

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003343.D
 Acq On : 29 Oct 2018 21:52
 Operator : MJ/SJ
 Sample : J5692-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ171I-20181024

Manual Integrations
 APPROVED

Sohil
 10/30/2018 5:01:09 PM

Quant Time: Oct 30 07:35:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	16455	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	72809	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	49634	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	116050	0.40	ng	0.00
27) Chrysene-d12	21.42	240	119302	0.40	ng	0.00
34) Perylene-d12	23.73	264	100225	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	7018	0.17	ng	0.00
5) Phenol-d6	7.01	99	5425	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	14151m	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	39522	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	10376	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	68883	0.32	ng	-0.01
25) Fluoranthene-d10	19.26	212	107794	0.32	ng	-0.01
29) Terphenyl-d14	19.86	244	120625	0.43	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.34	88	4775	0.224	ng	Qvalue # 84
9) Naphthalene	10.71	128	9341	0.052	ng	# 50
22) Pentachlorophenol	16.88	266	502	0.026	ng	94
32) Bis(2-ethylhexyl)phthalate	21.31	149	8570	0.093	ng	99

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

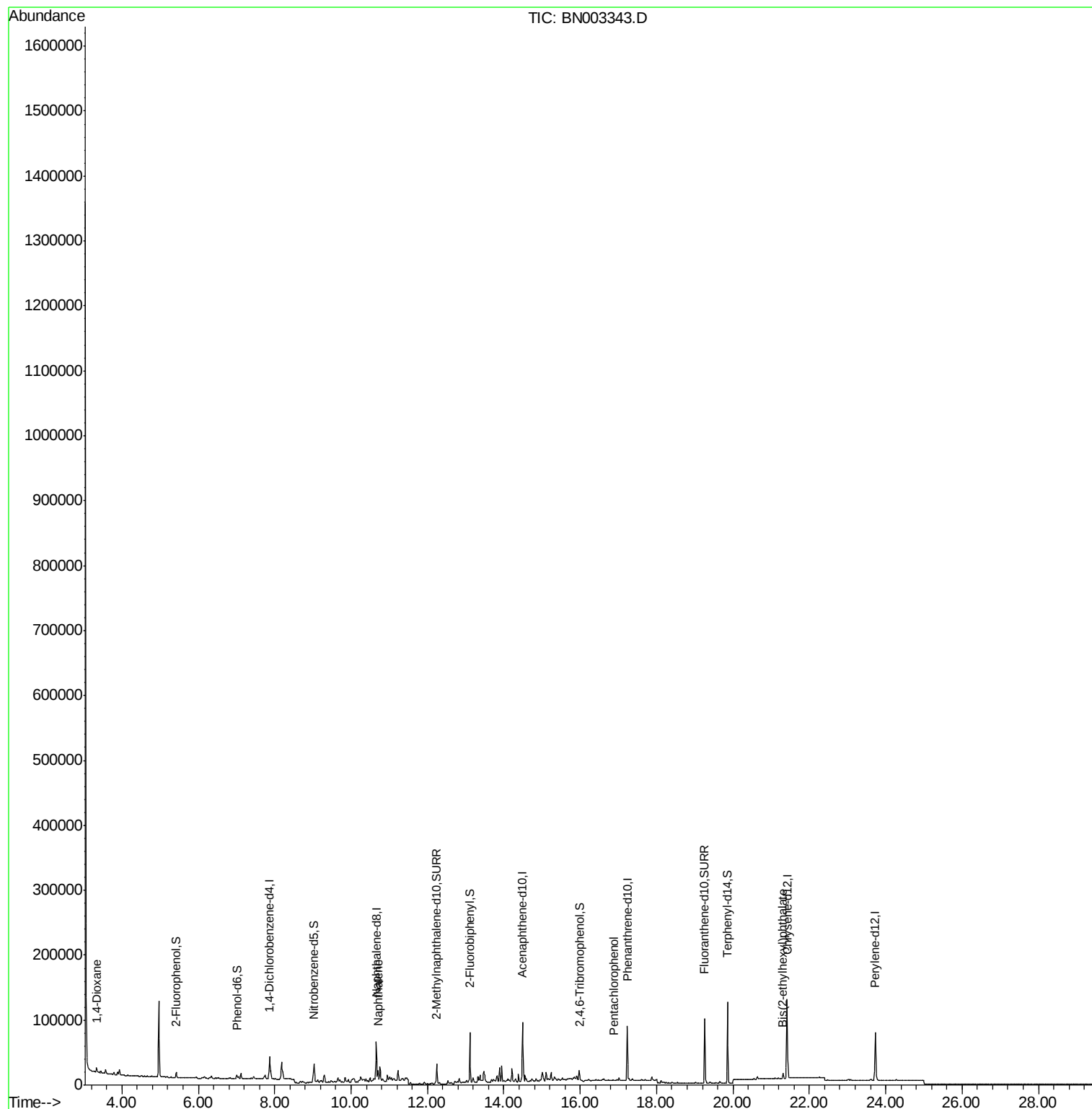
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
Data File : BN003343.D
Acq On : 29 Oct 2018 21:52
Operator : MJ/SJ
Sample : J5692-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

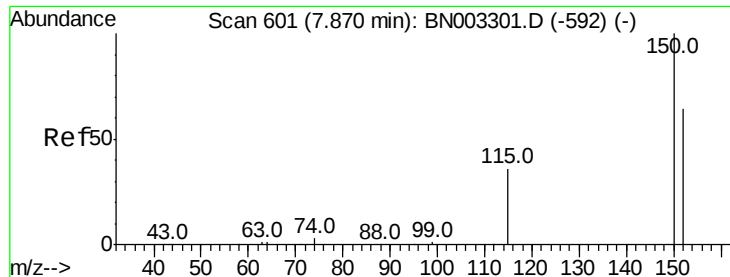
Instrument :
BNA_N
ClientSampleId :
SA-PZ171I-20181024

Manual Integrations
APPROVED

Sohil
10/30/2018 5:01:09 PM

Quant Time: Oct 30 07:35:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

BNA_N

ClientSampleId :

