

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011017.D
 Acq On : 22 Jun 2020 19:51
 Operator : CG/JU
 Sample : L3033-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 Z1-DUP-0572-200616

Manual Integrations
 APPROVED

Sohil
 6/23/2020 2:12:23 PM

Quant Time: Jun 23 13:16:57 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	7.49	152	45257m	0.40	ng	-0.04
7) Naphthalene-d8	10.27	136	31717m	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	7031m	0.40	ng	0.01
19) Phenanthrene-d10	16.90	188	11977m	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11456m	0.40	ng	-0.01
34) Perylene-d12	23.26	264	12107m	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2123	0.02	ng	0.02
5) Phenol-d6	6.75	99	3838	0.04	ng	0.02
8) Nitrobenzene-d5	8.67	82	21086m	0.90	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	7467m	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	1491	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	10463m	0.38	ng	0.00
25) Fluoranthene-d10	18.94	212	13333m	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	13710m	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	10484170	236.506	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	6.99	93	2965232	29.550	ng	96
9) Naphthalene	10.34	128	1395556	17.508	ng	97
12) 2-Methylnaphthalene	11.95	142	127490	2.390	ng	# 94
26) Fluoranthene	18.97	202	841m	0.023	ng	
32) Bis(2-ethylhexyl)phthalate	21.06	149	8471m	0.755	ng	

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

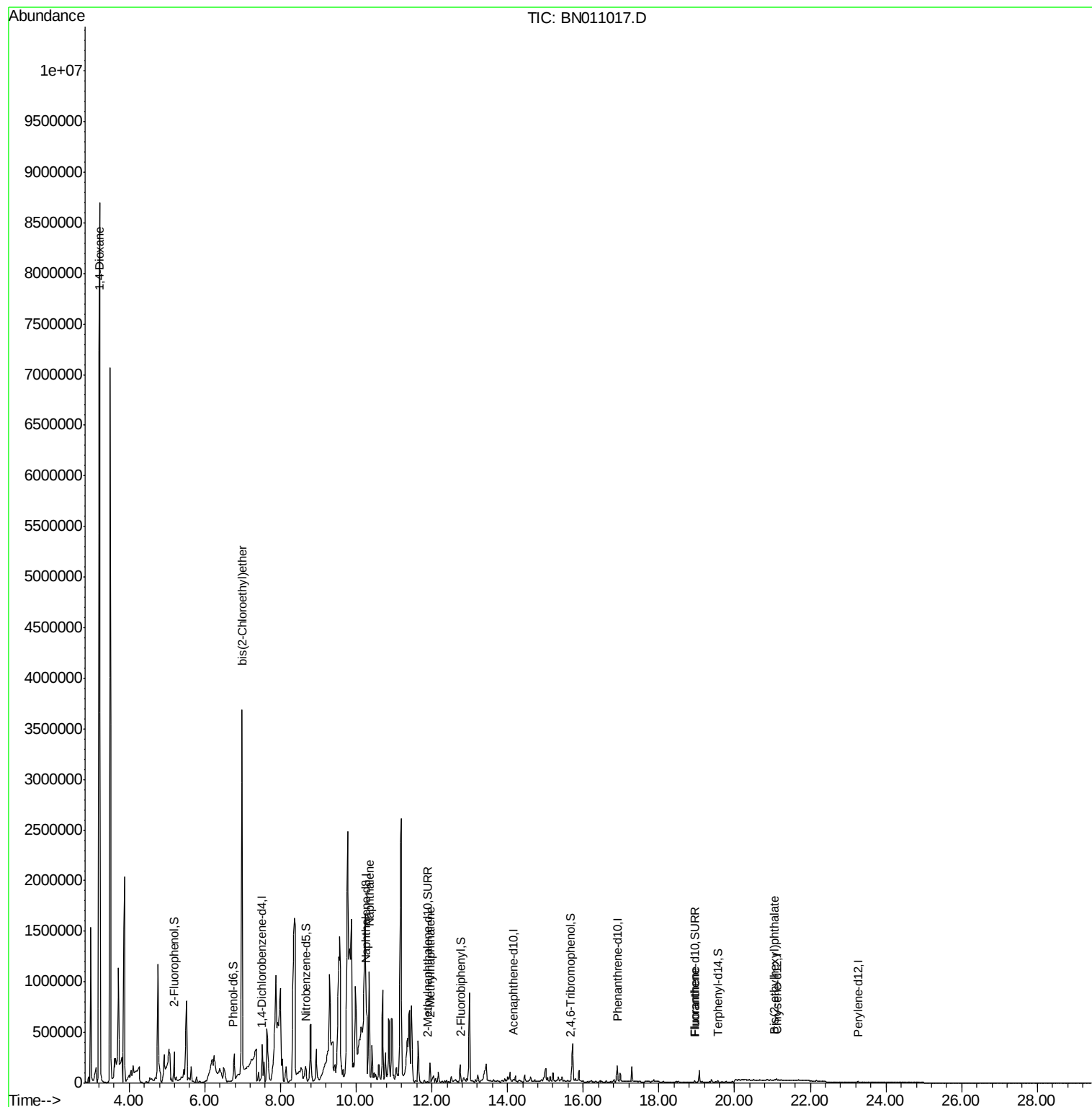
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011017.D
Acq On : 22 Jun 2020 19:51
Operator : CG/JU
Sample : L3033-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM

Quant Time: Jun 23 13:16:57 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





#1

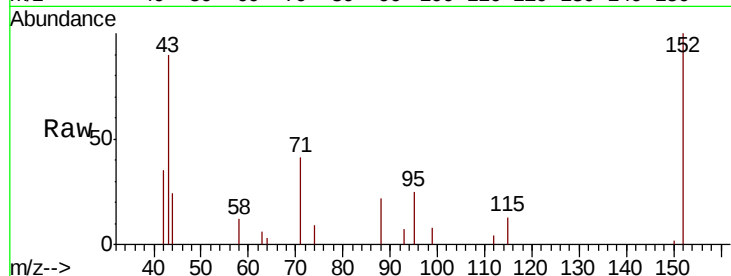
1,4-Dichlorobenzene-d4
Concen: 0.400 ng/ml
RT: 7.49 min Scan# 579
Delta R.T. -0.04 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	1.9	123.8	185.6#
115	13.3	49.2	73.8#

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM

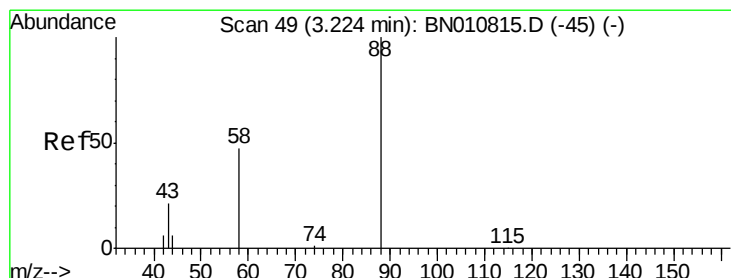
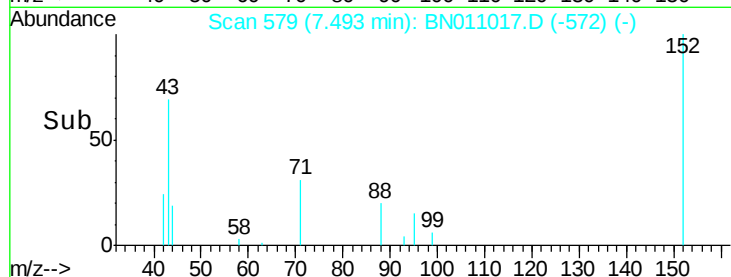
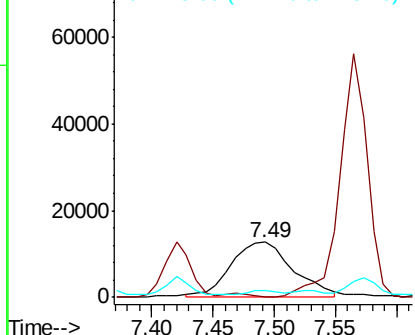


