

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010152.D
 Acq On : 09 Mar 2020 19:19
 Operator : CG/JU
 Sample : L1842-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200303

Manual Integrations
 APPROVED

mohammad
 3/10/2020 2:45:46 PM

Quant Time: Mar 09 22:33:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	721	0.40	ng	-0.03
7) Naphthalene-d8	10.15	136	2301	0.40	ng	-0.03
13) Acenaphthene-d10	14.00	164	1693	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3407	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3507	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3723	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	318	0.20	ng	-0.03
5) Phenol-d6	6.70	99	193m	0.10	ng	0.06
8) Nitrobenzene-d5	8.63	82	900m	0.47	ng	0.04
11) 2-Methylnaphthalene-d10	11.76	152	1597	0.36	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	284	0.44	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	2638	0.41	ng	-0.04
25) Fluoranthene-d10	18.83	212	4485	0.38	ng	-0.03
29) Terphenyl-d14	19.43	244	4050	0.48	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.05	88	101m	0.137	ng	Qvalue
32) Bis(2-ethylhexyl)phthalate	20.92	149	565	0.099	ng	# 94

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

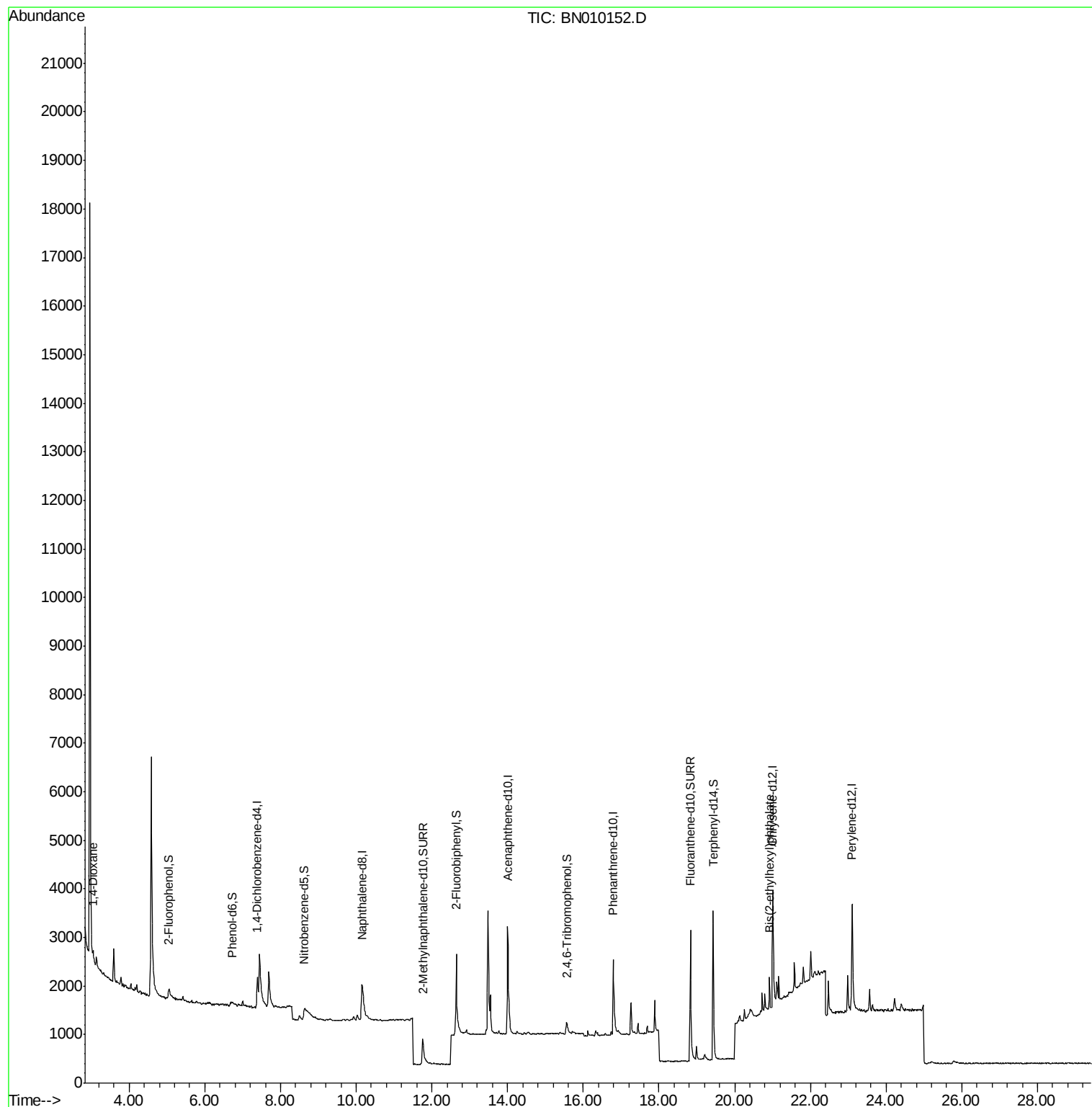
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010152.D
Acq On : 09 Mar 2020 19:19
Operator : CG/JU
Sample : L1842-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200303

Manual Integrations
APPROVED

mohammad
3/10/2020 2:45:46 PM

Quant Time: Mar 09 22:33:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration





