

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010276.D
 Acq On : 18 Mar 2020 22:44
 Operator : CG/JU
 Sample : L1945-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20200312

Manual Integrations
 APPROVED

mohammad
 3/19/2020 2:43:15 PM

Quant Time: Mar 19 01:40:21 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	4127	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14465	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	9056	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21978m	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	23677	0.40	ng	-0.01
34) Perylene-d12	23.35	264	25728	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1237	0.13	ng	0.00
5) Phenol-d6	6.81	99	938	0.08	ng	0.00
8) Nitrobenzene-d5	8.76	82	5327	0.61	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7117	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1177	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	21339	0.66	ng	-0.01
25) Fluoranthene-d10	19.02	212	20762	0.31	ng	-0.02
29) Terphenyl-d14	19.63	244	28347	0.53	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	13450	3.340	ng	Qvalue # 52
32) Bis(2-ethylhexyl)phthalate	21.13	149	2252m	0.066	ng	

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

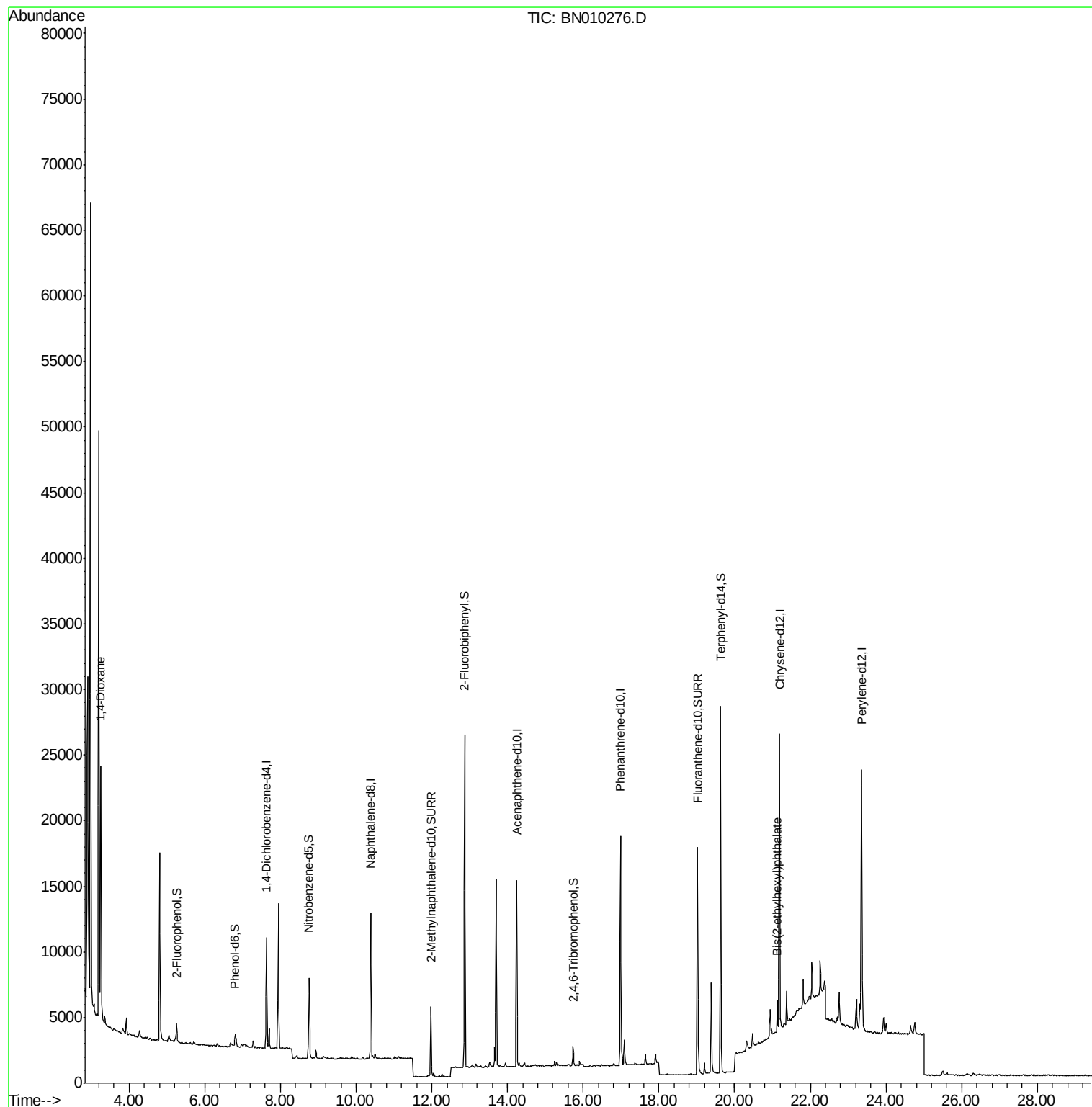
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010276.D
Acq On : 18 Mar 2020 22:44
Operator : CG/JU
Sample : L1945-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

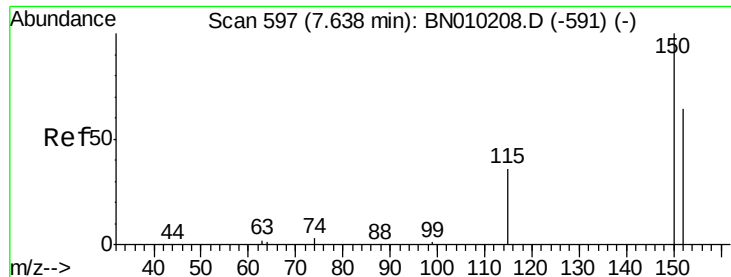
Instrument :
BNA_N
ClientSampleId :
RE104D1-20200312

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 PM

Quant Time: Mar 19 01:40:21 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