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

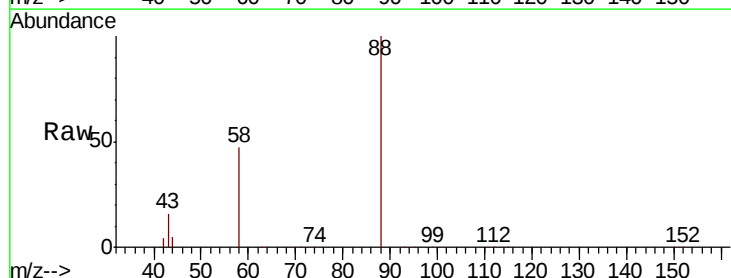
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 236.506 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	49.3	38.2	57.4
43	17.1	15.1	22.7

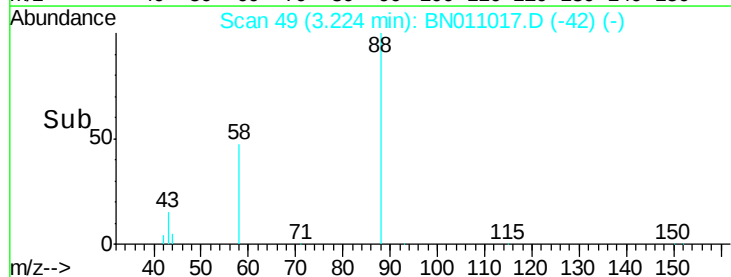
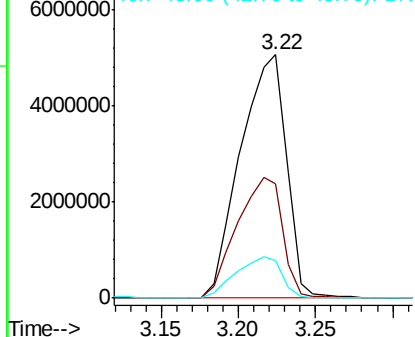


Abundance

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: 0.024 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.02 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Instrument :

BNA_N

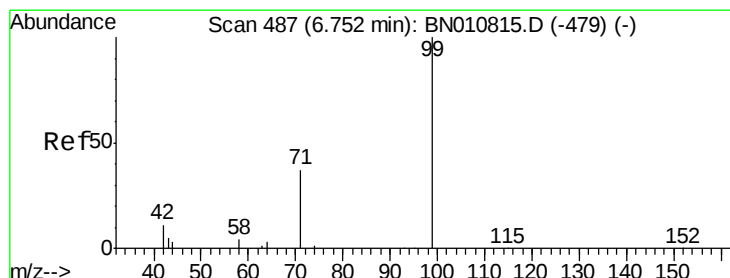
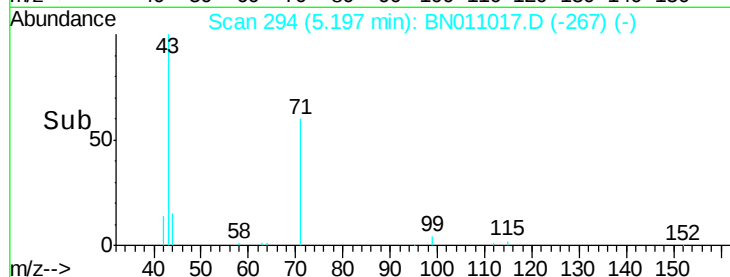
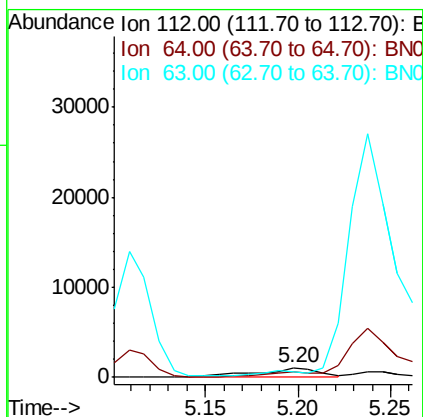
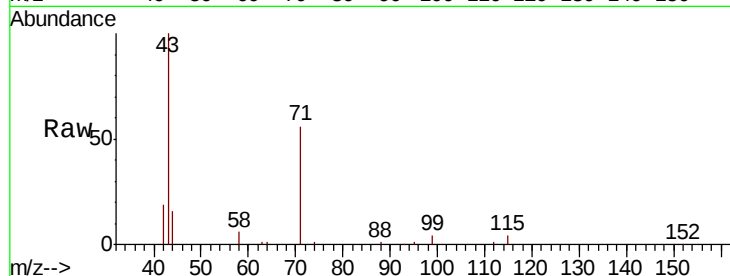
ClientSampleId :

Z1-DUP-0572-200616

Tot Ion:	112	Resp:	2123
Ion Ratio	Lower	Upper	
112	100		
64	0.0	37.4	56.0#
63	0.0	22.2	33.4#

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM



#5

Phenol-d6

Concen: 0.037 ng

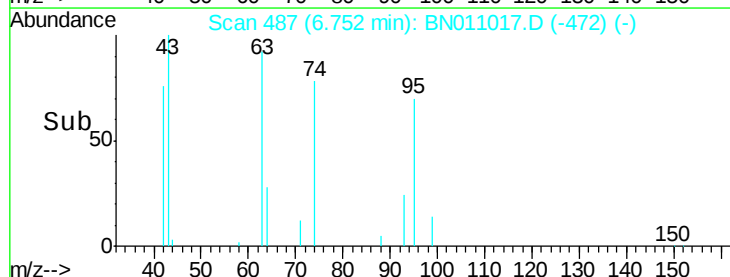
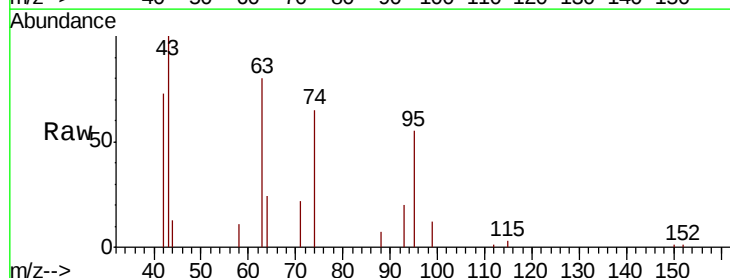
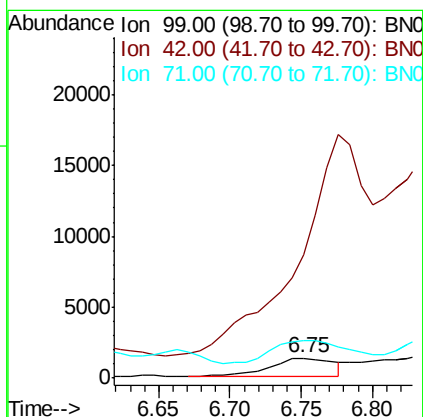
RT: 6.75 min Scan# 487