SA-PZ171I-20181024

Tot Ion:152 Resp: 16455

Ion Ratio Lower Upper

152 100

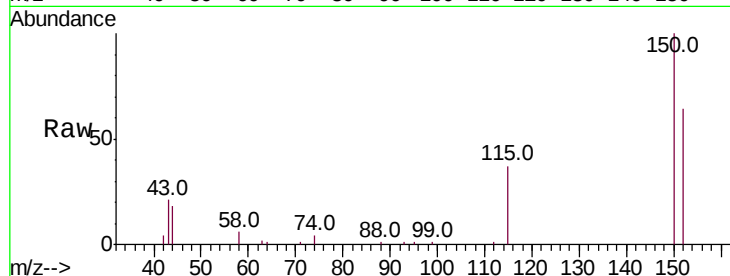
150 155.2 124.6 187.0

115 57.5 46.4 69.6

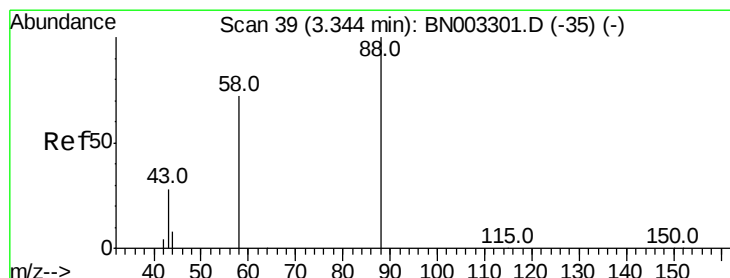
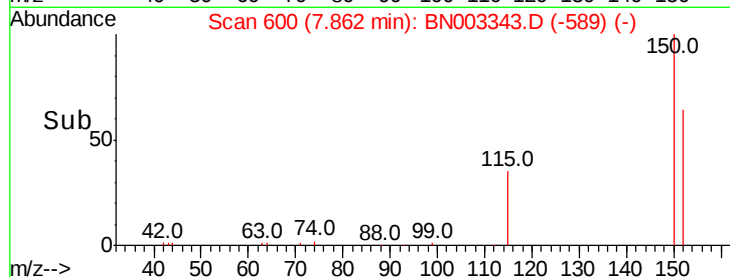
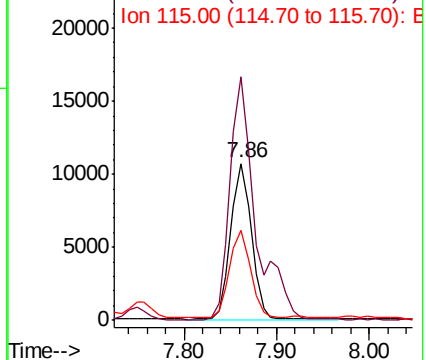
Manual Integrations
APPROVED

Sohil

10/30/2018 5:01:09 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: 0.224 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

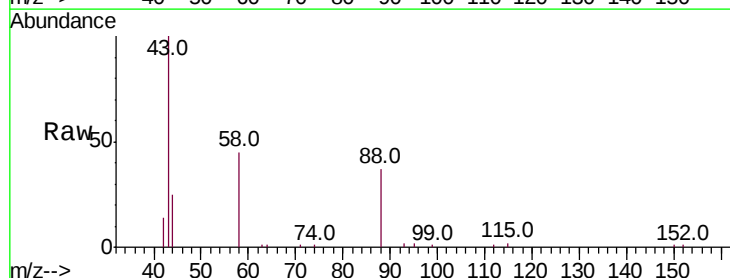
Tgt Ion: 88 Resp: 4775

Ion Ratio Lower Upper

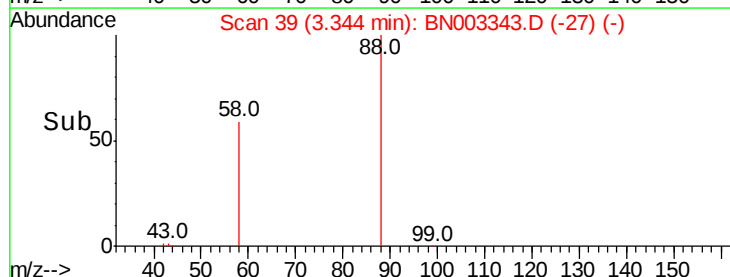
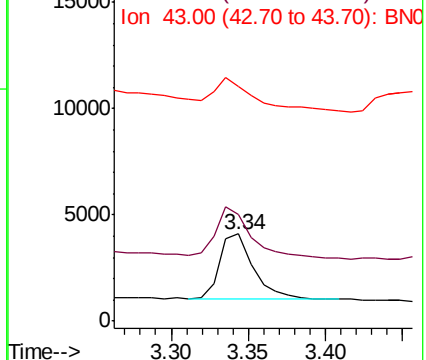
88 100

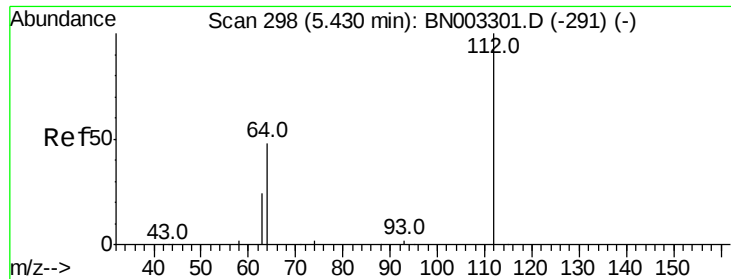
58 79.4 60.9 91.3

43 55.5 23.9 35.9#



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: 0.172 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

BNA_N

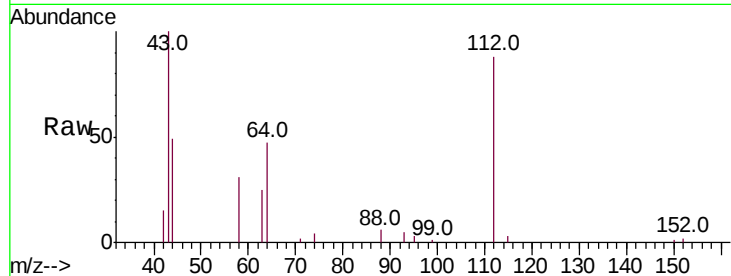
ClientSampleId :

SA-PZ171I-20181024

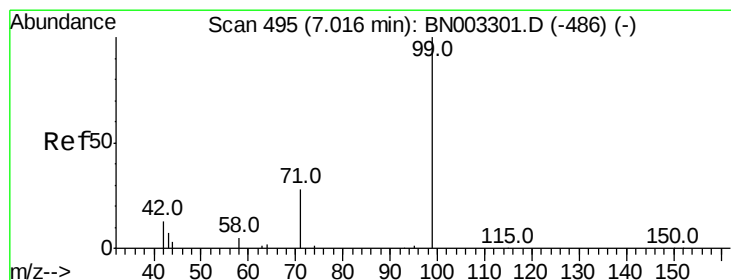
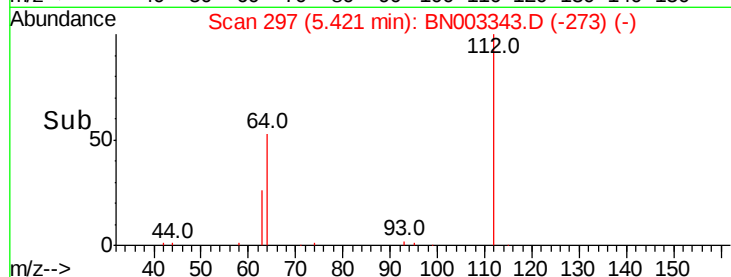
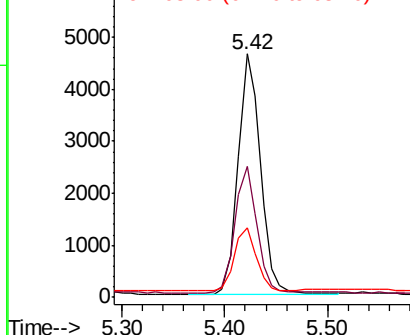
Tot Ion:	112	Resp:	7018
Ion Ratio	Lower	Upper	
112	100		
64	51.6	44.3	66.5
63	25.6	22.4	33.6

