

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010250.D
 Acq On : 18 Mar 2020 05:12
 Operator : CG/JU
 Sample : L1903-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20200310

Manual Integrations
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Quant Time: Mar 18 05:52:11 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	3525	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	12482	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	7425	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	17881	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19463	0.40	ng	-0.01
34) Perylene-d12	23.36	264	21542	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1248	0.15	ng	0.00
5) Phenol-d6	6.81	99	968	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	4936	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6903	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	964	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	19963	0.76	ng	-0.01
25) Fluoranthene-d10	19.02	212	19284	0.35	ng	-0.01
29) Terphenyl-d14	19.63	244	26260	0.59	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.25	88	15909	4.626	ng	# 53
6) bis(2-Chloroethyl)ether	7.07	93	374	0.043	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.13	149	4224m	0.150	ng	

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

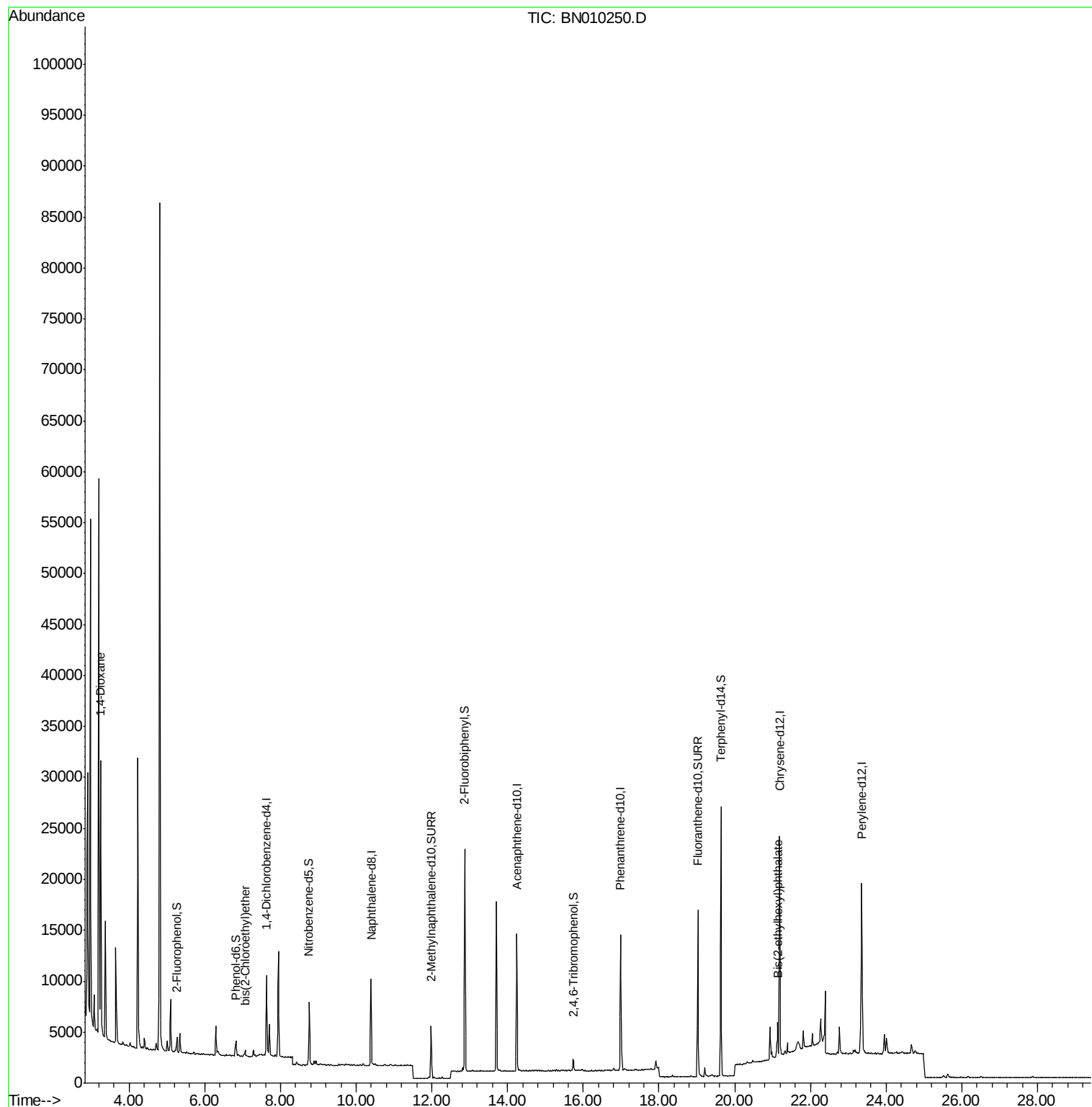
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
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#1

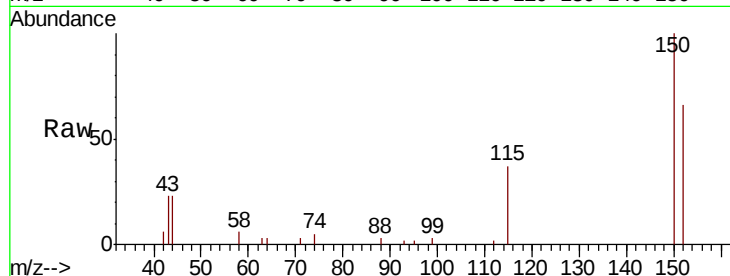
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