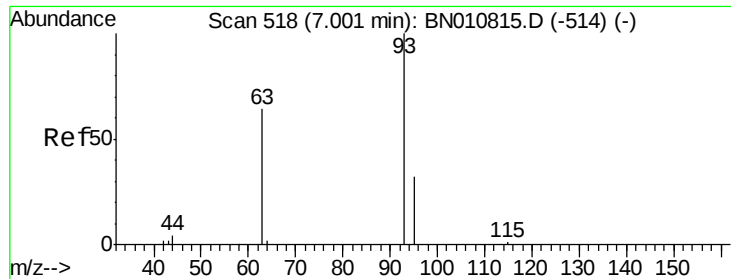
Delta R.T. 0.02 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Tgt Ion:	99	Resp:	3838
Ion Ratio	Lower	Upper	
99	100		
42	0.0	11.1	16.7#
71	156.9	31.4	47.2#





#6

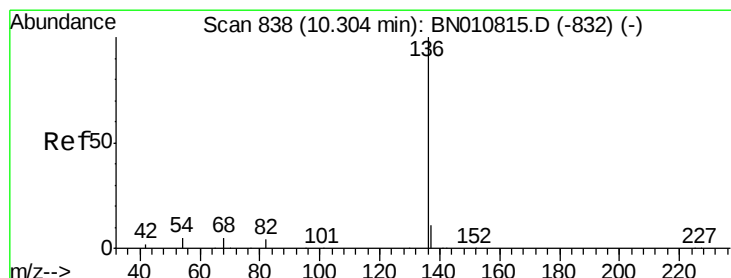
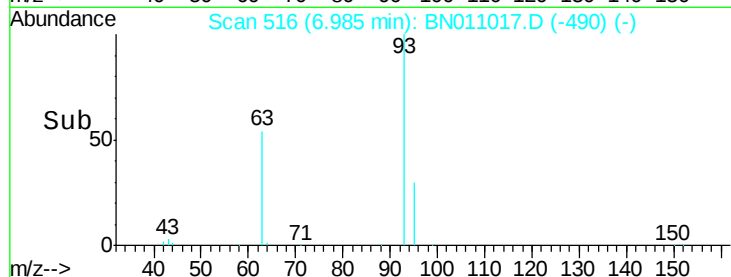
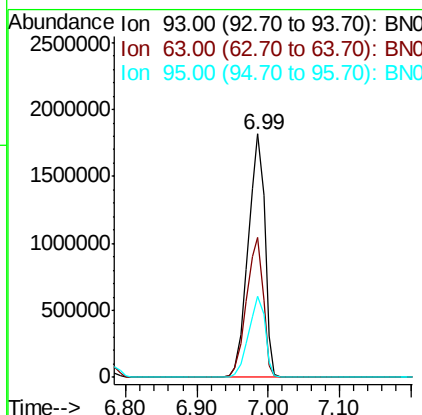
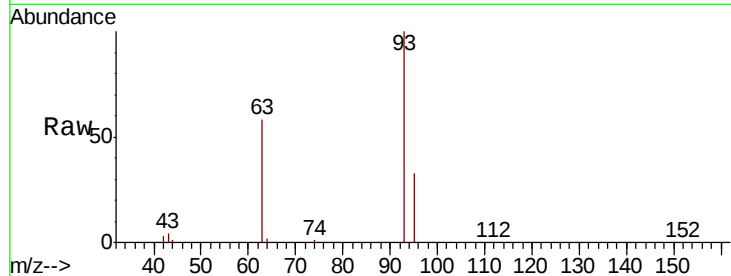
bis(2-Chloroethyl)ether
Concen: 29.550 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
93	100		
63	57.6	49.4	74.2
95	33.1	26.7	40.1

Manual Integrations
APPROVED

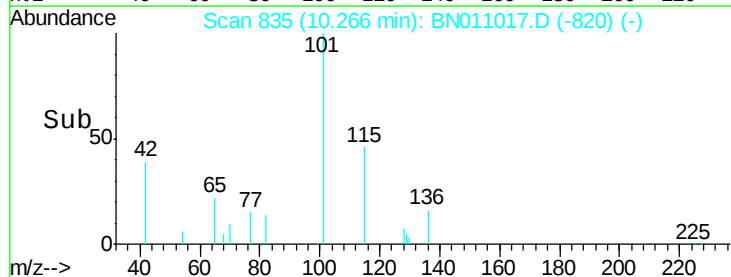
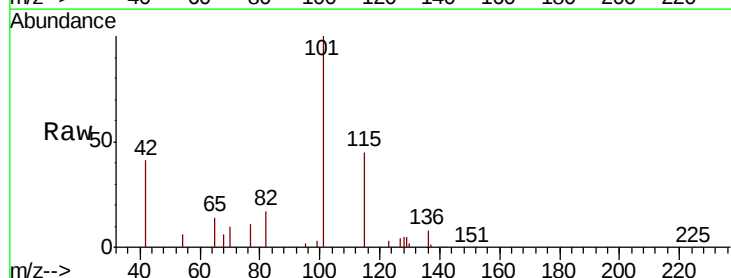
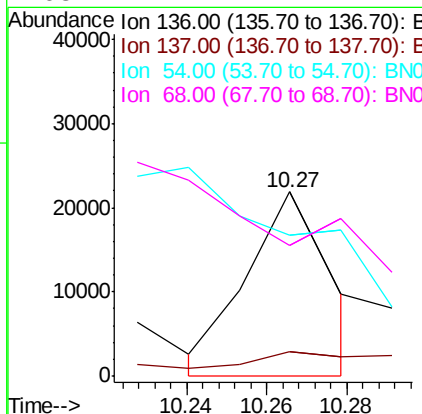
Sohil
6/23/2020 2:12:23 PM

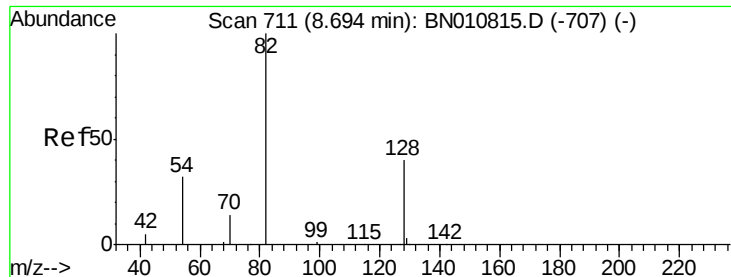


#7

Naphthalene-d8
Concen: 0.400 ng m
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.7	14.5
54	76.9	4.9	7.3#
68	71.2	4.7	7.1#





#8

Nitrobenzene-d5

Concen: 0.898 ng/ml

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Instrument :

