

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022499.D
 Acq On : 03 Sep 2019 12:51
 Operator : HP/JU
 Sample : K4619-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

Quant Time: Sep 04 02:11:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	19971	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	71015	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	41522	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	82607	20.00	ng	0.00
76) Chrysene-d12	21.15	240	92819	20.00	ng	0.00
87) Perylene-d12	23.34	264	101258	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	130894	115.05	ng	0.00
7) Phenol-d6	6.71	99	165910	109.05	ng	0.00
23) Nitrobenzene-d5	8.67	82	128333	79.15	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	83901	98.75	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	275717	75.22	ng	0.00
79) Terphenyl-d14	19.58	244	463485	65.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	18528	35.291	ng	89
3) Pyridine	3.53	79	21389	16.937	ng	90
4) n-Nitrosodimethylamine	3.45	42	37901	43.530	ng	96
6) Aniline	6.86	93	54204	27.955	ng	99
8) 2-Chlorophenol	7.07	128	51848	39.592	ng	98
9) Benzaldehyde	6.68	77	38605	40.727	ng	95
10) Phenol	6.73	94	59608	38.999	ng	98
11) bis(2-Chloroethyl)ether	6.96	93	42969	37.251	ng	98
12) 1,3-Dichlorobenzene	7.39	146	58101	36.566	ng	99
13) 1,4-Dichlorobenzene	7.53	146	60207	37.396	ng	96
14) 1,2-Dichlorobenzene	7.85	146	56992	35.311	ng	97
15) Benzyl Alcohol	7.77	79	51948	35.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	54857	36.698	ng	99
17) 2-Methylphenol	7.96	107	40200	36.166	ng	95
18) Hexachloroethane	8.54	117	29784	39.900	ng	97
19) n-Nitroso-di-n-propylamine	8.32	70	38505	32.609	ng	100
20) 3+4-Methylphenols	8.29	107	52595	34.844	ng	97
22) Acetophenone	8.34	105	77740	39.643	ng	# 99
24) Nitrobenzene	8.72	77	65751	42.126	ng	97
25) Isophorone	9.23	82	102780	40.372	ng	96
26) 2-Nitrophenol	9.42	139	26579	42.512	ng	96
27) 2,4-Dimethylphenol	9.48	122	43144	46.262	ng	96
28) bis(2-Chloroethoxy)methane	9.72	93	58957	40.023	ng	97
29) 2,4-Dichlorophenol	9.95	162	47725	39.112	ng	92
30) 1,2,4-Trichlorobenzene	10.14	180	60542	38.963	ng	93
31) Naphthalene	10.32	128	150685	40.794	ng	99
32) Benzoic acid	9.65	122	8628	11.746	ng	95
33) 4-Chloroaniline	10.49	127	19124	12.033	ng	96
34) Hexachlorobutadiene	10.57	225	63651	41.532	ng	97
35) Caprolactam	11.32	113	9556m	30.811	ng	
36) 4-Chloro-3-methylphenol	11.61	107	47249	36.739	ng	98
37) 2-Methylnaphthalene	11.95	142	105761	37.678	ng	99
38) 1-Methylnaphthalene	12.17	142	99791	36.833	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	90050	45.697	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022499.D
 Acq On : 03 Sep 2019 12:51
 Operator : HP/JU
 Sample : K4619-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 TP1-COMPMSD

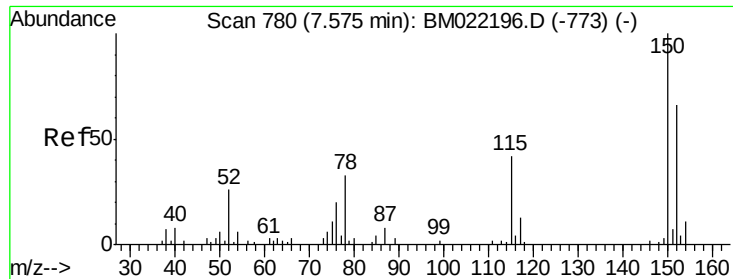
Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

Quant Time: Sep 04 02:11:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	74604	90.728	nq	97
43) 2,4,6-Trichlorophenol	12.59	196	44792	42.111	nq	98
44) 2,4,5-Trichlorophenol	12.67	196	43537	41.279	nq	97
46) 1,1'-Biphenyl	12.99	154	139043	40.982	nq	99
47) 2-Chloronaphthalene	13.03	162	110281	40.937	nq	98
48) 2-Nitroaniline	13.28	65	34632	39.915	nq	98
49) Acenaphthylene	13.89	152	165868	40.796	nq	98
50) Dimethylphthalate	13.64	163	171675	47.537	nq	98
51) 2,6-Dinitrotoluene	13.79	165	28454	40.109	nq	98
52) Acenaphthene	14.23	154	96663	39.642	nq	99
53) 3-Nitroaniline	14.13	138	15836	23.248	nq	94
54) 2,4-Dinitrophenol	14.37	184	22116	54.766	nq	# 81
55) Dibenzofuran	14.57	168	161557	39.329	nq	97
56) 4-Nitrophenol	14.47	139	29998	66.565	nq	94
57) 2,4-Dinitrotoluene	14.60	165	36195	35.488	nq	# 98
58) Fluorene	15.23	166	131300	35.777	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.81	232	47284	39.781	nq	98
60) Diethylphthalate	15.02	149	146520	38.842	nq	99
61) 4-Chlorophenyl-phenylether	15.22	204	94384	37.401	nq	97
62) 4-Nitroaniline	15.32	138	20963	32.881	nq	95
63) Azobenzene	15.52	77	163059	43.304	nq	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	21692	44.006	nq	88
66) n-Nitrosodiphenylamine	15.45	169	107619	43.151	nq	98
67) 4-Bromophenyl-phenylether	16.12	248	56288	43.308	nq	94
68) Hexachlorobenzene	16.23	284	58492	39.730	nq	98
69) Atrazine	16.42	200	43339	40.815	nq	99
70) Pentachlorophenol	16.59	266	57904	87.931	nq	99
71) Phenanthrene	16.97	178	188456	39.138	nq	99
72) Anthracene	17.07	178	188002	39.683	nq	97
73) Carbazole	17.36	167	151197	38.610	nq	97
74) Di-n-butylphthalate	17.90	149	227292	42.805	nq	99
75) Fluoranthene	19.01	202	248221	38.710	nq	99
77) Benzidine	19.23	184	44271	28.325	nq	99
78) Pyrene	19.37	202	256961	40.622	nq	98
80) Butylbenzylphthalate	20.29	149	97406	44.124	nq	95
81) Benzo(a)anthracene	21.14	228	266679	40.029	nq	99
82) 3,3'-Dichlorobenzidine	21.09	252	69676	33.715	nq	99
83) Chrysene	21.19	228	257606	40.624	nq	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	146969	49.031	nq	99
85) Di-n-octyl phthalate	21.92	149	248528	51.625	nq	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	370830	58.138	nq	99
88) Benzo(b)fluoranthene	22.69	252	265164	37.695	nq	98
89) Benzo(k)fluoranthene	22.73	252	276051	39.558	nq	97
90) Benzo(a)pyrene	23.24	252	267463	42.837	nq	99
91) Dibenzo(a,h)anthracene	25.51	278	310549	49.879	nq	98
92) Benzo(g,h,i)perylene	26.18	276	286787	52.852	nq	97

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



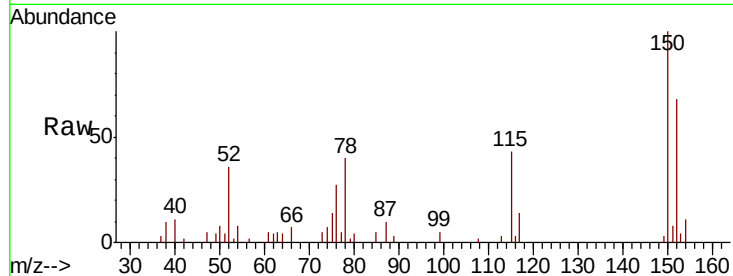
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleID :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	125.4	188.0
115	63.4	50.3	75.5

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

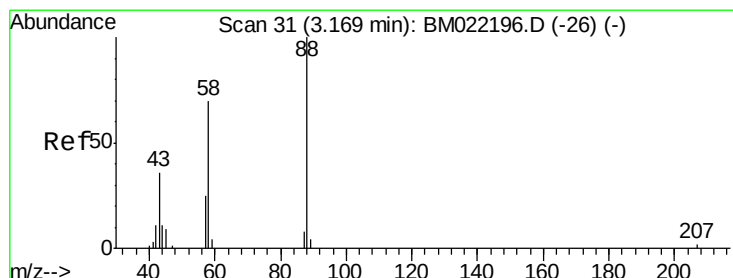
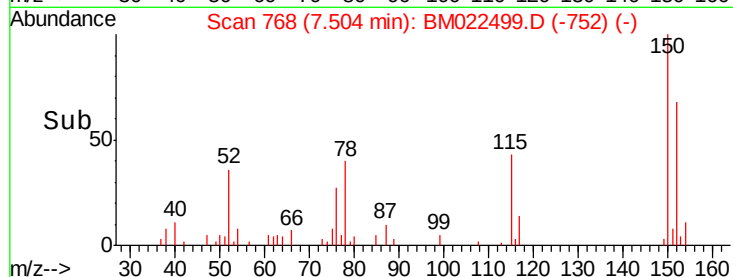
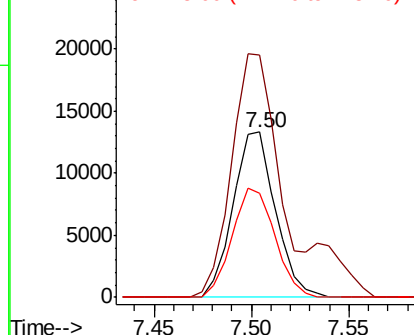


Abundance

Ion 152.00 (151.70 to 152.70): E

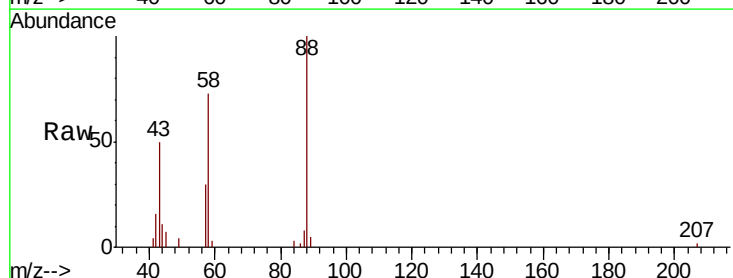
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 35.291 ng
 RT: 3.12 min Scan# 23
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	53.8	80.8
43	45.8	30.6	46.0

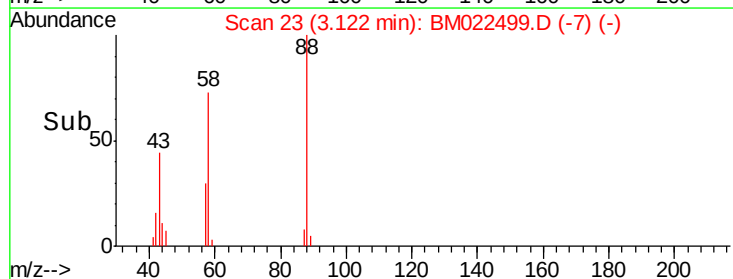
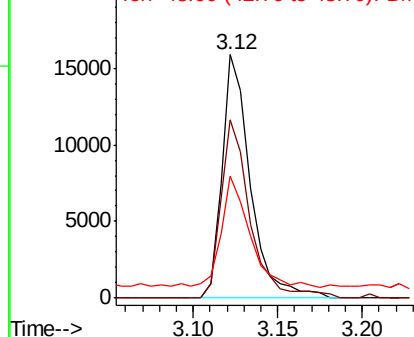


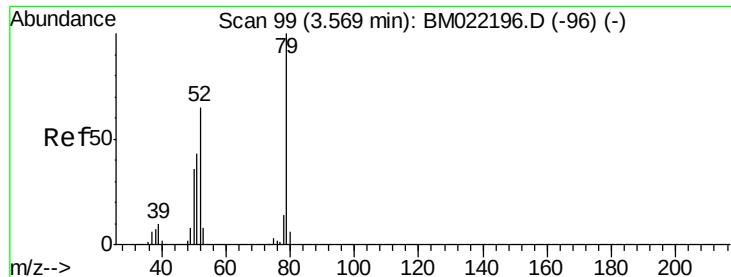
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





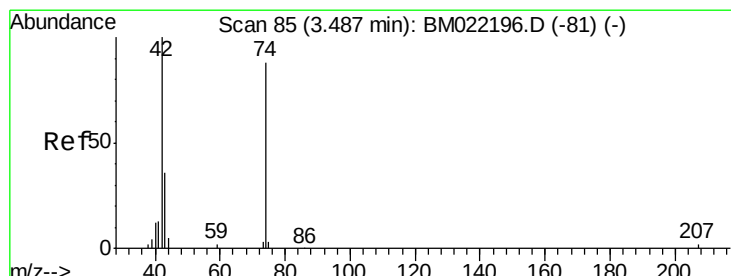
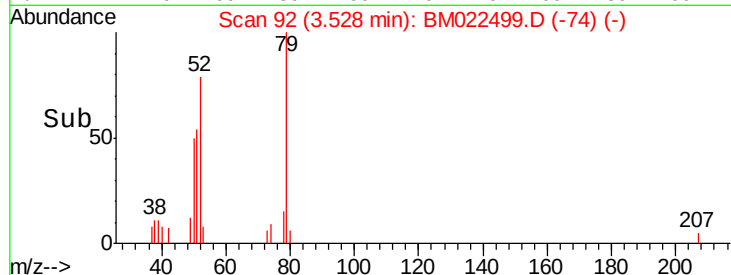
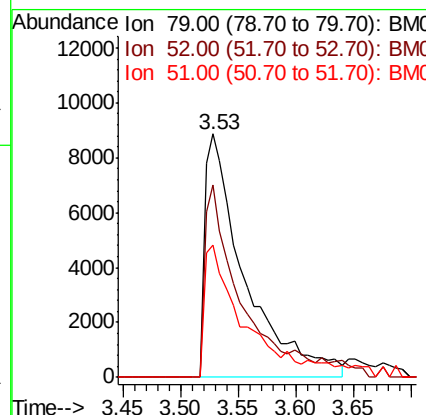
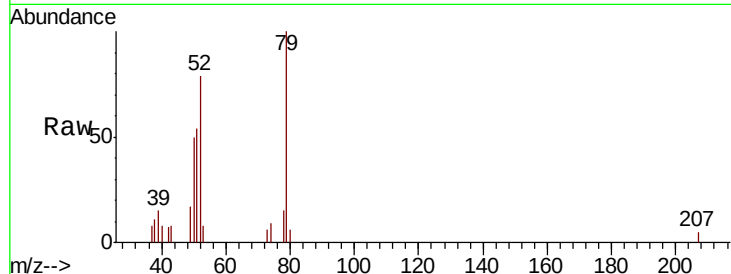
#3
 Pvridine
 Concen: 16.937 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.1	54.8	82.2
51	54.4	40.2	60.4

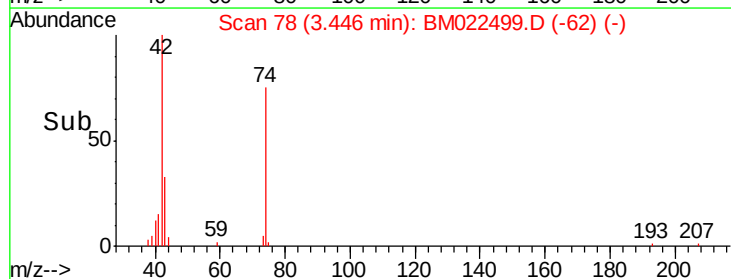
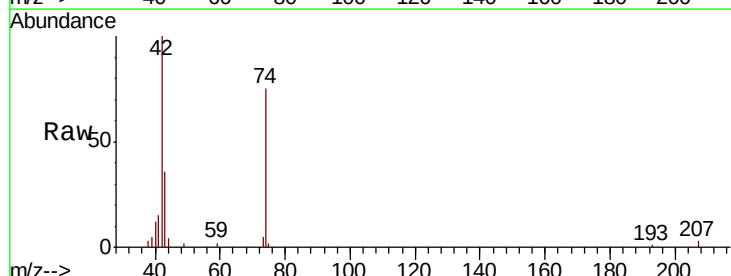
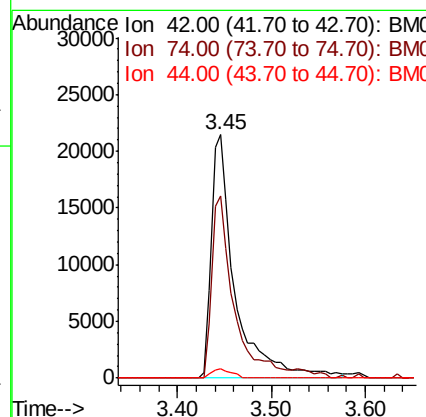
Manual Integrations
 APPROVED

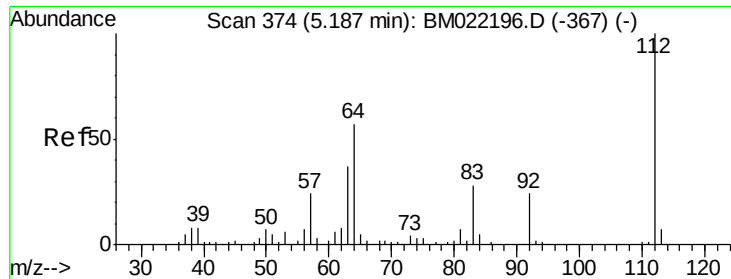
mohammad
 9/6/2019 8:18:57 AM



#4
 n-Nitrosodimethylamine
 Concen: 43.530 ng
 RT: 3.45 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	74.8	63.0	94.6
44	4.1	3.0	4.6





#5

2-Fluorophenol

Concen: 115.048 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

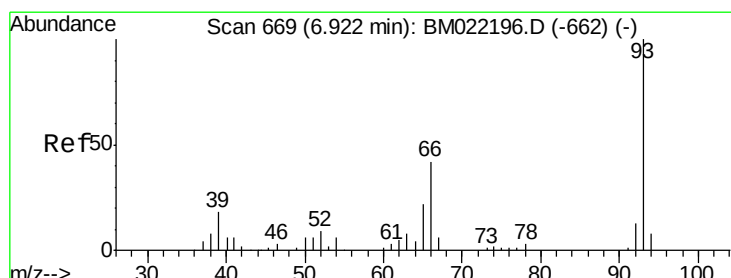
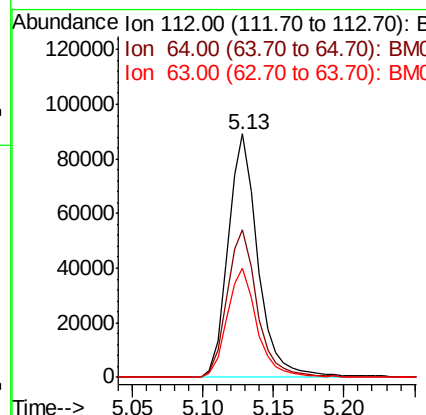
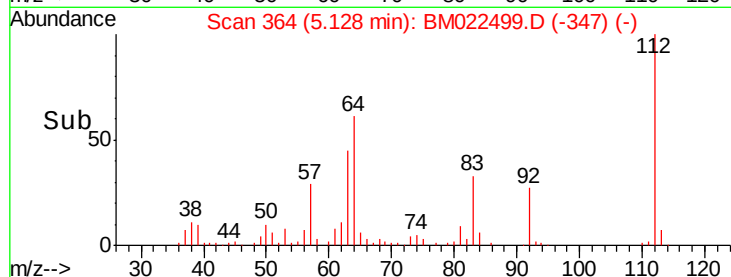
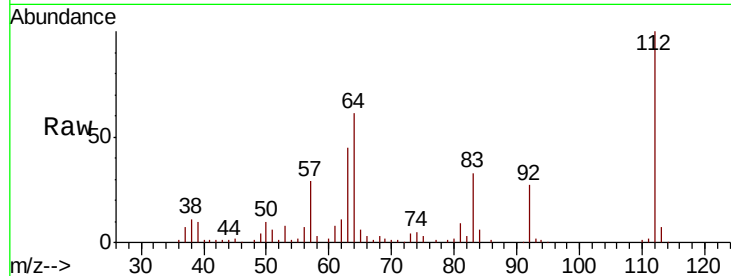
ClientSampleId :

TP1-COMPMSD

Tot Ion:	112	Resp:	130894
Ion Ratio	Lower	Upper	
112	100		
64	60.6	45.4	68.2
63	44.9	34.5	51.7

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



#6

Aniline

Concen: 27.955 ng

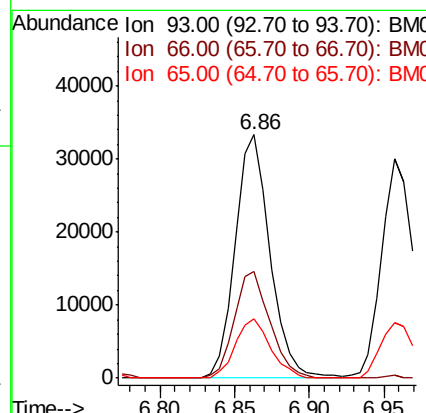
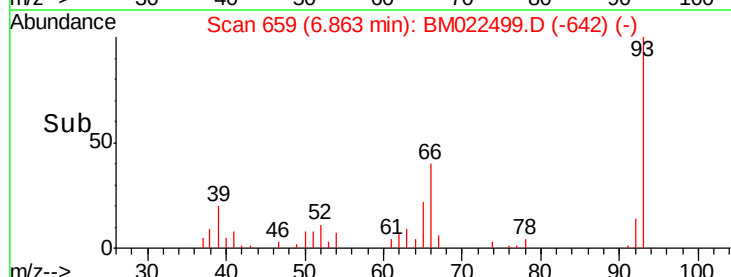
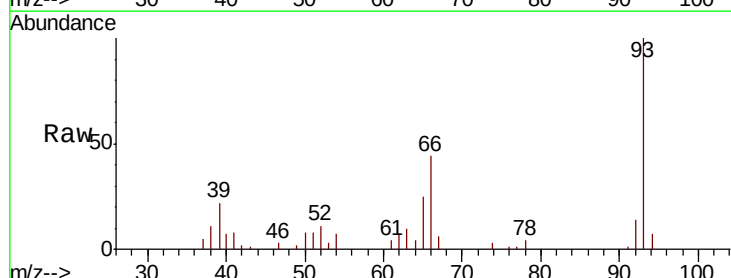
RT: 6.86 min Scan# 659

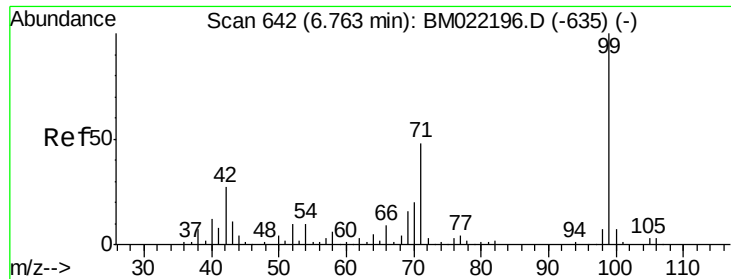
Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	93	Resp:	54204
Ion Ratio	Lower	Upper	
93	100		
66	43.8	34.7	52.1
65	24.6	18.8	28.2





#7

Phenol-d6

Concen: 109.047 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

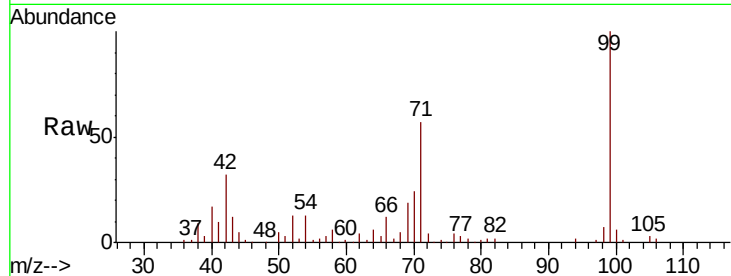
ClientSampleId :

TP1-COMPMSD

Tot Ion:	99	Resp:	165910
Ion Ratio	Lower	Upper	
99	100		
42	32.5	26.3	39.5
71	57.1	46.6	69.8

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

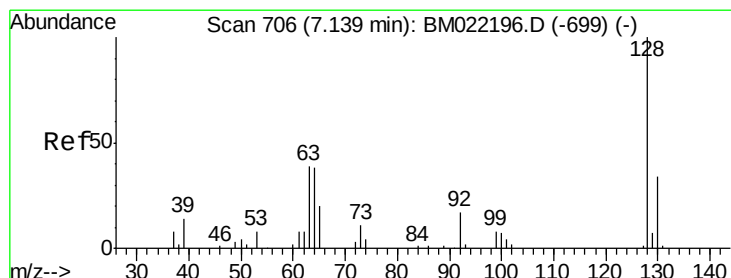
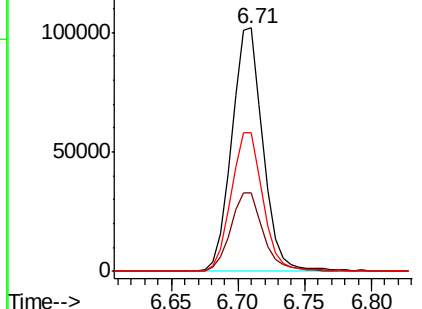
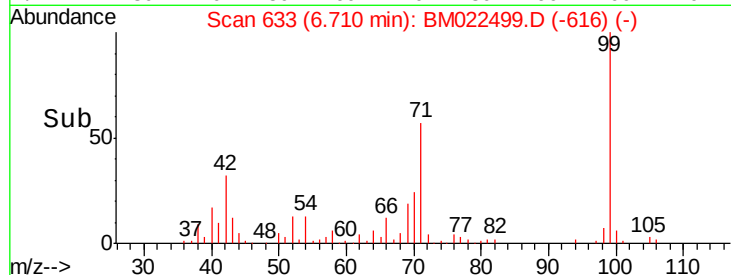


Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)

Time-->



#8

2-Chlorophenol

Concen: 39.592 ng

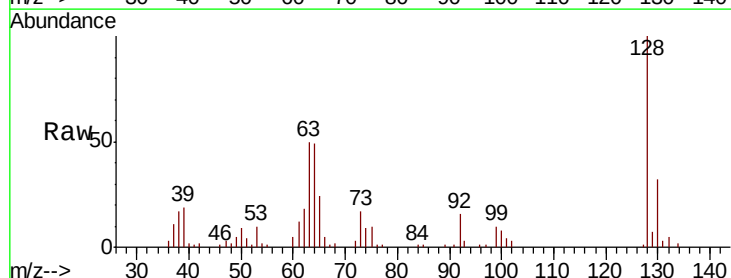
RT: 7.07 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	128	Resp:	51848
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.5	51.5
64	49.0	26.7	66.7

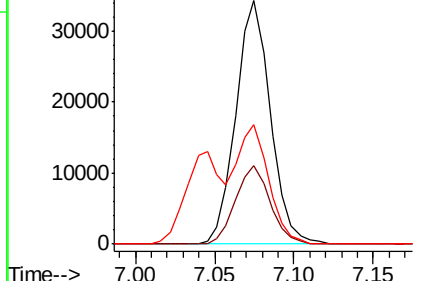
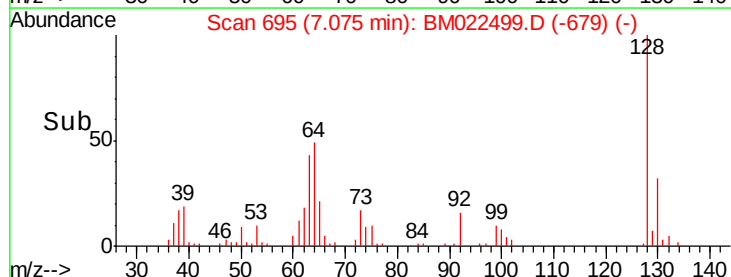


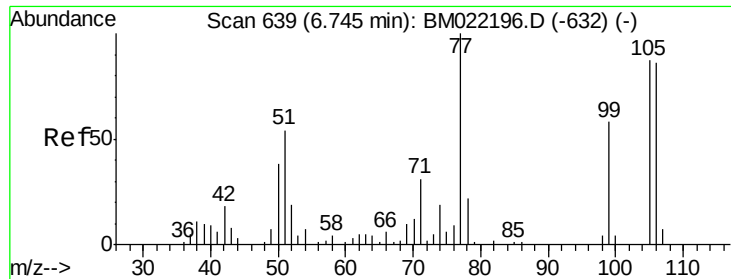
Abundance Ion 128.00 (127.70 to 128.70): BM022196.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM022196.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM022196.D (-699) (-)

Time-->





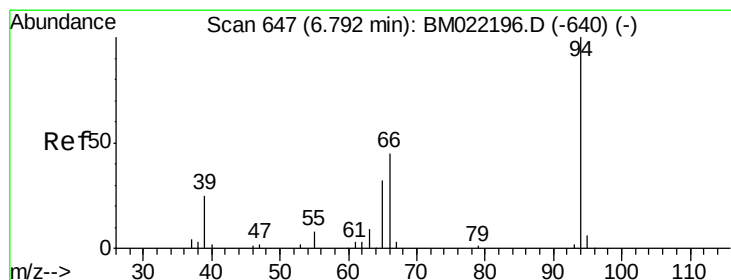
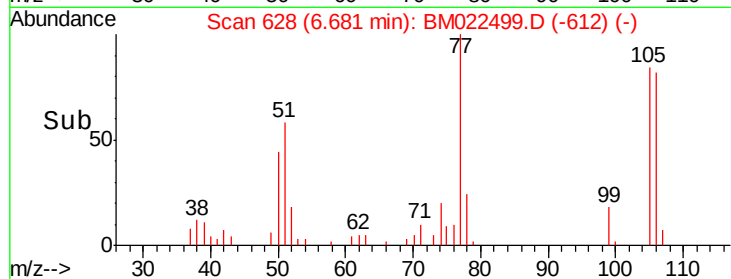
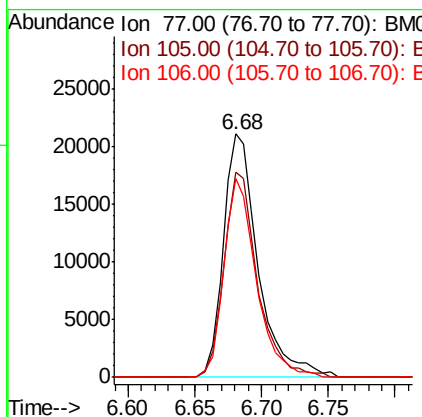
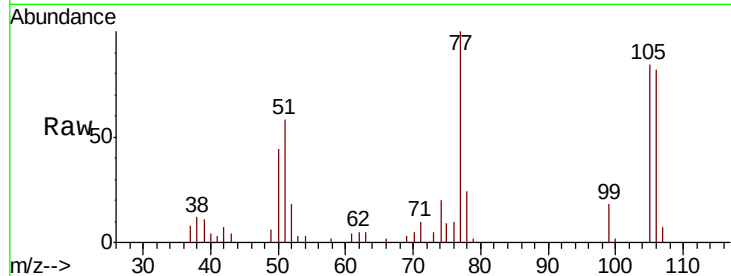
#9
Benzaldehyde
Concen: 40.727 ng
RT: 6.68 min Scan# 628
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.5	60.1	100.1
106	81.9	57.4	97.4