#1

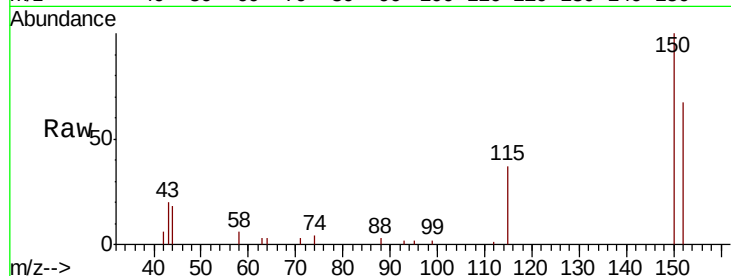
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010276.D
Acq: 18 Mar 2020 22:44

Instrument :
BNA_N
ClientSampleId :
RE104D1-20200312

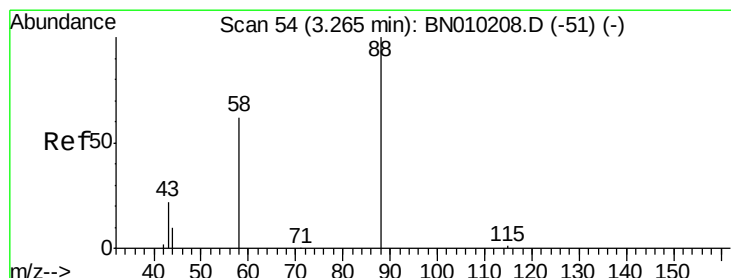
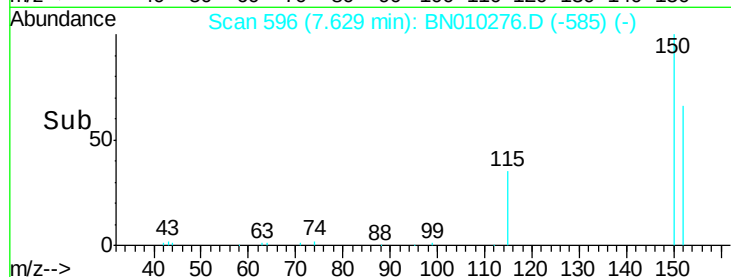
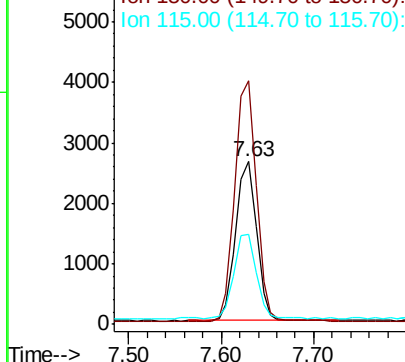
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	55.6	50.9	76.3

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 PM



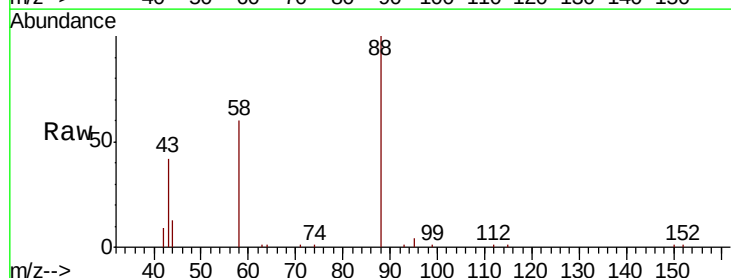
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



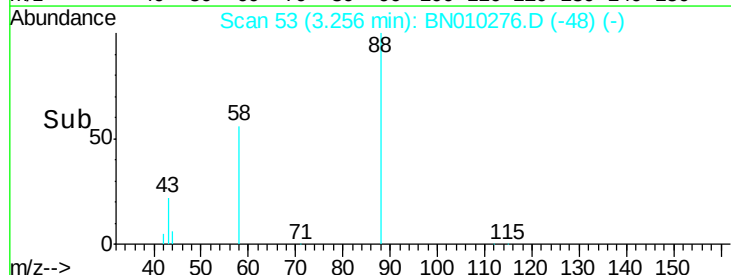
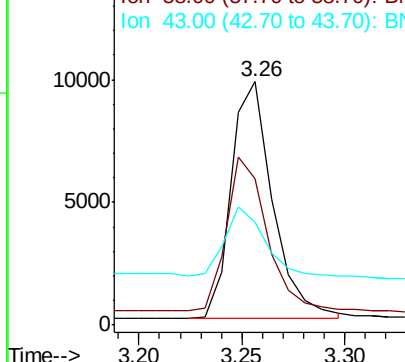
#2

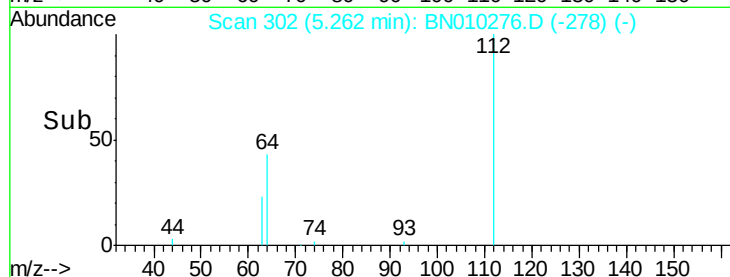
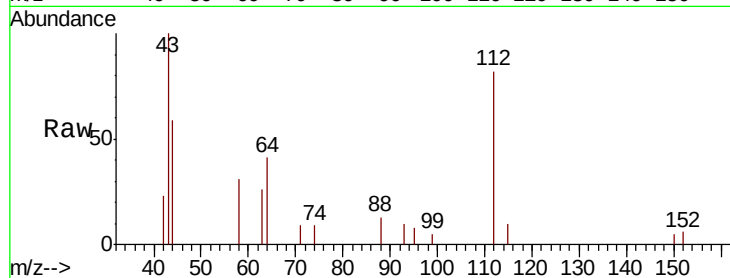
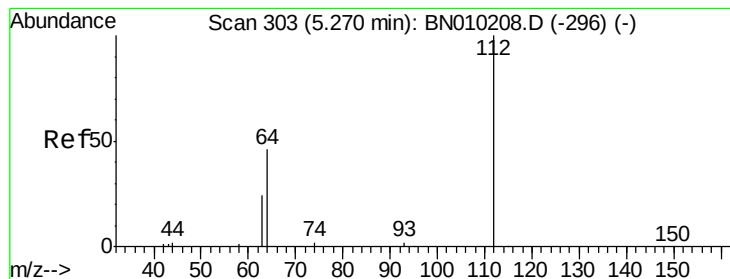
1,4-Dioxane
Concen: 3.340 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010276.D
Acq: 18 Mar 2020 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	97.8	146.8#
43	27.4	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: 0.128 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Tot Ion:	112	Resp:	1237
Ion Ratio	Lower	Upper	
112	100		
64	51.9	42.6	63.8
63	28.0	23.6	35.4

