

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011050.D
 Acq On : 24 Jun 2020 16:14
 Operator : CG/JU
 Sample : L3033-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY032MW006-200616

Manual Integrations
 APPROVED

mohammad
 6/25/2020 1:07:00 PM

Quant Time: Jun 25 10:02:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	46081	0.40	ng	-0.05
7) Naphthalene-d8	10.25	136	43898m	0.40	ng	-0.01
13) Acenaphthene-d10	14.14	164	9884	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	13365	0.40	ng	0.00
29) Chrysene-d12	21.11	240	11638	0.40	ng	0.00
36) Perylene-d12	23.25	264	12144	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3312m	0.03	ng	0.02
5) Phenol-d6	6.75	99	5037	0.03	ng	0.04
8) Nitrobenzene-d5	8.67	82	39628	0.99	ng	0.03
11) 2-Methylnaphthalene-d10	11.87	152	9247m	0.12	ng	0.01
14) 2,4,6-Tribromophenol	15.65	330	1478	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.77	172	10754	0.23	ng	0.01
27) Fluoranthene-d10	18.94	212	12880	0.30	ng	0.00
31) Terphenyl-d14	19.55	244	13444	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	12888922m	208.056	ng	Qvalue
6) bis(2-Chloroethyl)ether	6.99	93	3435382	25.858	ng	96
9) Naphthalene	10.33	128	1330005	9.975	ng	99
12) 2-Methylnaphthalene	11.95	142	123336	1.381	ng	# 94
18) Fluorene	15.20	166	2310	0.054	ng	# 53
28) Fluoranthene	18.97	202	1080	0.021	ng	# 78
34) Bis(2-ethylhexyl)phthalate	21.05	149	6985	0.431	ng	# 84

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

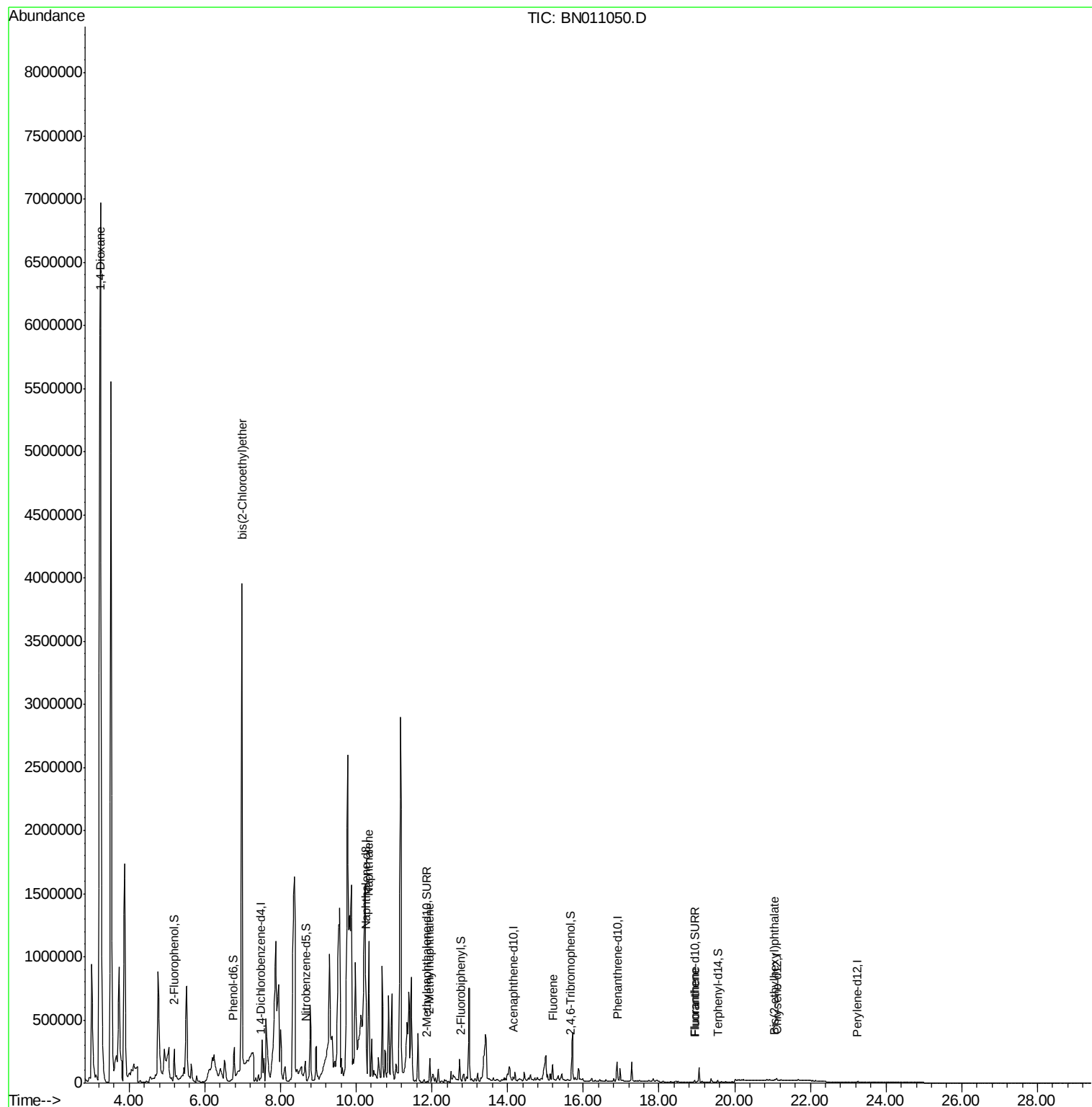
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011050.D
Acq On : 24 Jun 2020 16:14
Operator : CG/JU
Sample : L3033-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

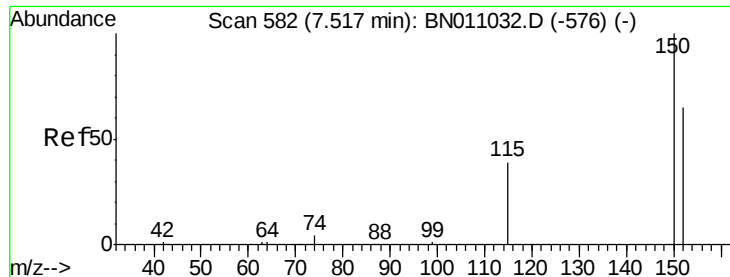
Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:00 PM

Quant Time: Jun 25 10:02:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration





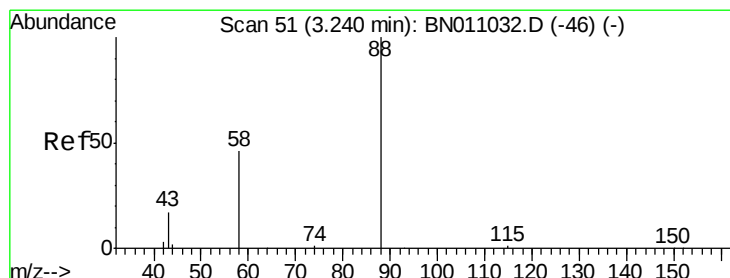
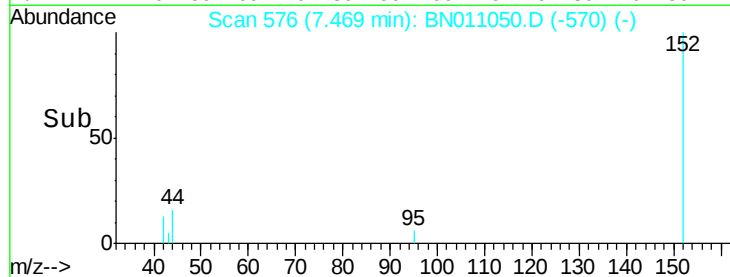
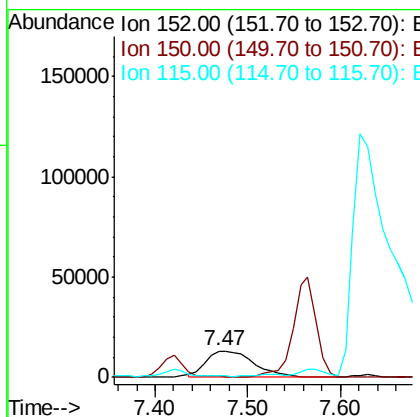
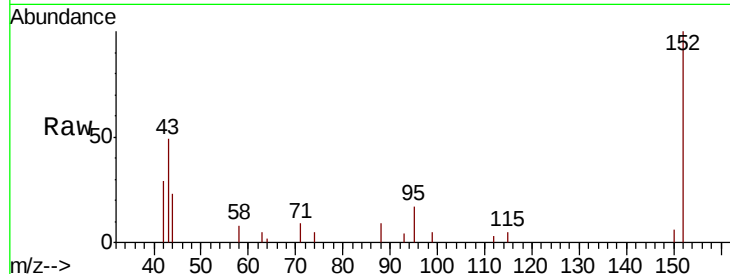
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.47 min Scan# 576
 Delta R.T. -0.05 min
 Lab File: BN011050.D
 Acq: 24 Jun 2020 16:14