Instrument :
BNA_N
ClientSampleId :
TT101D-20200310

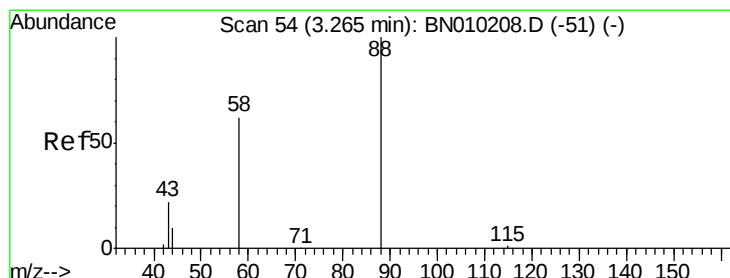
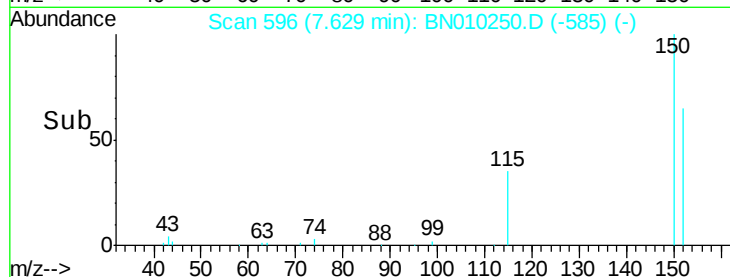
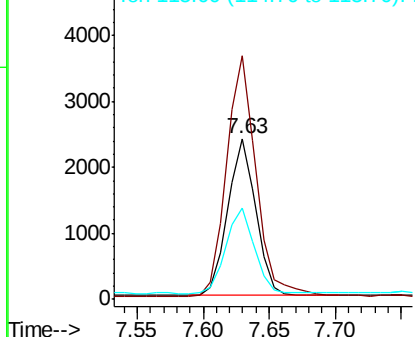
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	119.5	179.3
115	56.5	50.9	76.3

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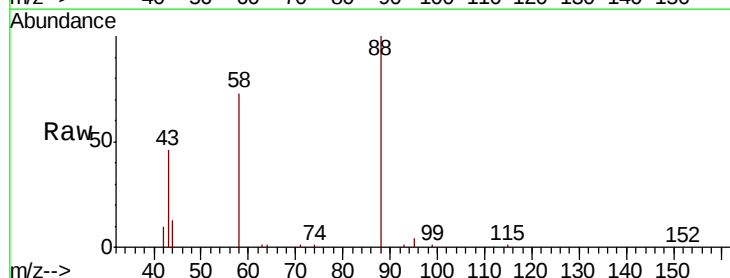
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



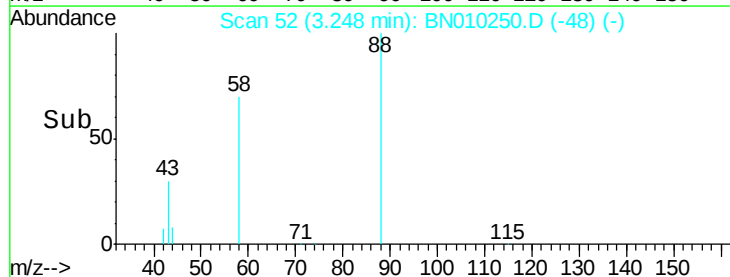
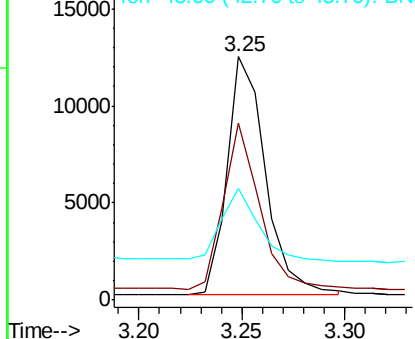
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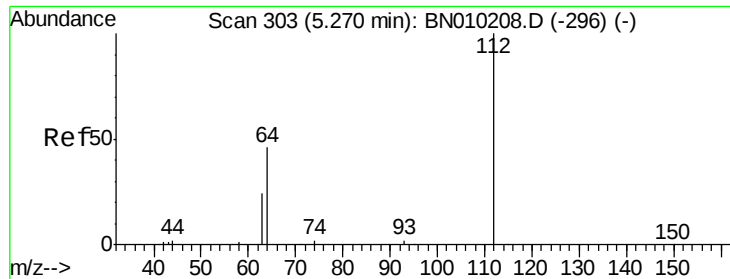
1,4-Dioxane
Concen: 4.626 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	97.8	146.8#
43	29.0	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: 0.151 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Instrument :

BNA_N

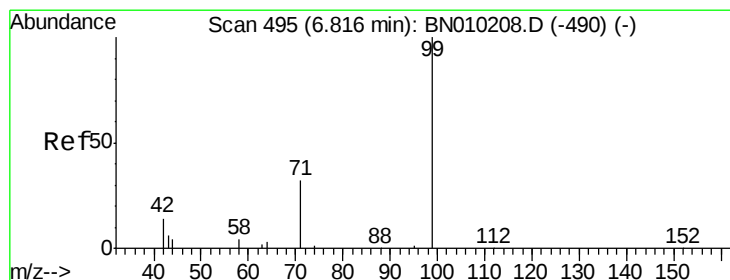
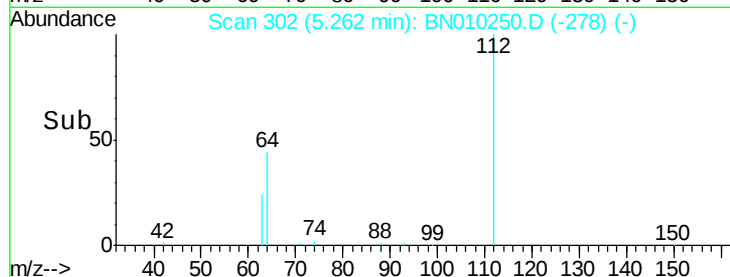
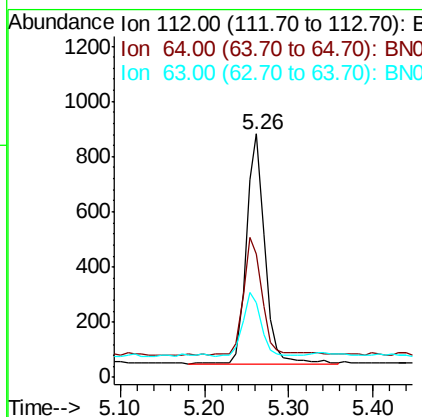
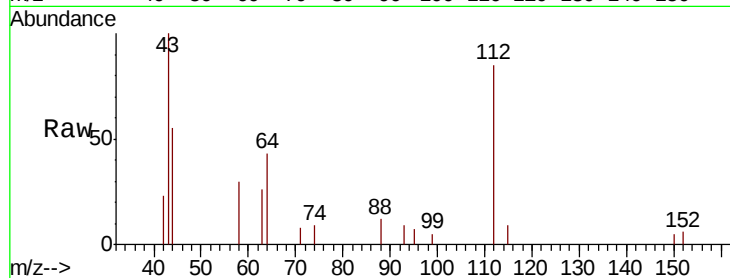
ClientSampleId :

