

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010988.D
 Acq On : 20 Jun 2020 04:23
 Operator : CG/JU
 Sample : L3033-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF001MW003-200616

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Quant Time: Jun 22 01:08:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2176	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7826	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	4620	0.40	ng	-0.01
19) Phenanthrene-d10	16.90	188	9711	0.40	ng	0.00
27) Chrysene-d12	21.11	240	9492	0.40	ng	-0.01
34) Perylene-d12	23.25	264	9858	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	869	0.21	ng	0.00
5) Phenol-d6	6.73	99	718	0.15	ng	0.00
8) Nitrobenzene-d5	8.67	82	2506	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.87	152	3797	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	829	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	8459	0.46	ng	-0.01
25) Fluoranthene-d10	18.94	212	11860	0.44	ng	0.00
29) Terphenyl-d14	19.55	244	13443	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	95628m	44.866	ng	Qvalue
6) bis(2-Chloroethyl)ether	6.98	93	2094	0.434	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	1650	0.177	ng	96

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

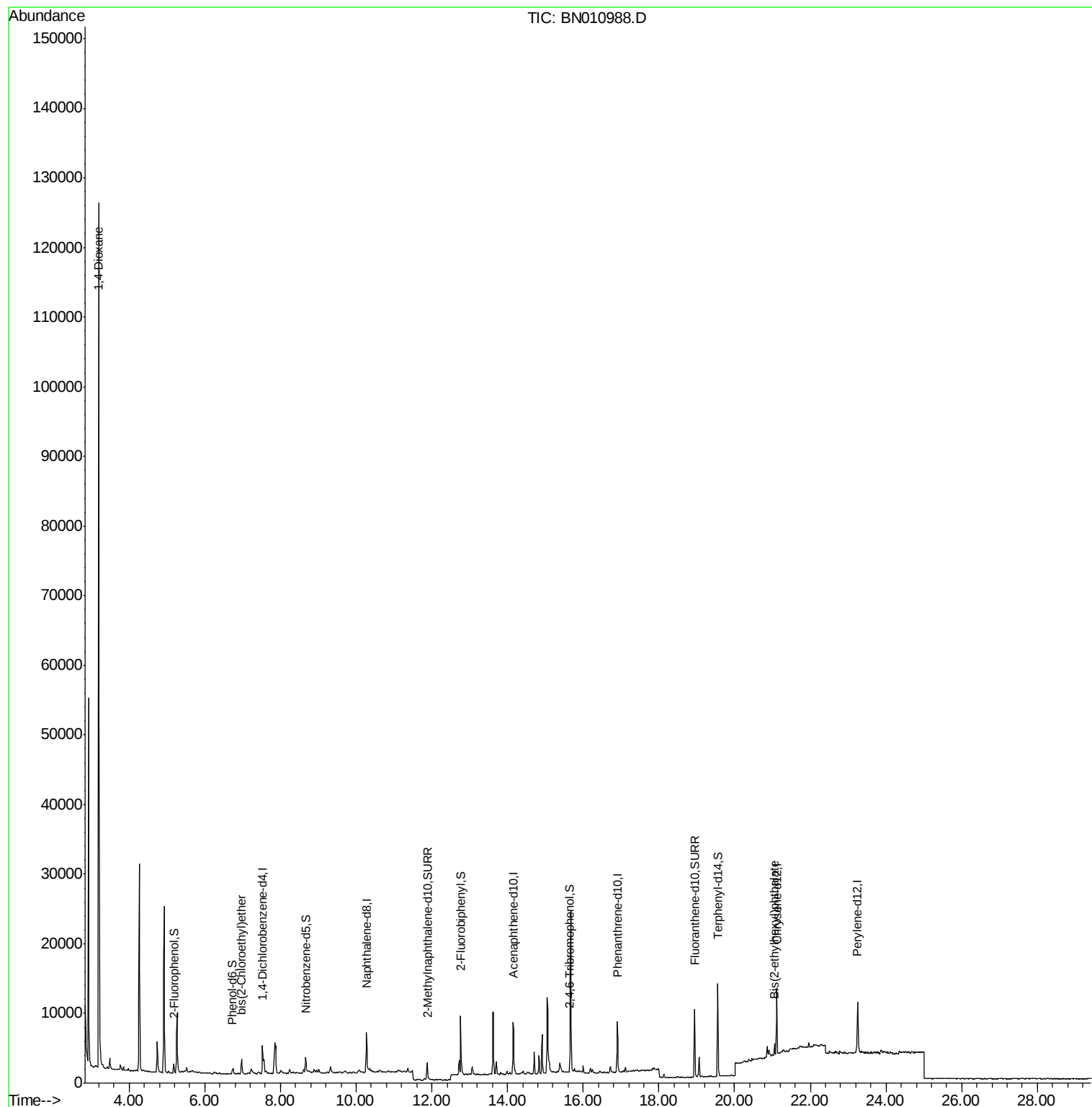
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010988.D
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Operator : CG/JU
Sample : L3033-07
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ALS Vial : 24 Sample Multiplier: 1

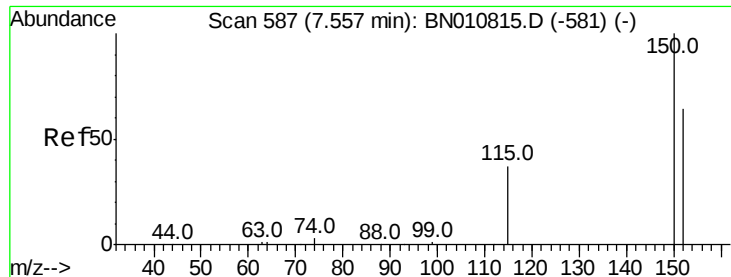
Instrument :
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QLast Update : Fri Jun 19 12:43:49 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.53 min Scan# 584

Delta R.T. -0.00 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Instrument :

BNA_N

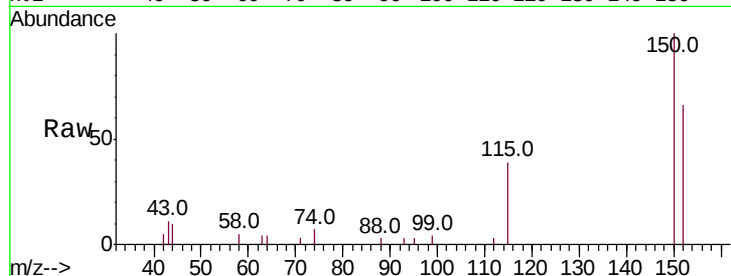
ClientSampleId :