Manual Integrations
APPROVED

Sohil
10/30/2018 5:01:09 PM



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: 0.105 ng

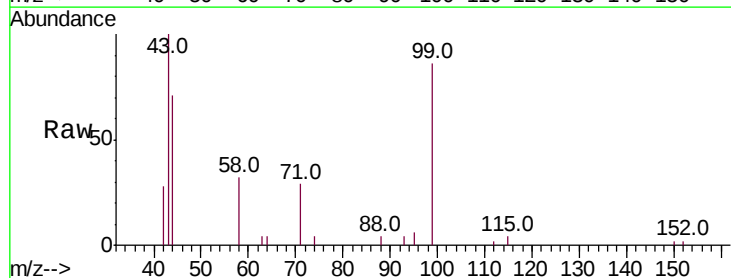
RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

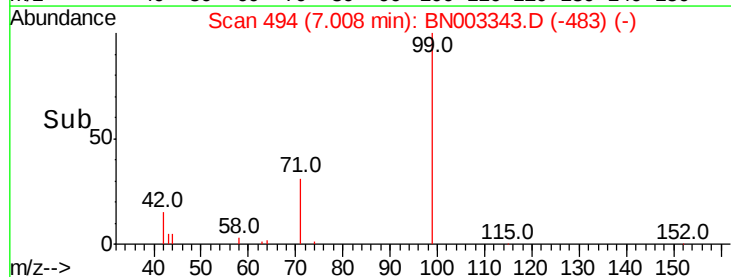
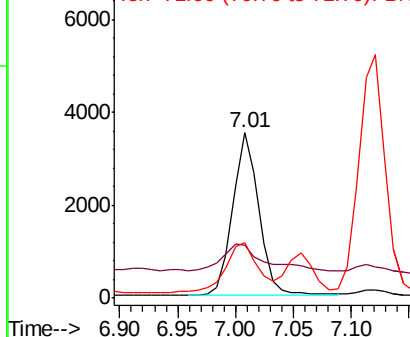
Lab File: BN003343.D

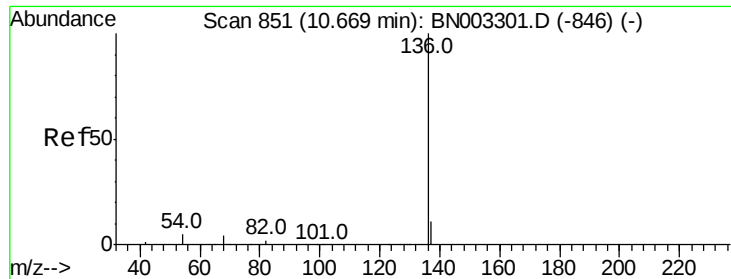
Acq: 29 Oct 2018 21:52

Tgt Ion:	99	Resp:	5425
Ion Ratio	Lower	Upper	
99	100		
42	28.1	14.8	22.2#
71	37.5	24.8	37.2#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

BNA_N

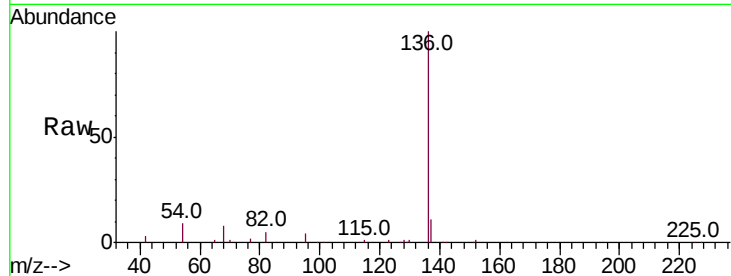
ClientSampleId :

SA-PZ171I-20181024

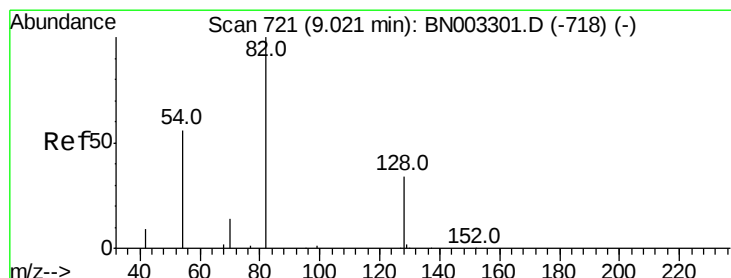
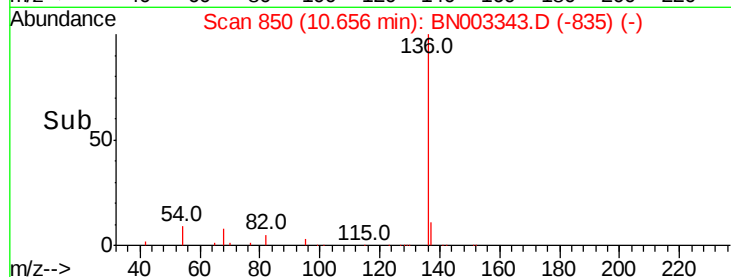
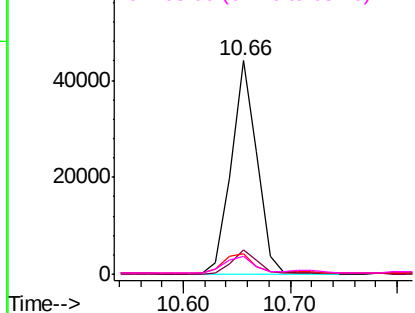
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.3	4.1	6.1#
68	8.2	3.5	5.3#

Manual Integrations
APPROVED

Sohil
10/30/2018 5:01:09 PM



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): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.444 ng m