Instrument :
 BNA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
152	100		
150	5.7	121.8	182.8#
115	4.8	50.2	75.2#

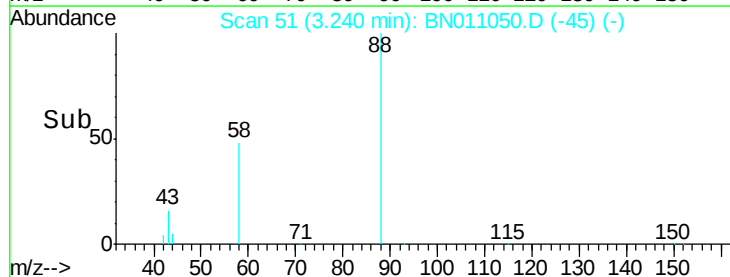
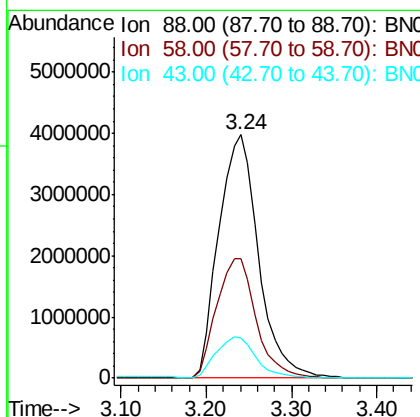
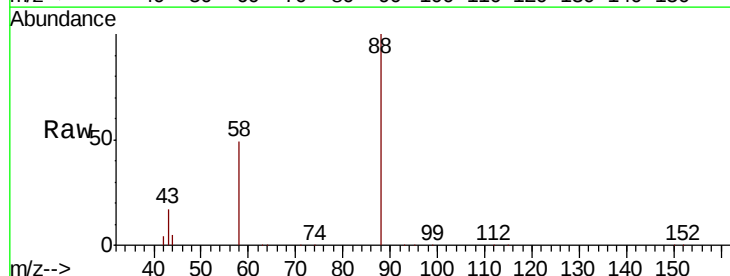
Manual Integrations
 APPROVED

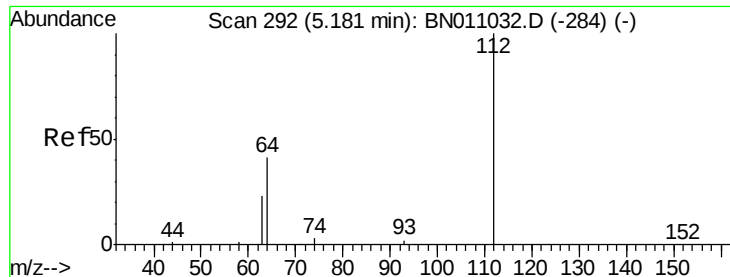
mohammad
 6/25/2020 1:07:00 PM



#2
 1,4-Dioxane
 Concen: 208.056 ng m
 RT: 3.24 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BN011050.D
 Acq: 24 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	46.9	38.4	57.6
43	16.1	14.2	21.4





#4

2-Fluorophenol

Concen: 0.025 ng/ml

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN011050.D

Acq: 24 Jun 2020 16:14

Instrument :

BNA_N

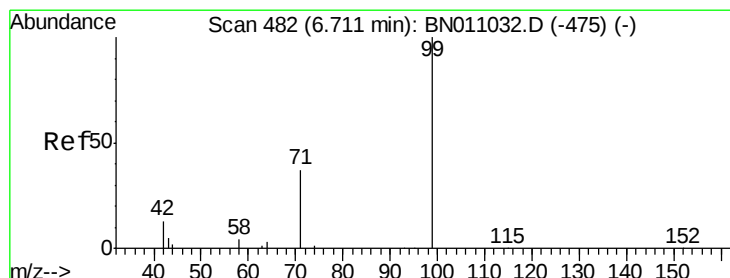
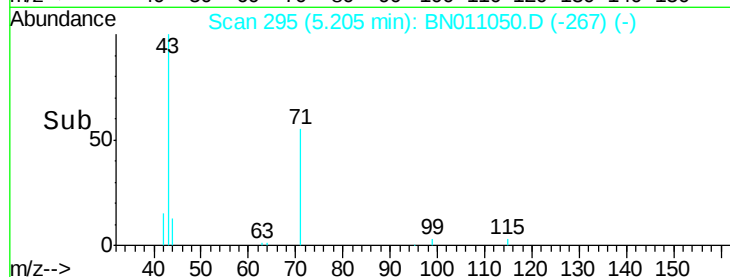
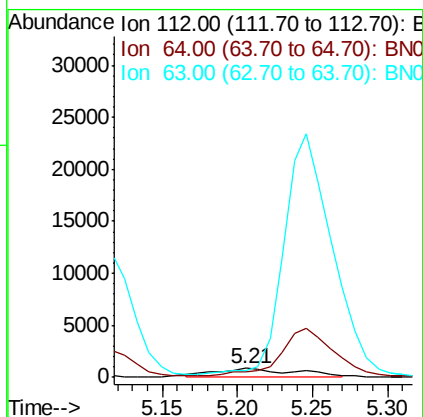
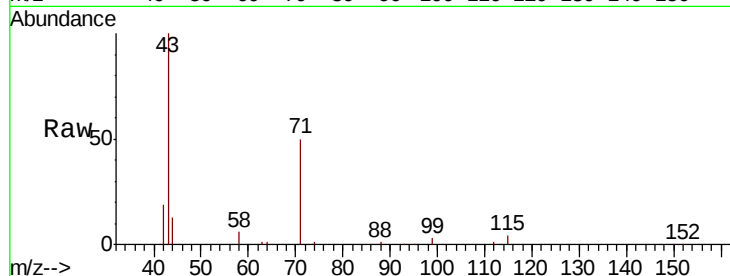
ClientSampleId :

KY032MW006-200616

Tot Ion:	112	Resp:	3312
Ion Ratio	Lower	Upper	
112	100		
64	33.8	37.3	55.9#
63	129.8	20.4	30.6#

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:00 PM



#5

Phenol-d6

Concen: 0.033 ng/ml

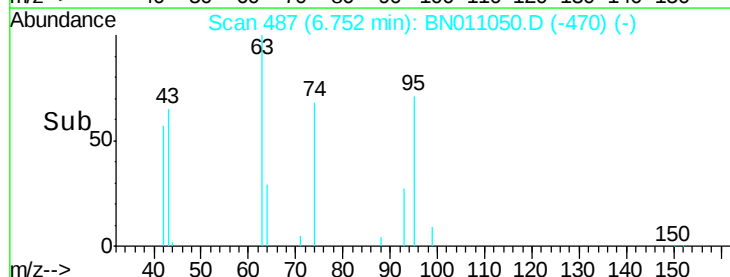
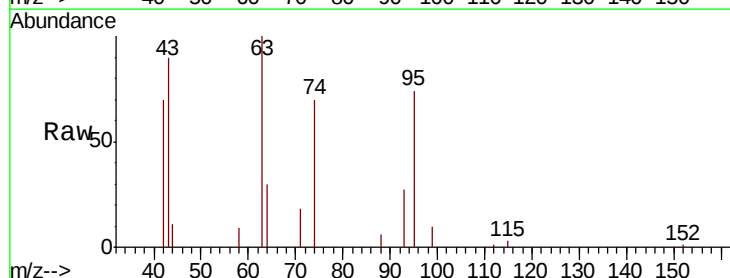
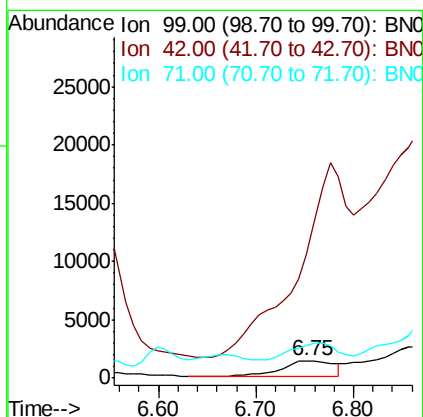
RT: 6.75 min Scan# 487