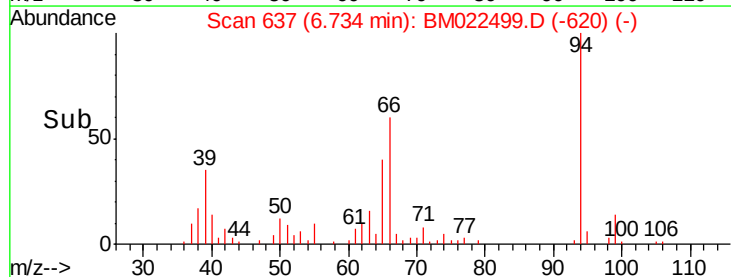
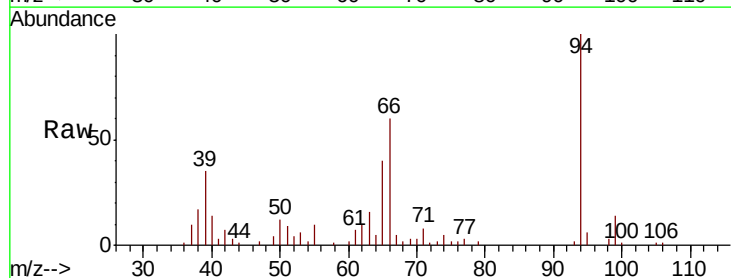
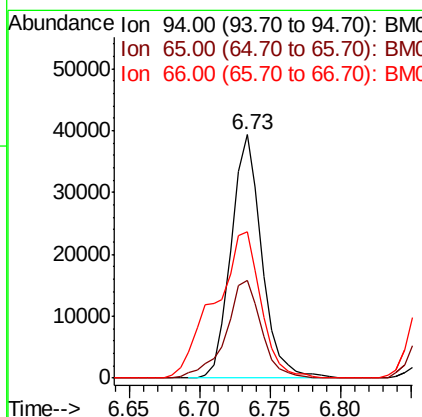
Manual Integrations
APPROVED

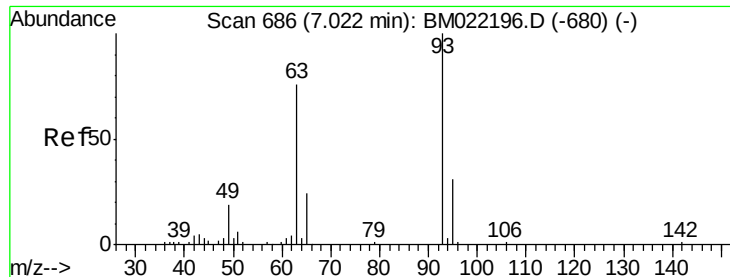
mohammad
9/6/2019 8:18:57 AM



#10
Phenol
Concen: 38.999 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.00 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.2	17.7	57.7
66	60.0	39.6	79.6





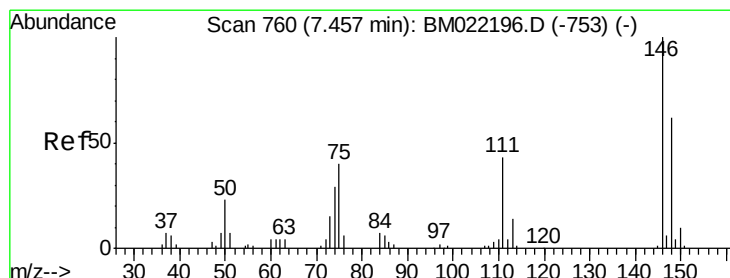
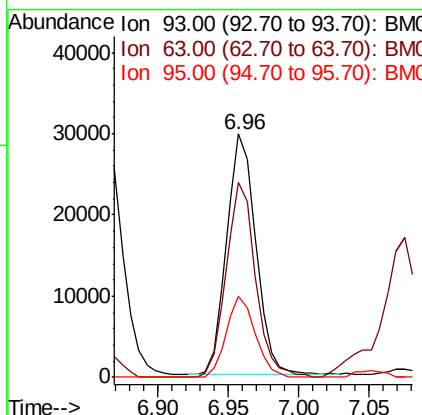
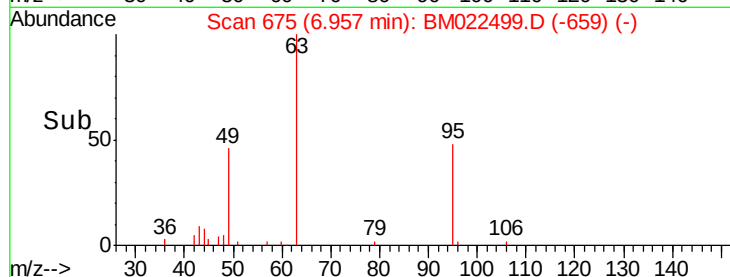
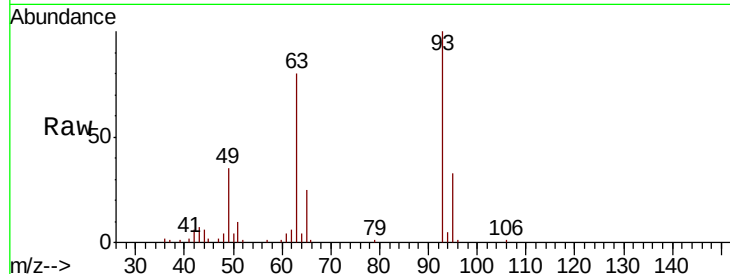
#11
bis(2-Chloroethyl)ether
Concen: 37.251 ng
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion:	93	Resp:	42969
Ion	Ratio	Lower	Upper
93	100		
63	80.2	59.1	99.1
95	33.4	12.0	52.0

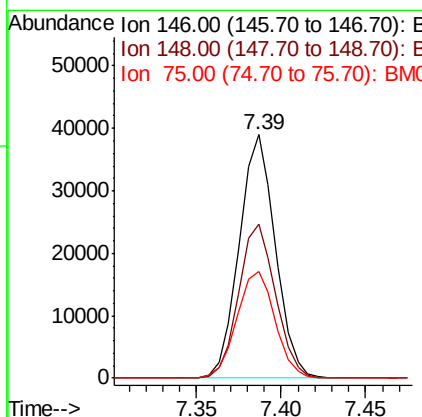
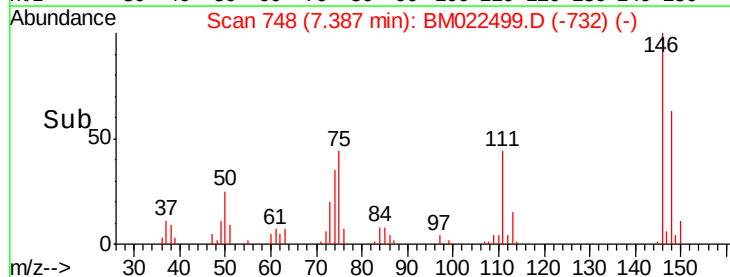
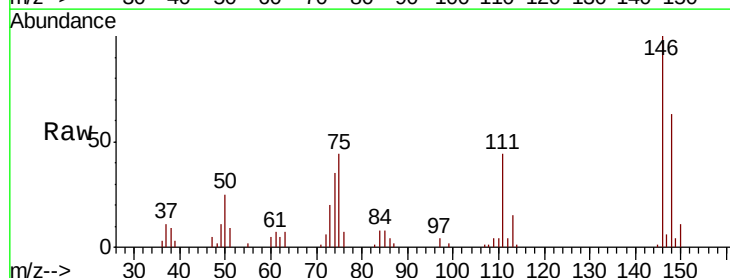
Manual Integrations
APPROVED

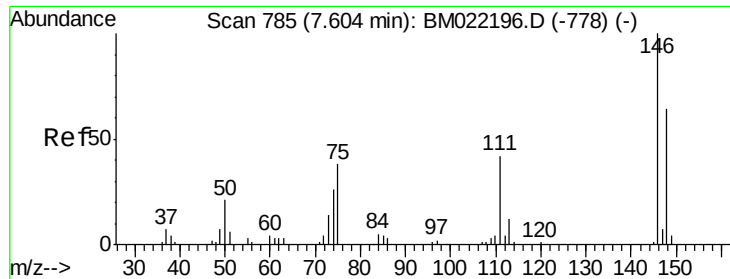
mohammad
9/6/2019 8:18:57 AM



#12
1,3-Dichlorobenzene
Concen: 36.566 ng
RT: 7.39 min Scan# 748
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion:	146	Resp:	58101
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
75	44.1	34.6	52.0





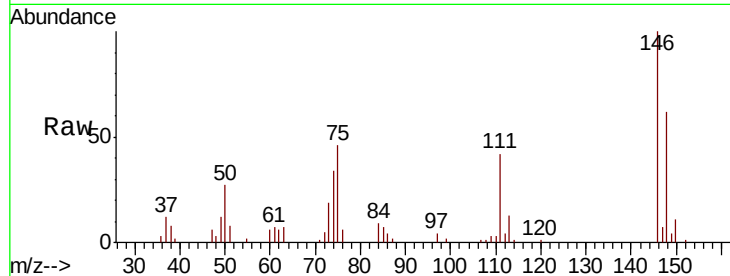
#13
 1,4-Dichlorobenzene
 Concen: 37.396 ng
 RT: 7.53 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.4	80.0
111	42.4	33.5	50.3

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

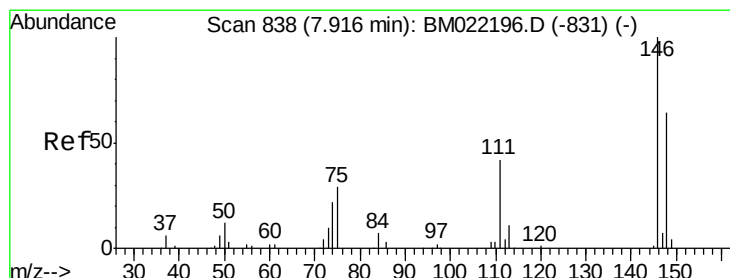
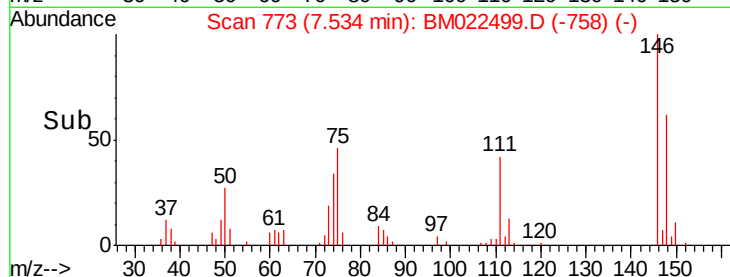
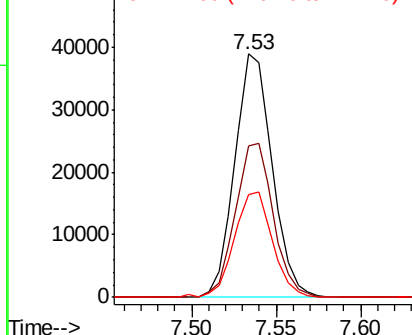


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.311 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

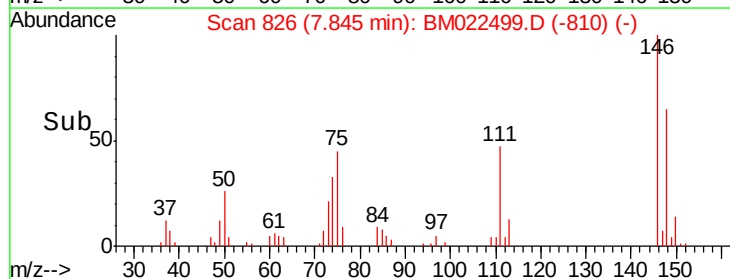
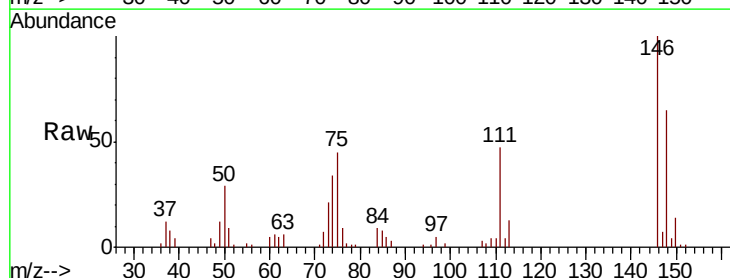
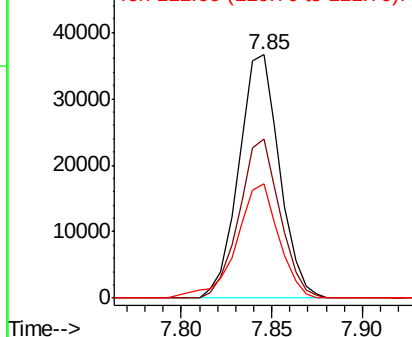
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.7	82.1
111	47.1	36.7	55.1

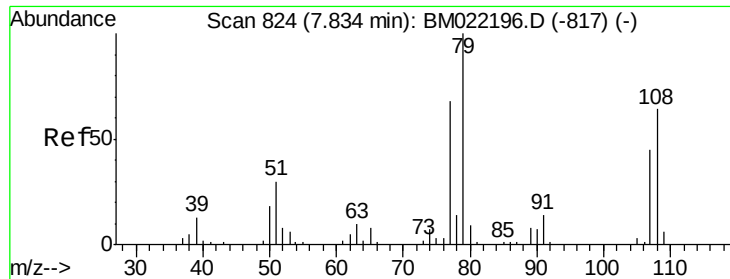
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





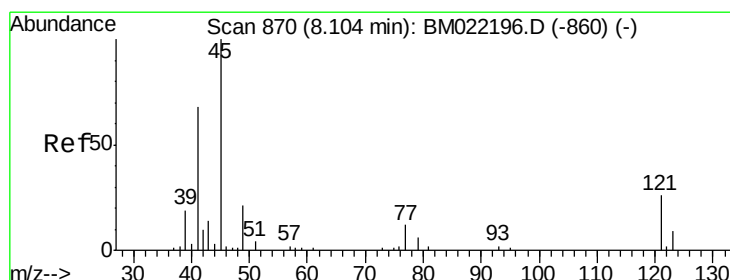
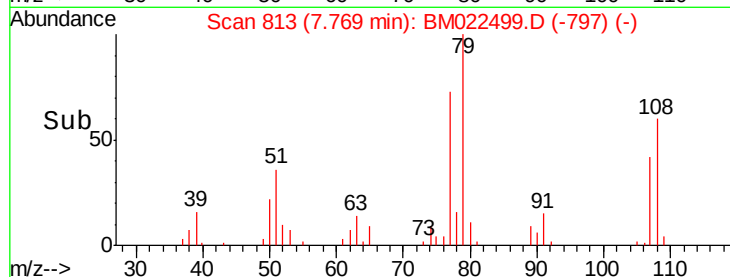
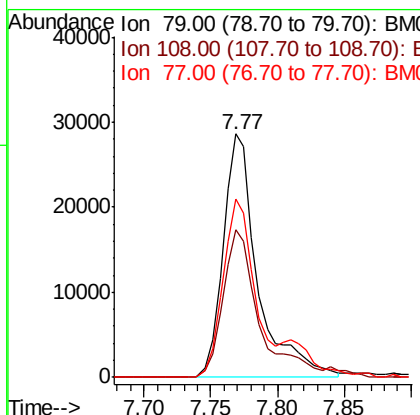
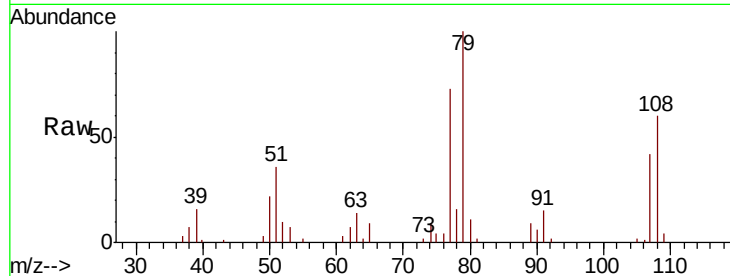
#15
Benzyl Alcohol
Concen: 35.990 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.5	48.2	72.4
77	73.1	56.6	85.0

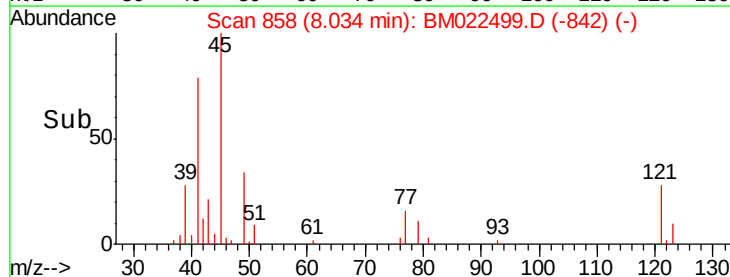
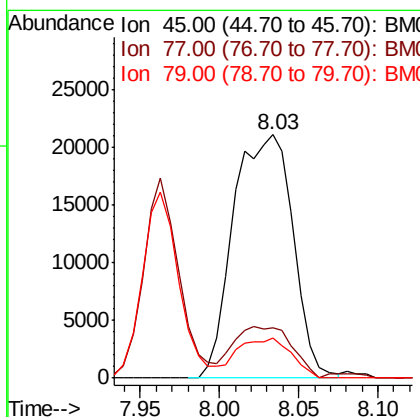
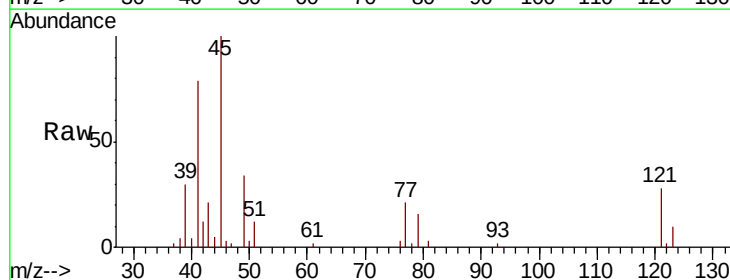
Manual Integrations
APPROVED

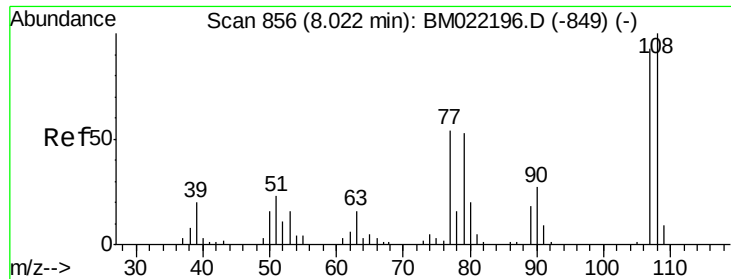
mohammad
9/6/2019 8:18:57 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.698 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.4	40.4
79	16.2	0.0	35.6





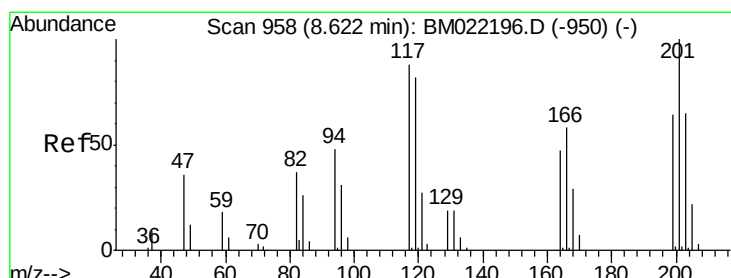
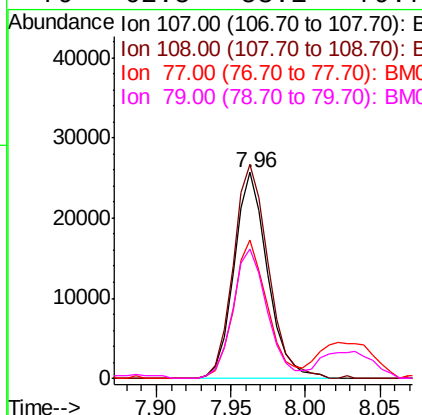
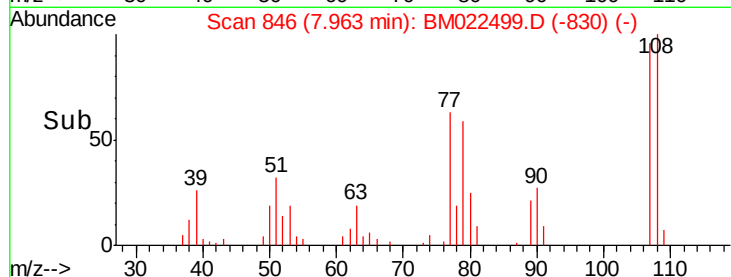
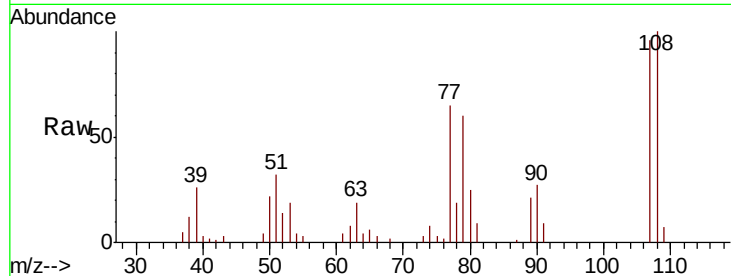
#17
2-Methylphenol
Concen: 36.166 ng
RT: 7.96 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	103.8	89.6	134.4
77	67.4	55.3	82.9
79	62.5	53.1	79.7

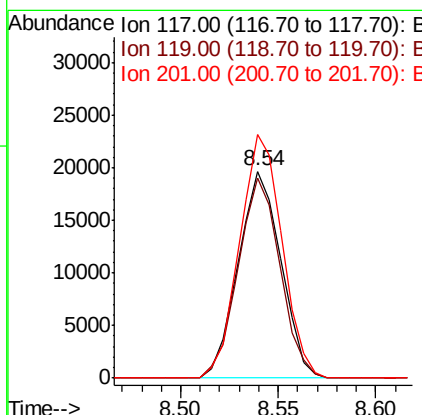
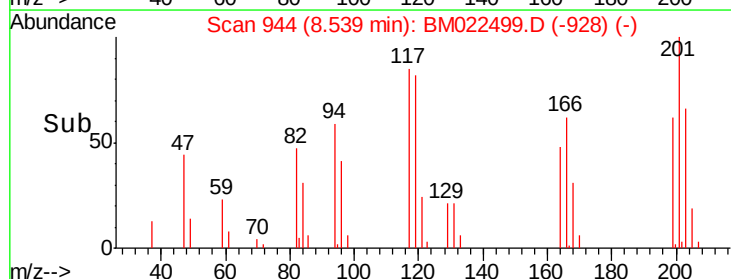
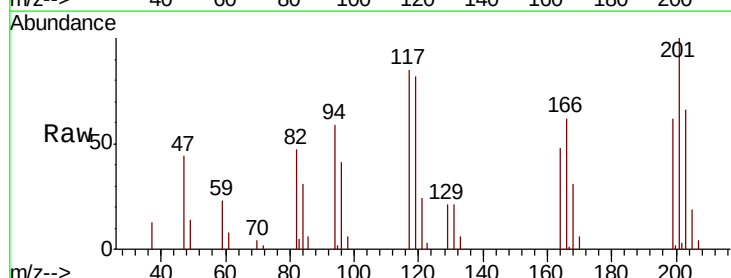
Manual Integrations
APPROVED

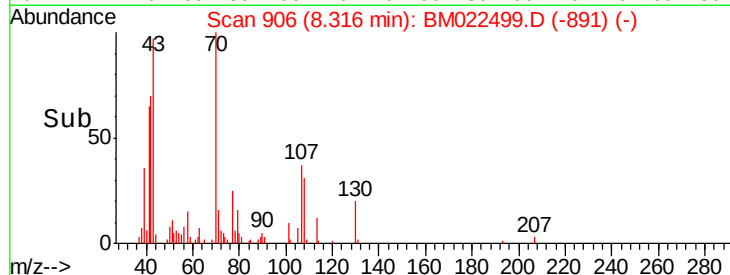
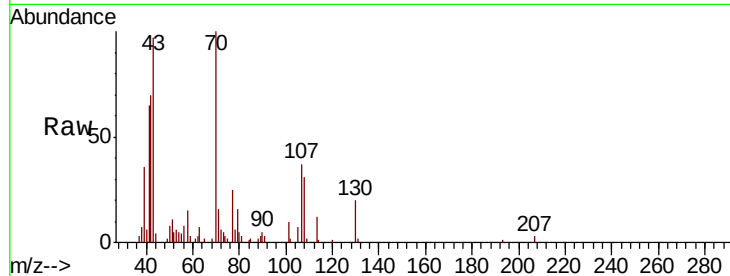
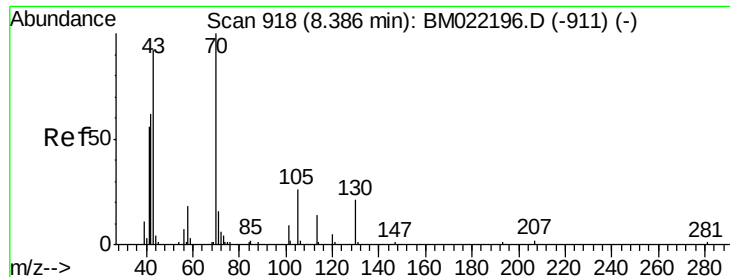
mohammad
9/6/2019 8:18:57 AM



#18
Hexachloroethane
Concen: 39.900 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	117.8	99.6	149.4





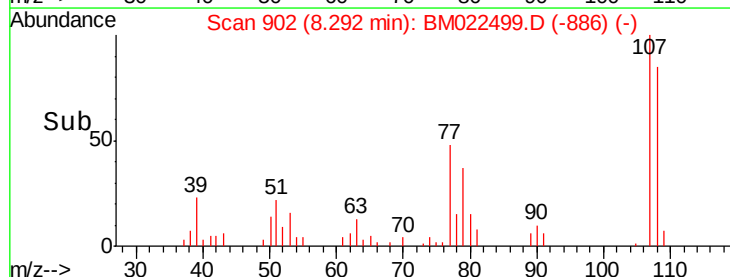
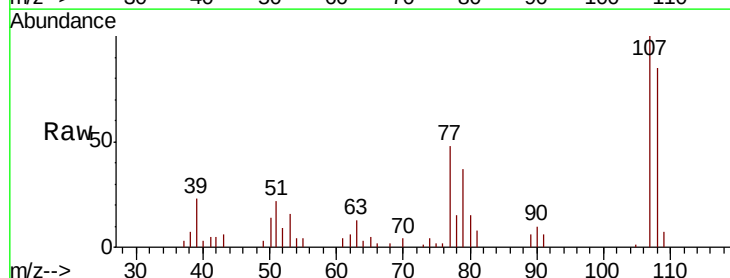
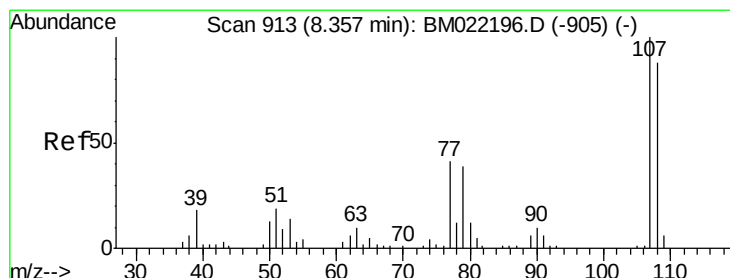
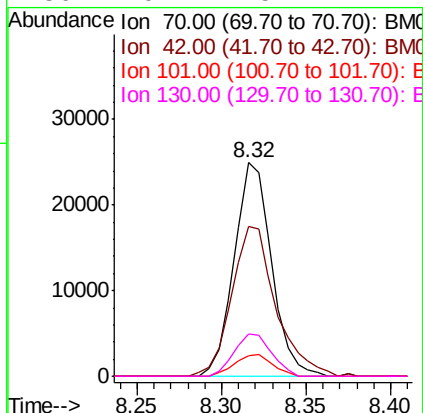
#19
n-Nitroso-di-n-propylamine
Concen: 32.609 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.2	56.2	84.4	
101	9.7	7.6	11.4	
130	19.7	15.1	22.7	

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

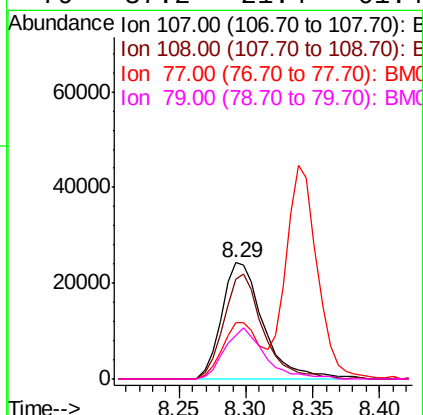
Manual Integrations
APPROVED

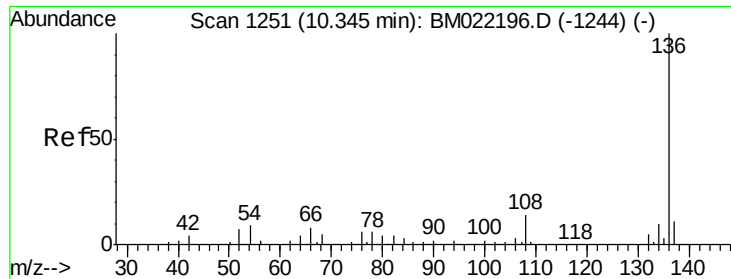
mohammad
9/6/2019 8:18:57 AM



#20
3+4-Methylphenols
Concen: 34.844 ng
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	68.5	108.5	
77	48.4	29.0	69.0	
79	37.2	21.4	61.4	





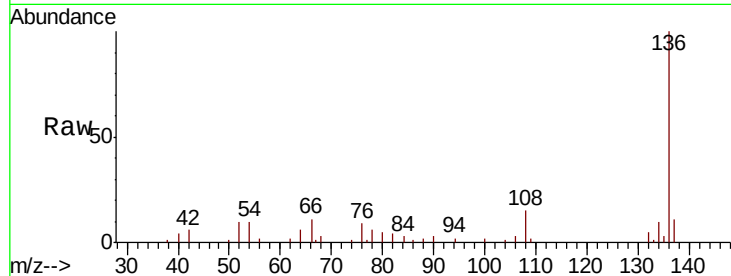
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

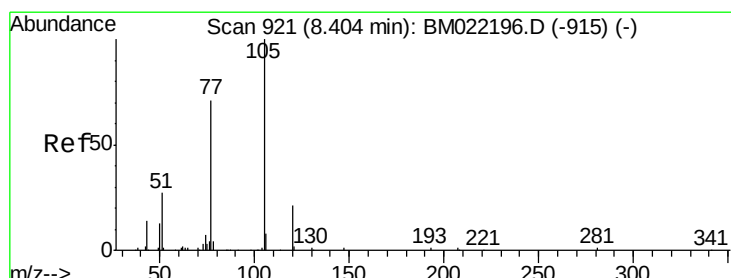
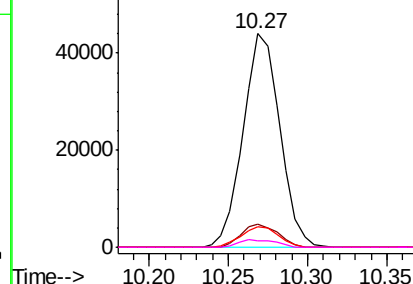
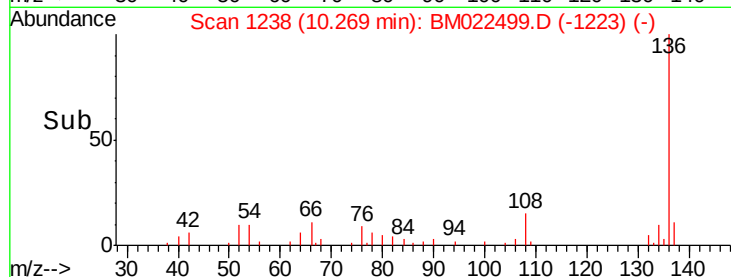
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.8	7.0	10.6
68	3.2	2.9	4.3