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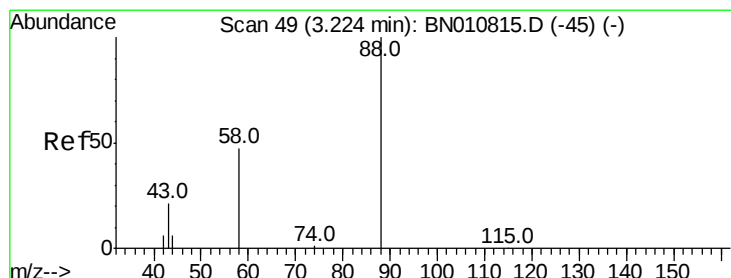
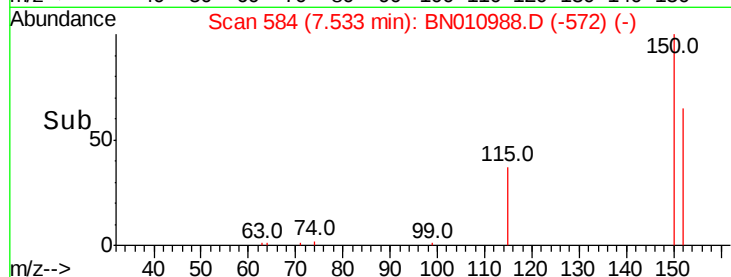
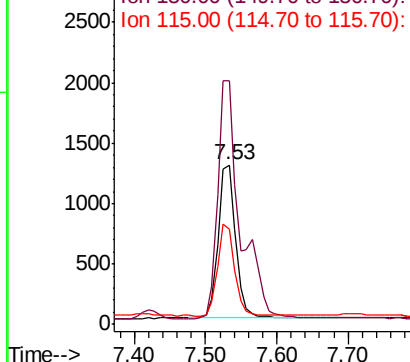
Tot Ion:	152	Resp:	2176
Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	59.5	49.2	73.8

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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: 44.866 ng m

RT: 3.20 min Scan# 46

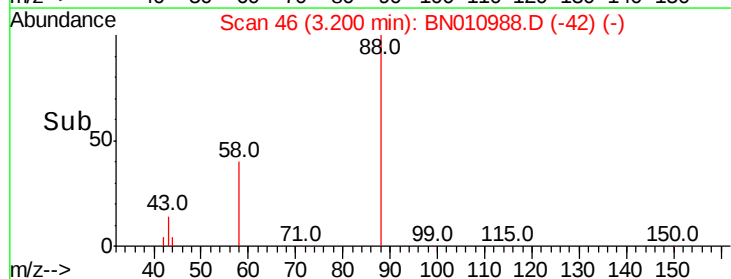
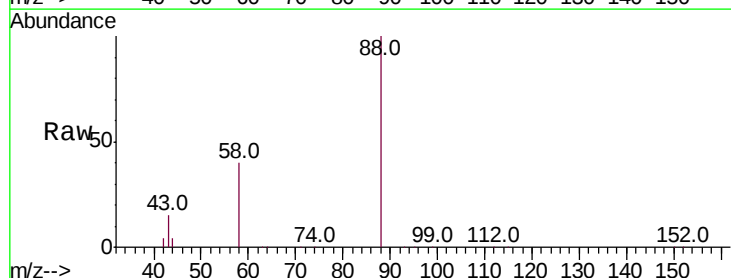
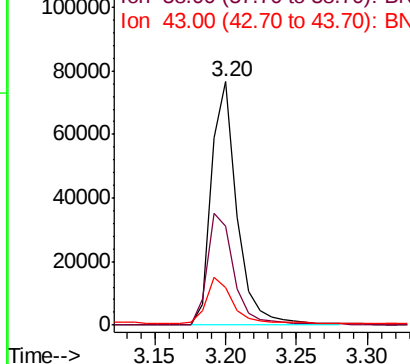
Delta R.T. -0.02 min

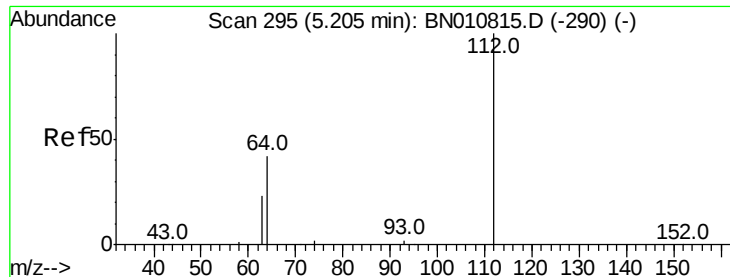
Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Tgt Ion:	88	Resp:	95628
Ion	Ratio	Lower	Upper
88	100		
58	42.4	38.2	57.4
43	16.0	15.1	22.7

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: 0.207 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Instrument :

BNA_N

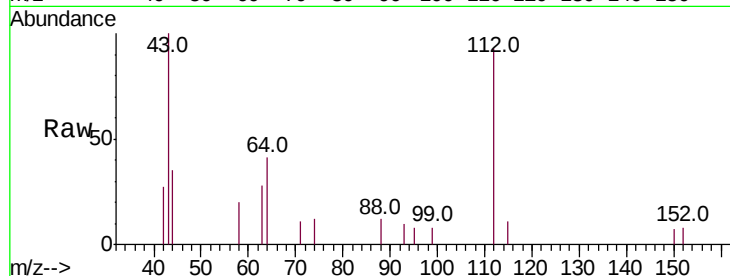
ClientSampleId :

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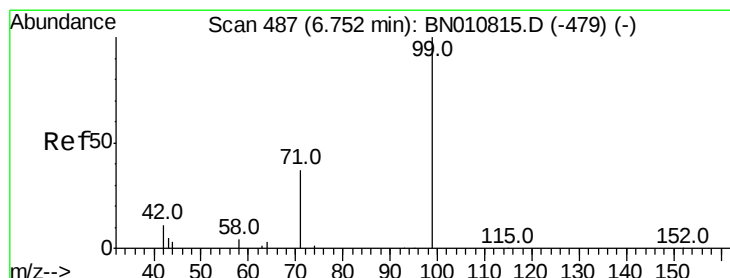
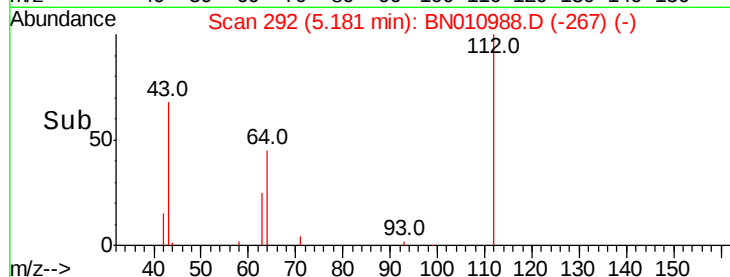
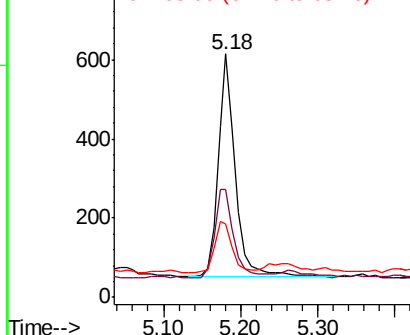
Tot Ion:	112	Resp:	869
Ion Ratio	Lower	Upper	
112	100		
64	44.1	37.4	56.0
63	22.9	22.2	33.4