Instrument :

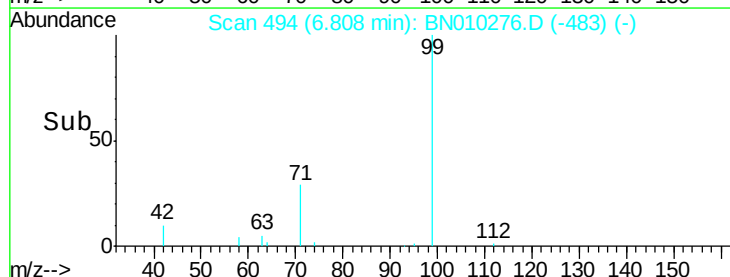
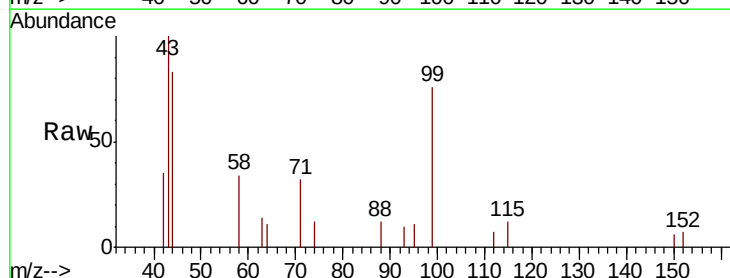
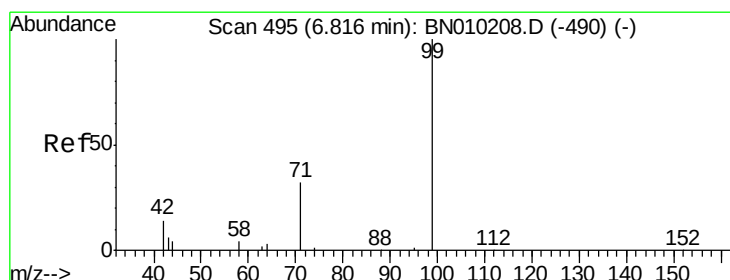
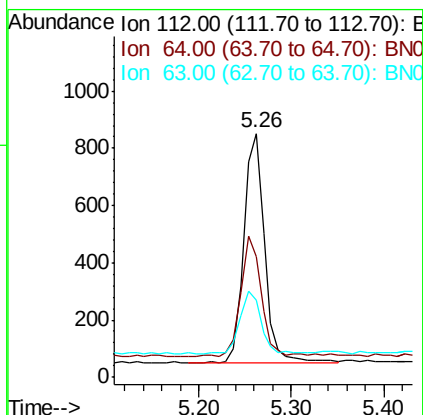
BNA_N

ClientSampleId :

RE104D1-20200312

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 PM



#5

Phenol-d6

Concen: 0.077 ng

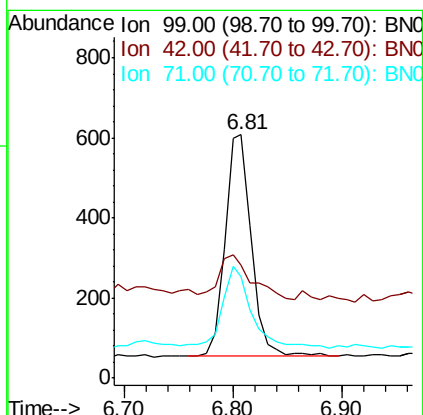
RT: 6.81 min Scan# 494

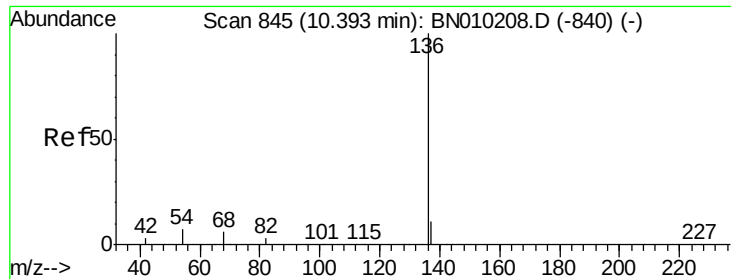
Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Tgt Ion:	99	Resp:	938
Ion Ratio	Lower	Upper	
99	100		
42	25.6	12.0	18.0#
71	40.5	22.6	33.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

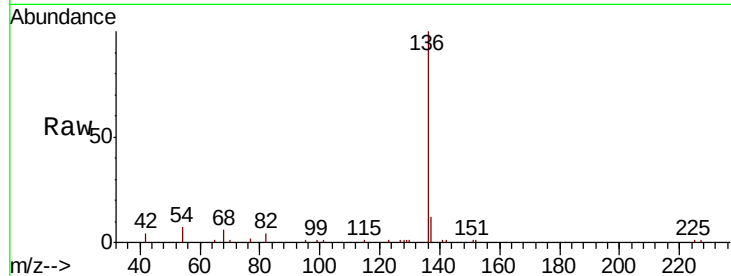
ClientSampleId :

RE104D1-20200312

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	7.1	9.5	14.3#
68	6.3	9.7	14.5#