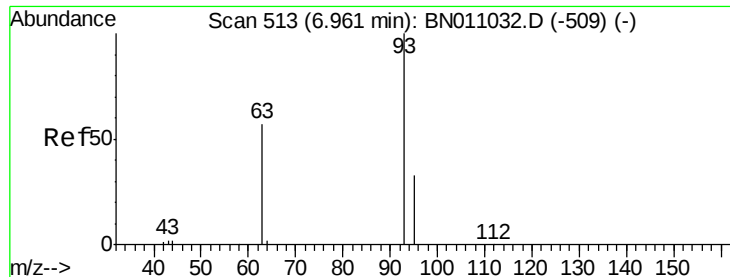
Delta R.T. 0.04 min

Lab File: BN011050.D

Acq: 24 Jun 2020 16:14

Tgt Ion:	99	Resp:	5037
Ion Ratio	Lower	Upper	
99	100		
42	0.0	10.6	16.0#
71	0.0	28.7	43.1#





#6

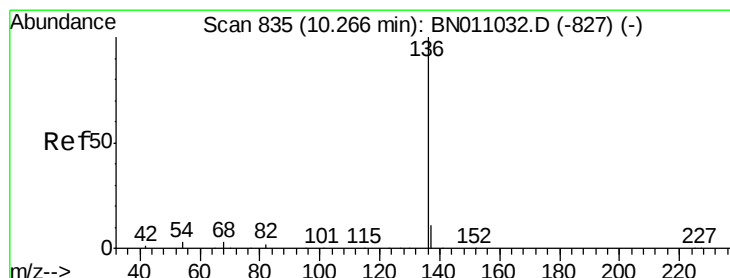
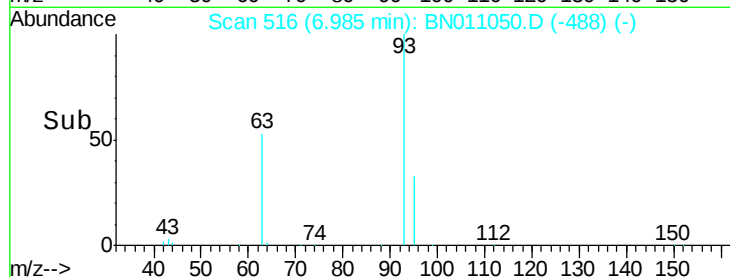
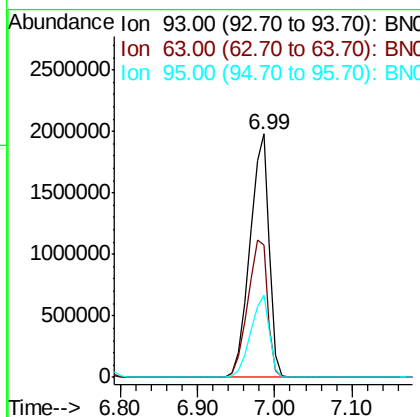
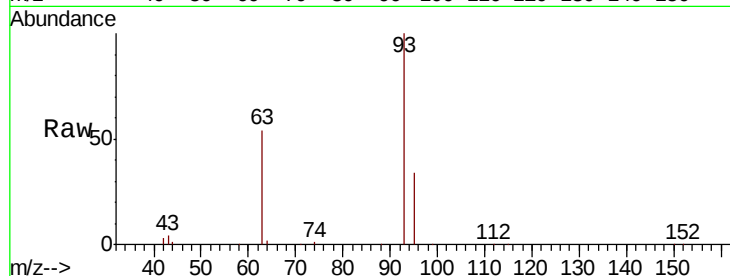
bis(2-Chloroethyl)ether
Concen: 25.858 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.02 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion: 93 Resp: 3435382
Ion Ratio Lower Upper
93 100
63 58.2 43.7 65.5
95 33.2 25.3 37.9

Manual Integrations
APPROVED

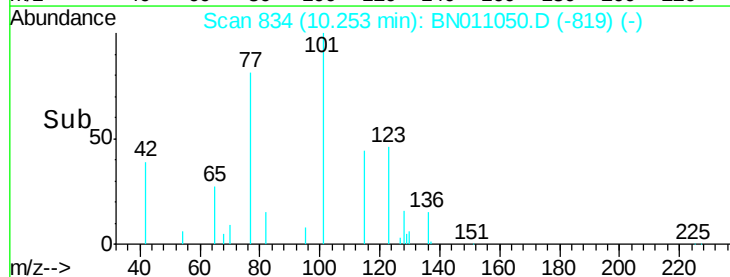
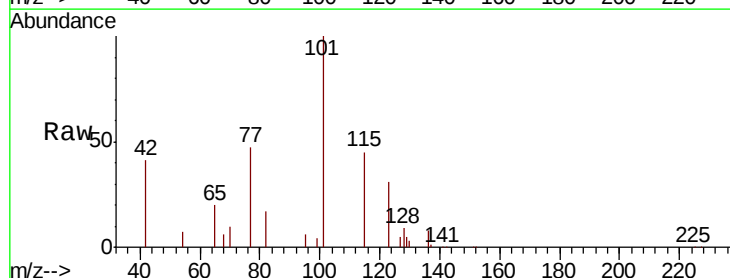
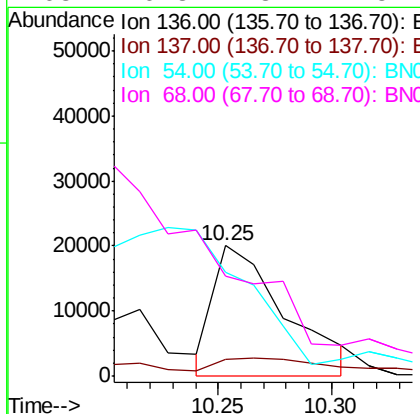
mohammad
6/25/2020 1:07:00 PM

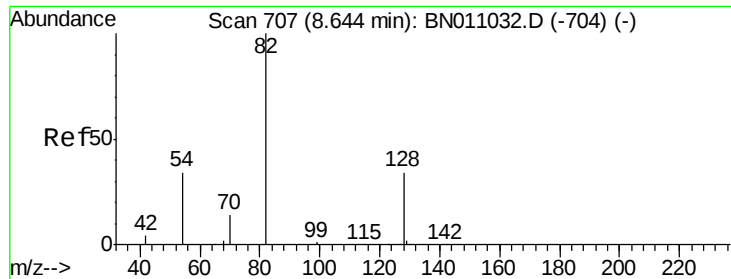


#7

Naphthalene-d8
Concen: 0.400 ng m
RT: 10.25 min Scan# 834
Delta R.T. -0.01 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Tgt Ion: 136 Resp: 43898
Ion Ratio Lower Upper
136 100
137 12.4 9.6 14.4
54 79.4 3.0 4.4#
68 76.3 3.4 5.2#





