

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011015.D
 Acq On : 22 Jun 2020 18:39
 Operator : CG/JU
 Sample : L3033-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY032MW006-200616

Manual Integrations
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Sohil
 6/23/2020 2:12:22 PM

Quant Time: Jun 22 19:16:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	4523	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	33140m	0.40	ng	-0.03
13) Acenaphthene-d10	14.16	164	9935	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	12782	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	10719	0.40	ng	-0.01
34) Perylene-d12	23.26	264	13945	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2087	0.24	ng	0.02
5) Phenol-d6	6.74	99	4873	0.47	ng	0.02
8) Nitrobenzene-d5	8.67	82	4088m	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	7983m	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	1412	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	11000	0.28	ng	0.00
25) Fluoranthene-d10	18.94	212	13106	0.37	ng	0.00
29) Terphenyl-d14	19.56	244	13811	0.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	10161224	2293.573	ng	98
6) bis(2-Chloroethyl)ether	6.99	93	2946940	293.855	ng	97
9) Naphthalene	10.34	128	1279373	15.362	ng	97
12) 2-Methylnaphthalene	11.95	142	118529	2.127	ng	# 96
17) Acenaphthene	14.20	154	1653	0.060	ng	# 65
18) Fluorene	15.21	166	2384	0.067	ng	# 46
23) Phenanthrene	16.94	178	1774	0.051	ng	# 60
24) Anthracene	17.04	178	1324	0.045	ng	# 21
26) Fluoranthene	18.97	202	1050	0.026	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.06	149	6673	0.635	ng	# 80

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

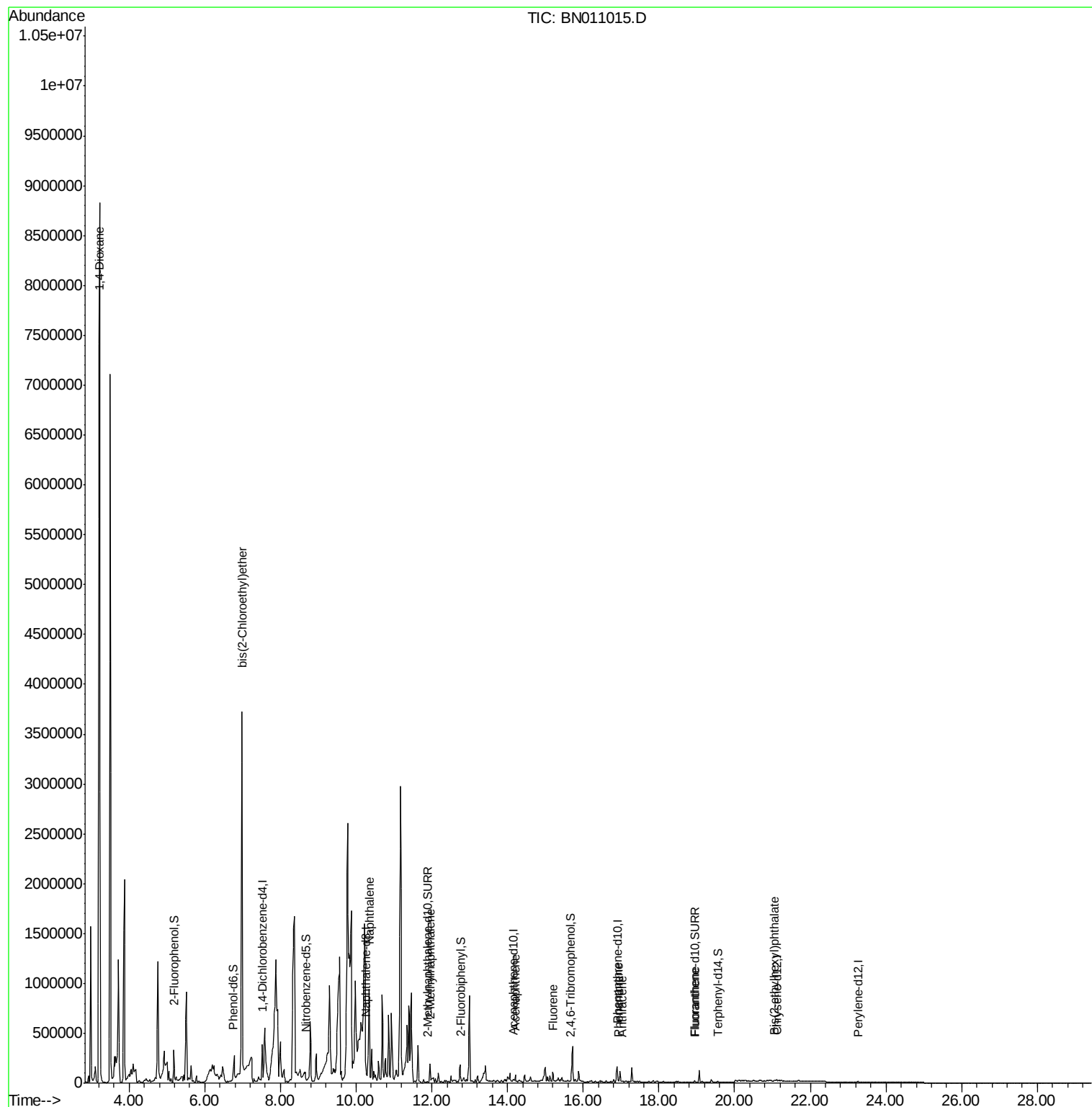
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011015.D
Acq On : 22 Jun 2020 18:39
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
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#1

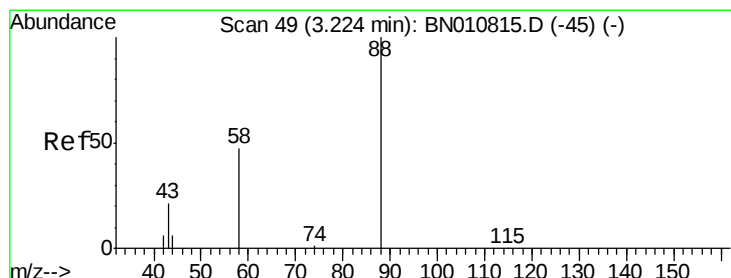
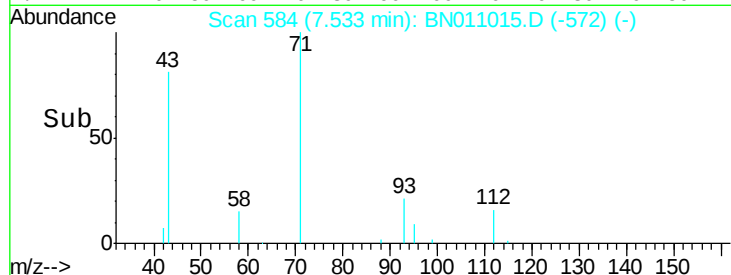
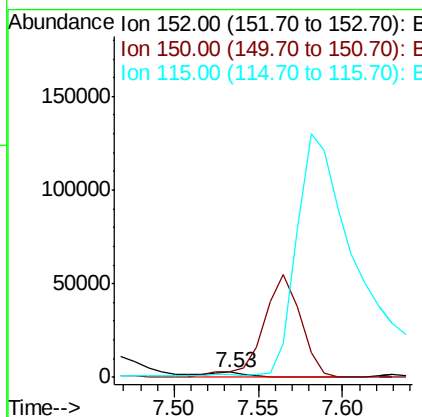
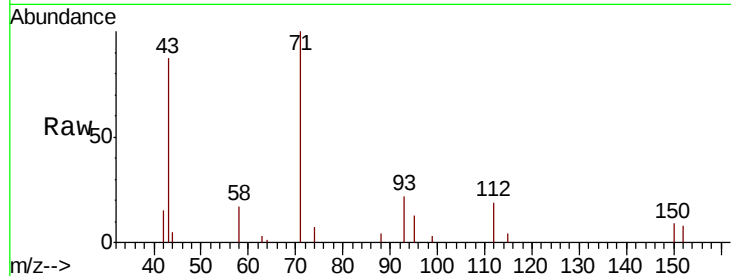
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	119.9	123.8	185.6#
115	51.4	49.2	73.8