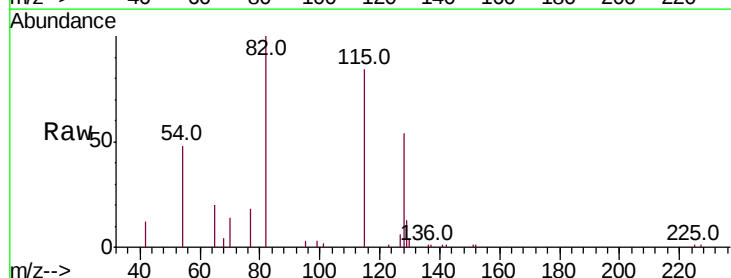
RT: 9.02 min Scan# 721

Delta R.T. -0.00 min

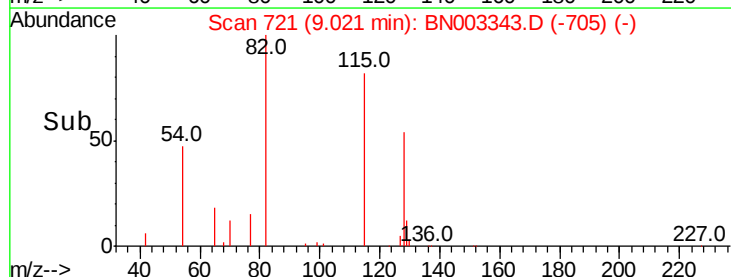
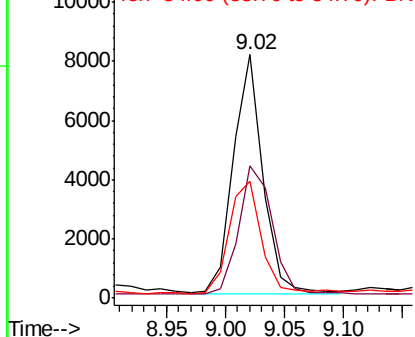
Lab File: BN003343.D

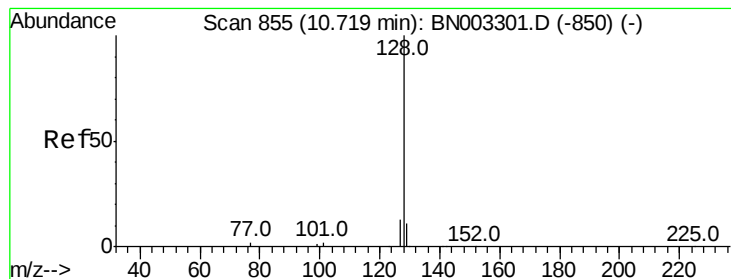
Acq: 29 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.1	28.9	43.3#
54	48.2	46.1	69.1



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.052 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

BNA_N

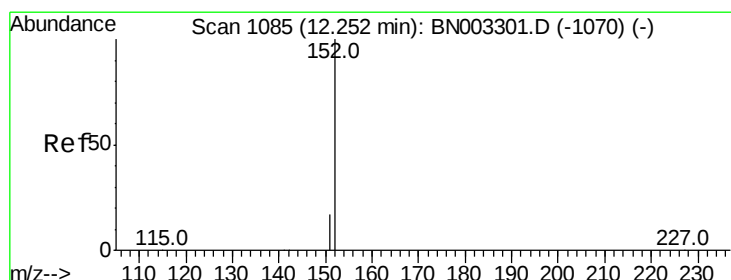
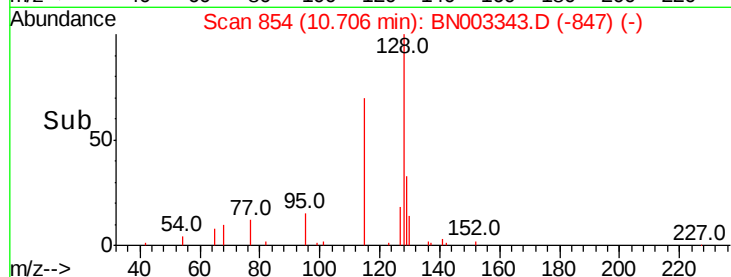
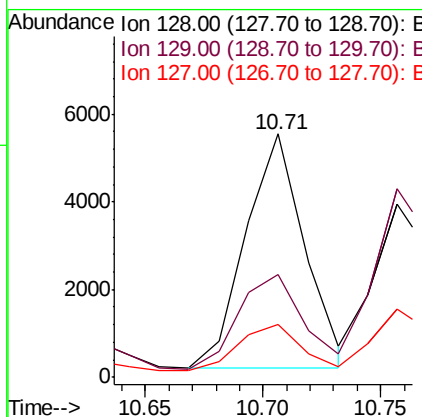
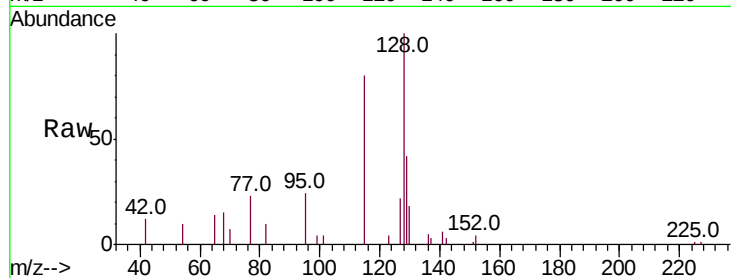
ClientSampleId :

SA-PZ171I-20181024

Tot Ion:	128	Resp:	9341
Ion Ratio	Lower	Upper	
128	100		
129	42.5	9.1	13.7#
127	21.8	10.2	15.4#

Manual Integrations
APPROVED

Sohil
10/30/2018 5:01:09 PM



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

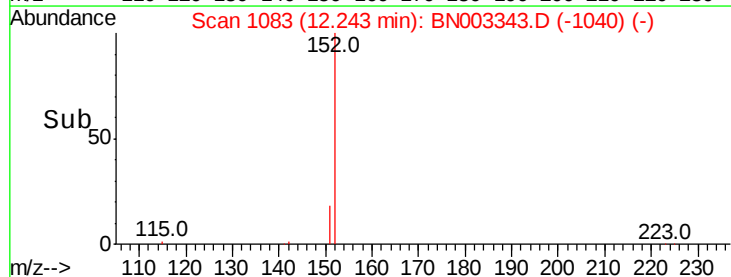
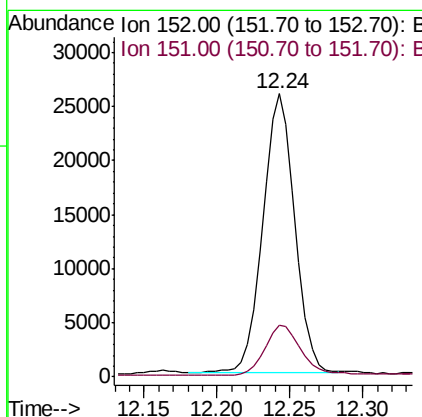
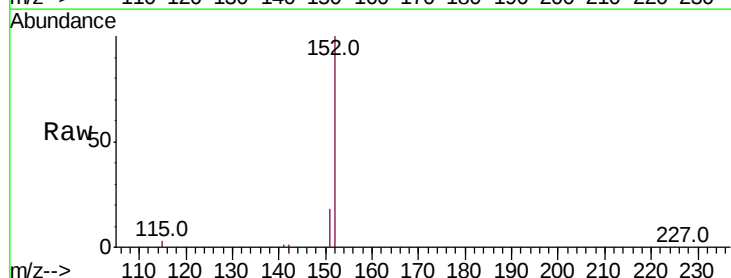
RT: 12.24 min Scan# 1083