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 PM

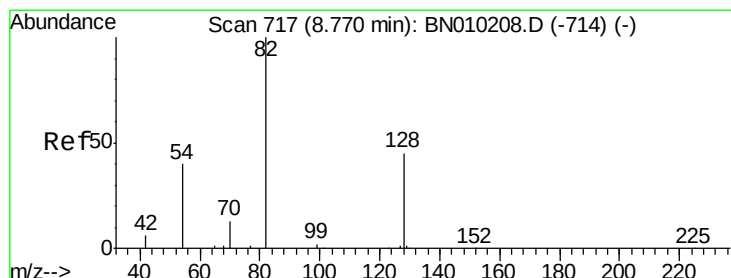
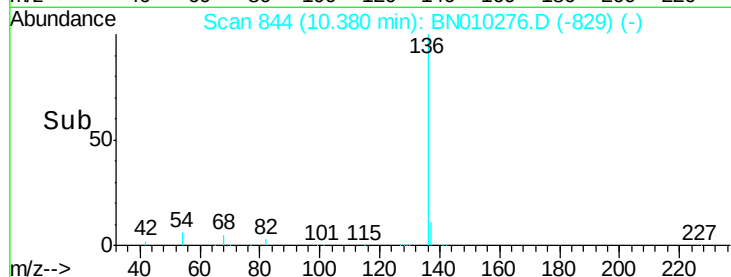
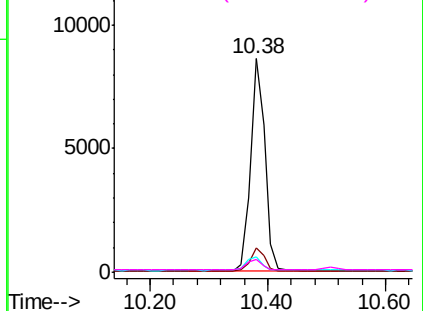


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.614 ng

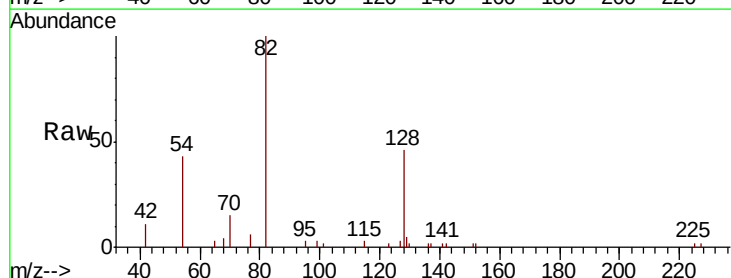
RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

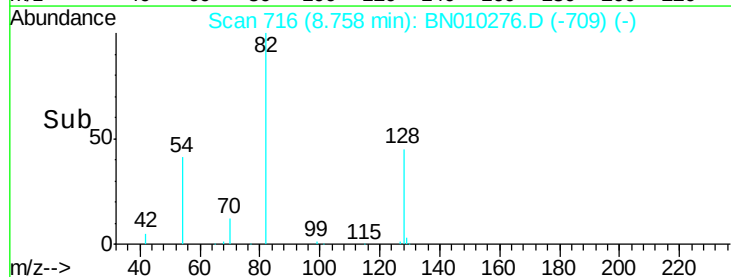
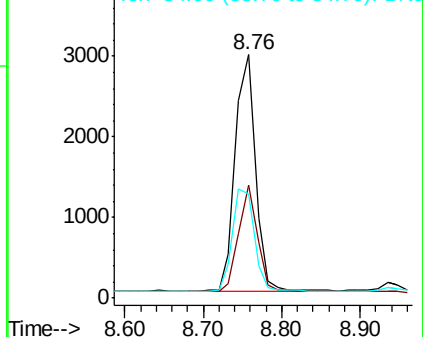
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.0	52.6
54	42.7	37.0	55.4

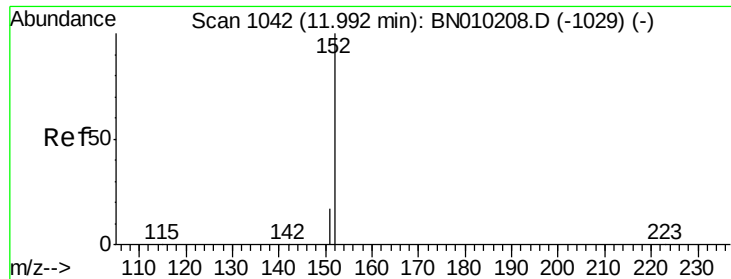


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





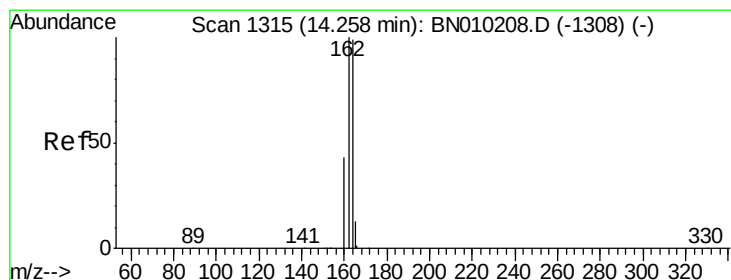
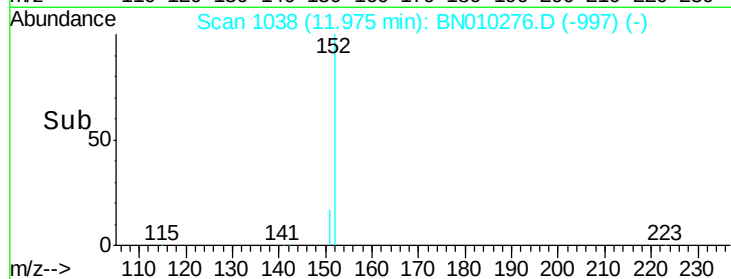
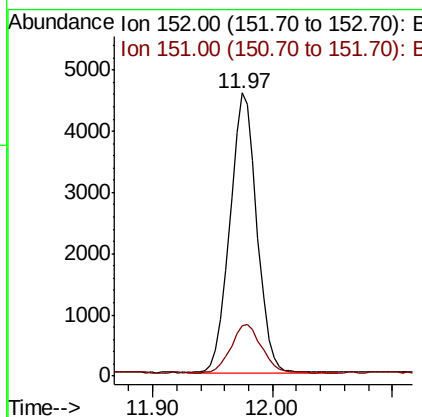
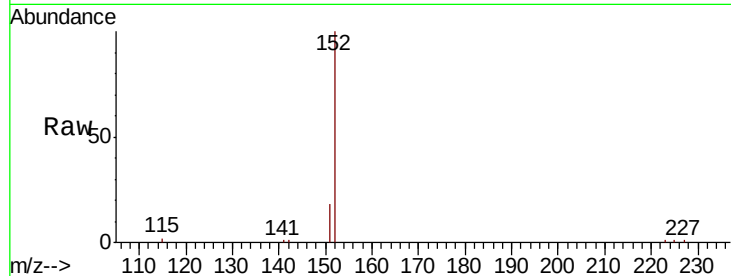
#11
 2-Methylnaphthalene-d10
 Concen: 0.298 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010276.D
 Acq: 18 Mar 2020 22:44