BNA_N

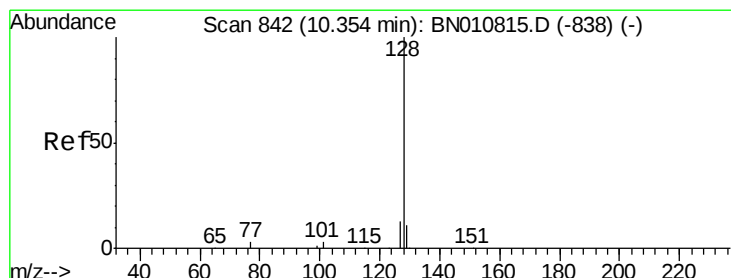
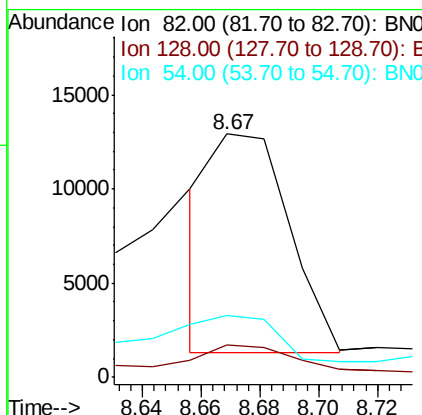
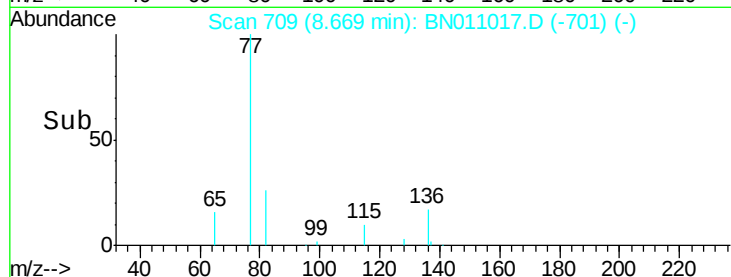
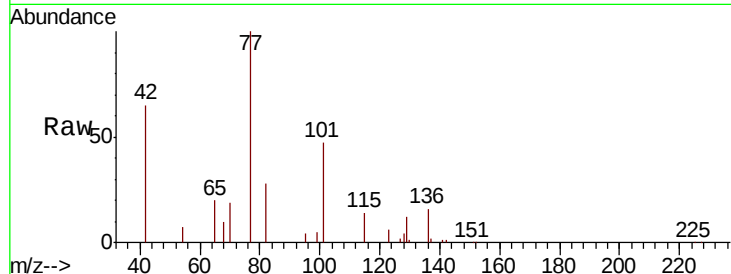
ClientSampleId :

Z1-DUP-0572-200616

Tot Ion:	82	Resp:	21086
Ion Ratio	Lower	Upper	
82	100		
128	13.5	35.4	53.0#
54	25.4	28.2	42.4#

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM



#9

Naphthalene

Concen: 17.508 ng/ml

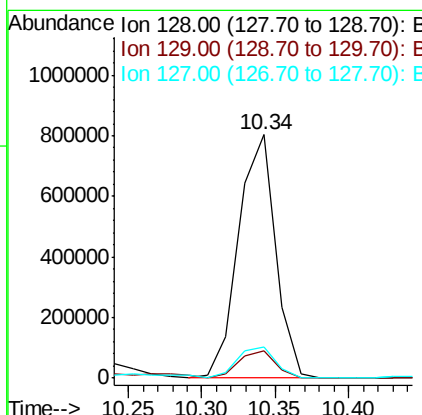
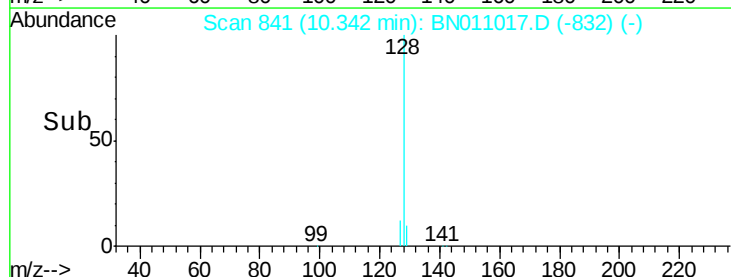
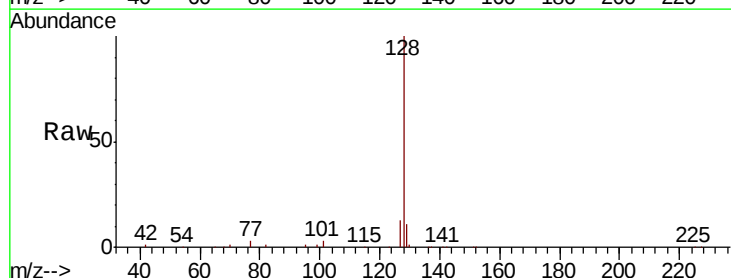
RT: 10.34 min Scan# 841

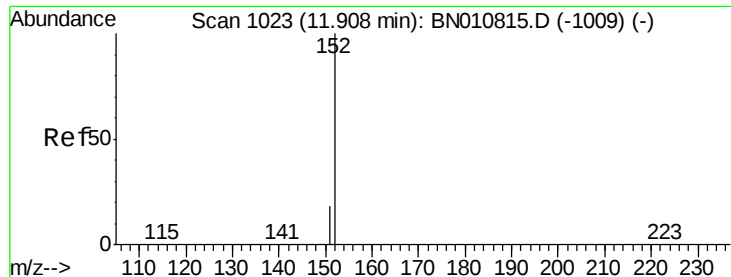
Delta R.T. 0.01 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Tgt Ion:	128	Resp:	1395556
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.6	14.4
127	12.9	11.4	17.2





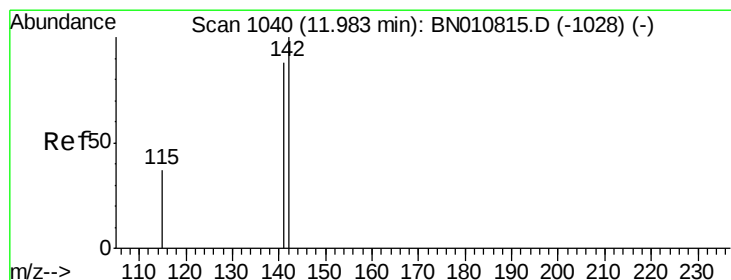
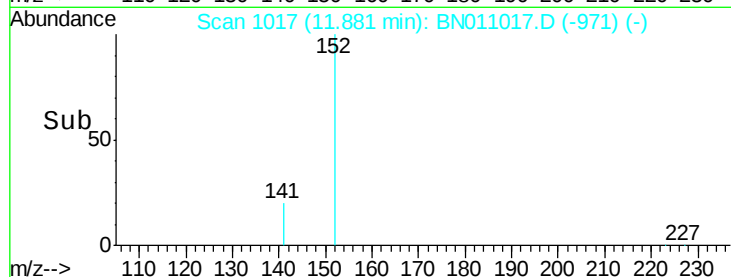
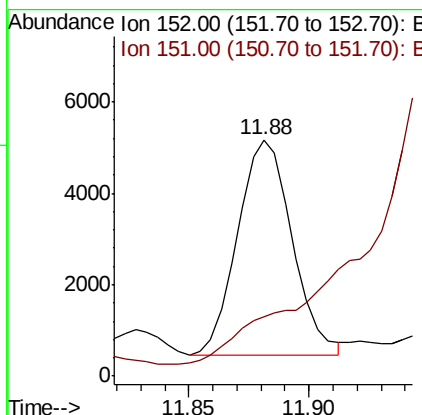
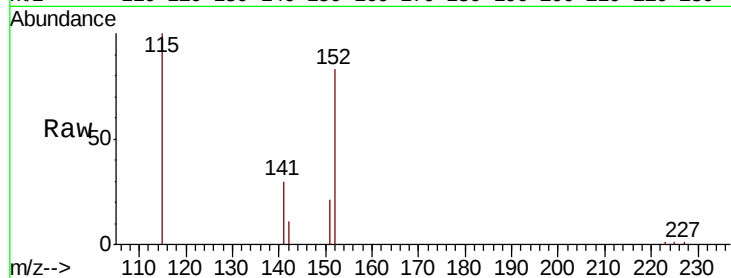
#11
2-Methylnaphthalene-d10
Concen: 0.152 ng/ml
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