TT101D-20200310

Tot Ion:	112	Resp:	1248
Ion Ratio	Lower	Upper	
112	100		
64	53.3	42.6	63.8
63	27.4	23.6	35.4

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#5

Phenol-d6

Concen: 0.094 ng

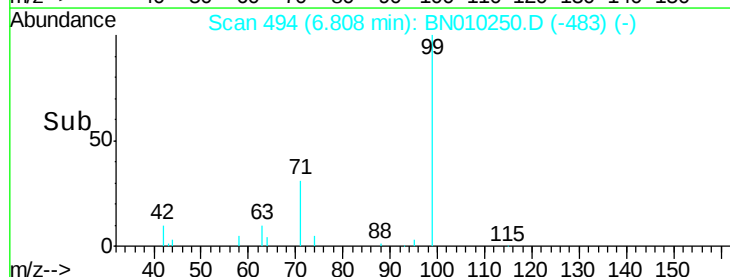
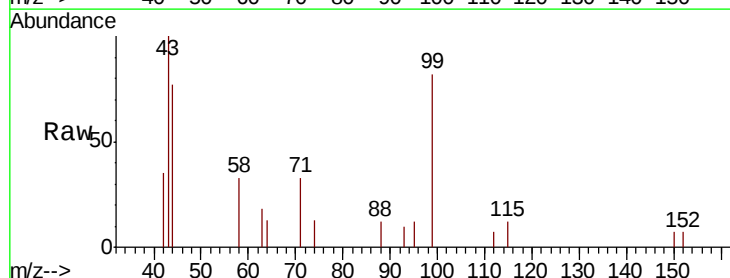
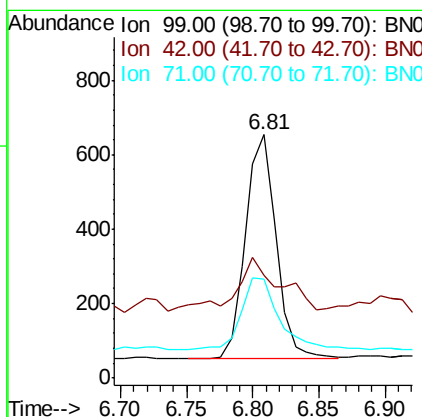
RT: 6.81 min Scan# 494

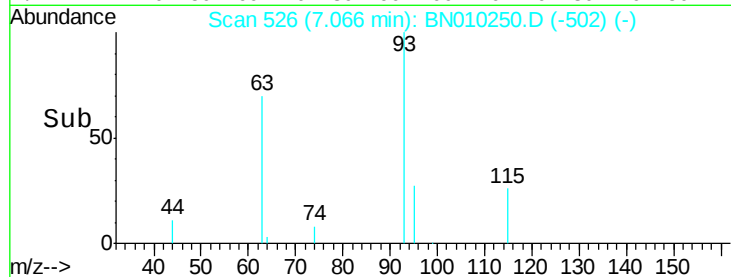
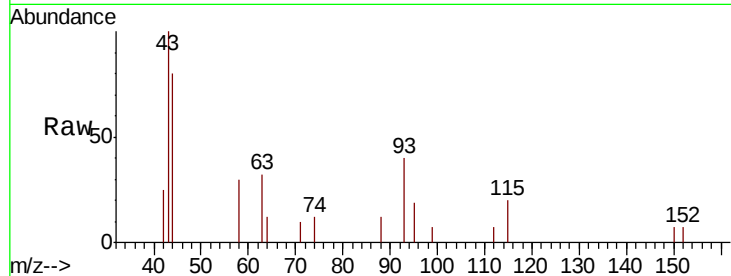
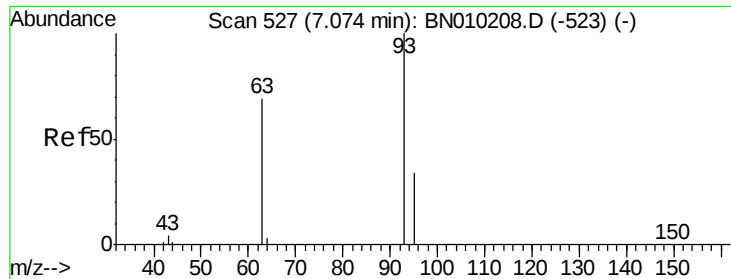
Delta R.T. -0.01 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Tgt Ion:	99	Resp:	968
Ion Ratio	Lower	Upper	
99	100		
42	36.2	12.0	18.0#
71	41.4	22.6	33.8#





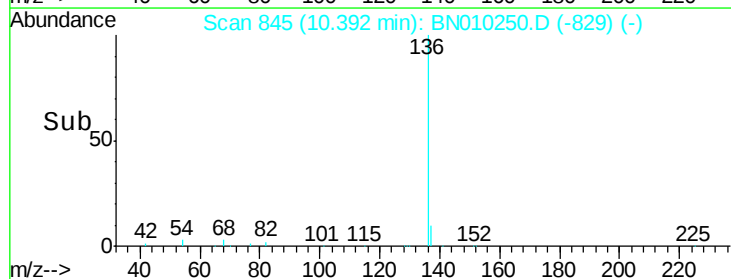
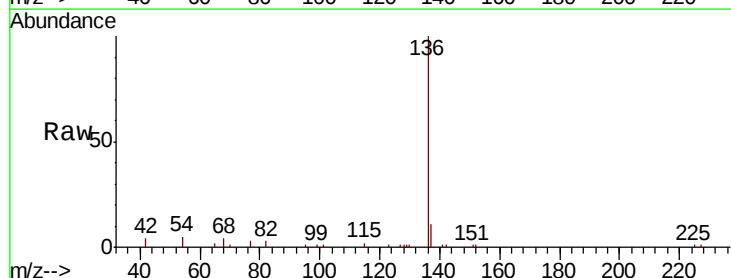
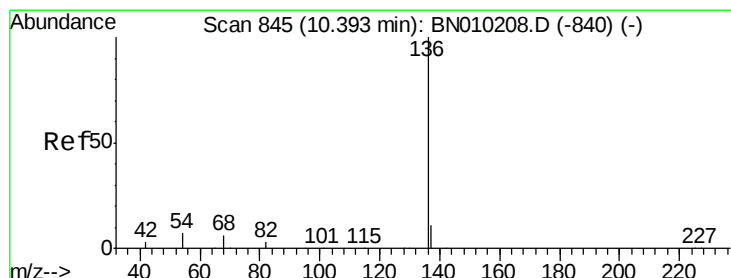
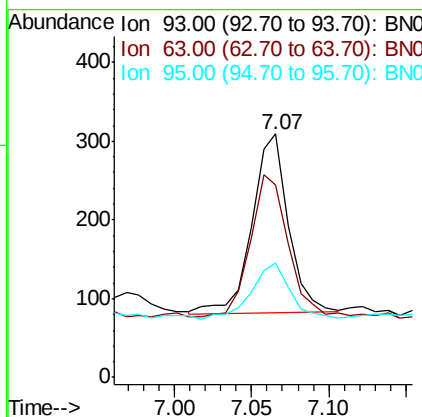
#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.8	53.4	80.0#
95	34.8	28.6	42.8