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

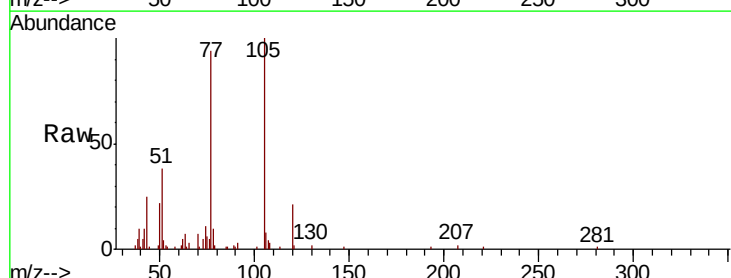


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

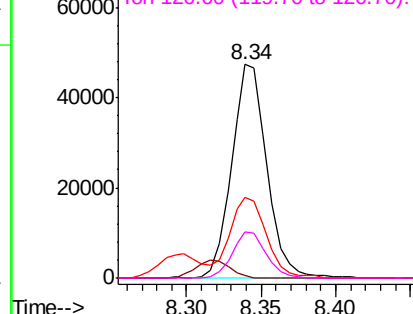
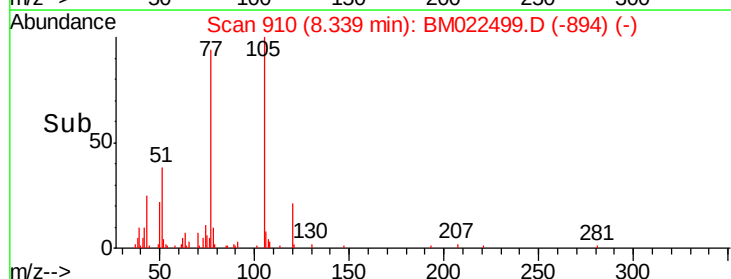


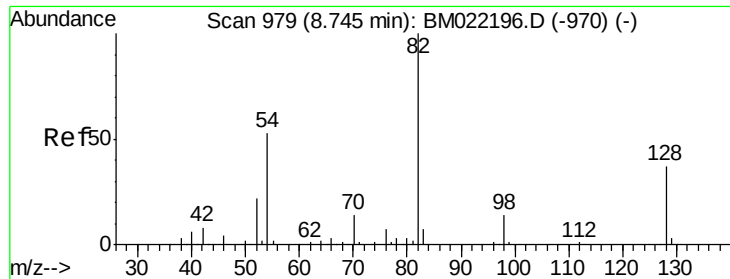
#22
Acetophenone
Concen: 39.643 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.6	1.0#
51	37.8	30.6	46.0
120	21.4	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





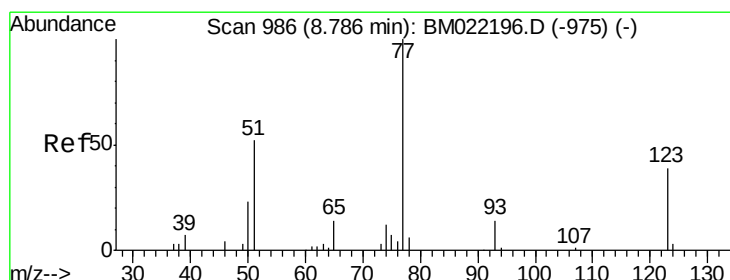
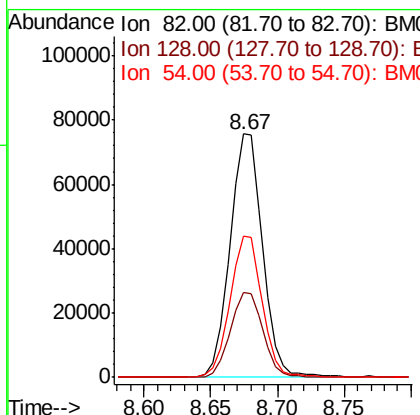
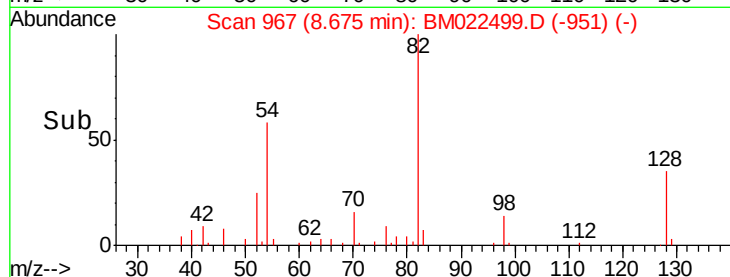
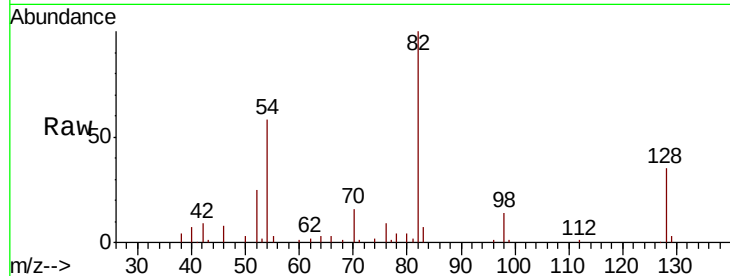
#23
 Nitrobenzene-d5
 Concen: 79.153 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.8	27.9	41.9	
54	58.0	45.2	67.8	

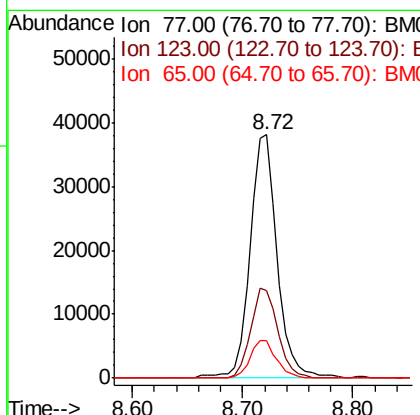
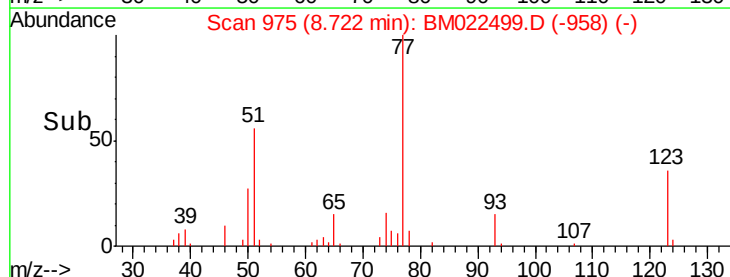
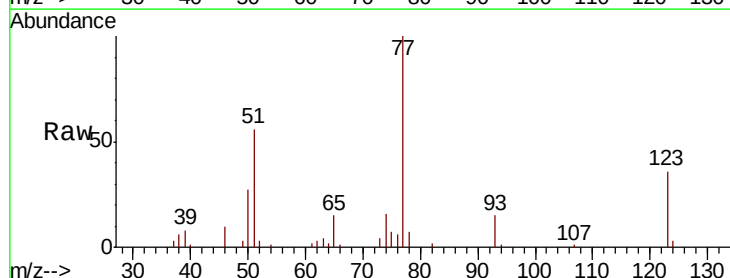
Manual Integrations
 APPROVED

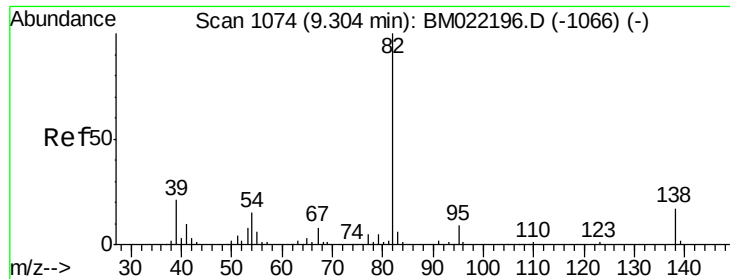
mohammad
 9/6/2019 8:18:57 AM



#24
 Nitrobenzene
 Concen: 42.126 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.0	30.0	45.0	
65	15.5	11.5	17.3	





#25

Isophorone

Concen: 40.372 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

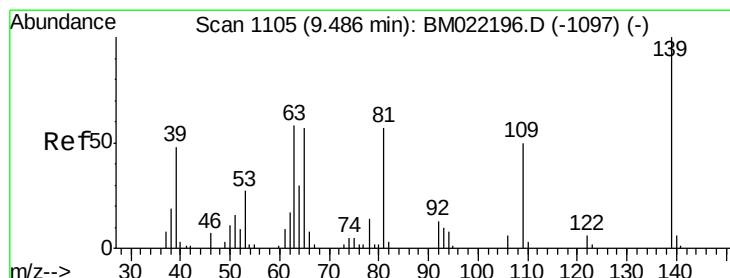
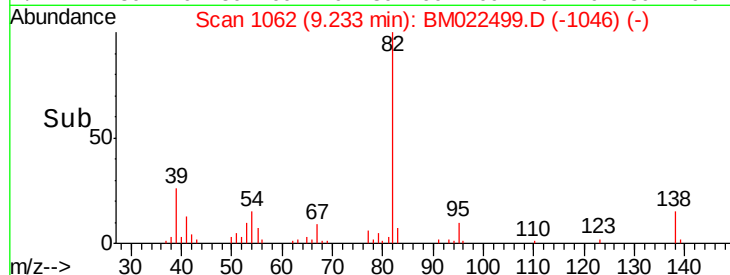
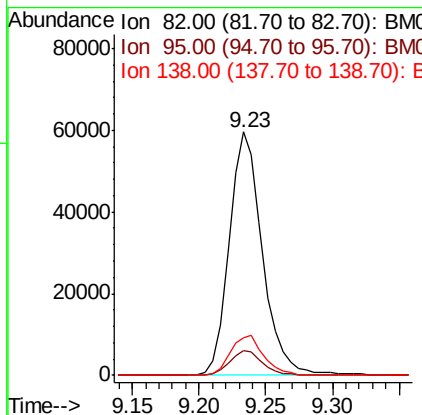
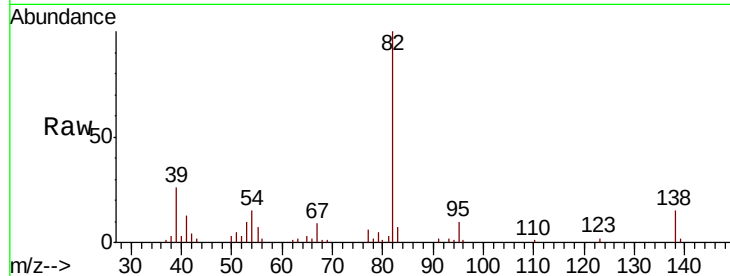
ClientSampleId :

TP1-COMPMSD

Tot Ion:	82	Resp:	102780
Ion Ratio	Lower	Upper	
82	100		
95	10.2	8.6	13.0
138	15.4	14.4	21.6

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



#26

2-Nitrophenol

Concen: 42.512 ng

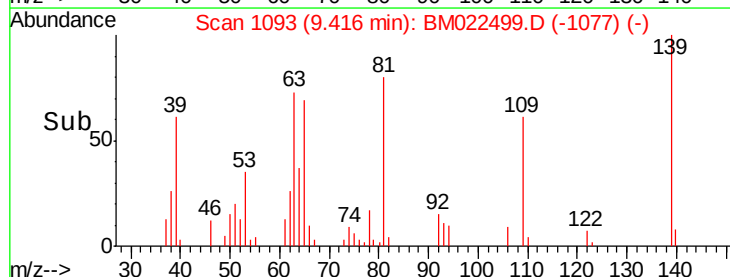
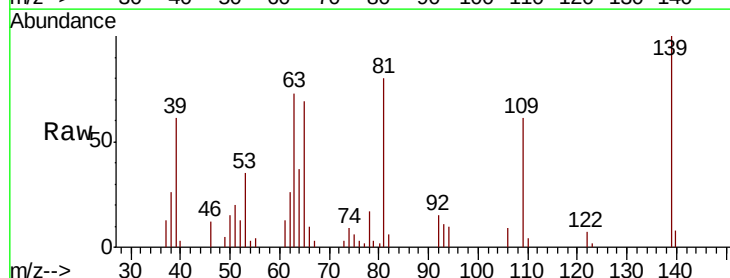
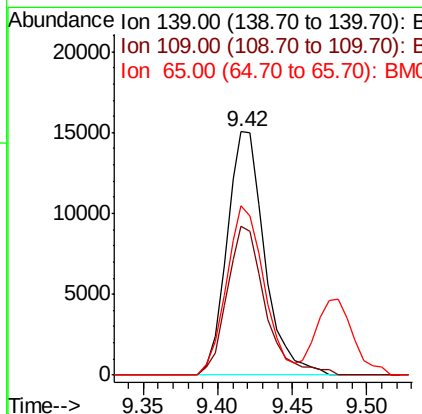
RT: 9.42 min Scan# 1093

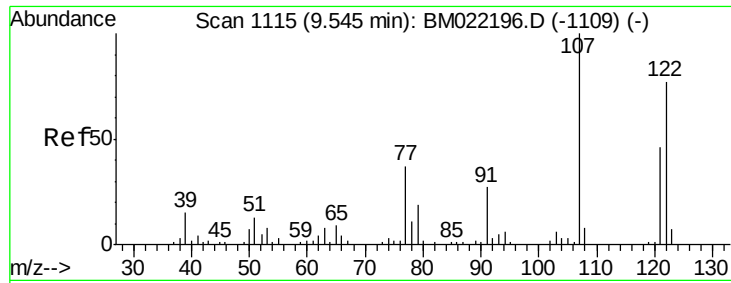
Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	139	Resp:	26579
Ion Ratio	Lower	Upper	
139	100		
109	60.9	47.0	70.4
65	69.4	52.3	78.5





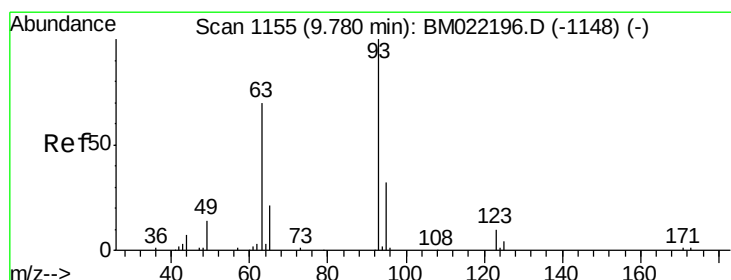
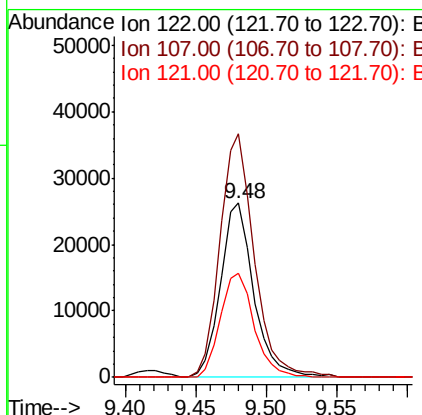
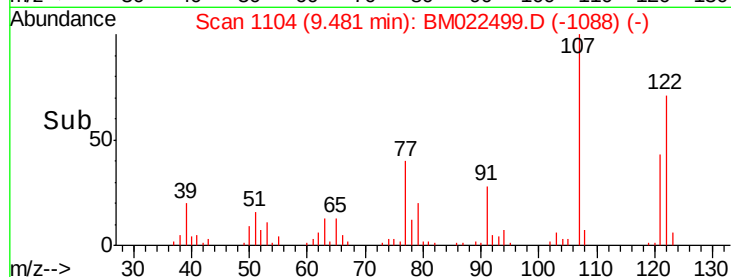
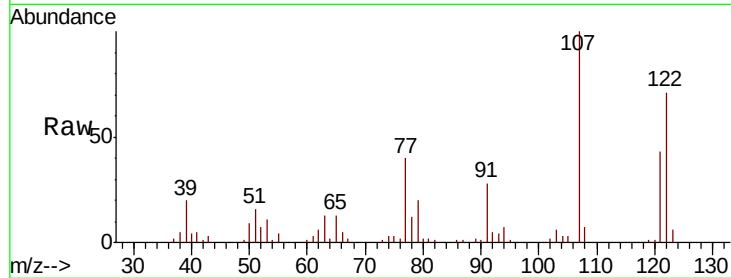
#27
 2,4-Dimethylphenol
 Concen: 46.262 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43144	122	100			
	107	140.0		116.2	174.4
	121	59.9		49.1	73.7

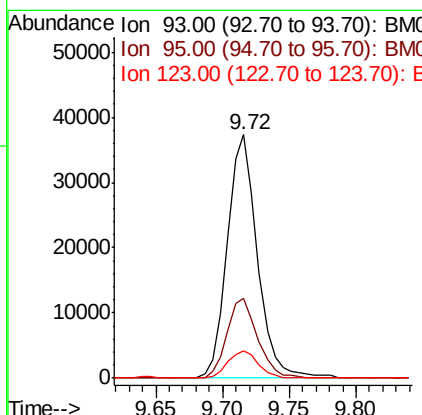
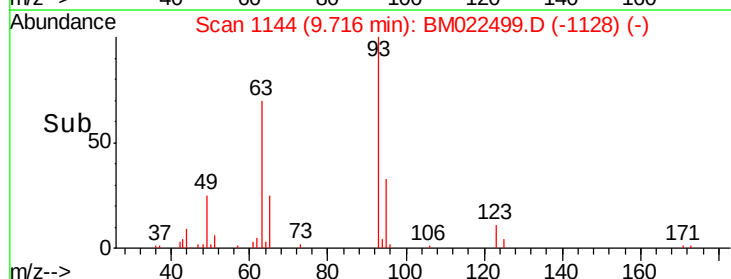
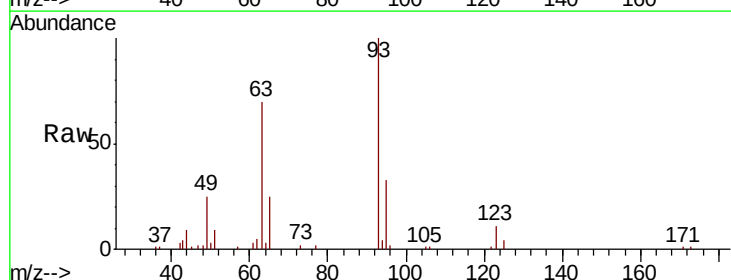
Manual Integrations
 APPROVED

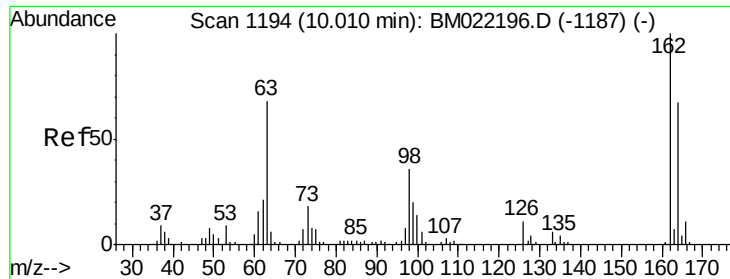
mohammad
 9/6/2019 8:18:57 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.023 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
58957	93	100			
	95	32.5		27.5	41.3
	123	11.1		9.6	14.4





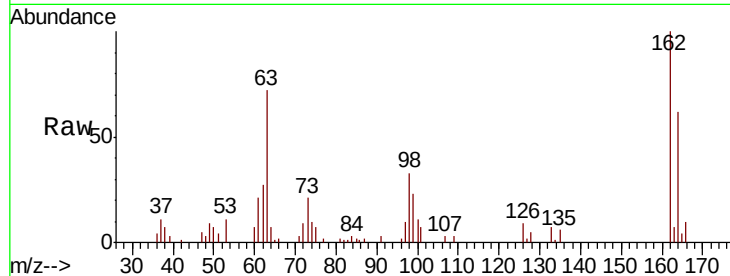
#29
2,4-Dichlorophenol
Concen: 39.112 ng
RT: 9.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	51.2	91.2
98	33.3	14.1	54.1

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

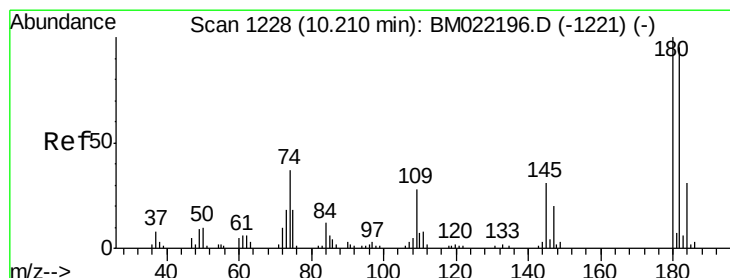
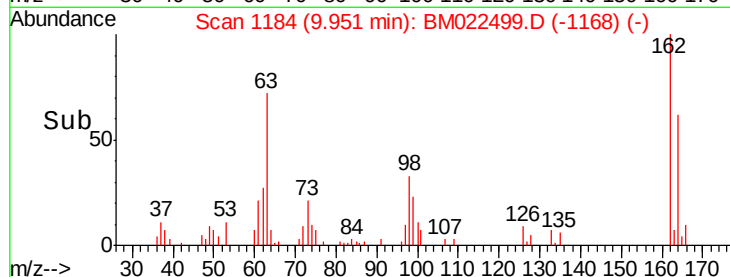
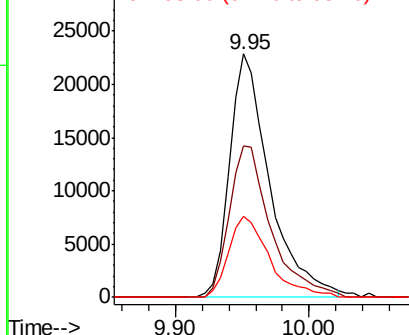


Abundance

Ion 162.00 (161.70 to 162.70): E

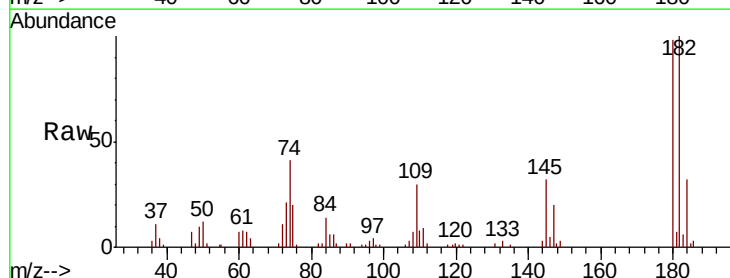
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 38.963 ng
RT: 10.14 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.4	77.0	115.4
145	32.6	23.0	34.6

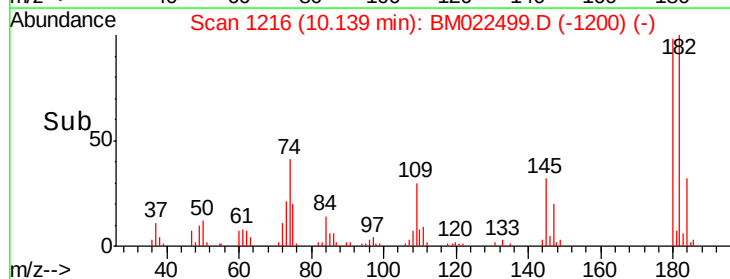
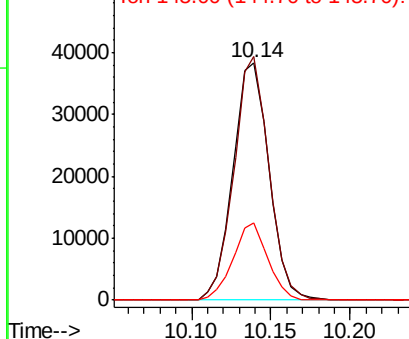


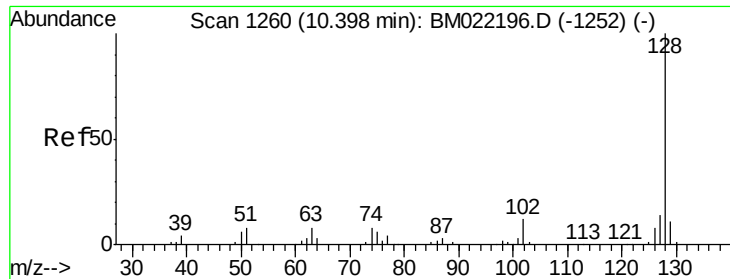
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





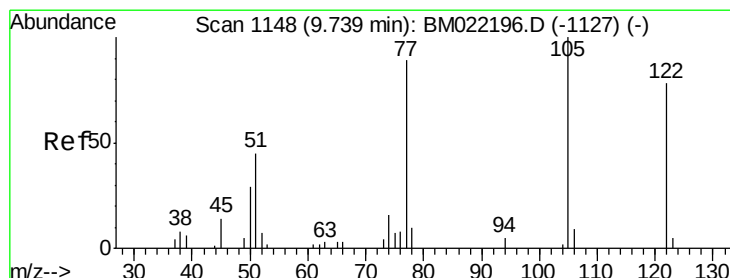
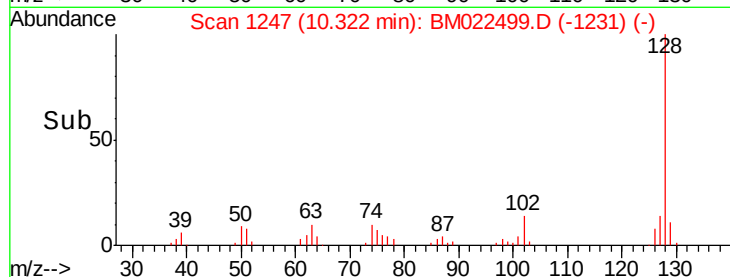
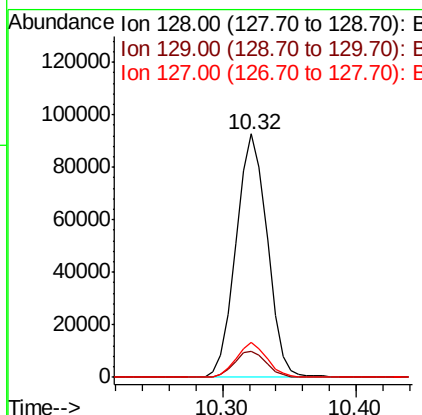
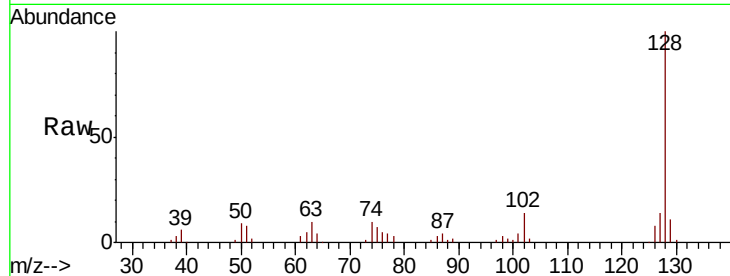
#31
Naphthalene
Concen: 40.794 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	14.2	11.0	16.4

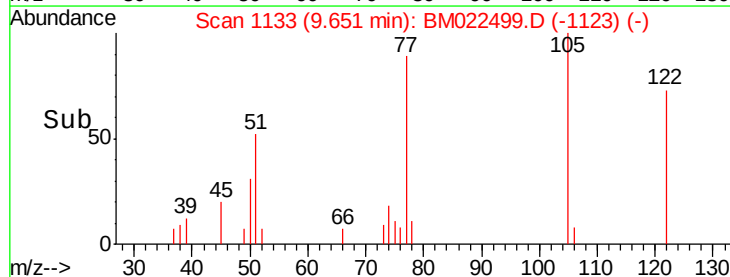
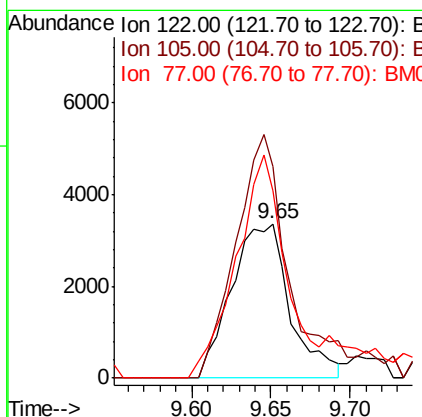
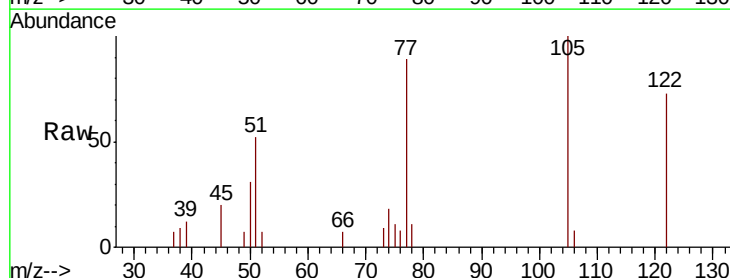
Manual Integrations
APPROVED

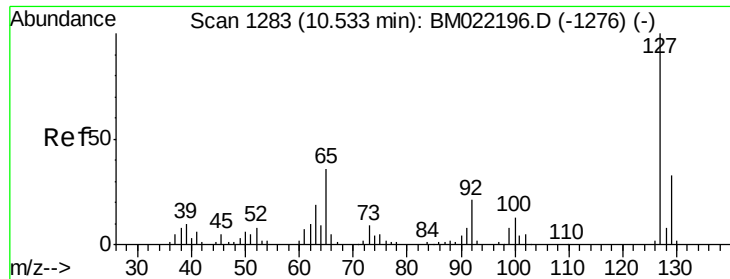
mohammad
9/6/2019 8:18:57 AM



#32
Benzoic acid
Concen: 11.746 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.8	109.3	149.3
77	121.3	105.5	145.5





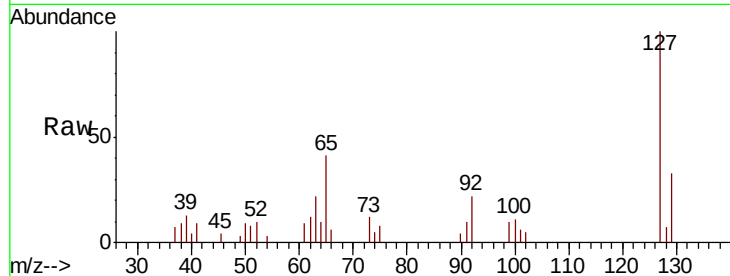
#33
4-Chloroaniline
Concen: 12.033 ng
RT: 10.49 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