Manual Integrations
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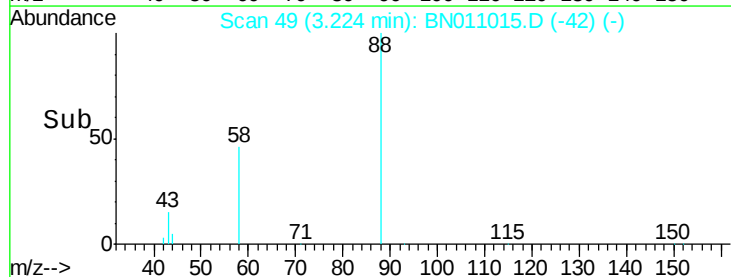
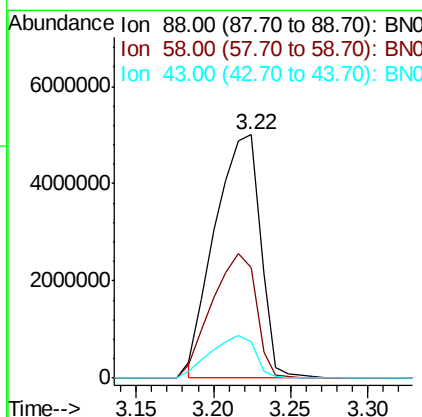
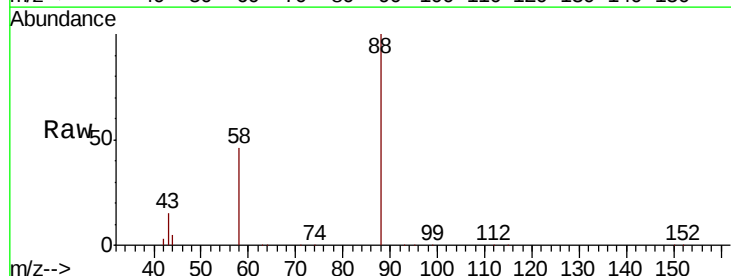
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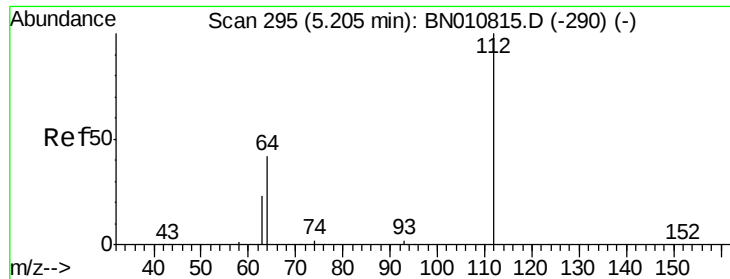


#2

1,4-Dioxane
Concen: 2293.573 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	48.8	38.2	57.4
43	16.8	15.1	22.7





#4

2-Fluorophenol

Concen: 0.239 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.02 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

Instrument :

BNA_N

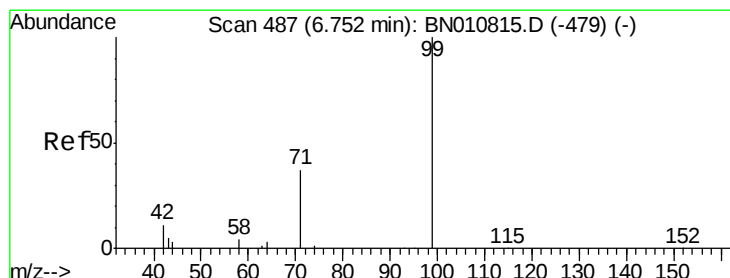
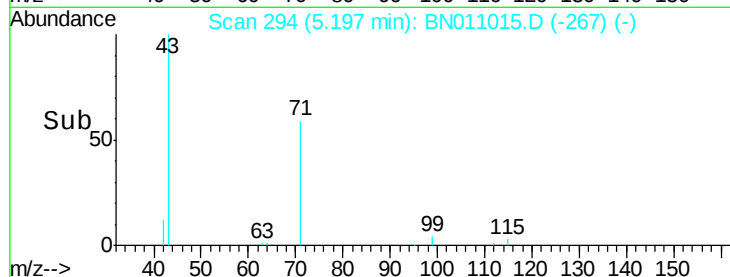
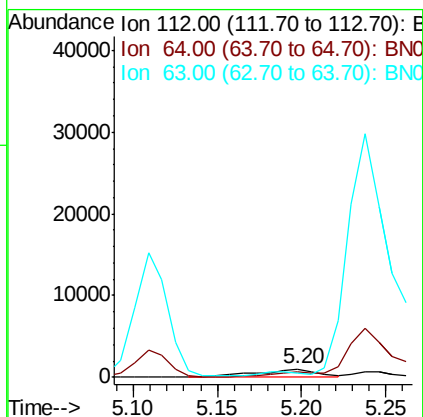
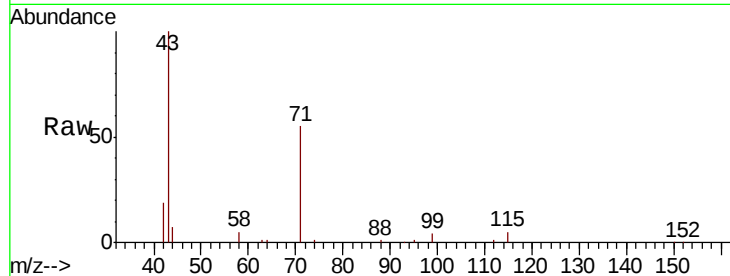
ClientSampleId :

KY032MW006-200616

Tot Ion:	112	Resp:	2087
Ion Ratio	Lower	Upper	
112	100		
64	0.0	37.4	56.0#
63	0.0	22.2	33.4#

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#5

Phenol-d6

Concen: 0.474 ng

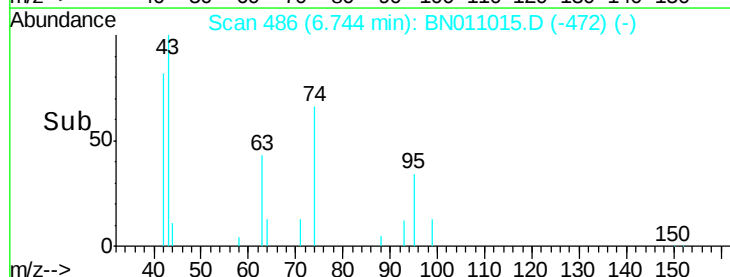
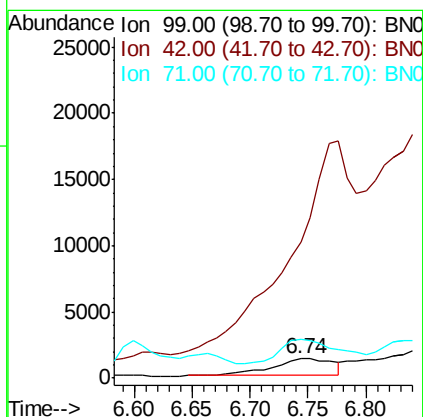
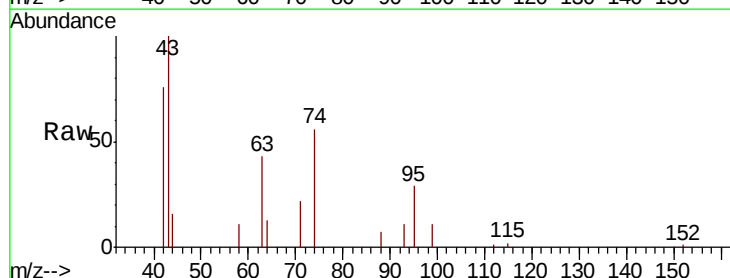
RT: 6.74 min Scan# 486

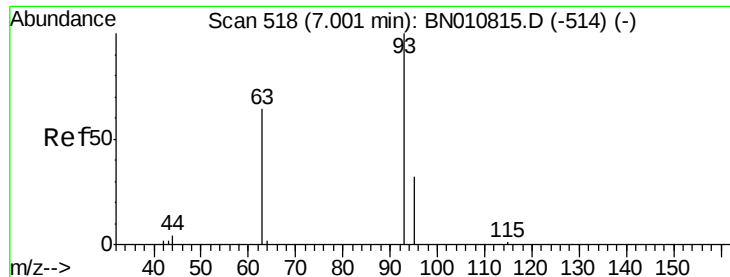
Delta R.T. 0.02 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

Tgt Ion:	99	Resp:	4873
Ion Ratio	Lower	Upper	
99	100		
42	0.0	11.1	16.7#
71	134.7	31.4	47.2#





#6

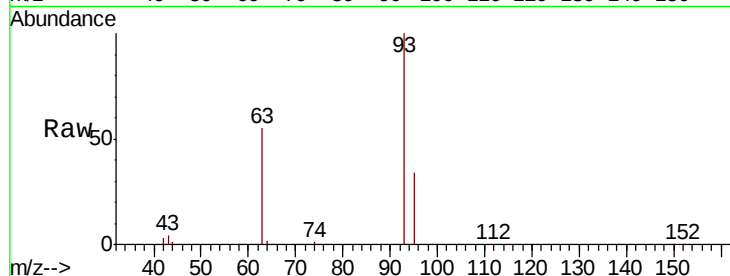
bis(2-Chloroethyl)ether
Concen: 293.855 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
93	100		
63	57.9	49.4	74.2
95	33.5	26.7	40.1