Instrument :
BNA_N
ClientSampleId :
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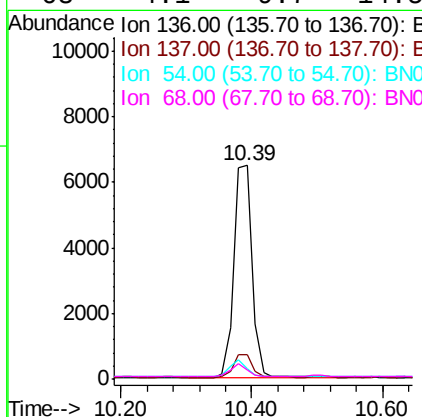
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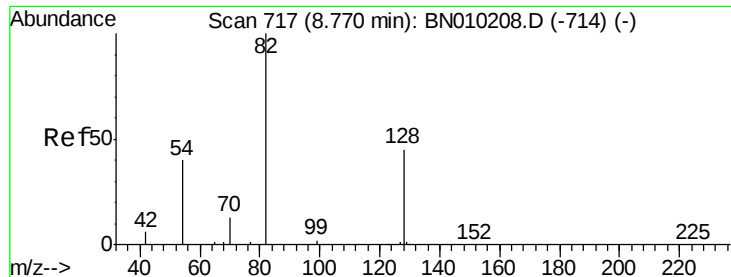
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	10.6	15.8
54	4.6	9.5	14.3#
68	4.1	9.7	14.5#





#8

Nitrobenzene-d5

Concen: 0.659 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Instrument :

BNA_N

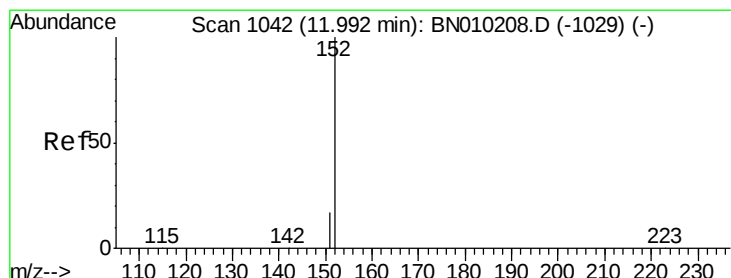
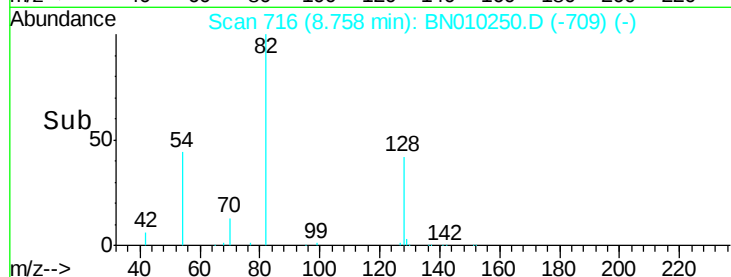
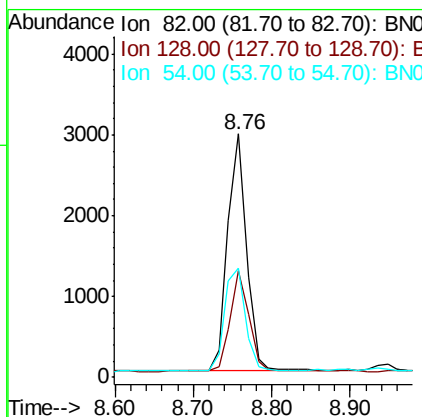
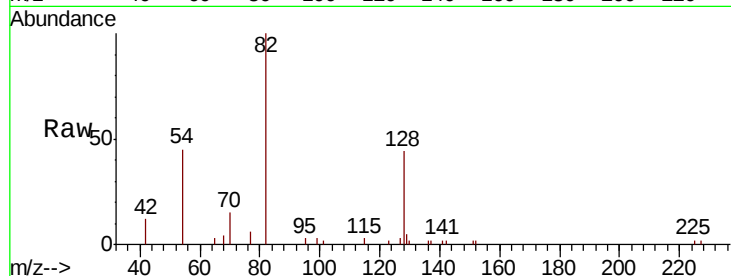
ClientSampleId :

TT101D-20200310

Tot Ion:	82	Resp:	4936
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.6
54	45.0	37.0	55.4

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#11

2-Methylnaphthalene-d10

Concen: 0.335 ng

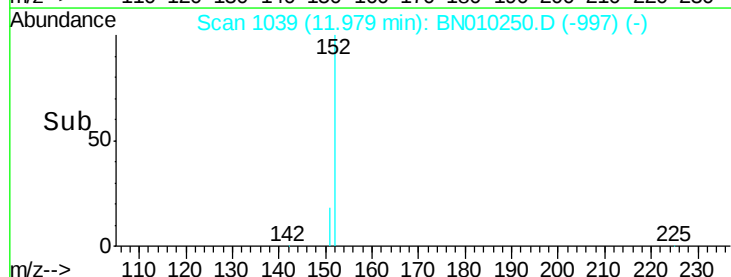
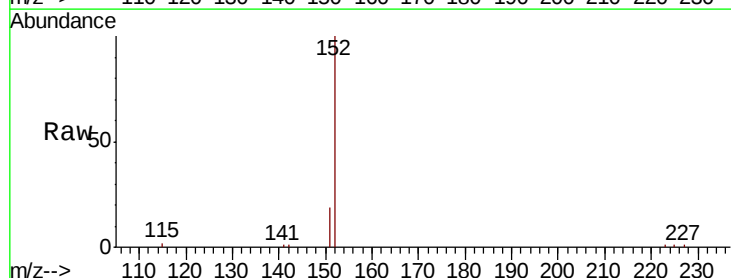
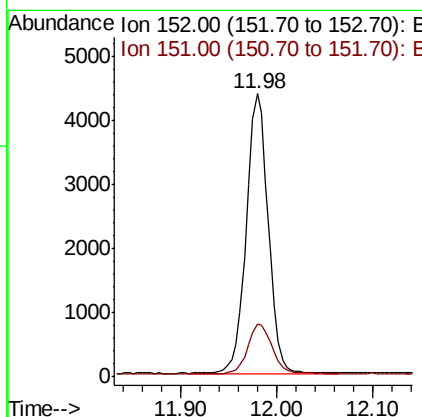
RT: 11.98 min Scan# 1039