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

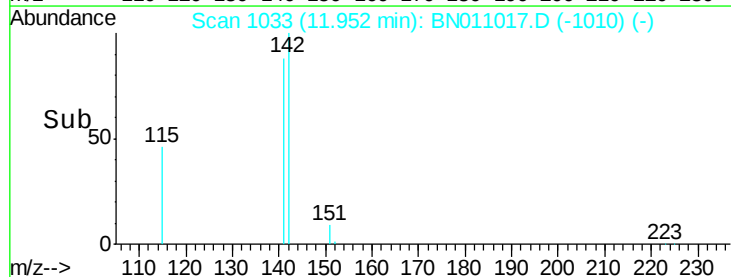
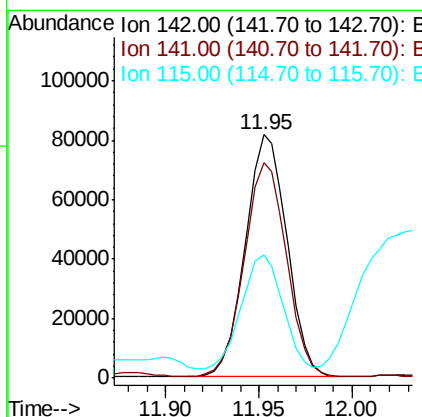
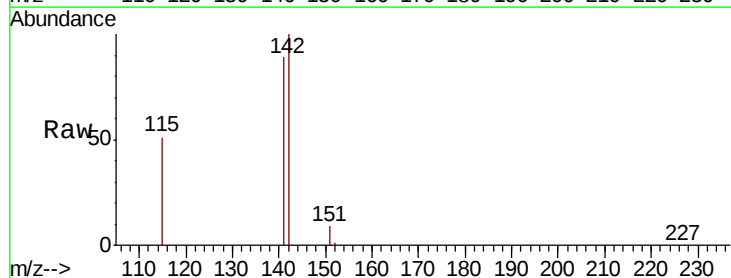
Manual Integrations
APPROVED

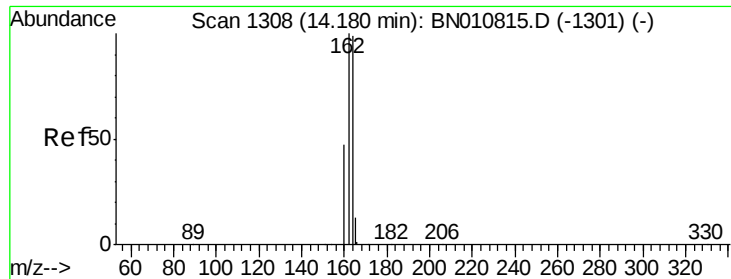
Sohil
6/23/2020 2:12:23 PM



#12
2-Methylnaphthalene
Concen: 2.390 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	50.7	31.5	47.3#





#13

Acenaphthene-d10

Concen: 0.400 ng/mL

RT: 14.16 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Instrument :

BNA_N

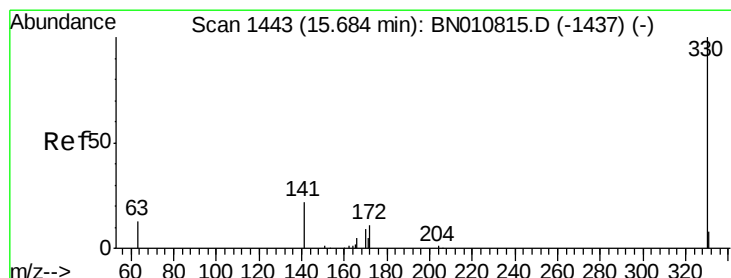
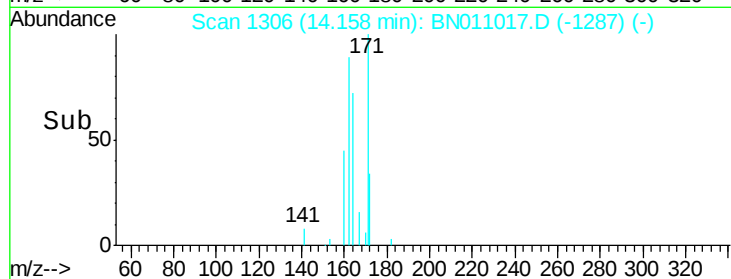
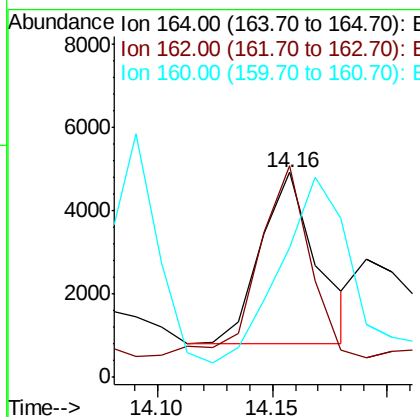
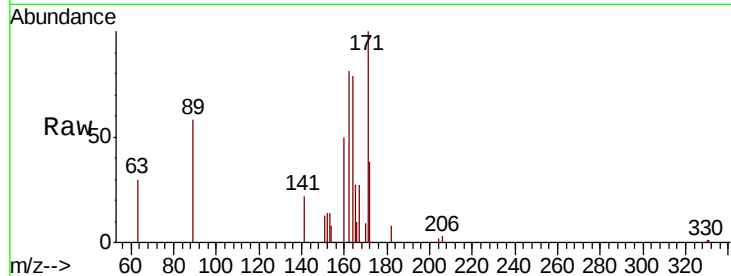
ClientSampleId :

Z1-DUP-0572-200616

Tot Ion:	164	Resp:	7031
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.0	121.6
160	63.3	38.9	58.3