#1

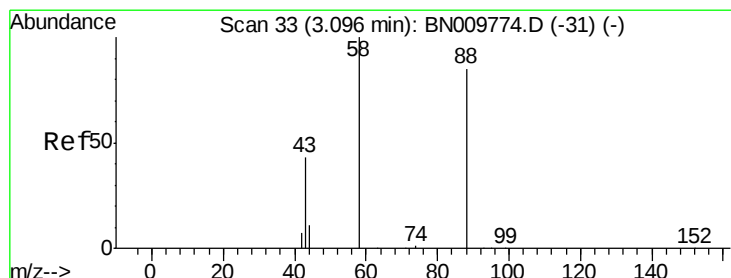
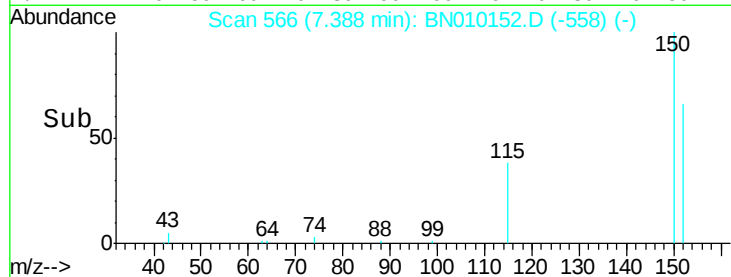
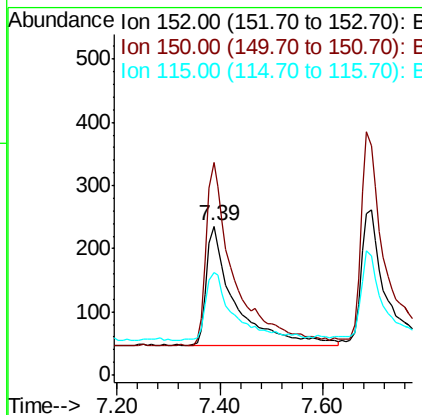
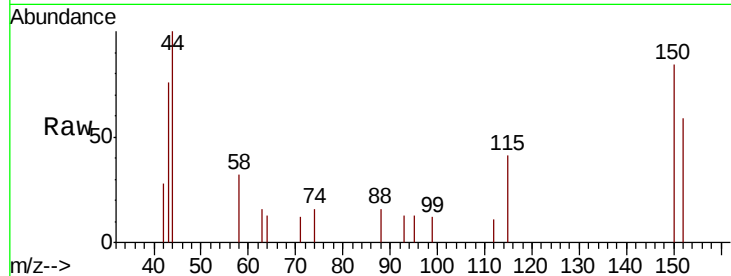
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200303

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	120.6	181.0
115	69.1	51.2	76.8

Manual Integrations
APPROVED

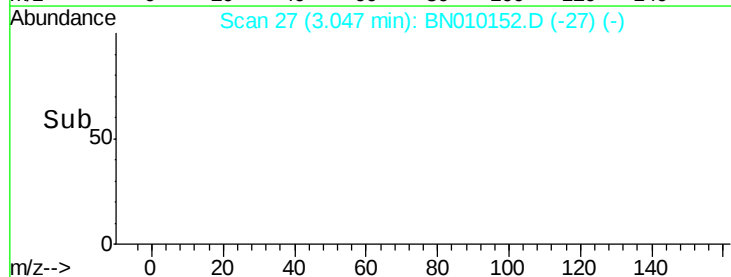
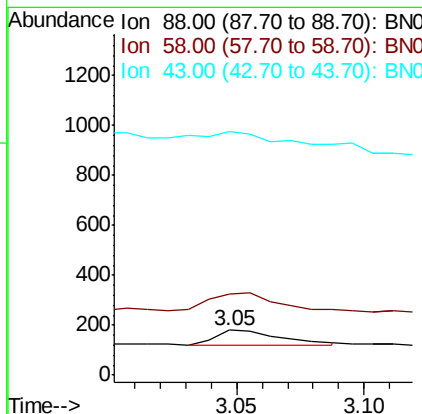
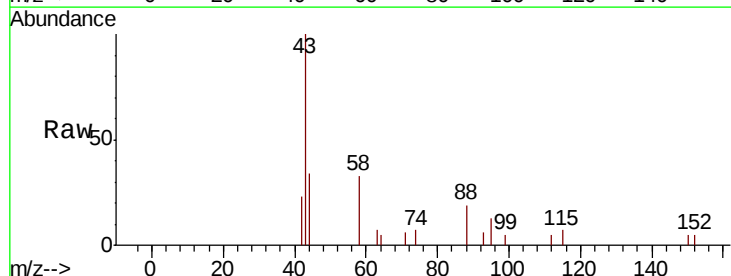
mohammad
3/10/2020 2:45:46 PM

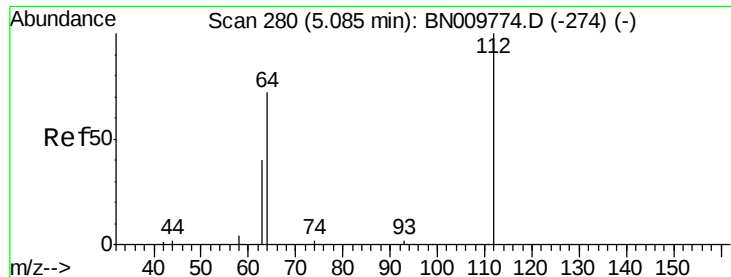


#2

1,4-Dioxane
Concen: 0.137 ng m
RT: 3.05 min Scan# 27
Delta R.T. -0.05 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.05 min Scan# 276

Delta R.T. -0.03 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

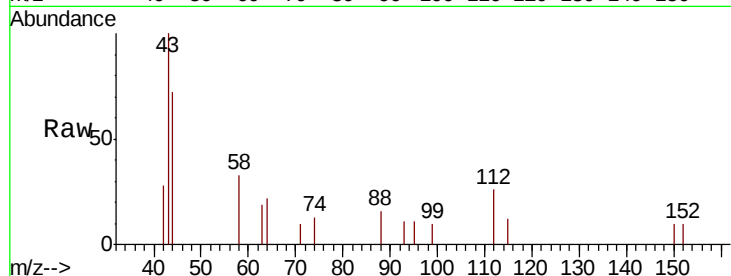
ClientSampleId :

