

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119568.D
 Acq On : 27 Mar 2020 14:56
 Operator : CG/JU
 Sample : PB127833BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:51:15 AM

Quant Time: Mar 27 15:56:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243328	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	974046	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	512812	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1013924	20.00	ng	0.00
76) Chrysene-d12	14.01	240	718639	20.00	ng	0.00
87) Perylene-d12	15.47	264	632328	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1235901	80.86	ng	0.01
7) Phenol-d6	6.46	99	1595725	81.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	1409680	78.65	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	490700	92.75	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2754334	79.57	ng	0.00
79) Terphenyl-d14	12.96	244	3172398	86.49	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	233950	30.990 ng	98
3) Pyridine	3.39	79	580686	27.920 ng	96
4) n-Nitrosodimethylamine	3.35	42	364384	35.927 ng	97
6) Aniline	6.49	93	807189	29.953 ng	99
8) 2-Chlorophenol	6.62	128	715857	44.591 ng	99
9) Benzaldehyde	6.38	77	475610	38.397 ng	98
10) Phenol	6.47	94	930590	44.666 ng	93
11) bis(2-Chloroethyl)ether	6.57	93	676899	40.622 ng	99
12) 1,3-Dichlorobenzene	6.77	146	716877	41.258 ng	98
13) 1,4-Dichlorobenzene	6.85	146	723486	41.629 ng	100
14) 1,2-Dichlorobenzene	7.00	146	680271	41.876 ng	99
15) Benzyl Alcohol	6.97	79	626563	42.659 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1302150	38.742 ng	100
17) 2-Methylphenol	7.09	107	588163	39.986 ng	99
18) Hexachloroethane	7.35	117	275154	43.202 ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	502731	42.716 ng	97
20) 3+4-Methylphenols	7.24	107	726103	40.280 ng	# 80
22) Acetophenone	7.25	105	947497	40.710 ng	97
24) Nitrobenzene	7.42	77	746294	38.964 ng	100
25) Isophorone	7.66	82	1422370	39.123 ng	99
26) 2-Nitrophenol	7.73	139	382882	50.770 ng	92
27) 2,4-Dimethylphenol	7.77	122	670640	43.007 ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	888652	41.335 ng	100
29) 2,4-Dichlorophenol	7.97	162	611023	42.645 ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	637860	40.254 ng	99
31) Naphthalene	8.14	128	2032868	40.556 ng	99
32) Benzoic acid	7.89	122	488744	48.724 ng	96
33) 4-Chloroaniline	8.19	127	446684	19.448 ng	97
34) Hexachlorobutadiene	8.26	225	366190	41.304 ng	99
35) Caprolactam	8.56	113	196083m	41.815 ng	
36) 4-Chloro-3-methylphenol	8.67	107	667080	42.597 ng	97
37) 2-Methylnaphthalene	8.83	142	1410186	42.867 ng	98
38) 1-Methylnaphthalene	8.93	142	1320520	42.409 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	609453	40.547 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119568.D
 Acq On : 27 Mar 2020 14:56
 Operator : CG/JU
 Sample : PB127833BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB127833BS

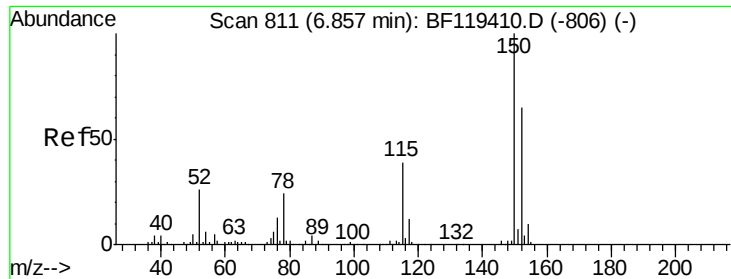
Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:51:15 AM

Quant Time: Mar 27 15:56:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	754863	88.337	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	468377	43.544	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	479995	39.834	nq	97
46) 1,1'-Biphenyl	9.30	154	1693477	40.547	nq	99
47) 2-Chloronaphthalene	9.32	162	1324141	40.474	nq	100
48) 2-Nitroaniline	9.42	65	495955	43.920	nq	98
49) Acenaphthylene	9.74	152	2135319	41.563	nq	99
50) Dimethylphthalate	9.60	163	1561742	42.875	nq	99
51) 2,6-Dinitrotoluene	9.66	165	353569	45.286	nq	94
52) Acenaphthene	9.92	154	1434395	44.785	nq	99
53) 3-Nitroaniline	9.83	138	251278	25.493	nq	97
54) 2,4-Dinitrophenol	9.93	184	320073	93.402	nq	# 84
55) Dibenzofuran	10.09	168	1912573	41.650	nq	99
56) 4-Nitrophenol	9.99	139	608278	78.227	nq	97
57) 2,4-Dinitrotoluene	10.07	165	479614	48.764	nq	88
58) Fluorene	10.43	166	1439828	42.401	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	406665	45.150	nq	97
60) Diethylphthalate	10.30	149	1646072	44.525	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	712570	42.911	nq	99
62) 4-Nitroaniline	10.45	138	380598	40.266	nq	95
63) Azobenzene	10.58	77	1559016	41.877	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	225664	53.077	nq	92
66) n-Nitrosodiphenylamine	10.54	169	1345278	40.416	nq	100
67) 4-Bromophenyl-phenylether	10.91	248	466474	40.397	nq	96
68) Hexachlorobenzene	10.98	284	496084	41.975	nq	# 92
69) Atrazine	11.07	200	417600	45.763	nq	98
70) Pentachlorophenol	11.17	266	547567	79.017	nq	97
71) Phenanthrene	11.39	178	2119902	40.322	nq	99
72) Anthracene	11.44	178	2184380	40.880	nq	99
73) Carbazole	11.60	167	2014788	38.095	nq	99
74) Di-n-butylphthalate	11.93	149	2553314	45.130	nq	100
75) Fluoranthene	12.58	202	2299819	40.420	nq	99
77) Benzidine	12.70	184	1121446	36.874	nq	98
78) Pyrene	12.81	202	2360813	40.029	nq	99
80) Butylbenzylphthalate	13.43	149	1085676	45.513	nq	99
81) Benzo(a)anthracene	14.00	228	1843737	39.453	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	446764	24.247	nq	99
83) Chrysene	14.04	228	1875785	38.893	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1432412	50.373	nq	99
85) Di-n-octyl phthalate	14.61	149	2477552	49.541	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1629742	35.880	nq	99
88) Benzo(b)fluoranthene	15.04	252	1849002	43.774	nq	99
89) Benzo(k)fluoranthene	15.08	252	1613332	40.112	nq	99
90) Benzo(a)pyrene	15.42	252	1512126	39.392	nq	97
91) Dibenzo(a,h)anthracene	16.96	278	1366401	40.696	nq	99
92) Benzo(g,h,i)perylene	17.38	276	1360814	40.343	nq	99

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



#1

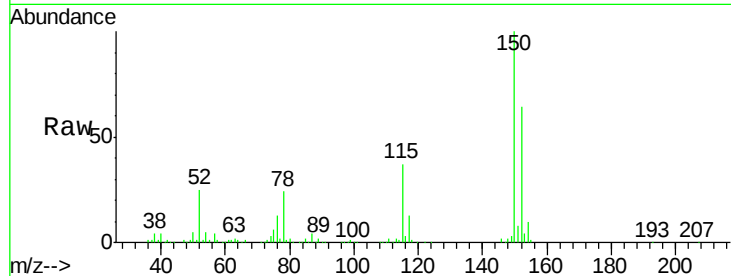
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.5	186.7
115	58.1	49.6	74.4

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM

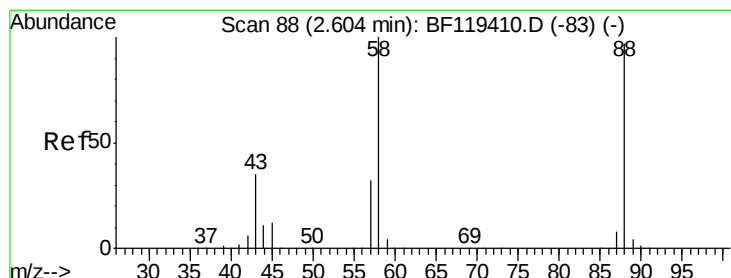
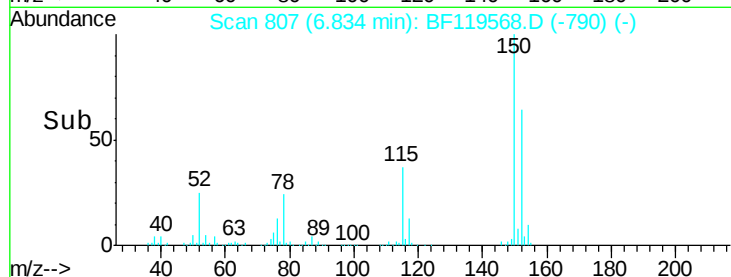
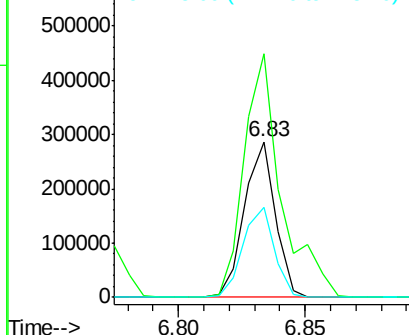


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

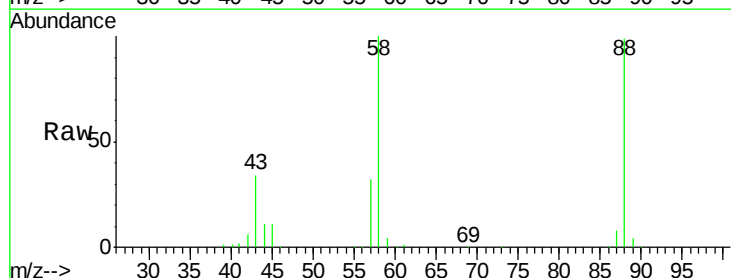
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.990 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.10 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.0	80.6	121.0
43	36.3	27.5	41.3

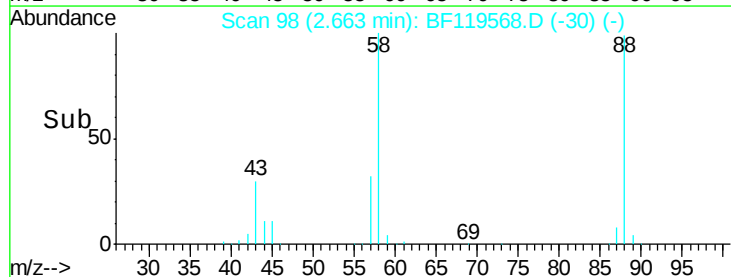
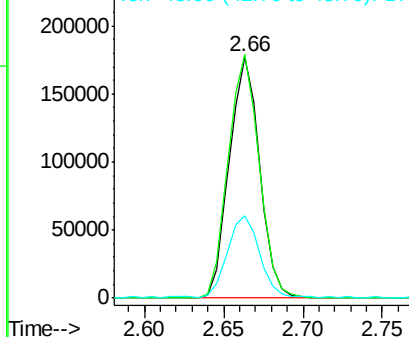


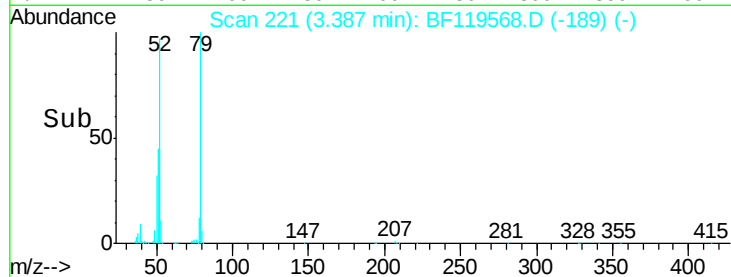
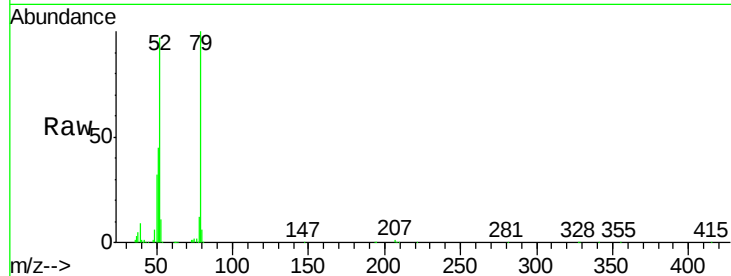
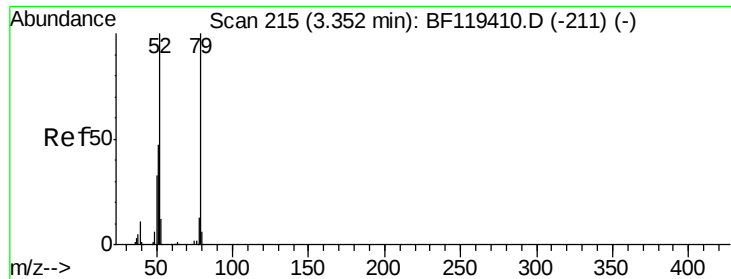
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





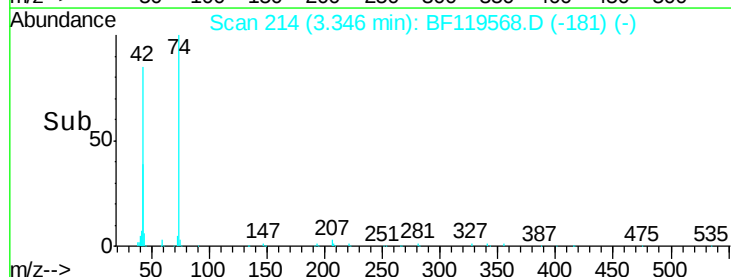
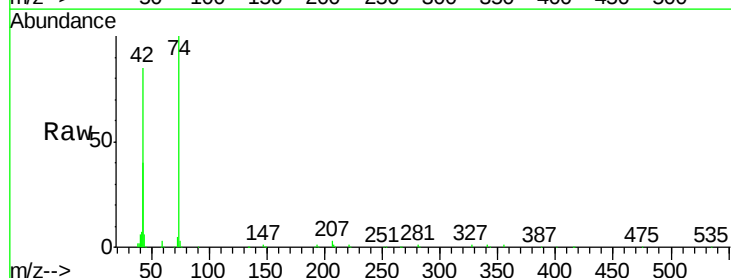
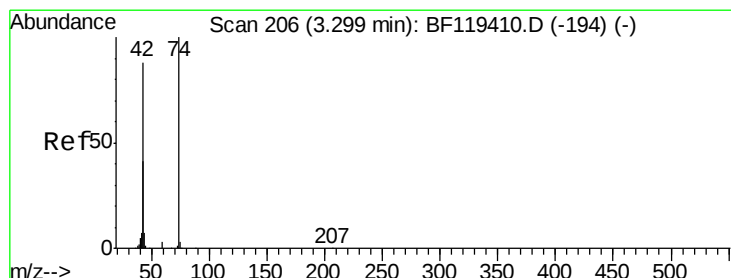
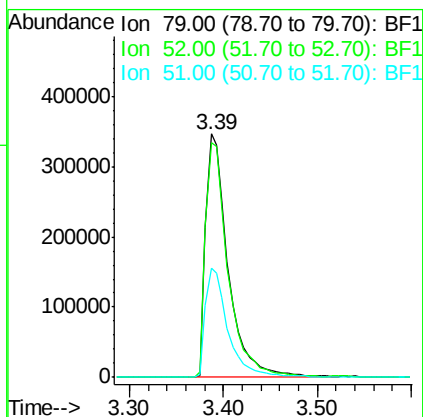
#3
 Pvridine
 Concen: 27.920 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	52.00 (51.70 to 52.70): BF1	100			
52	51.00 (50.70 to 51.70): BF1	96.5	80.2	120.2	
51		44.7	37.7	56.5	

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

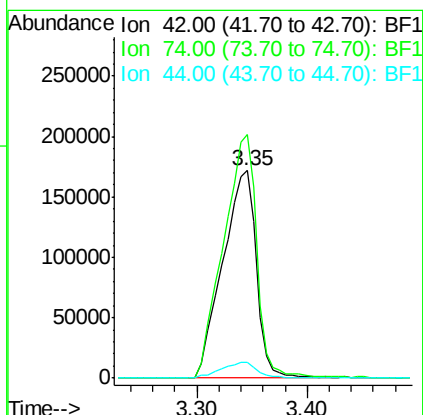
Manual Integrations
 APPROVED

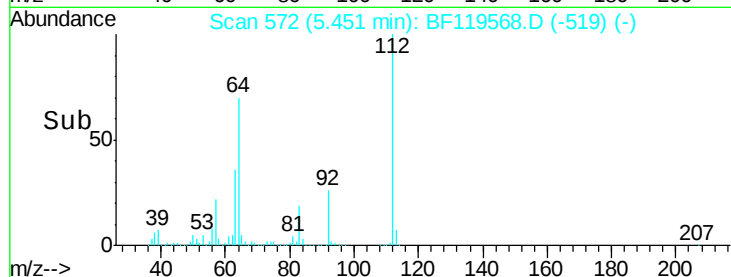
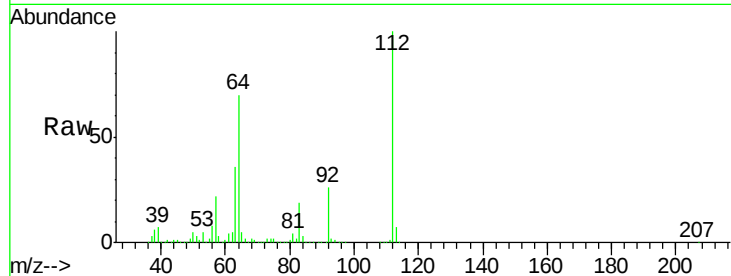
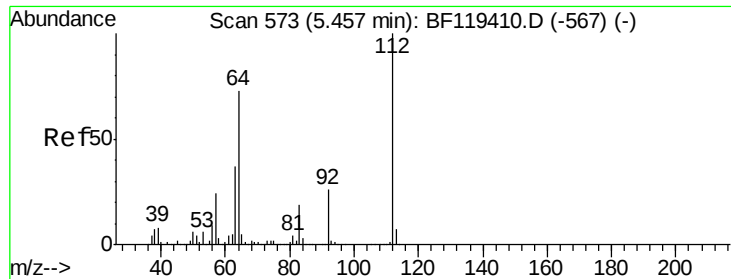
mohammad
 3/30/2020 8:51:15 AM



#4
 n-Nitrosodimethylamine
 Concen: 35.927 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42.00 (41.70 to 42.70): BF1	100			
74	74.00 (73.70 to 74.70): BF1	117.5	91.5	137.3	
44	44.00 (43.70 to 44.70): BF1	7.6	6.2	9.4	





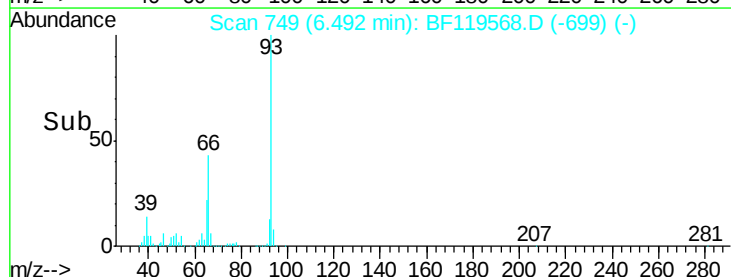
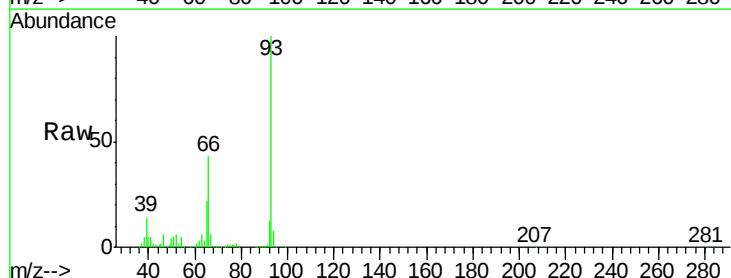
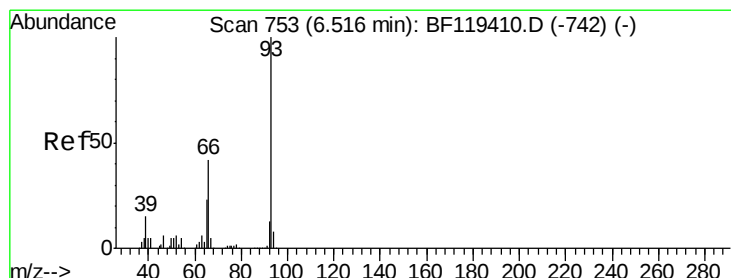
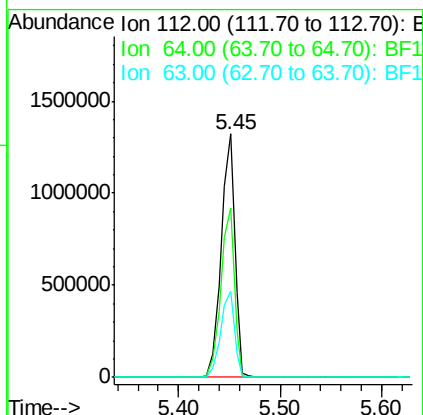
#5
2-Fluorophenol
Concen: 80.855 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1235901		
64	69.5	56.7	85.1	
63	35.5	29.5	44.3	

Instrument :
BNA_F
ClientSampleId :
PB127833BS

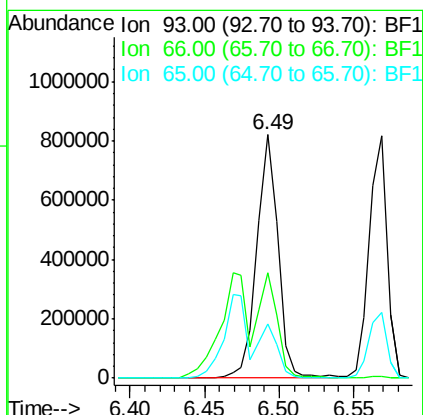
Manual Integrations
APPROVED

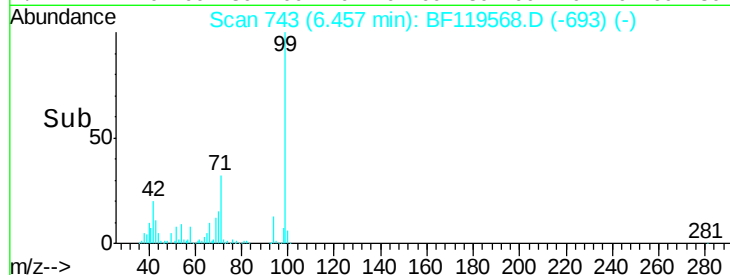
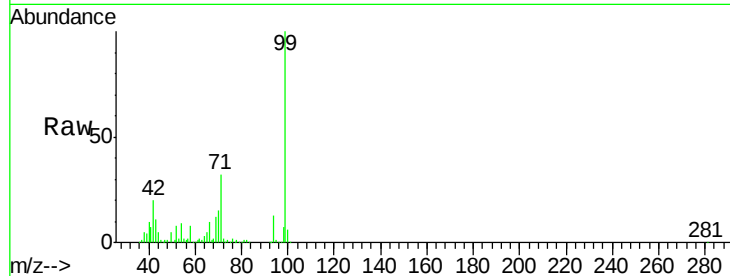
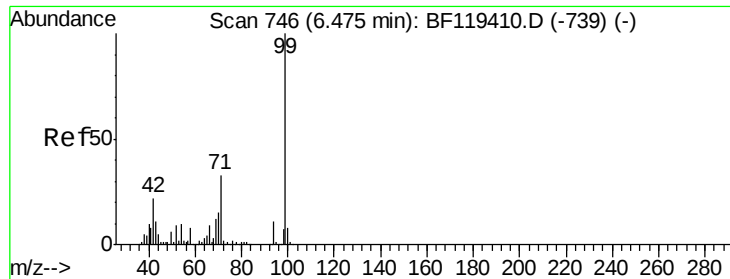
mohammad
3/30/2020 8:51:15 AM



#6
Aniline
Concen: 29.953 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	807189		
66	43.0	34.9	52.3	
65	22.2	18.6	27.8	





#7

Phenol-d6

Concen: 81.723 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tot Ion: 99 Resp: 1595725

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 32.4 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

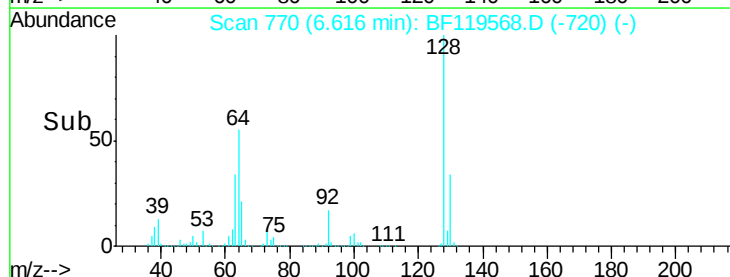
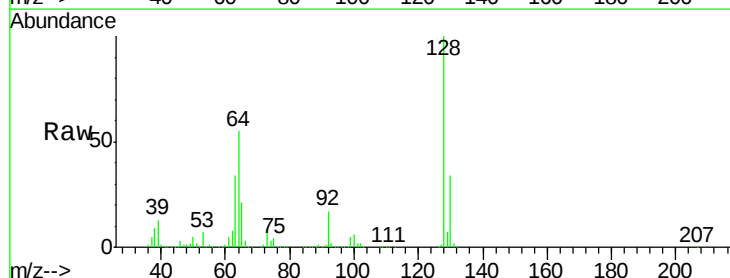
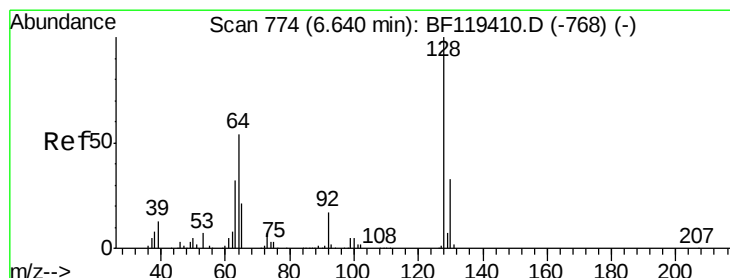
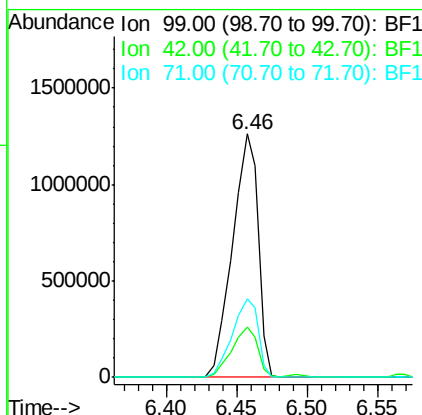
PB127833BS

Manual Integrations

APPROVED

mohammad

3/30/2020 8:51:15 AM



#8

2-Chlorophenol

Concen: 44.591 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

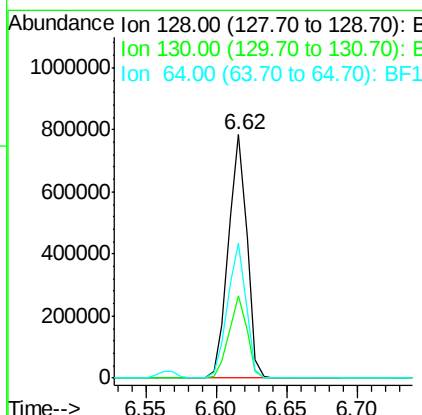
Tgt Ion: 128 Resp: 715857

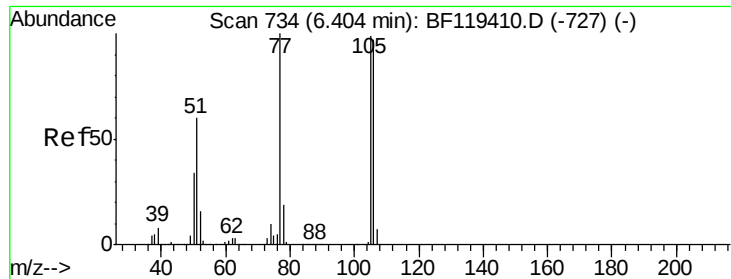
Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