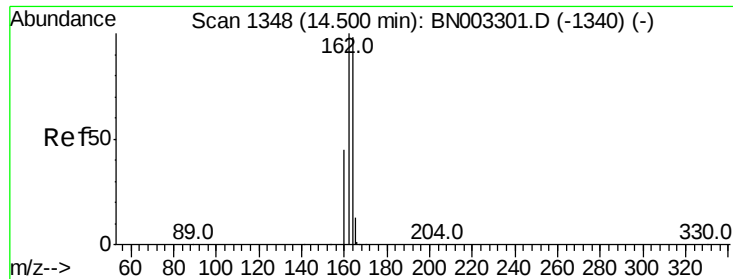
Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Tgt Ion:	152	Resp:	39522
Ion Ratio	Lower	Upper	
152	100		
151	21.1	15.1	22.7





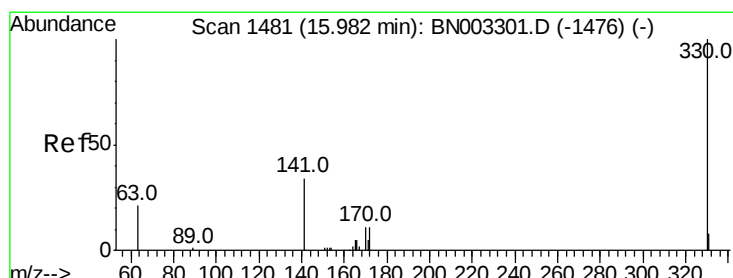
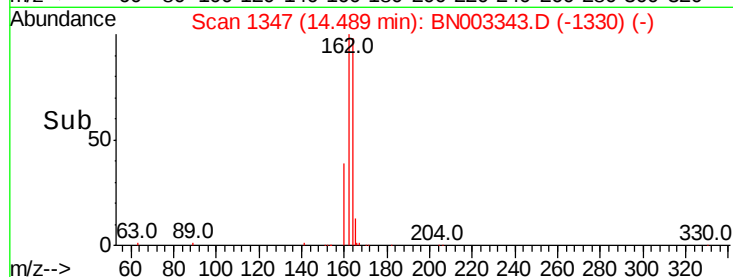
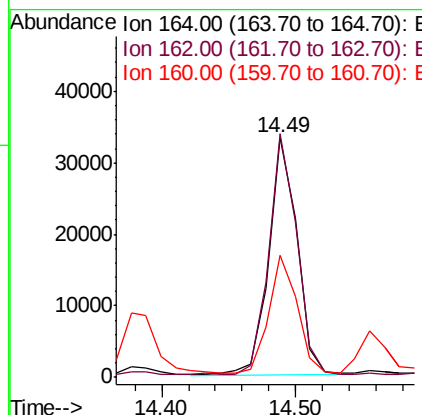
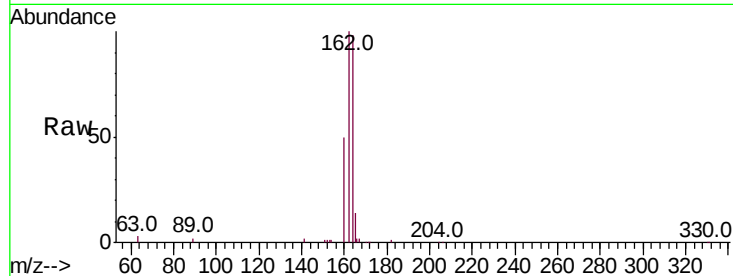
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003343.D
Acq: 29 Oct 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SA-PZ171I-20181024

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	51.0	37.2	55.8

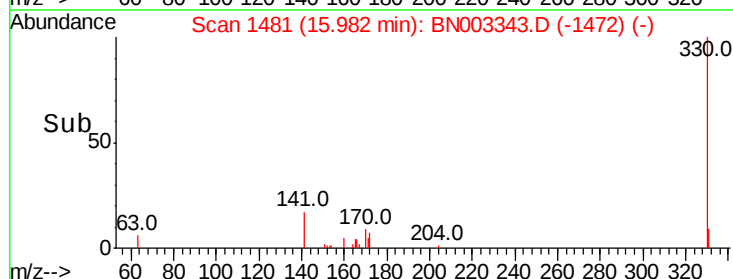
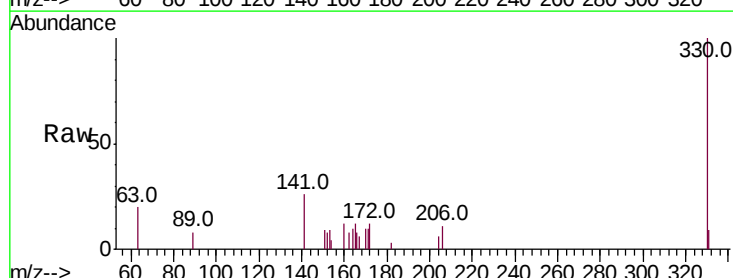
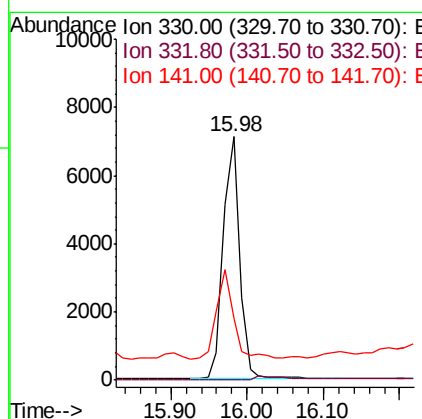
Manual Integrations
APPROVED