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Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.145 ng

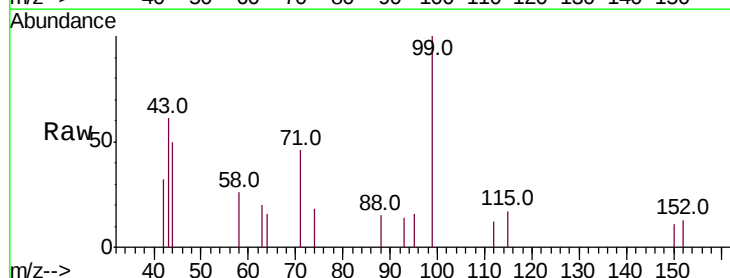
RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

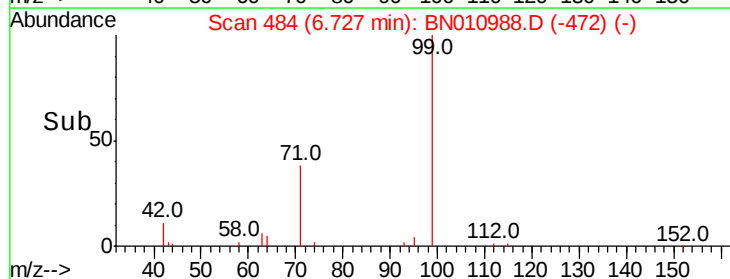
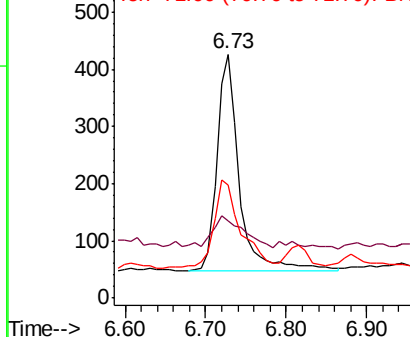
Lab File: BN010988.D

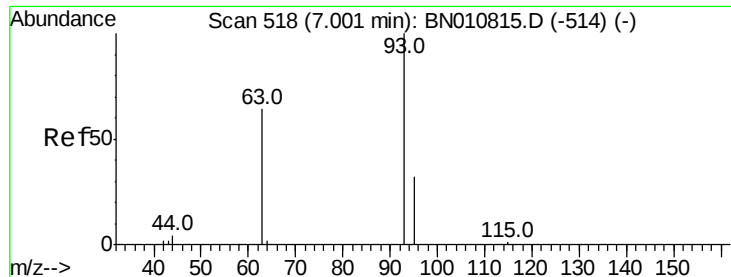
Acq: 20 Jun 2020 04:23

Tgt Ion:	99	Resp:	718
Ion Ratio	Lower	Upper	
99	100		
42	20.2	11.1	16.7#
71	48.6	31.4	47.2#



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC





#6

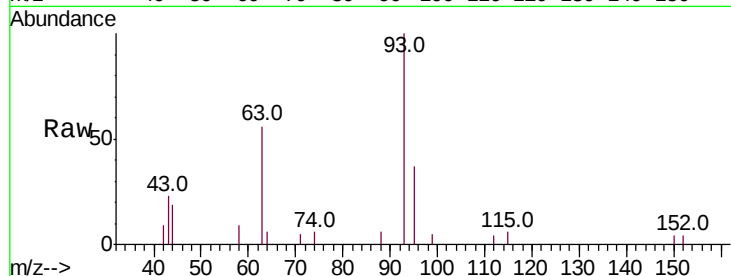
bis(2-Chloroethyl)ether
Concen: 0.434 ng
RT: 6.98 min Scan# 515
Delta R.T. -0.00 min
Lab File: BN010988.D
Acq: 20 Jun 2020 04:23

Instrument :
BNA_N
ClientSampleId :
LF001MW003-200616

Tot Ion	93	Resp:	2094
Ion	Ratio	Lower	Upper
93	100		
63	60.5	49.4	74.2
95	34.1	26.7	40.1

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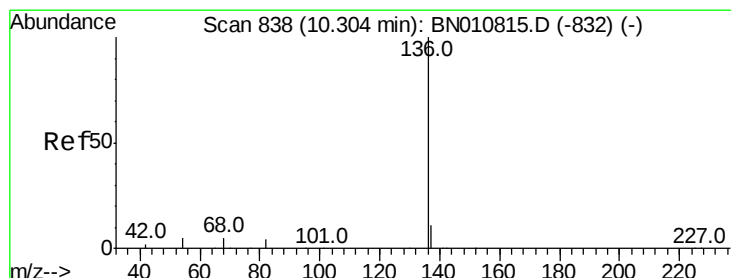
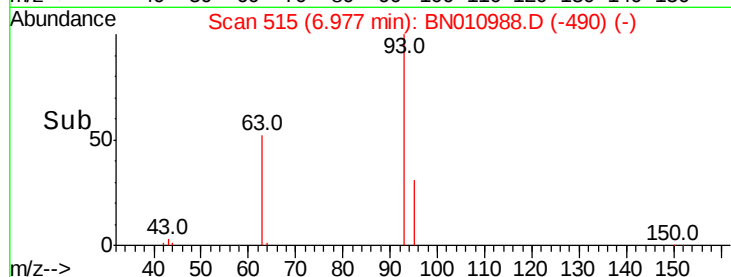
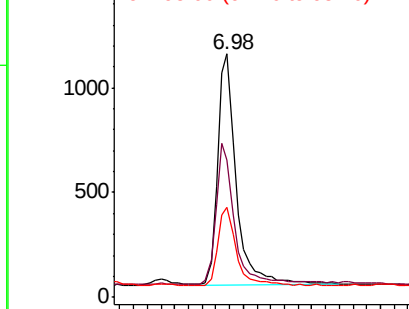