64 55.5 35.3 75.3





#9

Benzaldehyde

Concen: 38.397 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

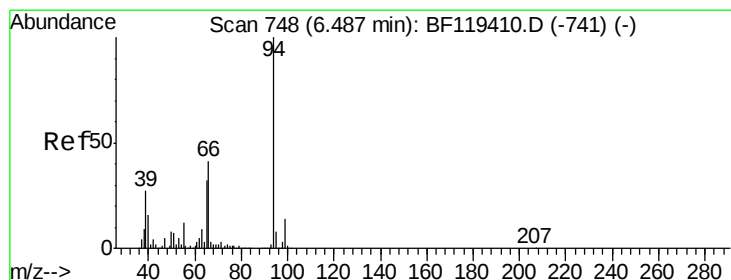
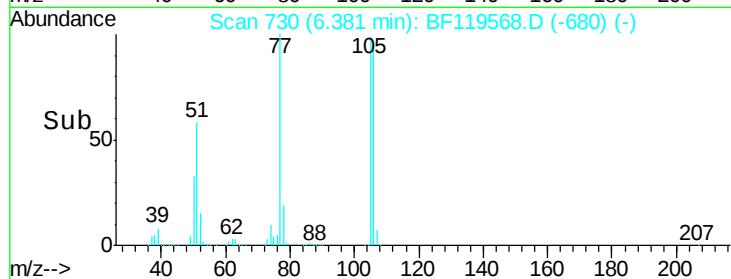
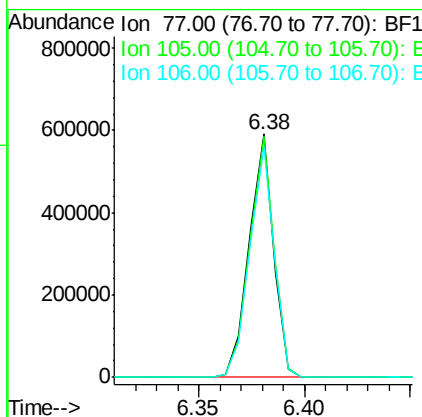
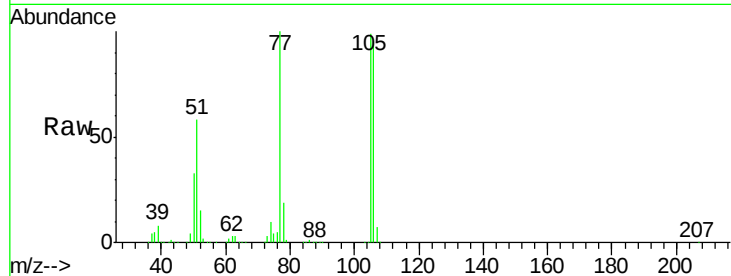
ClientSampleId :

PB127833BS

Tot Ion:	77	Resp:	475610
Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.9	120.9
106	95.0	77.9	117.9

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



#10

Phenol

Concen: 44.666 ng

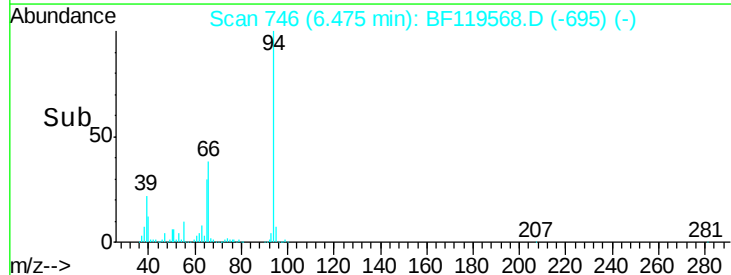
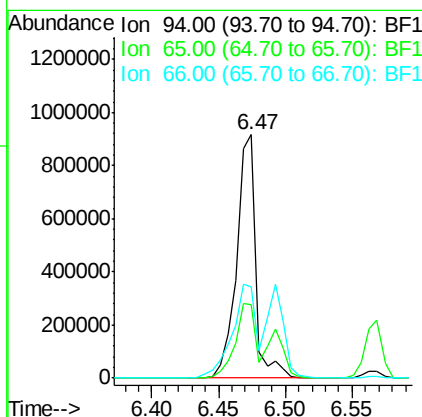
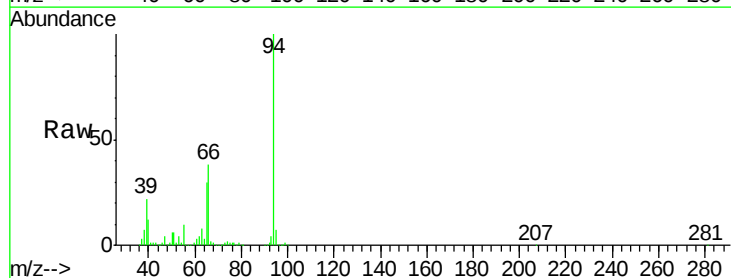
RT: 6.47 min Scan# 746

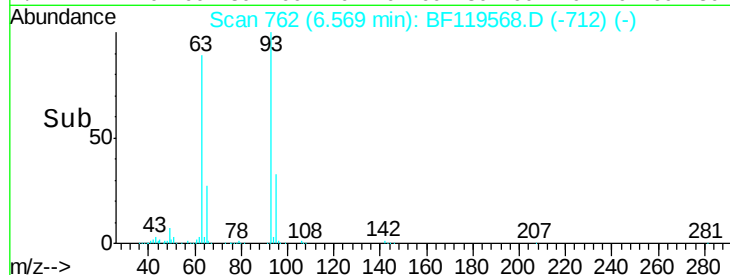
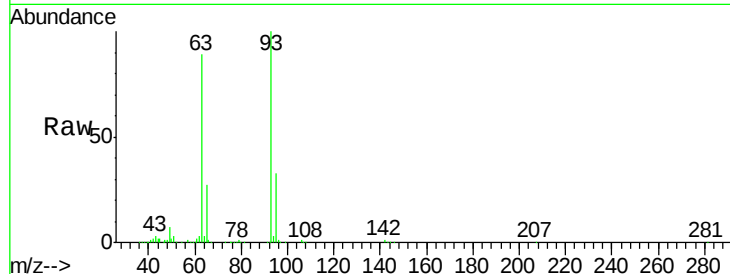
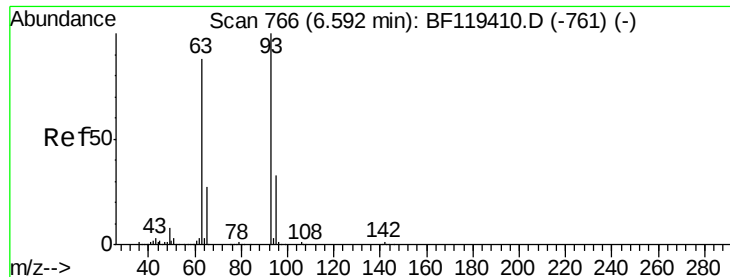
Delta R.T. -0.00 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tgt Ion:	94	Resp:	930590
Ion	Ratio	Lower	Upper
94	100		
65	30.1	13.2	53.2
66	37.6	22.3	62.3





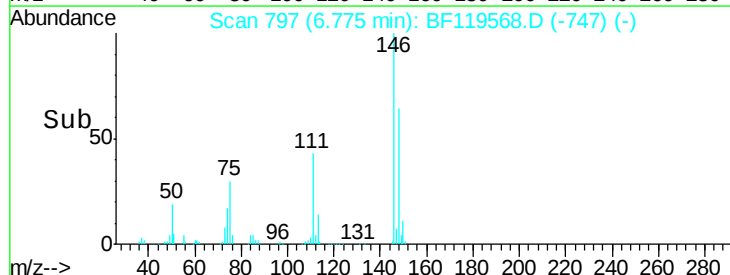
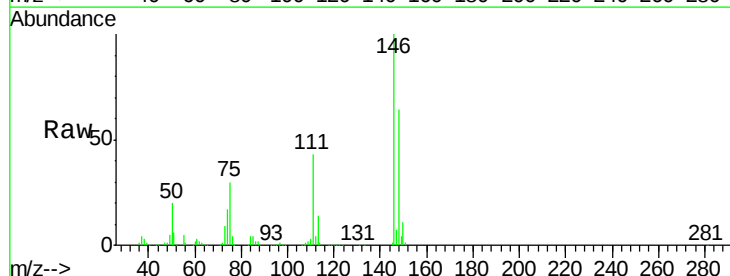
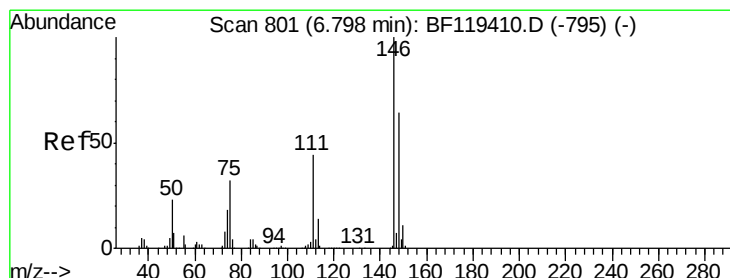
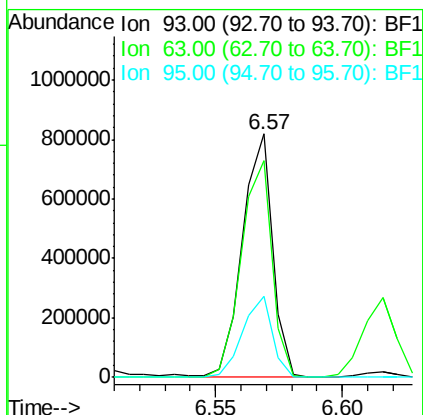
#11
bis(2-Chloroethyl)ether
Concen: 40.622 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tot Ion	93	Resp	676899
Ion Ratio	100	Lower	Upper
93	100		
63	89.1	70.2	110.2
95	33.3	13.4	53.4

Instrument :
BNA_F
ClientSampled :
PB127833BS

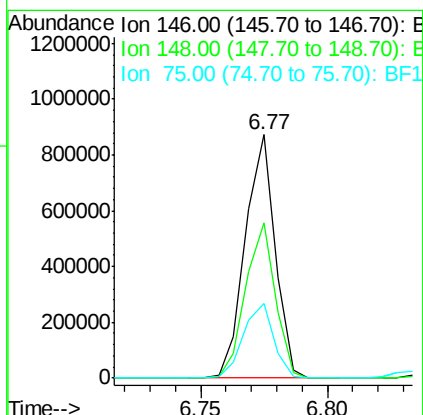
Manual Integrations
APPROVED

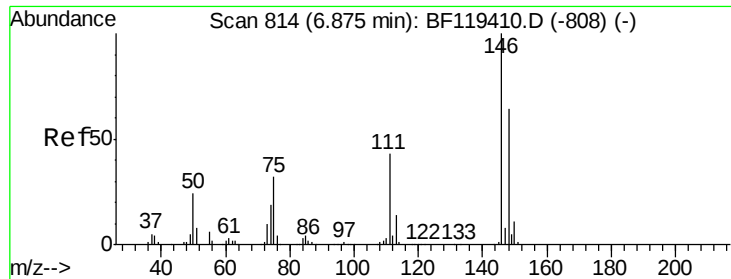
mohammad
3/30/2020 8:51:15 AM



#12
1,3-Dichlorobenzene
Concen: 41.258 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	146	Resp	716877
Ion Ratio	100	Lower	Upper
146	100		
148	64.0	52.2	78.4
75	30.5	23.0	34.4





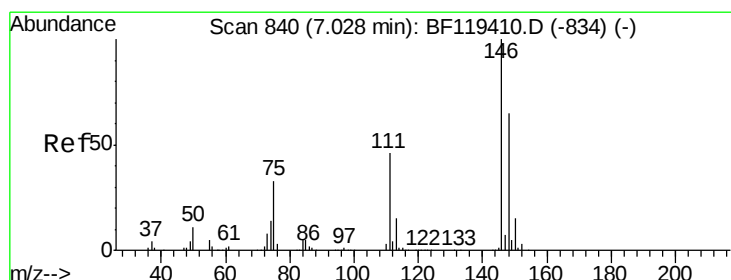
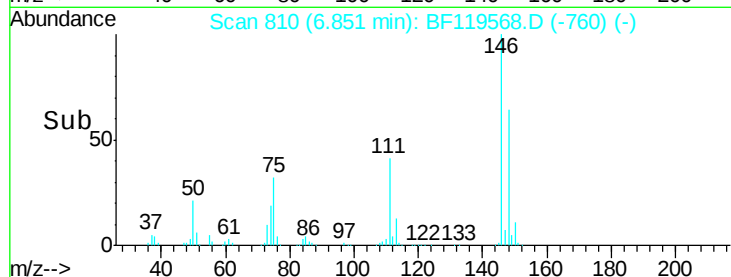
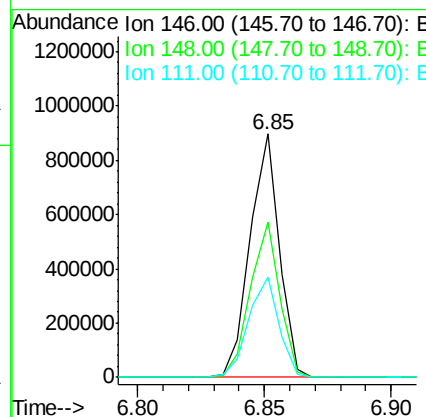
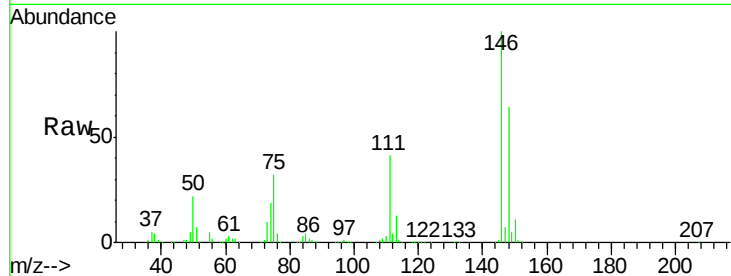
#13
1,4-Dichlorobenzene
Concen: 41.629 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	41.4	33.3	49.9

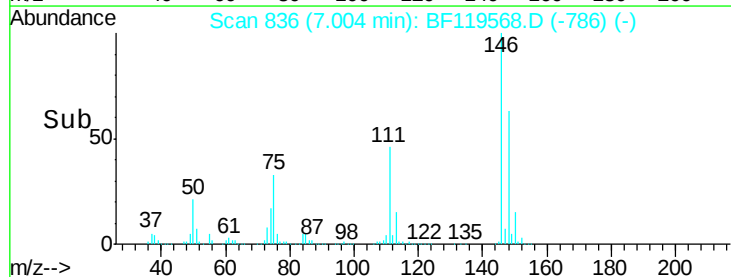
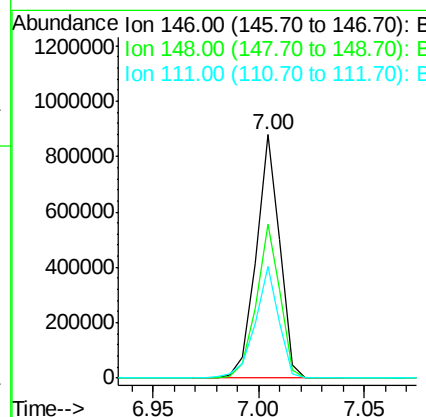
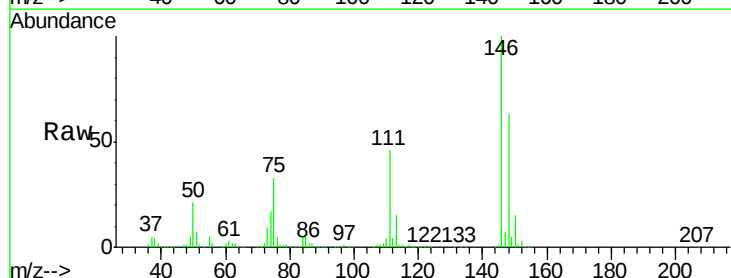
Manual Integrations
APPROVED

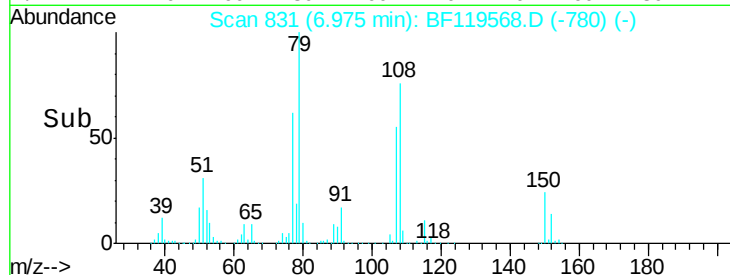
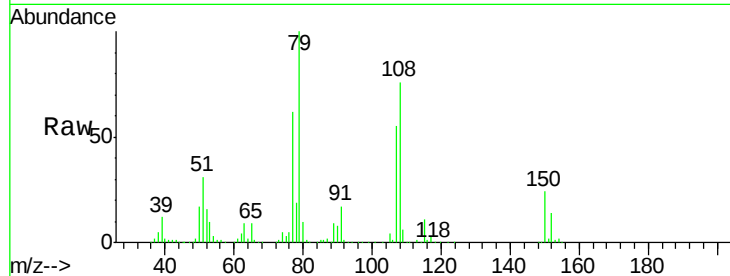
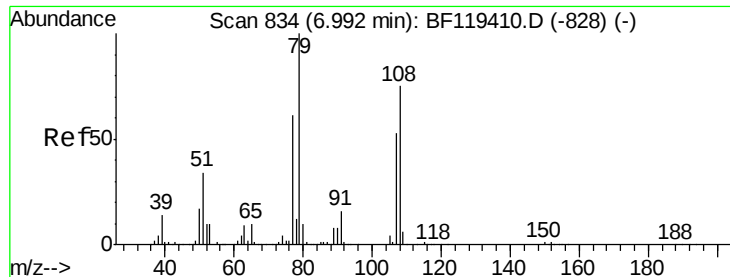
mohammad
3/30/2020 8:51:15 AM



#14
1,2-Dichlorobenzene
Concen: 41.876 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	46.0	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.659 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tot Ion:	79	Resp:	626563
Ion Ratio	Lower	Upper	
79	100		
108	76.2	60.6	90.8
77	62.3	50.2	75.2

Instrument :

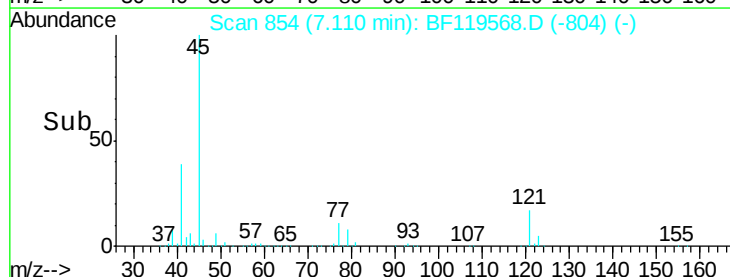
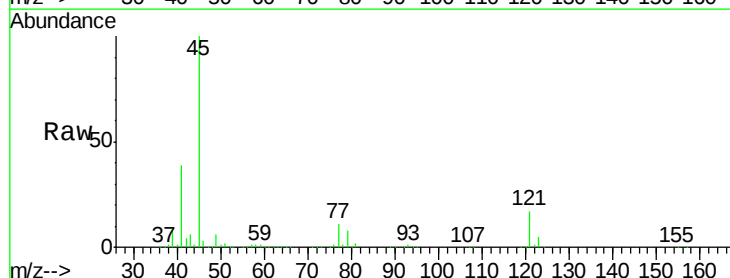
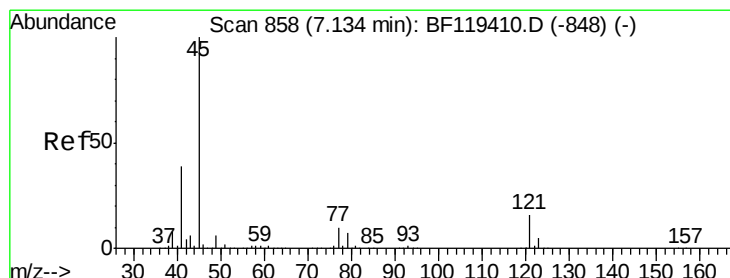
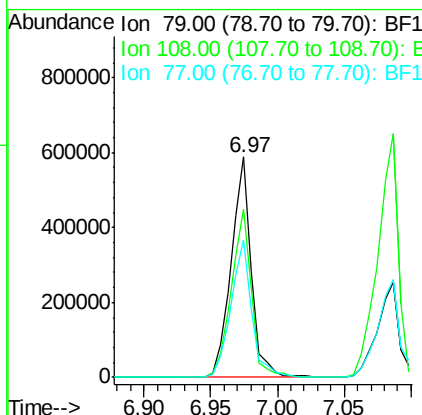
BNA_F

ClientSampleId :

PB127833BS

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.742 ng

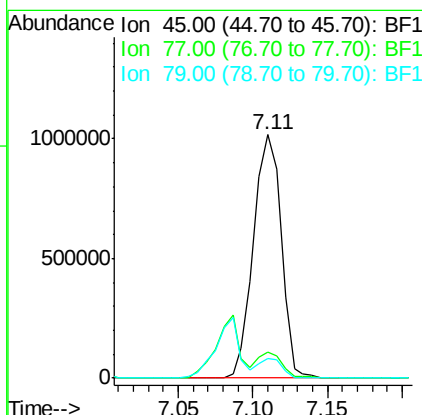
RT: 7.11 min Scan# 854

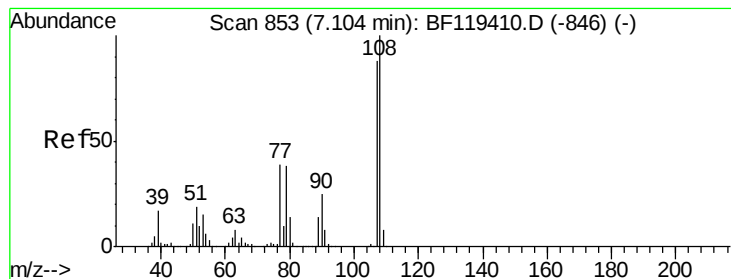
Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tgt Ion:	45	Resp:	1302150
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.7
79	8.0	0.0	28.2





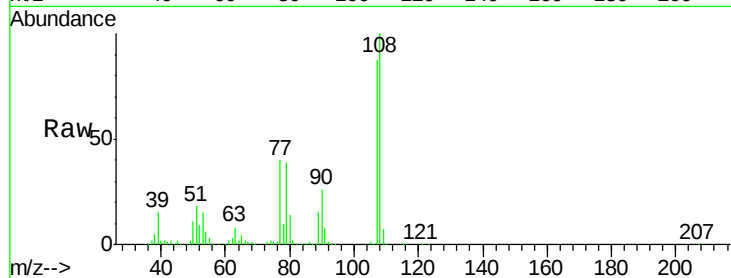
#17
2-Methylphenol
Concen: 39.986 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

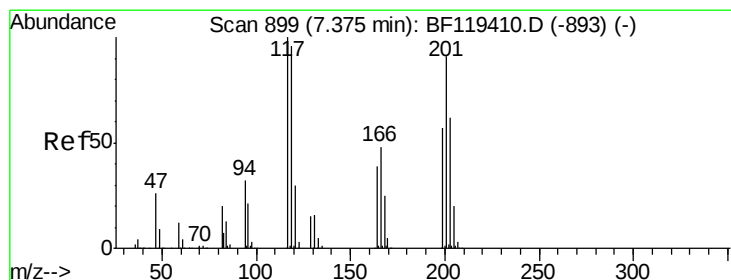
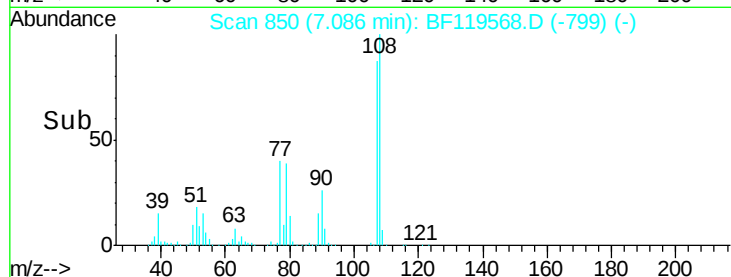
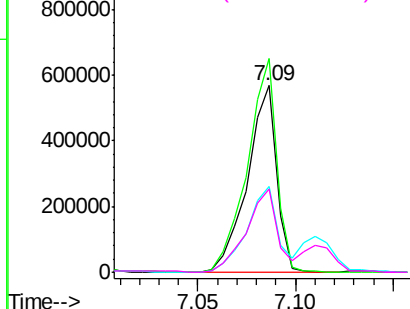
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	92.2	138.4	
77	46.1	36.6	54.8	
79	44.6	36.2	54.4	

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM

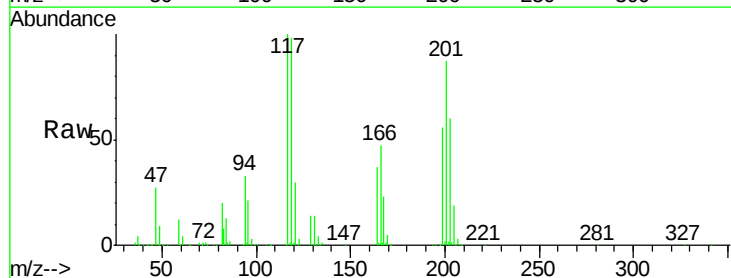


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

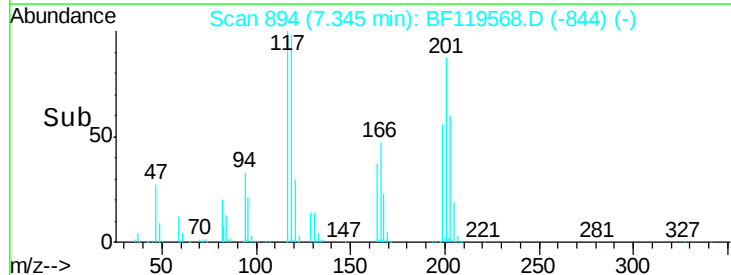
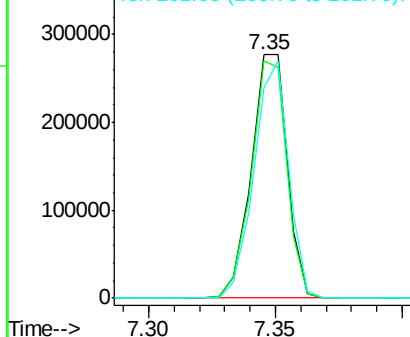


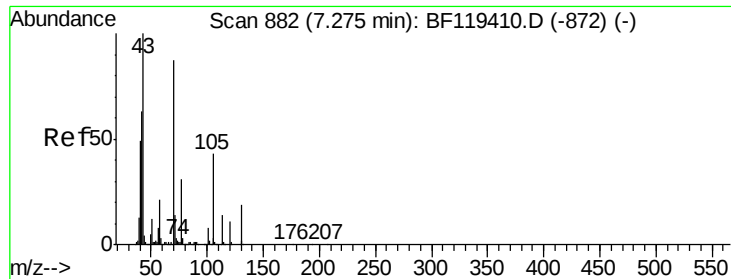
#18
Hexachloroethane
Concen: 43.202 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	76.1	114.1	
201	86.6	73.0	109.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