RE117D1-20200303

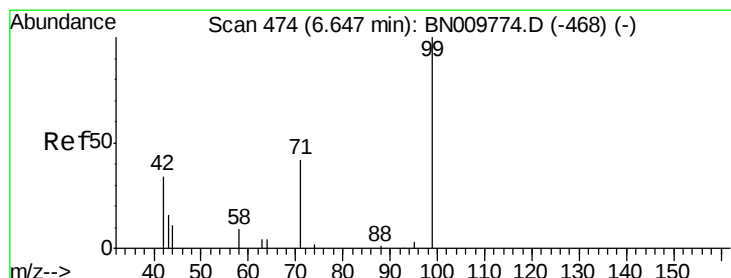
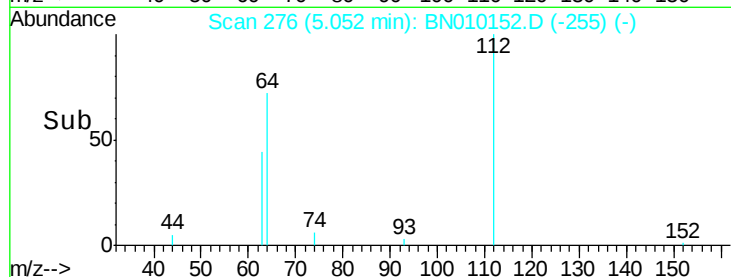
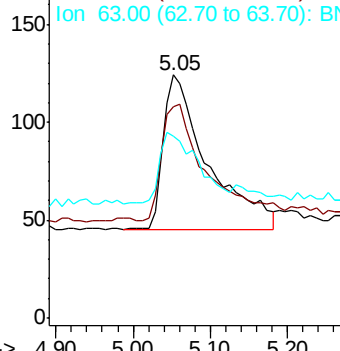
Tot Ion:	112	Resp:	318
Ion Ratio	Lower	Upper	
112	100		
64	77.0	65.8	98.6
63	39.9	38.7	58.1

Manual Integrations
APPROVED

mohammad
3/10/2020 2:45:46 PM



Abundance Ion 112.00 (111.70 to 112.70): BNC



#5

Phenol-d6

Concen: 0.099 ng m

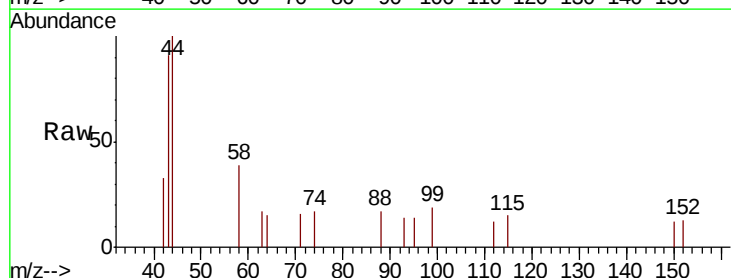
RT: 6.70 min Scan# 481

Delta R.T. 0.06 min

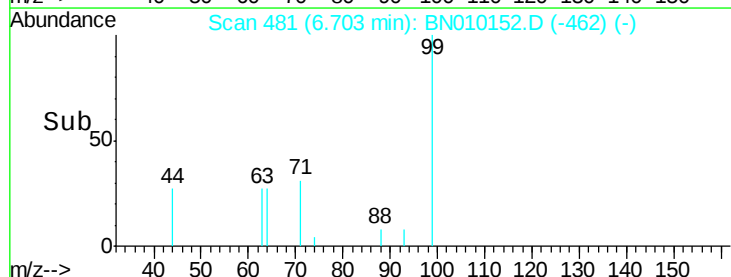
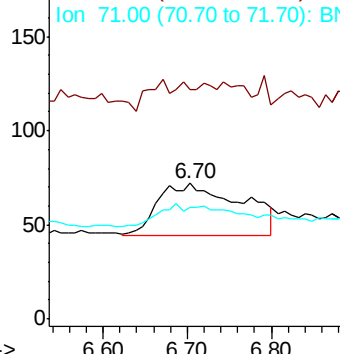
Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Tgt Ion:	99	Resp:	193
Ion Ratio	Lower	Upper	
99	100		
42	0.0	30.8	46.2#
71	0.5	34.9	52.3#



Abundance Ion 99.00 (98.70 to 99.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

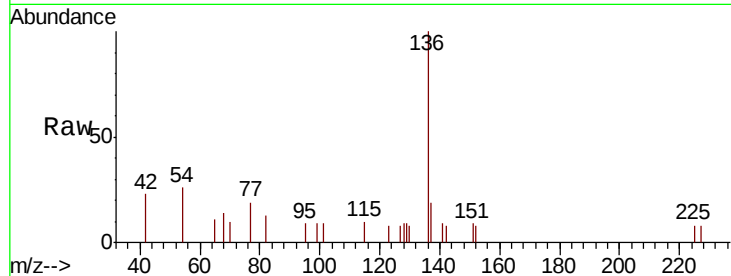
ClientSampleId :

RE117D1-20200303

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2301		
137	18.5	11.3	16.9#		
54	25.5	13.4	20.2#		
68	14.2	7.0	10.4#		