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM



#14

2,4,6-Tribromophenol

Concen: 0.593 ng/mL

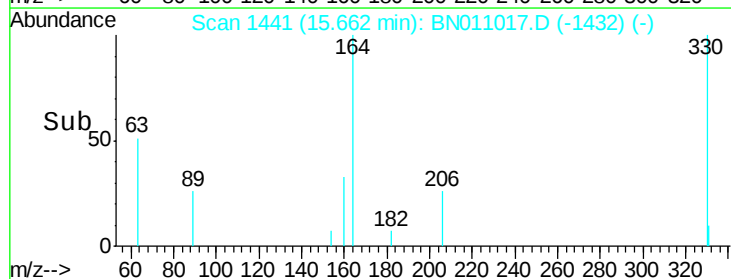
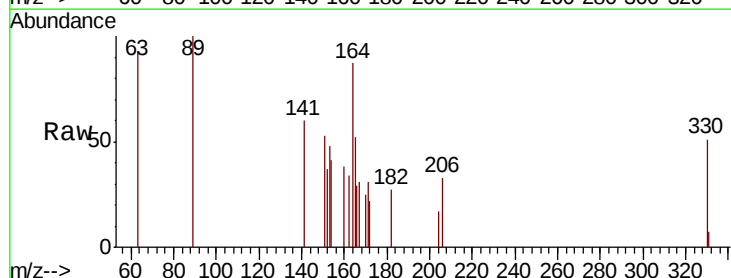
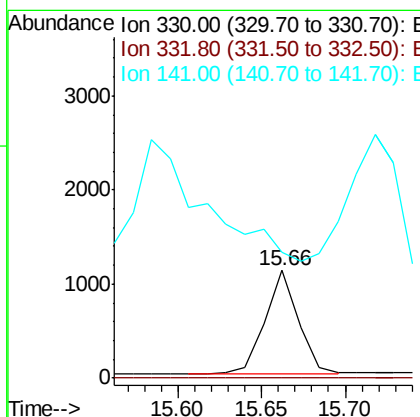
RT: 15.66 min Scan# 1441

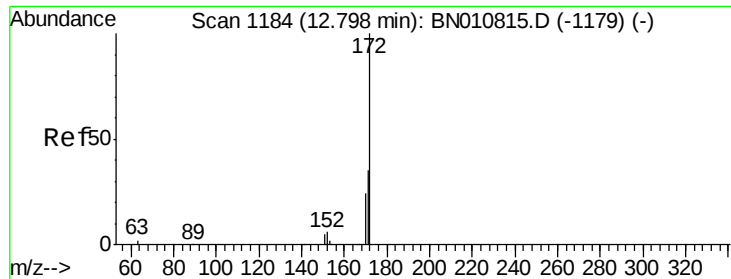
Delta R.T. 0.00 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Tgt Ion:	330	Resp:	1491
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	0.0	33.2	49.8





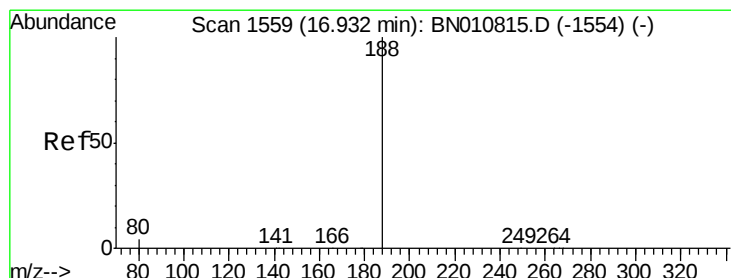
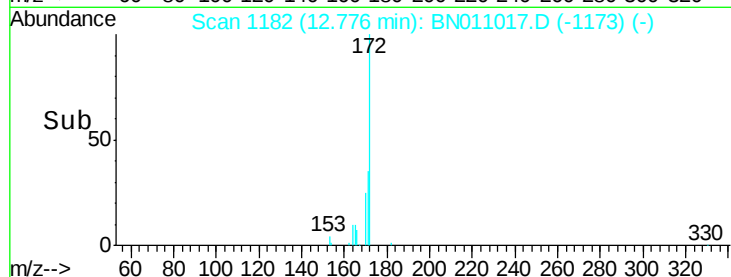
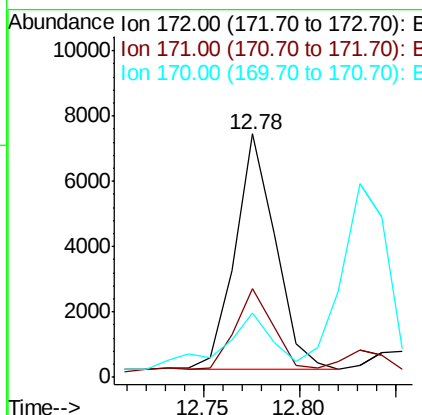
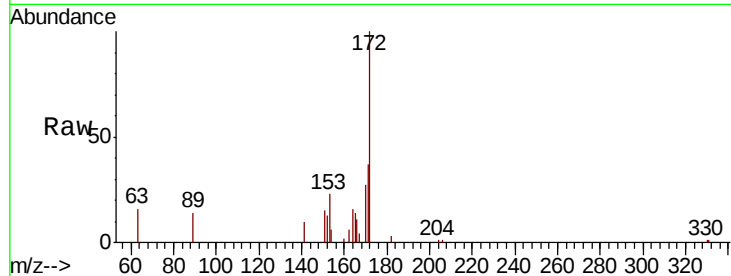
#15
2-Fluorobiphenyl
Concen: 0.377 ng m
RT: 12.78 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	26.6	19.7	29.5

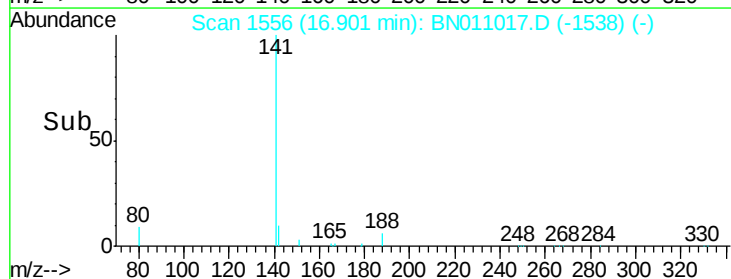
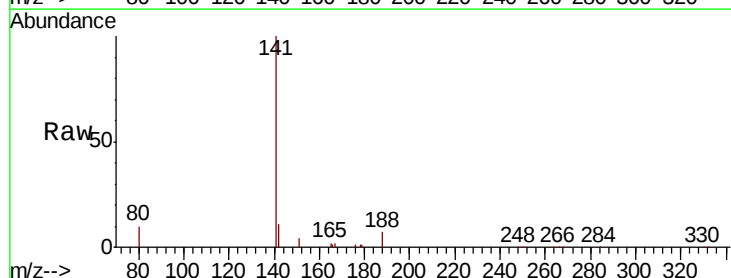
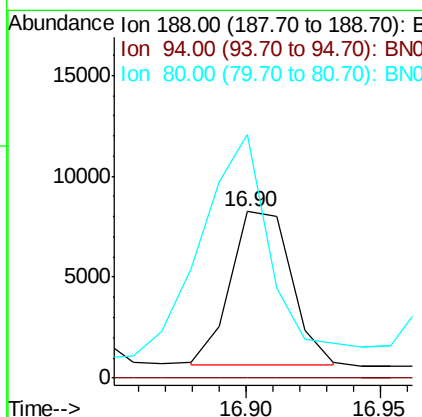
Manual Integrations
APPROVED

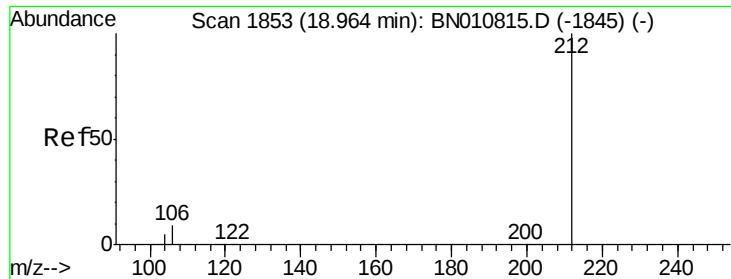
Sohil
6/23/2020 2:12:23 PM



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	146.2	4.5	6.7#





#25

Fluoranthene-d10

Concen: 0.403 ng m

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Instrument :