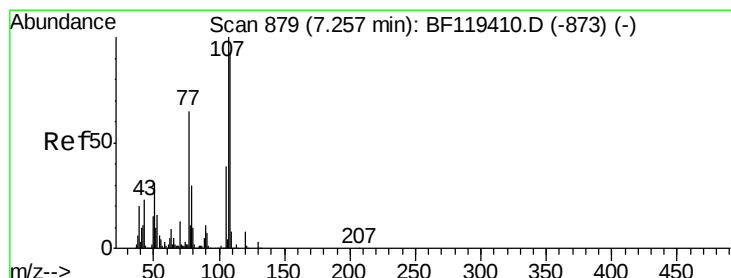
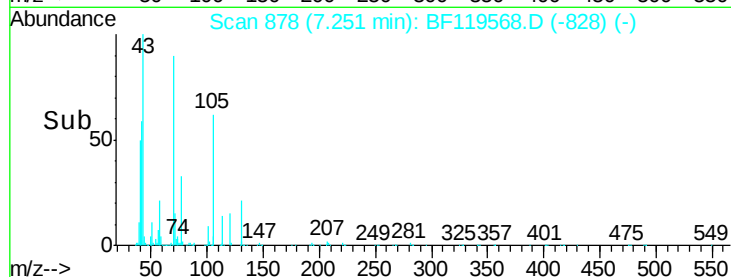
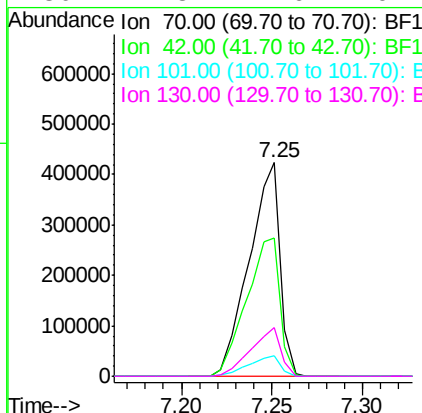
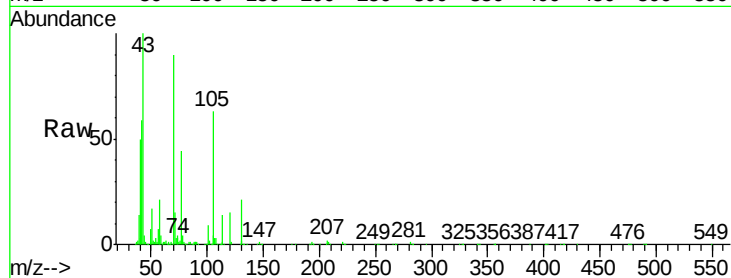
#19
n-Nitroso-di-n-propylamine
Concen: 42.716 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	54.5	81.7
101	9.8	7.6	11.4
130	22.8	17.6	26.4

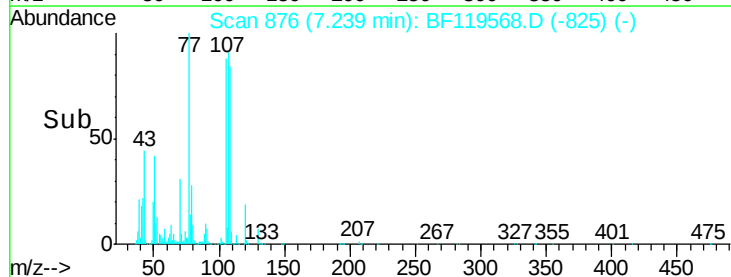
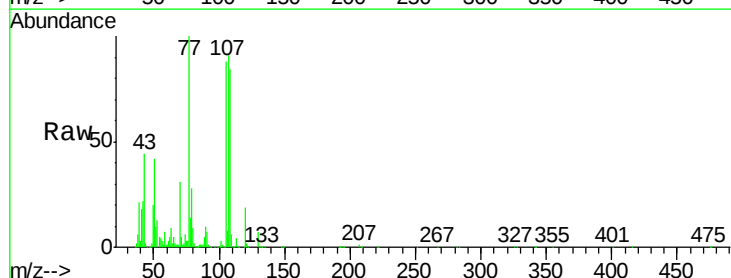
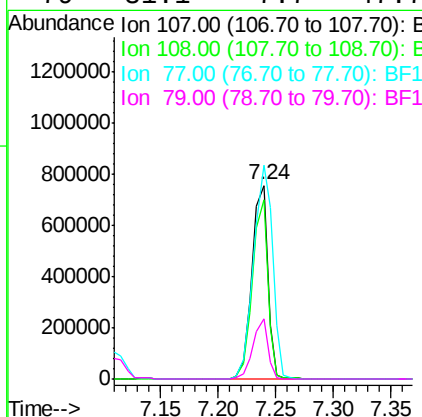
Manual Integrations
APPROVED

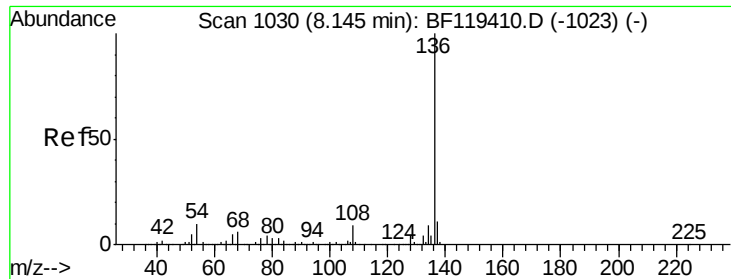
mohammad
3/30/2020 8:51:15 AM



#20
3+4-Methylphenols
Concen: 40.280 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.5	67.9	107.9
77	110.2	52.9	92.9
79	31.1	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

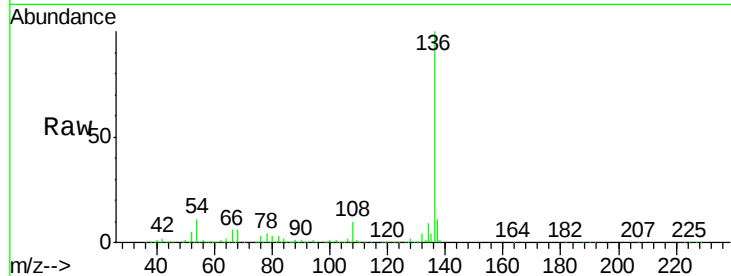
ClientSampleId :

PB127833BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	974046		
137	11.1	8.7	13.1	
54	10.6	9.1	13.7	
68	5.7	4.6	6.8	

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



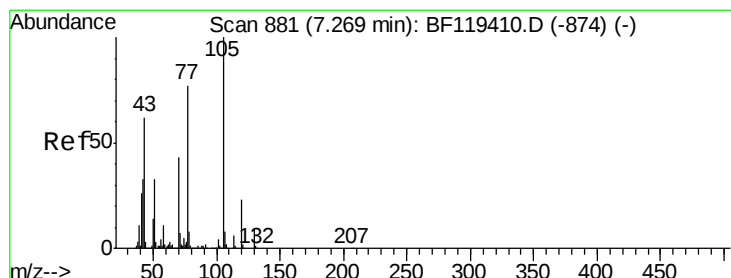
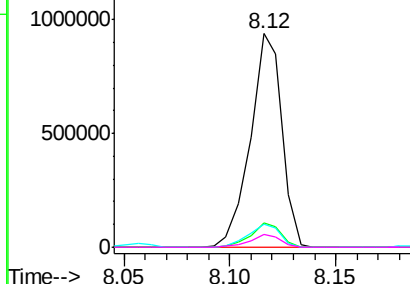
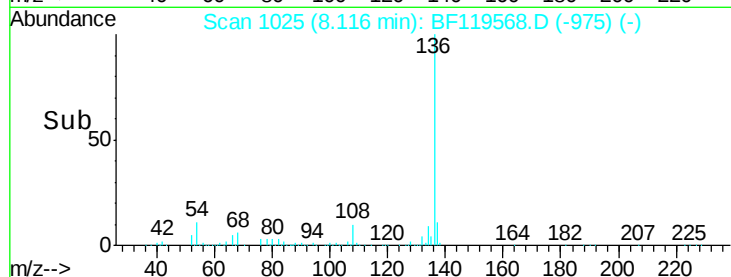
Abundance

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): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.710 ng

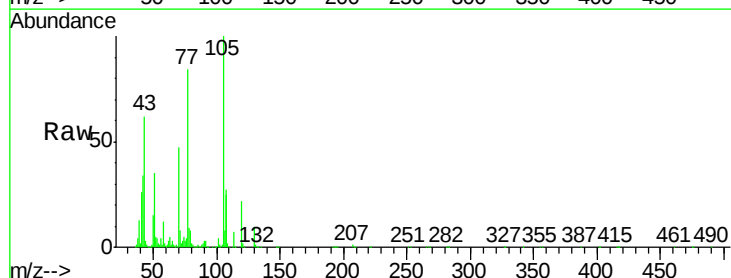
RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	947497		
71	8.2	5.7	8.5	
51	35.2	26.2	39.4	
120	22.5	18.3	27.5	



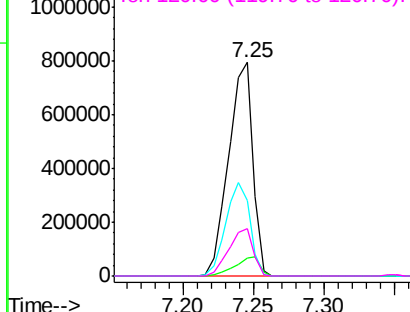
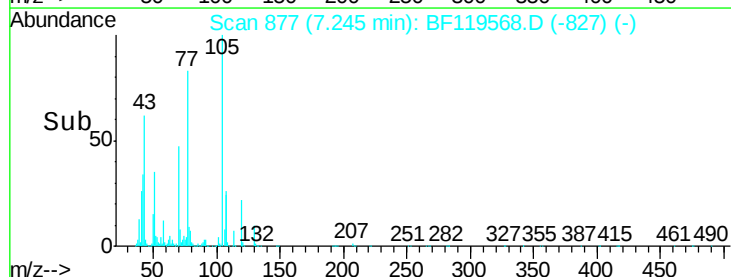
Abundance

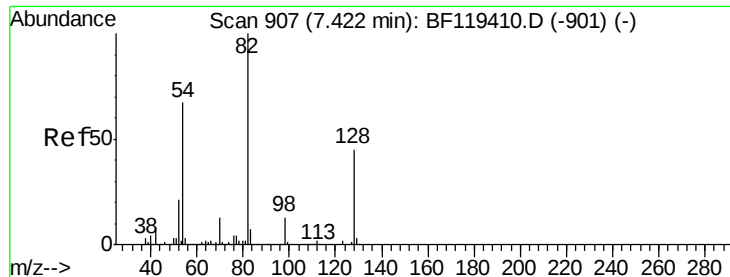
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





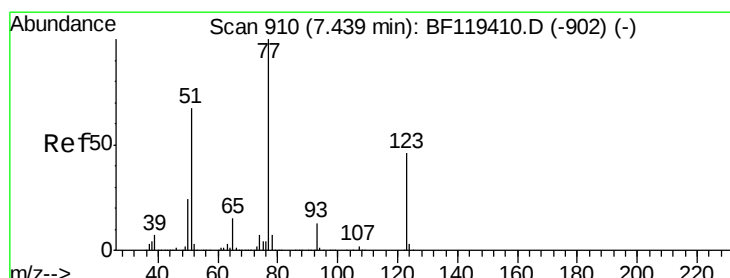
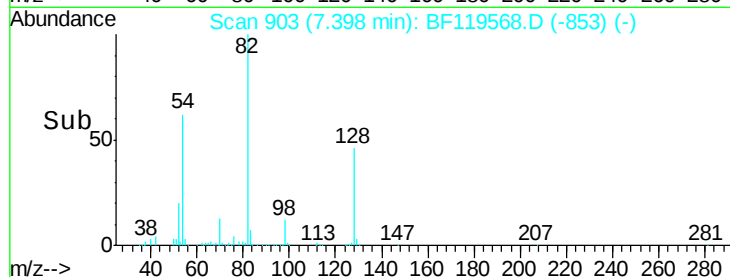
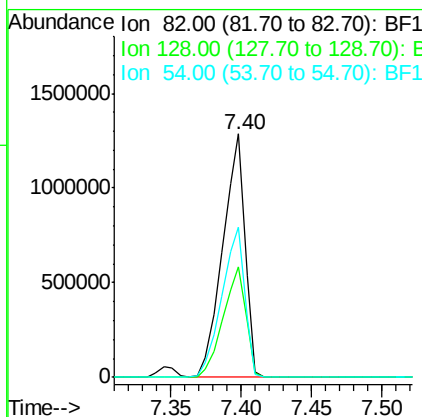
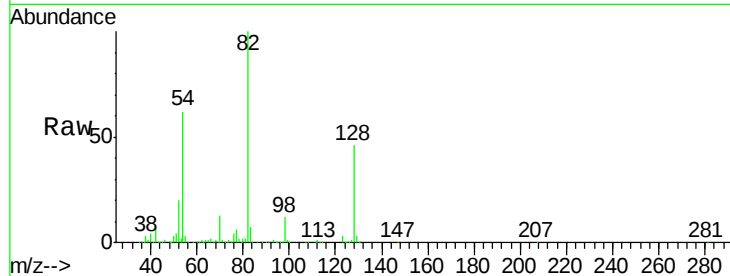
#23
Nitrobenzene-d5
Concen: 78.655 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion: 82 Resp: 1409680
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 61.5 50.6 75.8

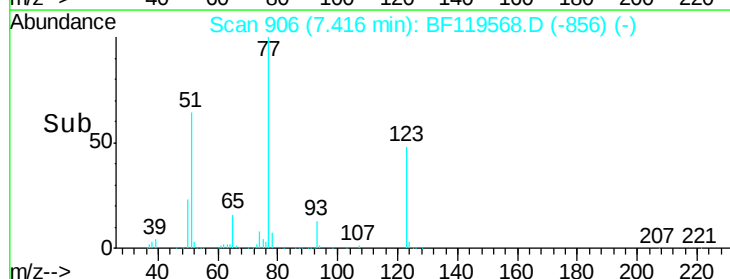
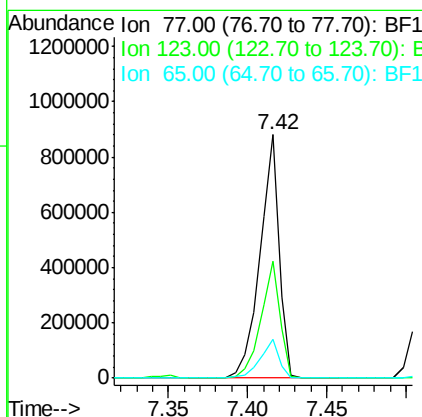
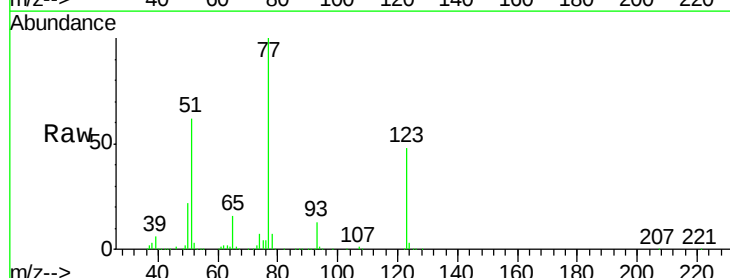
Manual Integrations
APPROVED

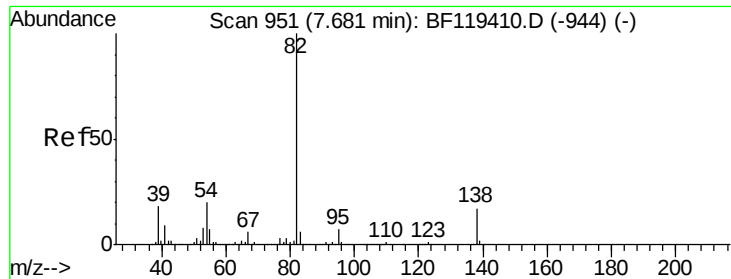
mohammad
3/30/2020 8:51:15 AM



#24
Nitrobenzene
Concen: 38.964 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion: 77 Resp: 746294
Ion Ratio Lower Upper
77 100
123 47.8 38.0 57.0
65 15.7 12.6 18.8





#25

Isophorone

Concen: 39.123 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127833BS

Tot Ion: 82 Resp: 1422370

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

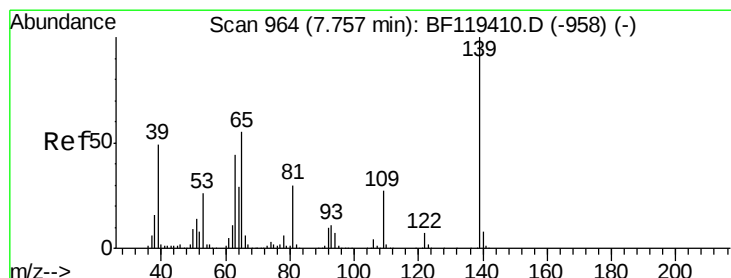
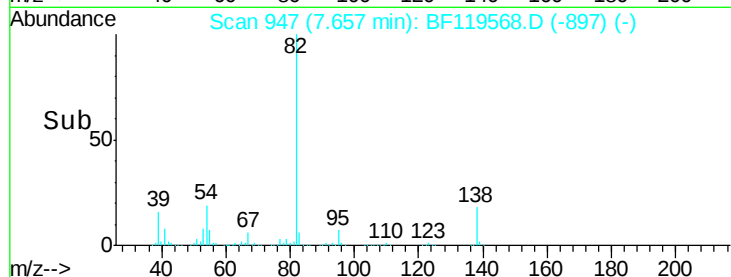
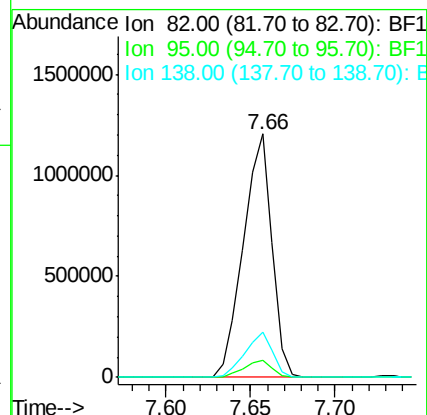
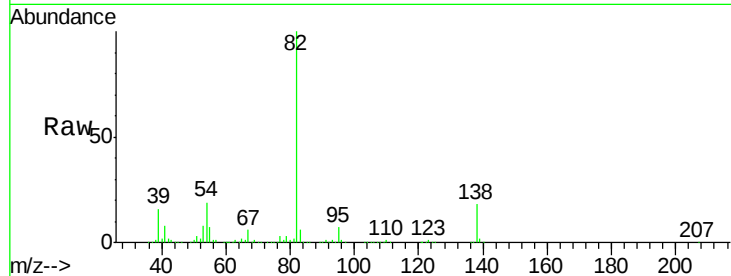
138 18.4 14.6 21.8

Manual Integrations

APPROVED

mohammad

3/30/2020 8:51:15 AM



#26

2-Nitrophenol

Concen: 50.770 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

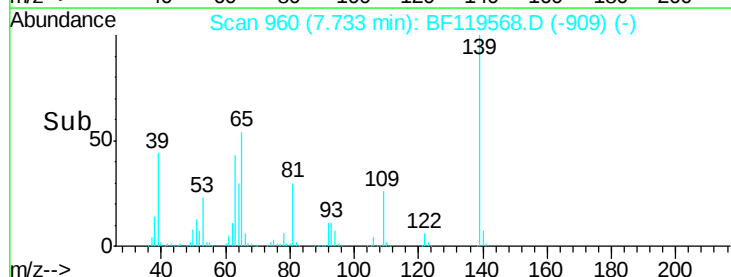
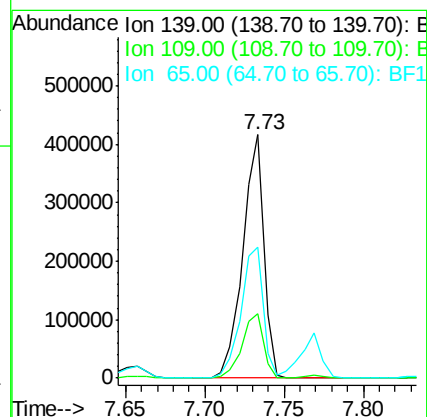
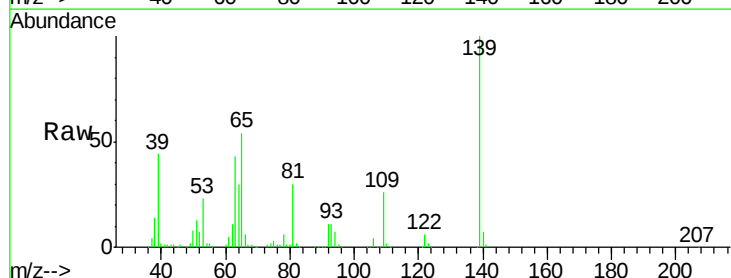
Tgt Ion: 139 Resp: 382882

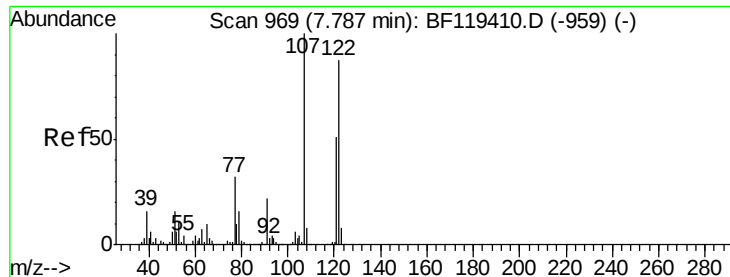
Ion Ratio Lower Upper

139 100

109 26.3 22.1 33.1

65 53.8 49.2 73.8





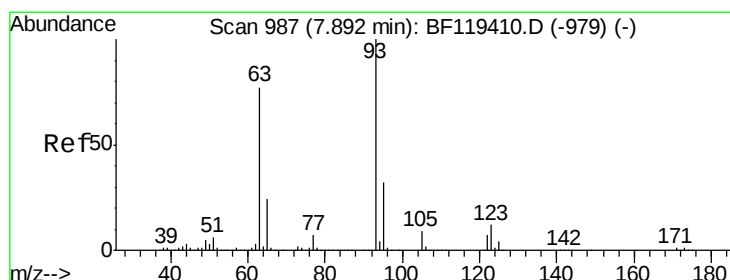
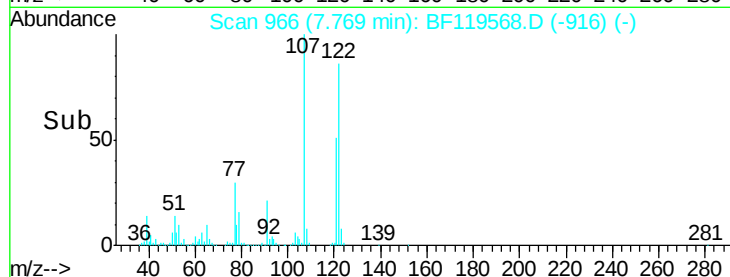
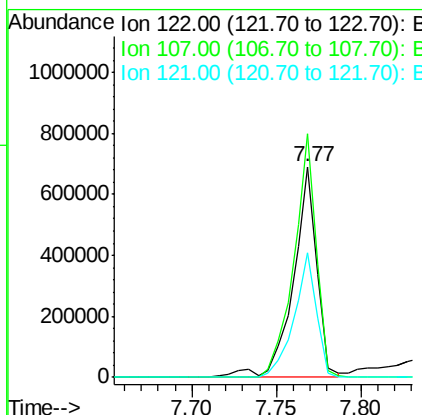
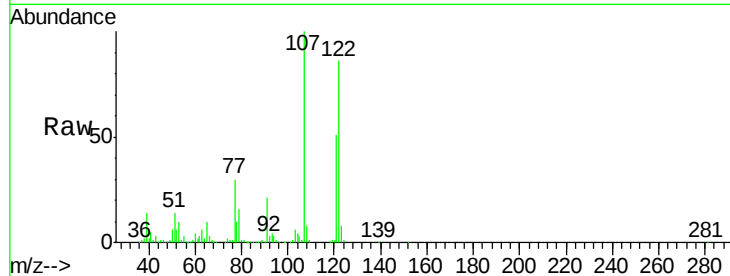
#27
 2,4-Dimethylphenol
 Concen: 43.007 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampled :
 PB127833BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	89.0	133.6
121	58.9	46.7	70.1

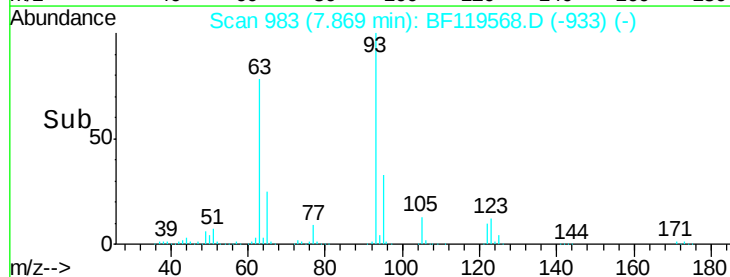
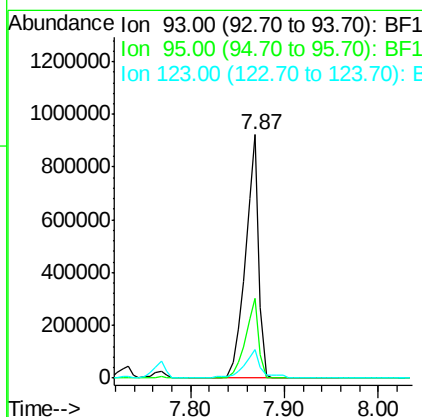
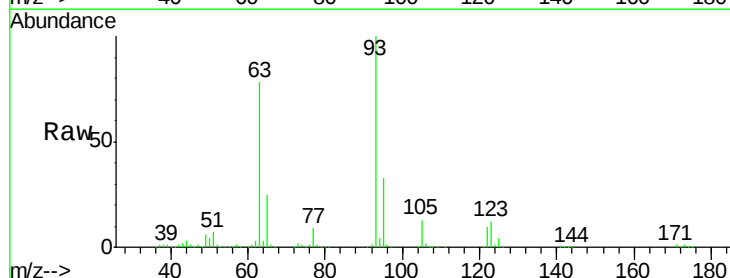
Manual Integrations
 APPROVED

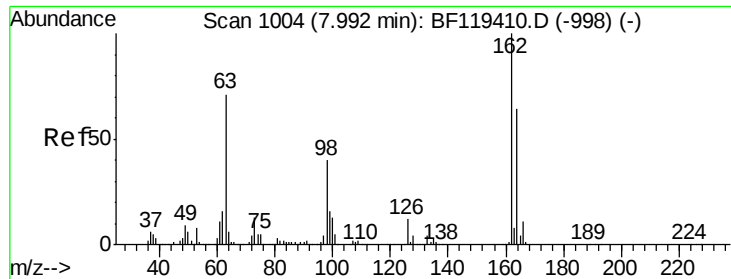
mohammad
 3/30/2020 8:51:15 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.335 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	12.0	9.7	14.5





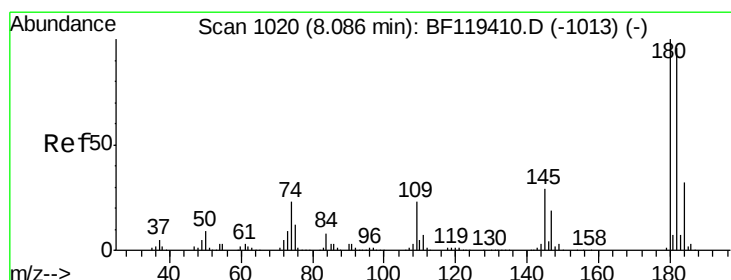
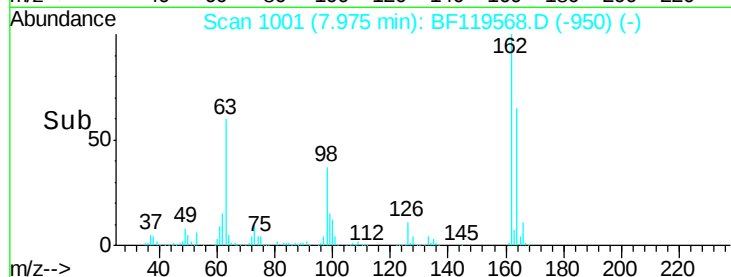
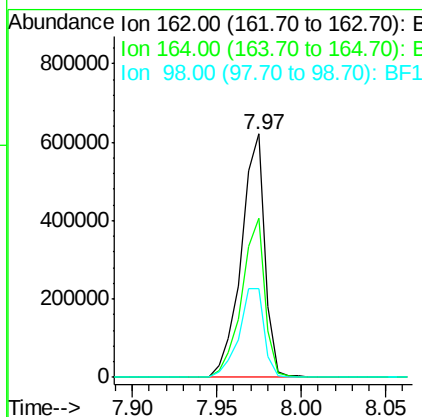
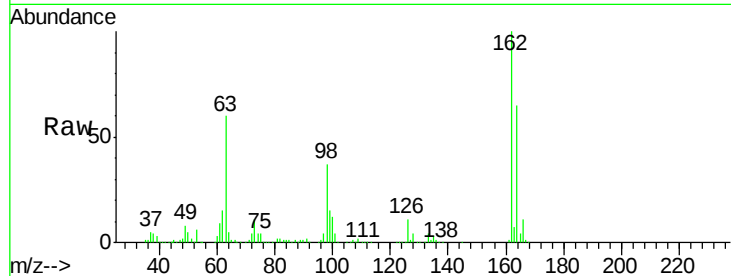
#29
2,4-Dichlorophenol
Concen: 42.645 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	611023		
164	65.3	44.7	84.7	
98	36.7	20.7	60.7	