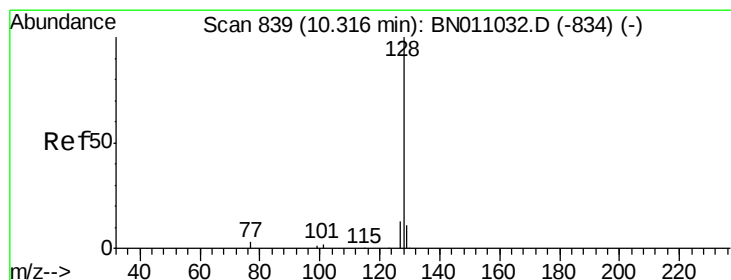
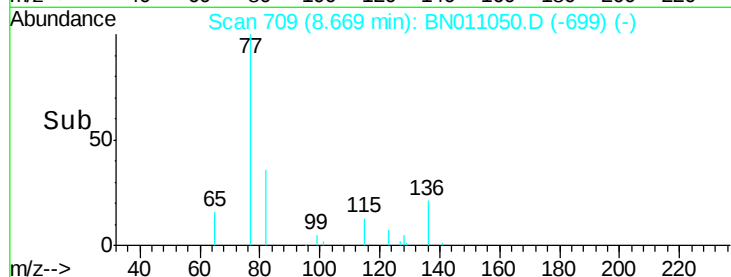
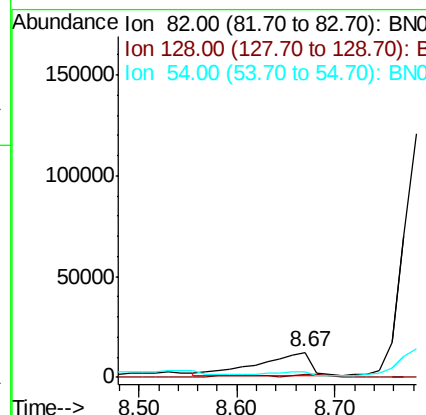
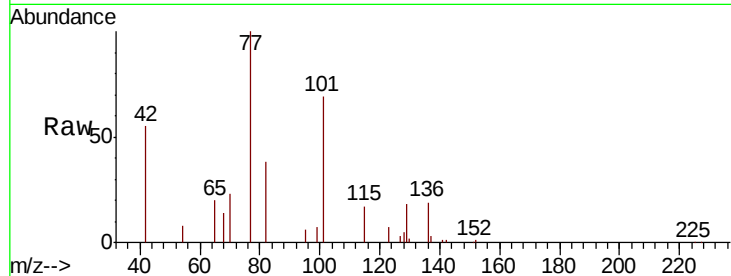
#8
Nitrobenzene-d5
Concen: 0.991 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.03 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
82	100		
128	13.4	29.4	44.2#
54	21.1	28.8	43.2#

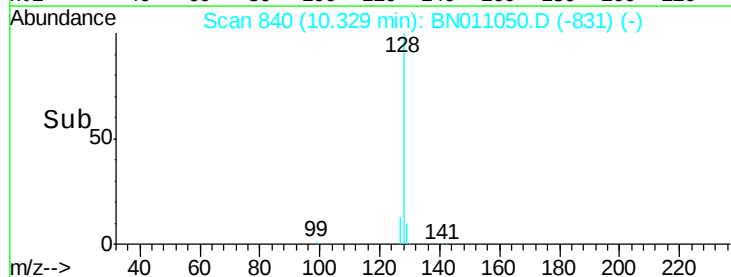
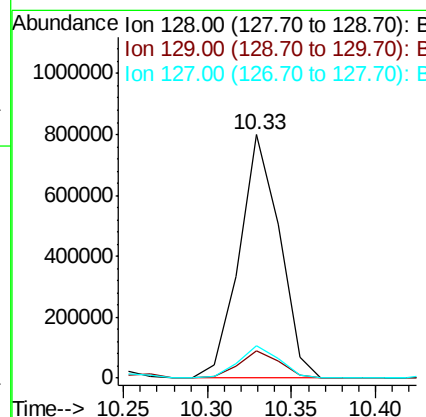
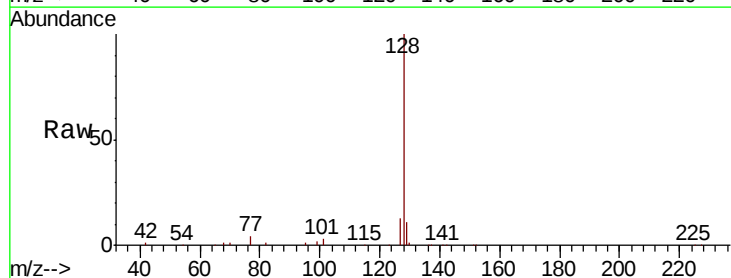
Manual Integrations
APPROVED

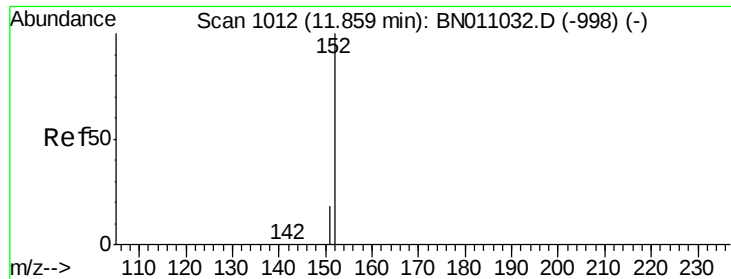
mohammad
6/25/2020 1:07:00 PM



#9
Naphthalene
Concen: 9.975 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.01 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	13.4	10.9	16.3





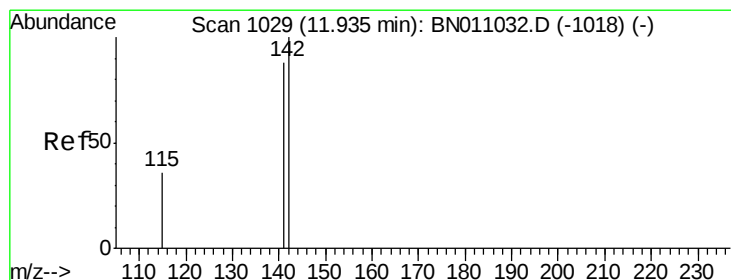
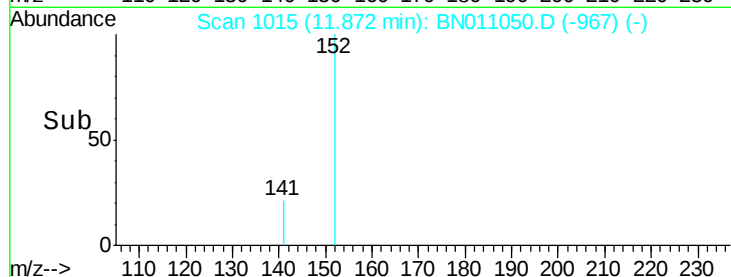
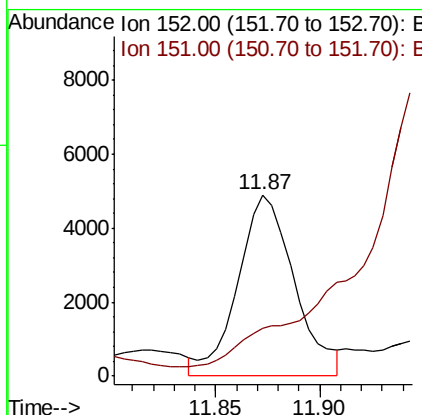
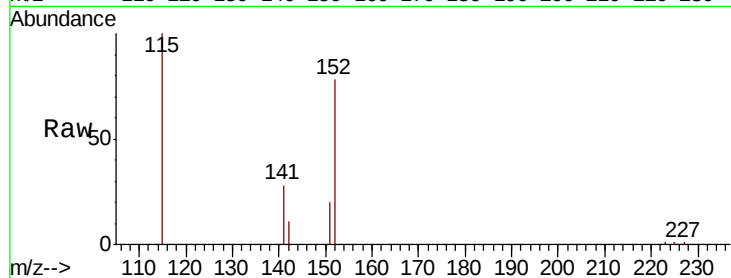
#11
2-Methylnaphthalene-d10
Concen: 0.119 ng/ml
RT: 11.87 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion:152 Resp: 9247
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.4#