BNA_N

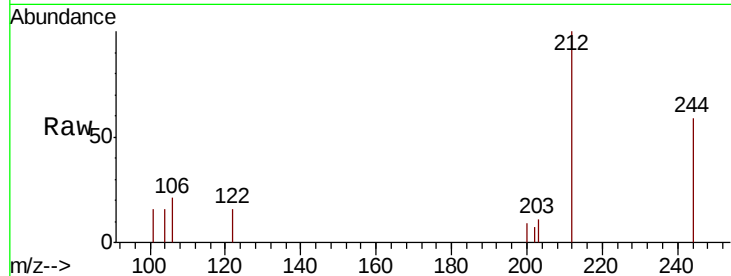
ClientSampleId :

Z1-DUP-0572-200616

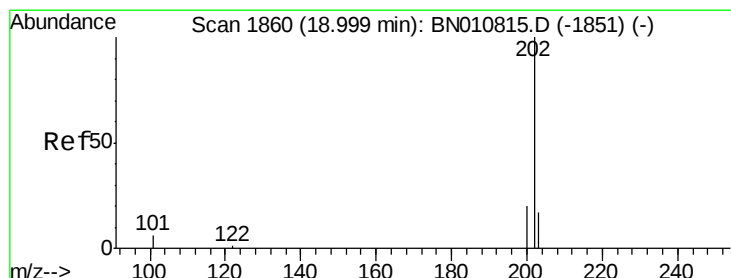
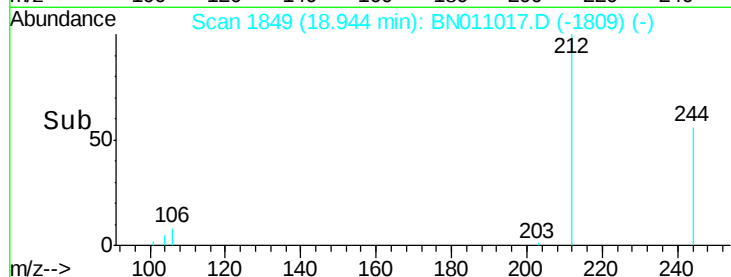
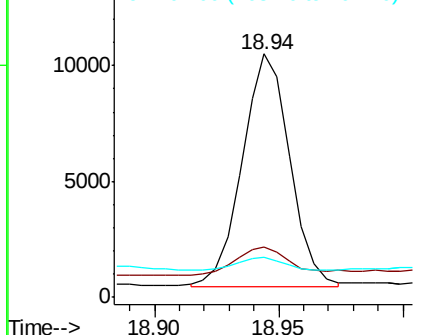
Tot Ion:	212	Resp:	13333
Ion Ratio	Lower	Upper	
212	100		
106	8.0	6.6	10.0
104	2.3	4.0	6.0

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM



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: 0.023 ng m

RT: 18.97 min Scan# 1855

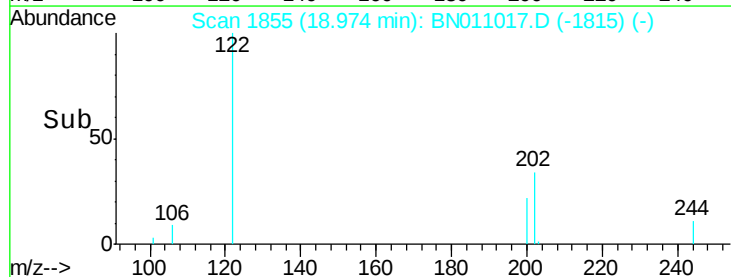
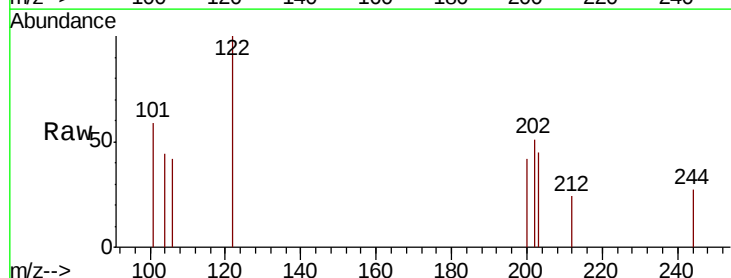
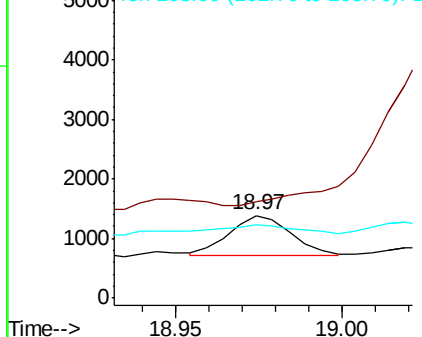
Delta R.T. 0.00 min

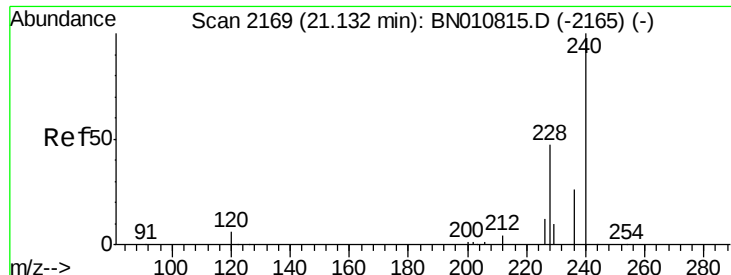
Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Tgt Ion:	202	Resp:	841
Ion Ratio	Lower	Upper	
202	100		
101	34.5	5.8	8.6
203	19.1	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/mL

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Instrument :

BNA_N

ClientSampleId :

Z1-DUP-0572-200616

Tot Ion: 240 Resp: 11456

Ion Ratio Lower Upper

240 100

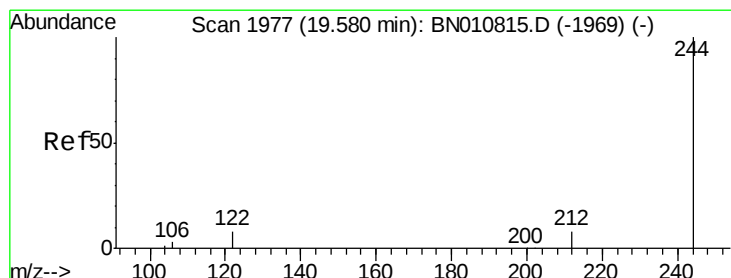
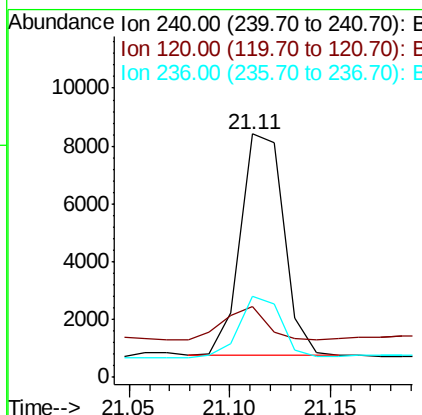
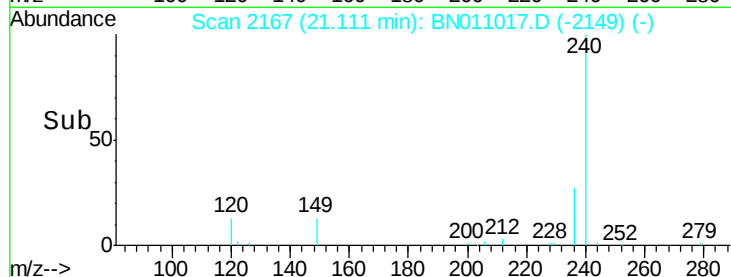
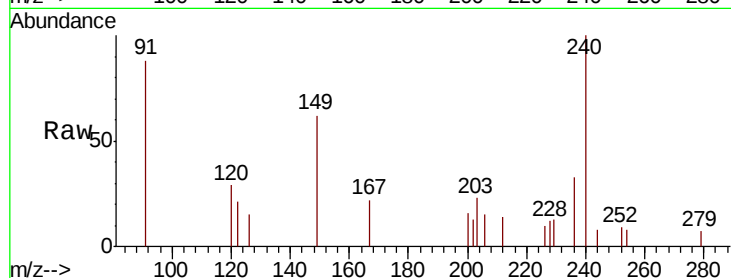
120 28.9 7.5 11.3#