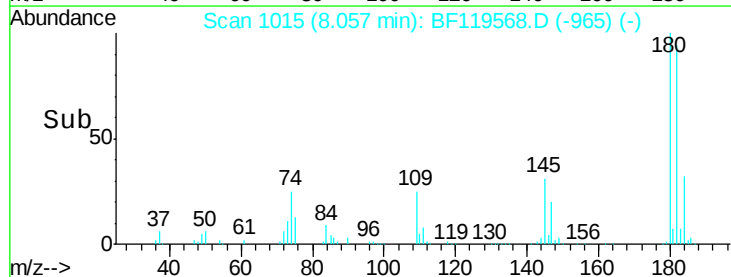
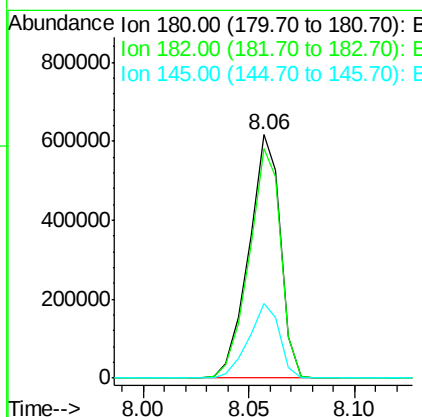
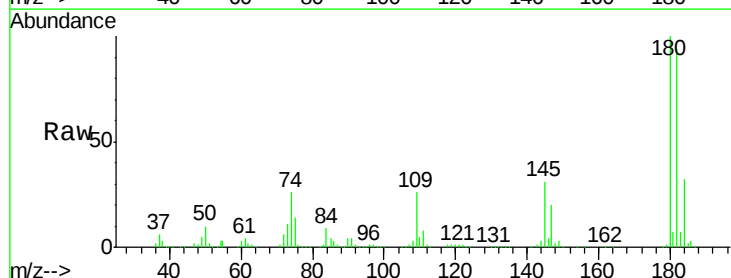
Manual Integrations
APPROVED

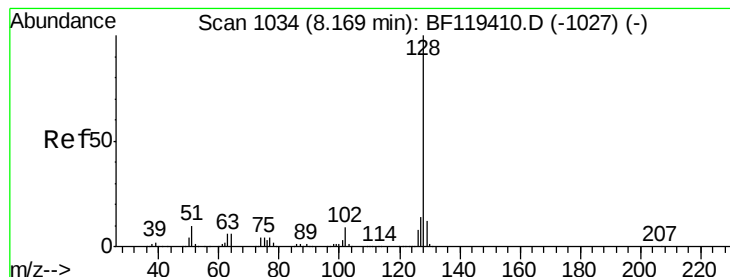
mohammad
3/30/2020 8:51:15 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.254 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	637860		
182	94.2	74.7	112.1	
145	30.5	24.5	36.7	





#31

Naphthalene

Concen: 40.556 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127833BS

Tot Ion:128 Resp: 2032868

Ion Ratio Lower Upper

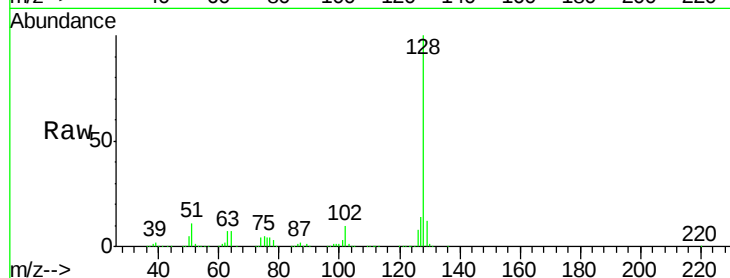
128 100

129 11.7 9.5 14.3

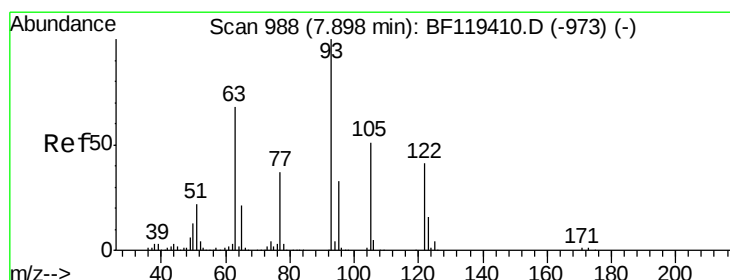
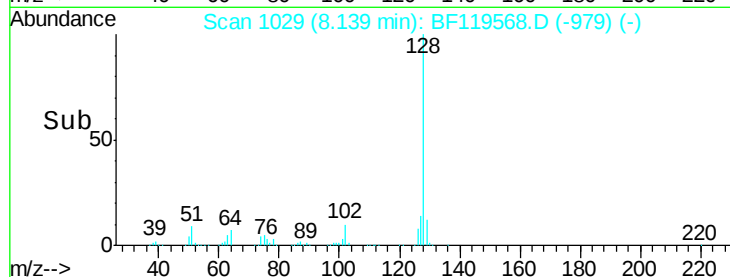
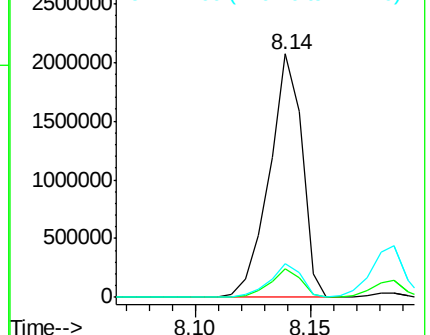
127 13.8 11.3 16.9

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.724 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

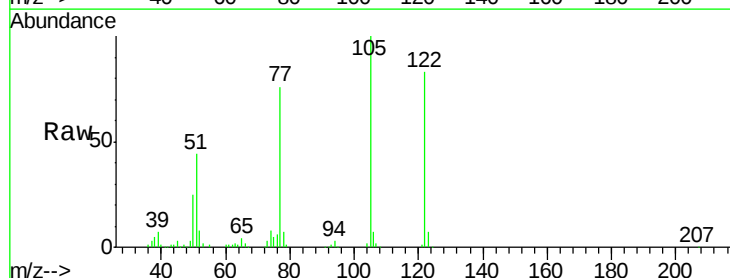
Tgt Ion:122 Resp: 488744

Ion Ratio Lower Upper

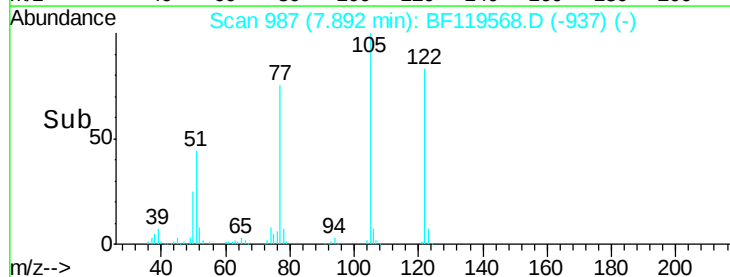
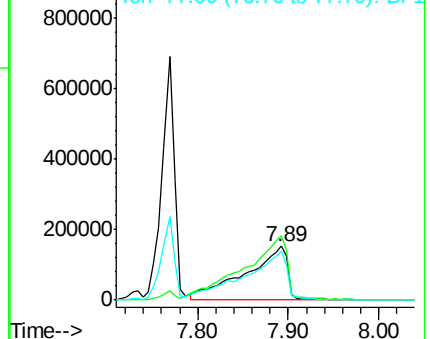
122 100

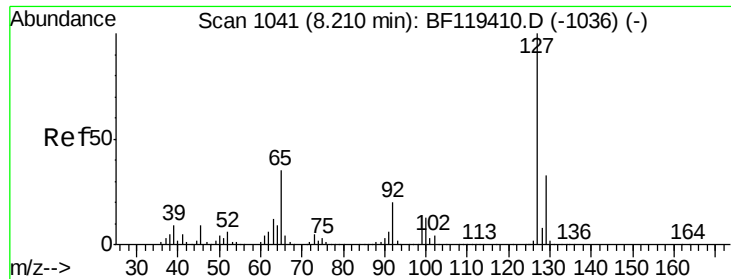
105 119.9 104.9 144.9

77 91.0 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





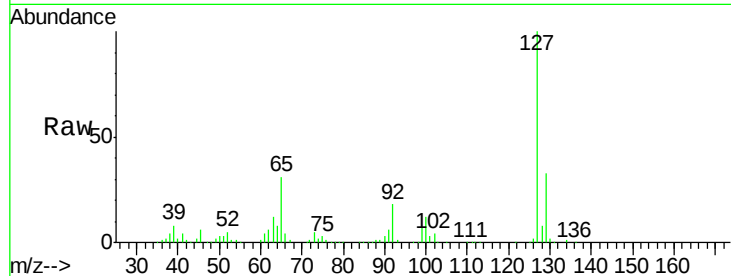
#33
4-Chloroaniline
Concen: 19.448 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

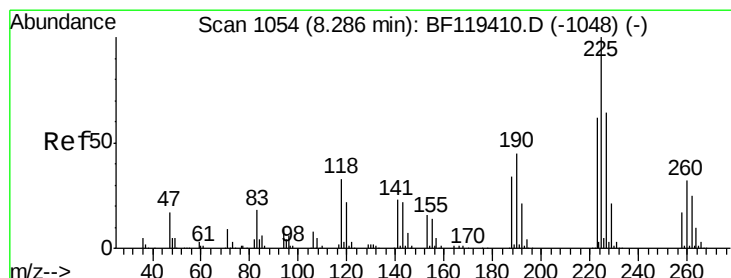
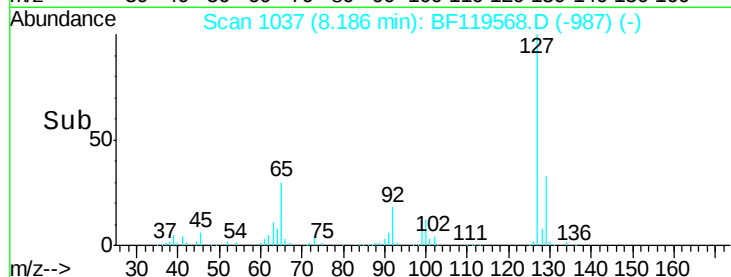
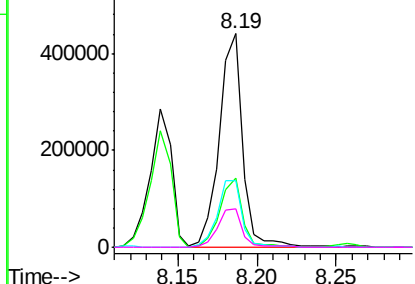
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		446684		
129	32.5	26.2	39.4		
65	31.3	27.4	41.0		
92	18.2	15.3	22.9		

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM

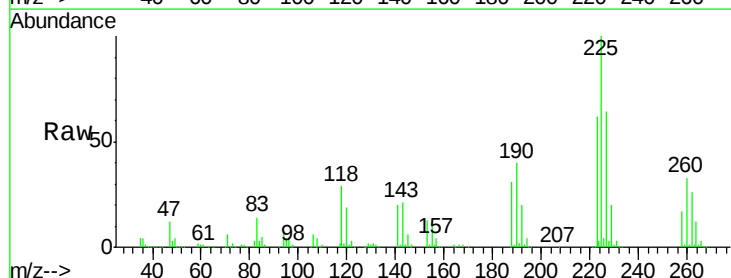


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

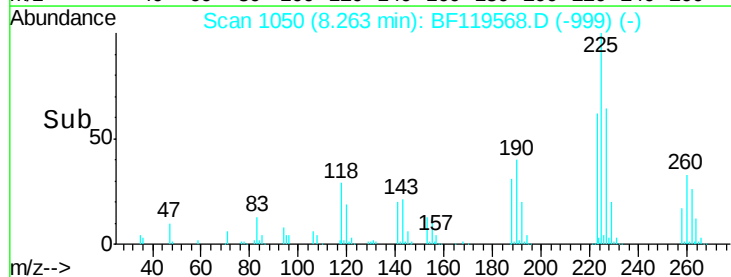
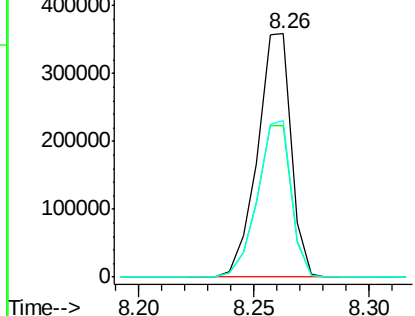


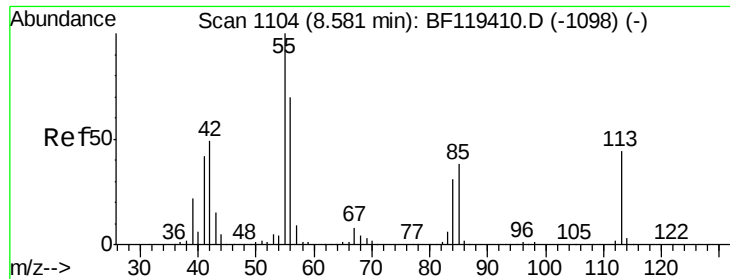
#34
Hexachlorobutadiene
Concen: 41.304 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		366190		
223	62.4	51.0	76.6		
227	64.3	50.7	76.1		



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





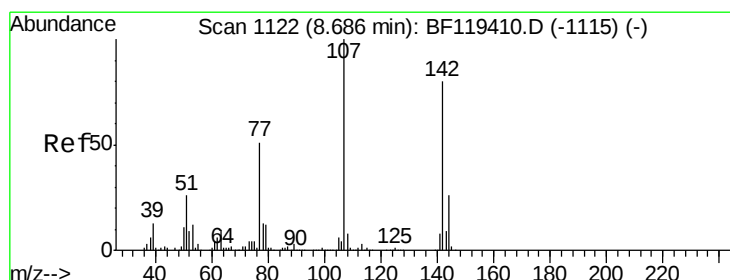
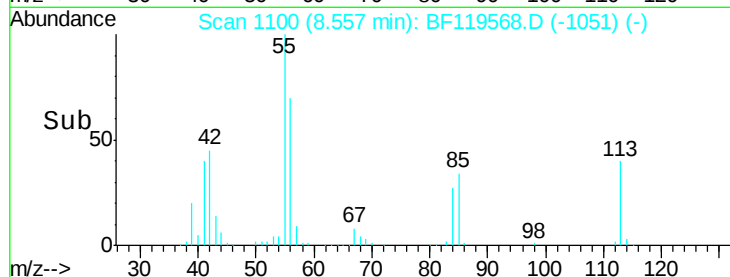
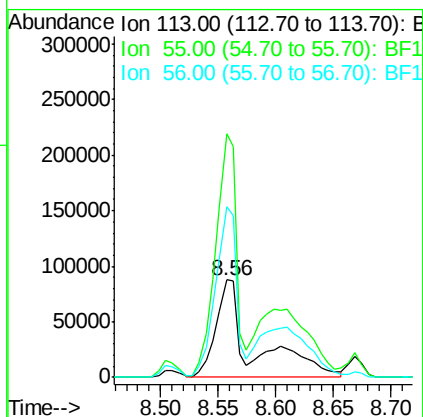
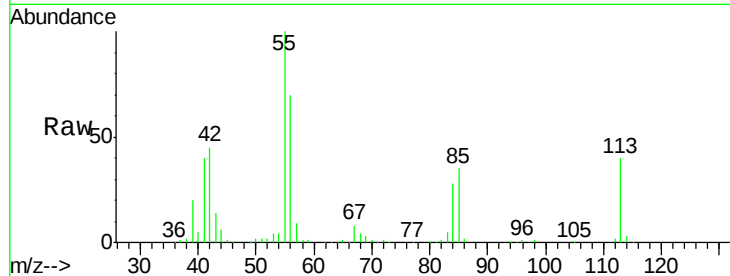
#35
Caprolactam
Concen: 41.815 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleID :
PB127833BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		196083		
55	249.4	218.4	258.4		
56	174.3	148.9	188.9		

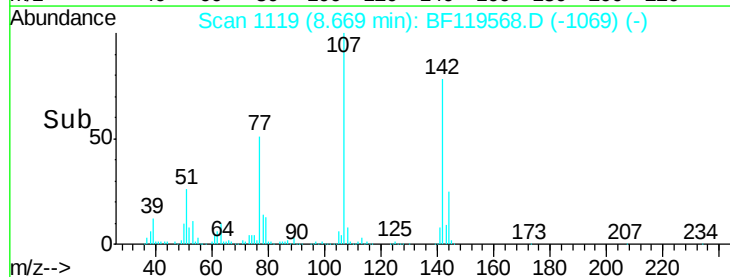
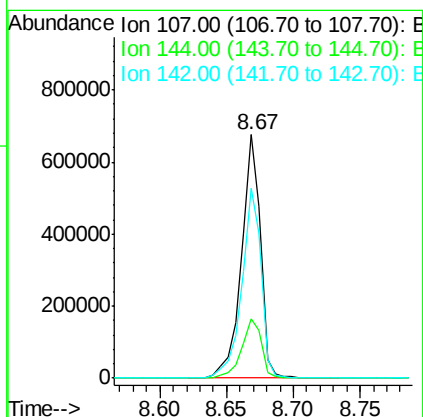
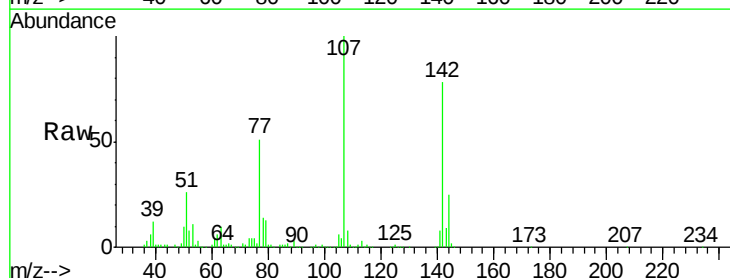
Manual Integrations
APPROVED

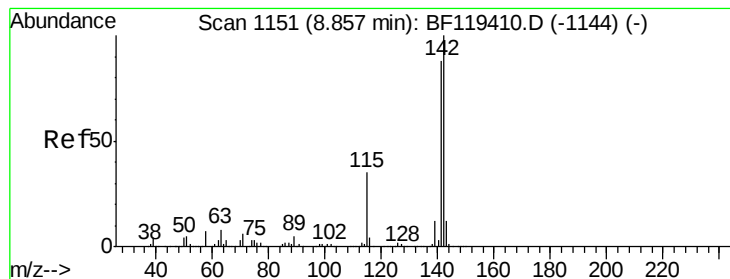
mohammad
3/30/2020 8:51:15 AM



#36
4-Chloro-3-methylphenol
Concen: 42.597 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		667080		
144	24.5	21.0	31.6		
142	77.8	64.4	96.6		





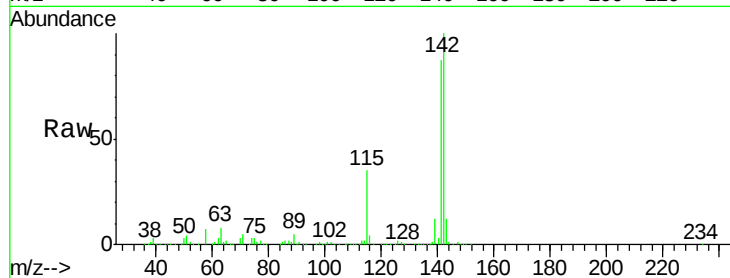
#37
2-Methylnaphthalene
Concen: 42.867 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

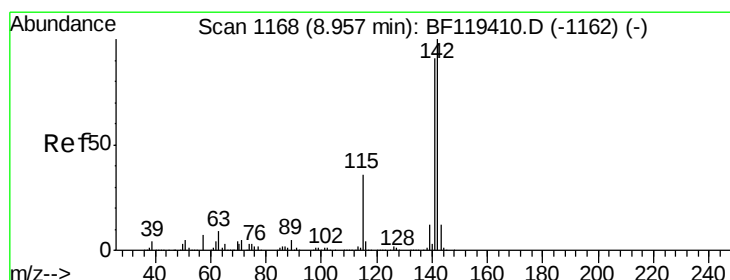
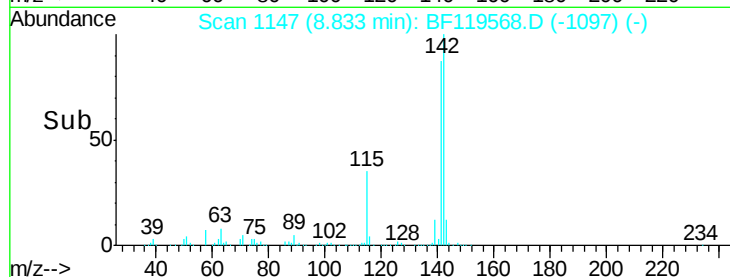
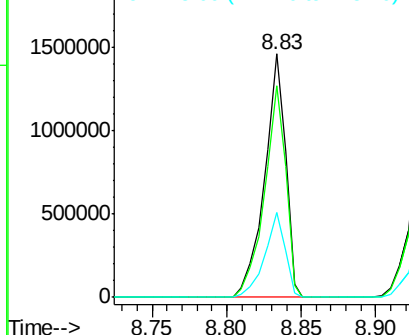
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.7	107.5
115	34.6	27.9	41.9

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



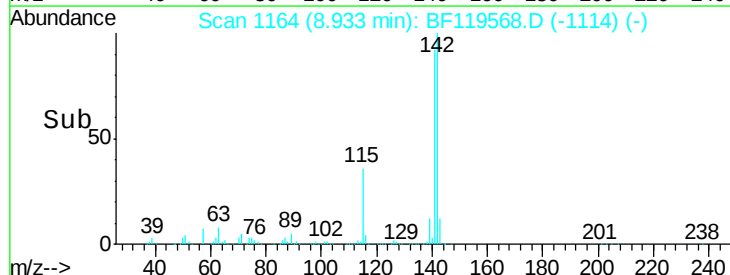
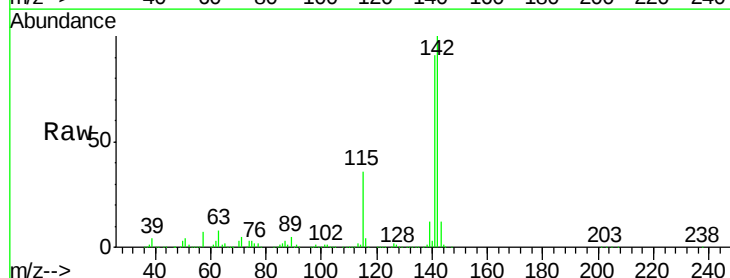
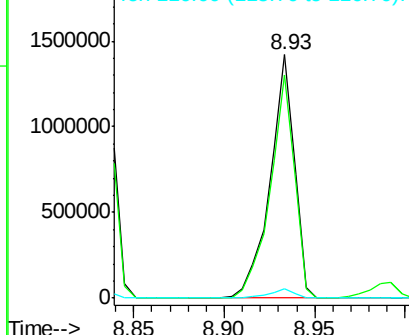
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

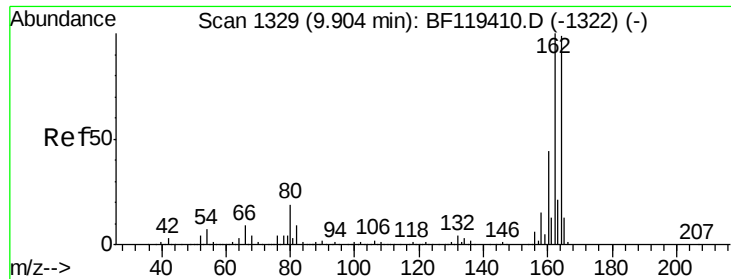


#38
1-Methylnaphthalene
Concen: 42.409 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.7	3.0	4.6

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





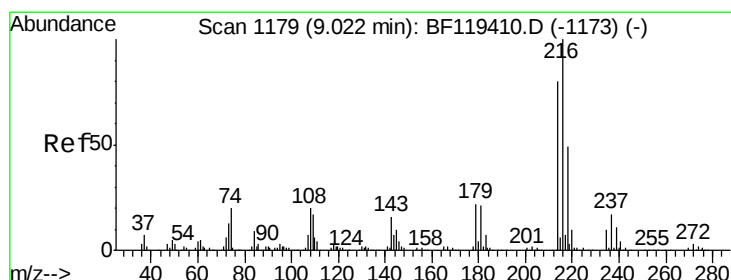
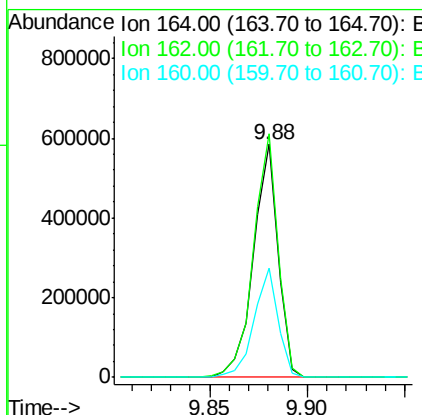
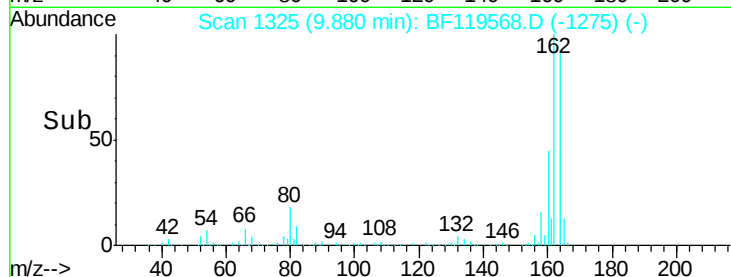
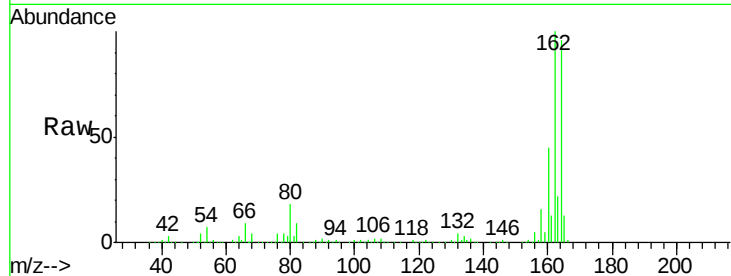
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.6	121.0
160	46.6	35.7	53.5

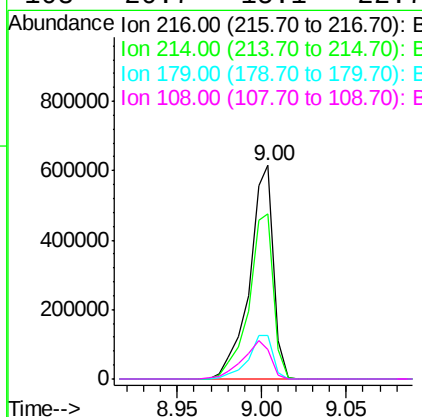
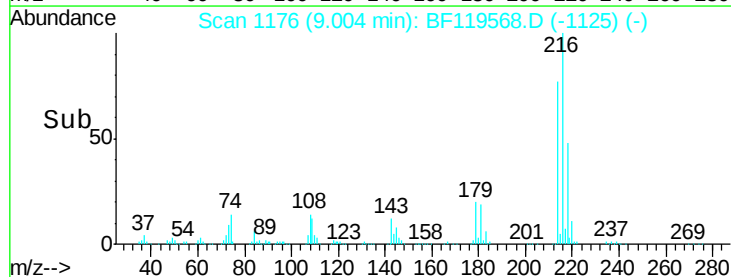
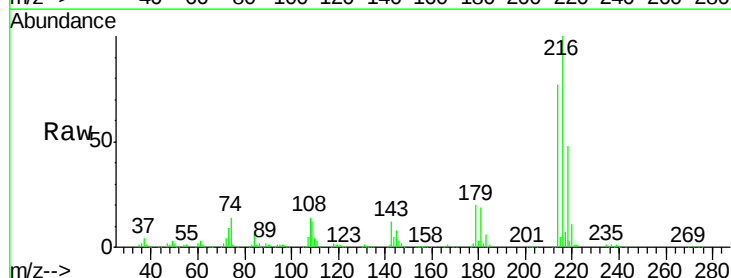
Manual Integrations
APPROVED