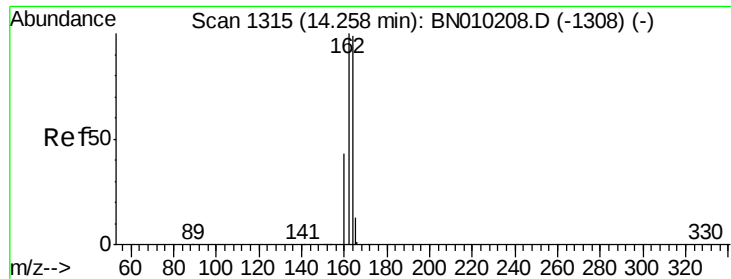
Delta R.T. -0.01 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Tgt Ion:	152	Resp:	6903
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6





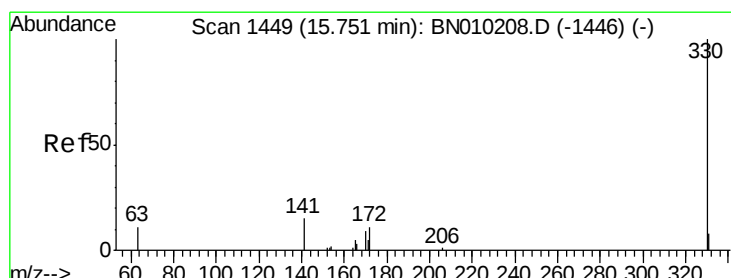
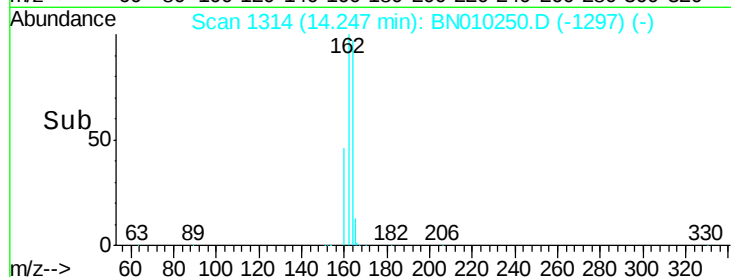
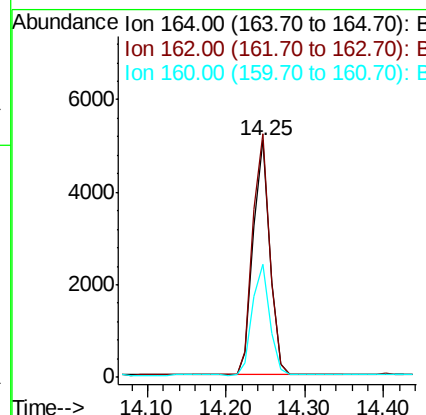
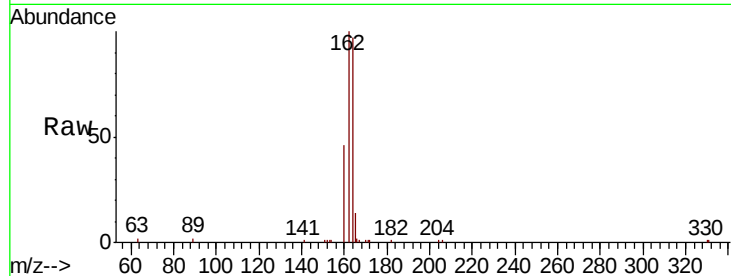
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.0	121.4
160	47.5	35.6	53.4

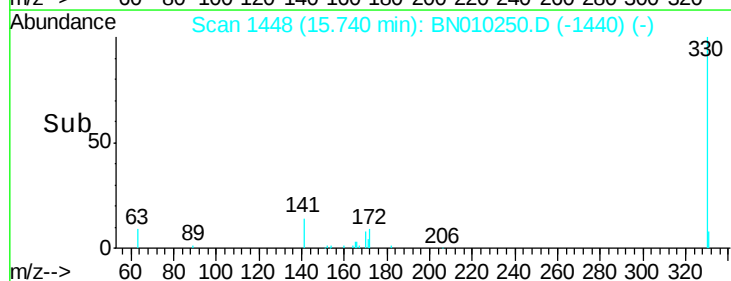
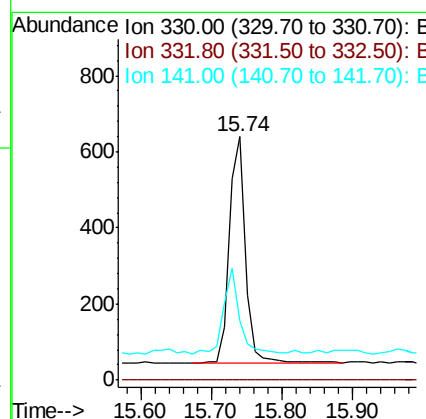
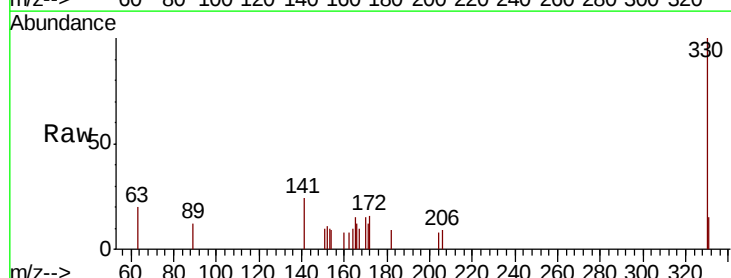
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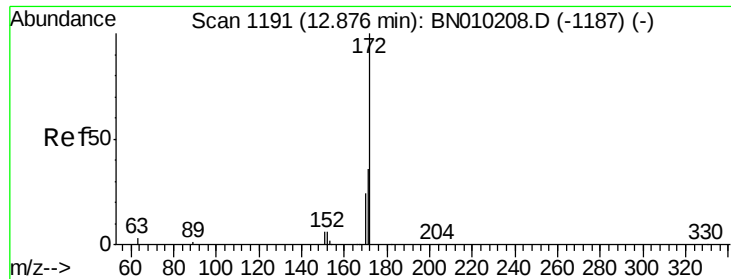
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#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	25.1	37.7#