Abundance

Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN010988.D
Acq: 20 Jun 2020 04:23

Tgt Ion	136	Resp:	7826
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	5.1	4.9	7.3
68	5.6	4.7	7.1

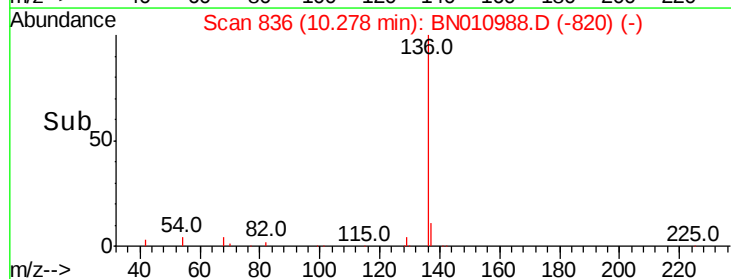
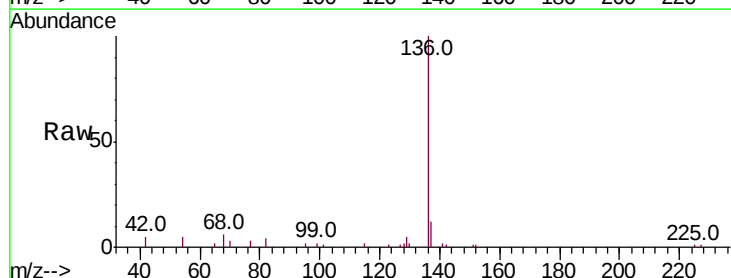
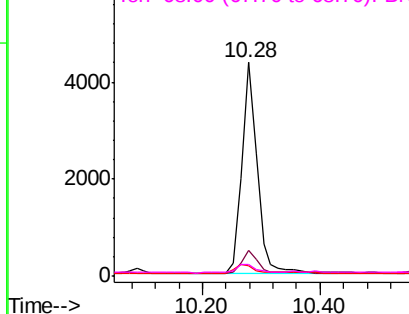
Abundance

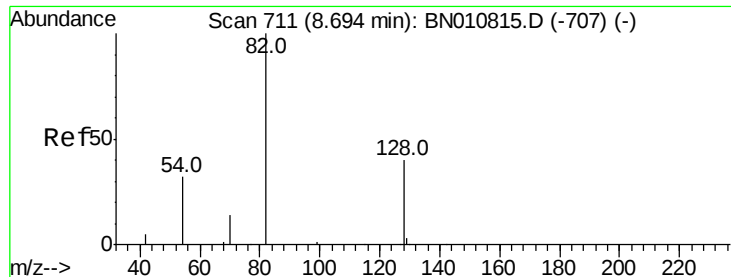
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0





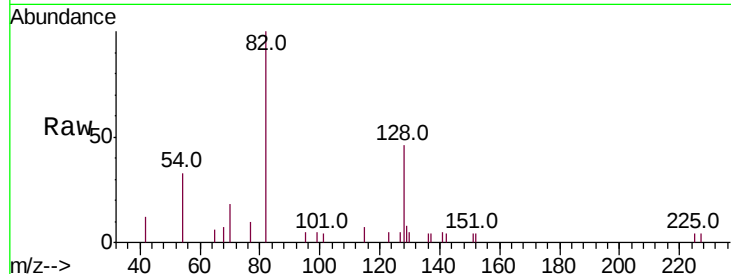
#8
 Nitrobenzene-d5
 Concen: 0.433 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010988.D
 Acq: 20 Jun 2020 04:23

Instrument :
 BNA_N
 ClientSampleId :
 LF001MW003-200616

Tot Ion	82	Ratio	100	Resp:	2506
Ion	82	100		Lower	Upper
	128	45.8		35.4	53.0
	54	32.7		28.2	42.4

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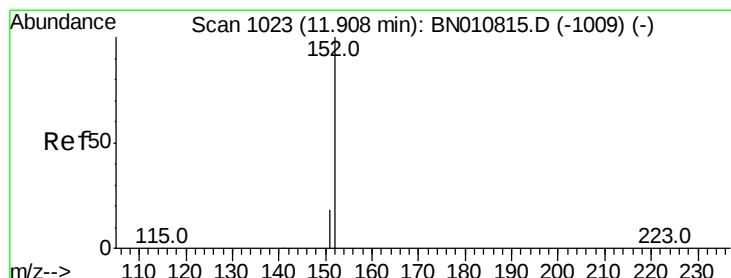
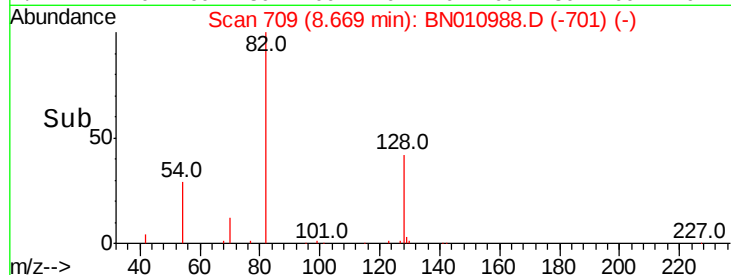
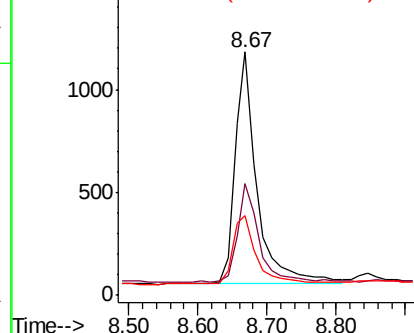
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Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

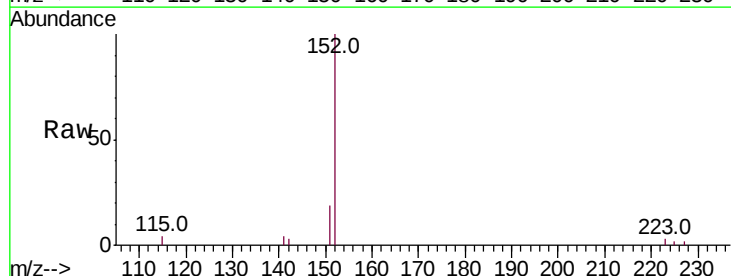
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