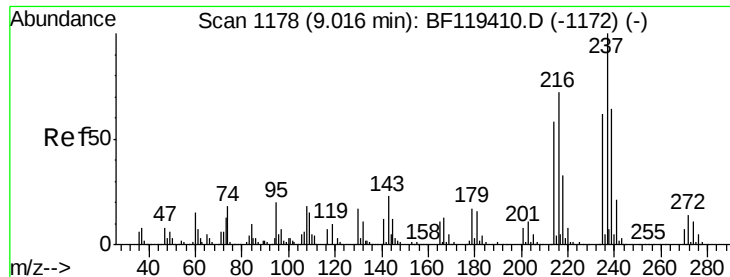
mohammad
3/30/2020 8:51:15 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.547 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.2	94.8
179	21.2	17.1	25.7
108	20.7	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 88.337 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

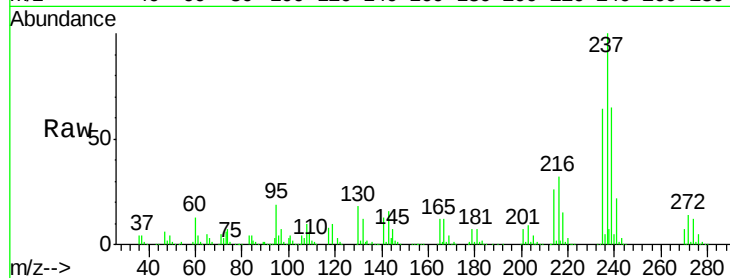
ClientSampleId :

PB127833BS

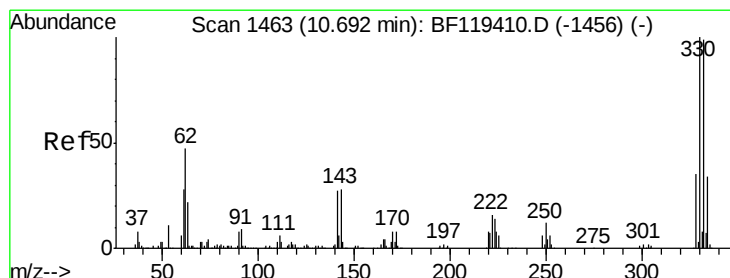
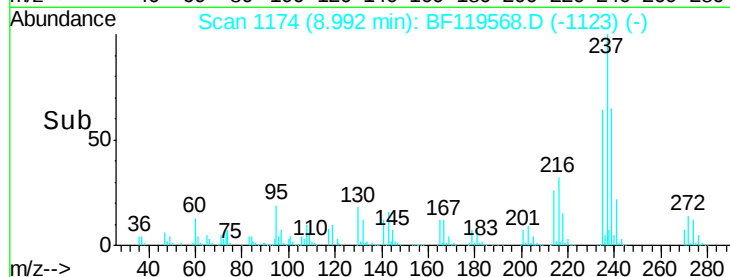
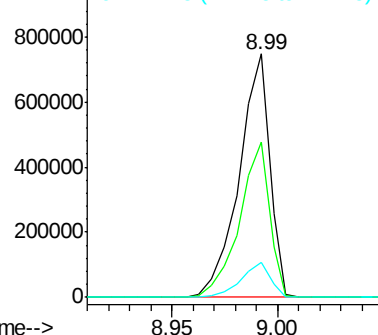
Tot Ion:	237	Resp:	754863
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.2	83.2
272	14.4	0.0	34.1

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.751 ng

RT: 10.67 min Scan# 1459

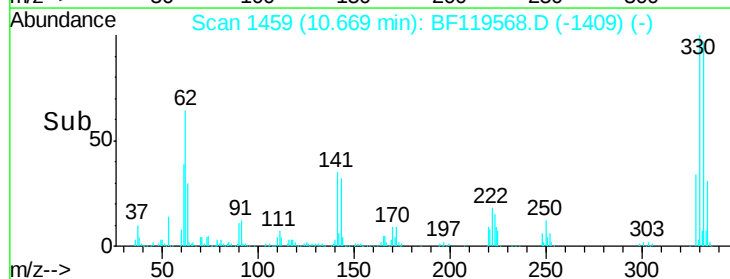
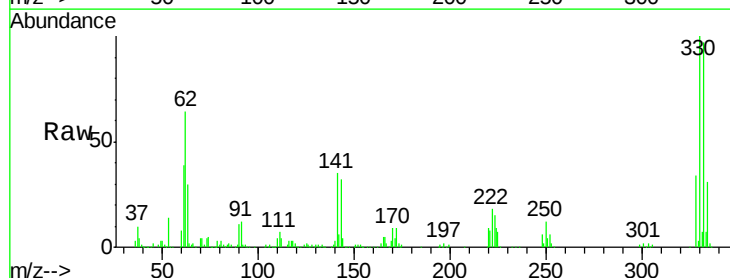
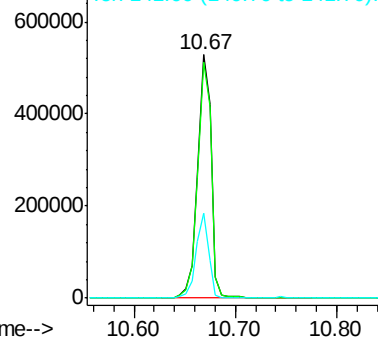
Delta R.T. -0.01 min

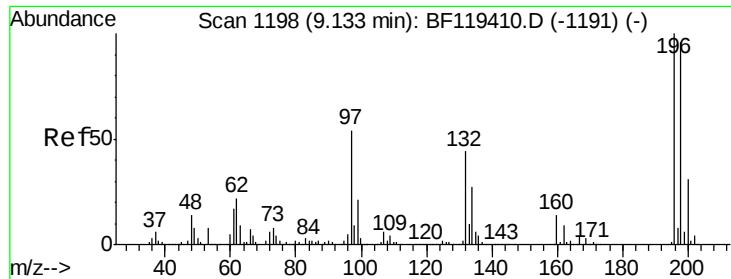
Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tgt Ion:	330	Resp:	490700
Ion Ratio	Lower	Upper	
330	100		
332	97.5	75.7	113.5
141	32.3	25.4	38.0

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





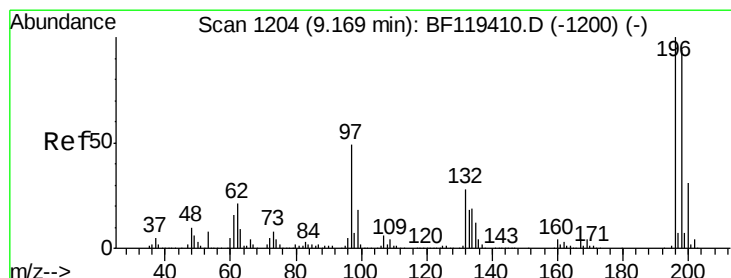
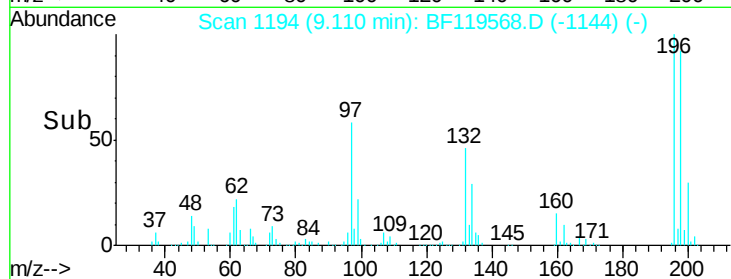
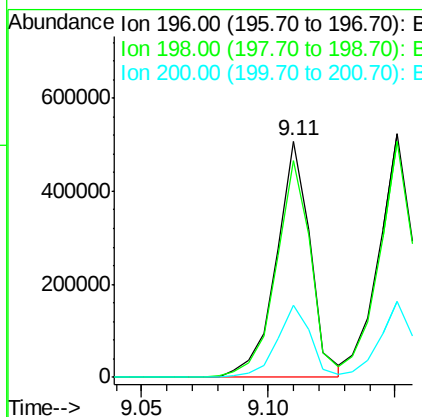
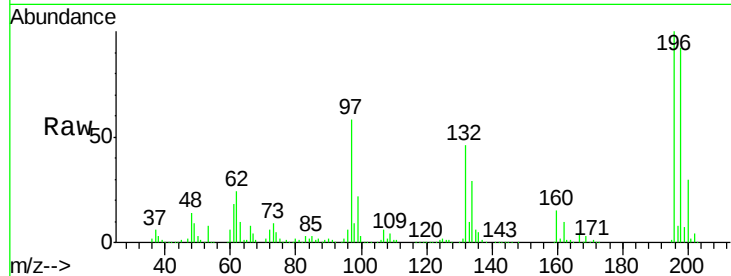
#43
 2,4,6-Trichlorophenol
 Concen: 43.544 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	468377		
198	91.8	76.6	115.0	
200	30.4	24.6	36.8	

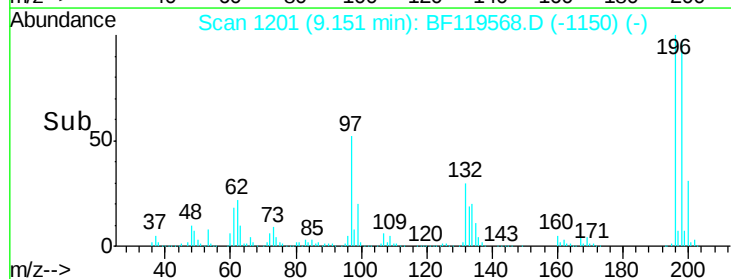
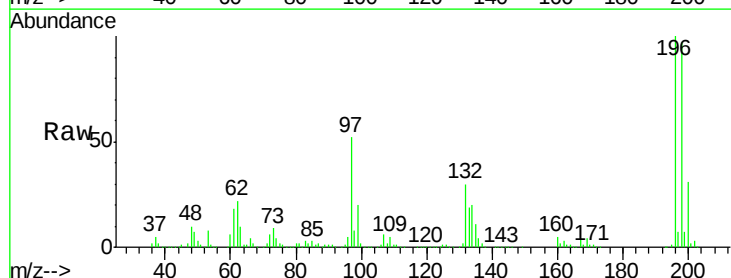
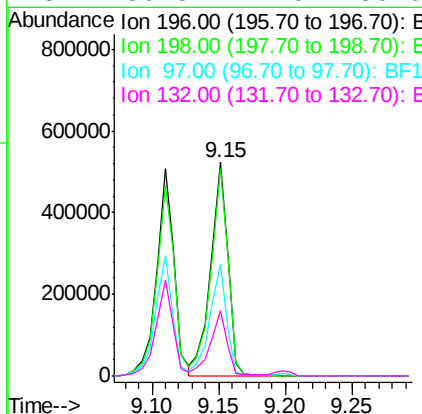
Manual Integrations
 APPROVED

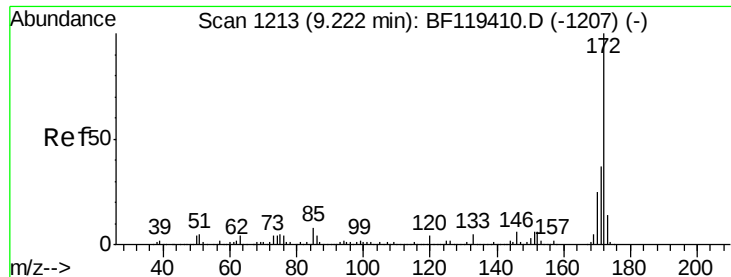
mohammad
 3/30/2020 8:51:15 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.834 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	479995		
198	97.0	73.8	110.8	
97	52.1	42.6	63.8	
132	30.3	24.0	36.0	





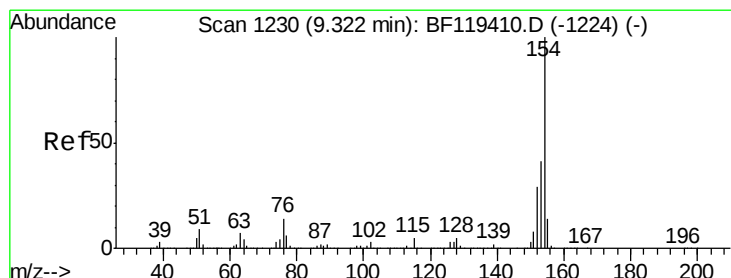
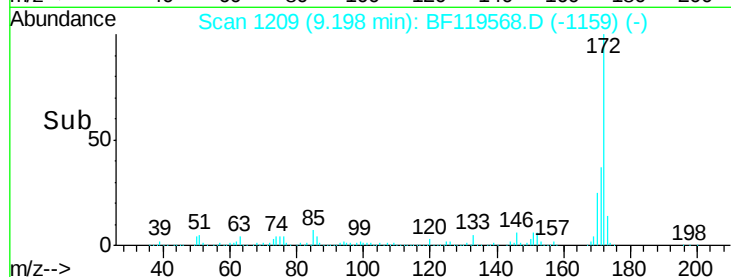
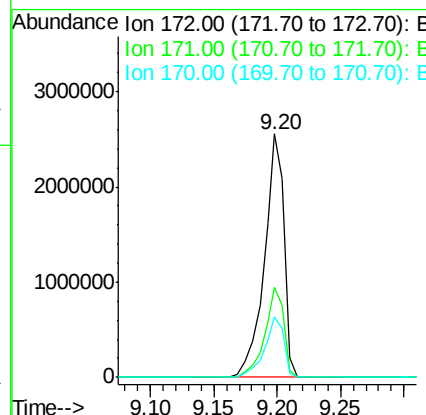
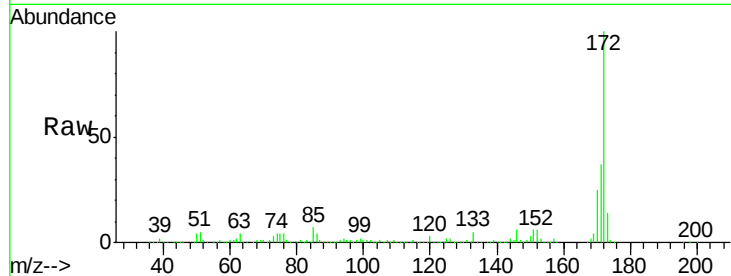
#45
2-Fluorobiphenyl
Concen: 79.570 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.9	29.6	44.4	
170	25.0	20.2	30.2	

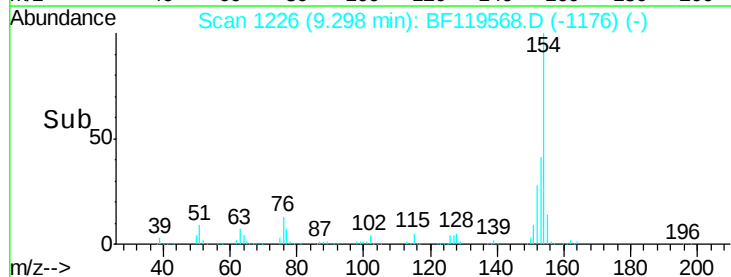
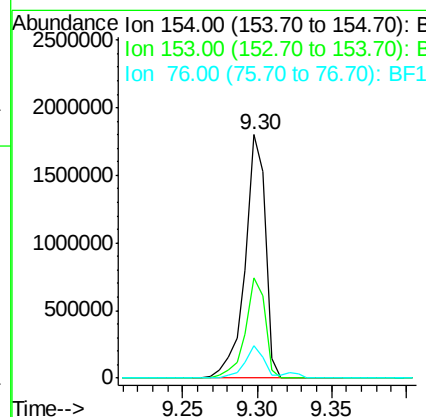
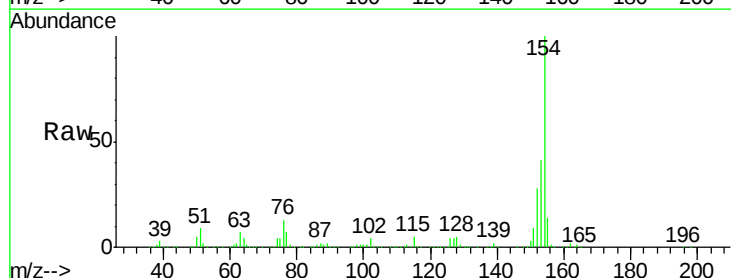
Manual Integrations
APPROVED

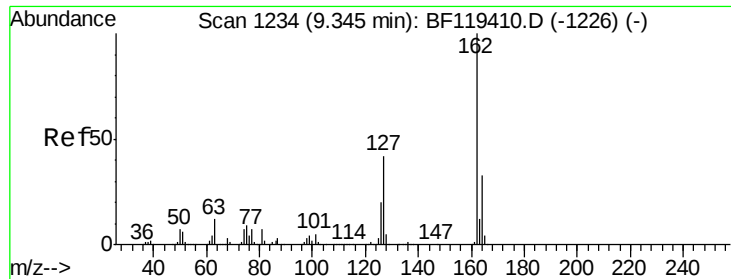
mohammad
3/30/2020 8:51:15 AM



#46
1,1'-Biphenyl
Concen: 40.547 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.0	21.4	61.4	
76	13.4	0.0	33.0	





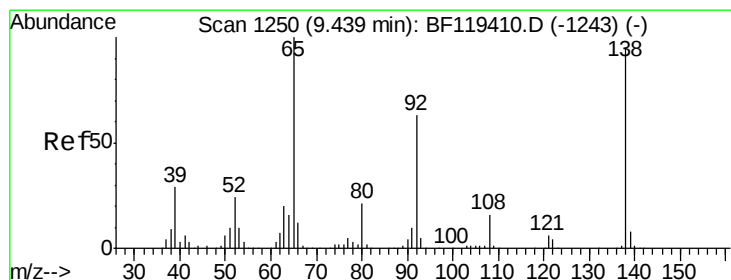
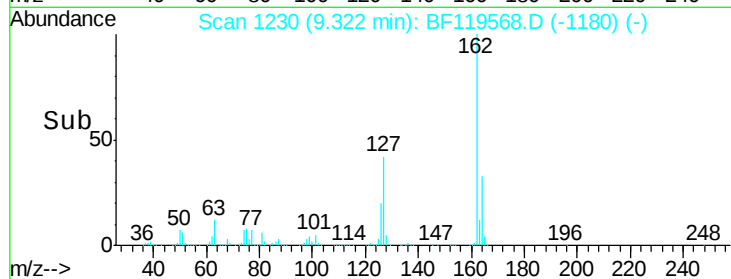
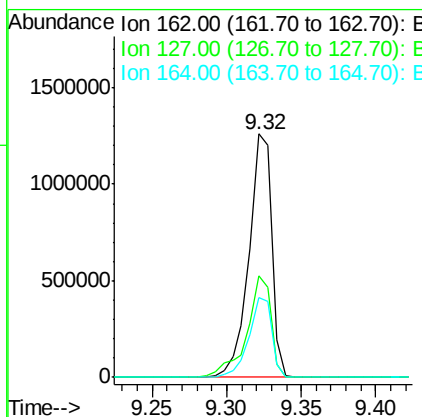
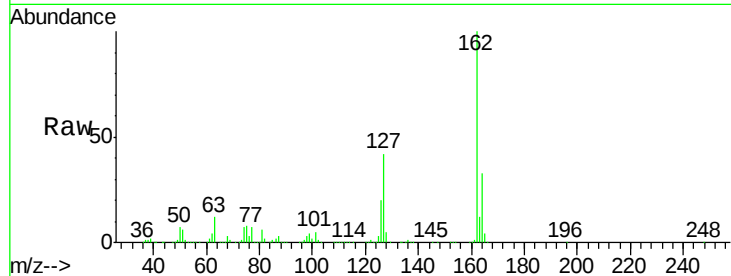
#47
2-Chloronaphthalene
Concen: 40.474 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.9	33.7	50.5	
164	32.8	26.3	39.5	

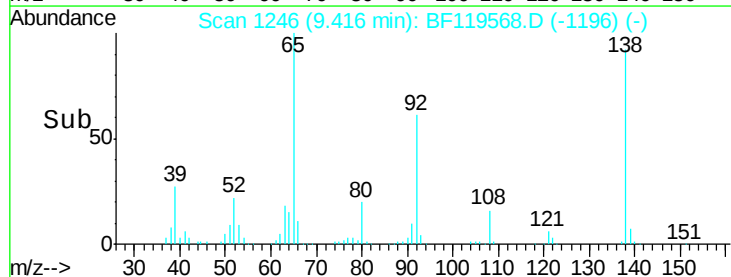
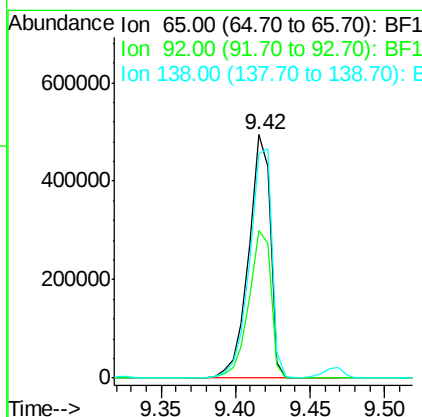
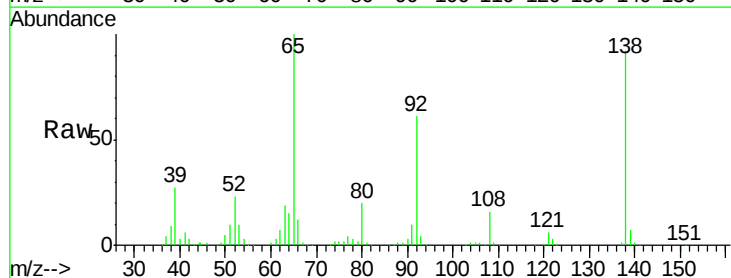
Manual Integrations
APPROVED

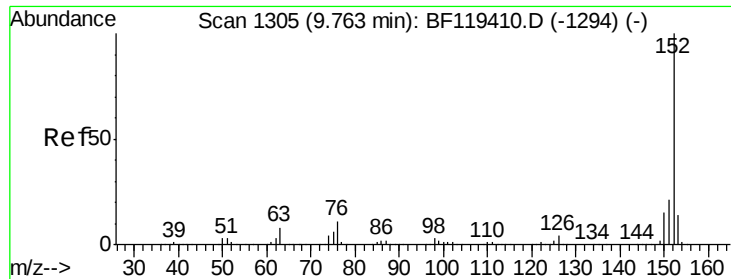
mohammad
3/30/2020 8:51:15 AM



#48
2-Nitroaniline
Concen: 43.920 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	60.6	50.0	75.0	
138	92.0	75.0	112.4	





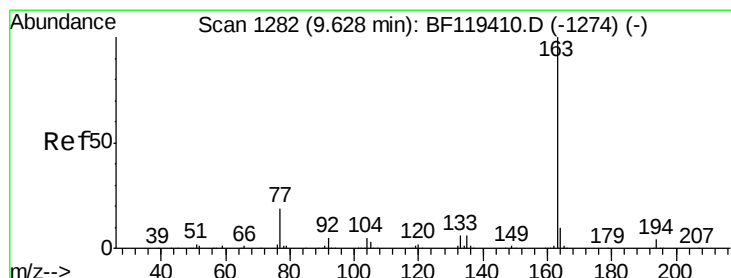
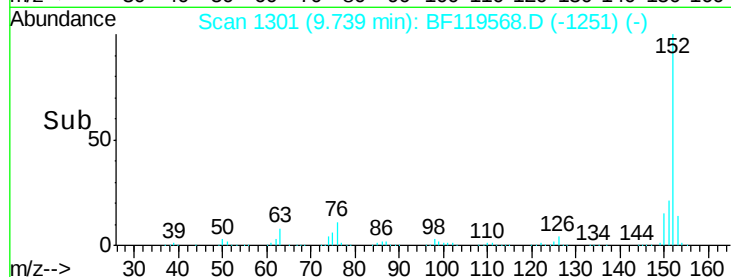
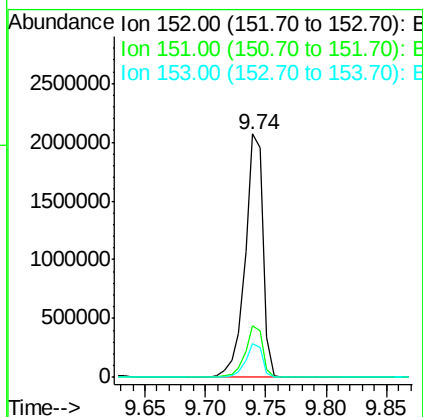
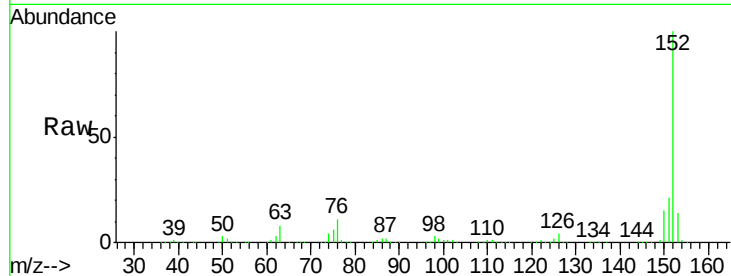
#49
Acenaphthylene
Concen: 41.563 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB127833BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.9	11.2	16.8

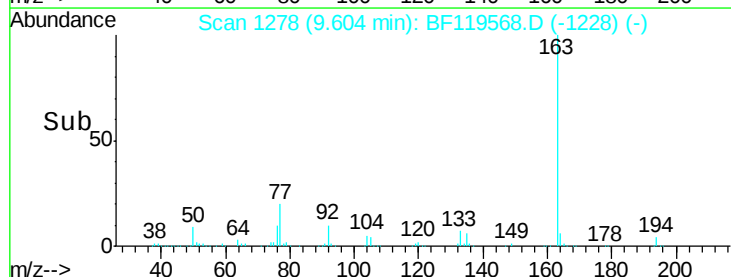
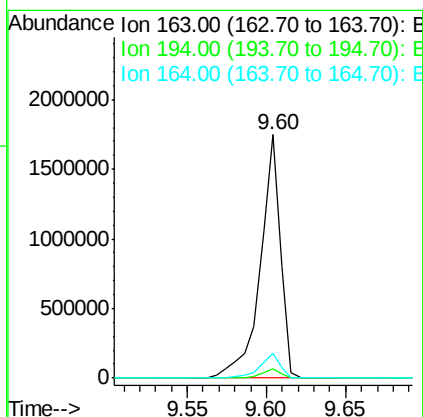
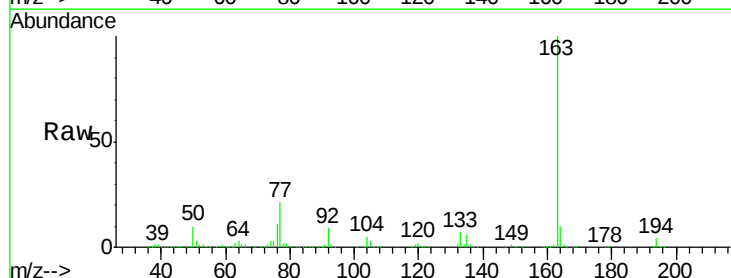
Manual Integrations
APPROVED

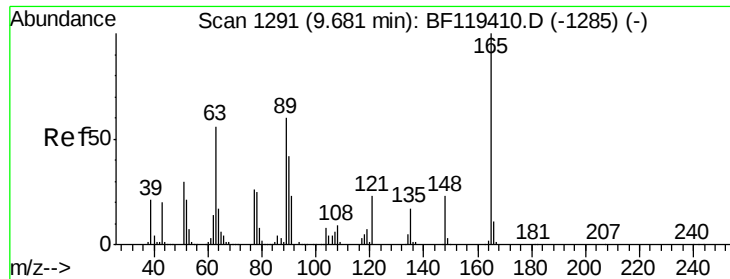
mohammad
3/30/2020 8:51:15 AM



#50
Dimethylphthalate
Concen: 42.875 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.4	8.2	12.2