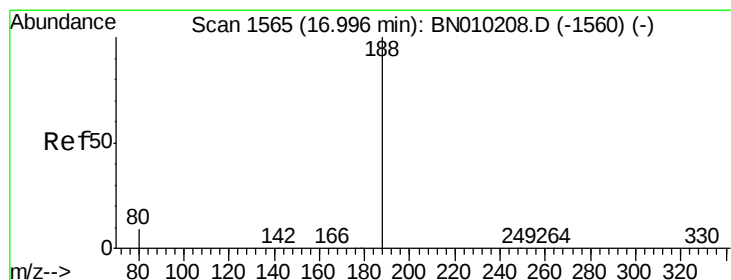
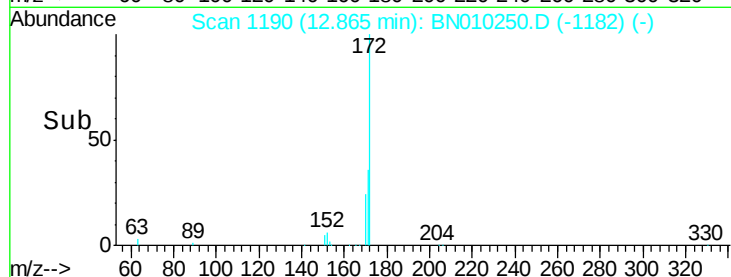
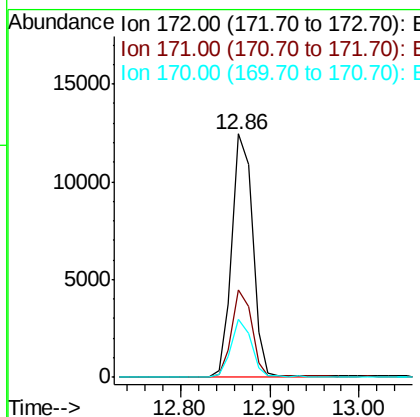
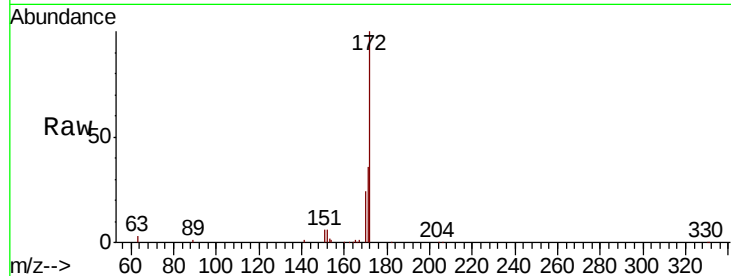
#15
2-Fluorobiphenyl
Concen: 0.755 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	23.8	20.2	30.4

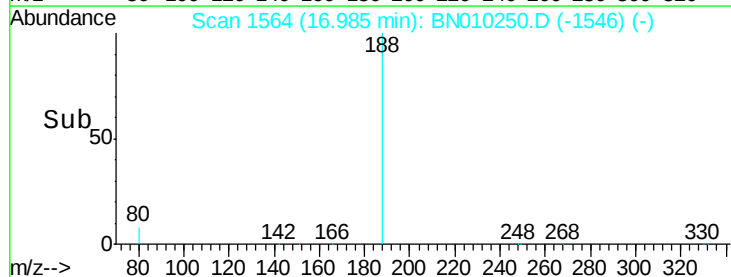
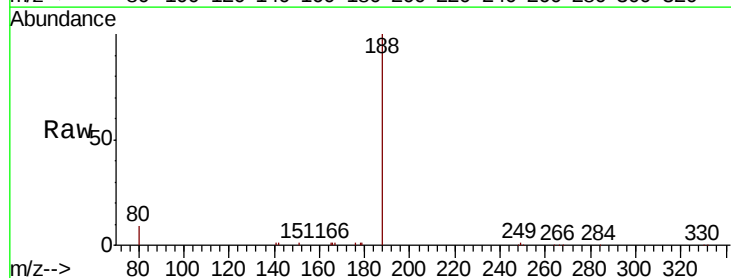
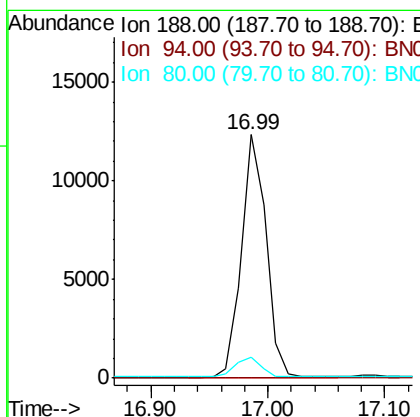
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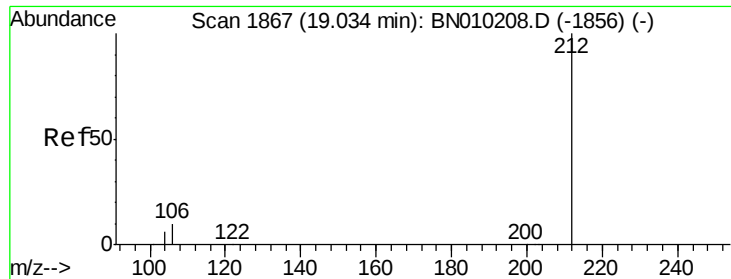
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010250.D
Acq: 18 Mar 2020 05:12

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





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Instrument :