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Abundance

Ion 93.00 (92.70 to 93.70): BN011015.D (-490) (-)

2500000

2000000

1500000

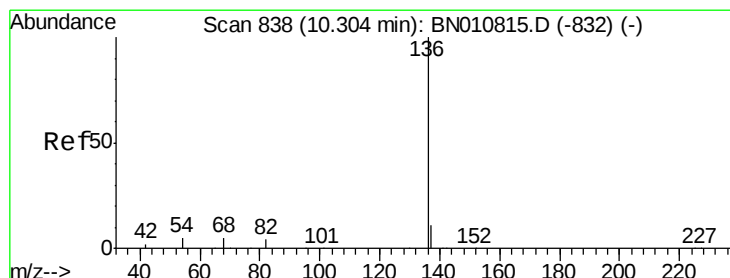
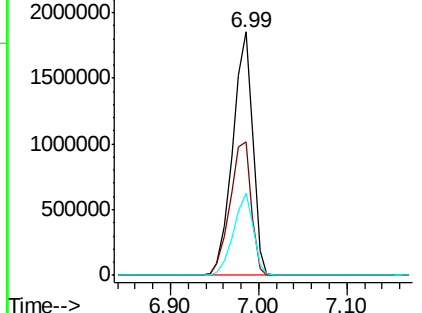
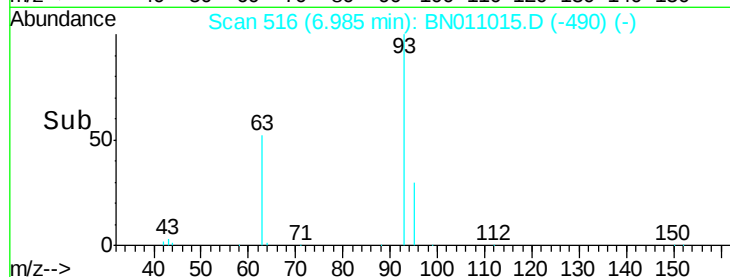
1000000

500000

0

6.99

Time-->



#7

Naphthalene-d8
Concen: 0.400 ng m
RT: 10.25 min Scan# 834
Delta R.T. -0.03 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	7.1	4.9	7.3
68	9.0	4.7	7.1#

Abundance

Ion 136.00 (135.70 to 136.70): BN011015.D (-820) (-)

40000

30000

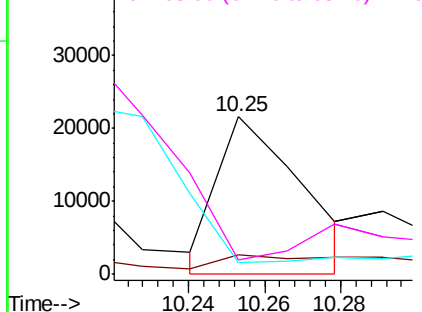
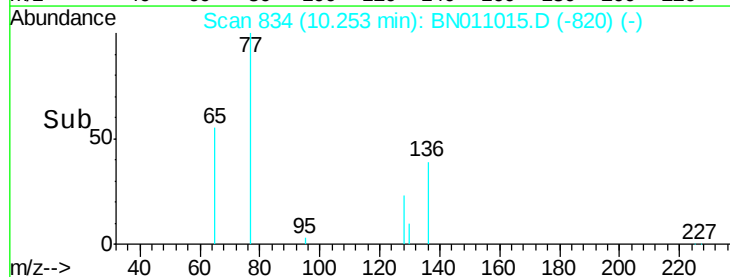
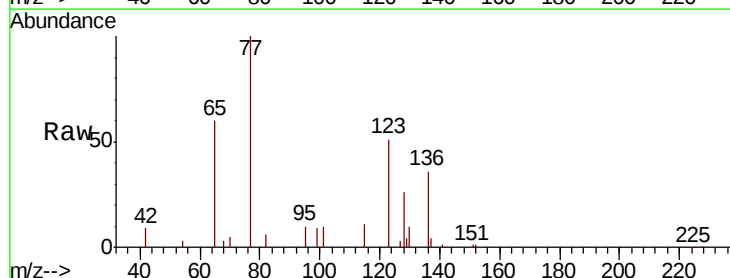
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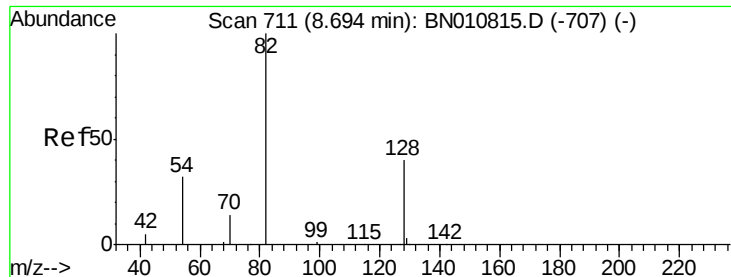
10000

0

10.25

Time-->





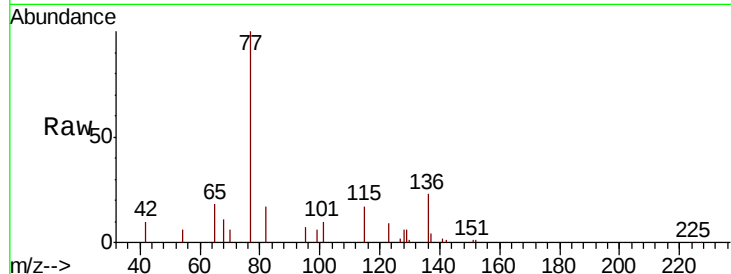
#8
Nitrobenzene-d5
Concen: 0.167 ng/ml
RT: 8.67 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	35.4	53.0
54	34.6	28.2	42.4

Manual Integrations
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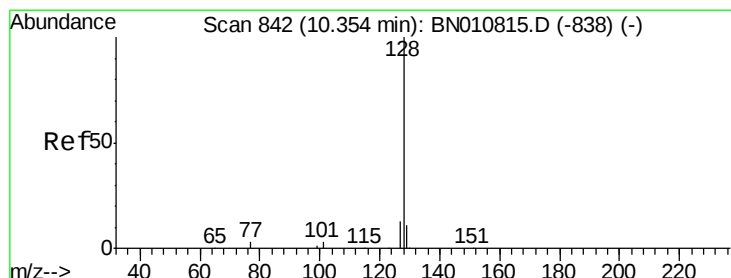
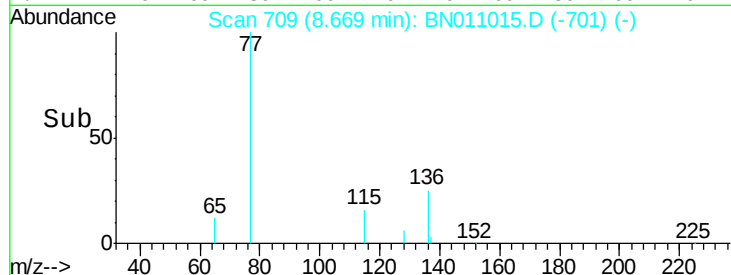
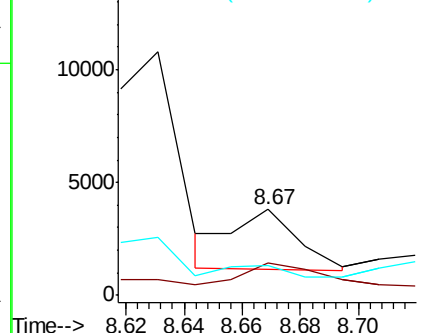


Abundance

Ion 82.00 (81.70 to 82.70): BN011015.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN011015.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN011015.D (-707) (-)



#9
Naphthalene
Concen: 15.362 ng/ml
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