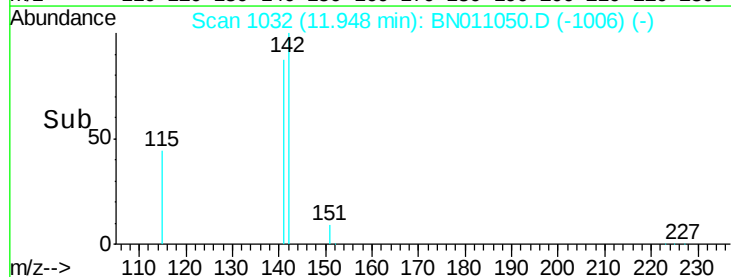
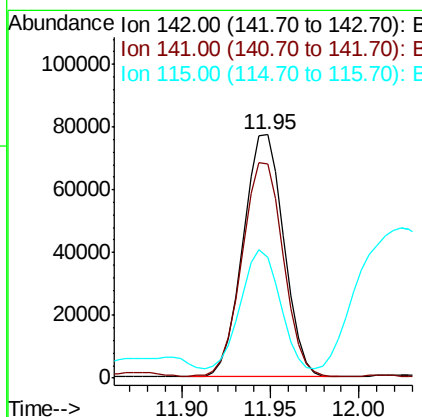
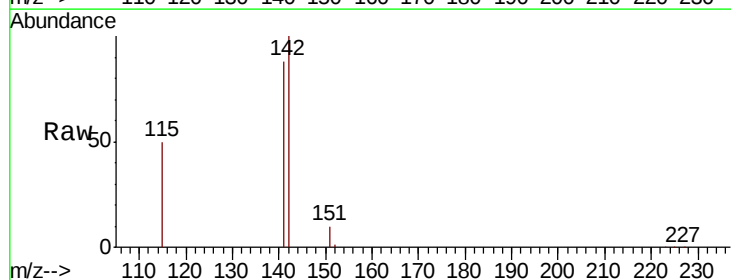
Manual Integrations
APPROVED

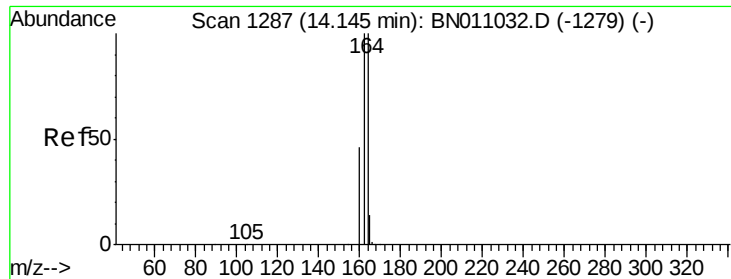
mohammad
6/25/2020 1:07:00 PM



#12
2-Methylnaphthalene
Concen: 1.381 ng/ml
RT: 11.95 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Tgt Ion:142 Resp: 123336
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 49.7 30.2 45.2#





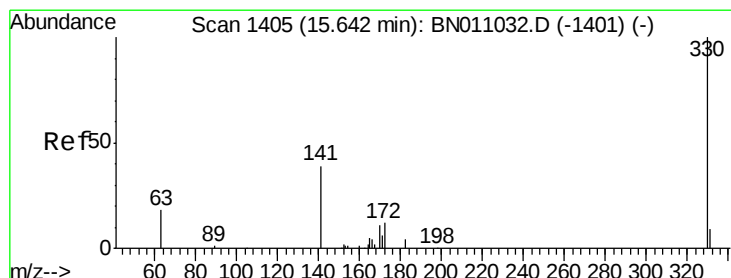
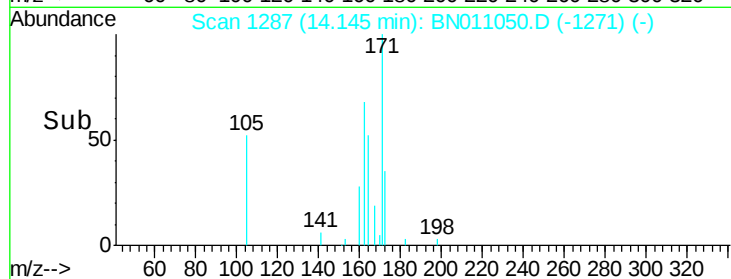
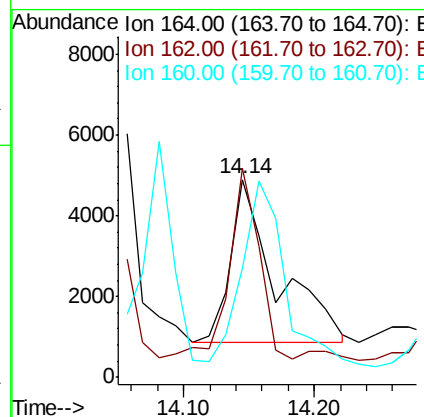
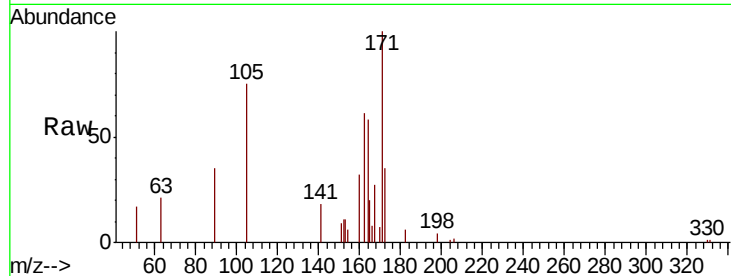
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.14 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BN011050.D
 Acq: 24 Jun 2020 16:14

Instrument :
 BNA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	80.2	120.4
160	55.4	37.7	56.5

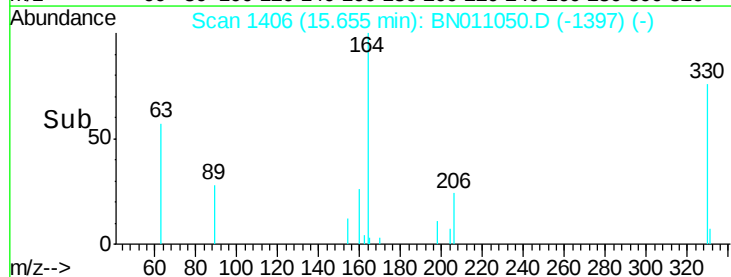
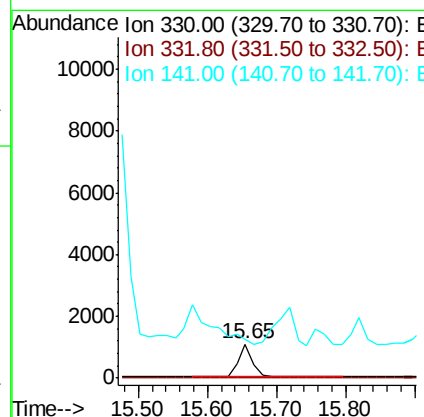
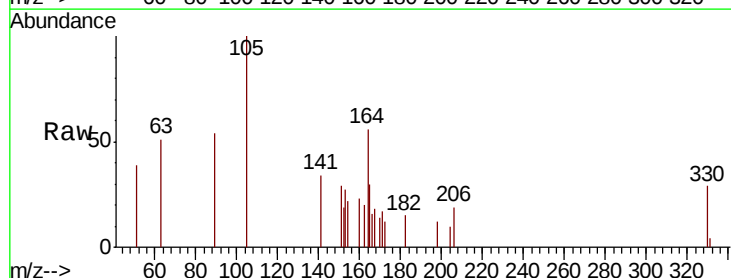
Manual Integrations
 APPROVED

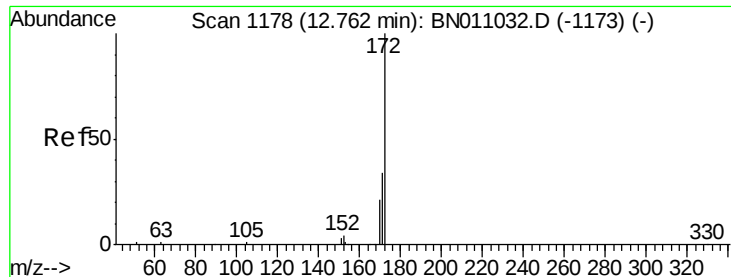
mohammad
 6/25/2020 1:07:00 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.340 ng
 RT: 15.65 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BN011050.D
 Acq: 24 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	34.5	51.7#