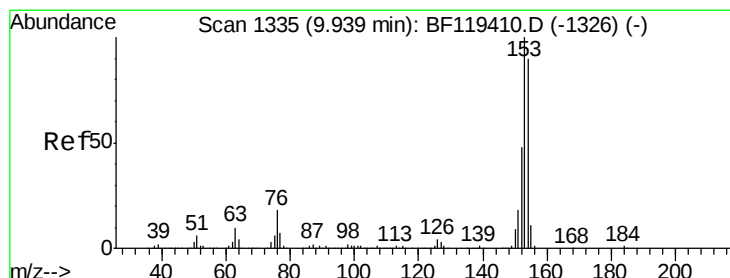
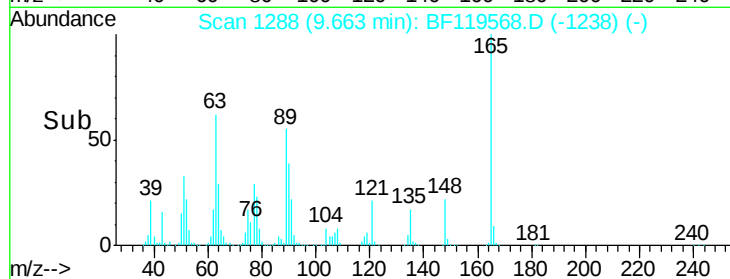
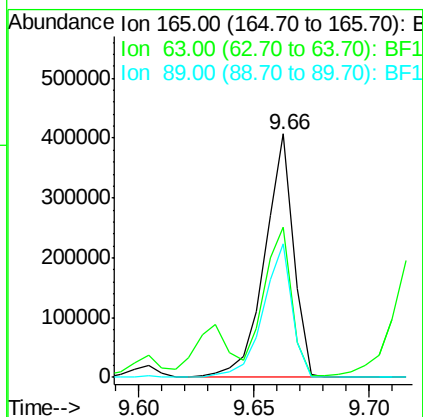
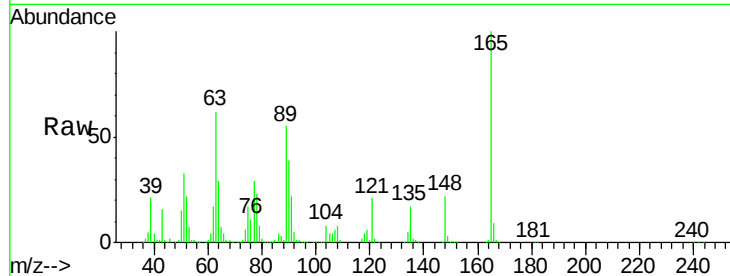
#51
2,6-Dinitrotoluene
Concen: 45.286 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	353569		
63	61.8	45.0	67.4	
89	54.6	41.5	62.3	

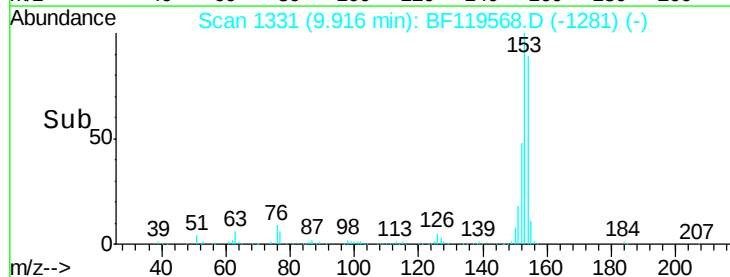
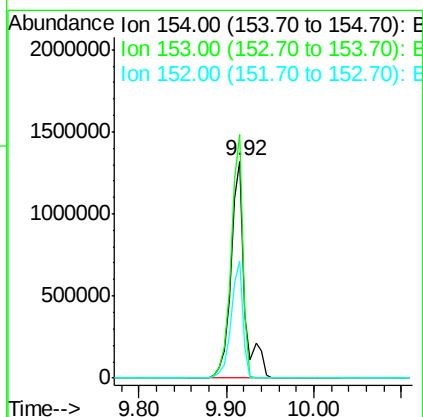
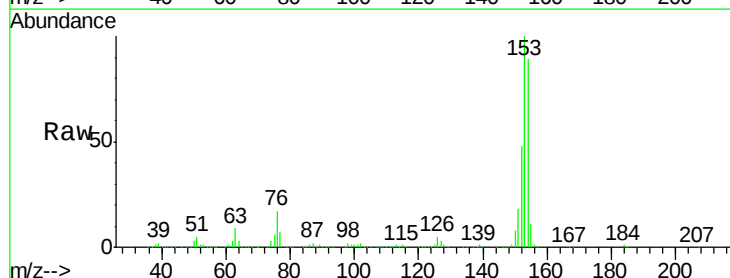
Manual Integrations
APPROVED

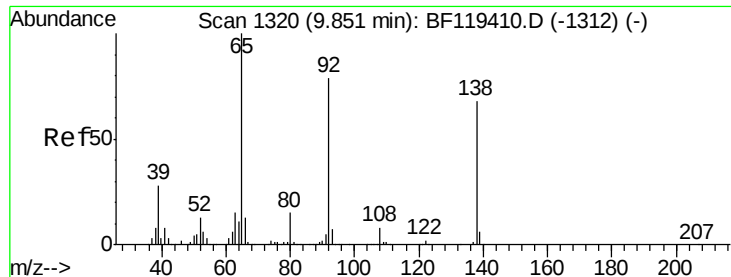
mohammad
3/30/2020 8:51:15 AM



#52
Acenaphthene
Concen: 44.785 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1434395		
153	112.0	88.1	132.1	
152	53.7	43.0	64.4	





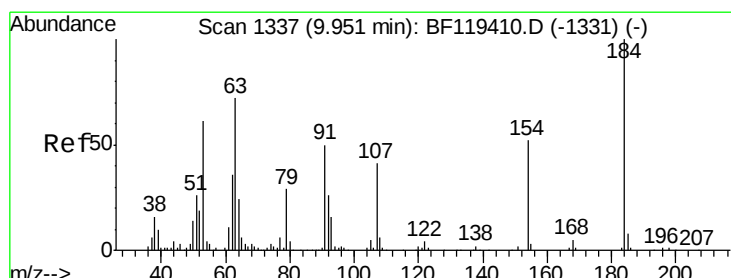
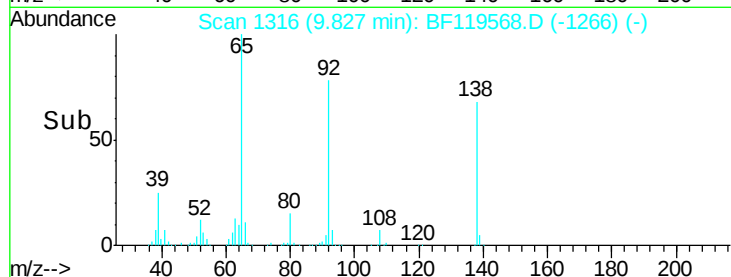
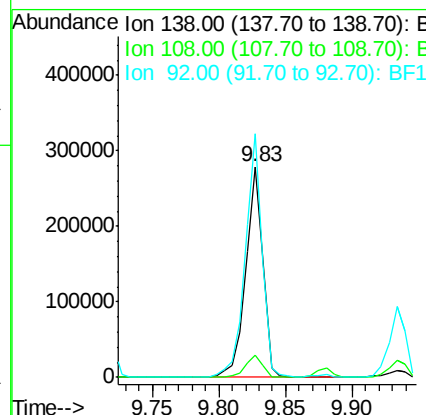
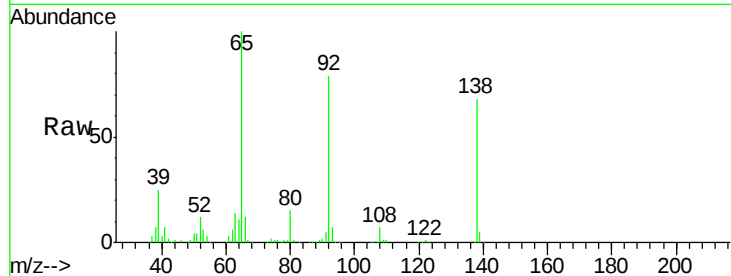
#53
3-Nitroaniline
Concen: 25.493 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	115.6	95.4	143.0

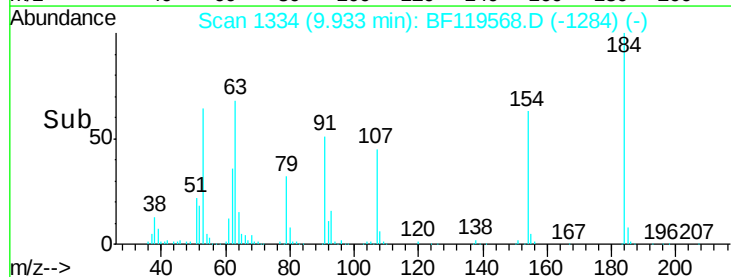
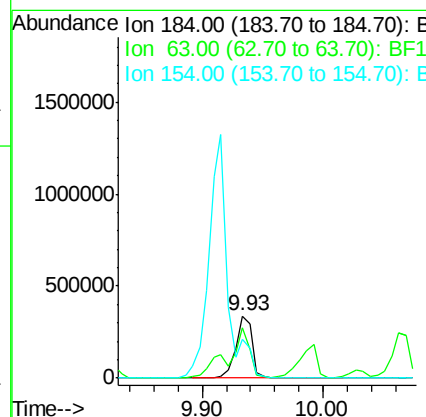
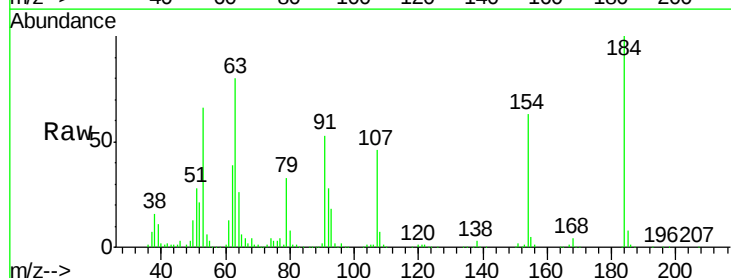
Manual Integrations
APPROVED

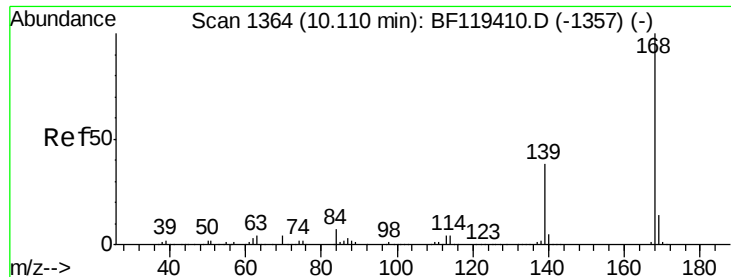
mohammad
3/30/2020 8:51:15 AM



#54
2,4-Dinitrophenol
Concen: 93.402 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.8	50.2	75.4#
154	62.5	44.5	66.7





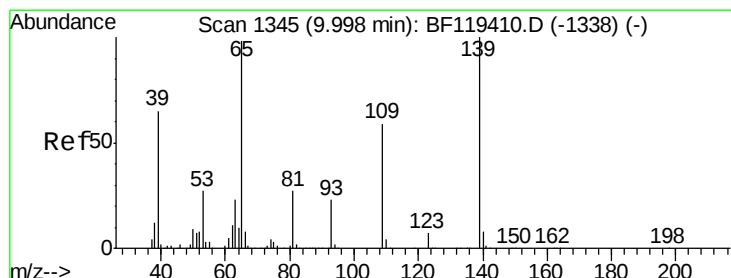
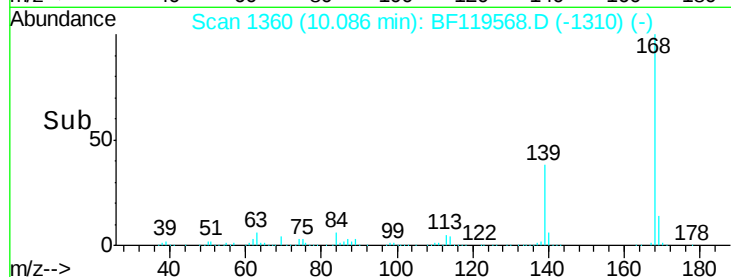
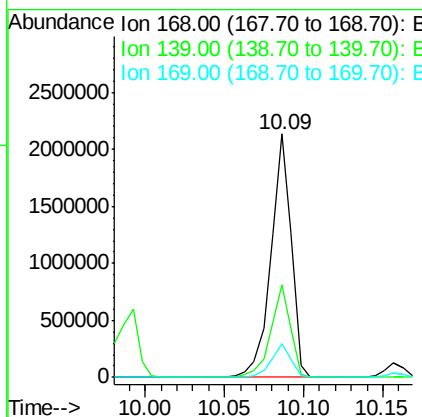
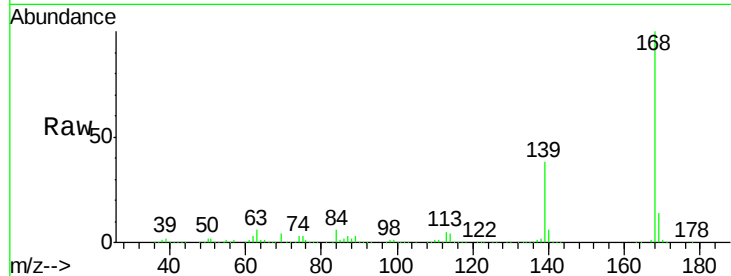
#55
Dibenzofuran
Concen: 41.650 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	14.1	11.0	16.6

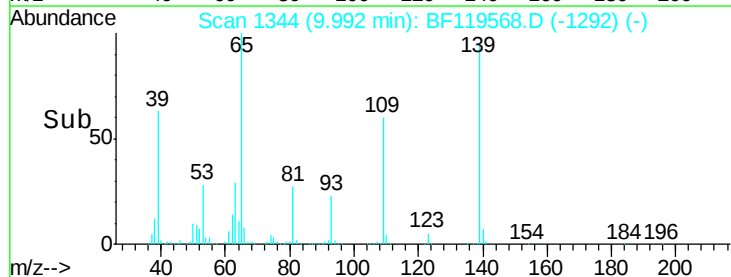
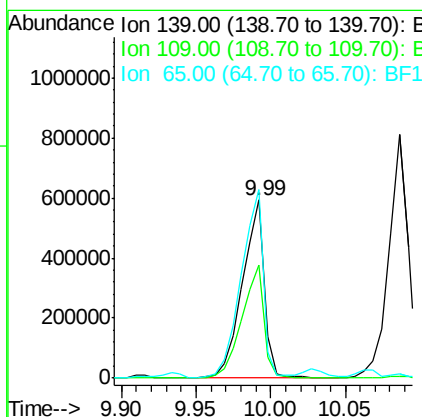
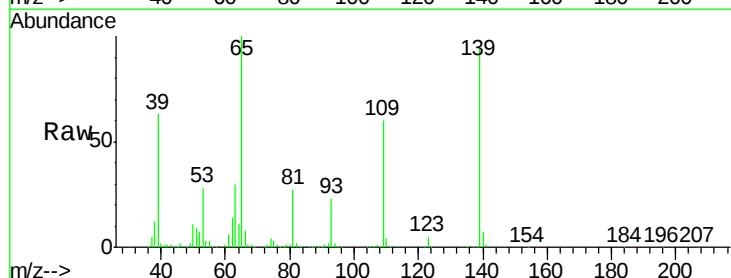
Manual Integrations
APPROVED

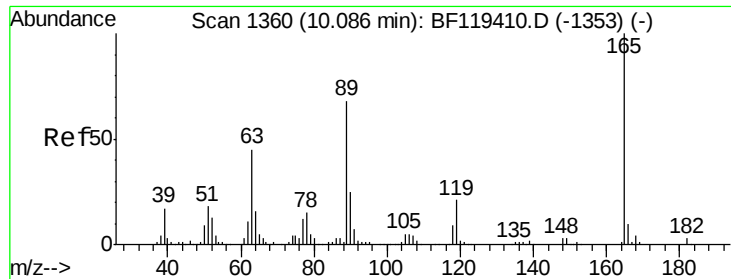
mohammad
3/30/2020 8:51:15 AM



#56
4-Nitrophenol
Concen: 78.227 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	43.3	83.3
65	105.8	91.0	131.0





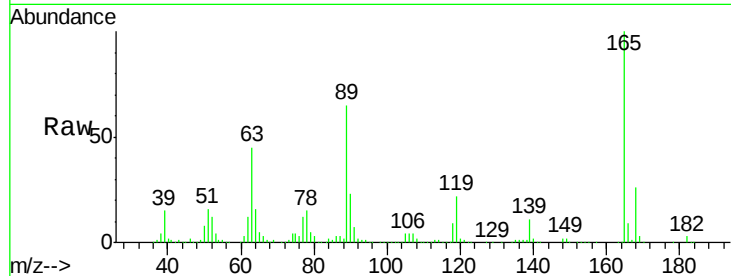
#57
2,4-Dinitrotoluene
Concen: 48.764 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		479614		
63	45.0		42.6	64.0	
89	64.7		61.0	91.4	
182	2.5		2.2	3.2	

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM

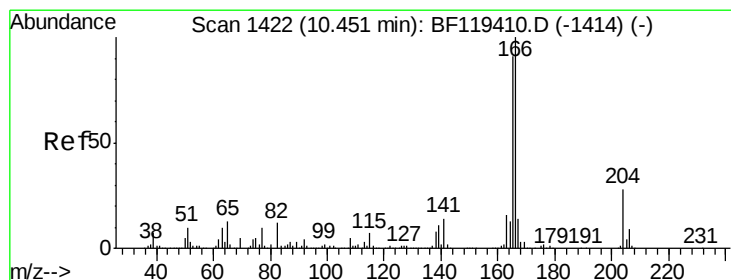
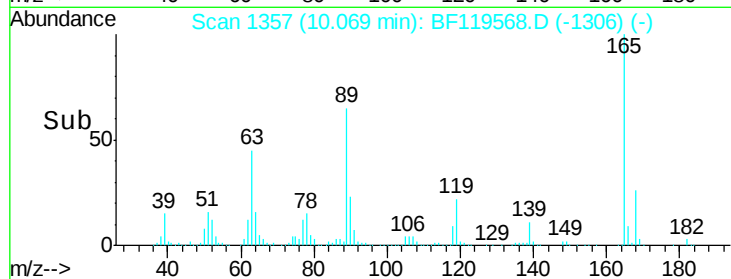
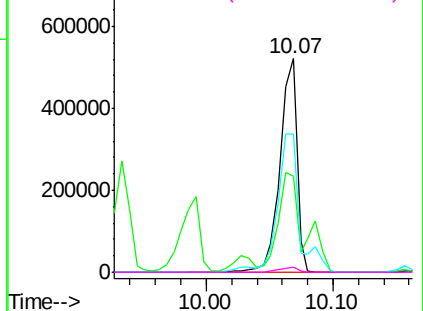


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



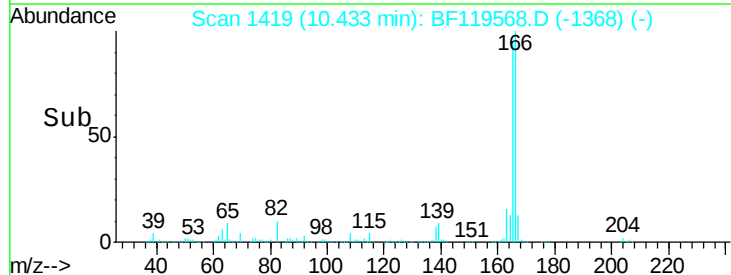
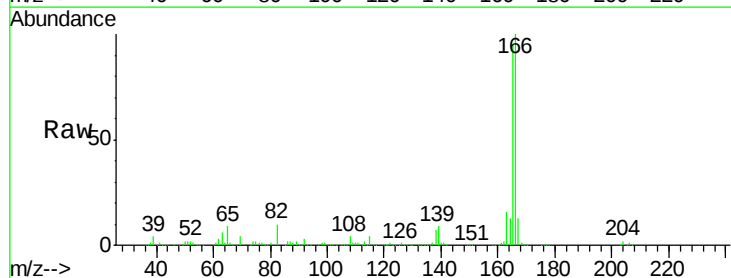
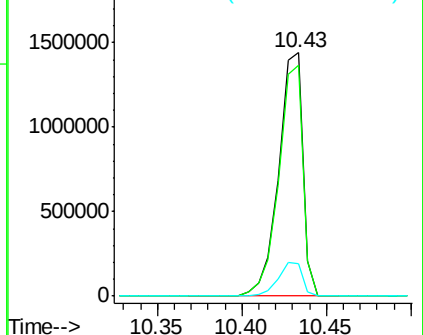
#58
Fluorene
Concen: 42.401 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

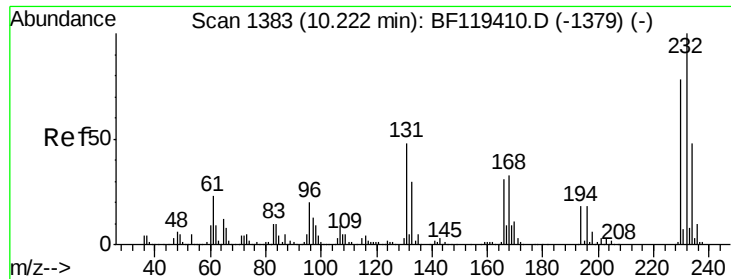
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1439828		
165	95.0		75.4	113.2	
167	13.4		11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





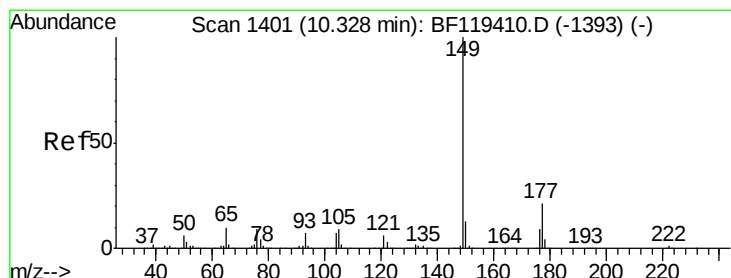
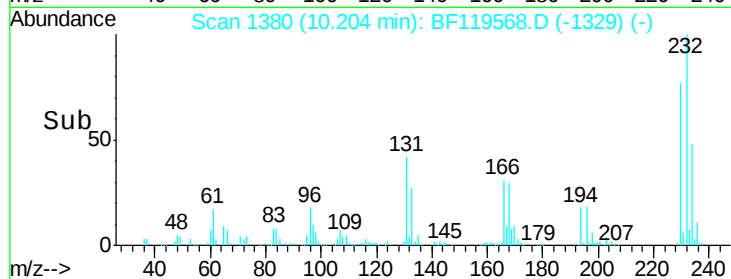
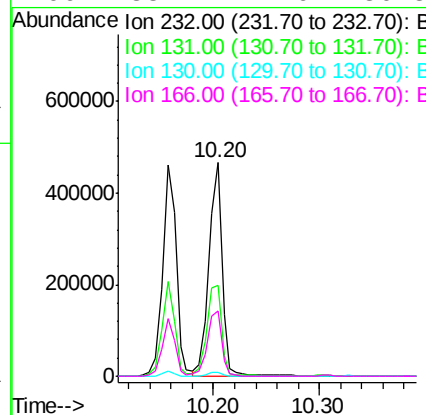
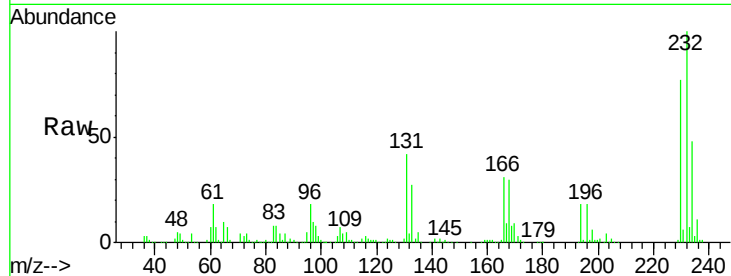
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.150 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	37.5	56.3
130	2.3	1.8	2.6
166	33.2	24.6	36.8

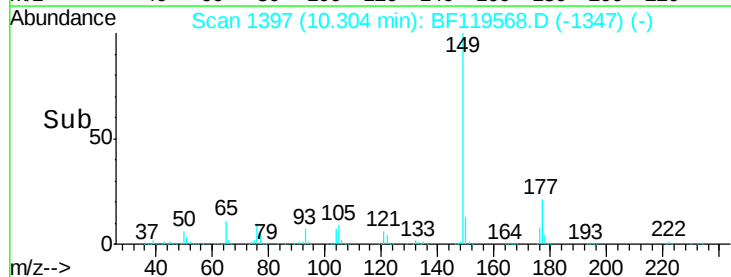
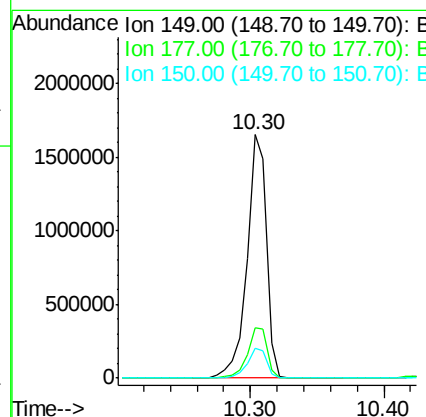
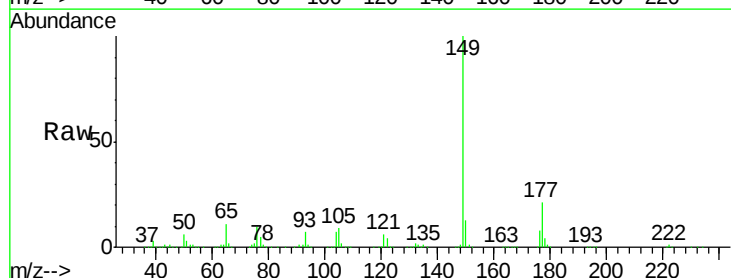
Manual Integrations
 APPROVED

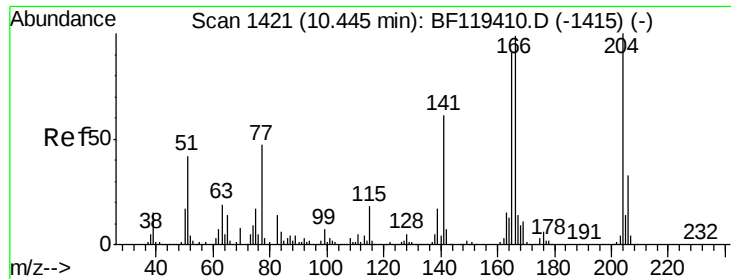
mohammad
 3/30/2020 8:51:15 AM



#60
 Diethylphthalate
 Concen: 44.525 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.0	25.6
150	12.5	10.1	15.1