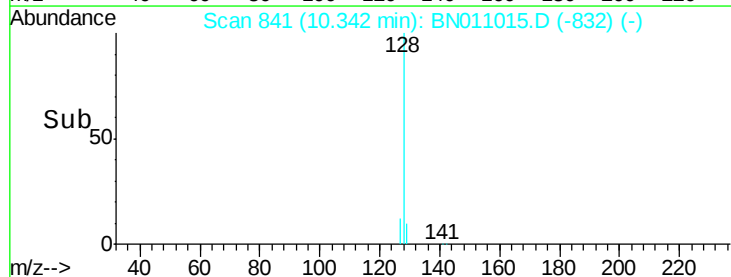
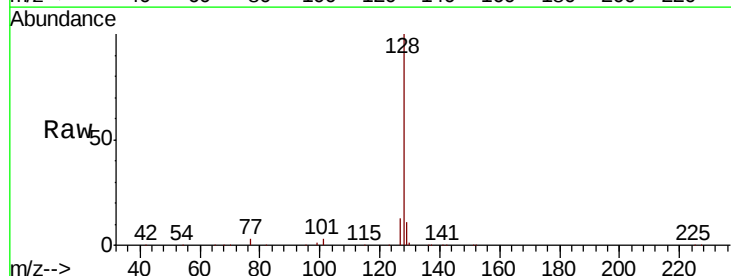
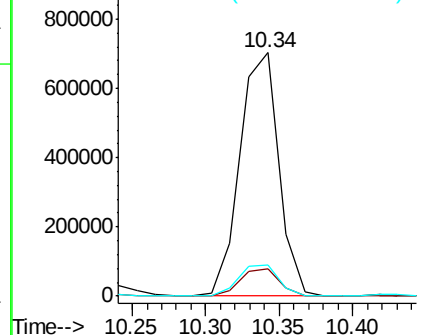
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	12.8	11.4	17.2

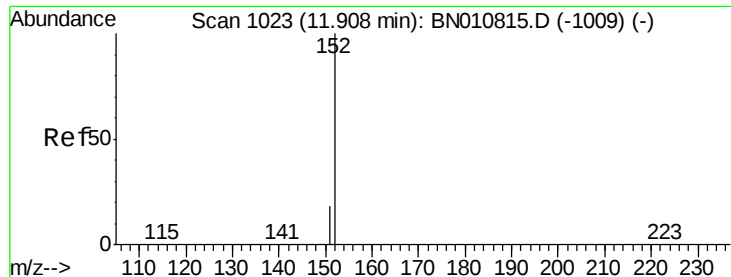
Abundance

Ion 128.00 (127.70 to 128.70): BN011015.D (-832) (-)

Ion 129.00 (128.70 to 129.70): BN011015.D (-832) (-)

Ion 127.00 (126.70 to 127.70): BN011015.D (-832) (-)





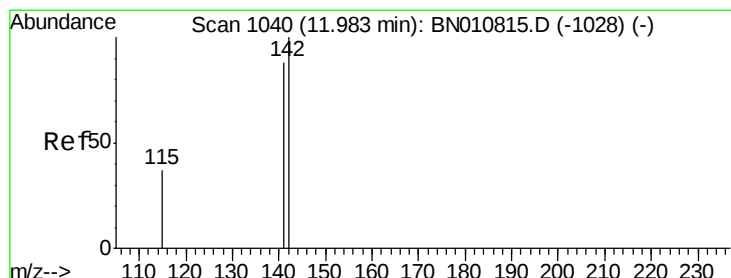
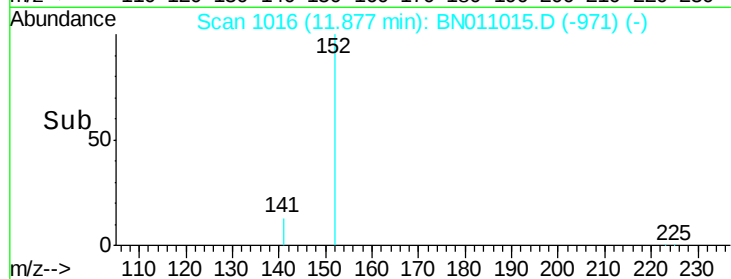
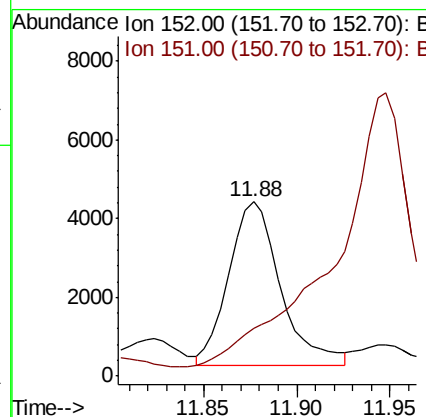
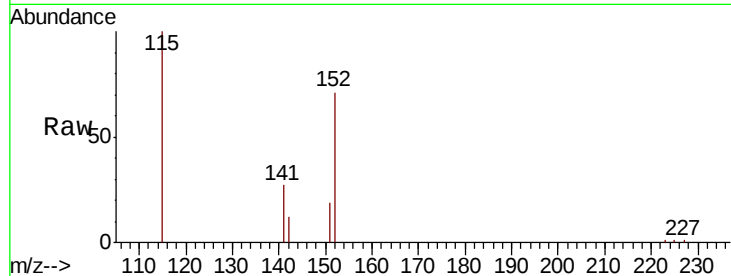
#11
2-Methylnaphthalene-d10
Concen: 0.155 ng/ml
RT: 11.88 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#

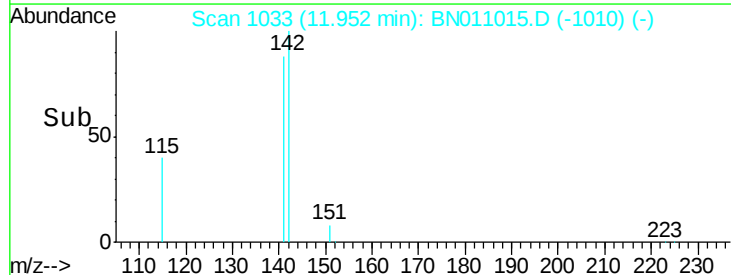
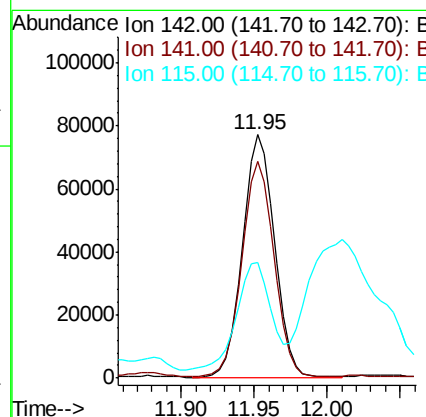
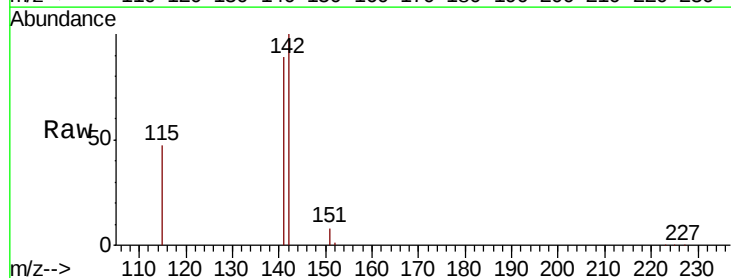
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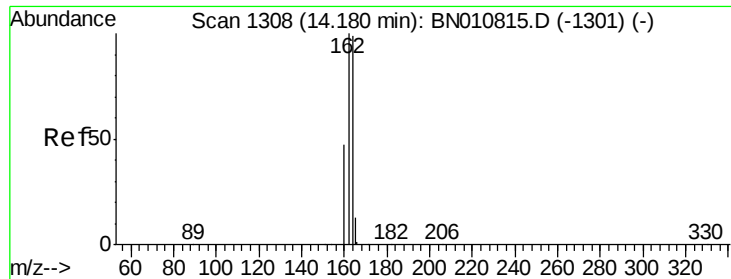
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#12
2-Methylnaphthalene
Concen: 2.127 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	47.4	31.5	47.3#