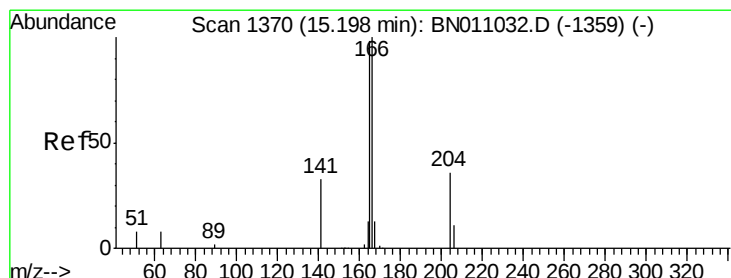
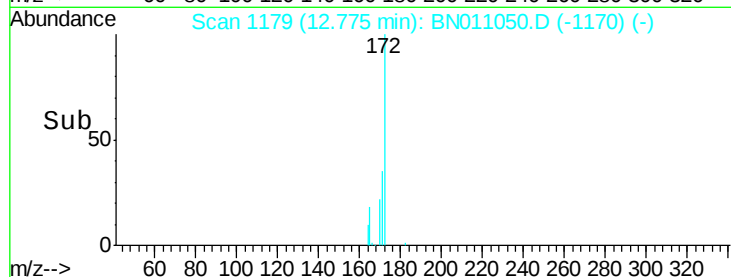
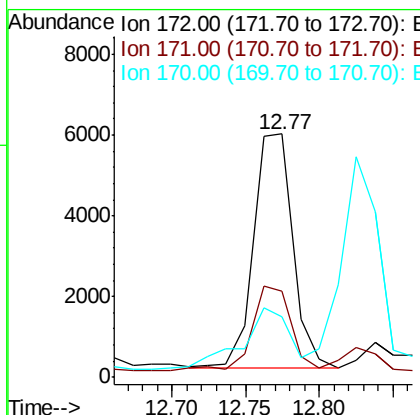
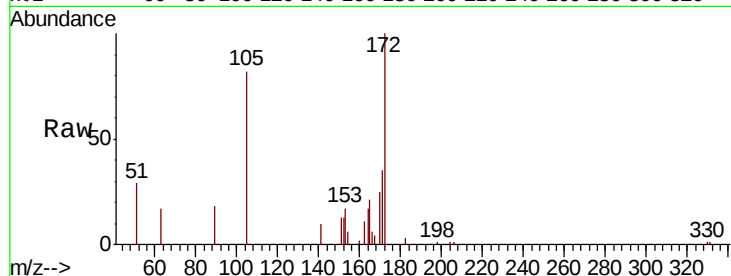
#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.2
170	24.6	17.5	26.3

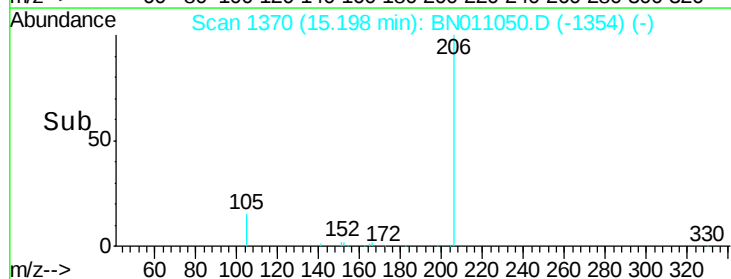
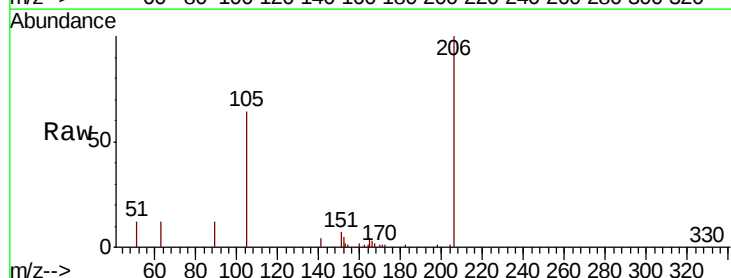
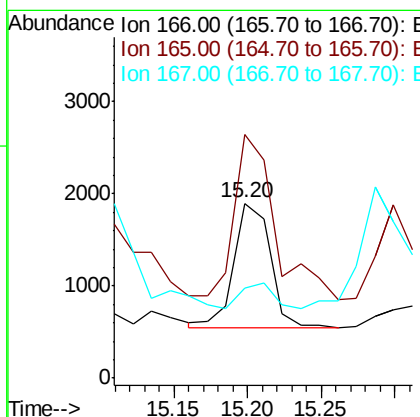
Manual Integrations
APPROVED

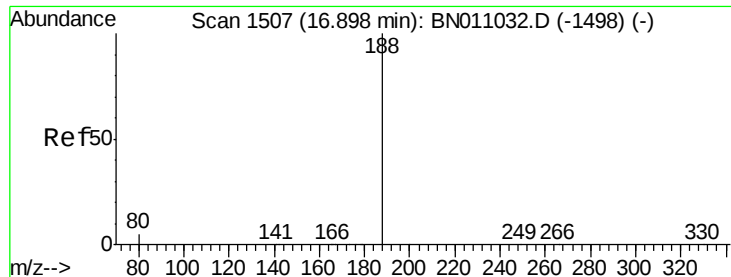
mohammad
6/25/2020 1:07:00 PM



#18
Fluorene
Concen: 0.054 ng
RT: 15.20 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	147.9	77.8	116.8#
167	18.4	10.8	16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011050.D

Acq: 24 Jun 2020 16:14

Instrument :

BNA_N

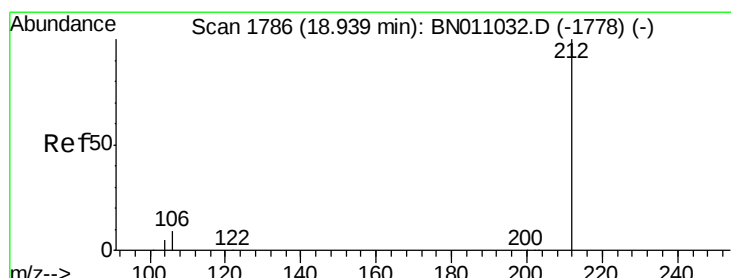
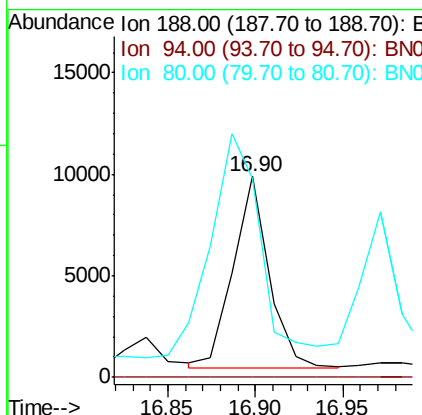
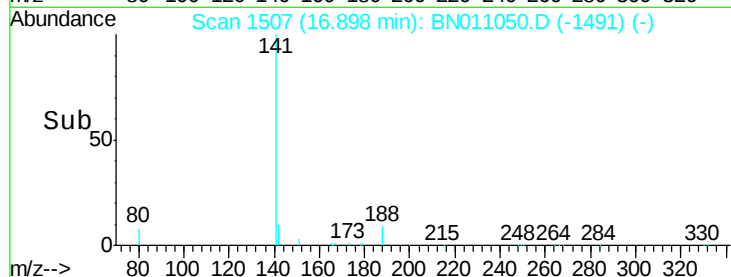
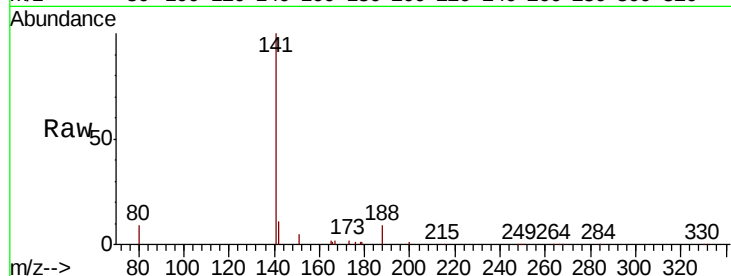
ClientSampleId :