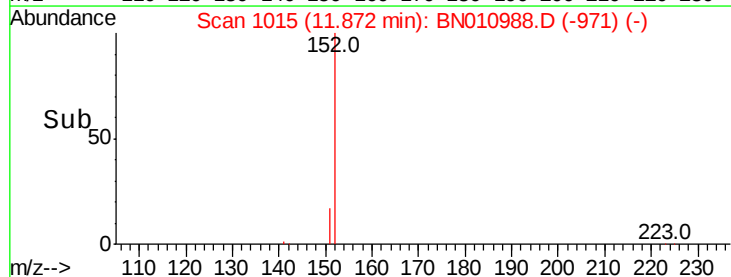
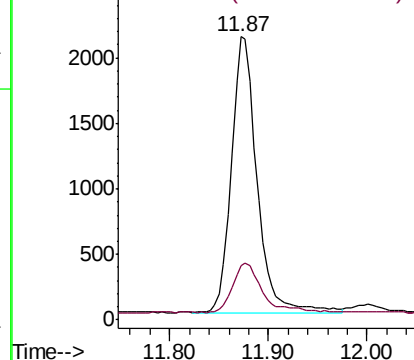
#11
 2-Methylnaphthalene-d10
 Concen: 0.313 ng
 RT: 11.87 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BN010988.D
 Acq: 20 Jun 2020 04:23

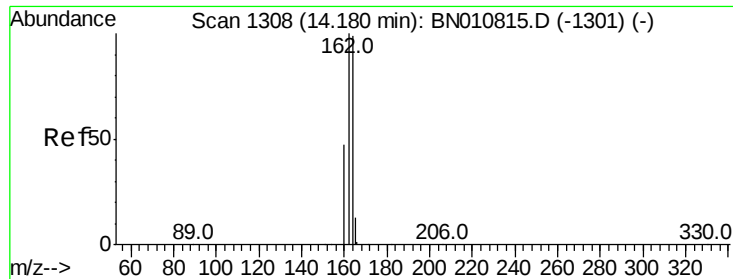
Tgt Ion	152	Ratio	100	Resp:	3797
Ion	152	100		Lower	Upper
	151	21.5		15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Instrument :

BNA_N

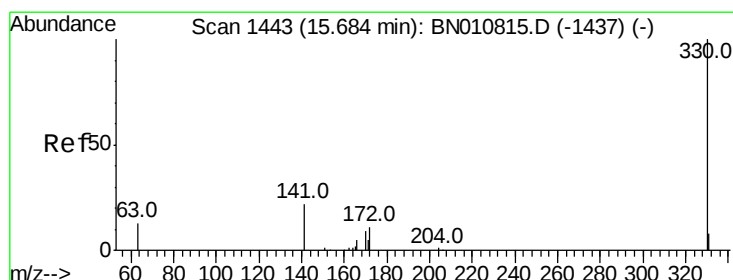
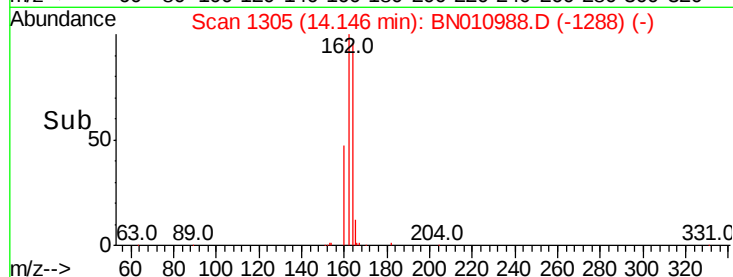
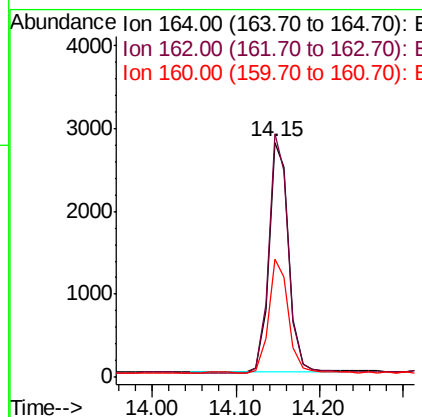
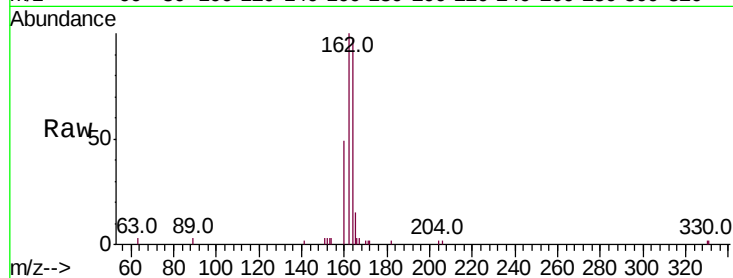
ClientSampleId :

LF001MW003-200616

Tot Ion:	164	Resp:	4620
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.0	121.6
160	50.2	38.9	58.3

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#14

2,4,6-Tribromophenol

Concen: 0.502 ng

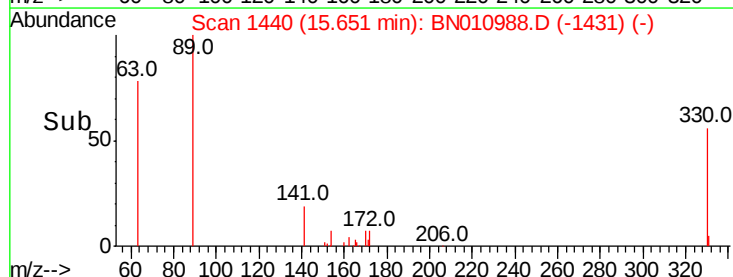
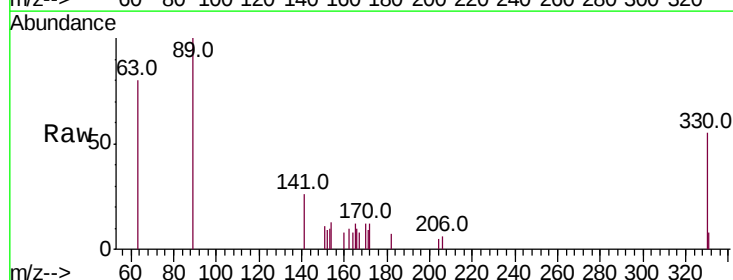
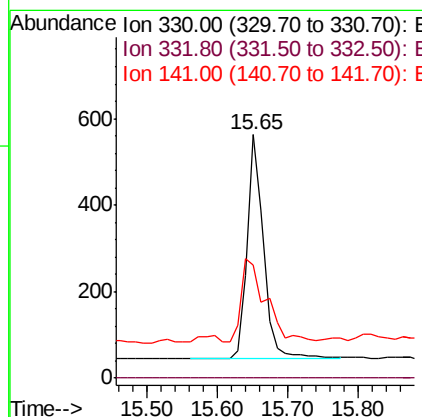
RT: 15.65 min Scan# 1440