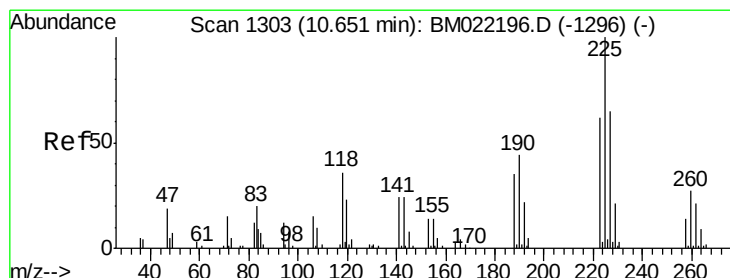
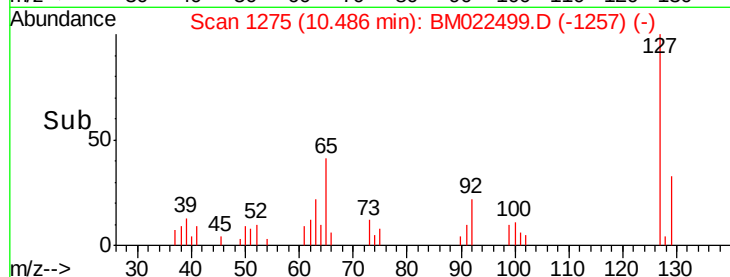
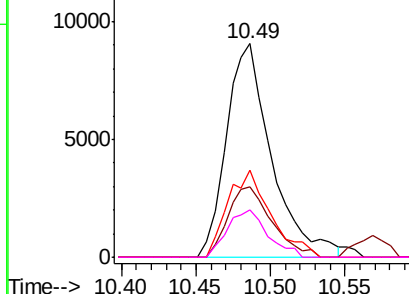
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		19124		
129	32.7	24.2	36.2		
65	41.0	31.0	46.4		
92	22.3	16.4	24.6		

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

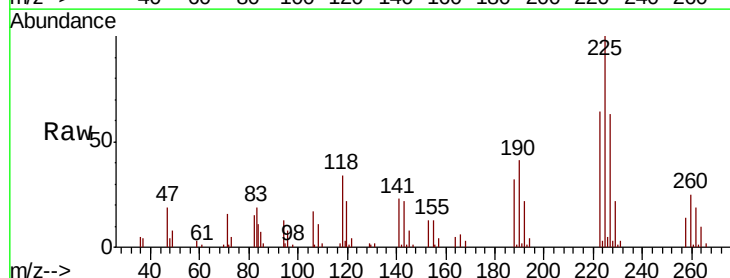


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

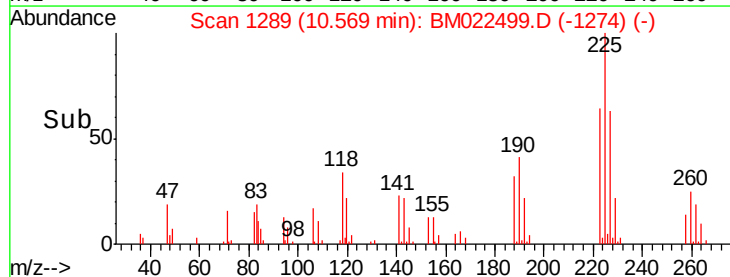
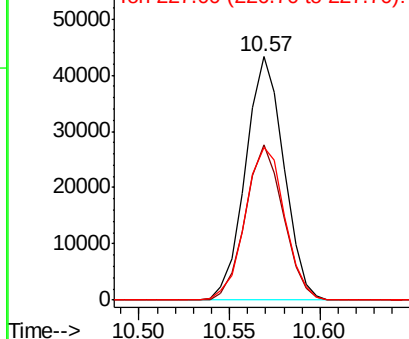


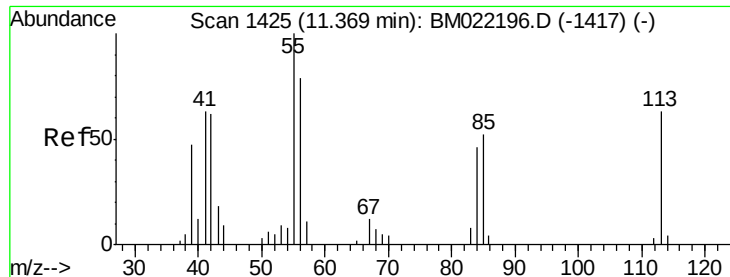
#34
Hexachlorobutadiene
Concen: 41.532 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		63651		
223	64.0	49.3	73.9		
227	63.0	52.6	79.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





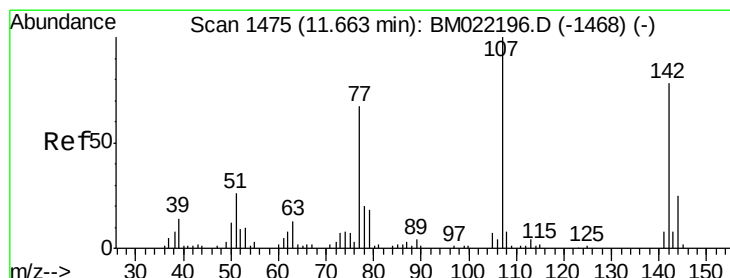
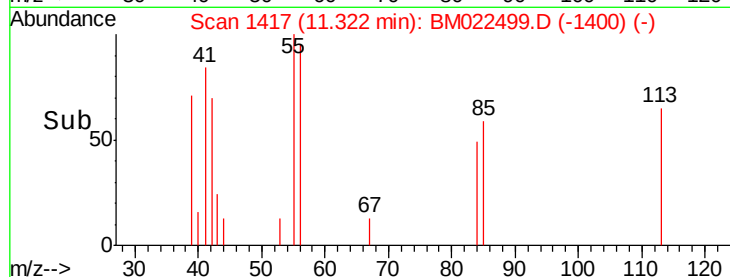
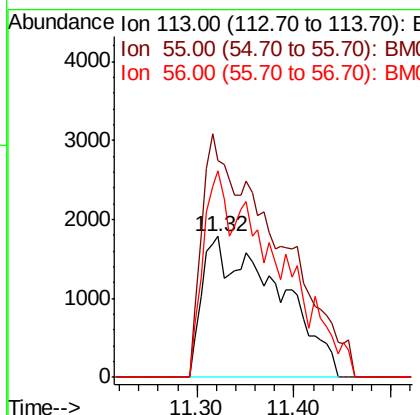
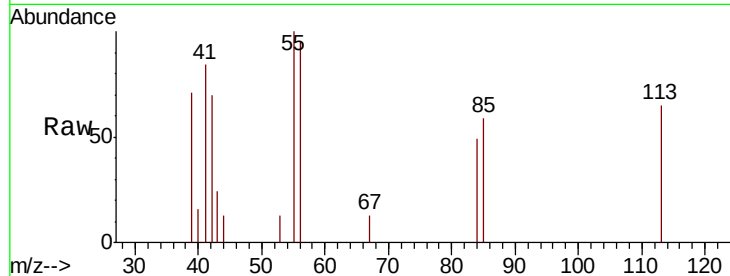
#35
 Caprolactam
 Concen: 30.811 ng/ml
 RT: 11.32 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleID :
 TP1-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	154.2	140.0	180.0	
56	146.8	117.6	157.6	

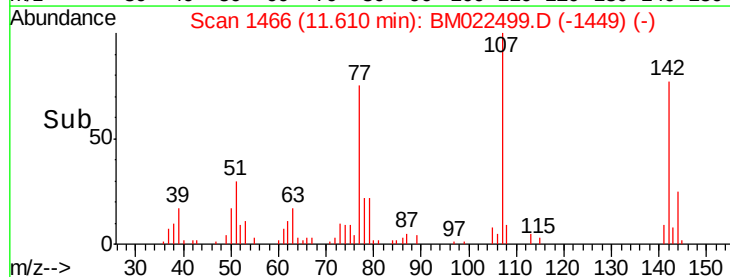
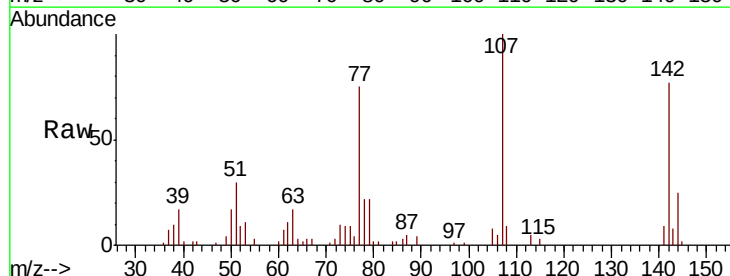
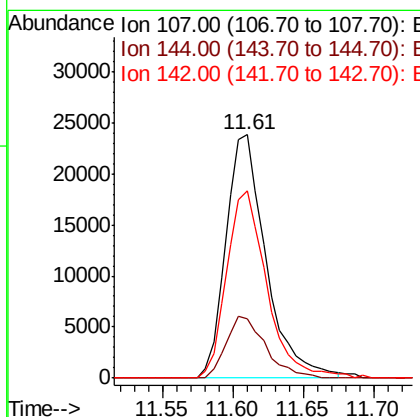
Manual Integrations
 APPROVED

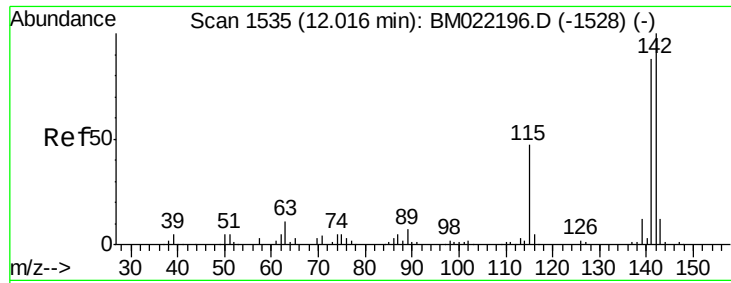
mohammad
 9/6/2019 8:18:57 AM



#36
 4-Chloro-3-methylphenol
 Concen: 36.739 ng/ml
 RT: 11.61 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.5	19.8	29.6	
142	77.0	63.1	94.7	





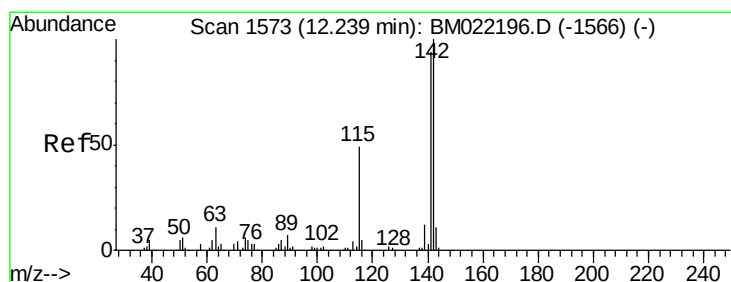
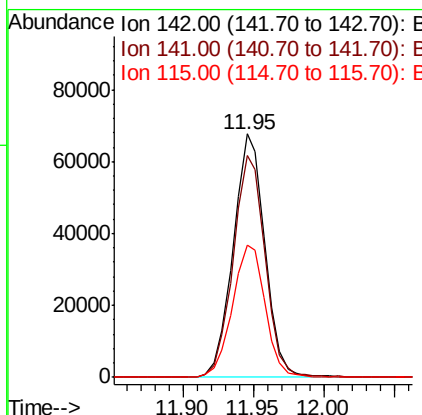
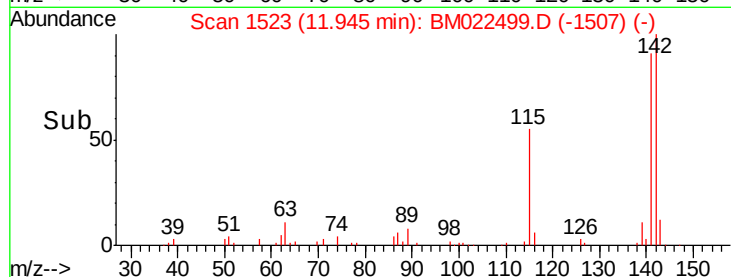
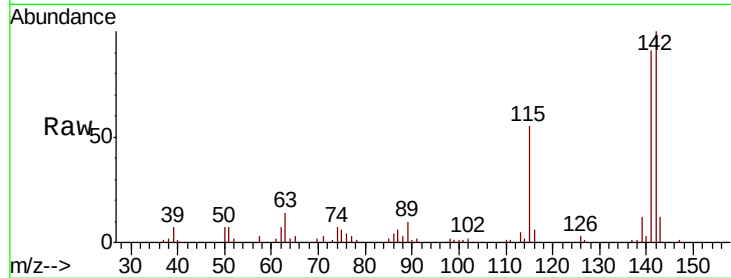
#37
2-Methylnaphthalene
Concen: 37.678 ng
RT: 11.95 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.2
115	54.6	43.2	64.8

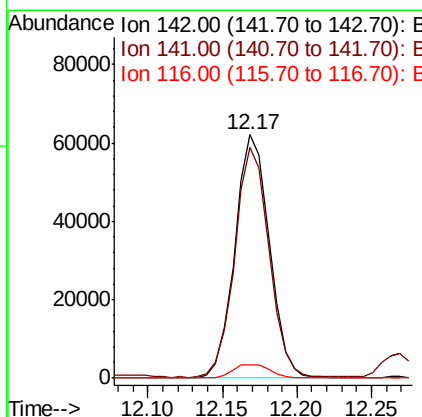
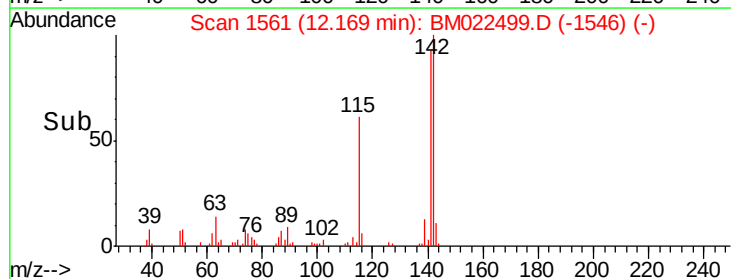
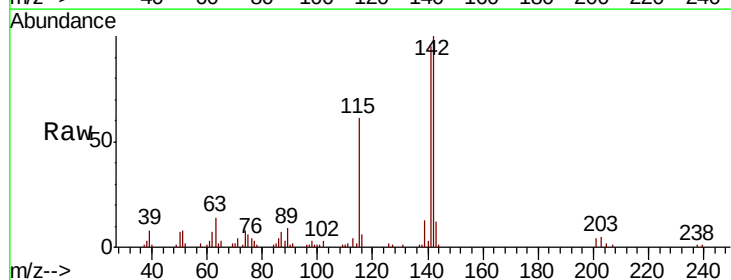
Manual Integrations
APPROVED

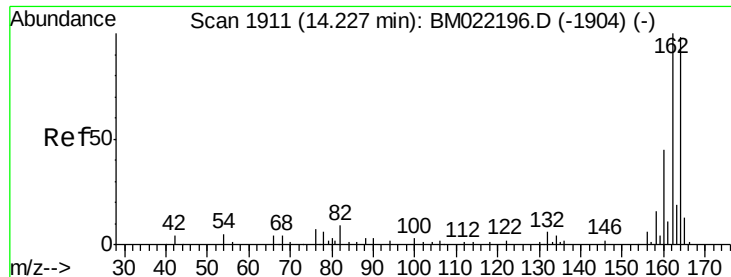
mohammad
9/6/2019 8:18:57 AM



#38
1-Methylnaphthalene
Concen: 36.833 ng
RT: 12.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	77.3	115.9
116	5.7	4.9	7.3





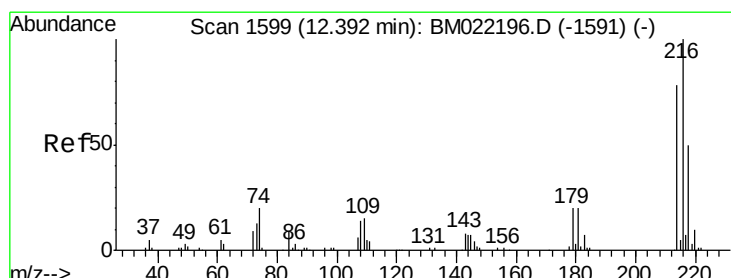
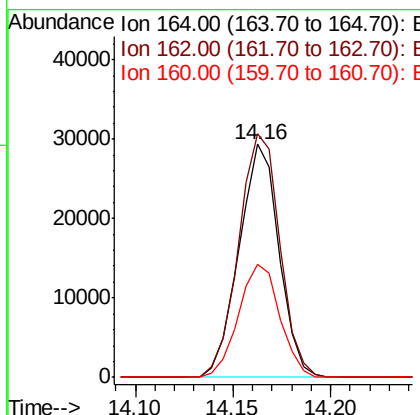
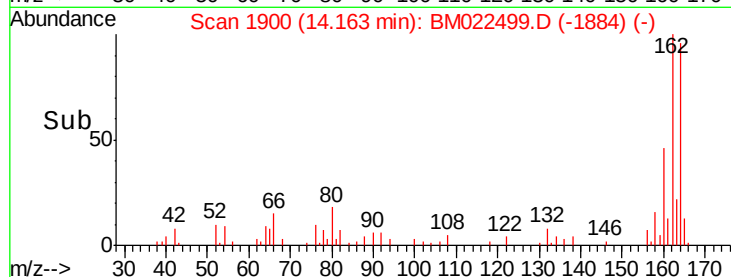
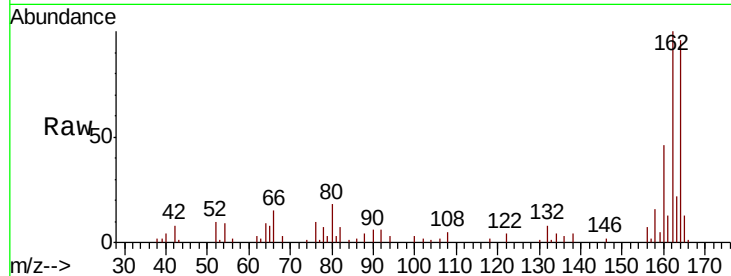
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	48.3	37.3	55.9

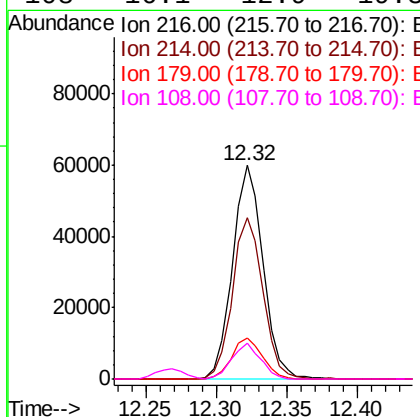
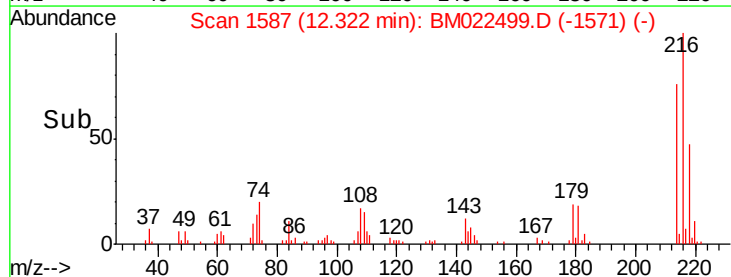
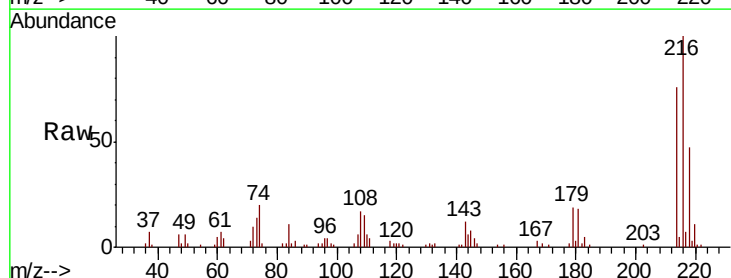
Manual Integrations
 APPROVED

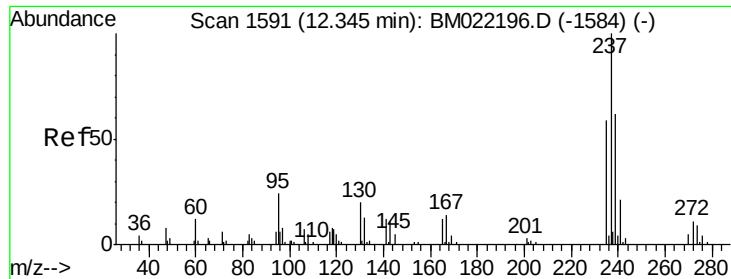
mohammad
 9/6/2019 8:18:57 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.697 ng
 RT: 12.32 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.4	61.0	91.4
179	19.3	15.2	22.8
108	16.1	12.9	19.3





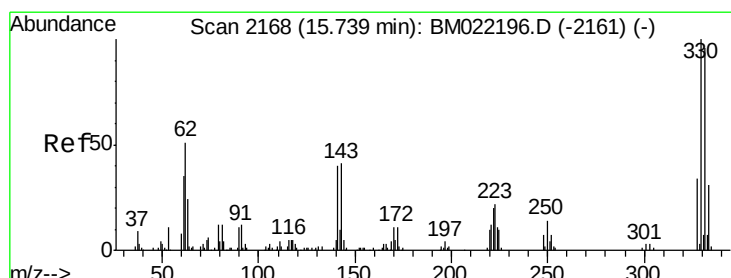
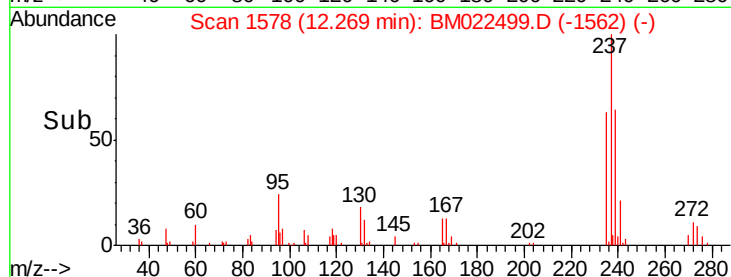
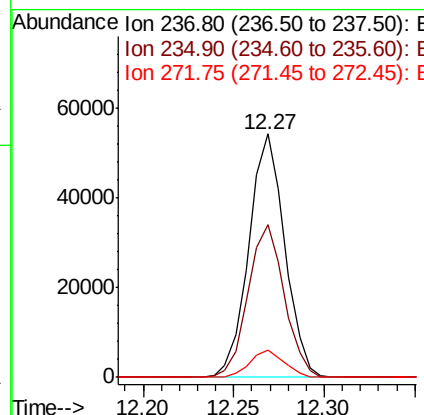
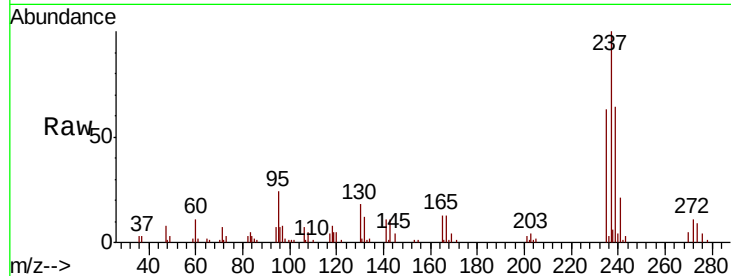
#41
Hexachlorocyclopentadiene
Concen: 90.728 ng
RT: 12.27 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	40.5	80.5
272	11.2	0.0	30.8

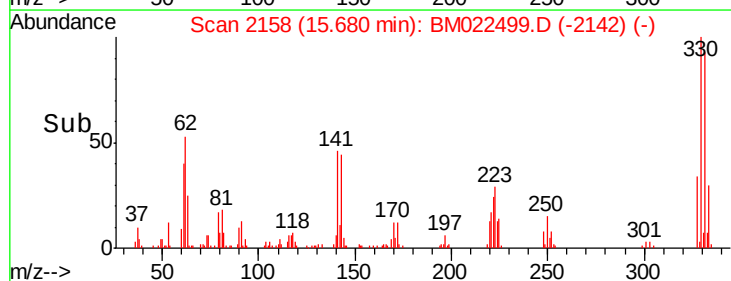
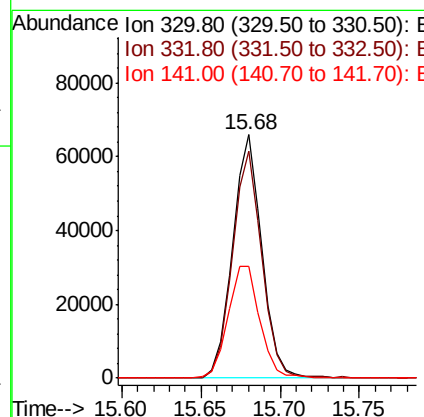
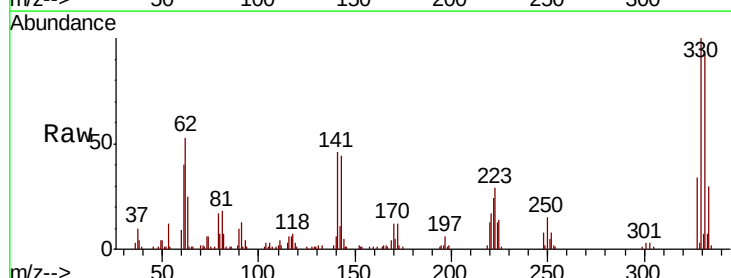
Manual Integrations
APPROVED

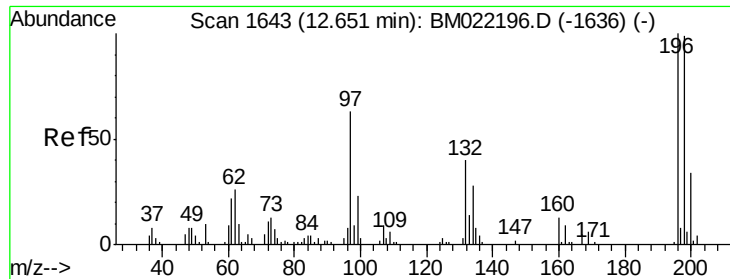
mohammad
9/6/2019 8:18:57 AM



#42
2,4,6-Tribromophenol
Concen: 98.747 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.8	116.8
141	50.1	35.6	53.4





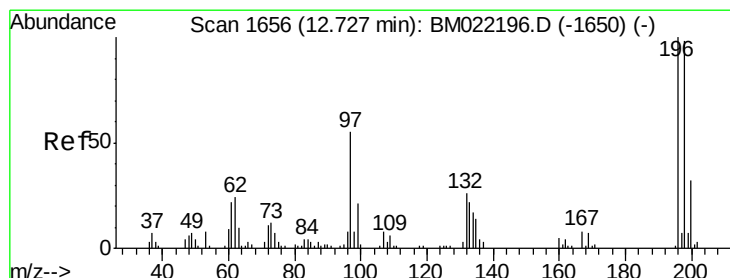
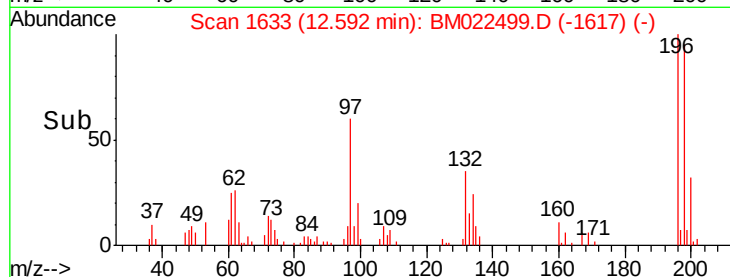
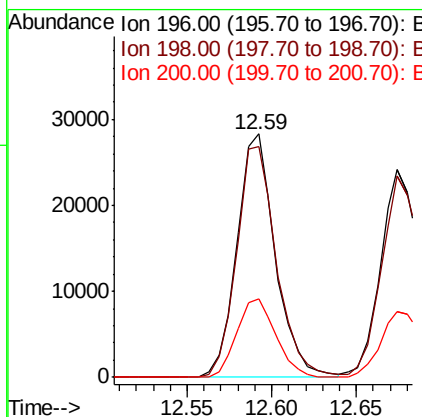
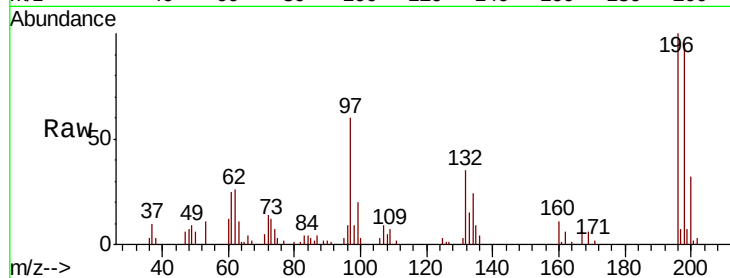
#43
 2,4,6-Trichlorophenol
 Concen: 42.111 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	44792		
198	94.7	77.0	115.6	
200	32.3	26.3	39.5	

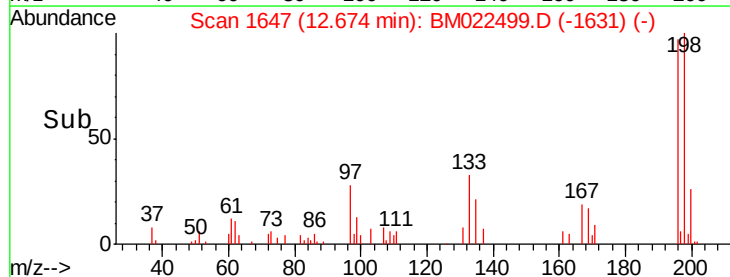
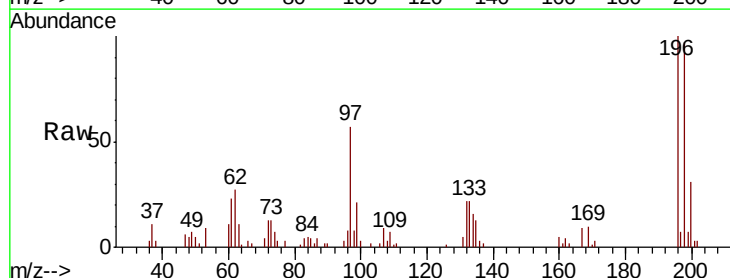
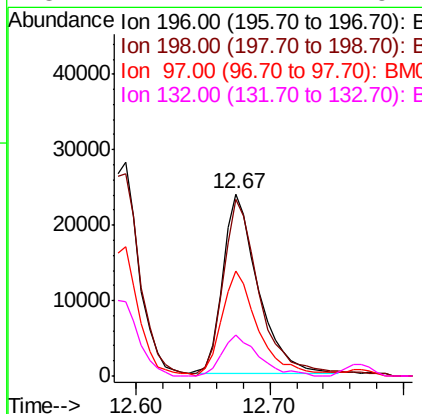
Manual Integrations
 APPROVED

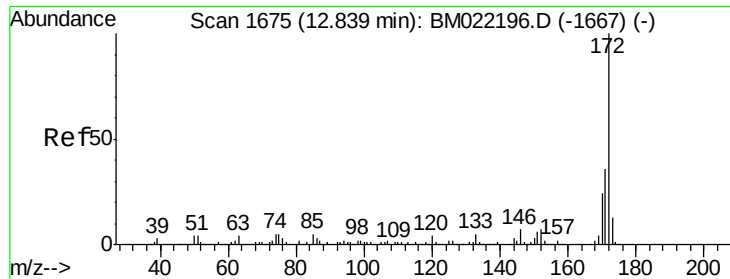
mohammad
 9/6/2019 8:18:57 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.279 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43537		
198	97.0	76.6	115.0	
97	57.3	41.7	62.5	
132	22.2	17.1	25.7	