Manual Integrations
APPROVED

mohammad
3/10/2020 2:45:46 PM



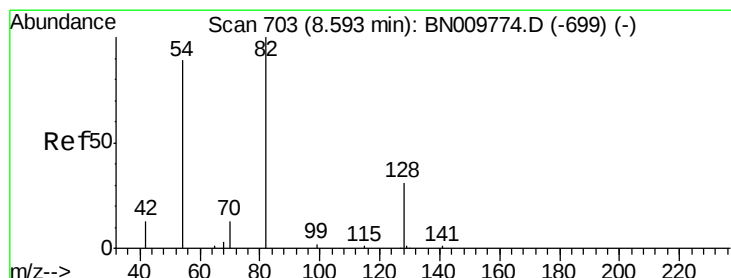
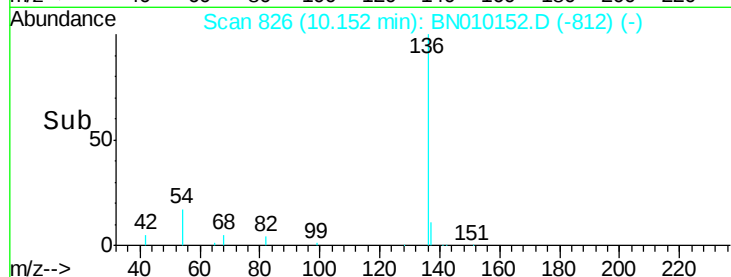
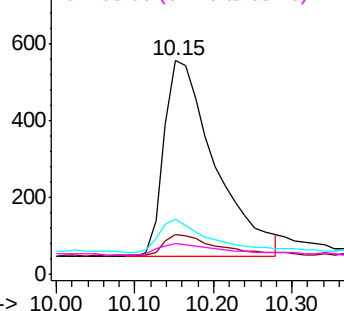
Abundance

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: 0.470 ng m

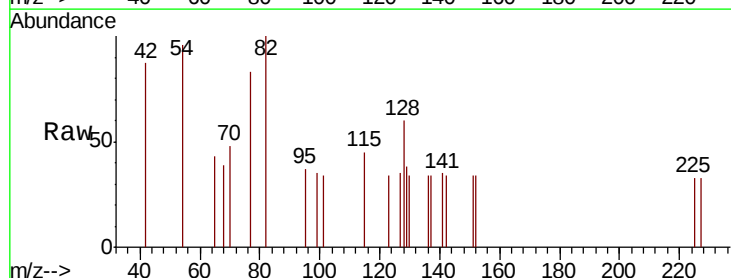
RT: 8.63 min Scan# 706

Delta R.T. 0.04 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		900		
128	59.9	32.5	48.7#		
54	96.4	73.5	110.3		

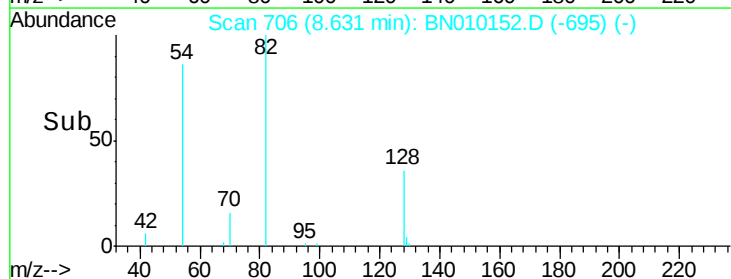
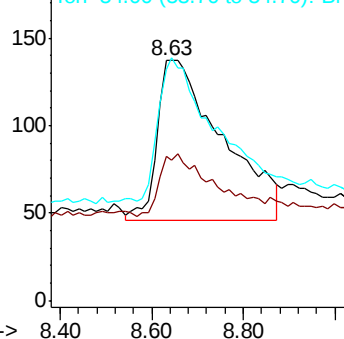


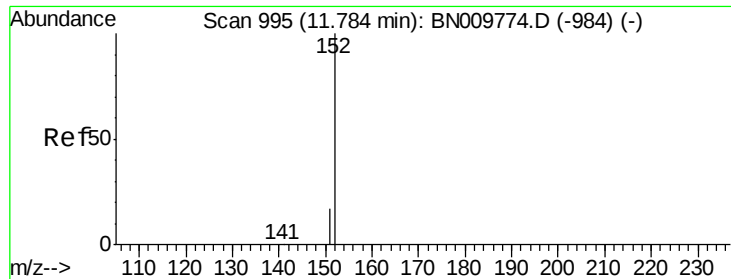
Abundance

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





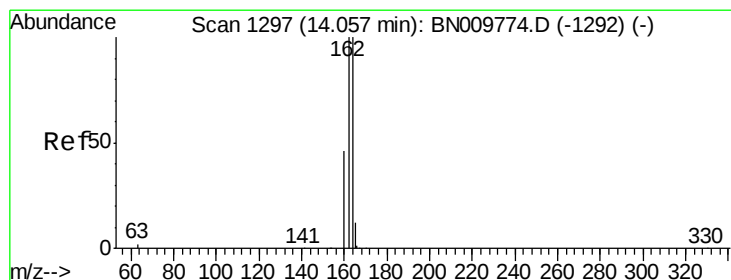
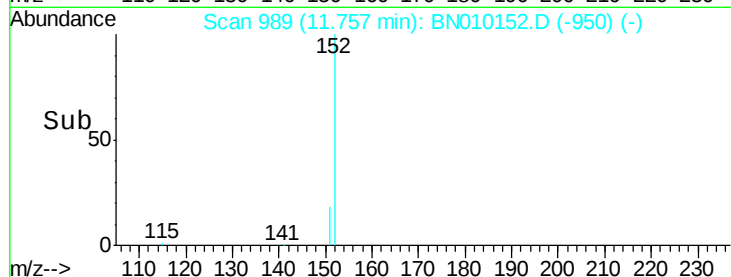
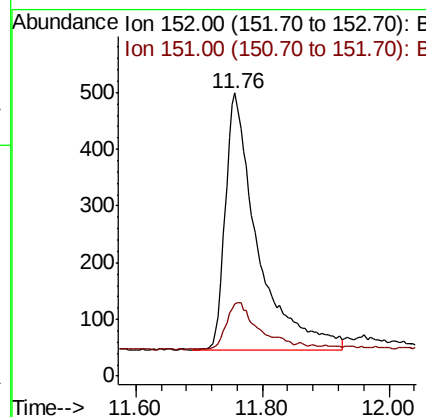
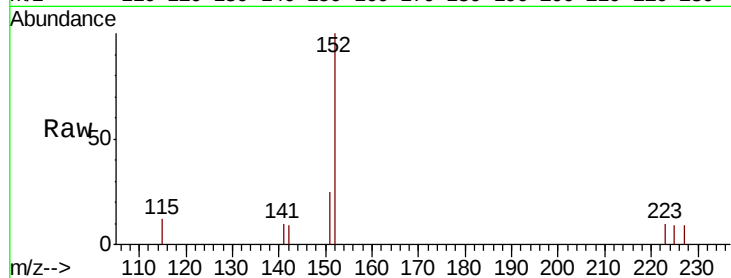
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.03 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200303