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20200312

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

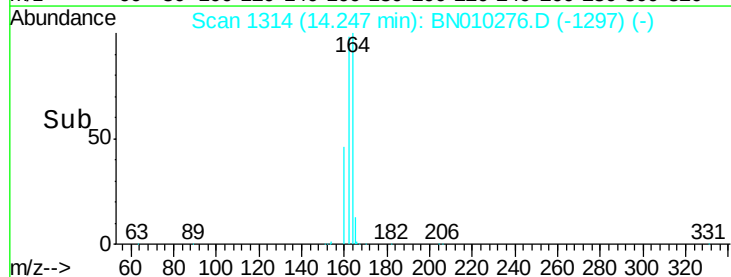
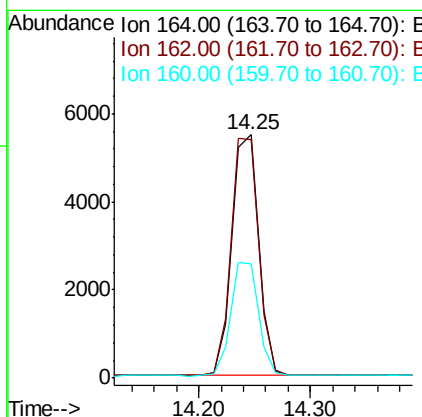
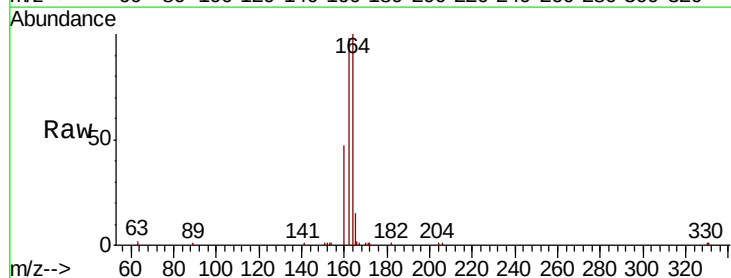
Manual Integrations
 APPROVED

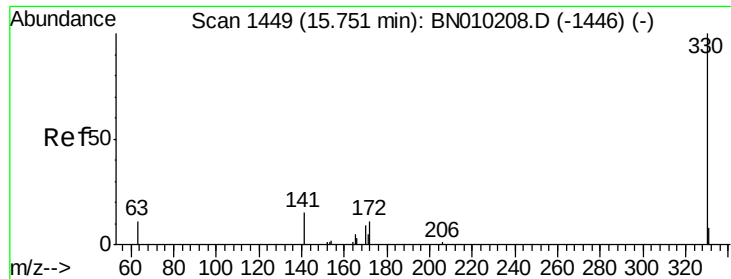
mohammad
 3/19/2020 2:43:15 PM



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.25 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BN010276.D
 Acq: 18 Mar 2020 22:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.0	121.4
160	46.8	35.6	53.4





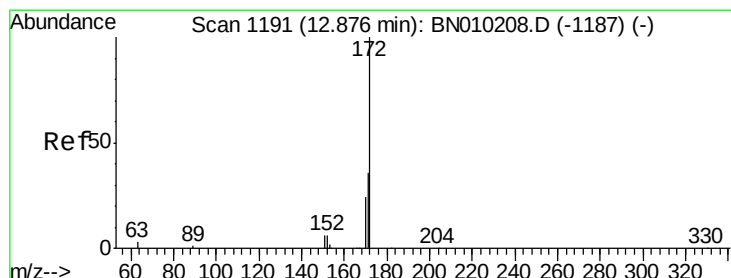
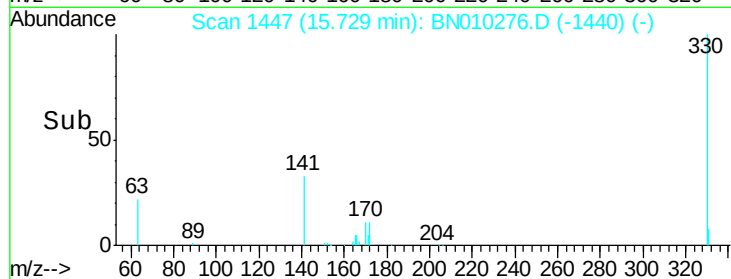
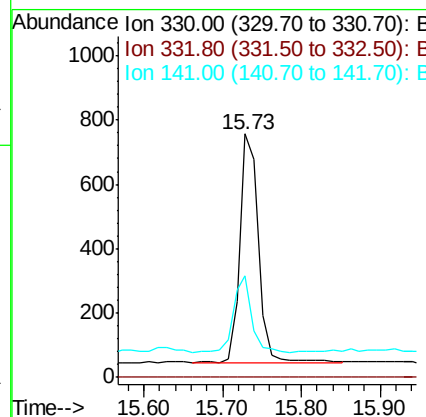
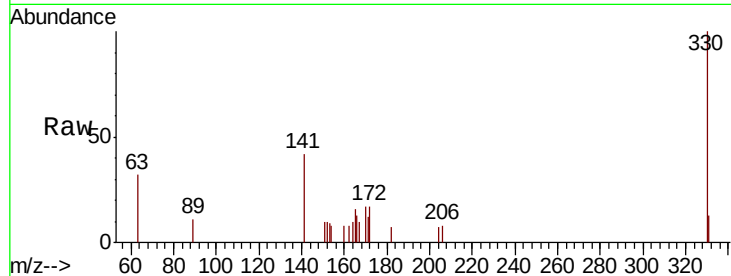
#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010276.D
 Acq: 18 Mar 2020 22:44