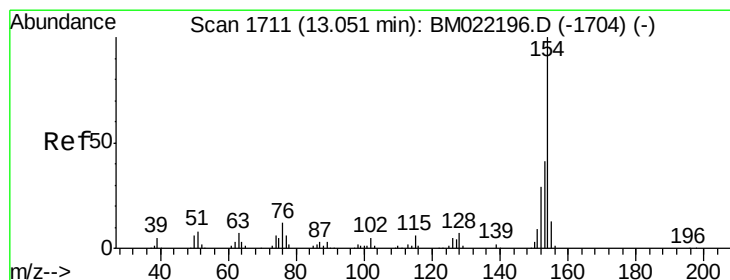
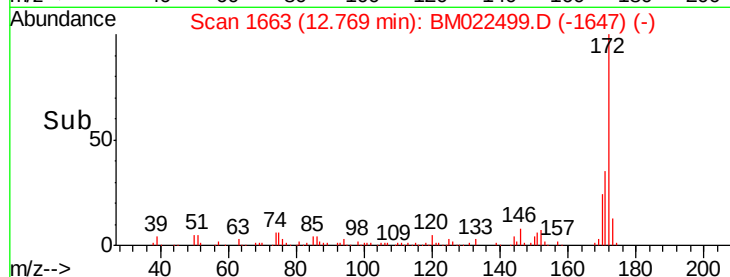
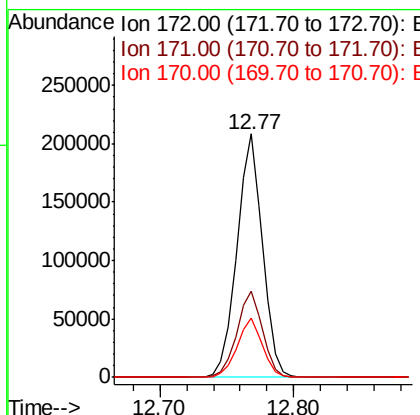
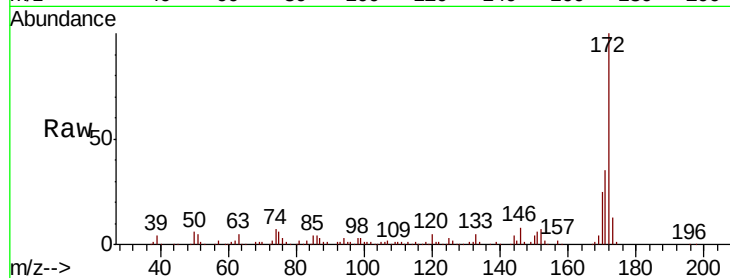
#45
2-Fluorobiphenyl
Concen: 75.224 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.6	18.9	28.3

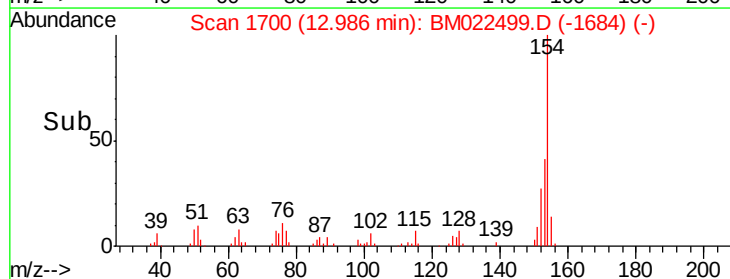
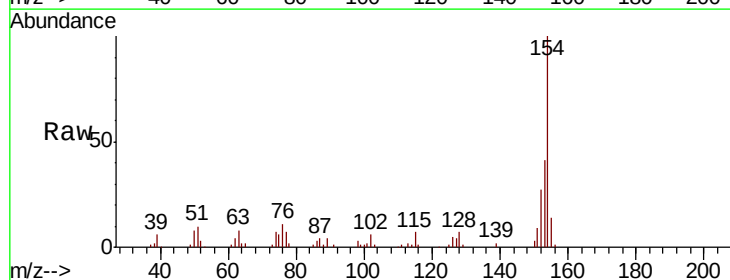
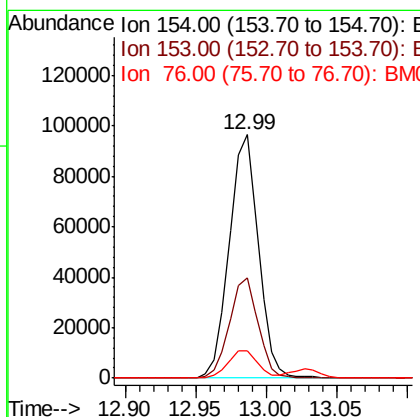
Manual Integrations
APPROVED

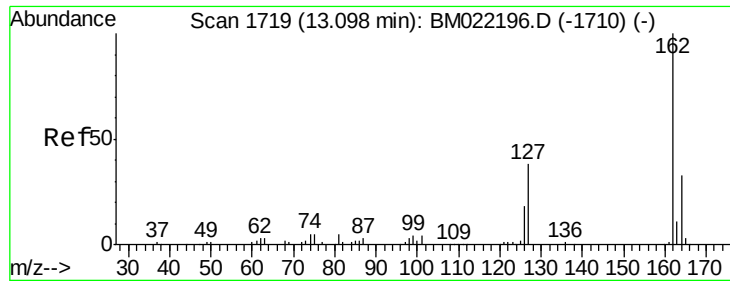
mohammad
9/6/2019 8:18:57 AM



#46
1,1'-Biphenyl
Concen: 40.982 ng
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.0	0.0	30.9





#47

2-Chloronaphthalene

Concen: 40.937 ng

RT: 13.03 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

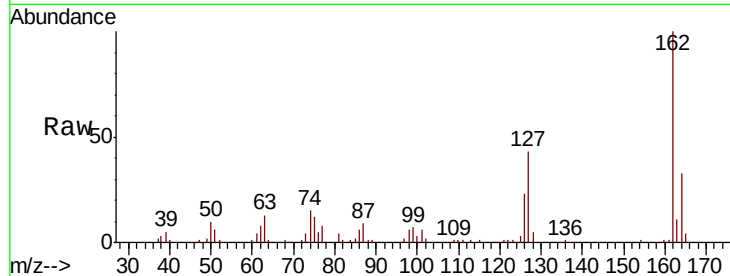
ClientSampleId :

TP1-COMPMSD

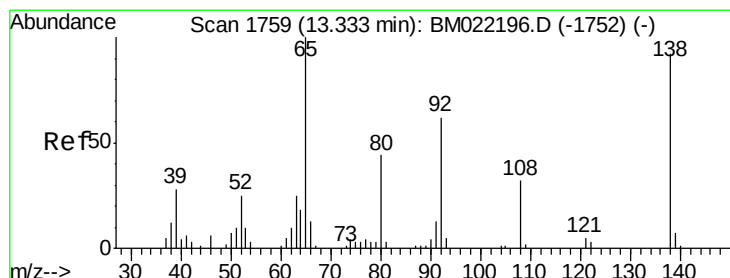
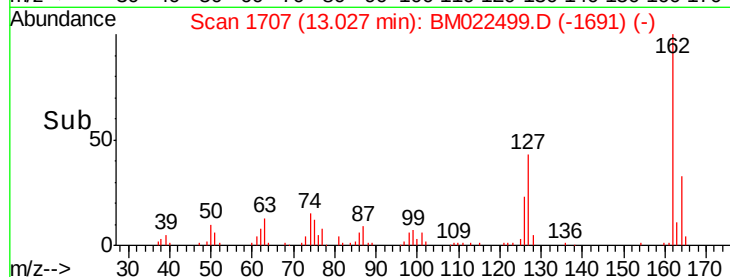
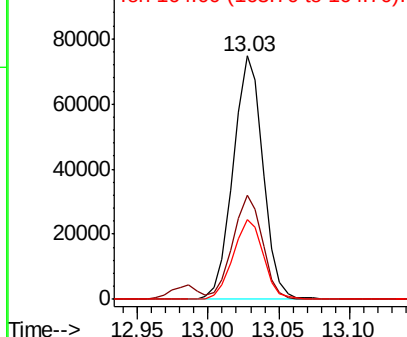
Tot Ion:	162	Resp:	110281
Ion Ratio	Lower	Upper	
162	100		
127	42.6	32.6	49.0
164	32.9	26.2	39.4

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.915 ng

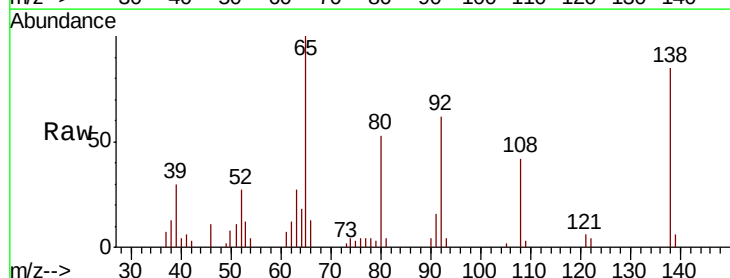
RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

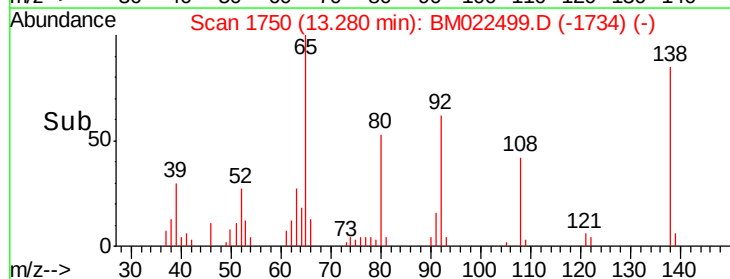
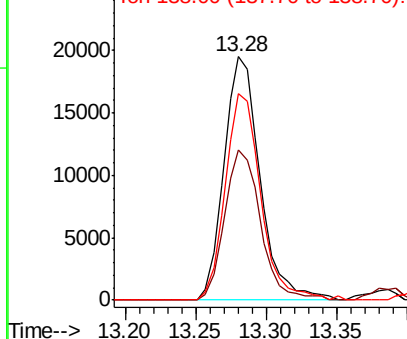
Lab File: BM022499.D

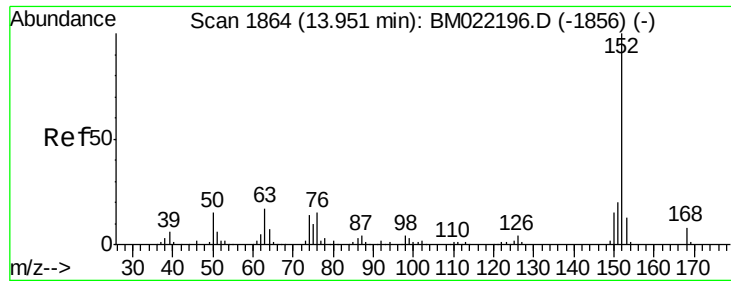
Acq: 03 Sep 2019 12:51

Tgt Ion:	65	Resp:	34632
Ion Ratio	Lower	Upper	
65	100		
92	61.5	49.1	73.7
138	84.8	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.796 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

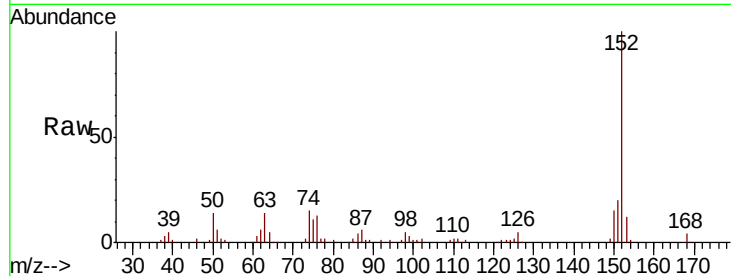
ClientSampleId :

TP1-COMPMSD

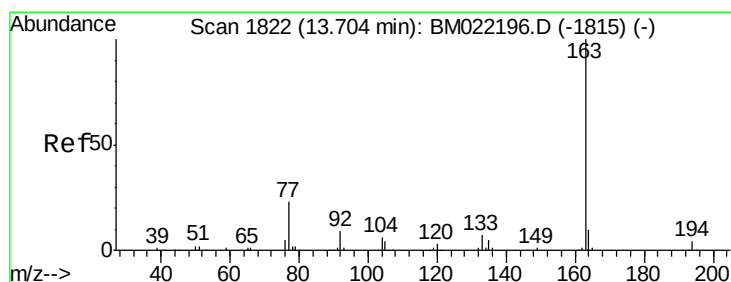
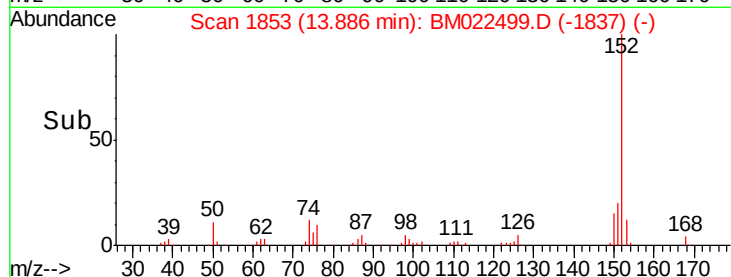
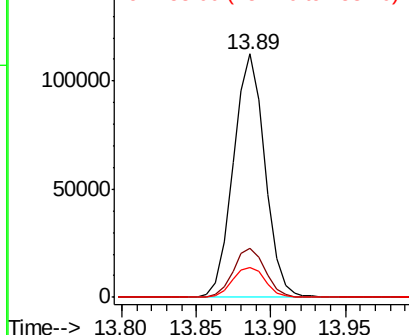
Tot Ion:	152	Resp:	165868
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.9	25.3
153	12.3	10.4	15.6

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.537 ng

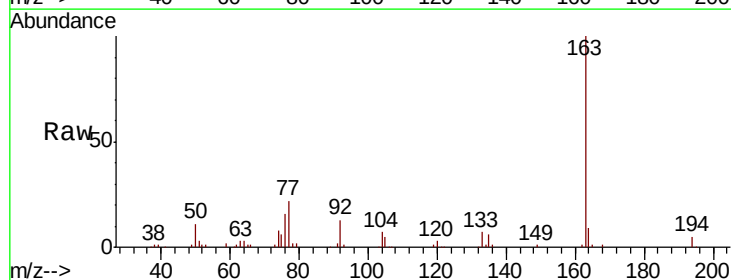
RT: 13.64 min Scan# 1812

Delta R.T. -0.01 min

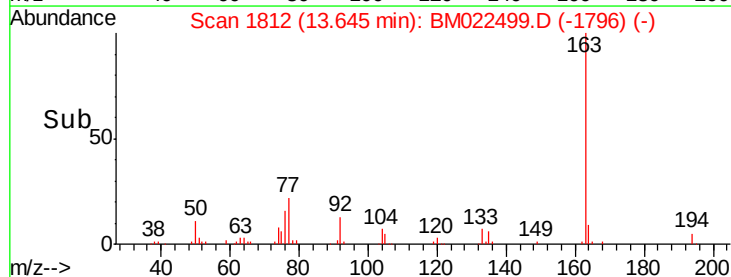
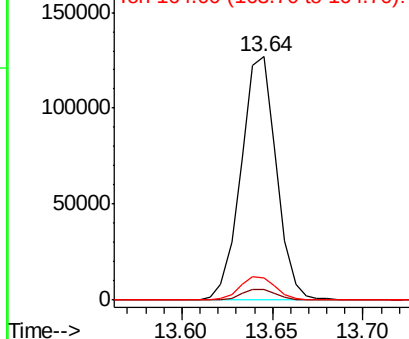
Lab File: BM022499.D

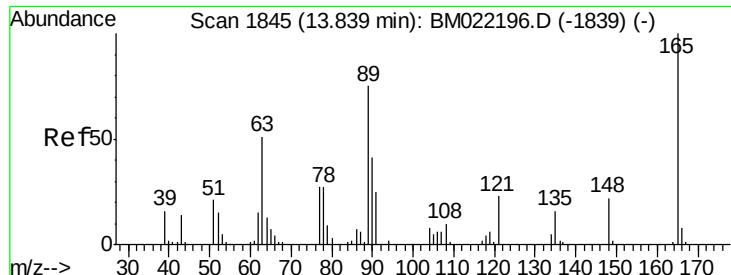
Acq: 03 Sep 2019 12:51

Tgt Ion:	163	Resp:	171675
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	9.3	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





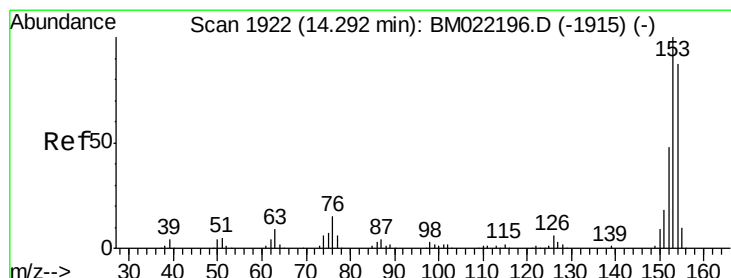
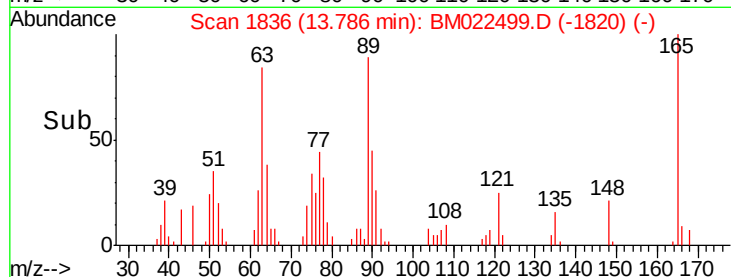
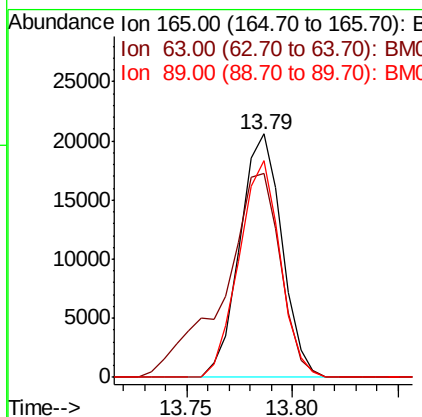
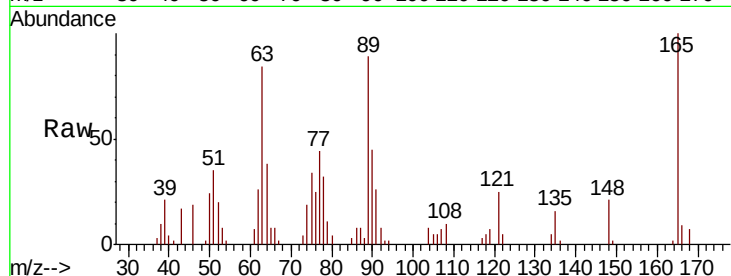
#51
 2,6-Dinitrotoluene
 Concen: 40.109 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	83.6	65.4	98.2
89	88.8	69.0	103.6

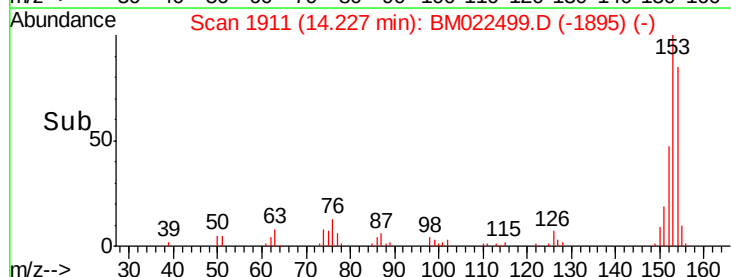
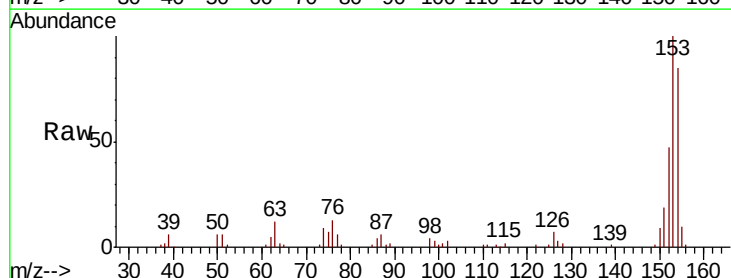
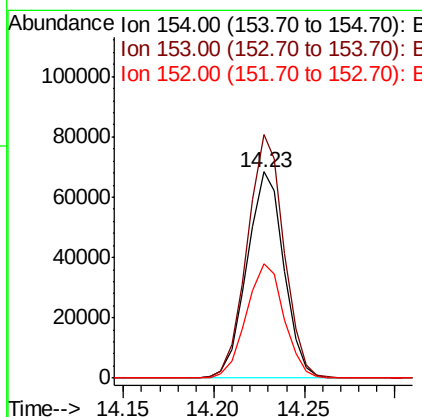
Manual Integrations
 APPROVED

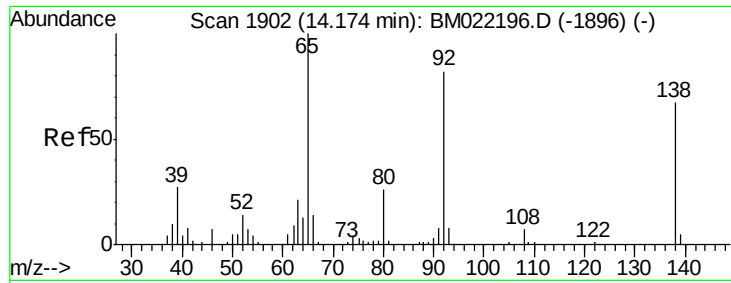
mohammad
 9/6/2019 8:18:57 AM



#52
 Acenaphthene
 Concen: 39.642 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.0	94.3	141.5
152	55.4	45.4	68.2





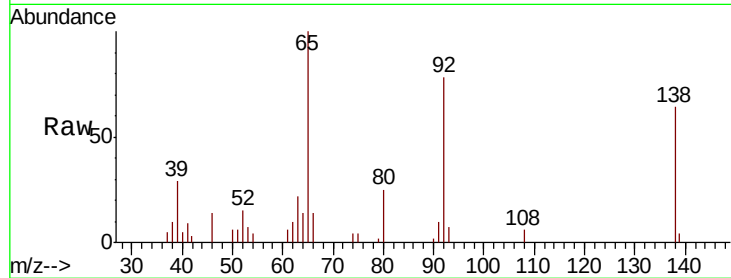
#53
3-Nitroaniline
Concen: 23.248 ng
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

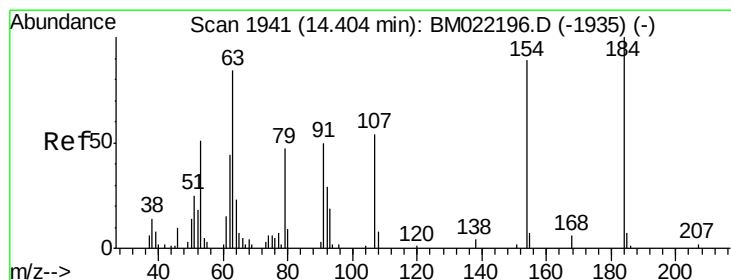
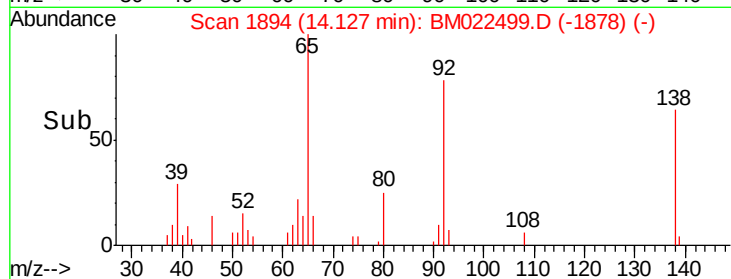
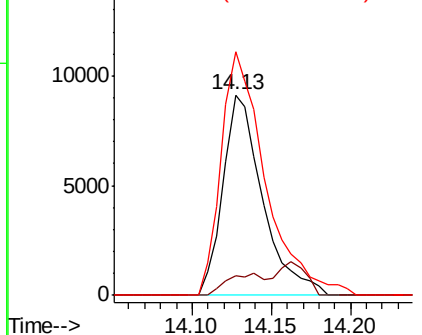
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.1	13.7
92	121.6	103.3	154.9

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



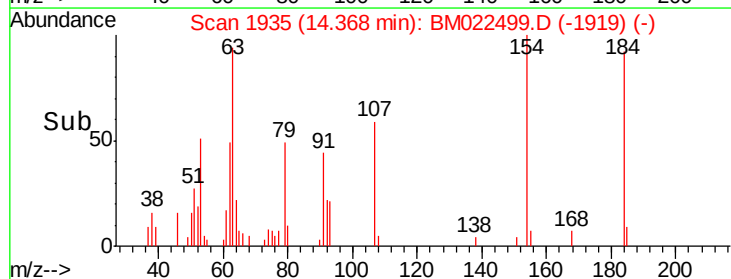
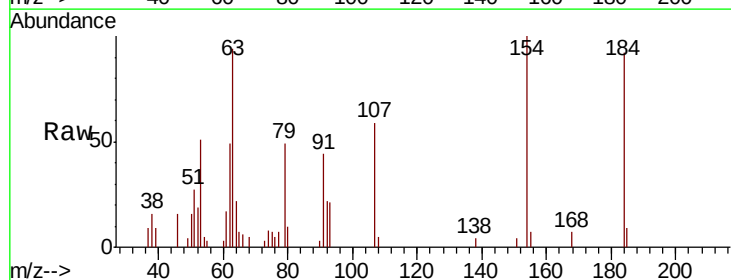
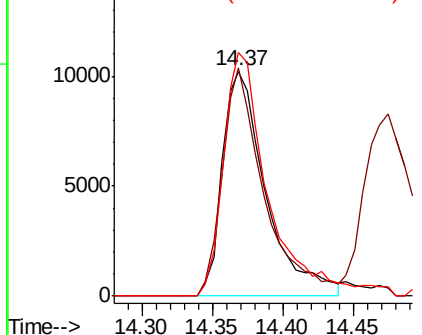
Abundance Ion 138.00 (137.70 to 138.70): E
15000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

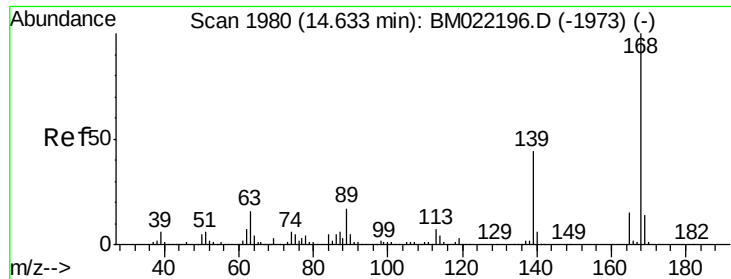


#54
2,4-Dinitrophenol
Concen: 54.766 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	101.3	63.8	95.8#
154	108.3	75.0	112.6

Abundance Ion 184.00 (183.70 to 184.70): E
15000 Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.329 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

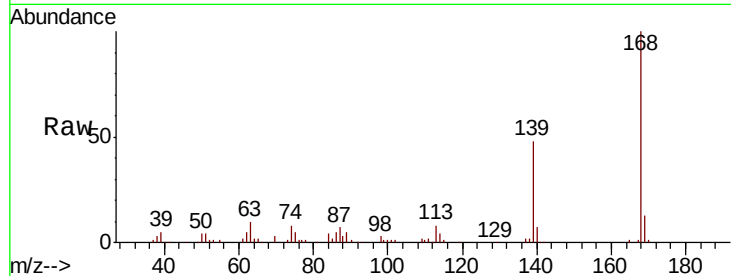
ClientSampleId :

TP1-COMPMSD

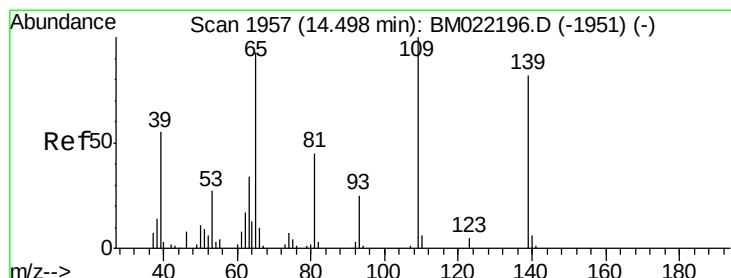
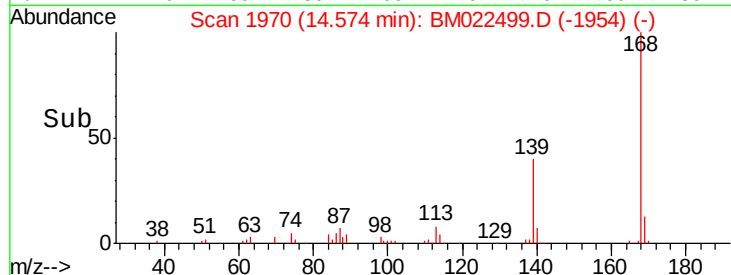
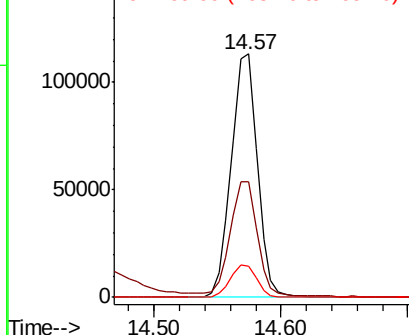
Tot Ion:	168	Resp:	161557
Ion Ratio	Lower	Upper	
168	100		
139	47.5	36.1	54.1
169	12.9	10.4	15.6

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.565 ng

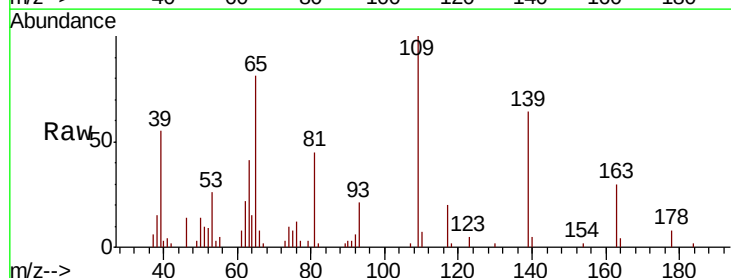
RT: 14.47 min Scan# 1952

Delta R.T. -0.01 min

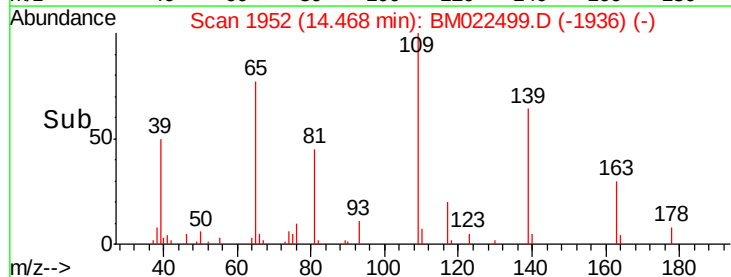
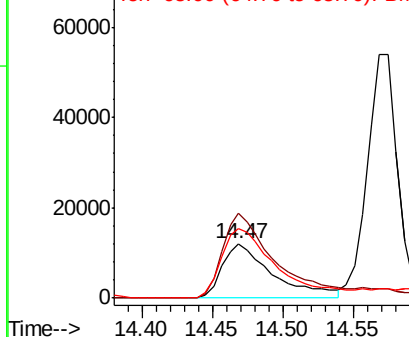
Lab File: BM022499.D