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.1	22.7

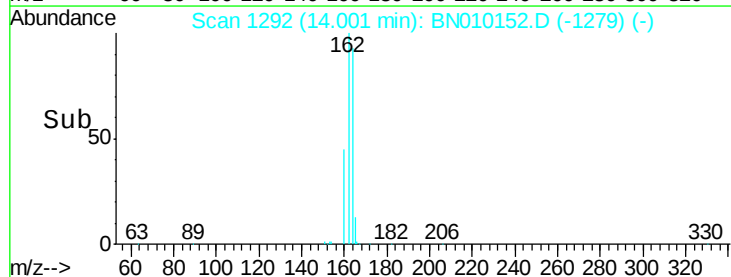
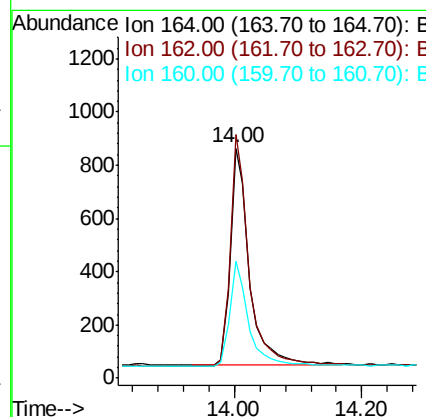
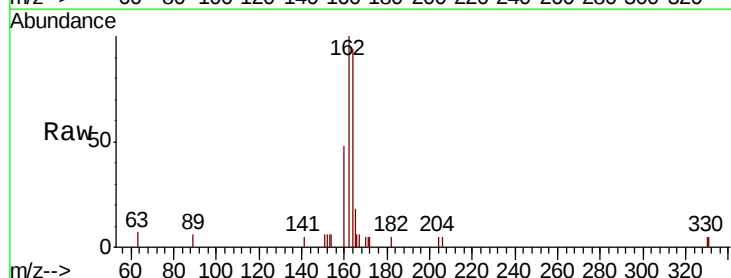
Manual Integrations
APPROVED

mohammad
3/10/2020 2:45:46 PM



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010152.D
Acq: 09 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	79.9	119.9
160	50.8	38.2	57.2





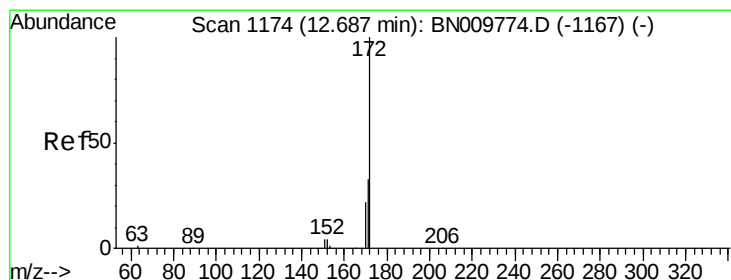
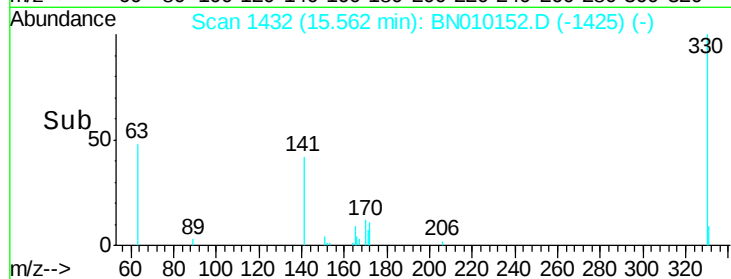
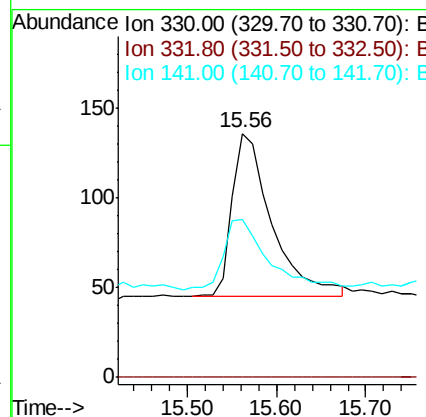
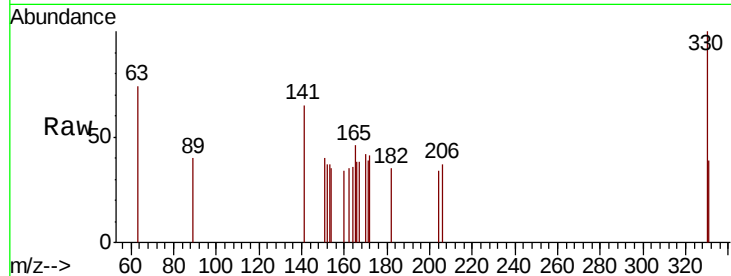
#14
 2,4,6-Tribromophenol
 Concen: 0.435 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010152.D
 Acq: 09 Mar 2020 19:19