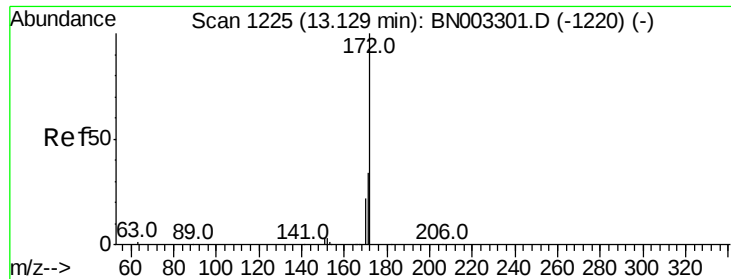
Sohil
10/30/2018 5:01:09 PM



#14
2,4,6-Tribromophenol
Concen: 0.525 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003343.D
Acq: 29 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.3	28.3	42.5





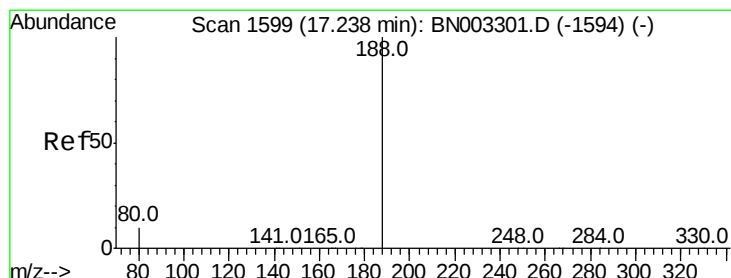
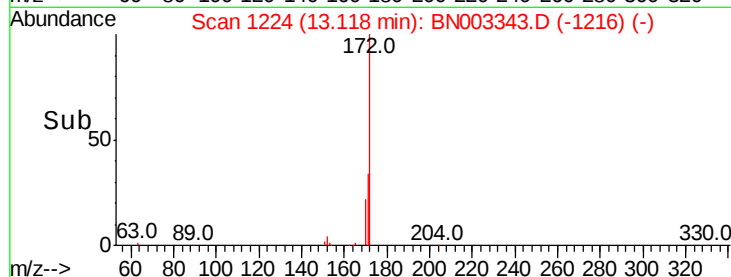
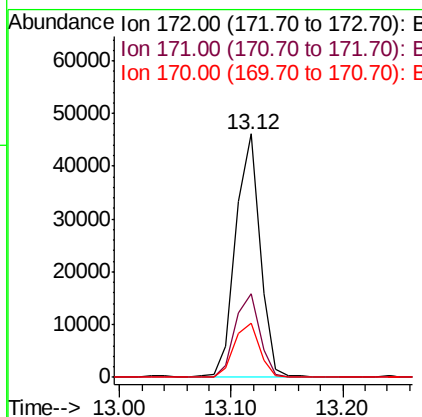
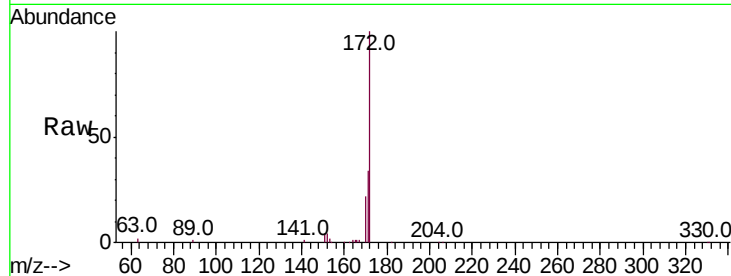
#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003343.D
Acq: 29 Oct 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SA-PZ171I-20181024

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.1	40.7
170	22.1	17.4	26.0

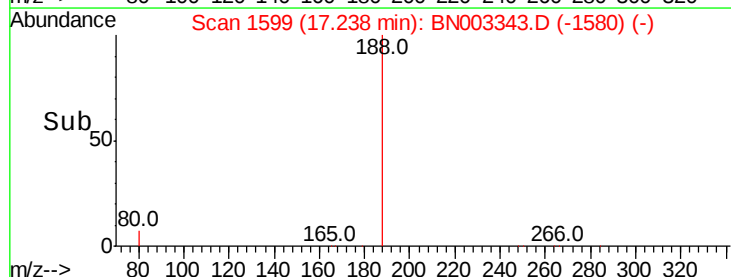
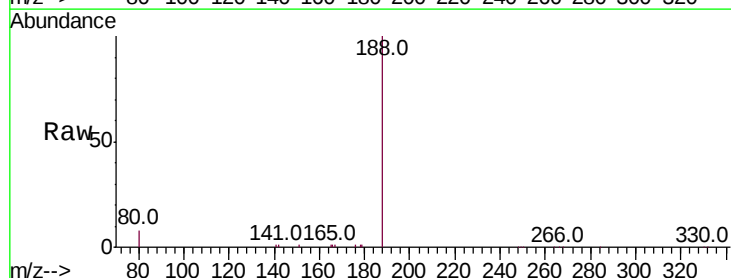
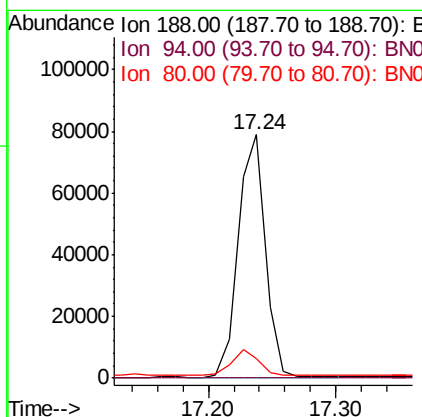
Manual Integrations
APPROVED

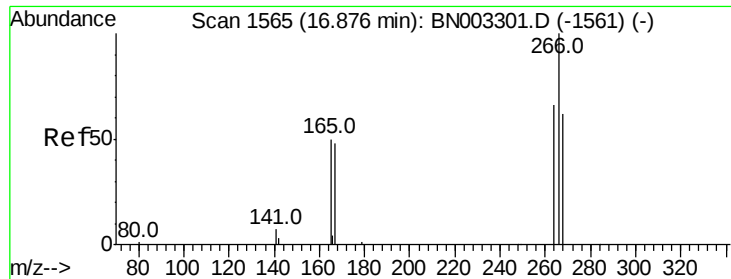
Sohil
10/30/2018 5:01:09 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003343.D
Acq: 29 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	8.6	12.8#