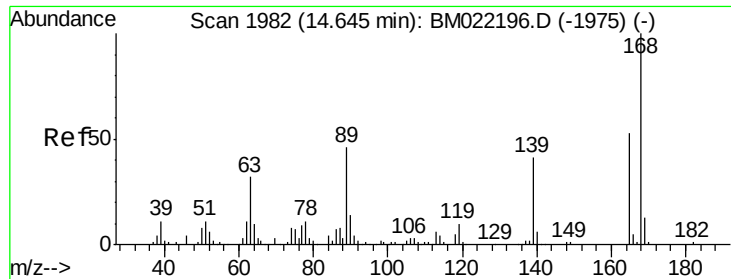
Acq: 03 Sep 2019 12:51

Tgt Ion:	139	Resp:	29998
Ion Ratio	Lower	Upper	
139	100		
109	157.4	128.0	168.0
65	128.0	104.3	144.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





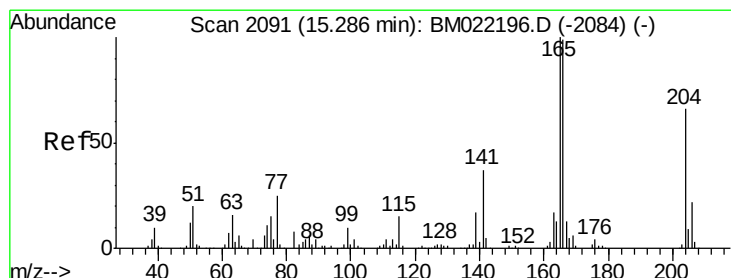
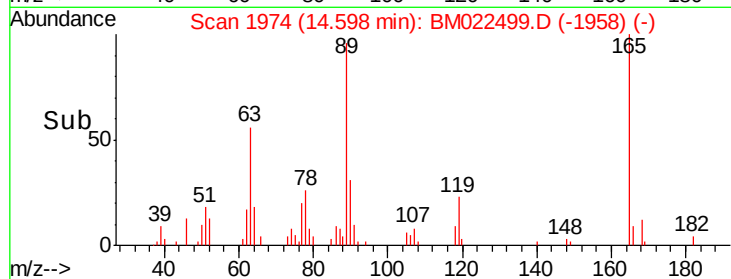
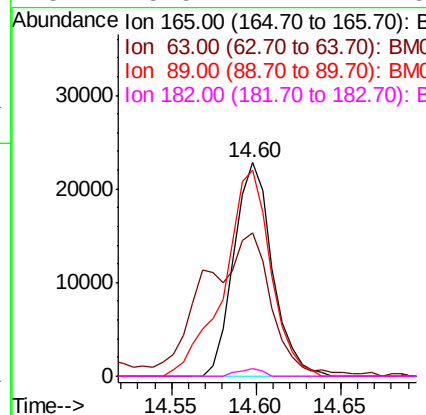
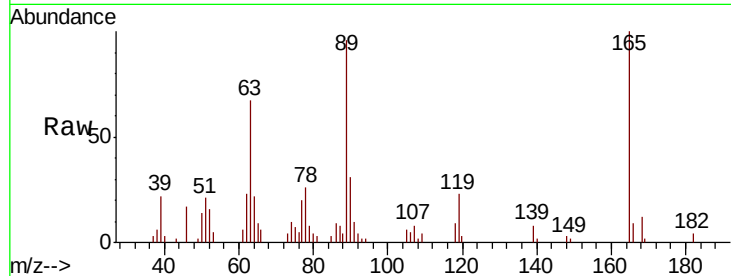
#57
2,4-Dinitrotoluene
Concen: 35.488 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	36195		
63	67.3	54.6	82.0	
89	96.3	74.5	111.7	
182	3.5	1.7	2.5#	

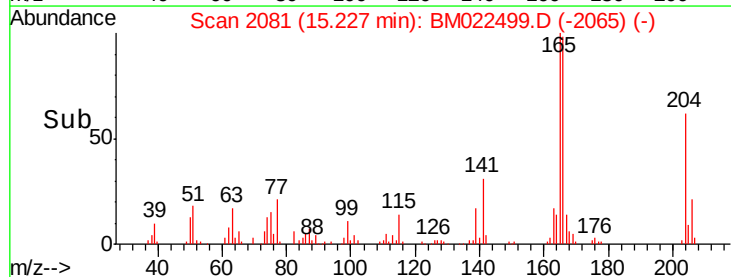
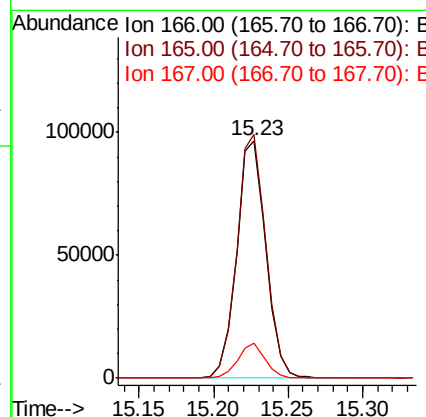
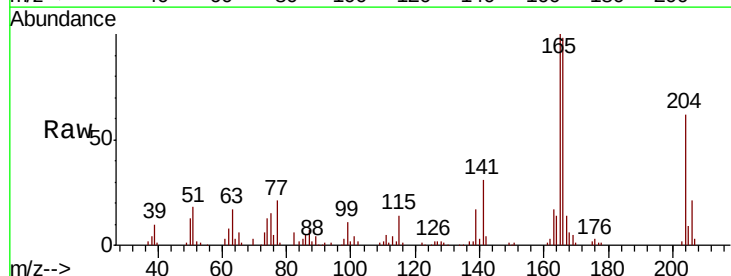
Manual Integrations
APPROVED

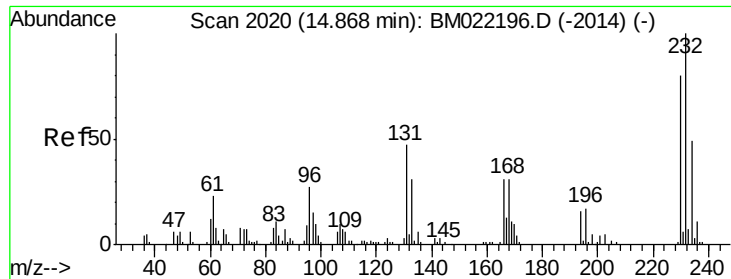
mohammad
9/6/2019 8:18:57 AM



#58
Fluorene
Concen: 35.777 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	131300		
165	102.5	81.1	121.7	
167	14.5	11.1	16.7	





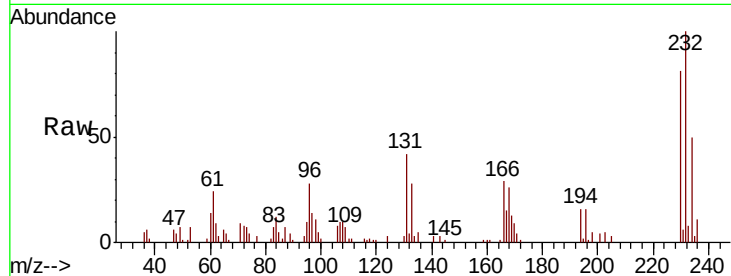
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.781 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	32.0	48.0
130	2.7	2.4	3.6
166	25.3	20.2	30.2

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



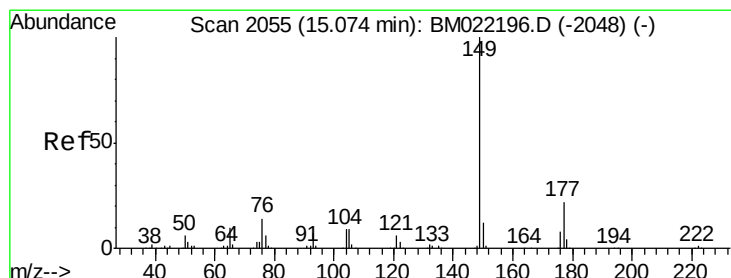
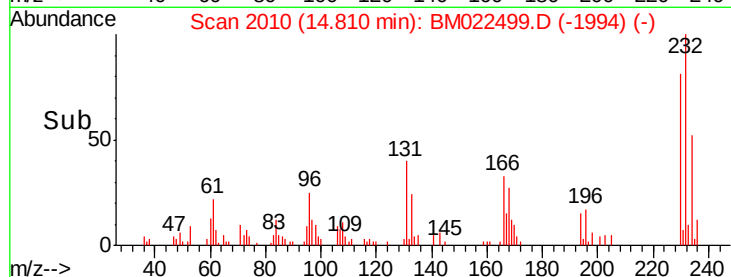
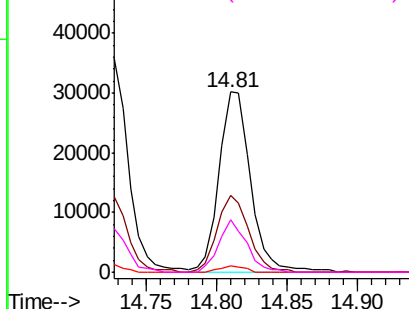
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.842 ng
RT: 15.02 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

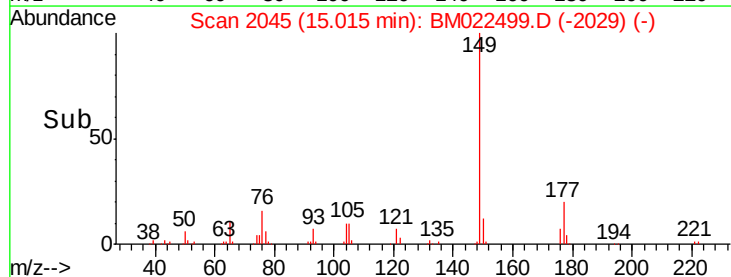
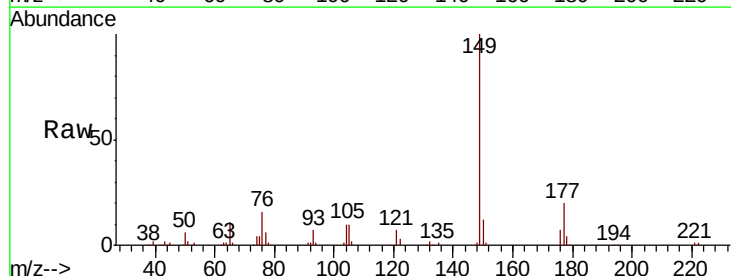
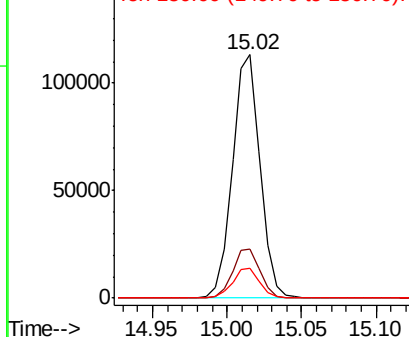
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	25.0
150	12.2	9.8	14.8

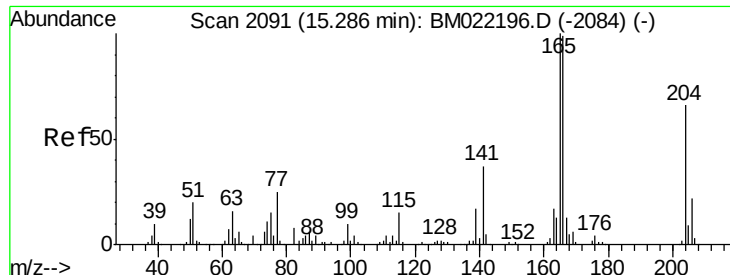
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





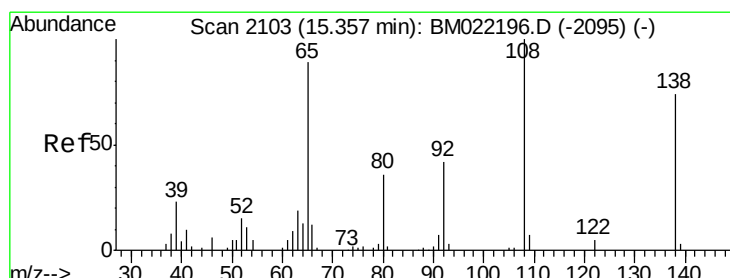
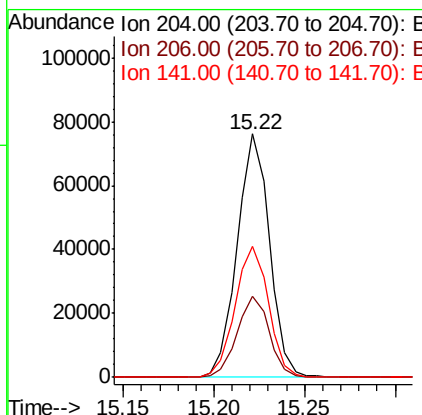
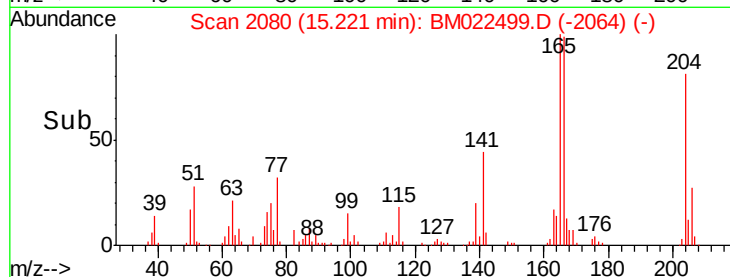
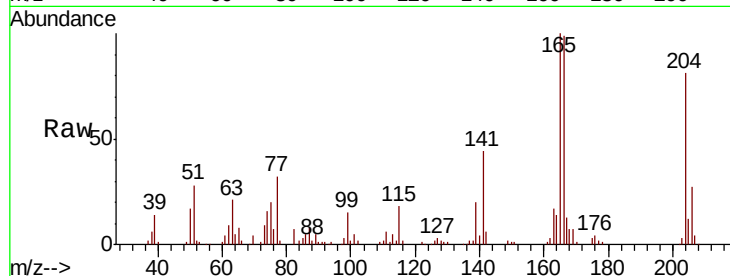
#61
 4-Chlorophenyl-phenylether
 Concen: 37.401 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.4
141	53.7	40.6	60.8

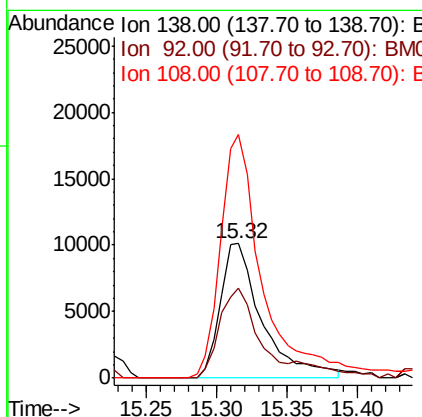
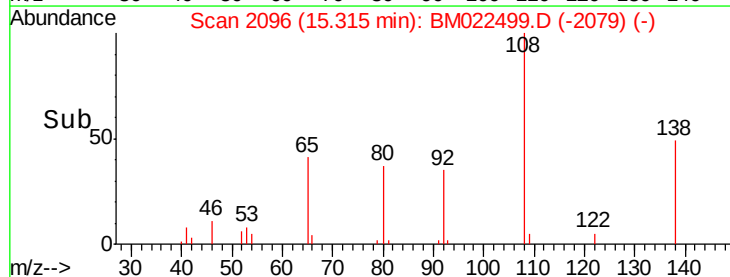
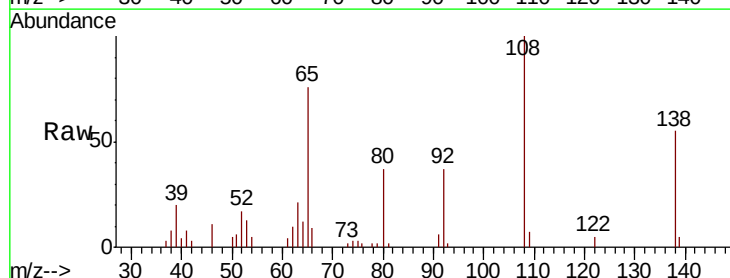
Manual Integrations
 APPROVED

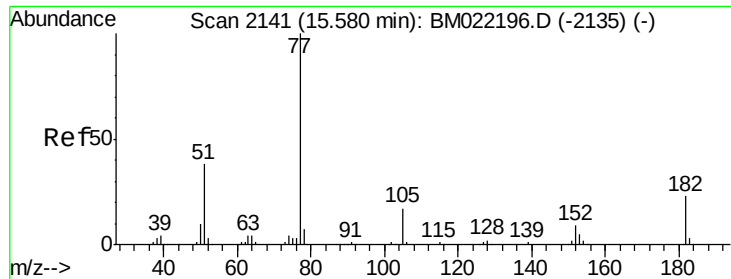
mohammad
 9/6/2019 8:18:57 AM



#62
 4-Nitroaniline
 Concen: 32.881 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	67.2	40.5	80.5
108	181.2	156.8	196.8





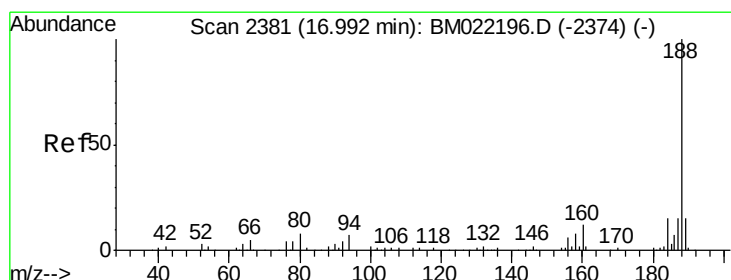
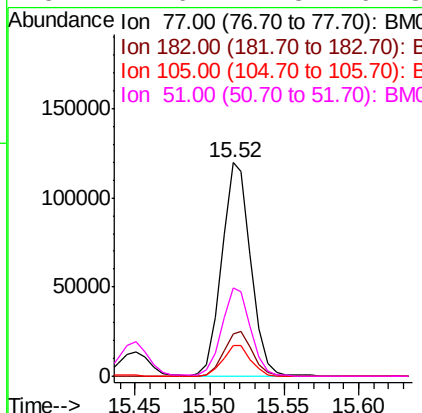
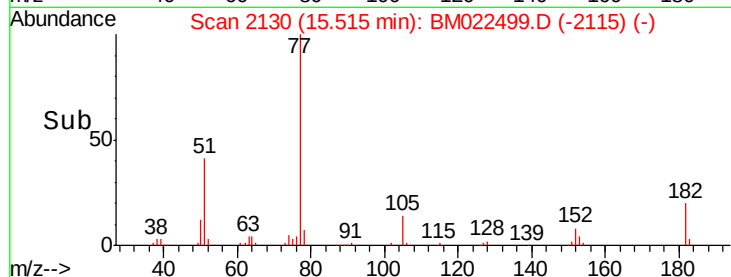
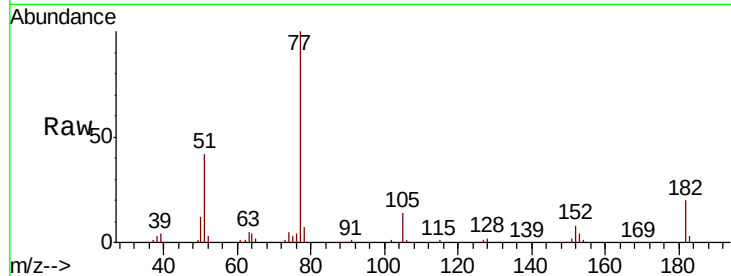
#63
Azobenzene
Concen: 43.304 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.0	3.5	43.5
105	14.2	0.0	34.2
51	41.6	21.8	61.8

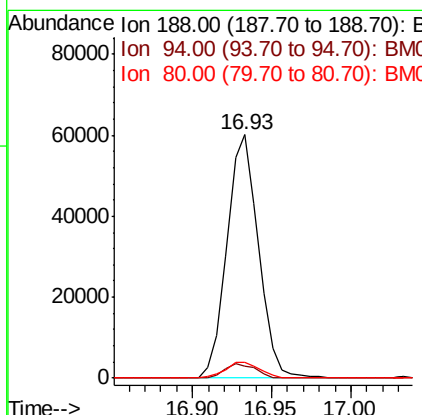
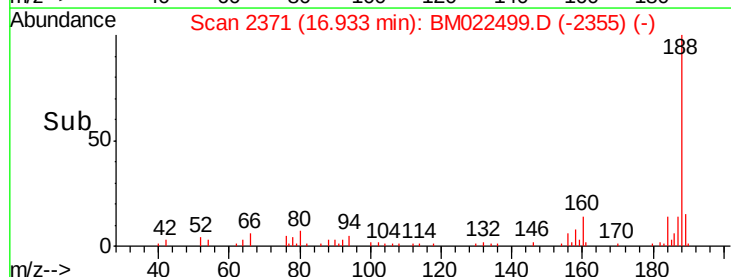
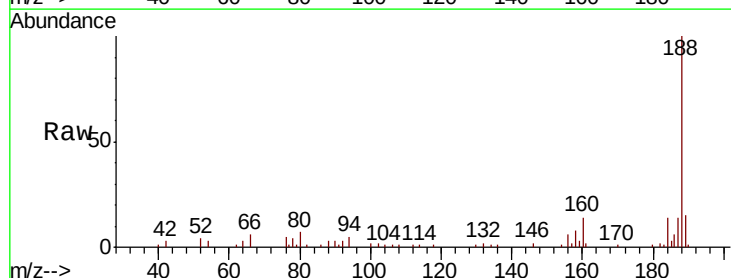
Manual Integrations
APPROVED

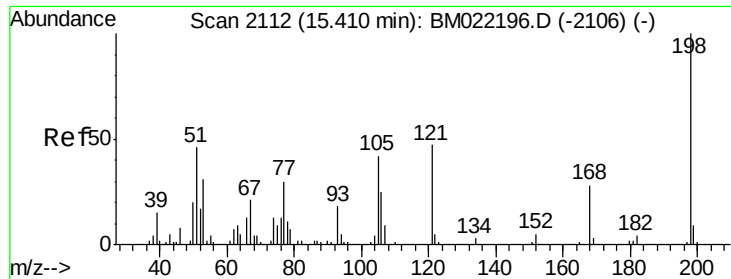
mohammad
9/6/2019 8:18:57 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.4	6.6
80	6.6	5.0	7.6





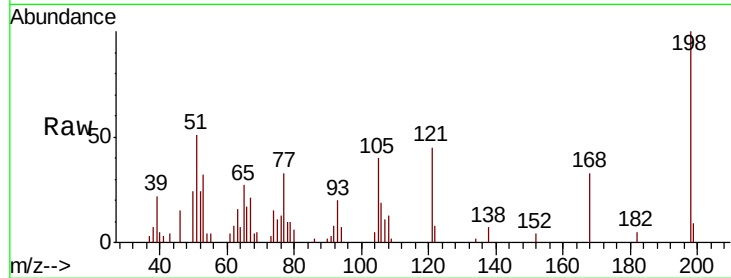
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.006 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	21692		
51	50.7	21.0	61.0	
105	40.4	16.1	56.1	

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

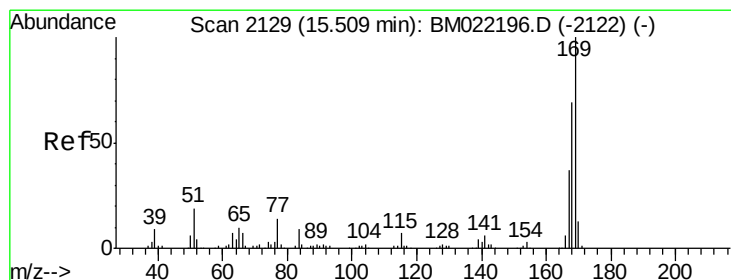
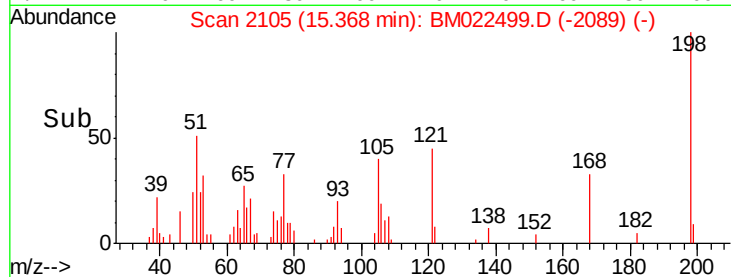
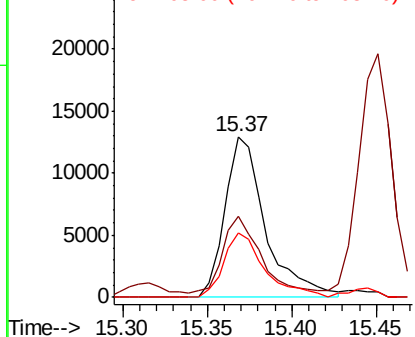


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 43.151 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

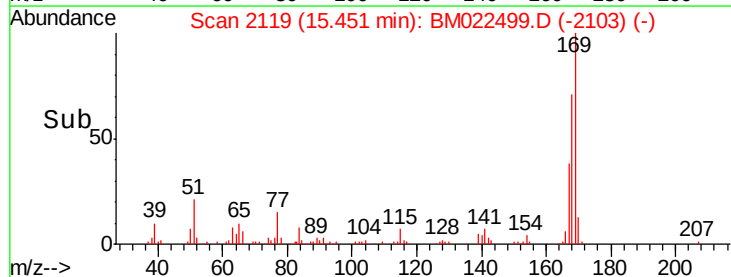
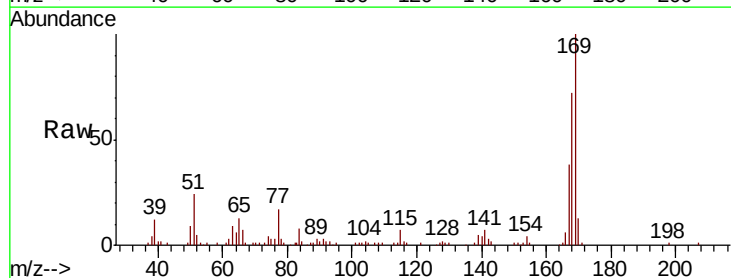
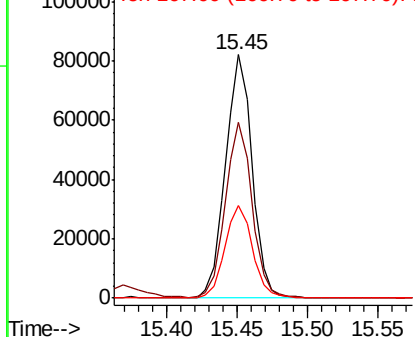
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	107619		
168	72.4	56.7	85.1	
167	37.8	30.8	46.2	

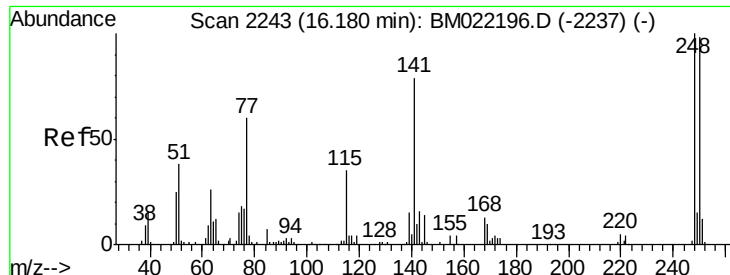
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





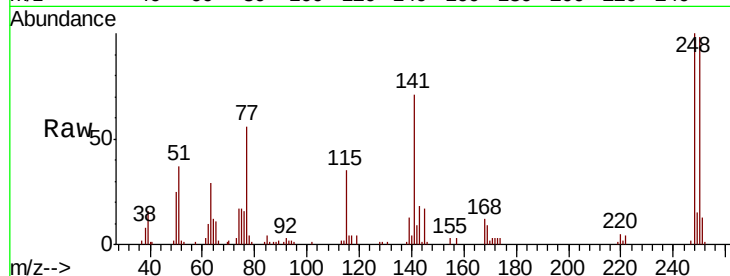
#67
 4-Bromophenyl-phenylether
 Concen: 43.308 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	73.6	110.4
141	71.0	53.3	79.9

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

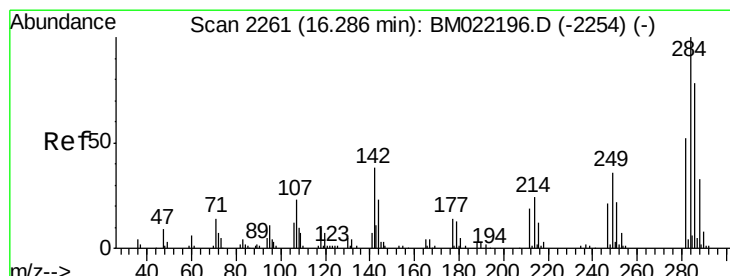
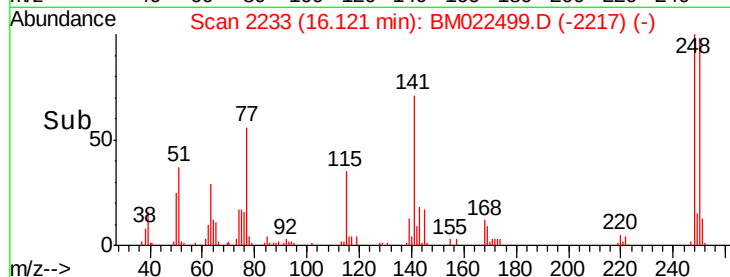
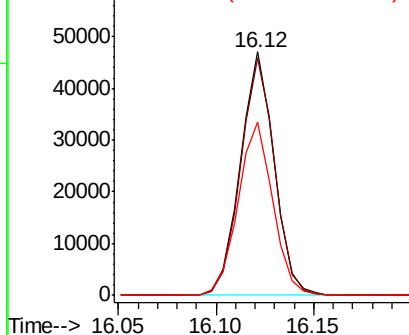


Abundance

Ion 248.00 (247.70 to 248.70): E

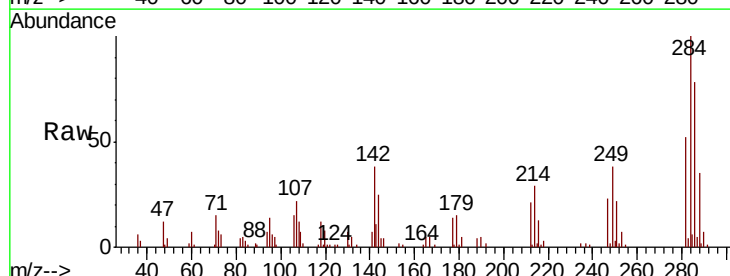
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.730 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	30.2	45.4
249	37.8	28.8	43.2

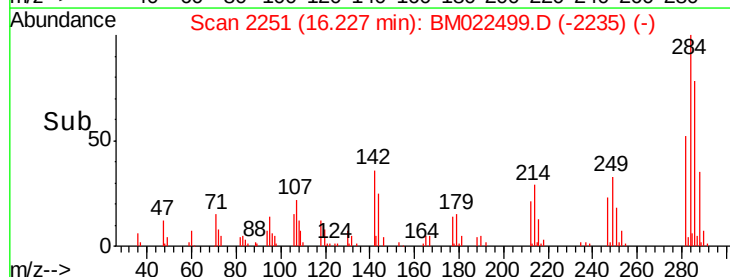
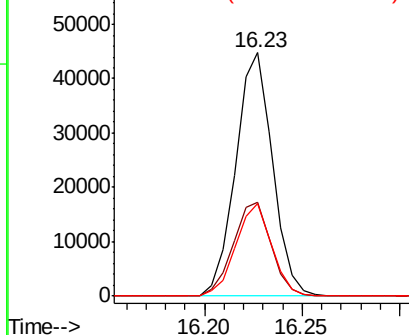