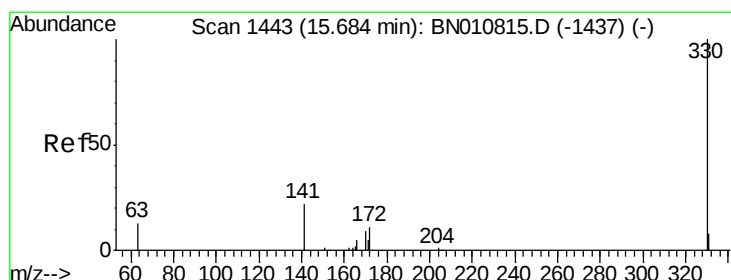
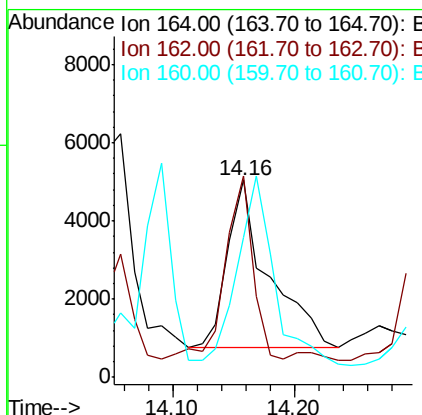
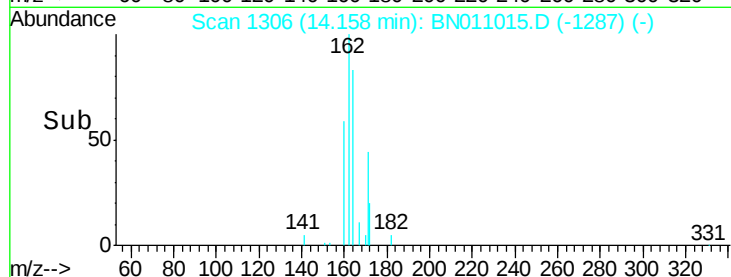
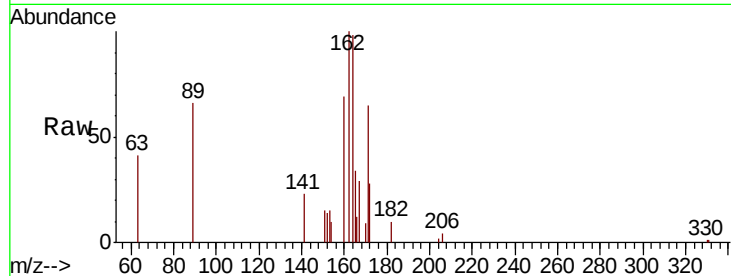
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion:164 Resp: 9935
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.6
160 70.8 38.9 58.3#

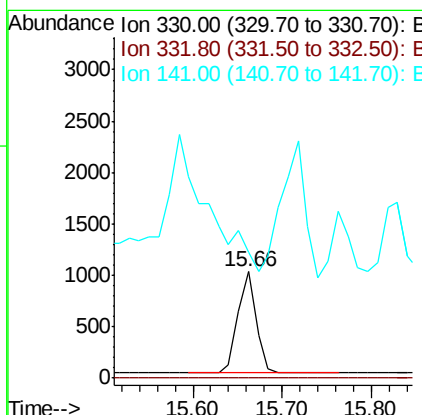
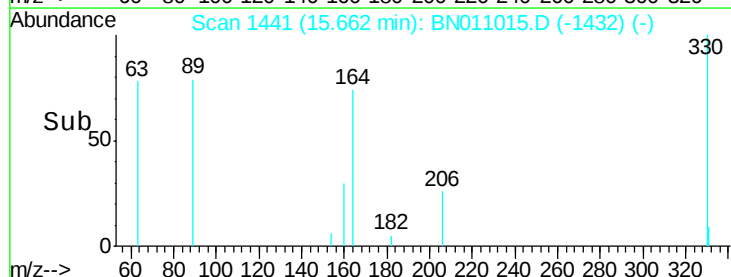
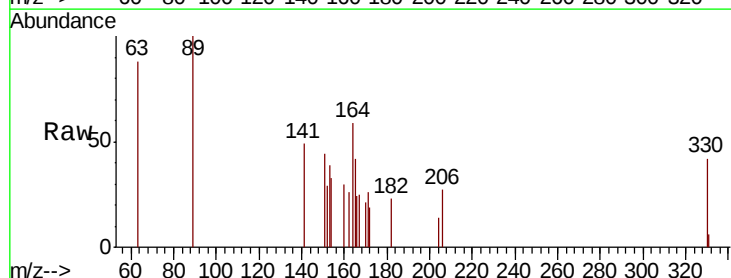
Manual Integrations
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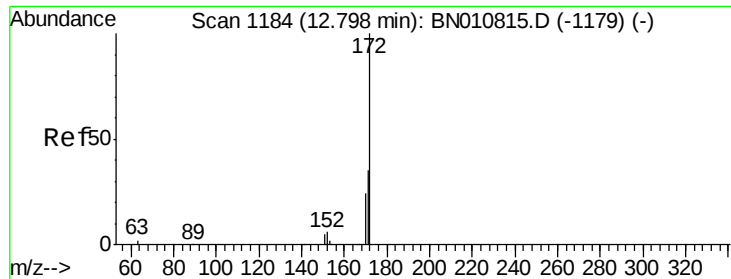
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#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion:330 Resp: 1412
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 33.2 49.8#





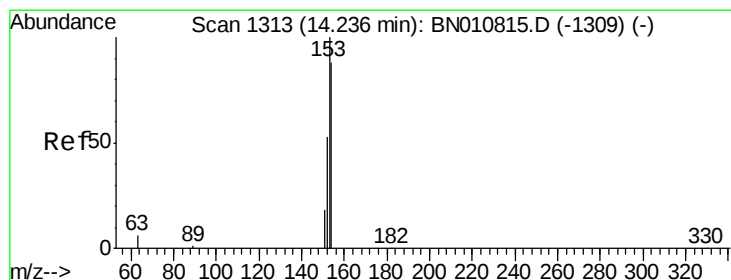
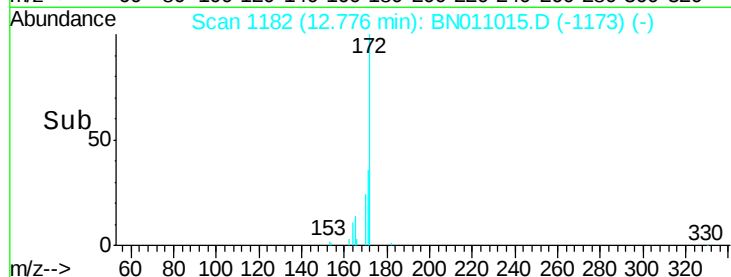
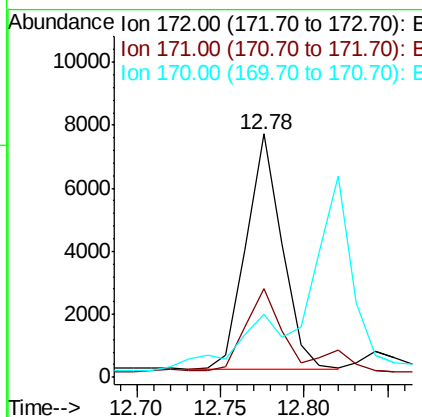
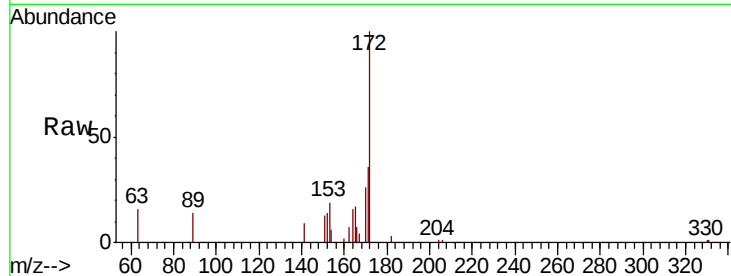
#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.78 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	26.0	19.7	29.5

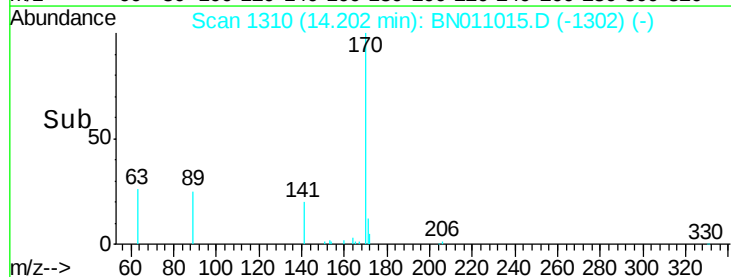
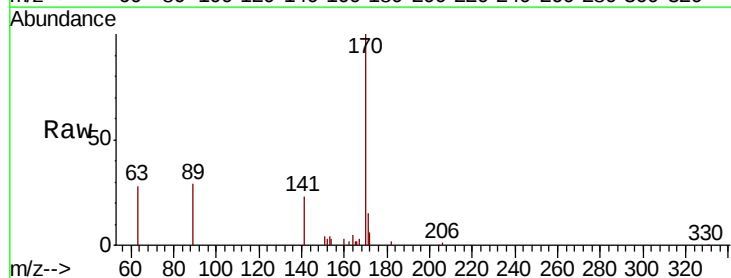
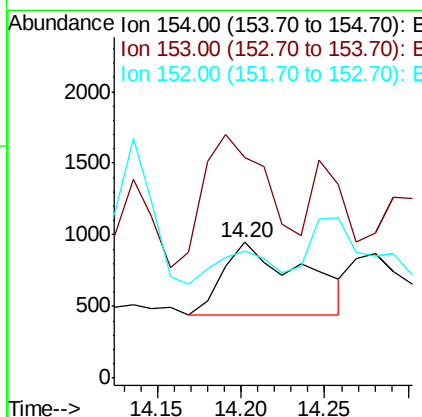
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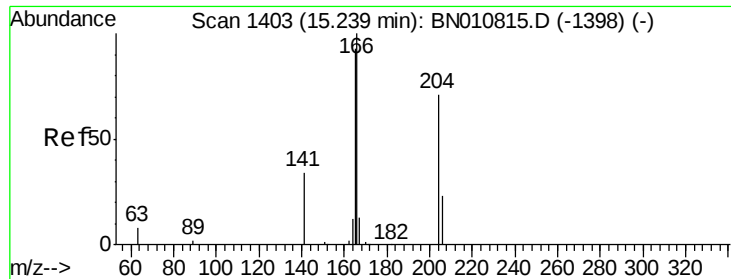
Sohil
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#17
Acenaphthene
Concen: 0.060 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	151.5	91.8	137.6#
152	31.9	47.6	71.4#