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20200312

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	25.1	37.7

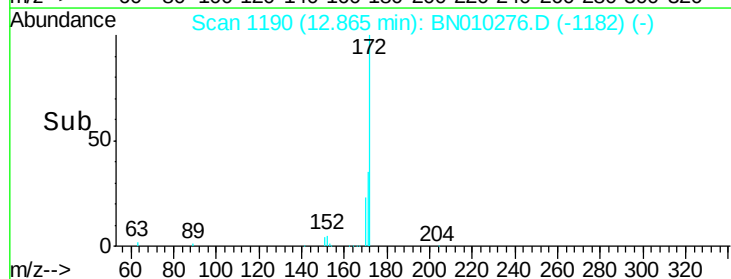
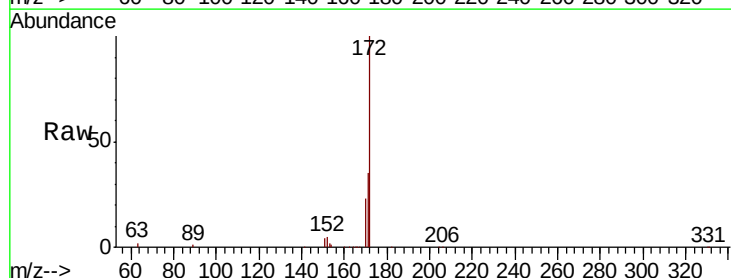
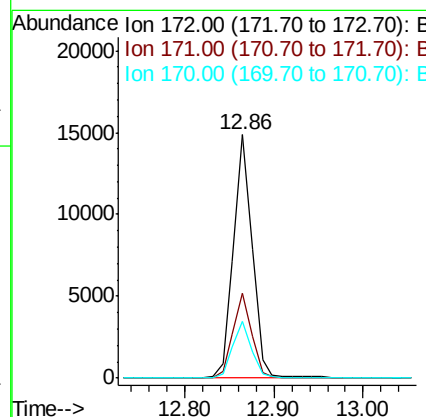
Manual Integrations
 APPROVED

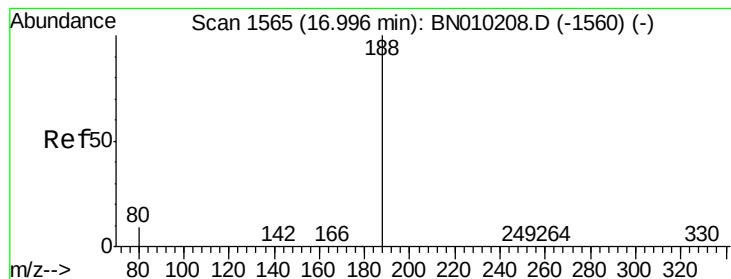
mohammad
 3/19/2020 2:43:15 PM



#15
 2-Fluorobiphenyl
 Concen: 0.662 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010276.D
 Acq: 18 Mar 2020 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.2
170	23.3	20.2	30.4





#19

Phenanthrene-d10

Concen: 0.400 ng/mL

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

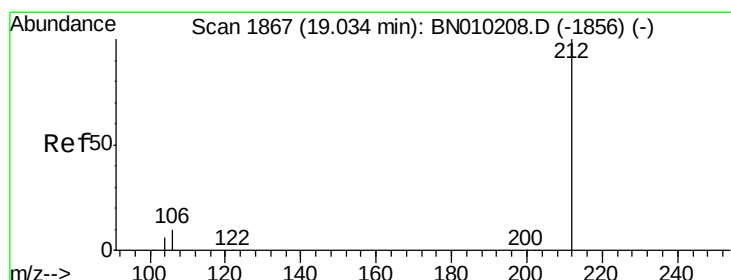
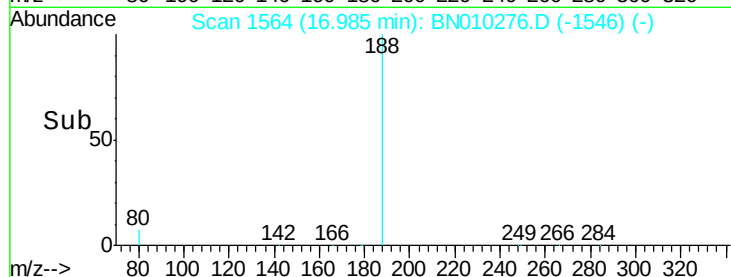
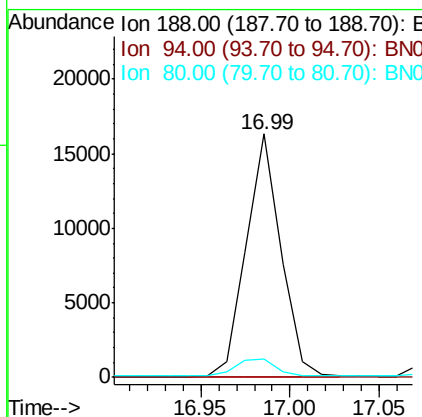
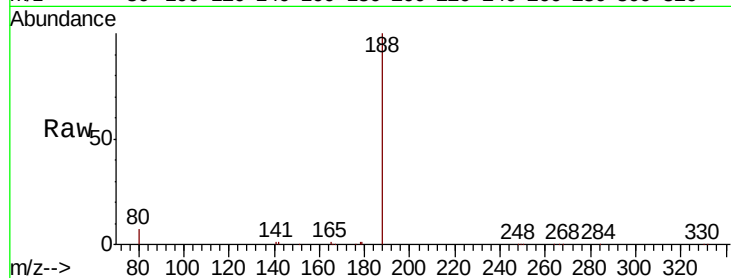
ClientSampleId :