BNA_N

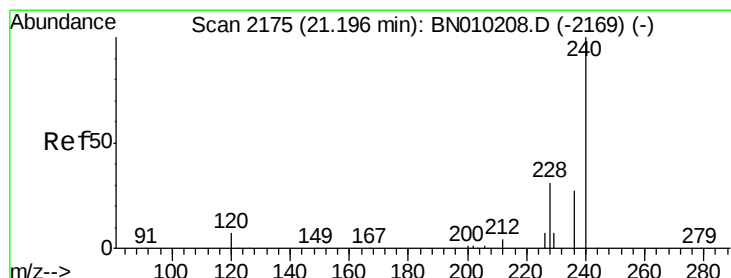
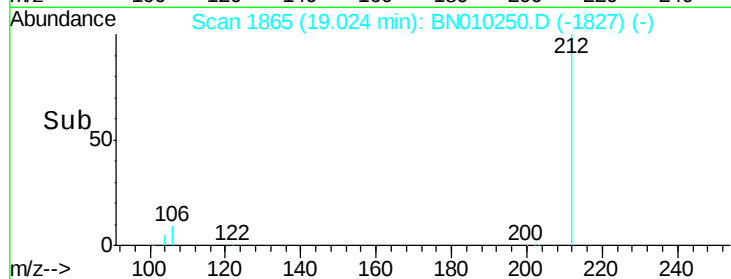
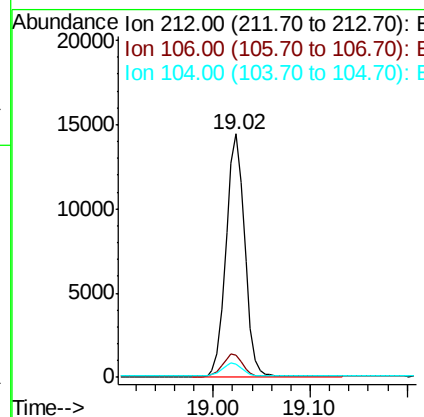
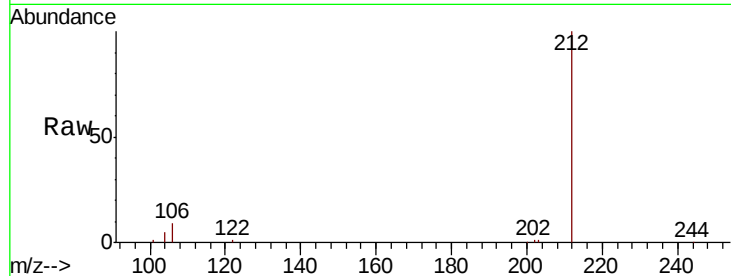
ClientSampleId :

TT101D-20200310

Tot Ion:	212	Resp:	19284
Ion Ratio	Lower	Upper	
212	100		
106	9.6	8.1	12.1
104	5.4	4.7	7.1

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#27

Chrysene-d12

Concen: 0.400 ng

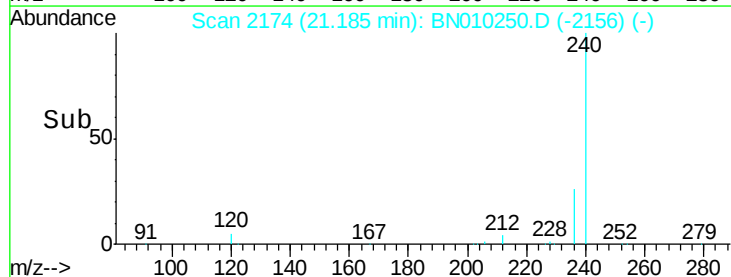
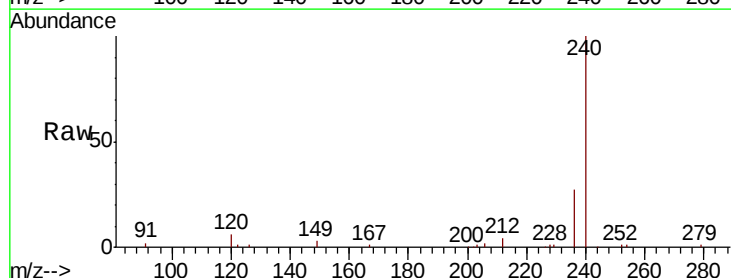
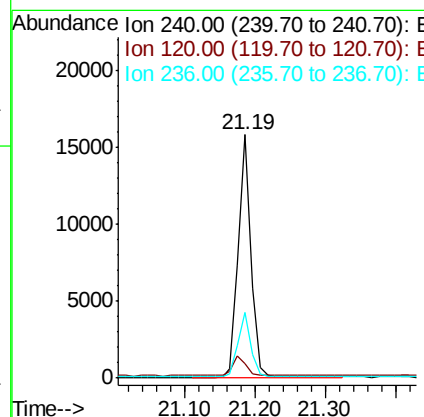
RT: 21.19 min Scan# 2174

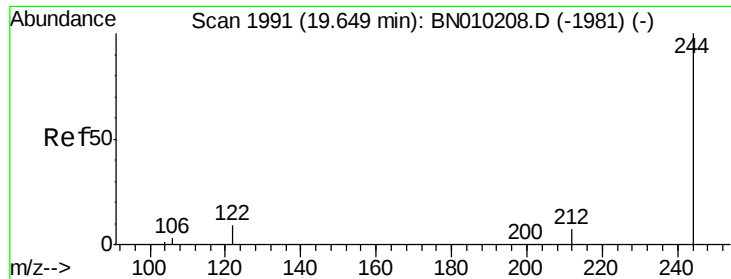
Delta R.T. -0.01 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Tgt Ion:	240	Resp:	19463
Ion Ratio	Lower	Upper	
240	100		
120	6.2	7.7	11.5#
236	26.7	21.8	32.6





#29

Terphenyl-d14

Concen: 0.592 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Instrument :