236 33.4 22.3 33.5

Manual Integrations
APPROVED

Sohil

6/23/2020 2:12:23 PM



#29

Terphenyl-d14

Concen: 0.511 ng/mL

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

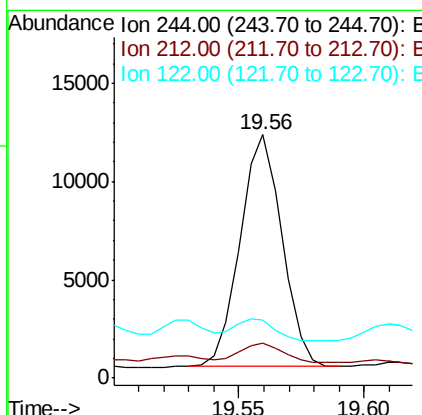
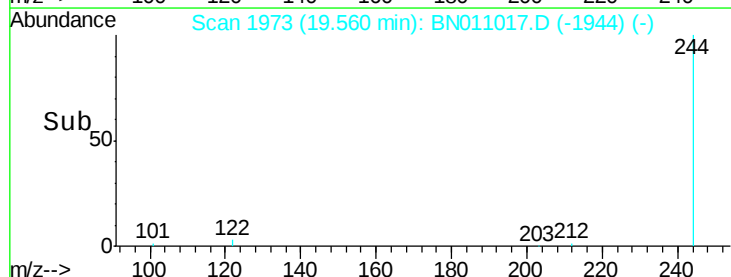
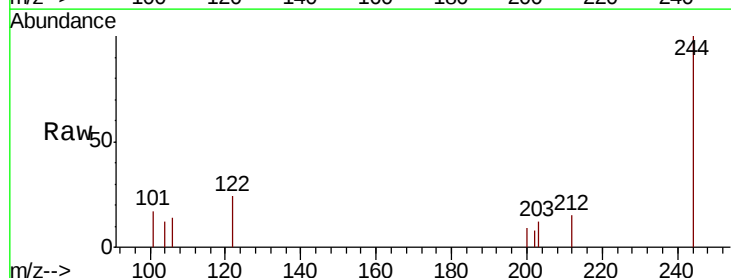
Tgt Ion: 244 Resp: 13710

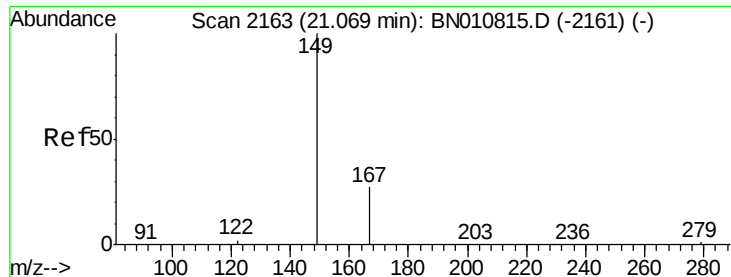
Ion Ratio Lower Upper

244 100

212 14.5 7.4 11.2#

122 24.0 7.5 11.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.755 ng m

RT: 21.06 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Instrument :

BNA_N

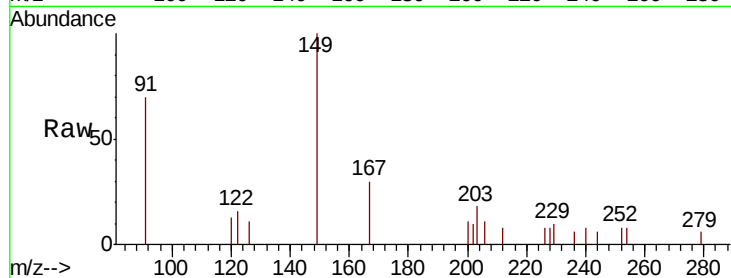
ClientSampleId :

Z1-DUP-0572-200616

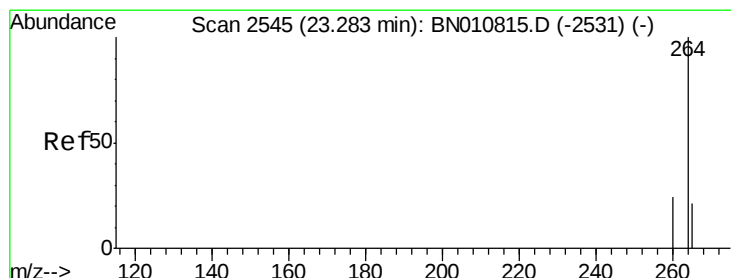
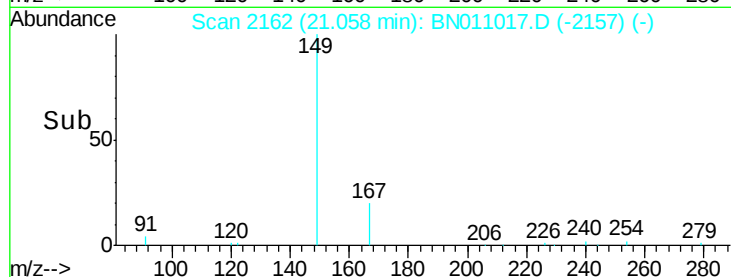
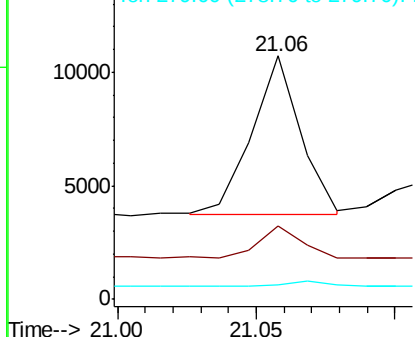
Tot Ion:	149	Resp:	8471
Ion Ratio	Lower	Upper	
149	100		
167	0.0	24.1	36.1#
279	1.7	4.6	7.0#

Manual Integrations
APPROVED

Sohil
6/23/2020 2:12:23 PM



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

Perylene-d12

Concen: 0.400 ng m

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN011017.D

Acq: 22 Jun 2020 19:51

Tgt Ion:	264	Resp:	12107
Ion Ratio	Lower	Upper	
264	100		
260	26.7	20.4	30.6
265	71.6	75.0	112.4#

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