RE104D1-20200312

Tot Ion:	188	Resp:	21978
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.3	8.6	12.8#

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 PM



#25

Fluoranthene-d10

Concen: 0.306 ng/mL

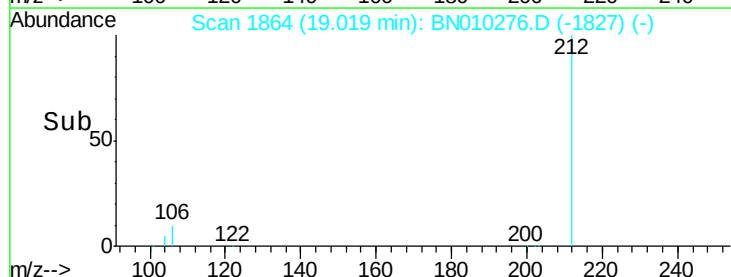
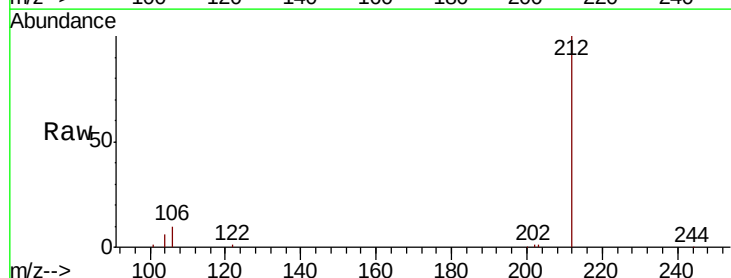
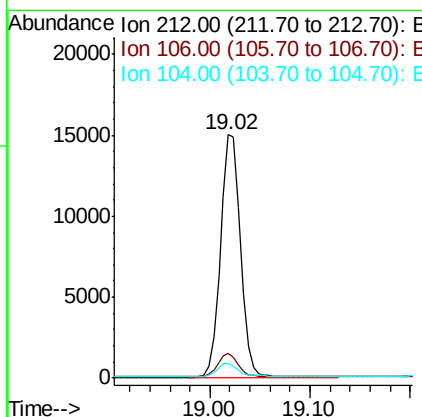
RT: 19.02 min Scan# 1864

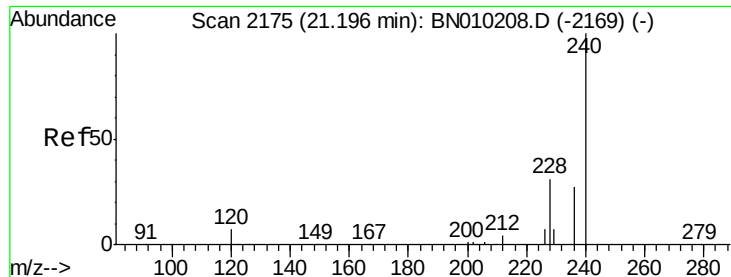
Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Tgt Ion:	212	Resp:	20762
Ion Ratio	Lower	Upper	
212	100		
106	9.9	8.1	12.1
104	5.7	4.7	7.1





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

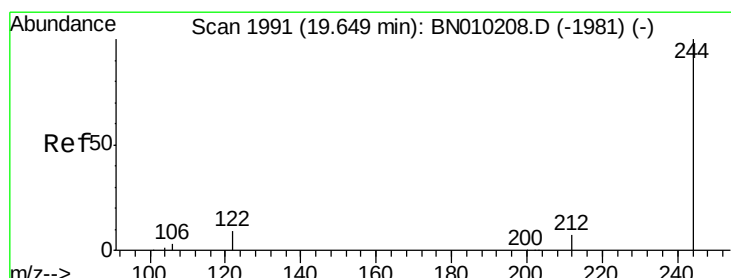
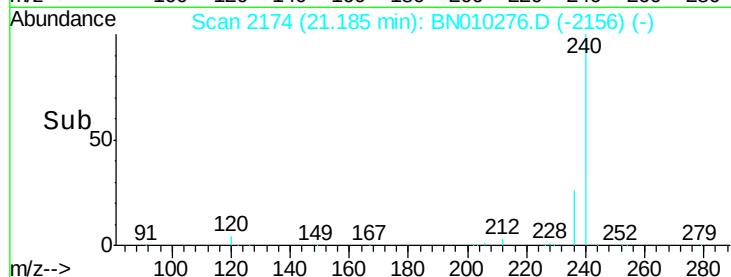
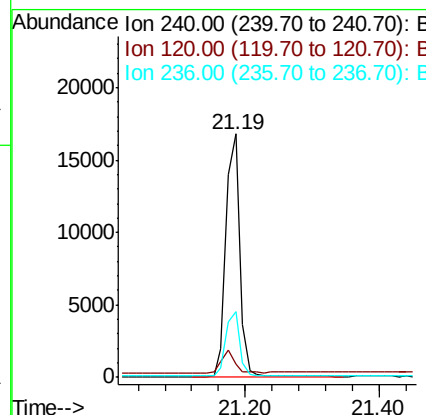
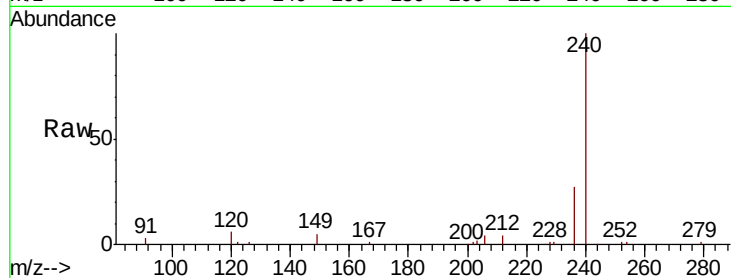
ClientSampleId :