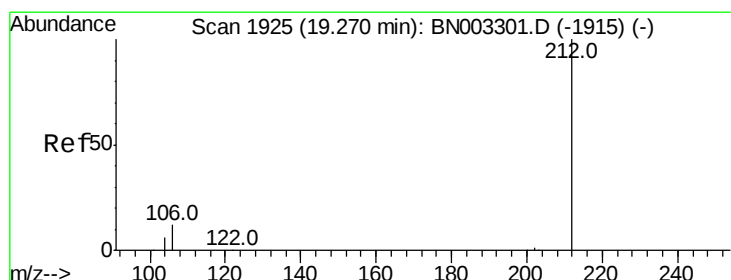
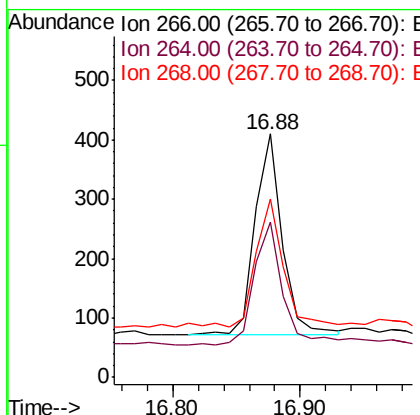
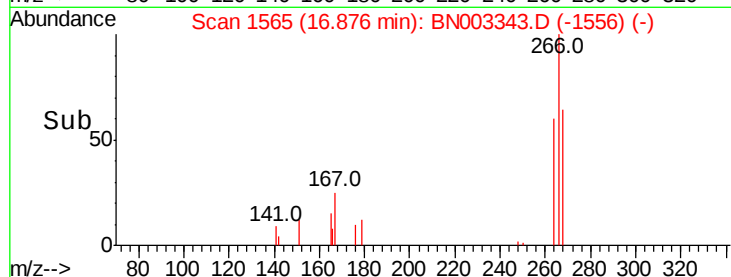
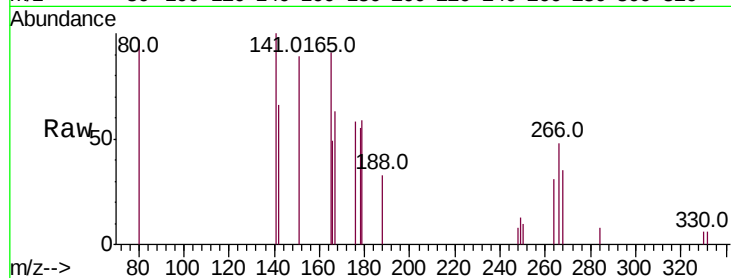
#22
 Pentachlorophenol
 Concen: 0.026 ng
 RT: 16.88 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ171I-20181024

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.9	52.1	78.1
268	73.4	51.8	77.6

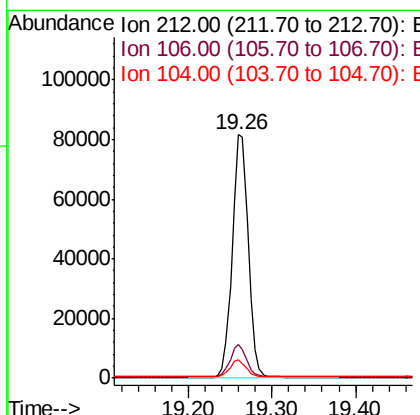
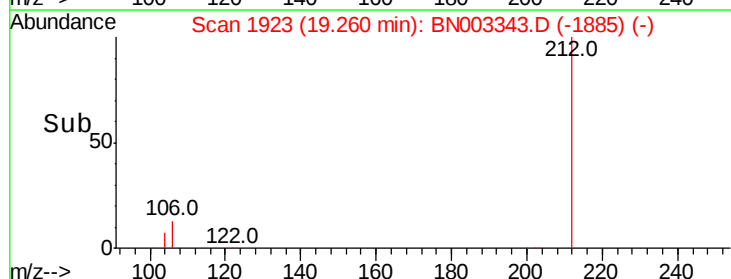
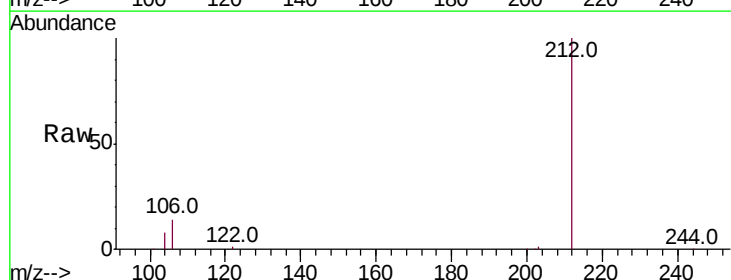
Manual Integrations
 APPROVED

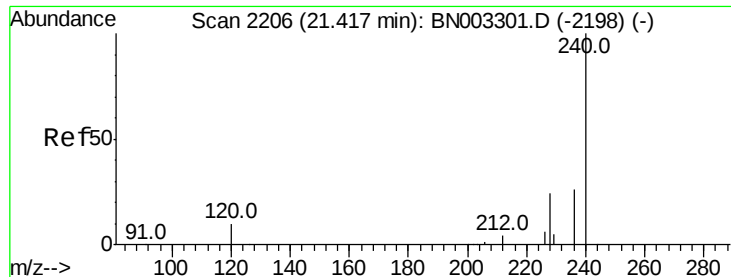
Sohil
 10/30/2018 5:01:09 PM



#25
 Fluoranthene-d10
 Concen: 0.319 ng
 RT: 19.26 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.3	15.5
104	7.2	5.6	8.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

BNA_N

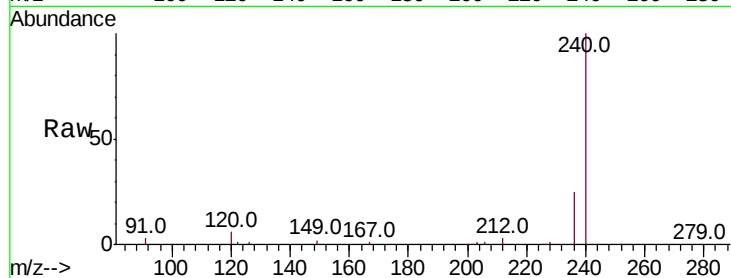
ClientSampleId :

