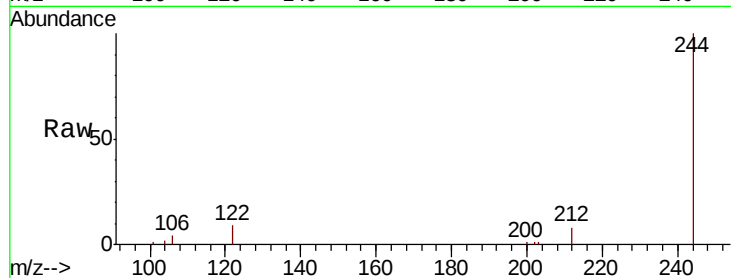
ClientSampleId :

TT101D1-20200310DL

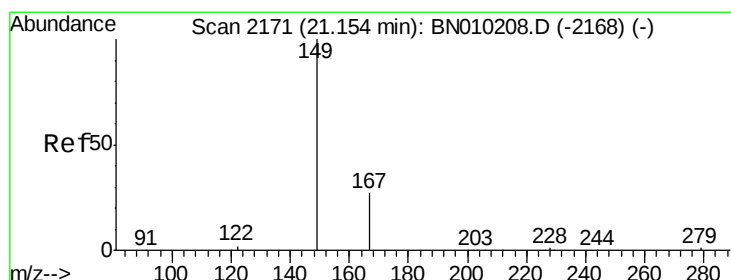
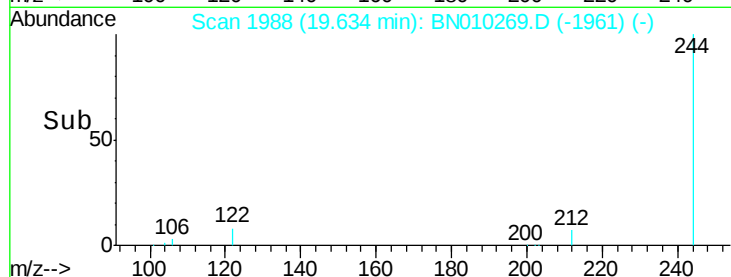
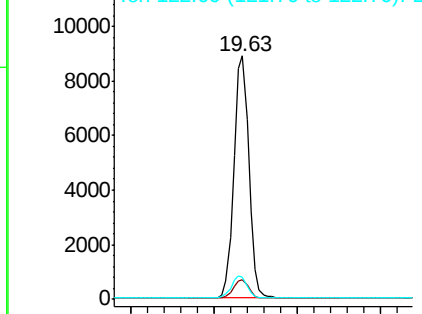
Tot Ion:	244	Resp:	10992
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.4	9.6
122	8.9	8.1	12.1

Manual Integrations
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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng m

RT: 21.13 min Scan# 2169

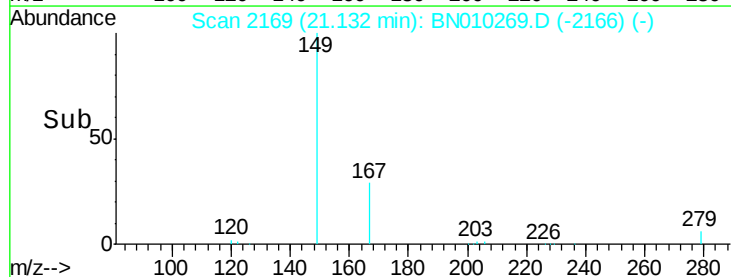
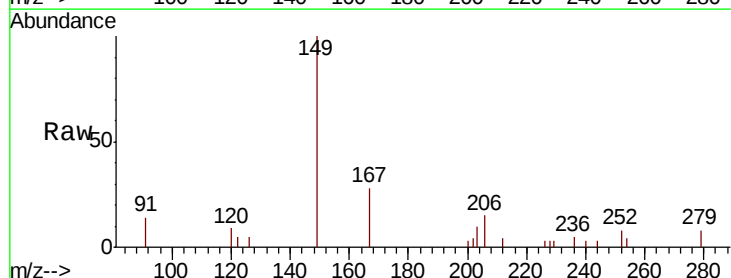
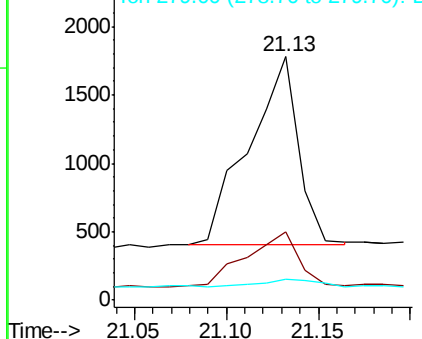
Delta R.T. -0.02 min

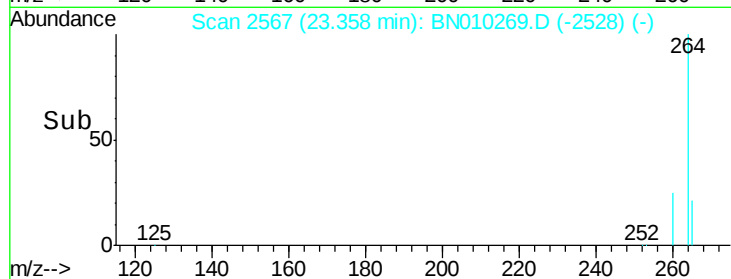
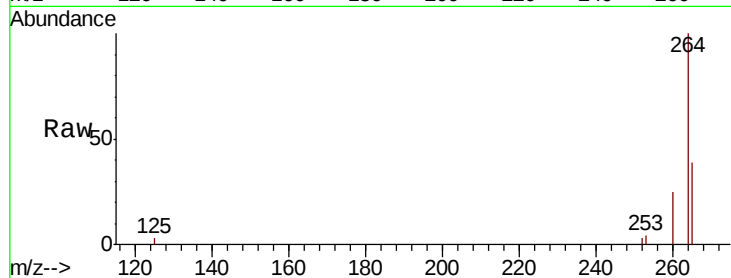
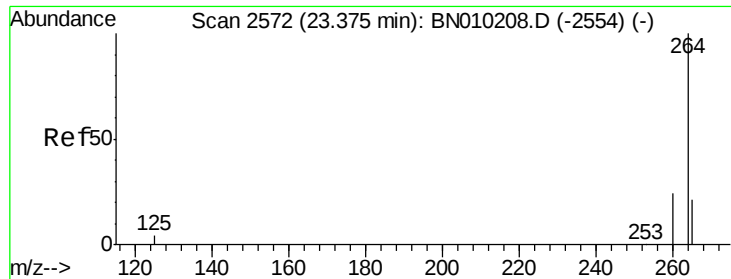
Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Tgt Ion:	149	Resp:	2603
Ion Ratio	Lower	Upper	
149	100		
167	20.2	21.0	31.4#
279	3.5	3.1	4.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010269.D

Acq: 18 Mar 2020 18:32

Tot Ion:	264	Resp:	21031
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.7	29.5
265	38.6	25.8	38.6

Instrument :

BNA_N

ClientSampleId :

TT101D1-20200310DL

Manual Integrations
APPROVED

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3/19/2020 2:42:55 PM