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200303

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.9	36.8	55.2

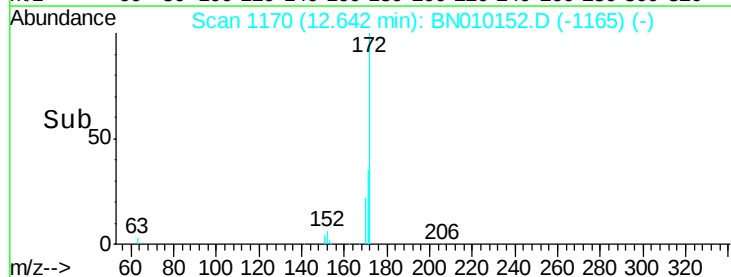
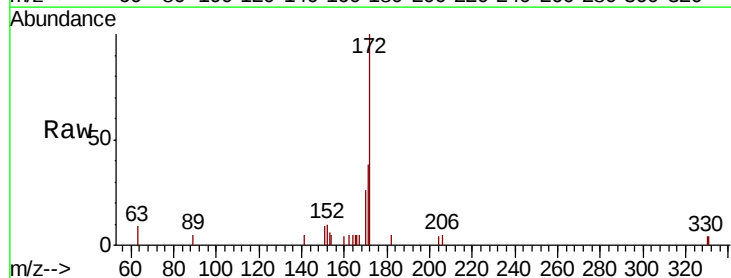
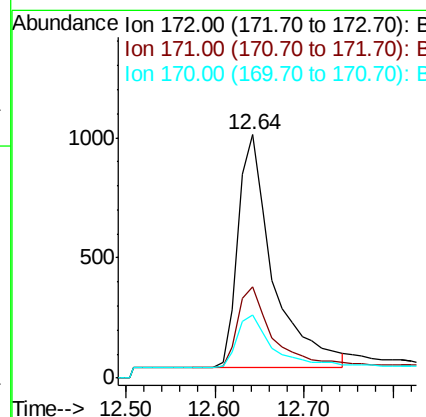
Manual Integrations
 APPROVED

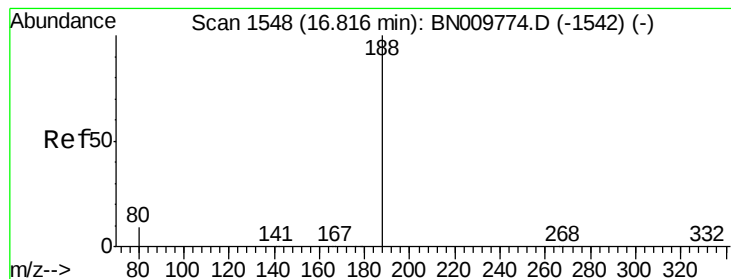
mohammad
 3/10/2020 2:45:46 PM



#15
 2-Fluorobiphenyl
 Concen: 0.413 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010152.D
 Acq: 09 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	25.9	20.1	30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

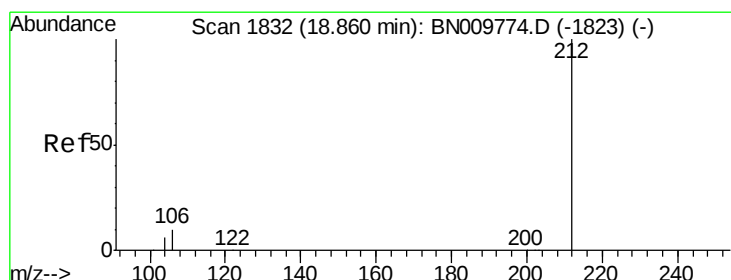
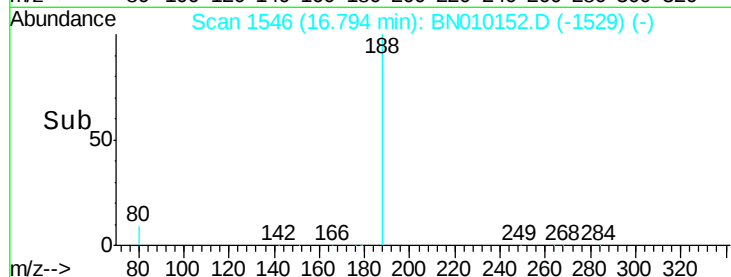
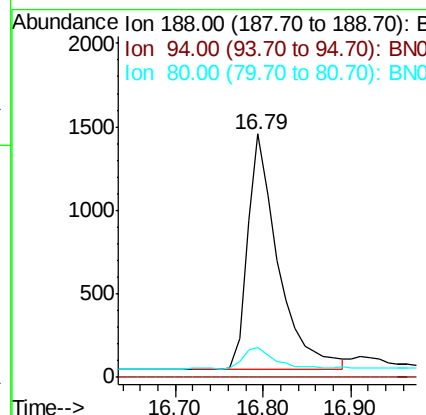
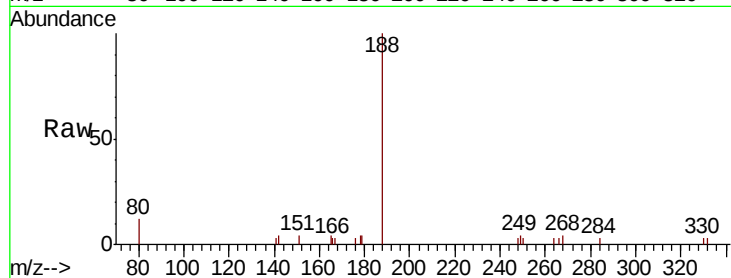
ClientSampleId :

RE117D1-20200303

Tot Ion:	188	Resp:	3407
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.2	8.3	12.5