KY032MW006-200616

Tot Ion:	188	Resp:	13365
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	99.1	4.6	7.0#

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:00 PM



#27

Fluoranthene-d10

Concen: 0.305 ng

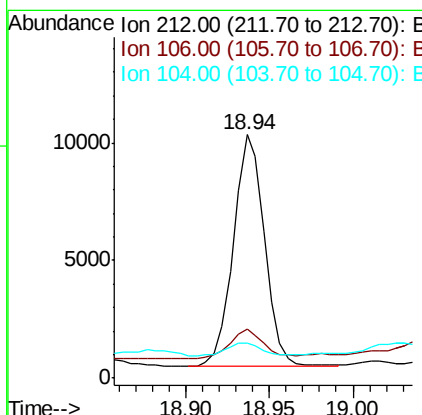
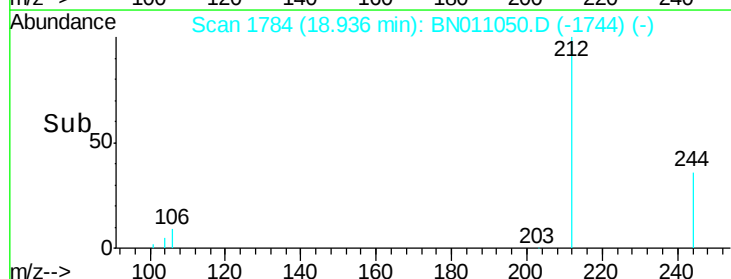
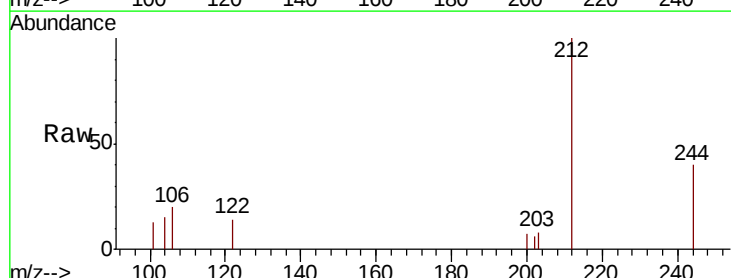
RT: 18.94 min Scan# 1784

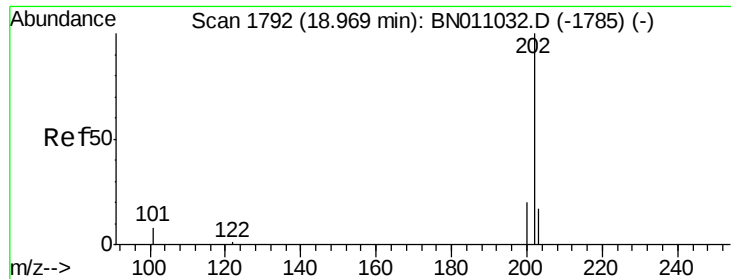
Delta R.T. -0.00 min

Lab File: BN011050.D

Acq: 24 Jun 2020 16:14

Tgt Ion:	212	Resp:	12880
Ion Ratio	Lower	Upper	
212	100		
106	14.5	7.7	11.5#
104	5.4	4.6	6.8





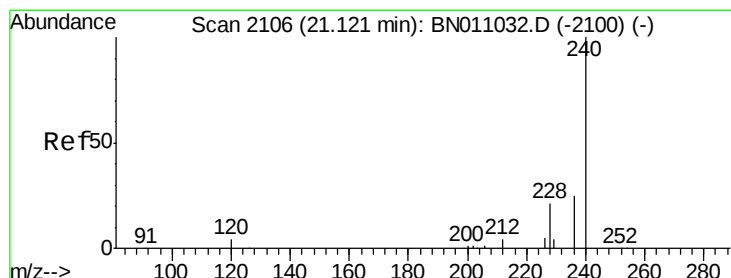
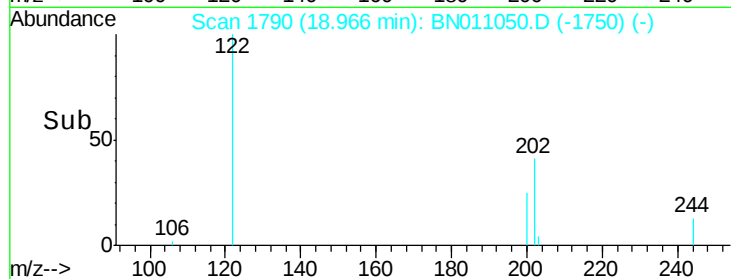
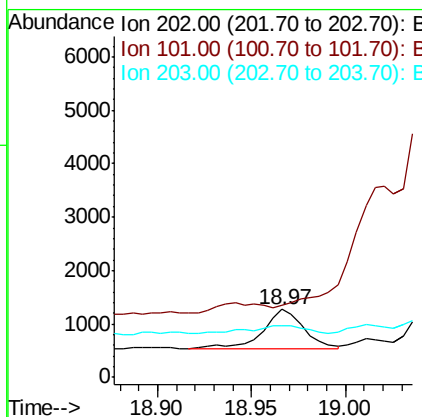
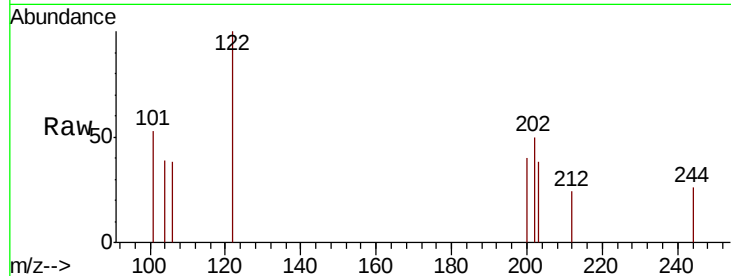
#28
 Fluoranthene
 Concen: 0.021 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011050.D
 Acq: 24 Jun 2020 16:14

Instrument :
 BNA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.6	10.0#
203	26.6	13.8	20.6#

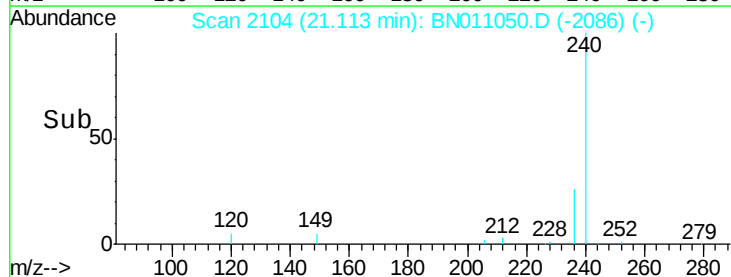
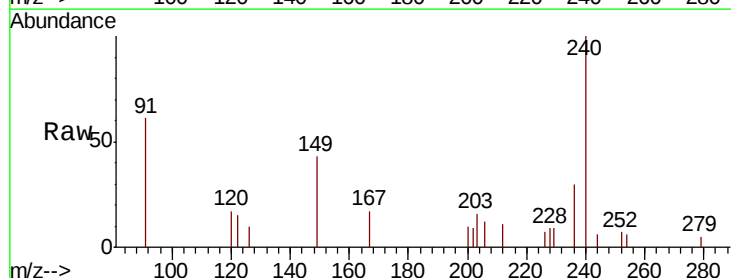
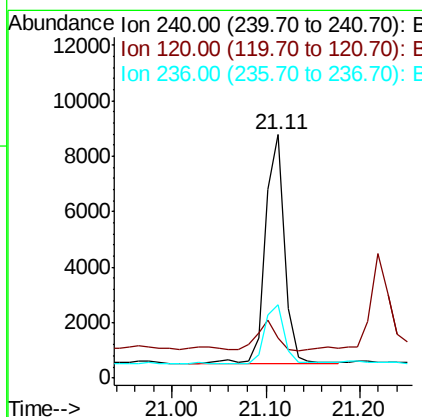
Manual Integrations
 APPROVED