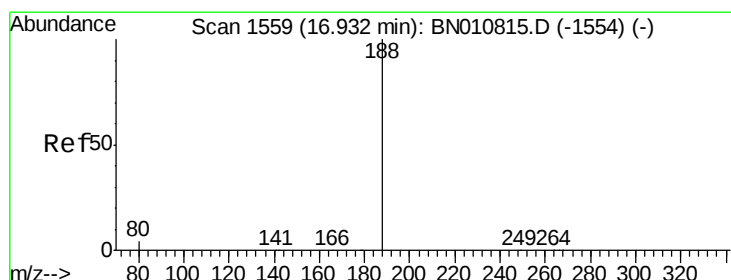
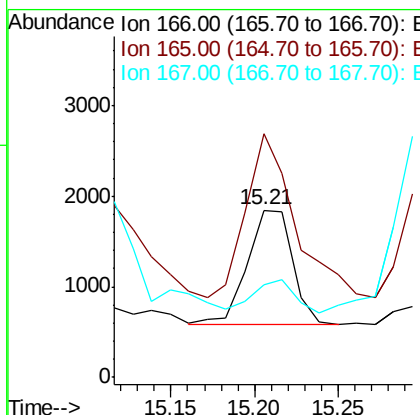
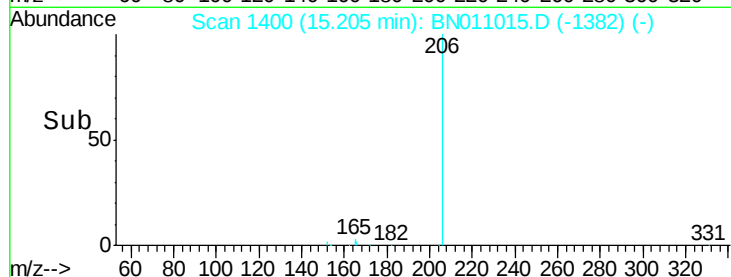
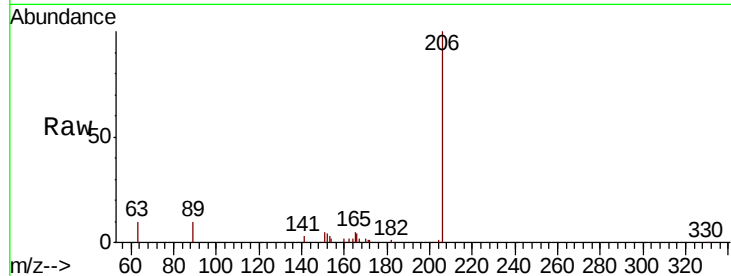
#18
Fluorene
 Concen: 0.067 ng
 RT: 15.21 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BN011015.D
 Acq: 22 Jun 2020 18:39

Instrument :
 BNA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
166	100		
165	152.9	77.2	115.8#
167	26.1	10.7	16.1#

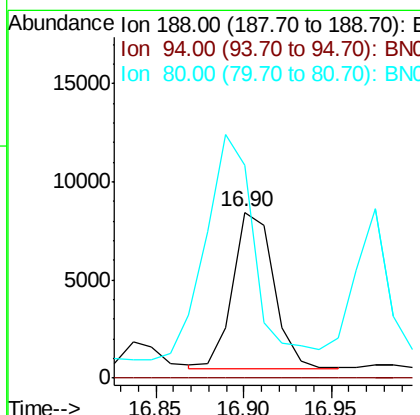
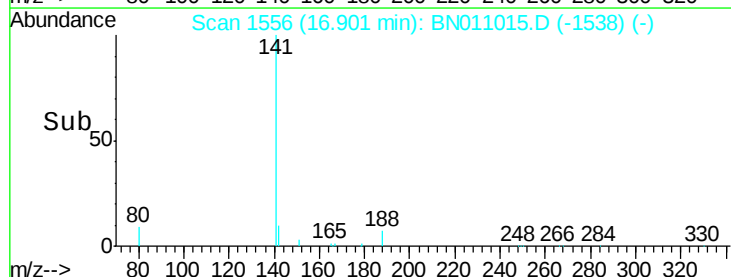
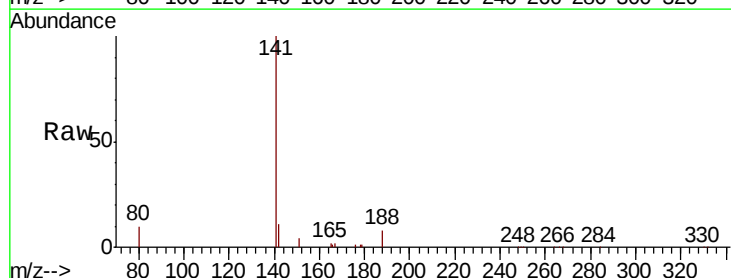
Manual Integrations
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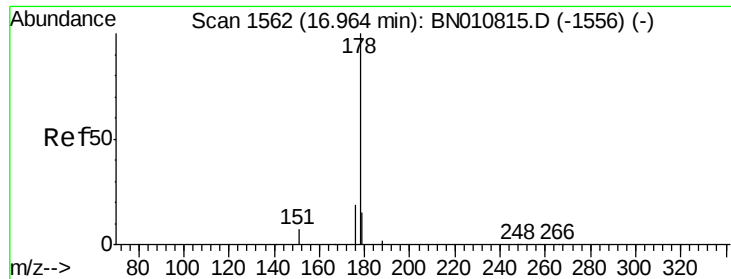
Sohil
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.90 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BN011015.D
 Acq: 22 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	128.6	4.5	6.7#





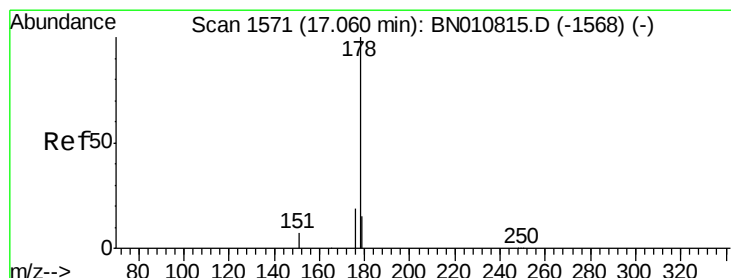
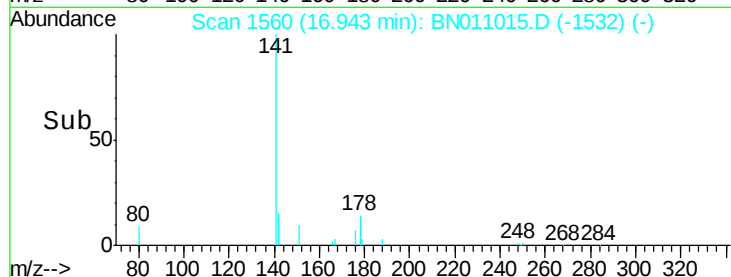
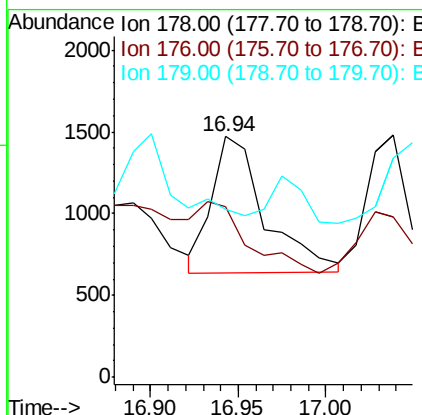
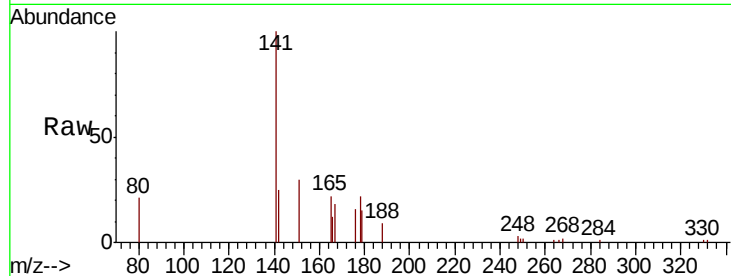
#23
Phenanthrene
Concen: 0.051 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.6	19.0#