Manual Integrations
APPROVED

mohammad
3/10/2020 2:45:46 PM



#25

Fluoranthene-d10

Concen: 0.381 ng

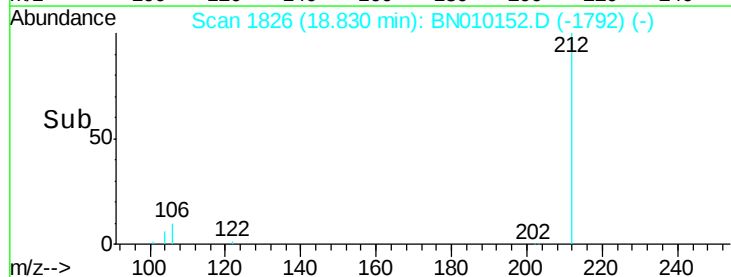
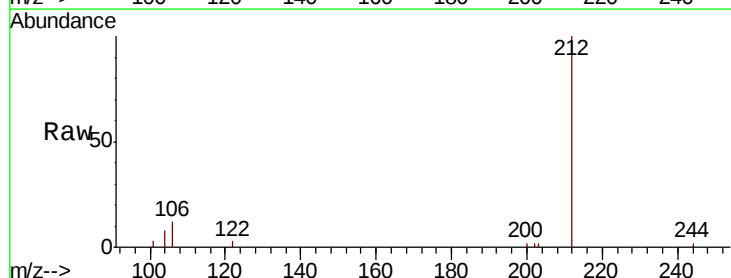
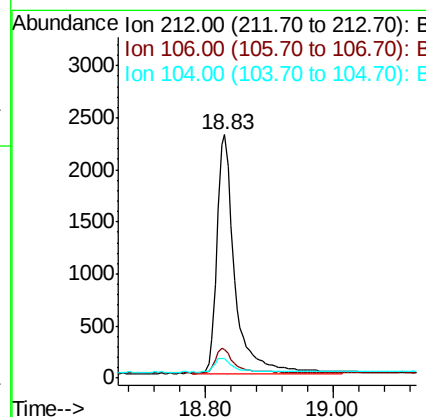
RT: 18.83 min Scan# 1826

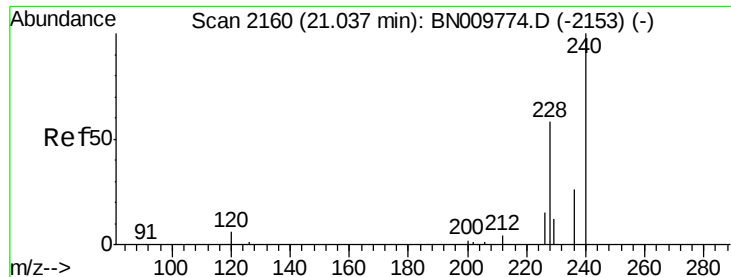
Delta R.T. -0.03 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Tgt Ion:	212	Resp:	4485
Ion Ratio	Lower	Upper	
212	100		
106	11.0	8.4	12.6
104	5.8	4.8	7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010152.D

Acq: 09 Mar 2020 19:19

Instrument :

BNA_N

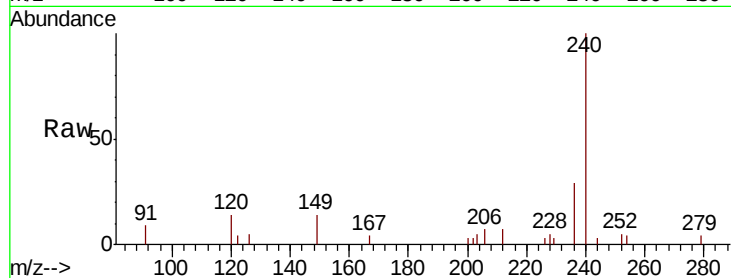
ClientSampleId :

RE117D1-20200303

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.9	11.9#
236	28.9	22.0	33.0

Manual Integrations
APPROVED

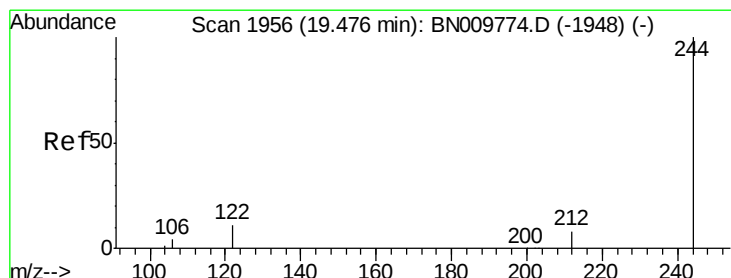
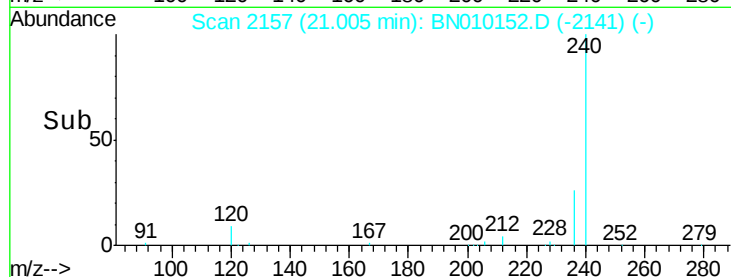
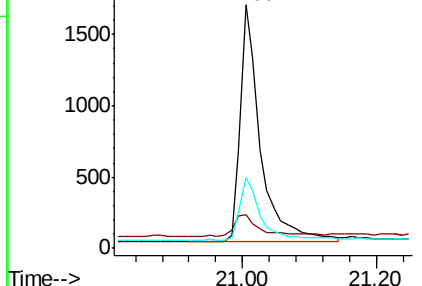
mohammad
3/10/2020 2:45:46 PM



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: 0.483 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010152.D