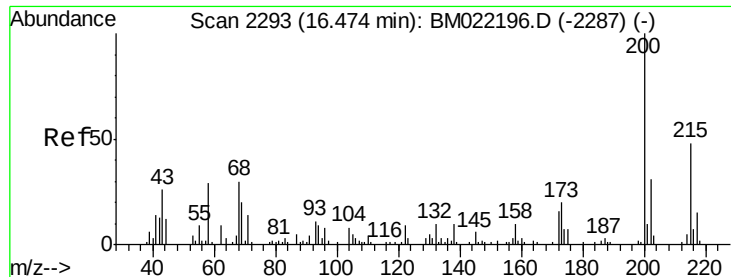
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





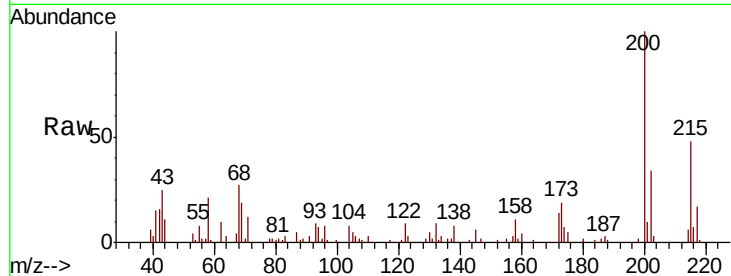
#69
Atrazine
Concen: 40.815 ng
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	18.8	0.0	39.9
215	48.2	27.8	67.8

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

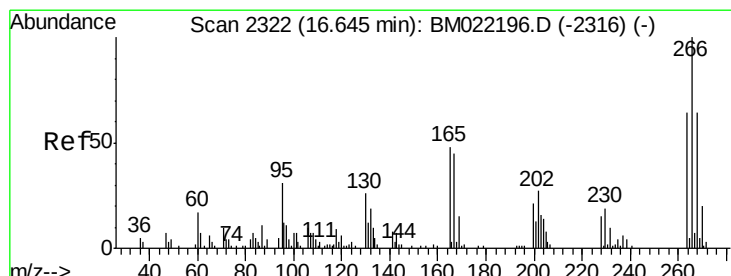
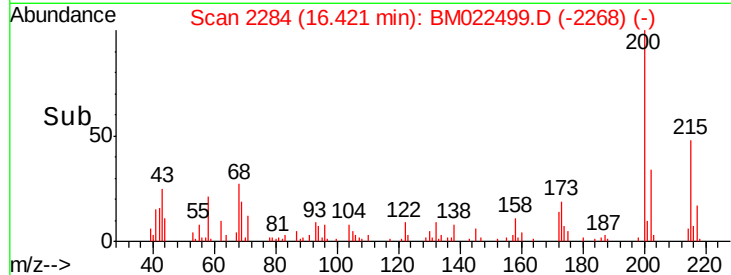
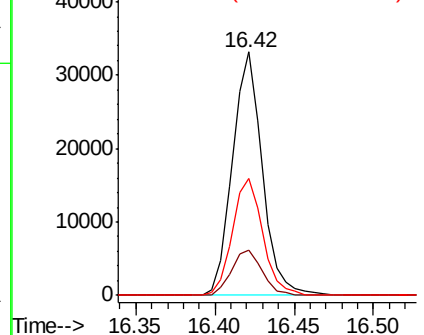


Abundance

Ion 200.00 (199.70 to 200.70): E

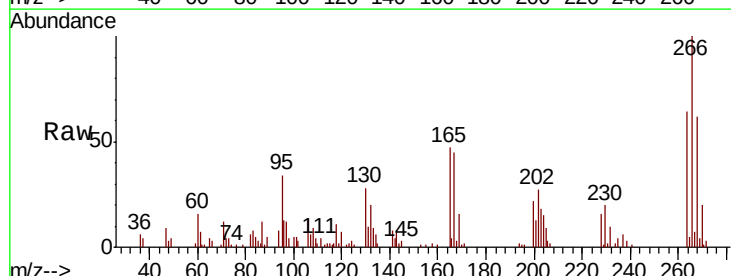
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 87.931 ng
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	48.4	72.6
264	64.4	51.7	77.5

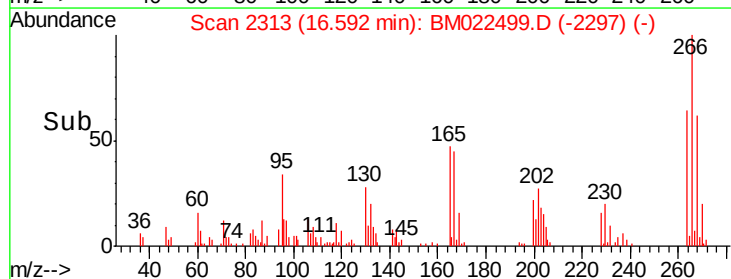
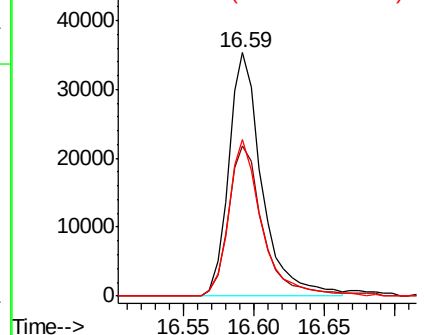


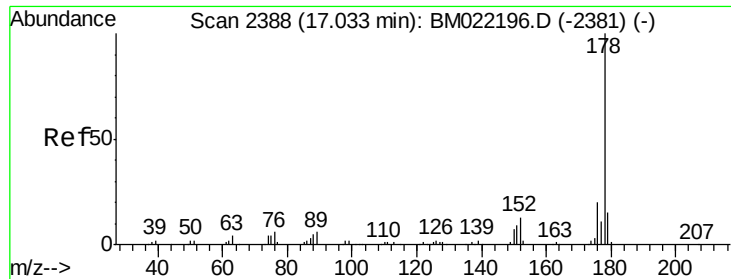
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





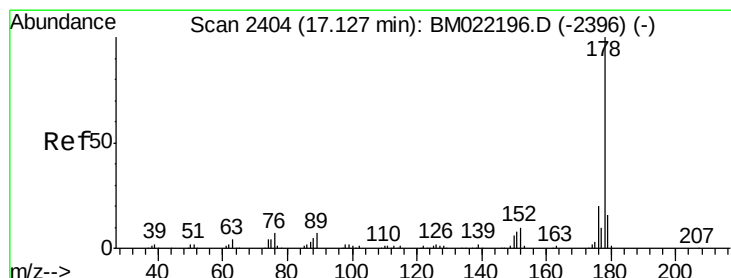
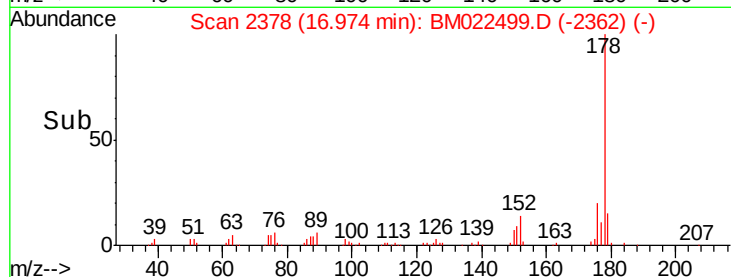
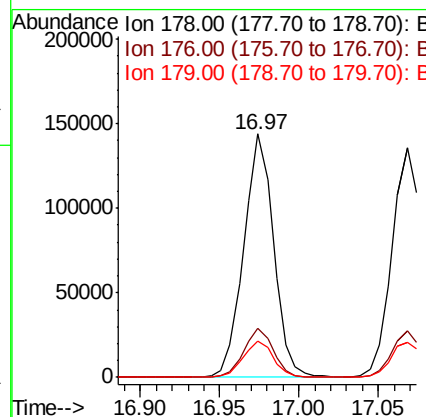
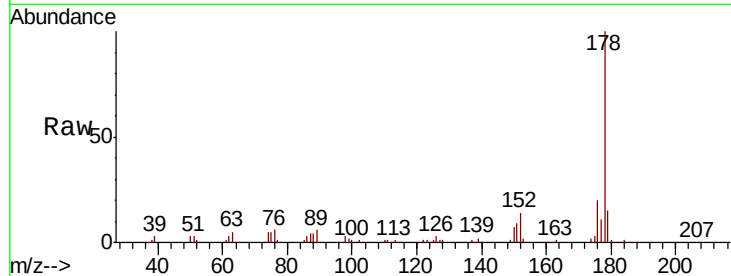
#71
Phenanthrene
Concen: 39.138 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		188456		
176	20.2	15.4	23.2		
179	15.1	12.3	18.5		

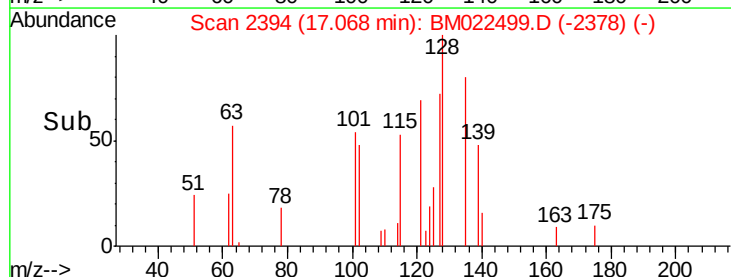
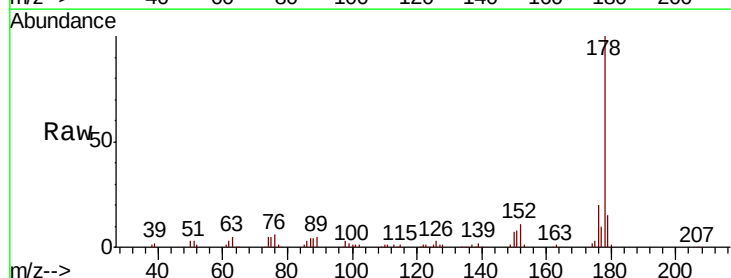
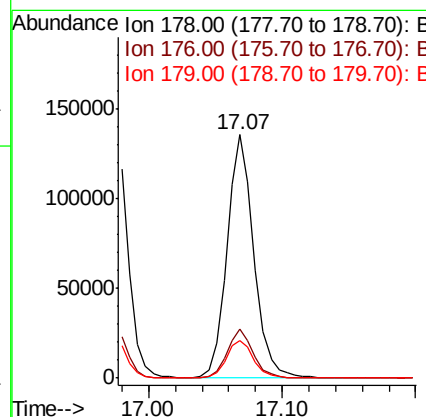
Manual Integrations
APPROVED

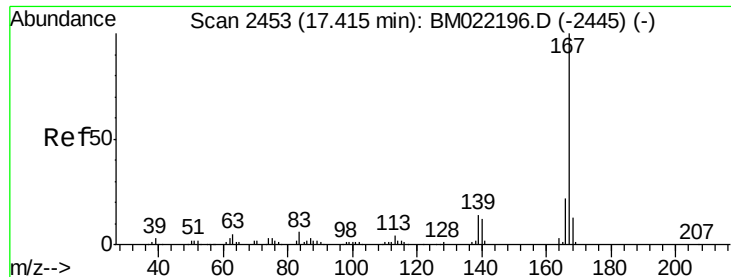
mohammad
9/6/2019 8:18:57 AM



#72
Anthracene
Concen: 39.683 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		188002		
176	20.4	15.0	22.4		
179	15.2	11.8	17.6		





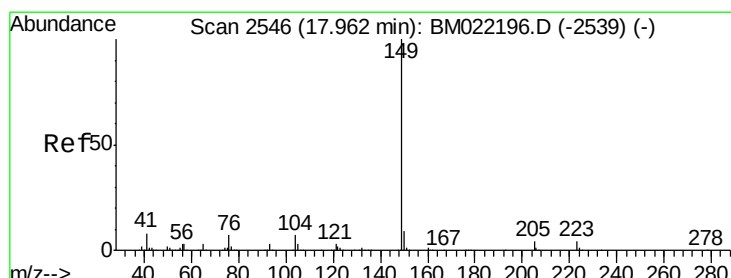
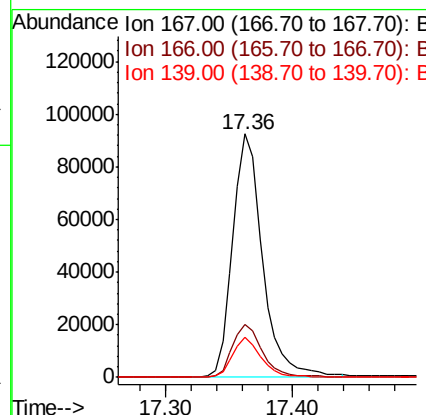
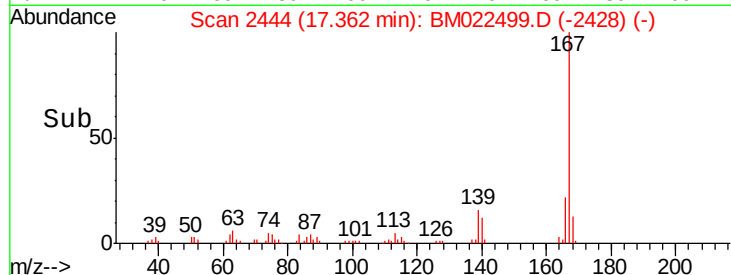
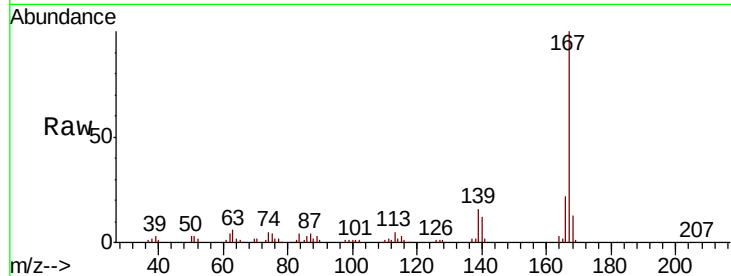
#73
 Carbazole
 Concen: 38.610 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	16.5	11.6	17.4

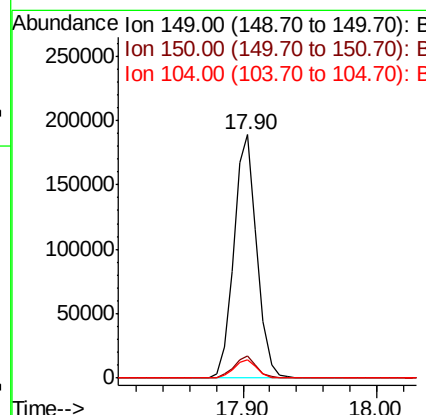
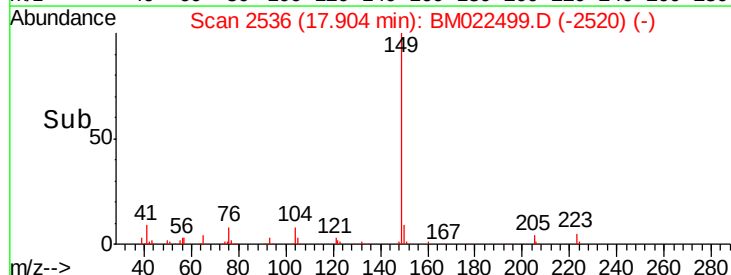
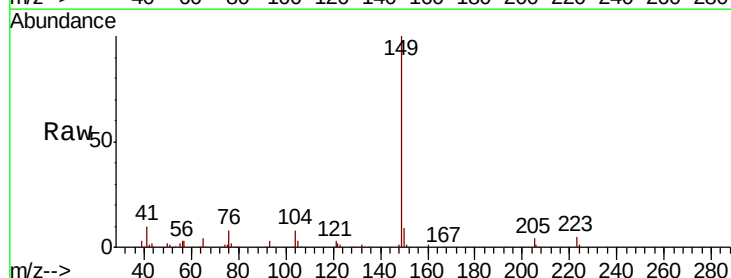
Manual Integrations
 APPROVED

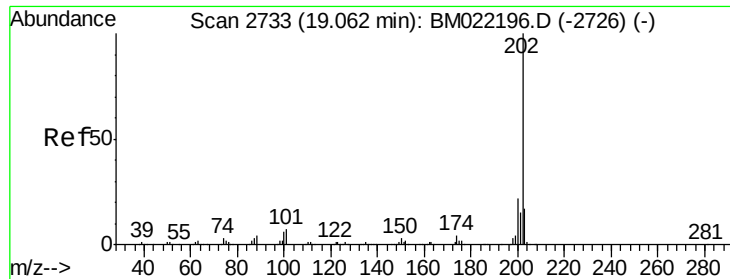
mohammad
 9/6/2019 8:18:57 AM



#74
 Di-n-butylphthalate
 Concen: 42.805 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	7.6	5.6	8.4





#75

Fluoranthene

Concen: 38.710 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

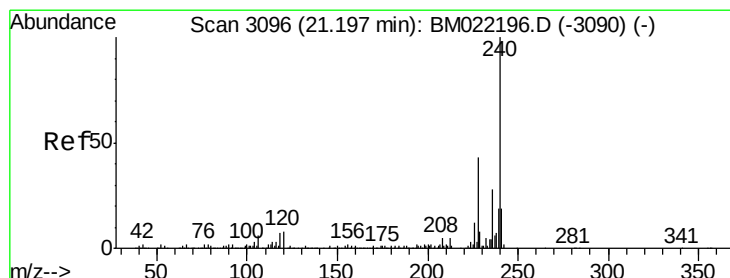
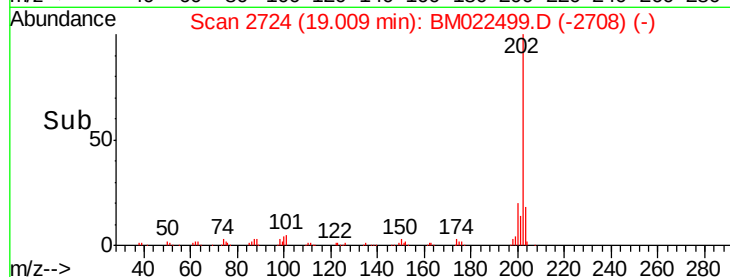
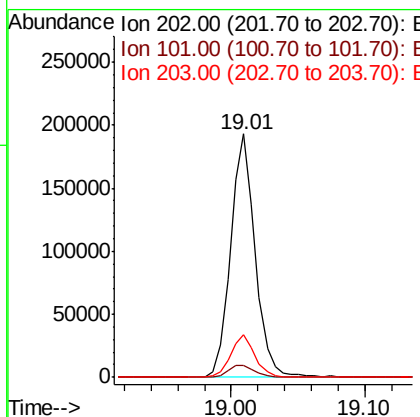
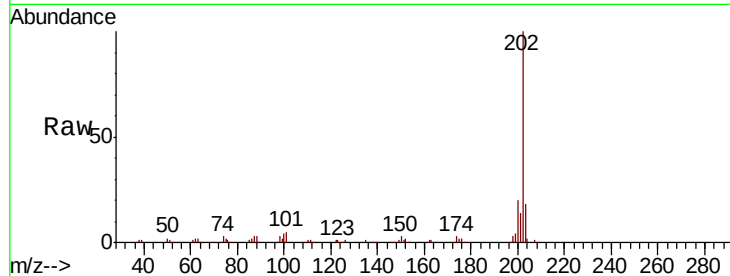
ClientSampleId :

TP1-COMPMSD

Tot Ion:	202	Resp:	248221
Ion Ratio		Lower	Upper
202	100		
101	5.1	0.0	25.1
203	17.7	0.0	37.1

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



#76

Chrysene-d12

Concen: 20.000 ng

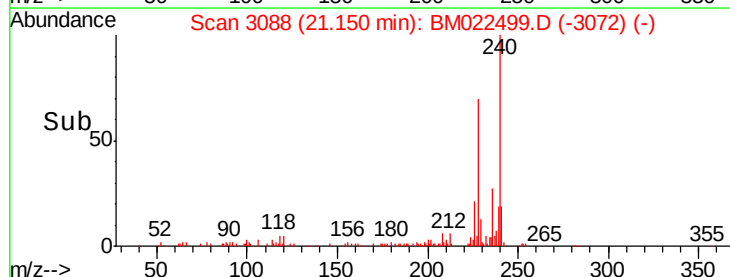
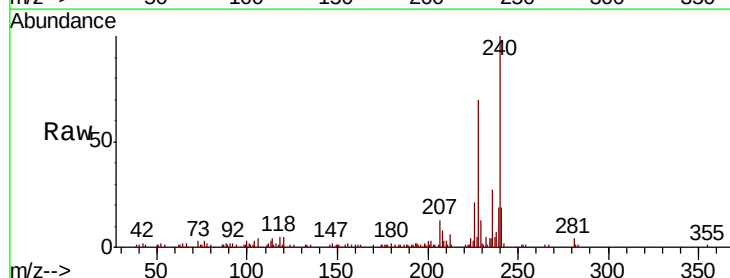
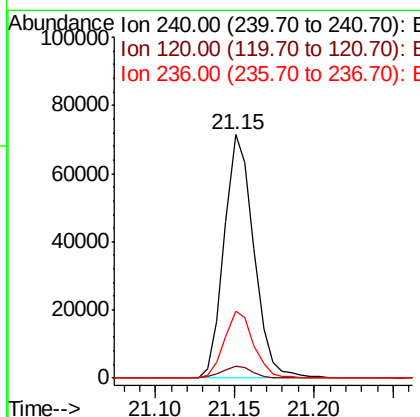
RT: 21.15 min Scan# 3088

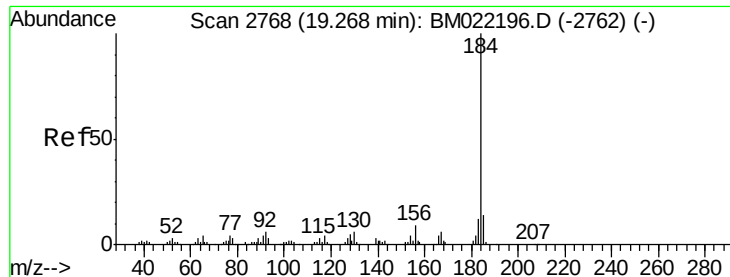
Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	240	Resp:	92819
Ion Ratio		Lower	Upper
240	100		
120	4.8	3.9	5.9
236	27.5	21.4	32.2





#77

Benzidine

Concen: 28.325 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

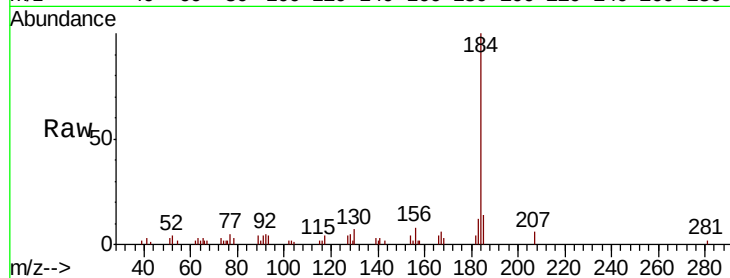
ClientSampleId :

TP1-COMPMSD

Tot Ion:	184	Resp:	44271
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.6
183	12.0	9.4	14.2

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

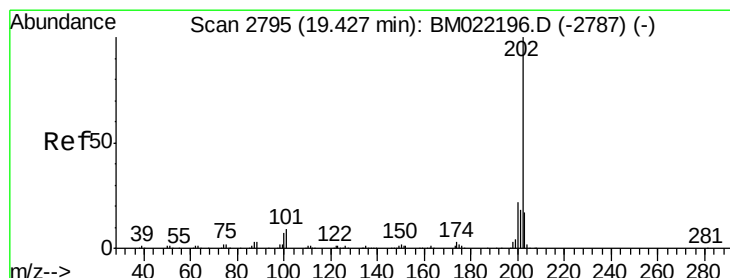
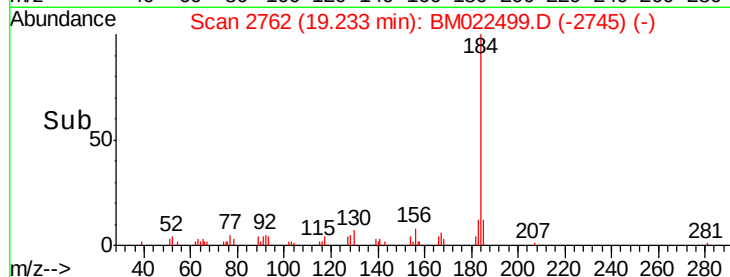
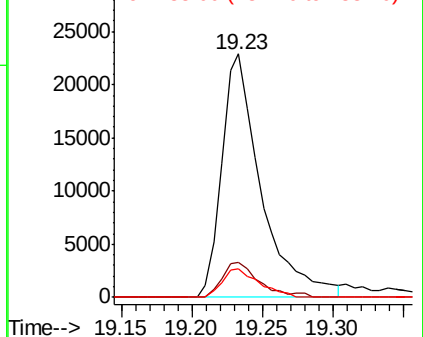


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.622 ng

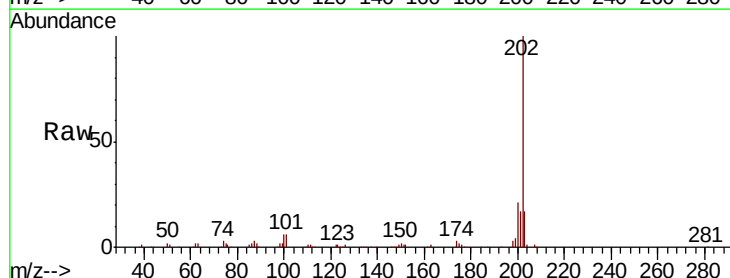
RT: 19.37 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	202	Resp:	256961
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	16.9	13.8	20.8

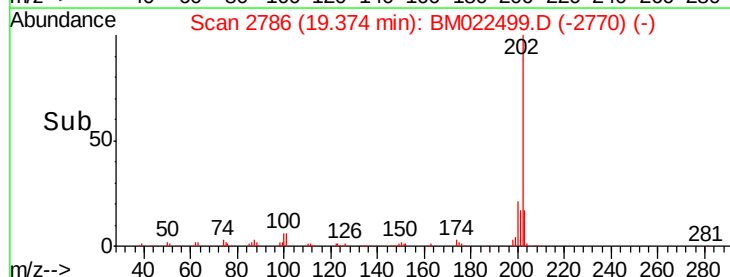
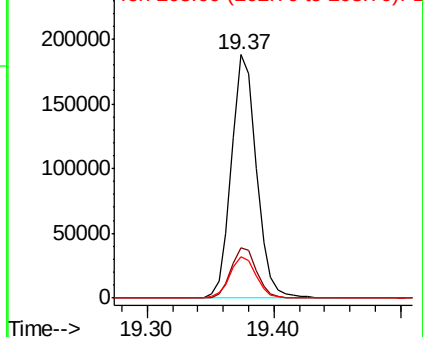


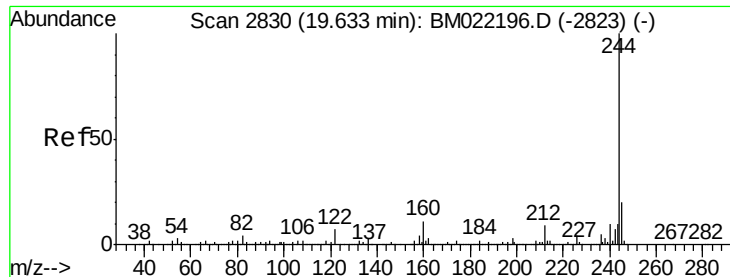
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





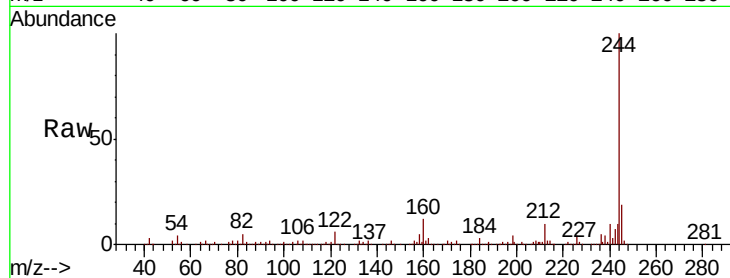
#79
 Terphenyl-d14
 Concen: 65.901 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

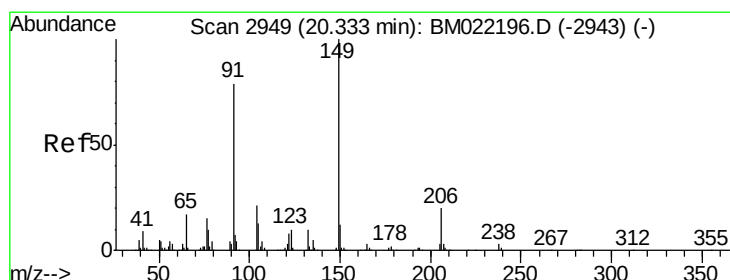
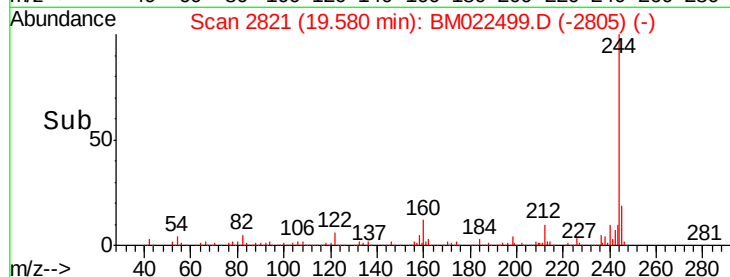
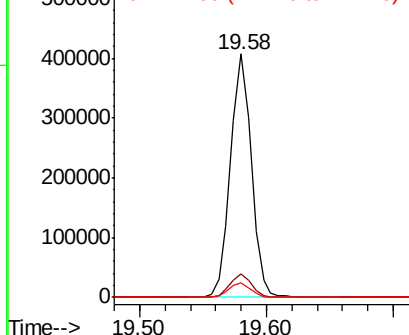
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	5.7	3.9	5.9

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:57 AM

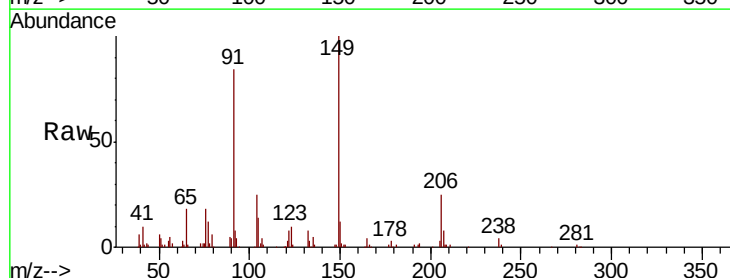


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

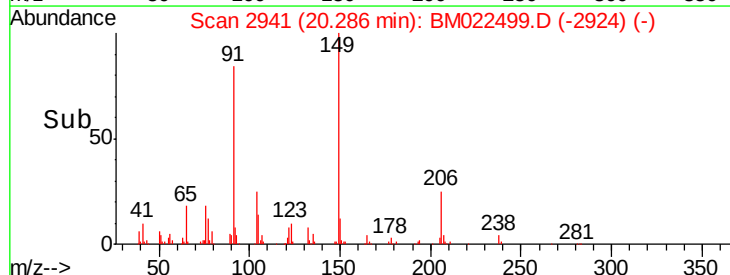
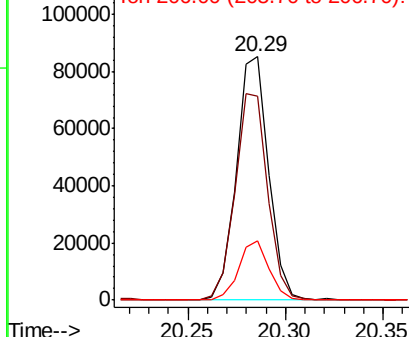