BNA_N

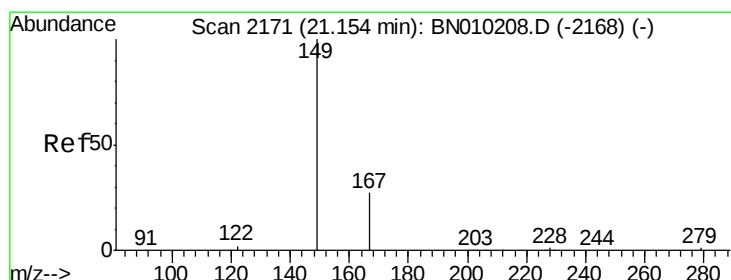
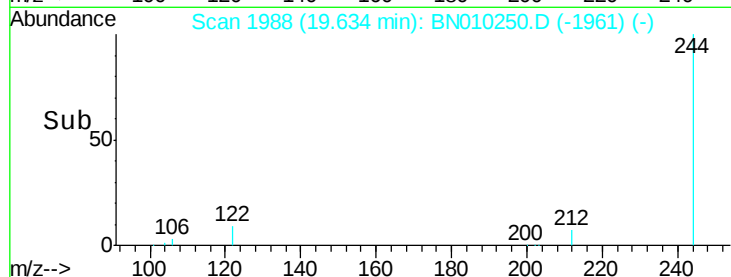
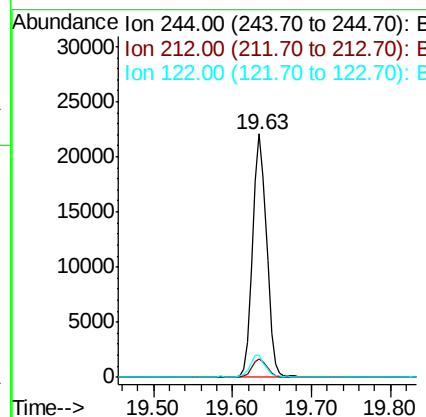
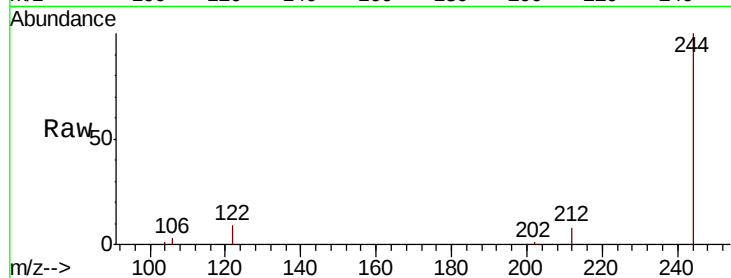
ClientSampleId :

TT101D-20200310

Tot Ion:	244	Resp:	26260
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.4	9.6
122	9.0	8.1	12.1

Manual Integrations
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mohammad
3/18/2020 4:01:42 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.150 ng m

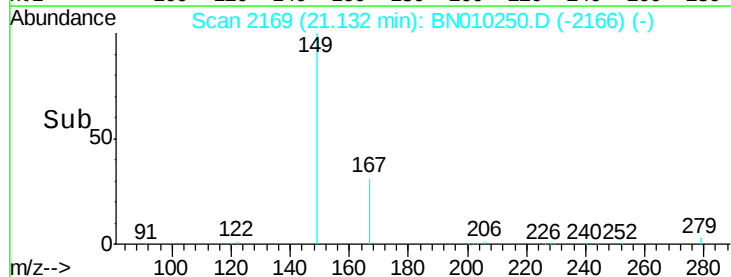
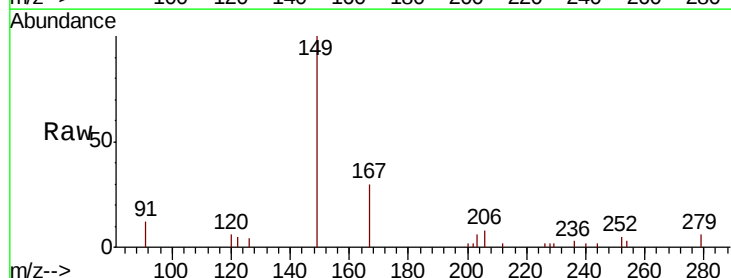
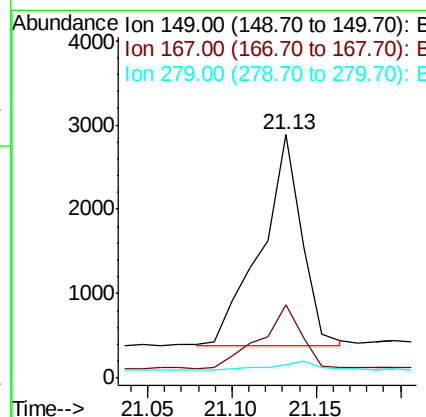
RT: 21.13 min Scan# 2169

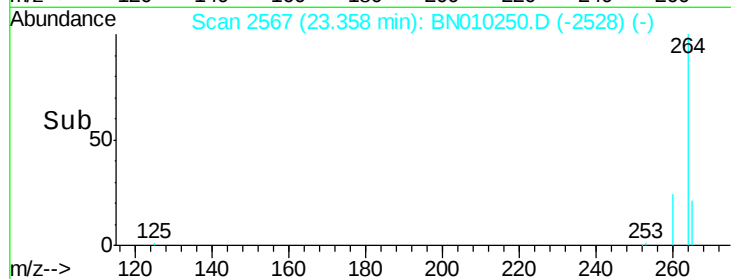
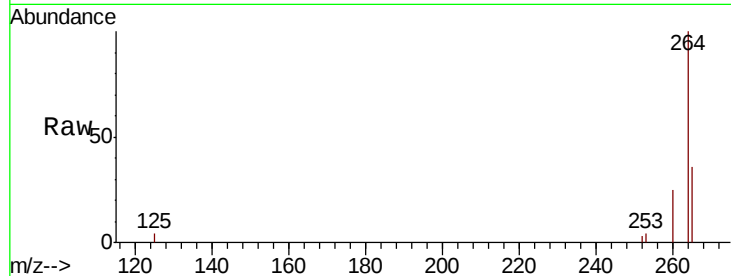
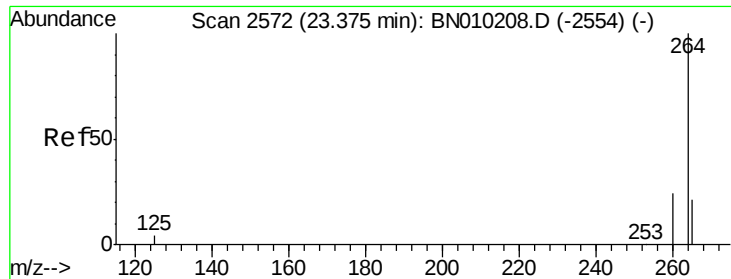
Delta R.T. -0.02 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Tgt Ion:	149	Resp:	4224
Ion Ratio	Lower	Upper	
149	100		
167	22.7	21.0	31.4
279	3.3	3.1	4.7





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010250.D

Acq: 18 Mar 2020 05:12

Tot Ion:	264	Resp:	21542
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.7	29.5
265	35.9	25.8	38.6

Instrument :

BNA_N

ClientSampleId :

TT101D-20200310

Manual Integrations
APPROVED

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3/18/2020 4:01:42 PM