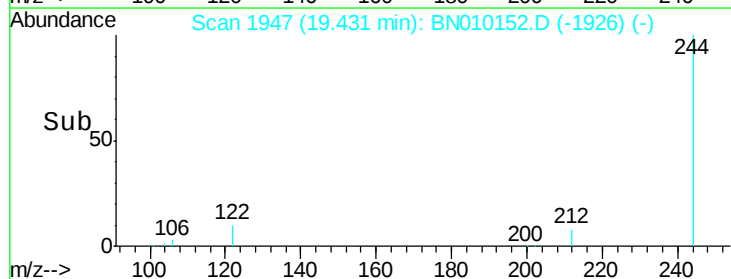
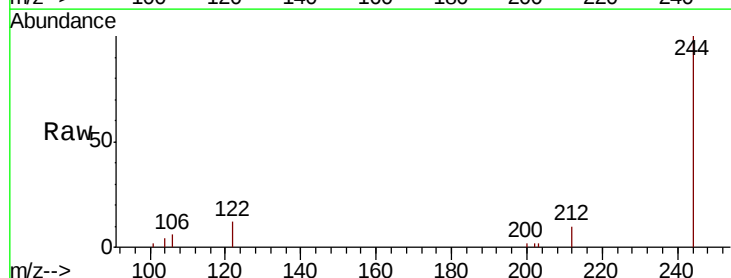
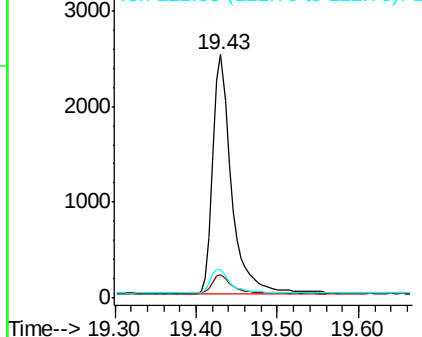
Acq: 09 Mar 2020 19:19

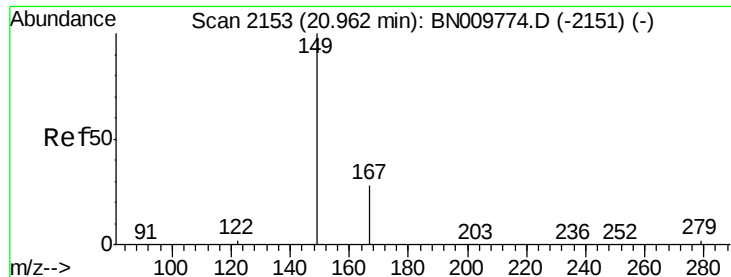
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.0	12.0
122	11.7	10.0	15.0

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





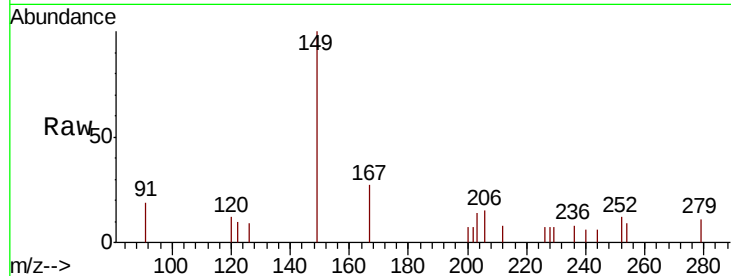
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 20.92 min Scan# 2149
 Delta R.T. -0.04 min
 Lab File: BN010152.D
 Acq: 09 Mar 2020 19:19

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20200303

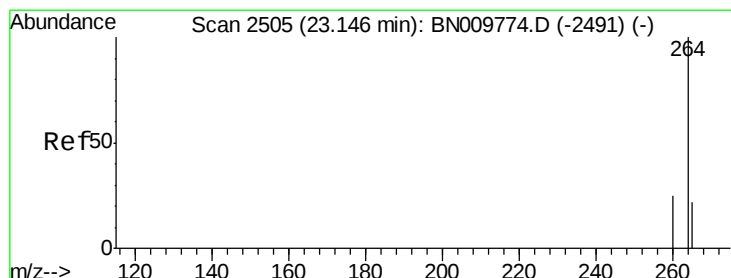
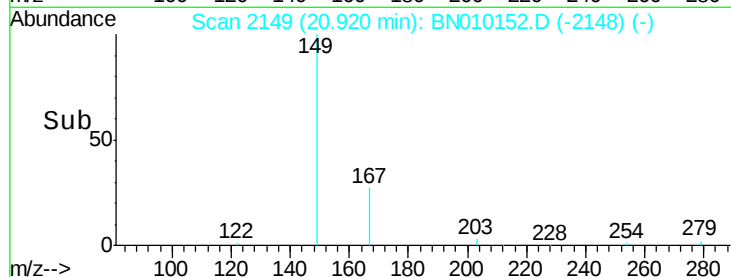
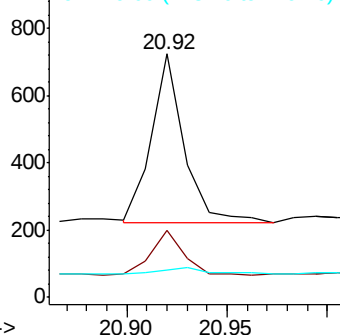
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.7	34.1
279	6.0	3.1	4.7

Manual Integrations
 APPROVED

mohammad
 3/10/2020 2:45:46 PM

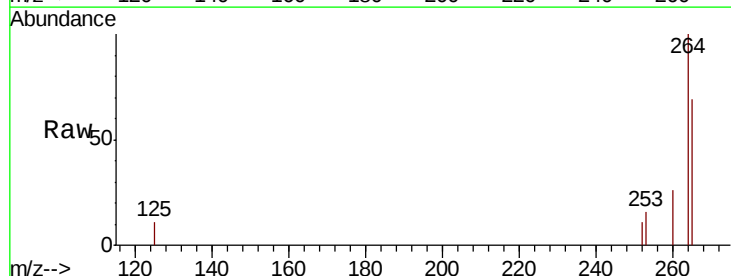


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2493
 Delta R.T. -0.04 min
 Lab File: BN010152.D
 Acq: 09 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.1	31.7
265	69.3	57.5	86.3



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