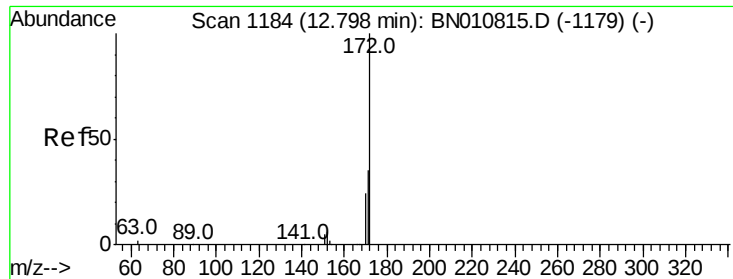
Delta R.T. -0.00 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Tgt Ion:	330	Resp:	829
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	54.5	33.2	49.8#





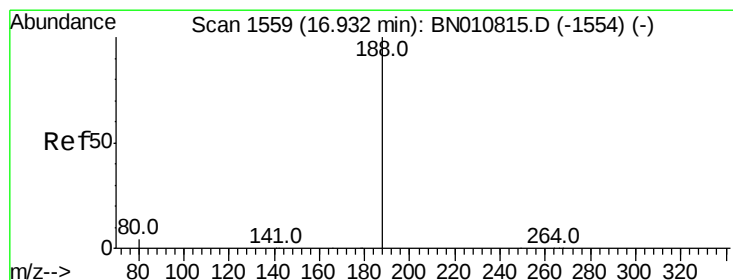
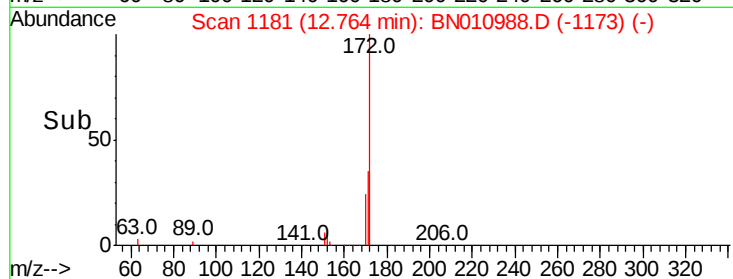
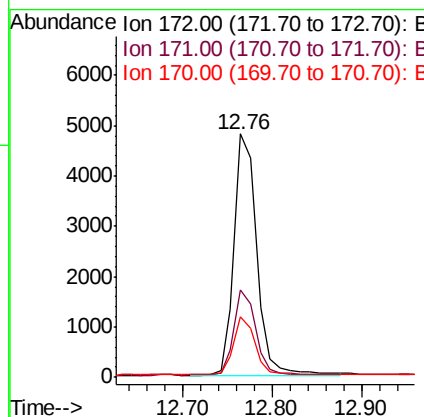
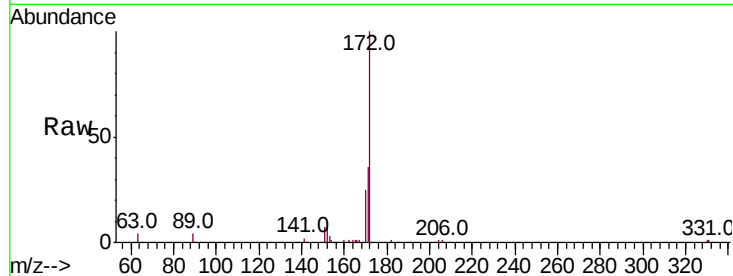
#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.6	19.7	29.5

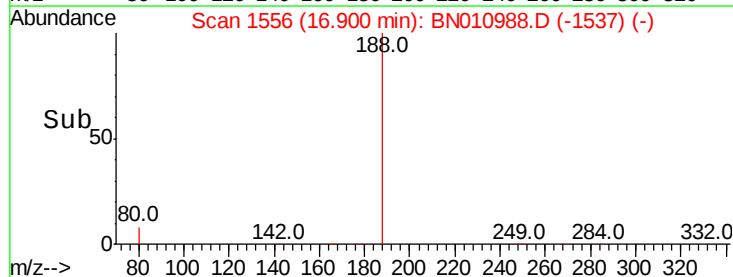
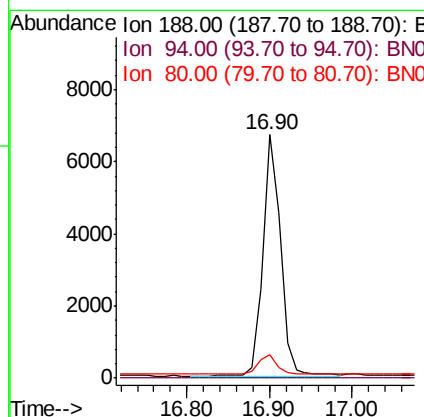
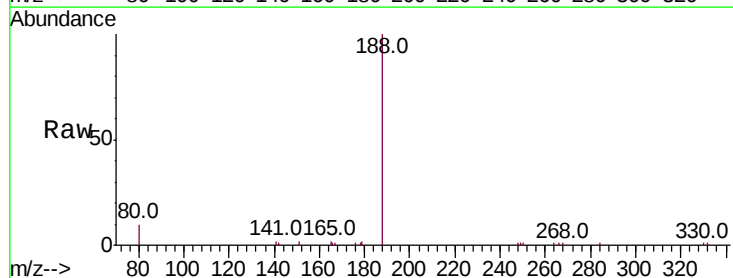
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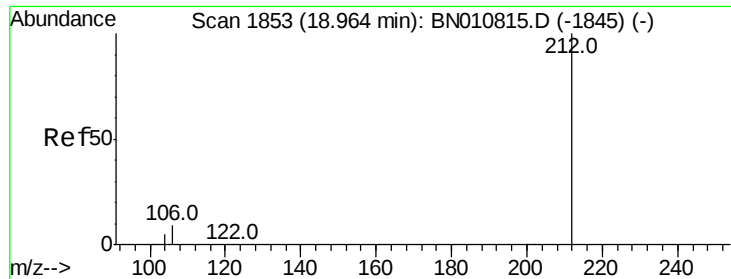
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BN010988.D
Acq: 20 Jun 2020 04:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	4.5	6.7