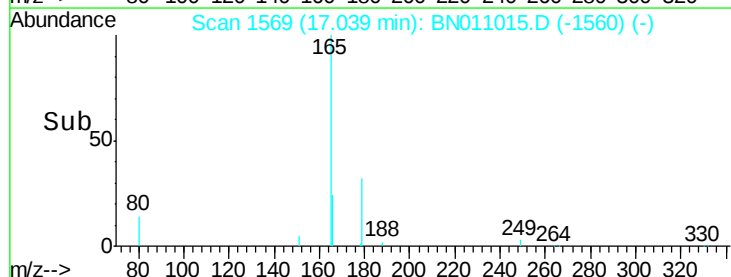
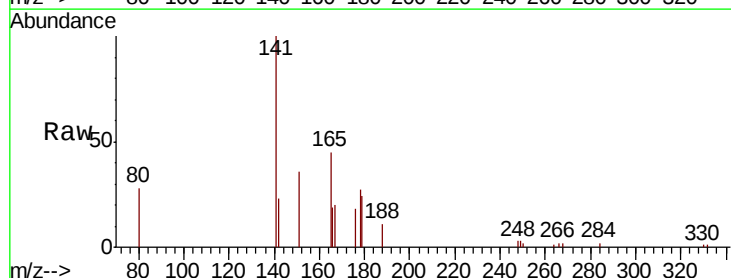
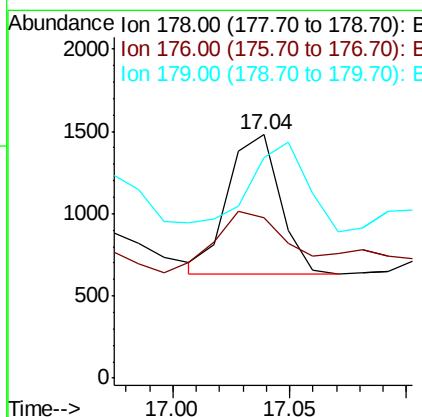
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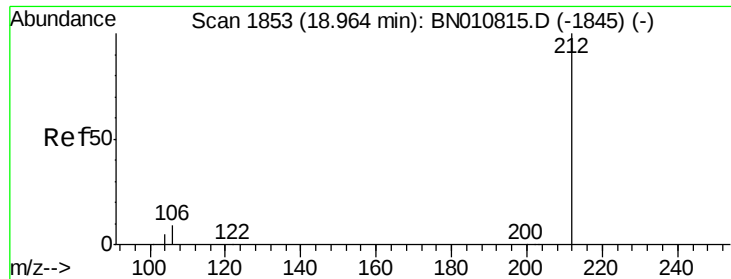
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#24
Anthracene
Concen: 0.045 ng
RT: 17.04 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BN011015.D
Acq: 22 Jun 2020 18:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	67.8	12.3	18.5#





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

Instrument :

BNA_N

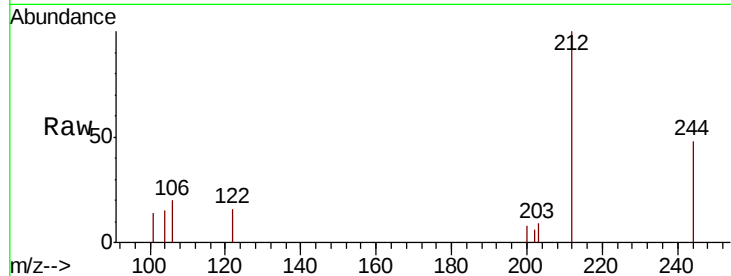
ClientSampleId :

KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
212	100		
106	15.5	6.6	10.0#
104	6.5	4.0	6.0#

Manual Integrations
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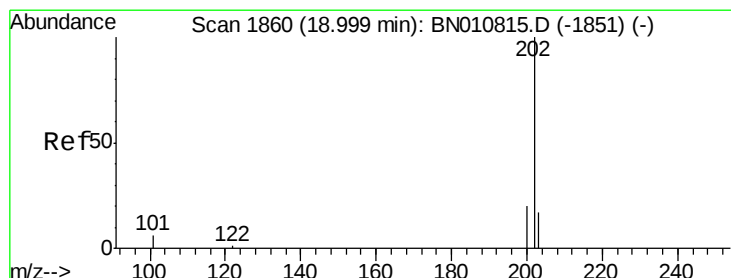
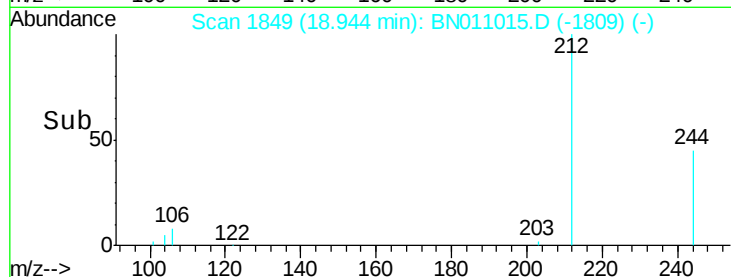
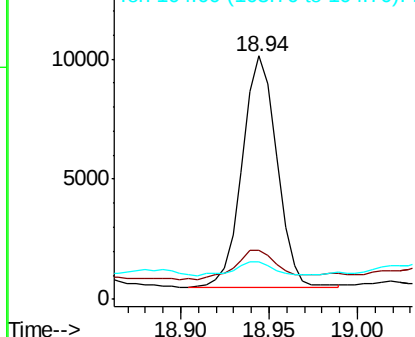


Abundance

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



#26

Fluoranthene

Concen: 0.026 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

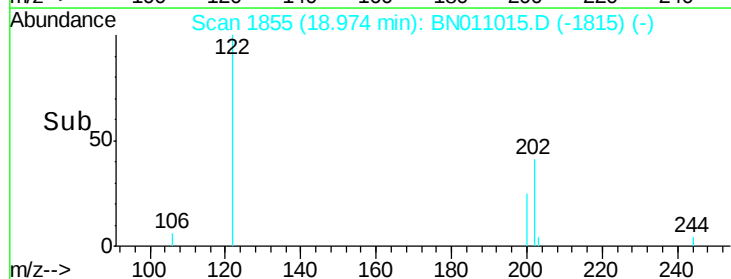
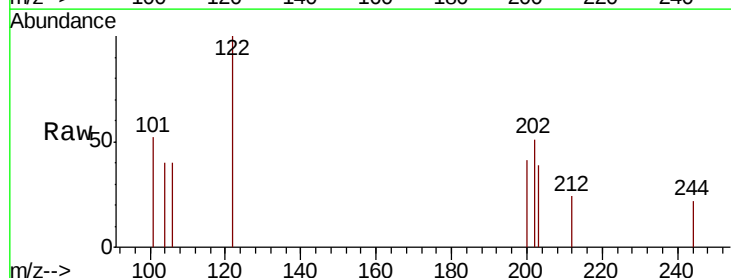
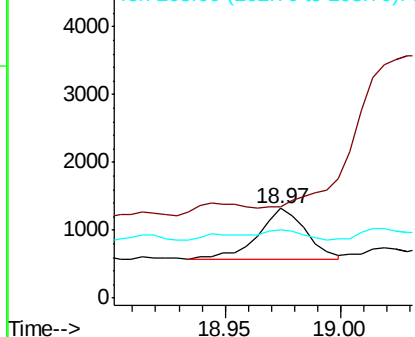
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.8	8.6#
203	18.1	13.7	20.5

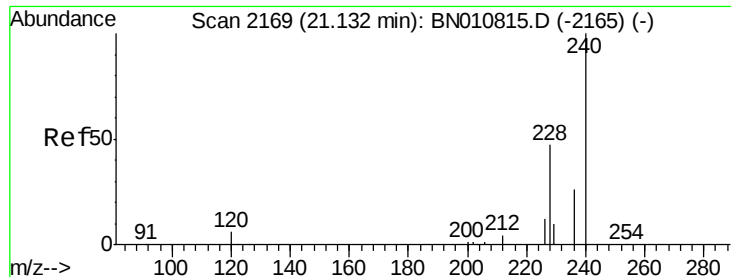
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

Instrument :

BNA_N

ClientSampleId :