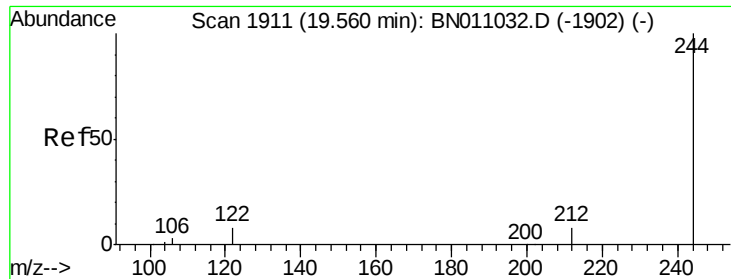
mohammad
 6/25/2020 1:07:00 PM



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN011050.D
 Acq: 24 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.4	8.0#
236	30.3	21.4	32.2





#31

Terphenyl-d14

Concen: 0.430 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011050.D

Acq: 24 Jun 2020 16:14

Instrument :

BNA_N

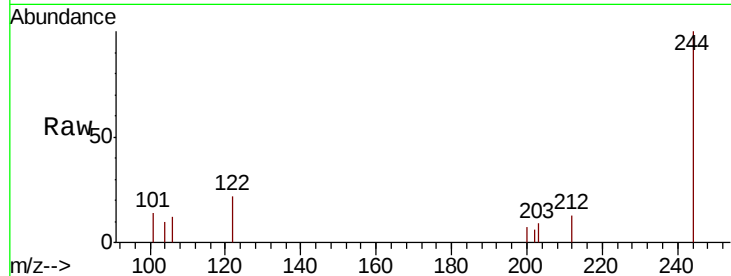
ClientSampleId :

KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
244	100		
212	13.4	6.9	10.3#
122	22.0	7.4	11.0#

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:00 PM

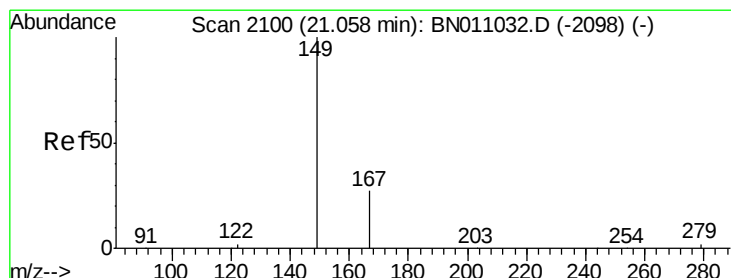
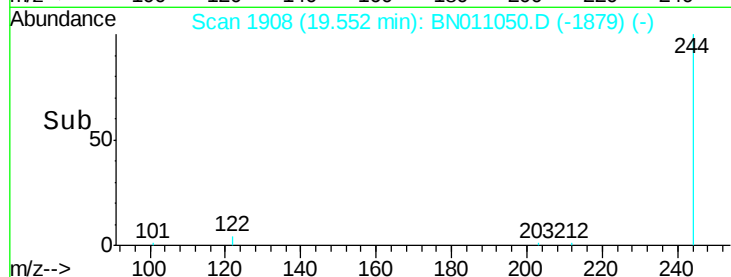
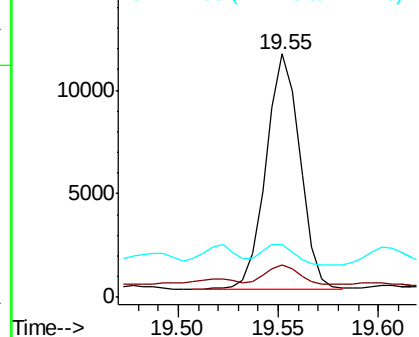


Abundance

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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.431 ng

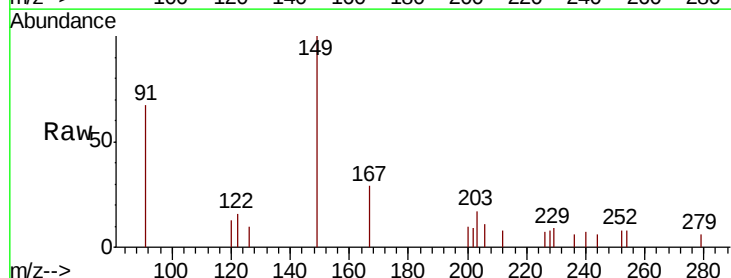
RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011050.D

Acq: 24 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	18.4	22.2	33.2#
279	3.1	3.9	5.9#

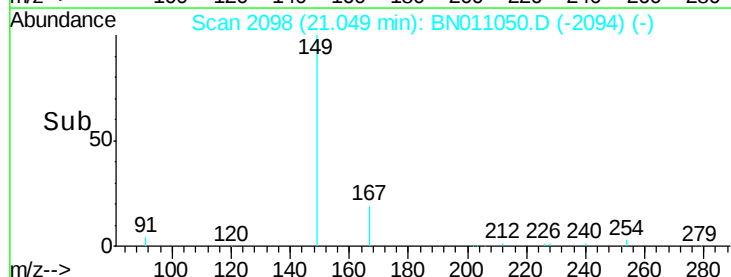
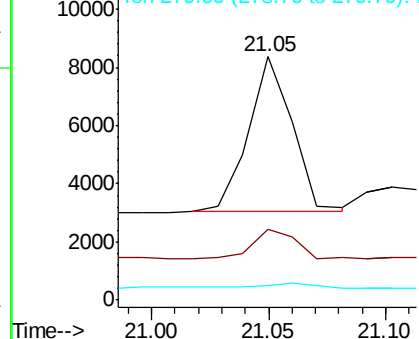


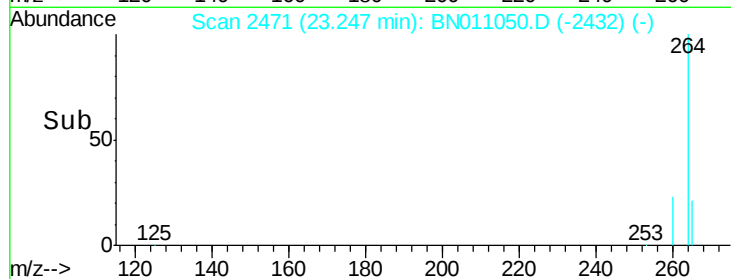
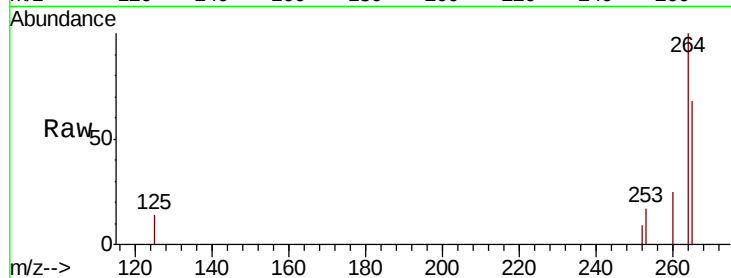
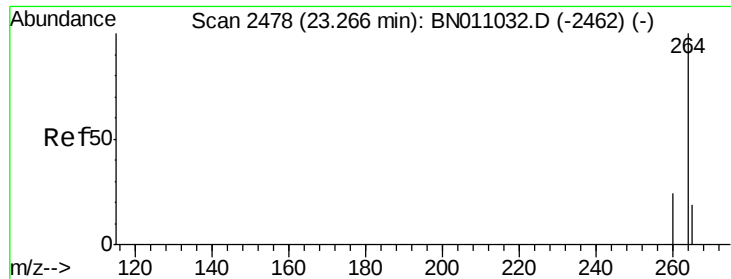
Abundance

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





#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BN011050.D
Acq: 24 Jun 2020 16:14

Tot Ion:	264	Resp:	12144
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.0	30.0
265	68.3	64.9	97.3

Instrument :
BNA_N
ClientSampleId :
KY032MW006-200616

Manual Integrations
APPROVED

mohammad
6/25/2020 1:07:00 PM