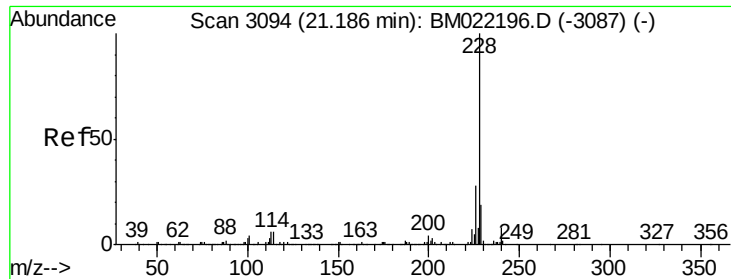
#80
 Butylbenzylphthalate
 Concen: 44.124 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.00 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.0	64.0	96.0
206	24.5	17.6	26.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM022499.D (-2924) (-)
 Ion 206.00 (205.70 to 206.70): E





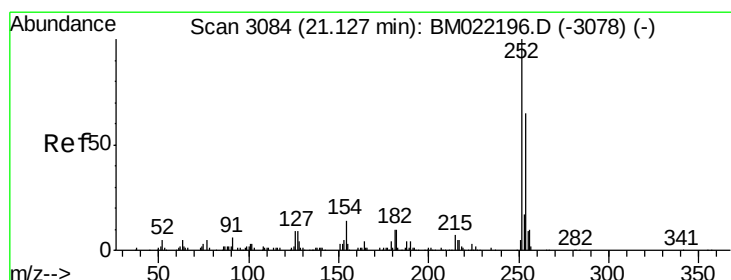
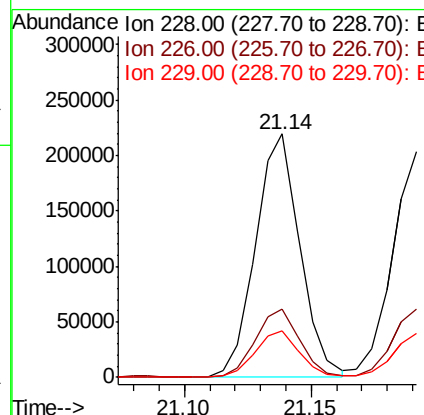
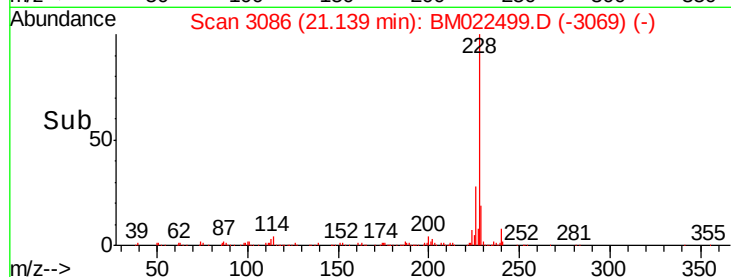
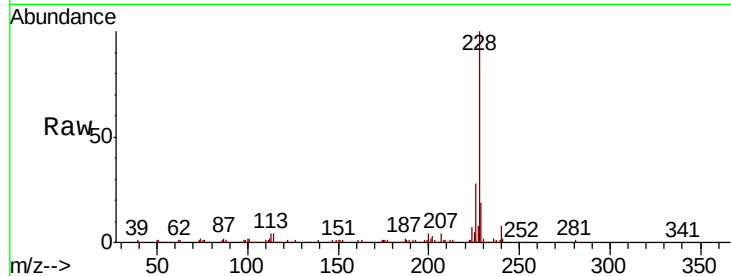
#81
Benzo(a)anthracene
Concen: 40.029 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	19.2	15.9	23.9

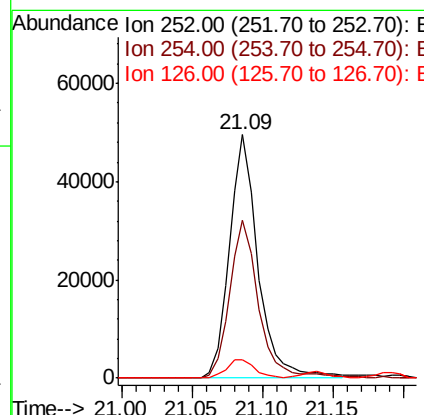
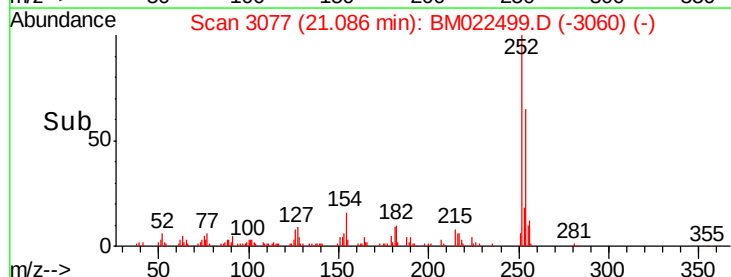
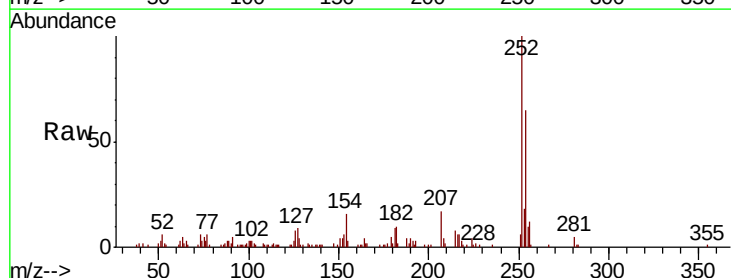
Manual Integrations
APPROVED

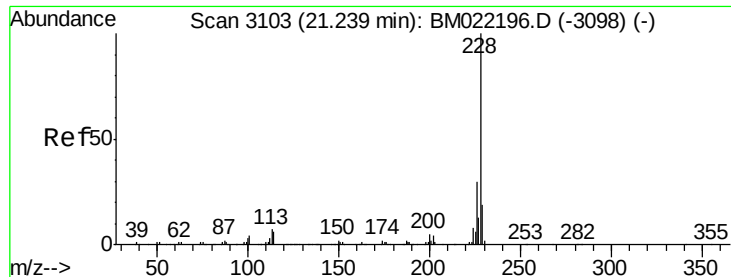
mohammad
9/6/2019 8:18:57 AM



#82
3,3'-Dichlorobenzidine
Concen: 33.715 ng
RT: 21.09 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	7.8	5.8	8.8





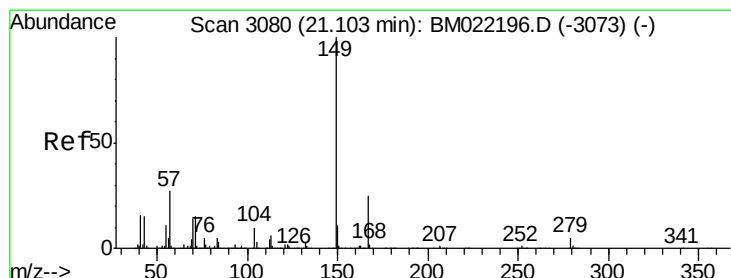
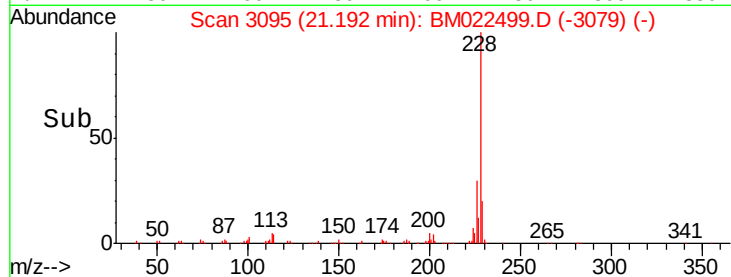
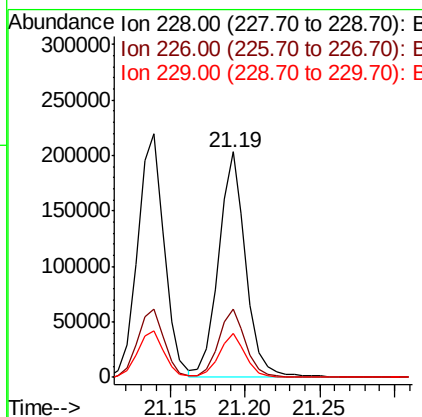
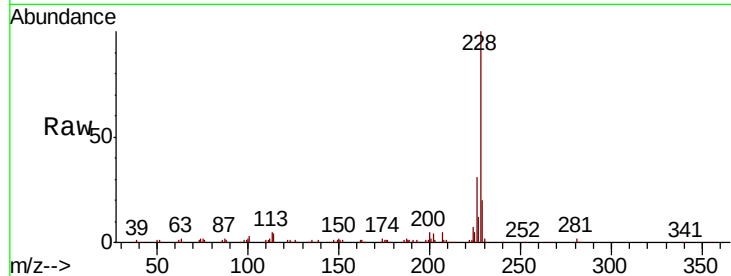
#83
 Chrysene
 Concen: 40.624 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion:	228	Resp:	257606
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	19.5	15.7	23.5

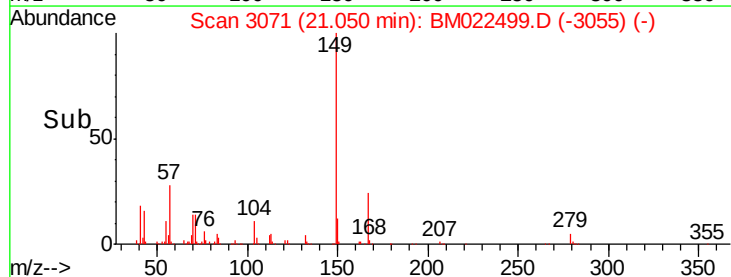
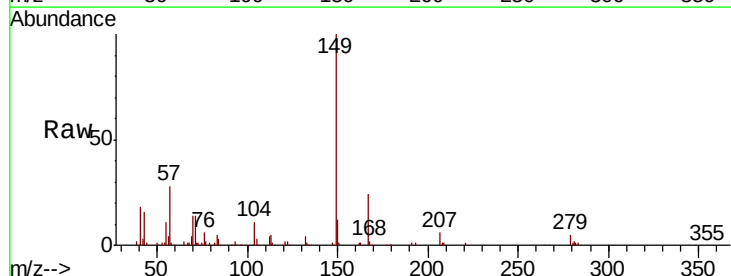
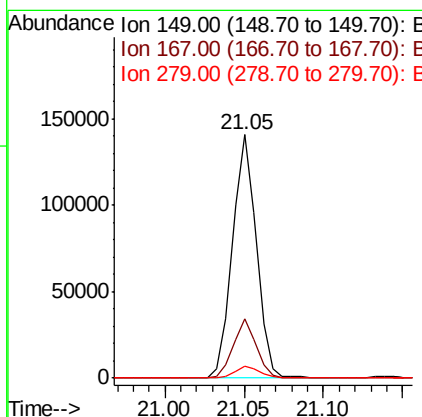
Manual Integrations
 APPROVED

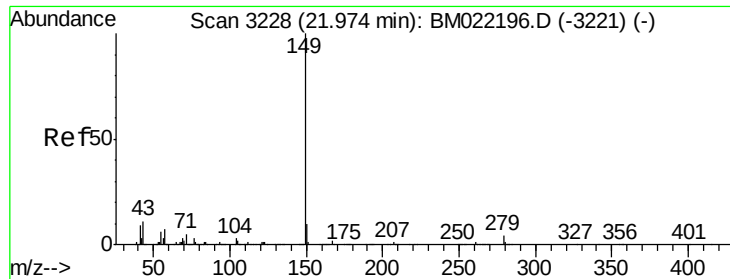
mohammad
 9/6/2019 8:18:57 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.031 ng
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BM022499.D
 Acq: 03 Sep 2019 12:51

Tgt Ion:	149	Resp:	146969
Ion Ratio	Lower	Upper	
149	100		
167	24.2	19.6	29.4
279	5.2	4.4	6.6





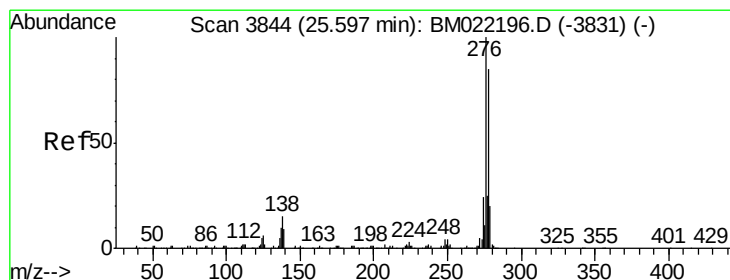
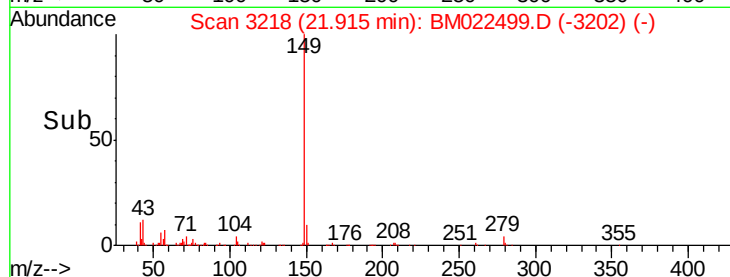
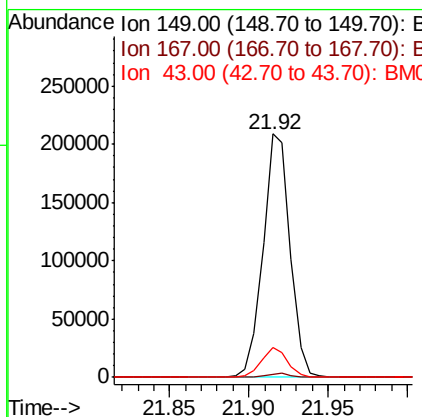
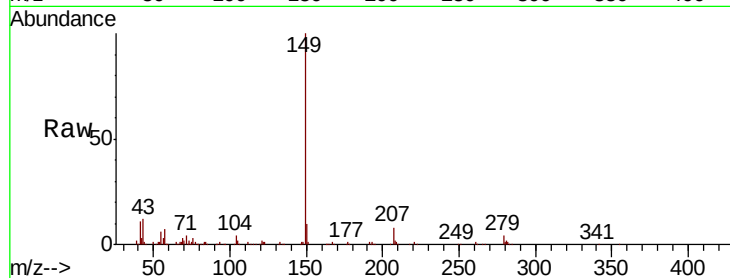
#85
Di-n-octyl phthalate
Concen: 51.625 ng
RT: 21.92 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	248528		
167	1.5		1.2	1.8
43	11.4		9.0	13.6

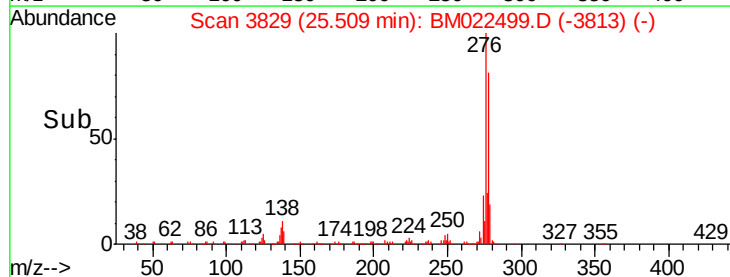
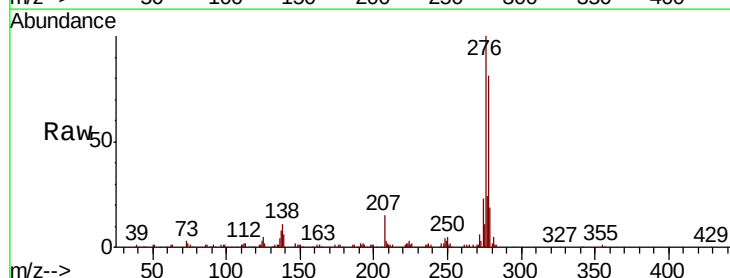
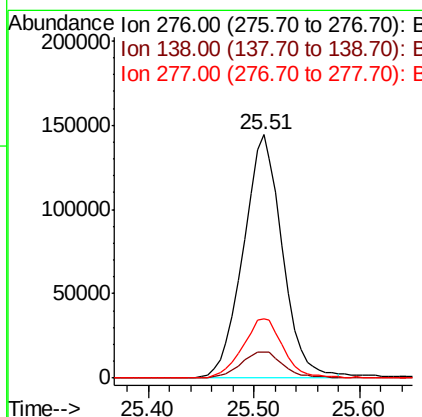
Manual Integrations
APPROVED

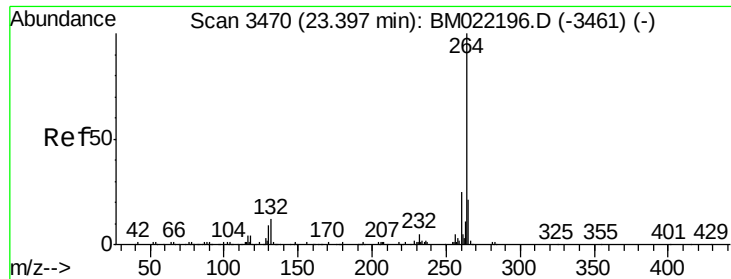
mohammad
9/6/2019 8:18:57 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.138 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	370830		
138	11.9		9.1	13.7
277	25.3		20.0	30.0





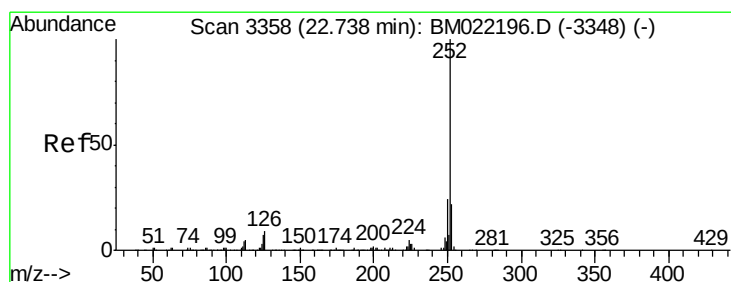
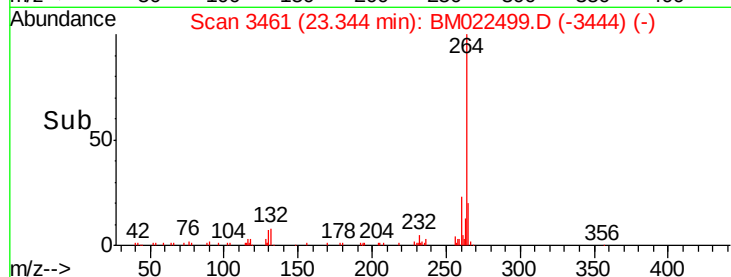
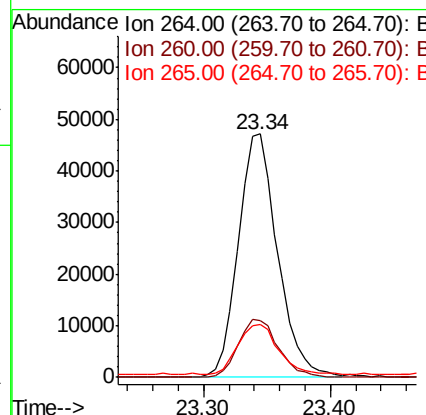
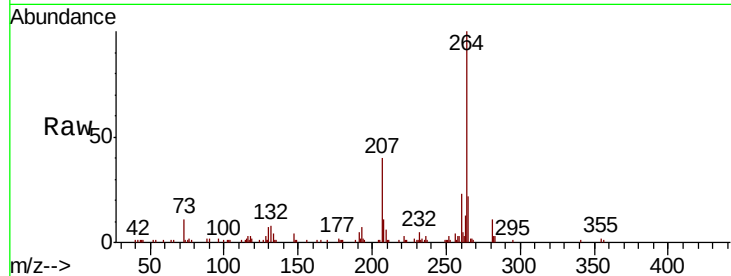
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.2
265	21.6	18.2	27.2

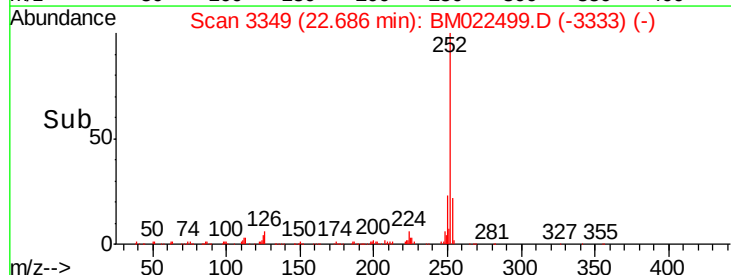
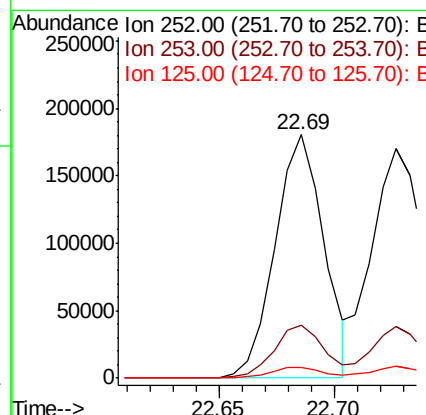
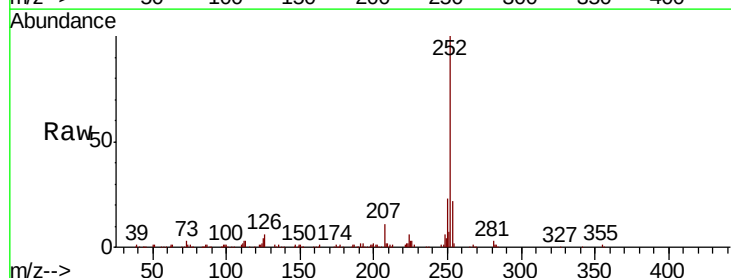
Manual Integrations
APPROVED

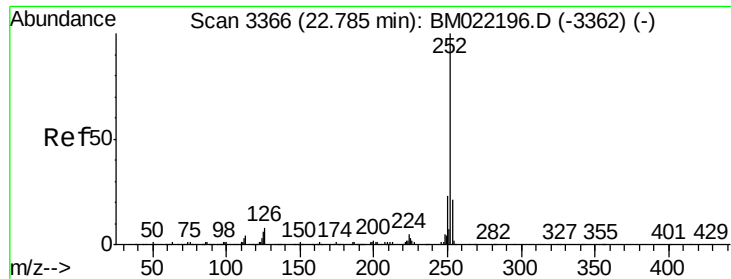
mohammad
9/6/2019 8:18:57 AM



#88
Benzo(b)fluoranthene
Concen: 37.695 ng
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM022499.D
Acq: 03 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	4.3	3.5	5.3





#89

Benzo(k)fluoranthene

Concen: 39.558 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

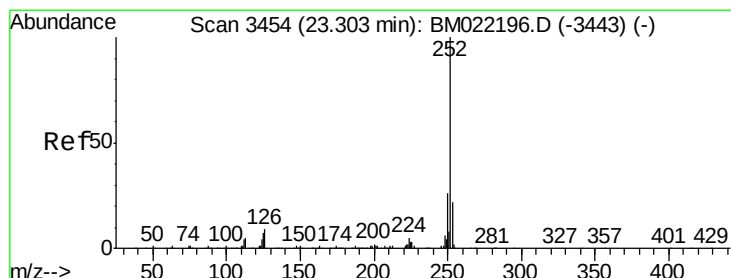
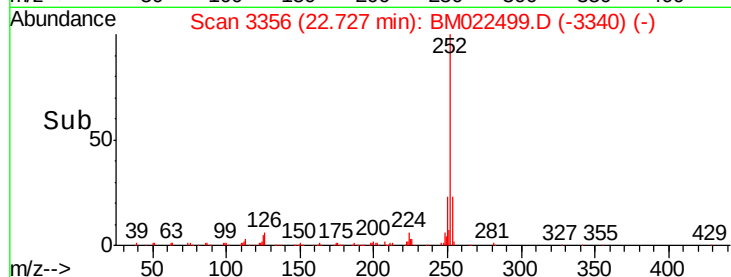
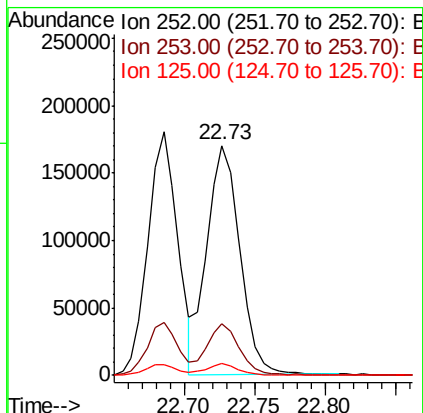
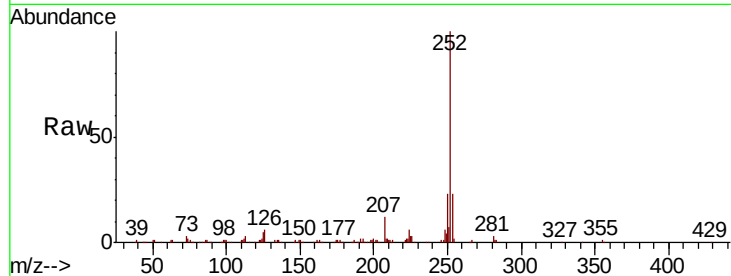
ClientSampleId :

TP1-COMPMSD

Tot Ion:	252	Resp:	276051
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	5.0	3.7	5.5

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM



#90

Benzo(a)pyrene

Concen: 42.837 ng

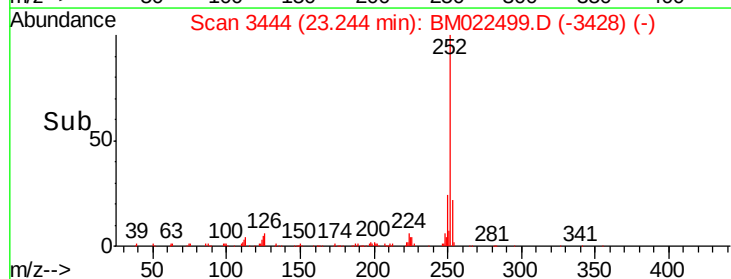
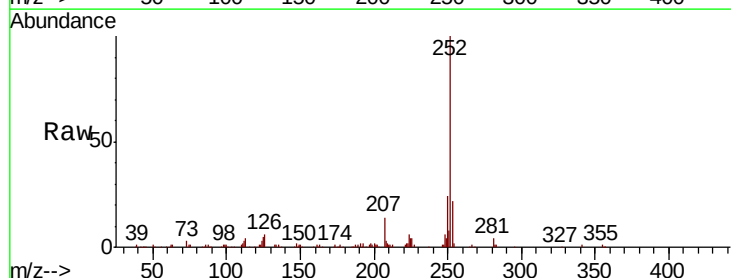
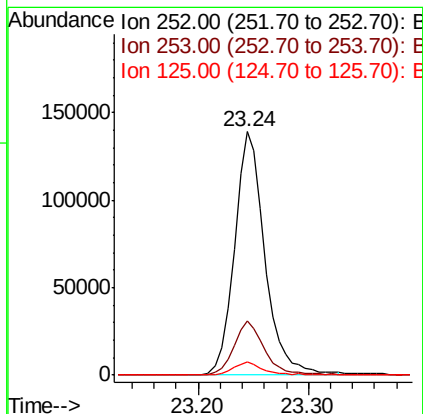
RT: 23.24 min Scan# 3444

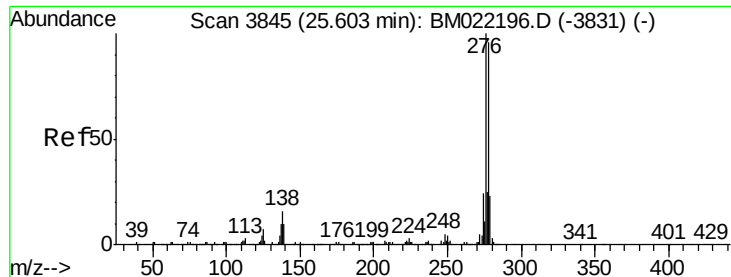
Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	252	Resp:	267463
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	5.4	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 49.879 ng

RT: 25.51 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Instrument :

BNA_M

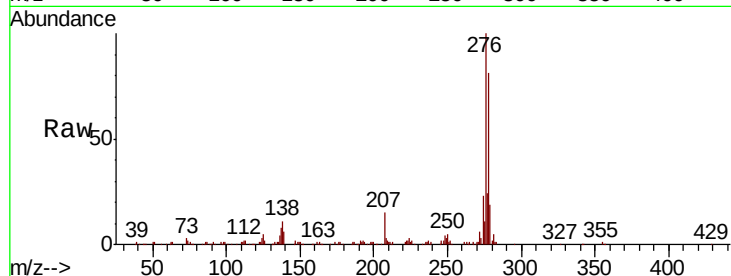
ClientSampleId :

TP1-COMPMSD

Tot Ion:	278	Resp:	310549
Ion Ratio	Lower	Upper	
278	100		
139	7.0	6.6	9.8
279	23.2	19.3	28.9

Manual Integrations
APPROVED

mohammad
9/6/2019 8:18:57 AM

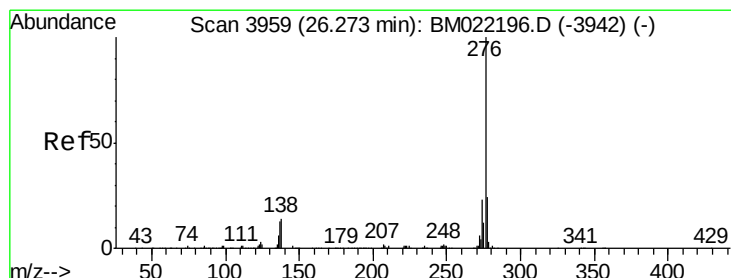
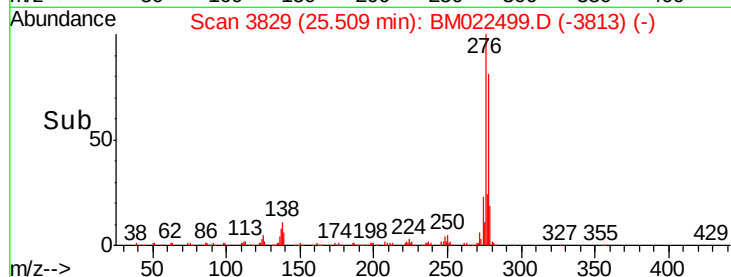
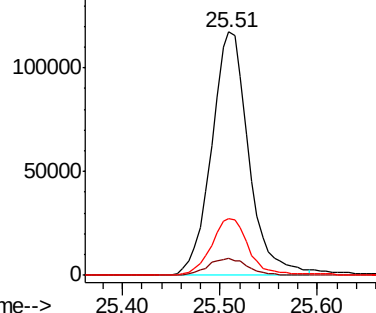


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.852 ng

RT: 26.18 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BM022499.D

Acq: 03 Sep 2019 12:51

Tgt Ion:	276	Resp:	286787
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.4	29.0
138	9.6	8.8	13.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