KY032MW006-200616

Tot Ion:240 Resp: 10719

Ion Ratio Lower Upper

240 100

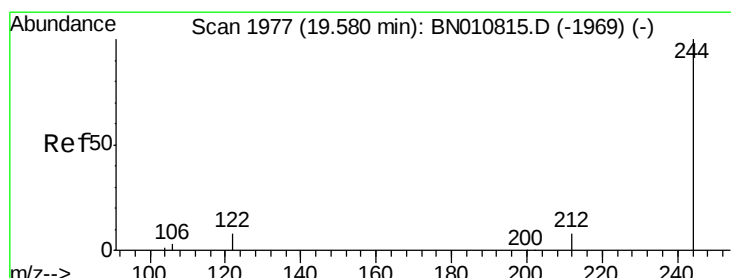
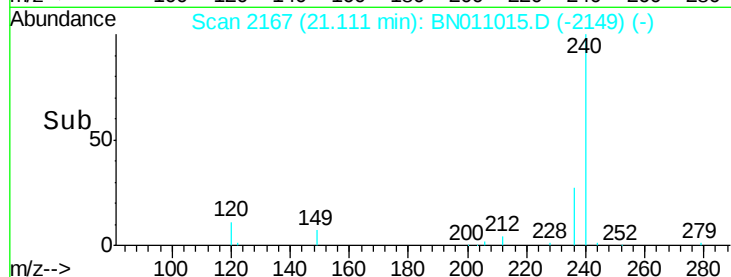
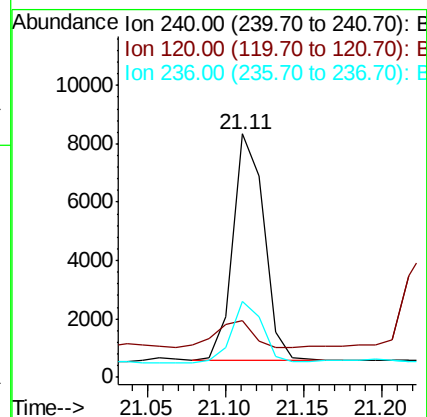
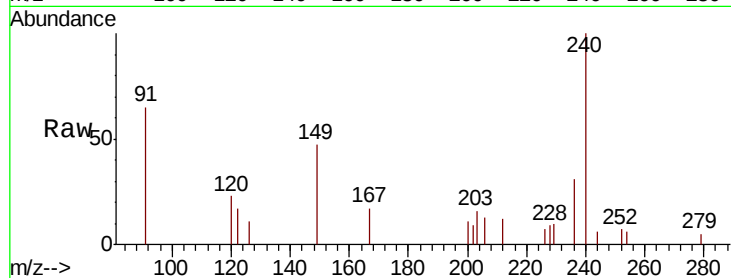
120 23.4 7.5 11.3#

236 31.3 22.3 33.5

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#29

Terphenyl-d14

Concen: 0.550 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

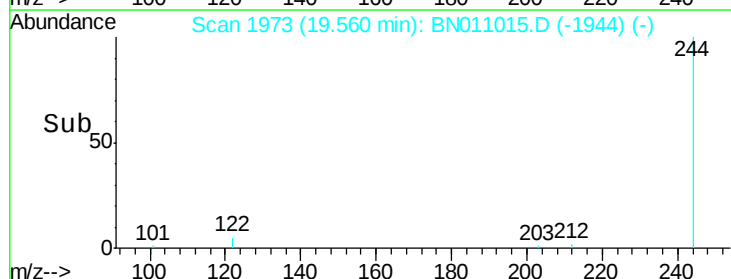
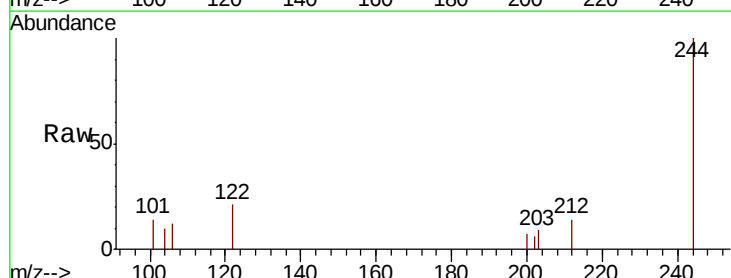
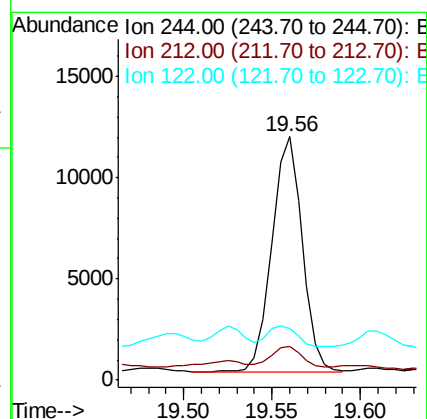
Tgt Ion:244 Resp: 13811

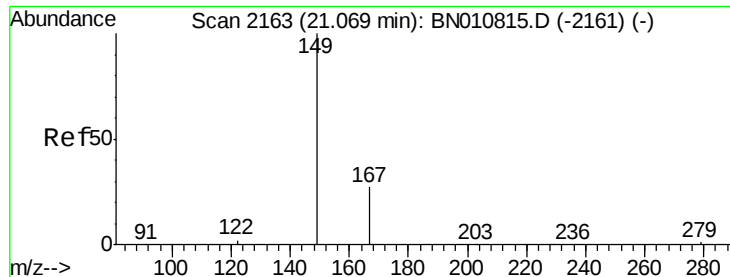
Ion Ratio Lower Upper

244 100

212 13.7 7.4 11.2#

122 21.3 7.5 11.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.635 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

Instrument :

BNA_N

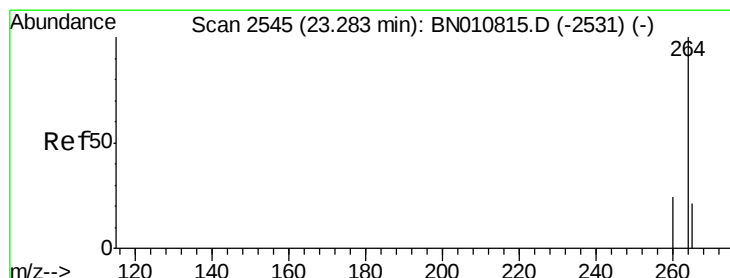
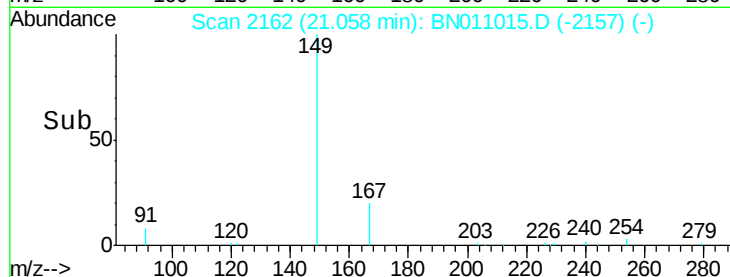
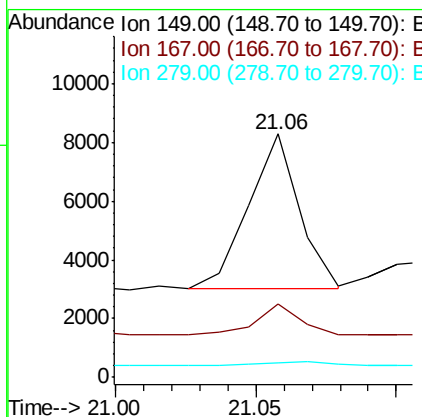
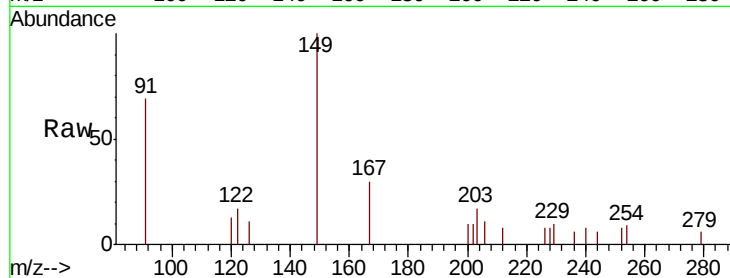
ClientSampleId :

KY032MW006-200616

Tot Ion:149 Resp: 6673
 Ion Ratio Lower Upper
 149 100
 167 17.8 24.1 36.1#
 279 2.8 4.6 7.0#

Manual Integrations
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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN011015.D

Acq: 22 Jun 2020 18:39

Tgt Ion:264 Resp: 13945
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 70.2 75.0 112.4#