#25

Fluoranthene-d10

Concen: 0.443 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Instrument :

BNA_N

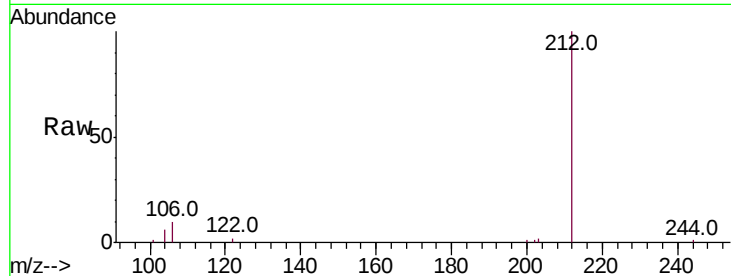
ClientSampleId :

LF001MW003-200616

Tot Ion:	212	Resp:	11860
Ion Ratio	Lower	Upper	
212	100		
106	9.1	6.6	10.0
104	5.3	4.0	6.0

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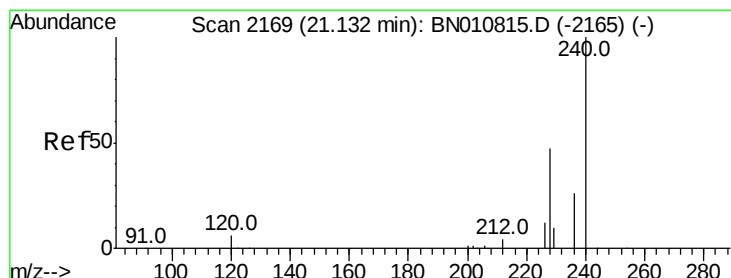
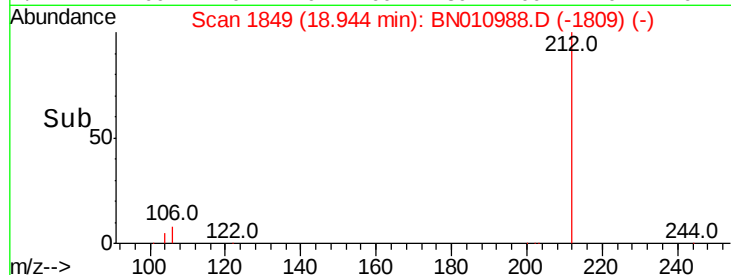
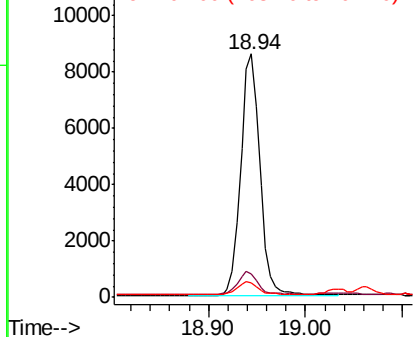


Abundance

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: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

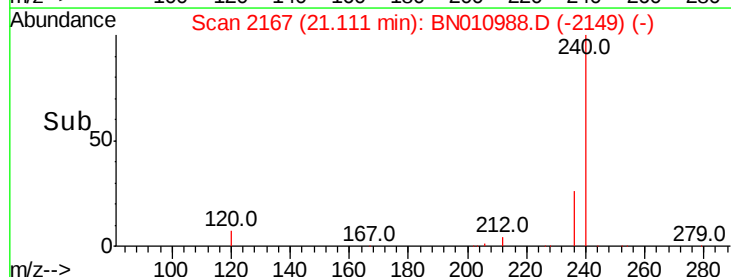
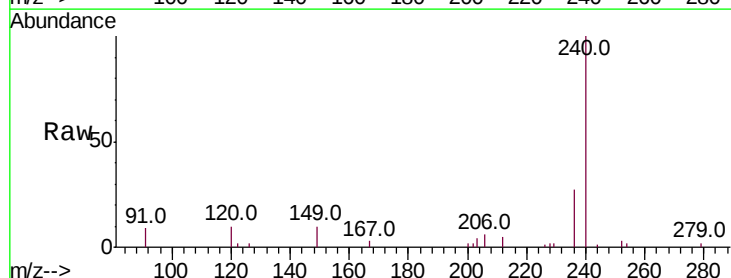
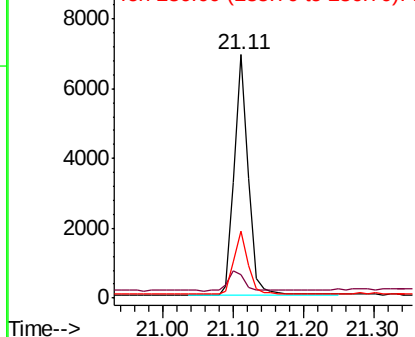
Tgt Ion:	240	Resp:	9492
Ion Ratio	Lower	Upper	
240	100		
120	9.7	7.5	11.3
236	27.3	22.3	33.5

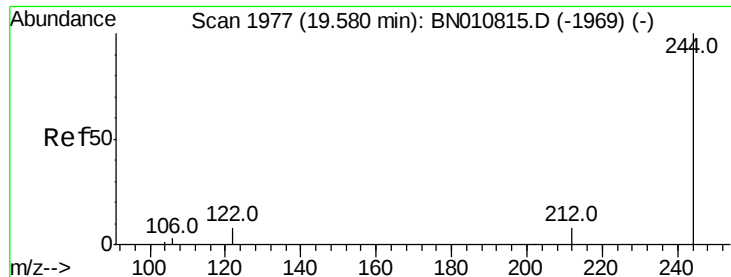
Abundance

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: 0.605 ng

RT: 19.55 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Instrument :