RE104D1-20200312

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	7.7	11.5#
236	26.8	21.8	32.6

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 PM



#29

Terphenyl-d14

Concen: 0.525 ng

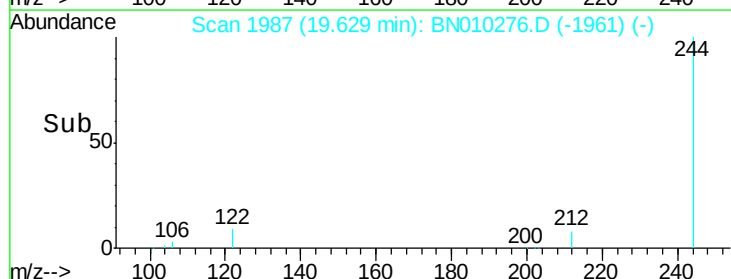
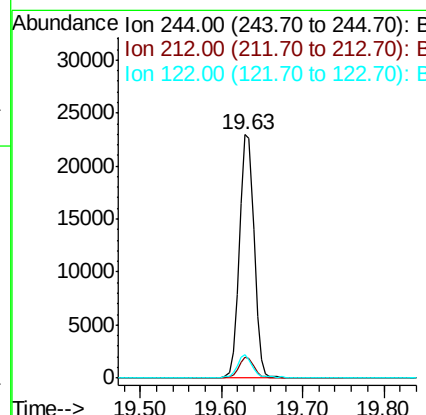
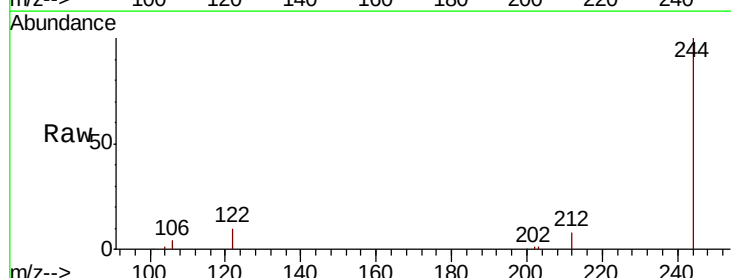
RT: 19.63 min Scan# 1987

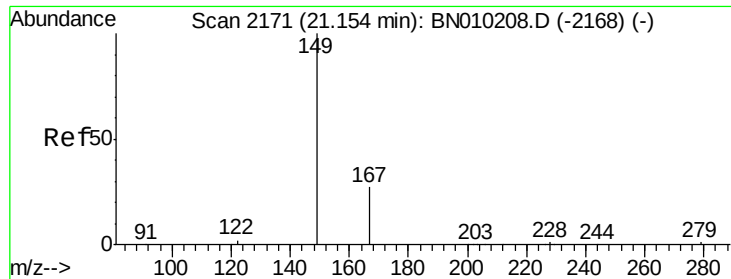
Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	9.8	8.1	12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng/ml

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

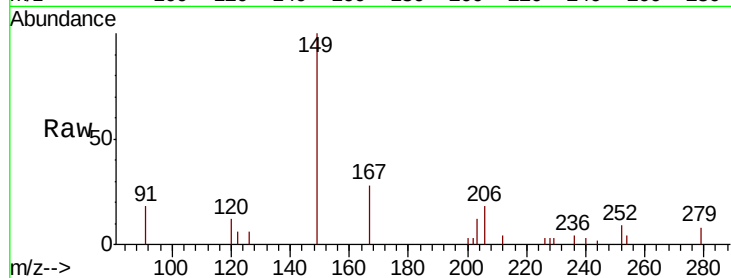
ClientSampleId :

RE104D1-20200312

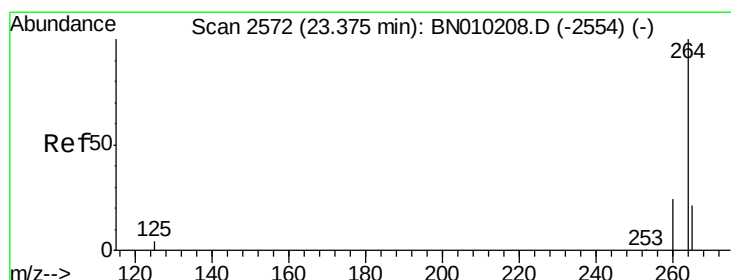
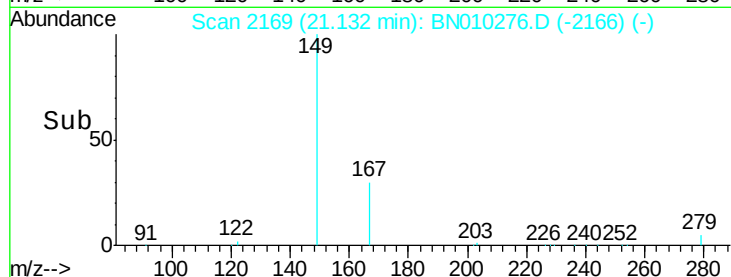
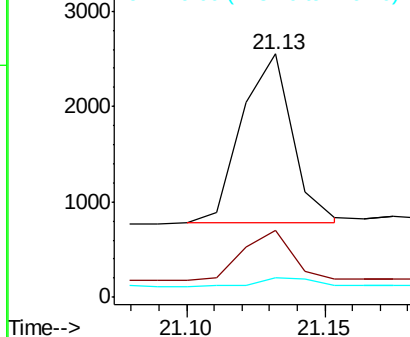
Tot Ion:	149	Resp:	2252
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	4.4	3.1	4.7

Manual Integrations
APPROVED

mohammad
3/19/2020 2:43:15 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/ml

RT: 23.35 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Tgt Ion:	264	Resp:	25728
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.7	29.5
265	38.9	25.8	38.6

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