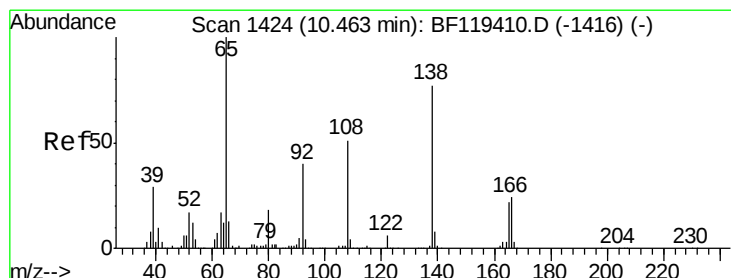
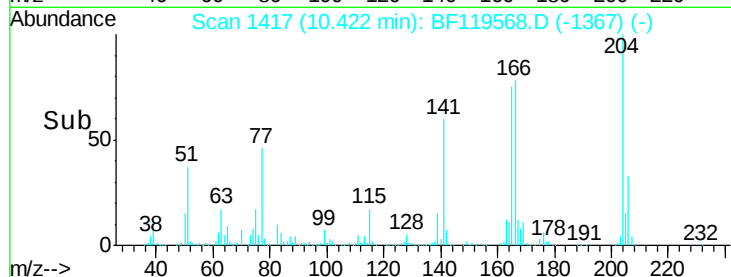
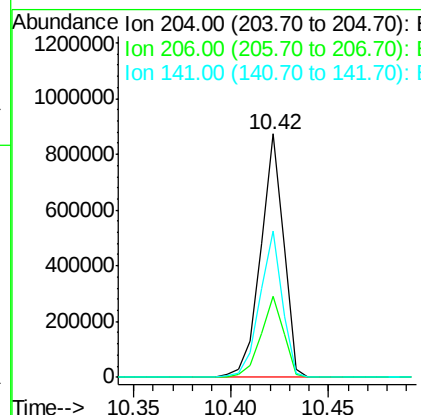
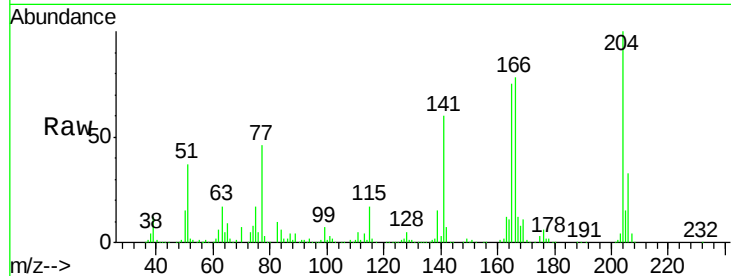
#61
 4-Chlorophenyl-phenylether
 Concen: 42.911 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampled :
 PB127833BS

Tot Ion:	204	Resp:	712570
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.7	40.1
141	59.9	47.3	70.9

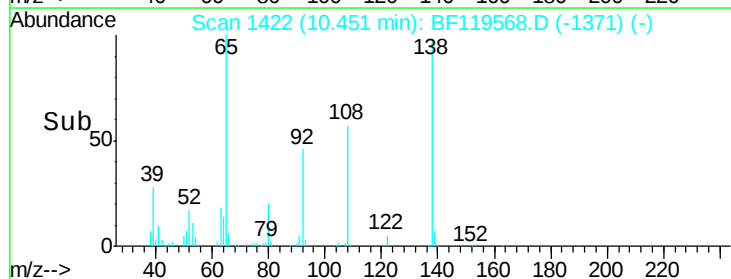
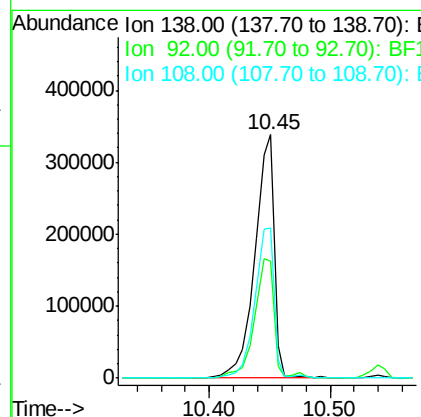
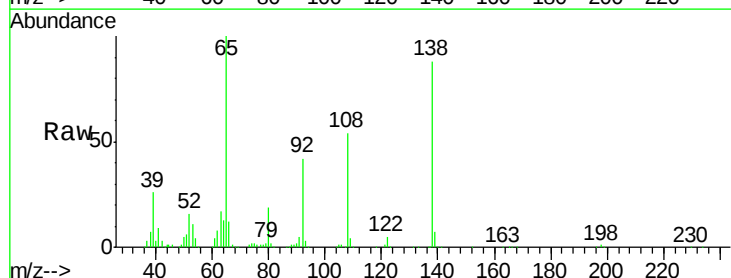
Manual Integrations
 APPROVED

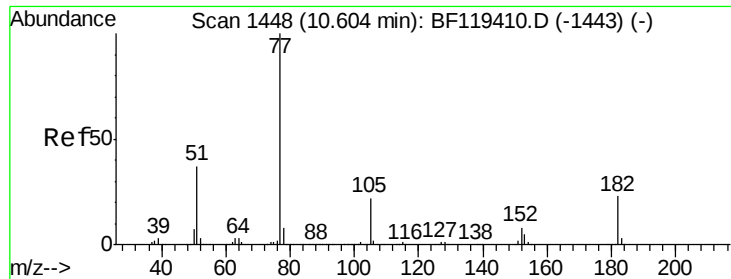
mohammad
 3/30/2020 8:51:15 AM



#62
 4-Nitroaniline
 Concen: 40.266 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion:	138	Resp:	380598
Ion Ratio	Lower	Upper	
138	100		
92	47.9	31.5	71.5
108	61.4	45.8	85.8





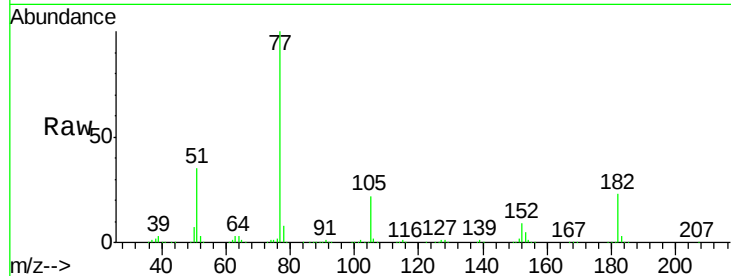
#63
Azobenzene
Concen: 41.877 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	4.4	44.4	
105	22.3	2.6	42.6	
51	34.7	15.1	55.1	

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



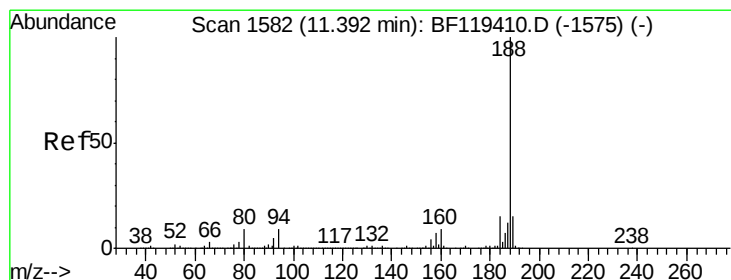
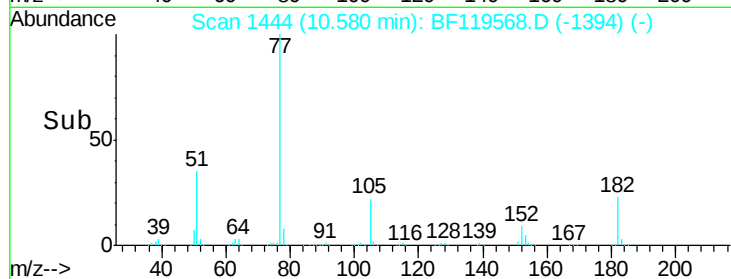
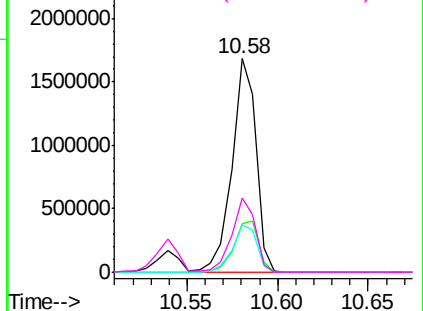
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

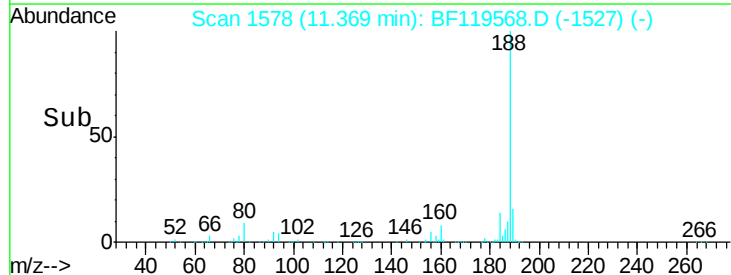
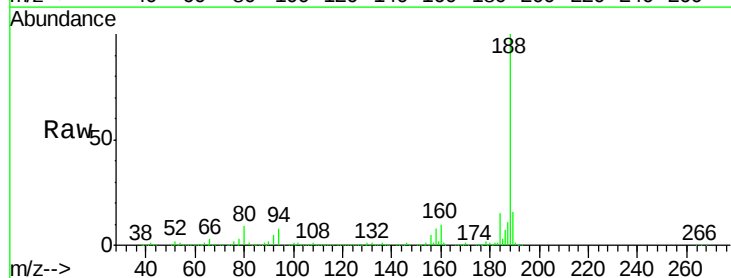
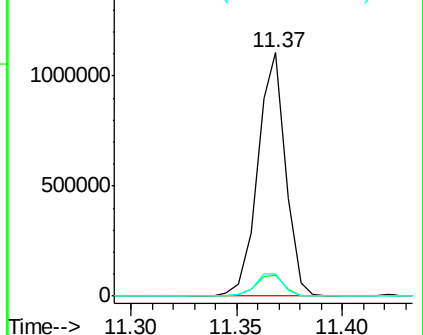
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.5	11.3	
80	9.1	9.0	13.4	

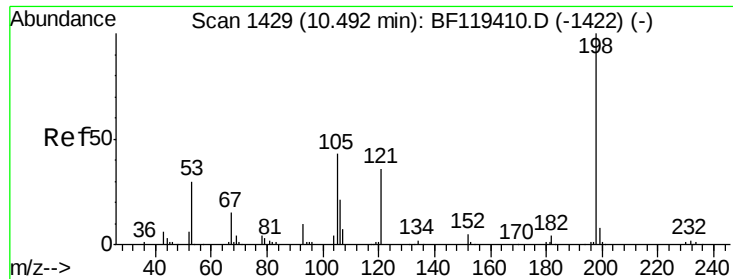
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 53.077 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

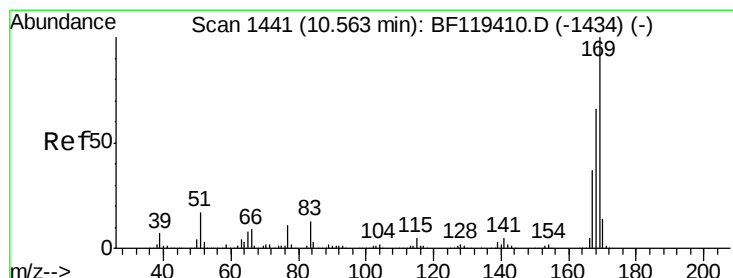
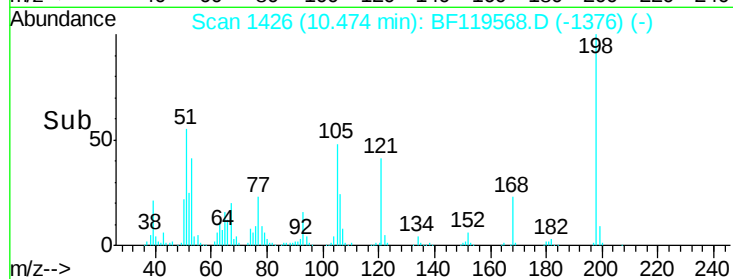
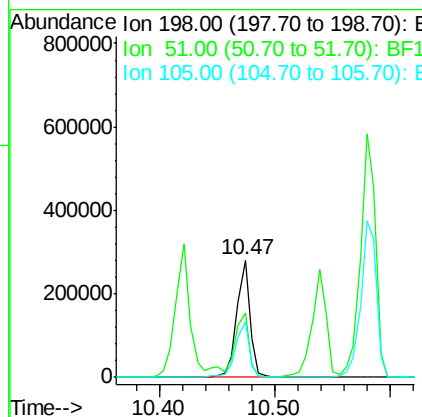
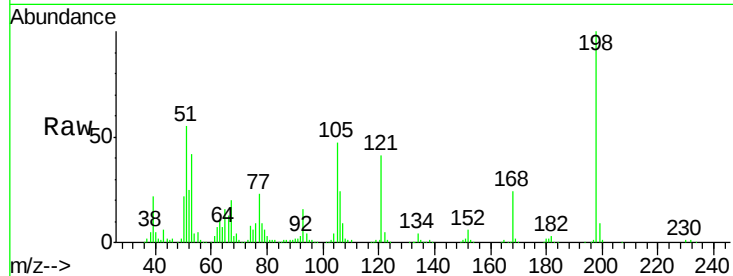
ClientSampled :

PB127833BS

Tot Ion:	198	Resp:	225664
Ion Ratio	Lower	Upper	
198	100		
51	54.5	29.0	69.0
105	47.4	22.2	62.2

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



#66

n-Nitrosodiphenylamine

Concen: 40.416 ng

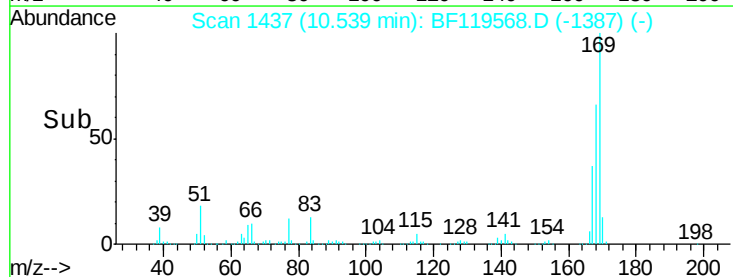
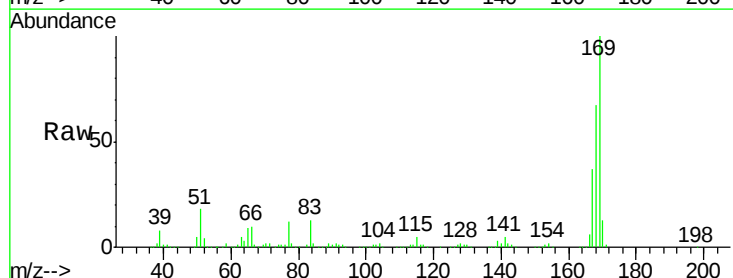
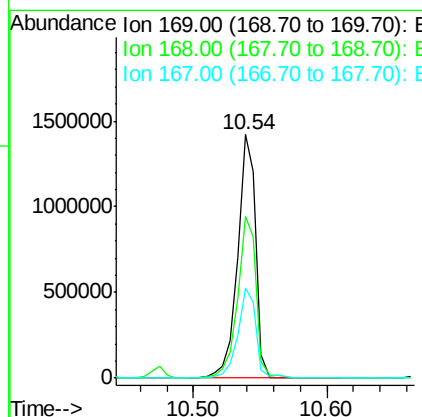
RT: 10.54 min Scan# 1437

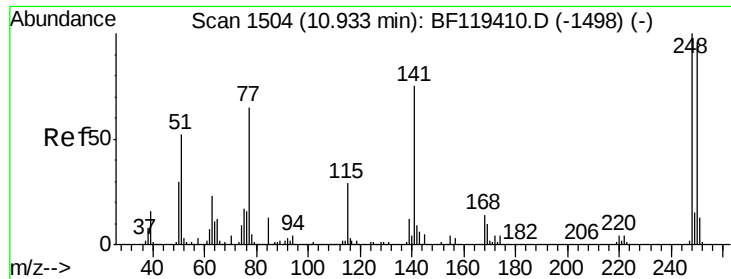
Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Tgt Ion:	169	Resp:	1345278
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.2	79.8
167	37.0	29.1	43.7





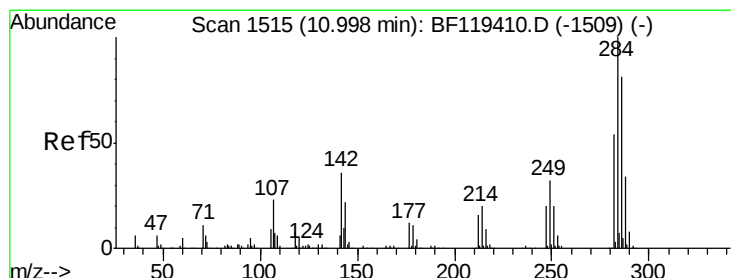
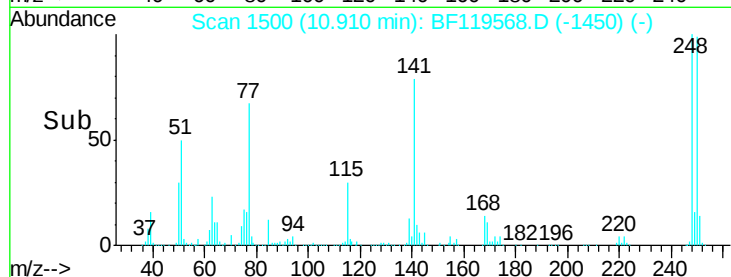
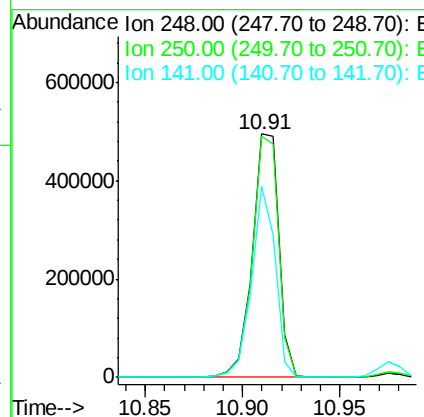
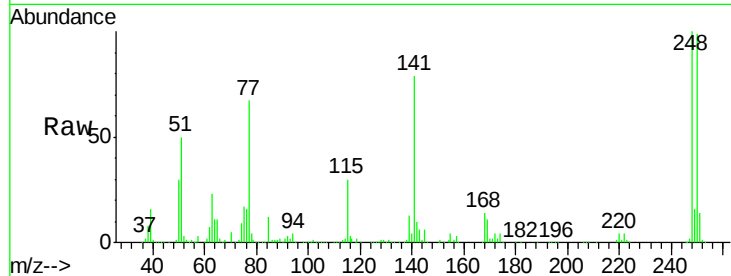
#67
 4-Bromophenyl-phenylether
 Concen: 40.397 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.3	115.9
141	78.6	58.6	87.8

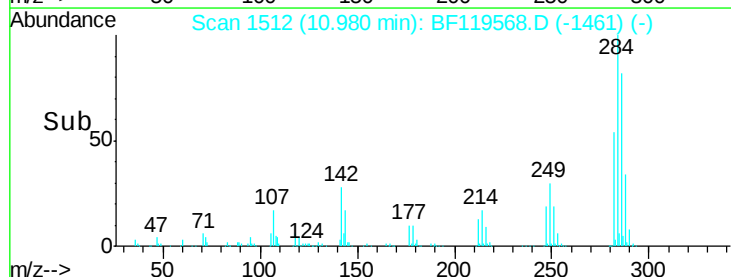
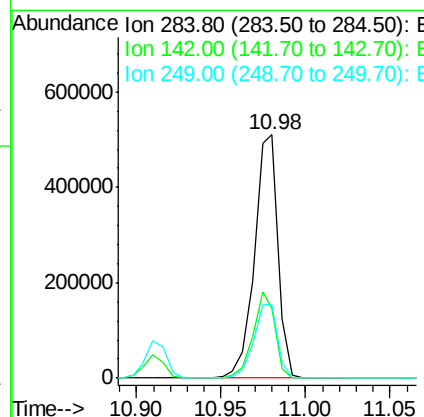
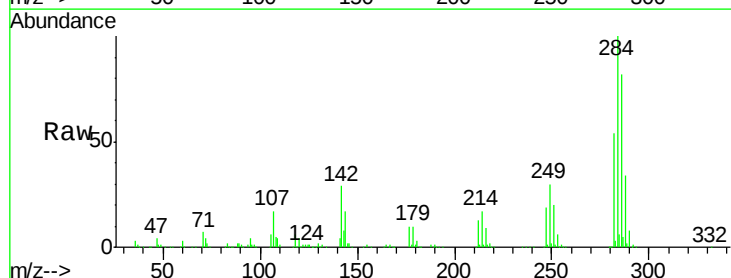
Manual Integrations
 APPROVED

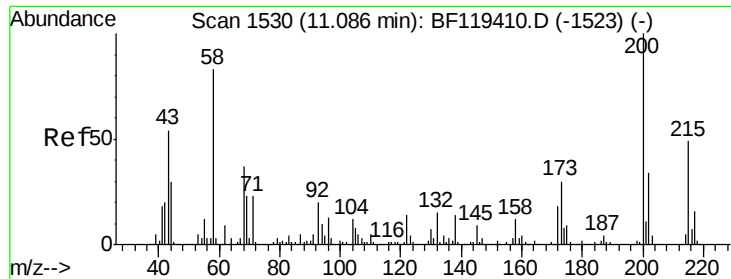
mohammad
 3/30/2020 8:51:15 AM



#68
 Hexachlorobenzene
 Concen: 41.975 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	29.2	43.8#
249	30.2	25.1	37.7





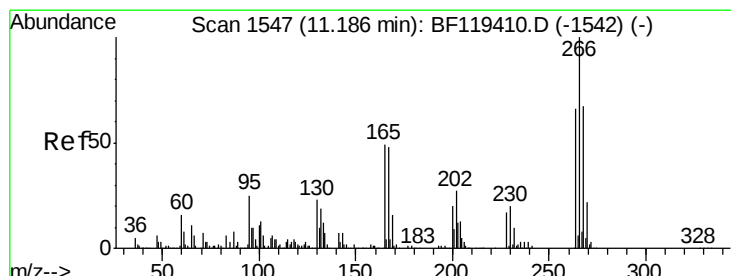
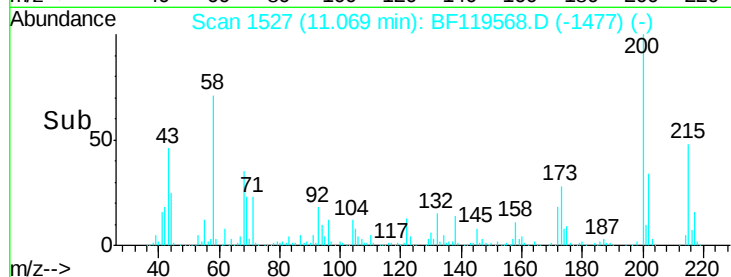
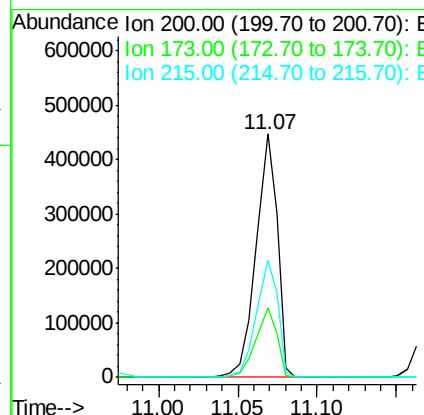
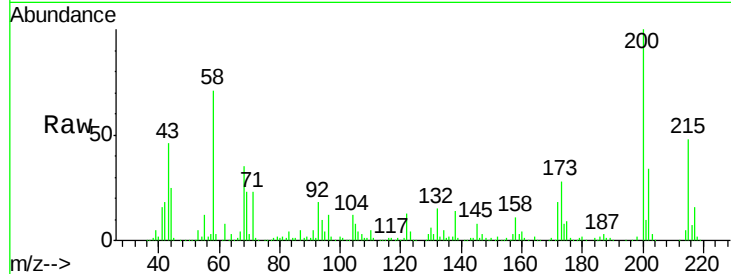
#69
 Atrazine
 Concen: 45.763 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.3	49.3
215	48.0	29.5	69.5

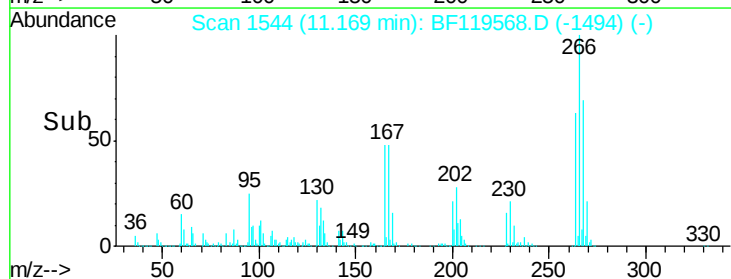
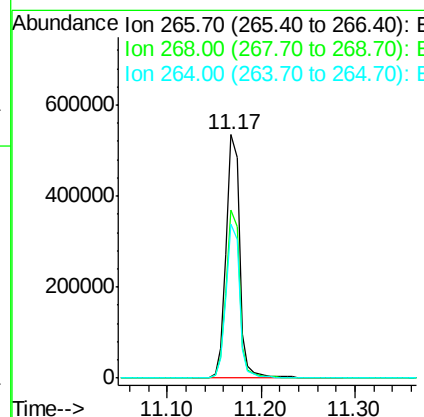
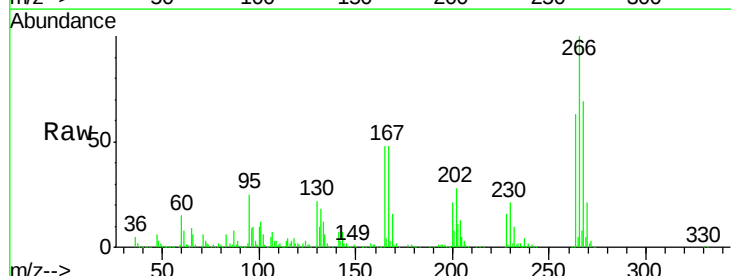
Manual Integrations
 APPROVED

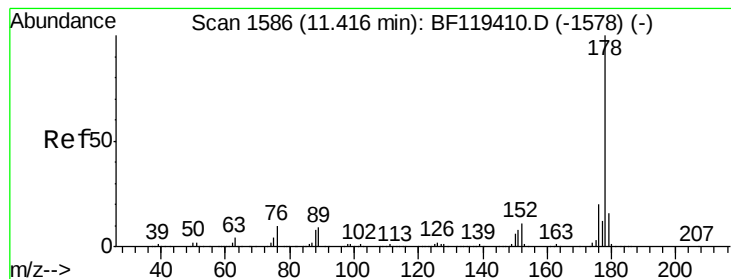
mohammad
 3/30/2020 8:51:15 AM



#70
 Pentachlorophenol
 Concen: 79.017 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.3	53.3	79.9
264	63.2	49.0	73.4





#71

Phenanthrene

Concen: 40.322 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127833BS

Tot Ion:178 Resp: 2119902

Ion Ratio Lower Upper

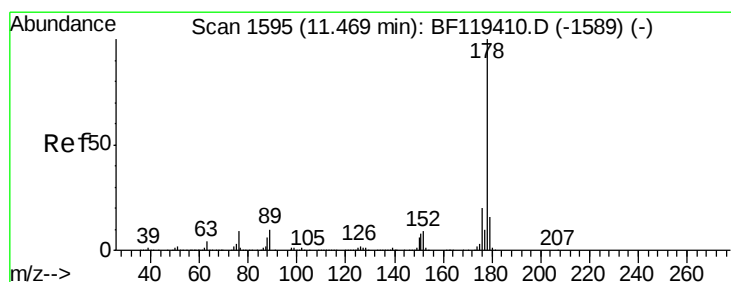
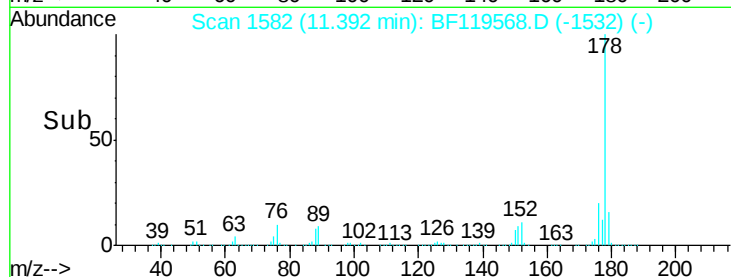
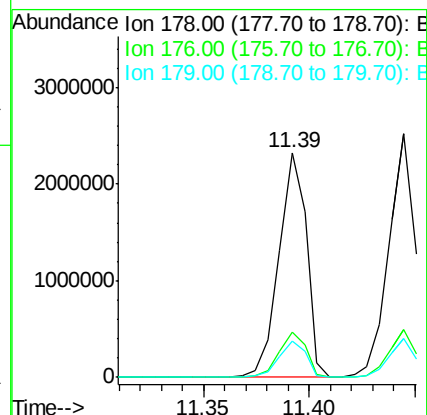
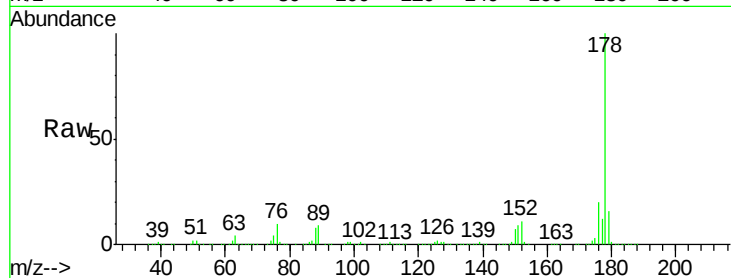
178 100