BNA_N

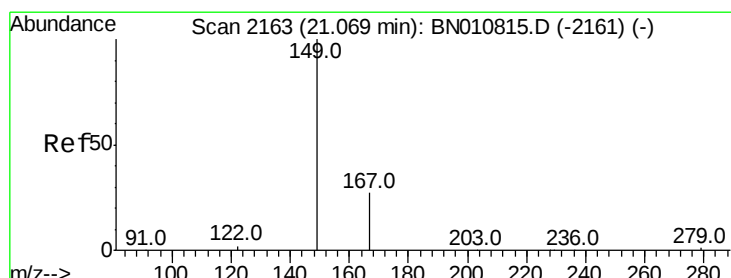
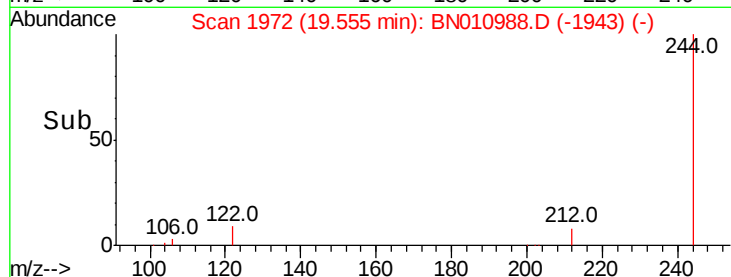
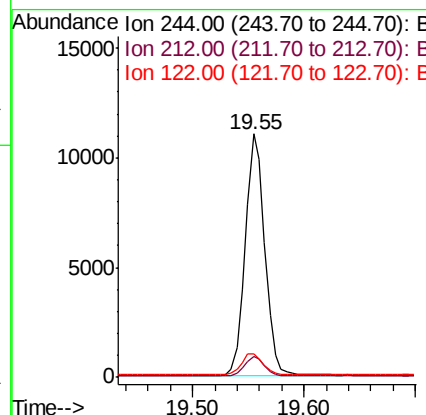
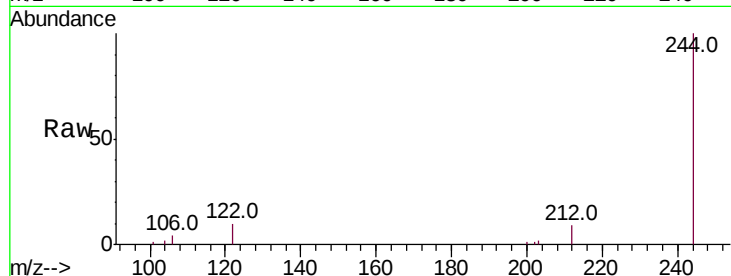
ClientSampleId :

LF001MW003-200616

Tot Ion:	244	Resp:	13443
Ion Ratio	Lower	Upper	
244	100		
212	8.6	7.4	11.2
122	9.8	7.5	11.3

Manual Integrations
APPROVED

mohammad
6/22/2020 3:25:25 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.177 ng

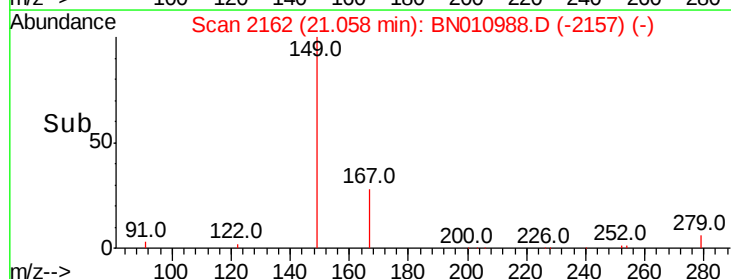
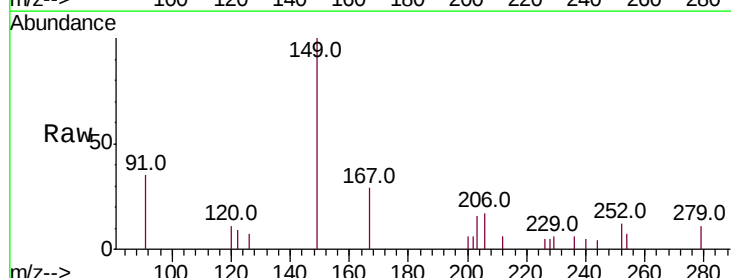
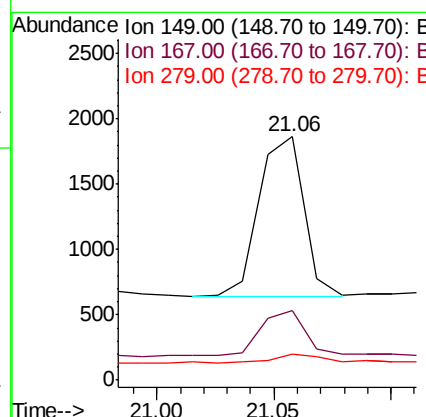
RT: 21.06 min Scan# 2162

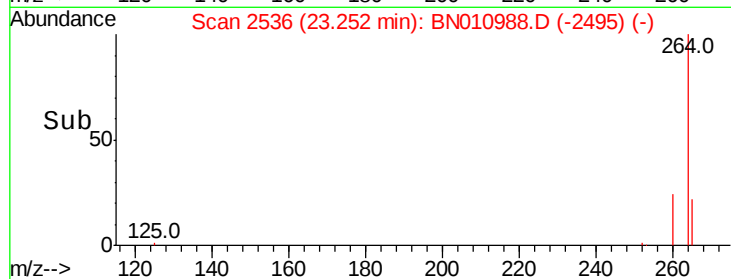
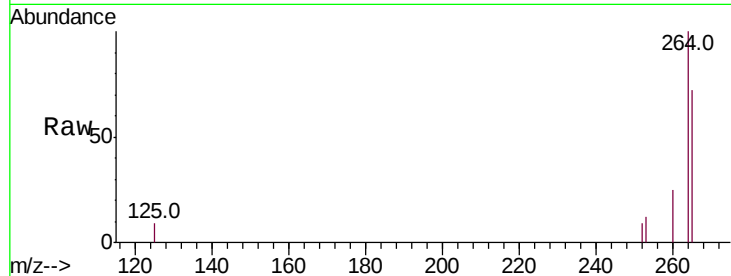
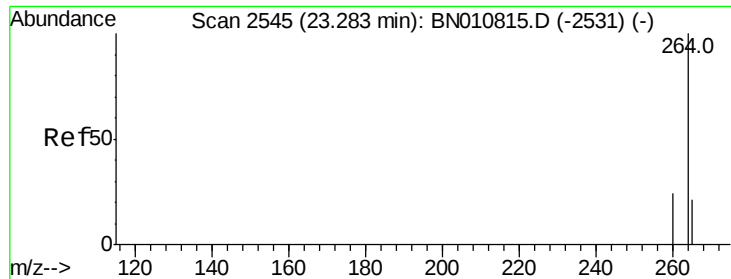
Delta R.T. -0.00 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Tgt Ion:	149	Resp:	1650
Ion Ratio	Lower	Upper	
149	100		
167	28.1	24.1	36.1
279	6.6	4.6	7.0





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN010988.D

Acq: 20 Jun 2020 04:23

Instrument :

BNA_N

ClientSampleId :

LF001MW003-200616

Tot Ion: 264 Resp: 9858

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 72.5 75.0 112.4#

Manual Integrations

APPROVED

mohammad

6/22/2020 3:25:25 PM