SA-PZ171I-20181024

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.3	13.9#
236	25.4	21.0	31.4

Manual Integrations
APPROVED

Sohil
10/30/2018 5:01:09 PM

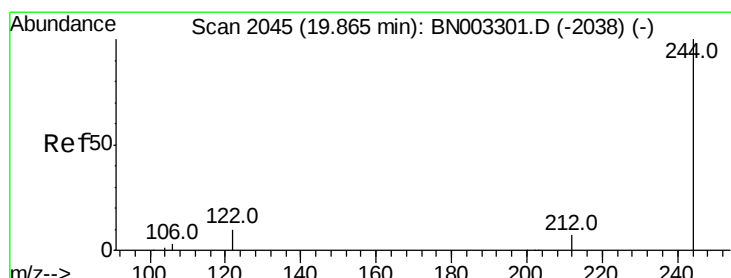
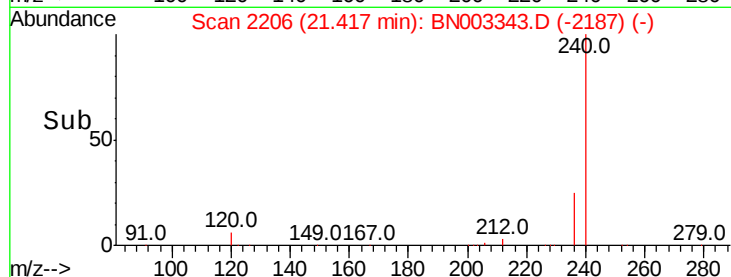
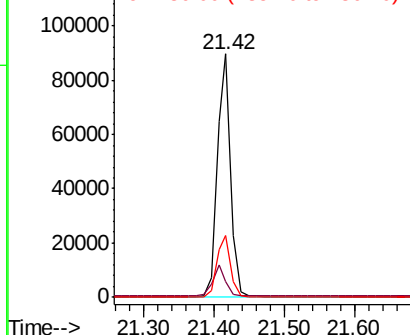


Abundance

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: 0.435 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

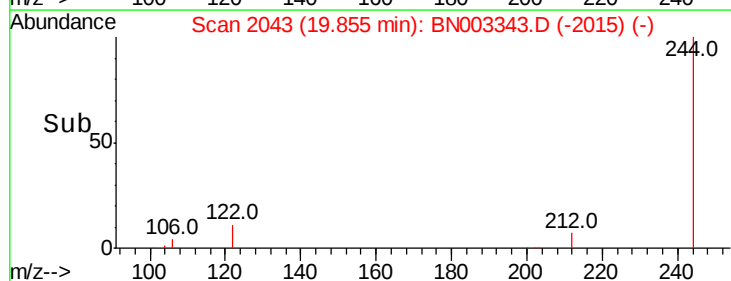
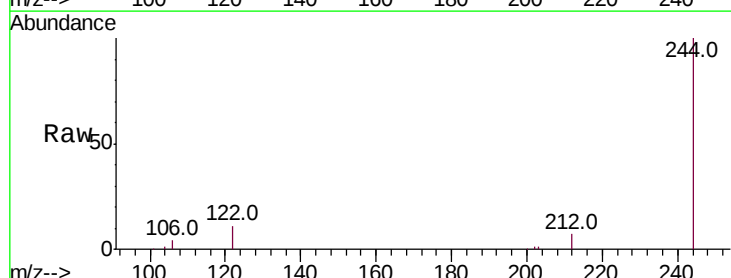
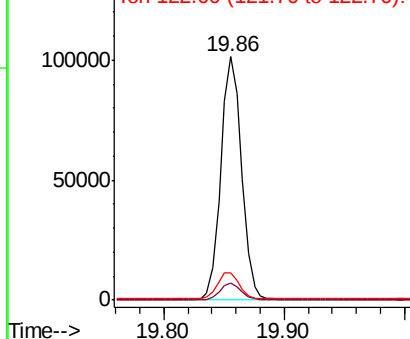
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.4	8.5	12.7

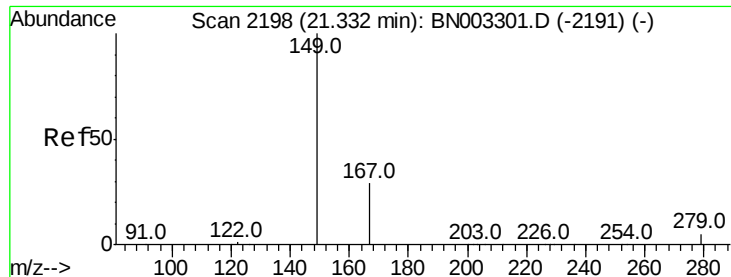
Abundance

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





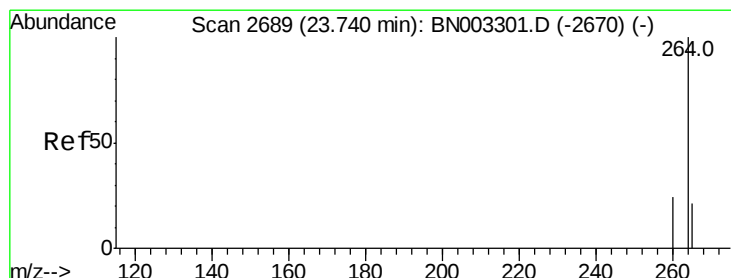
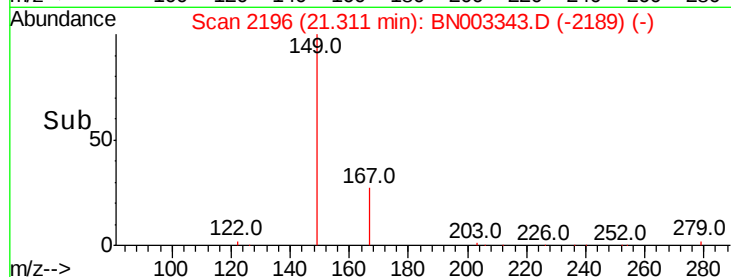
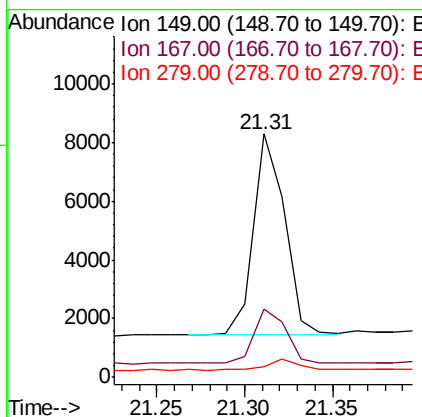
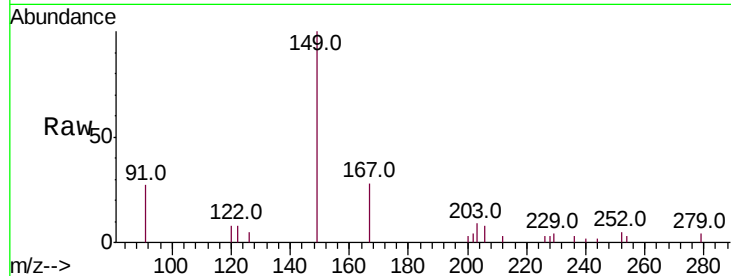
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.31 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ171I-20181024

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	5.9	3.9	5.9

Manual Integrations
 APPROVED

Sohil
 10/30/2018 5:01:09 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2687
 Delta R.T. -0.01 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	29.8	26.4	39.6