176 20.2 16.2 24.4

179 16.0 13.2 19.8

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



#72

Anthracene

Concen: 40.880 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

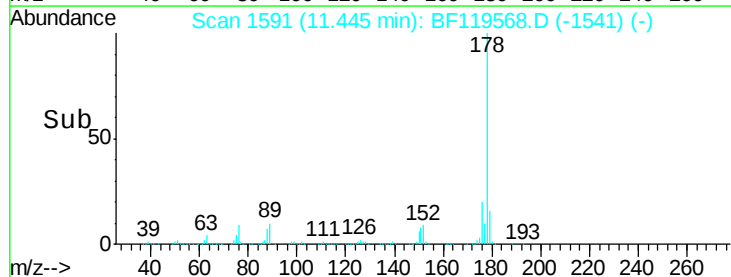
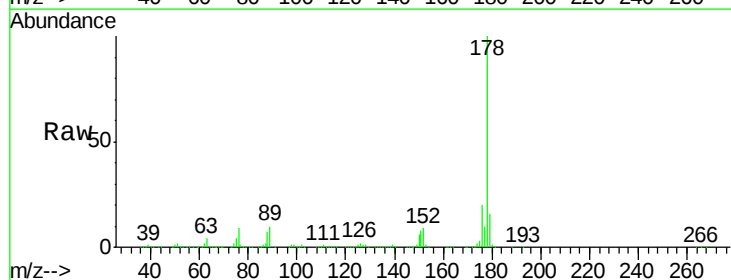
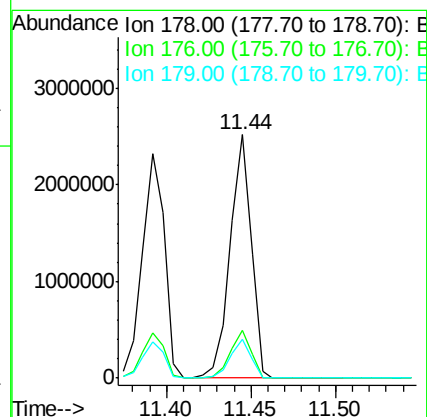
Tgt Ion:178 Resp: 2184380

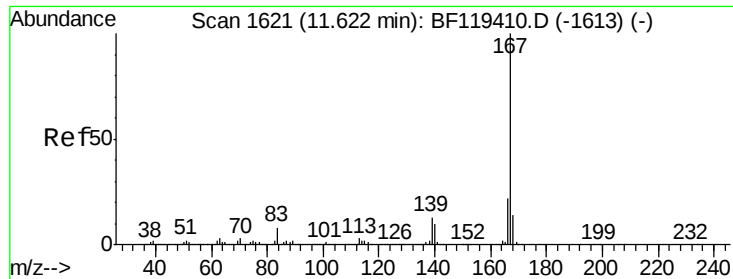
Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

179 16.0 13.0 19.4





#73

Carbazole

Concen: 38.095 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127833BS

Tot Ion:167 Resp: 2014788

Ion Ratio Lower Upper

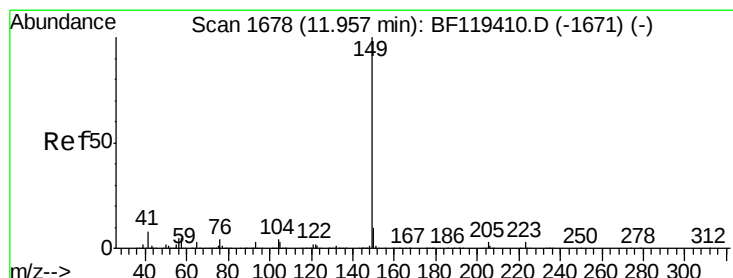
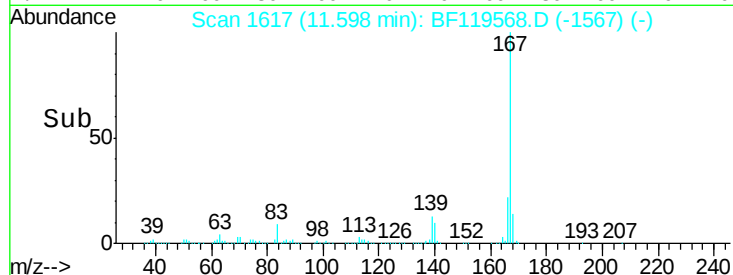
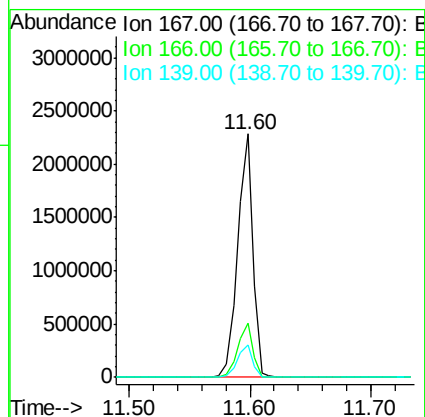
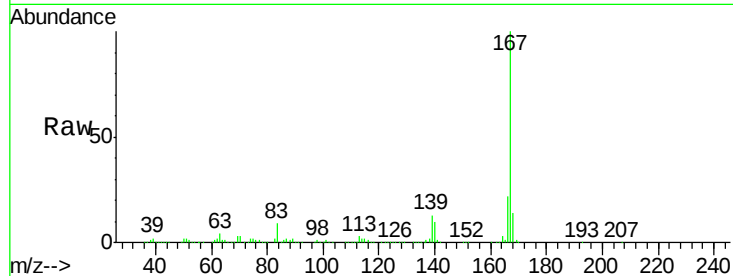
167 100

166 22.3 18.2 27.4

139 13.4 10.7 16.1

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



#74

Di-n-butylphthalate

Concen: 45.130 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

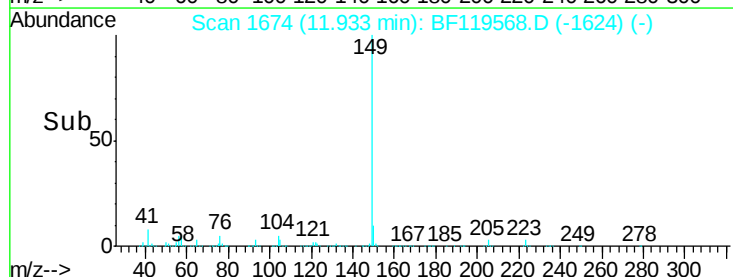
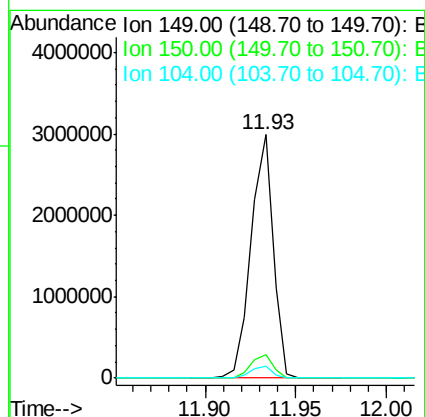
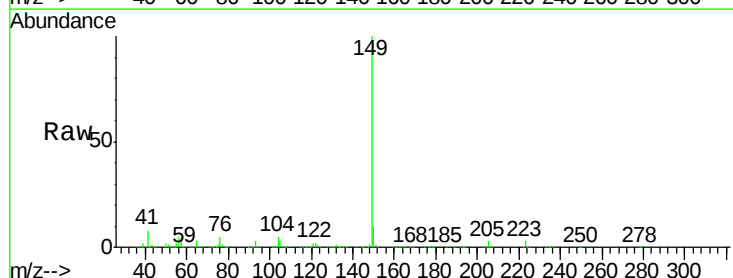
Tgt Ion:149 Resp: 2553314

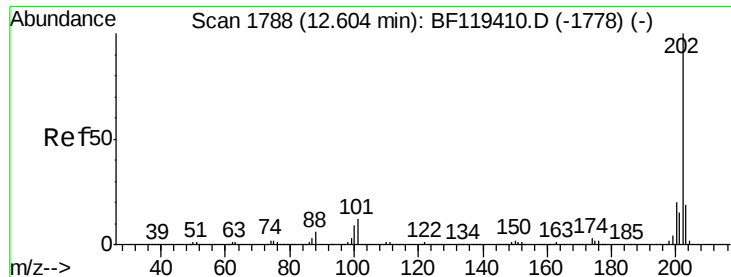
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 40.420 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127833BS

Tot Ion:202 Resp: 2299819

Ion Ratio Lower Upper

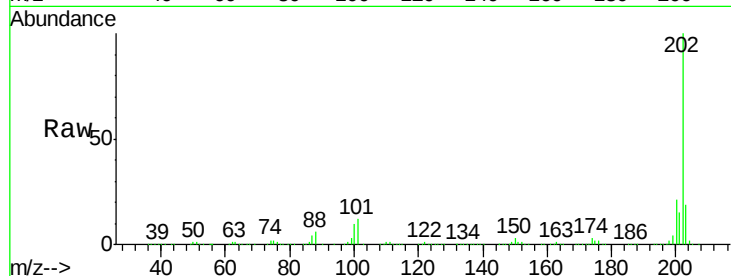
202 100

101 12.4 0.0 32.2

203 18.5 0.0 38.8

Manual Integrations
APPROVED

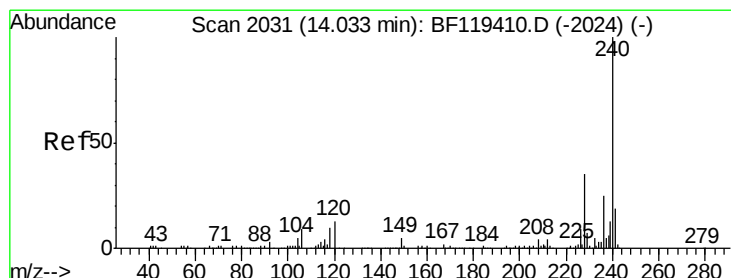
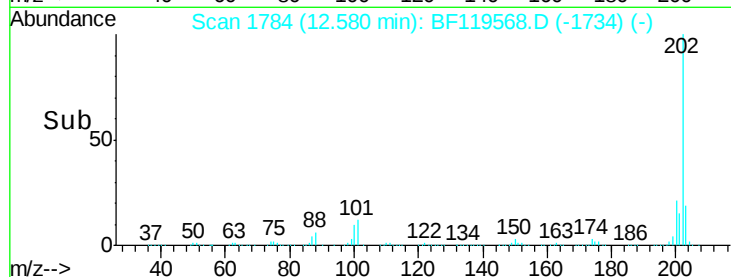
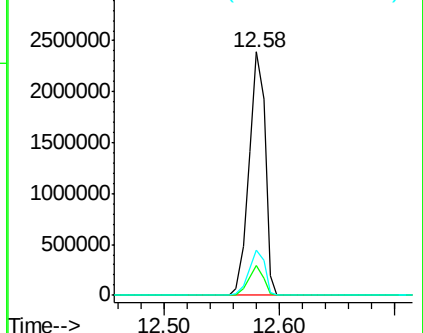
mohammad
3/30/2020 8:51:15 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

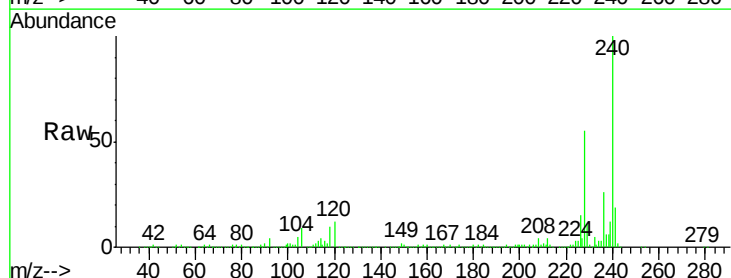
Tgt Ion:240 Resp: 718639

Ion Ratio Lower Upper

240 100

120 11.8 10.6 15.8

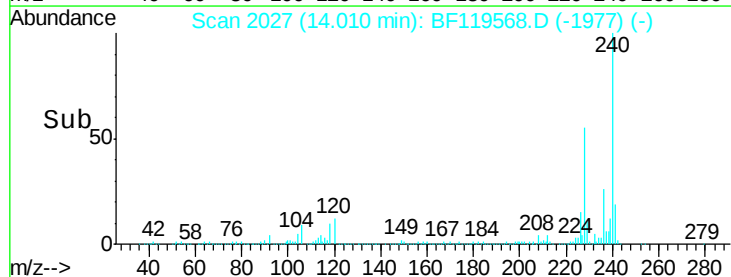
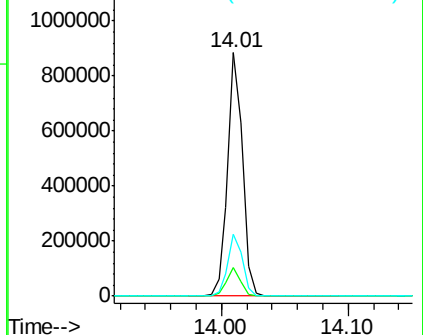
236 25.5 20.2 30.2

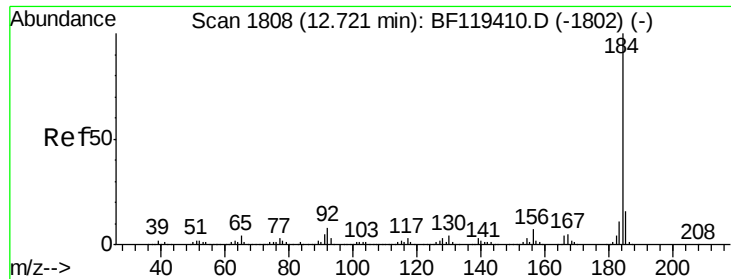


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.874 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB127833BS

Tot Ion:184 Resp: 1121446

Ion Ratio Lower Upper

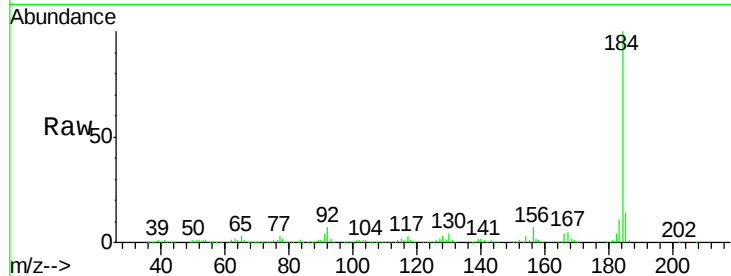
184 100

185 14.3 12.3 18.5

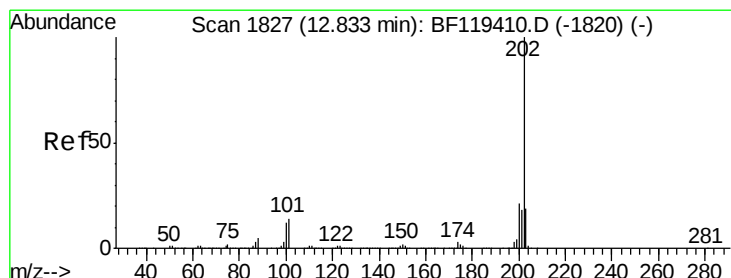
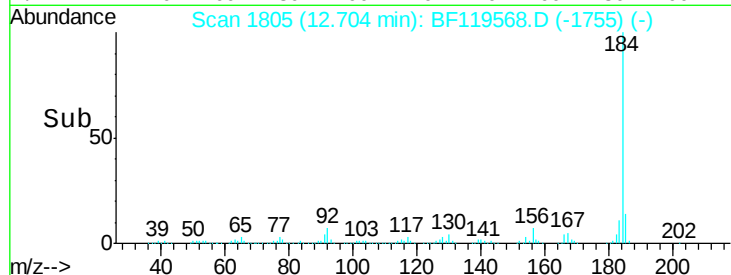
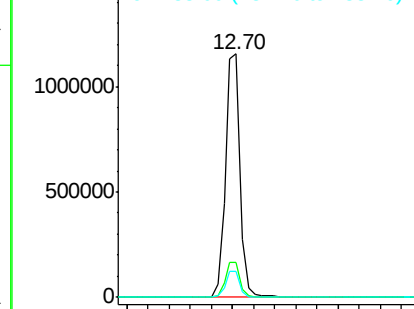
183 10.8 9.0 13.6

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 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: 40.029 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119568.D

Acq: 27 Mar 2020 14:56

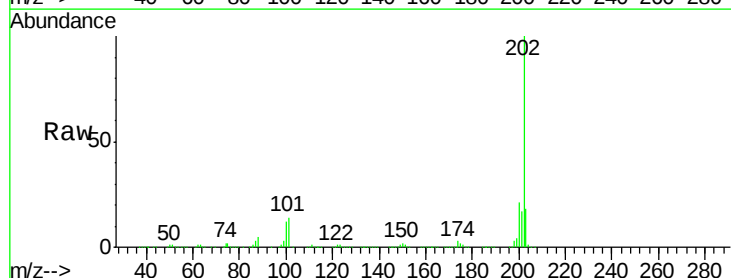
Tgt Ion:202 Resp: 2360813

Ion Ratio Lower Upper

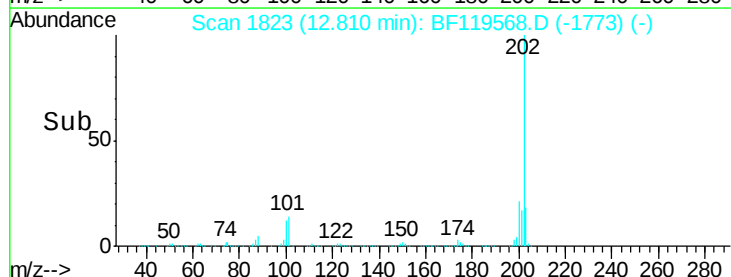
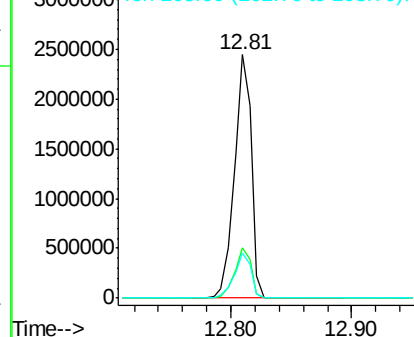
202 100

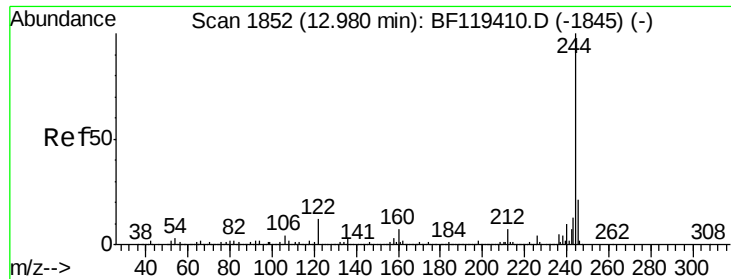
200 20.6 16.8 25.2

203 18.4 15.1 22.7



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





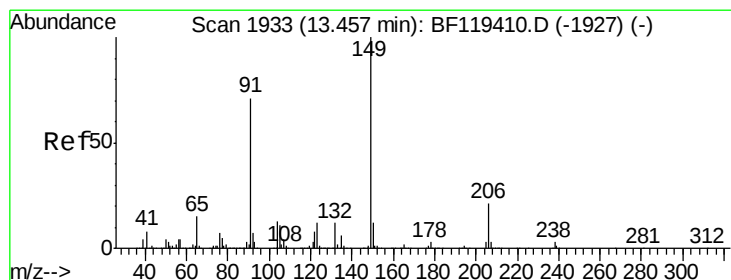
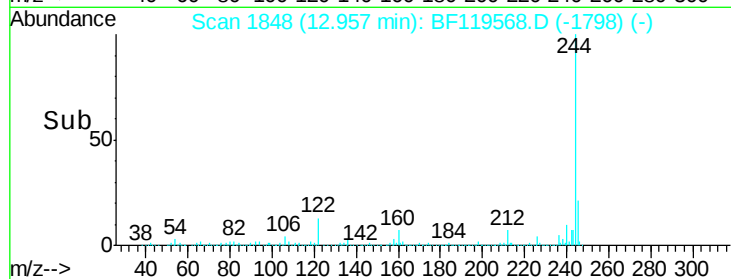
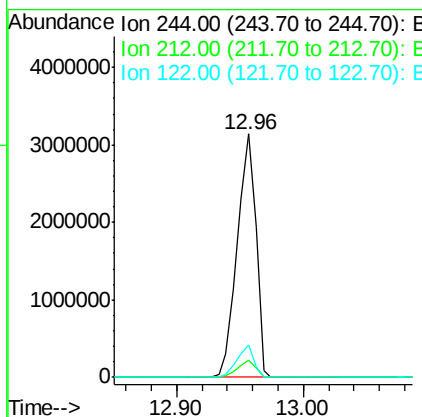
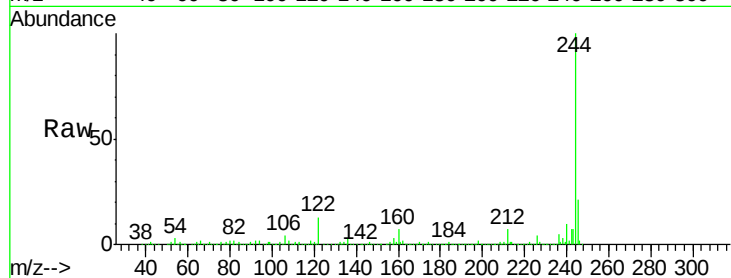
#79
 Terphenyl-d14
 Concen: 86.489 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BS

Tot Ion:244 Resp: 3172398
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.3 10.3 15.5

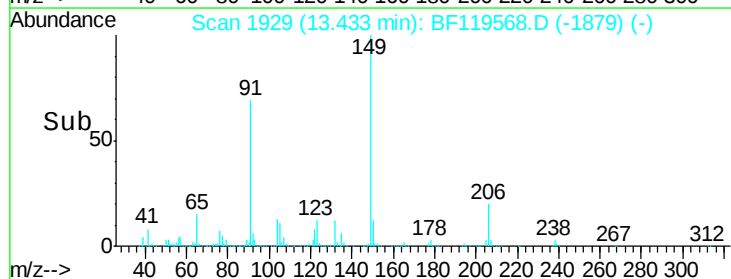
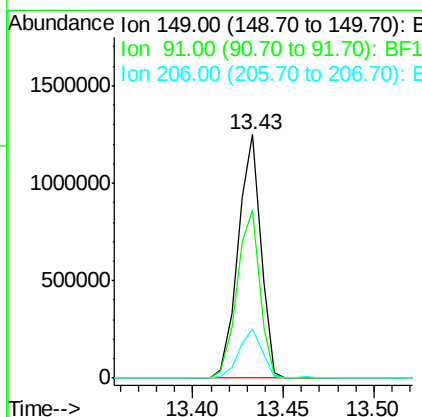
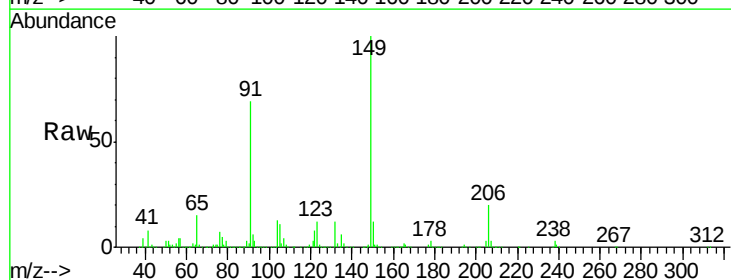
Manual Integrations
 APPROVED

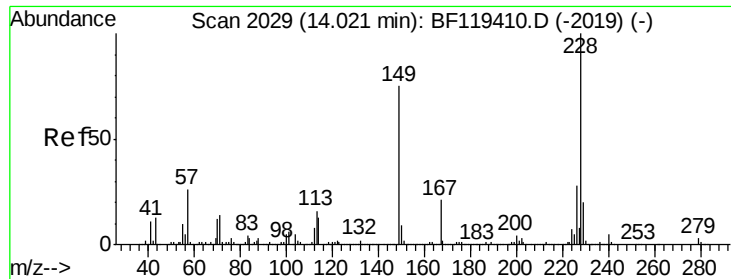
mohammad
 3/30/2020 8:51:15 AM



#80
 Butylbenzylphthalate
 Concen: 45.513 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF119568.D
 Acq: 27 Mar 2020 14:56

Tgt Ion:149 Resp: 1085676
 Ion Ratio Lower Upper
 149 100
 91 69.1 54.7 82.1
 206 20.1 16.2 24.2





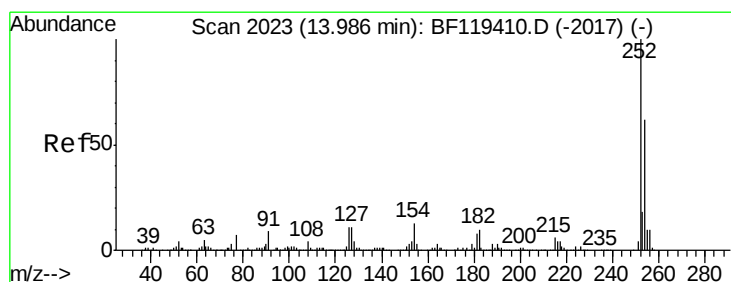
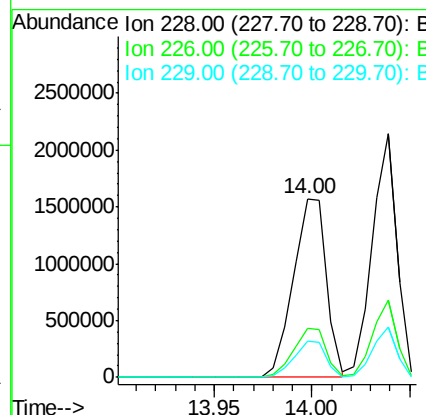
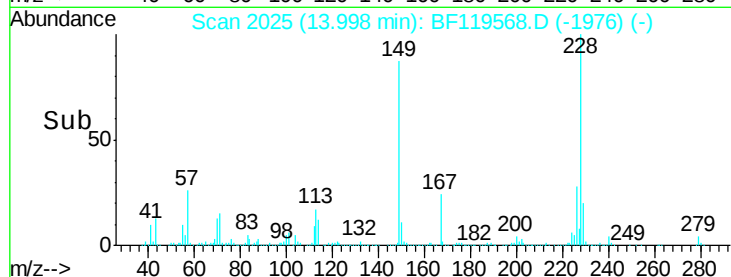
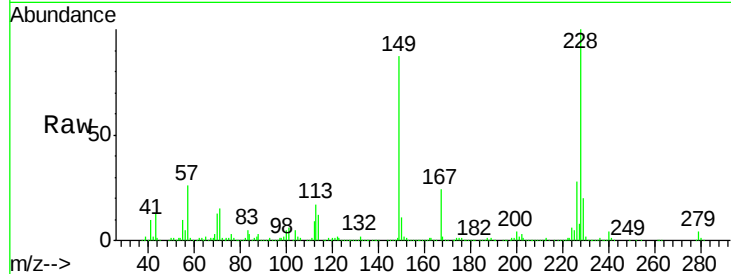
#81
Benzo(a)anthracene
Concen: 39.453 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion:228 Resp: 1843737
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.3 16.2 24.4

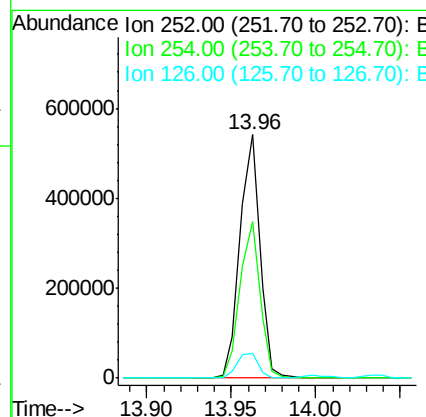
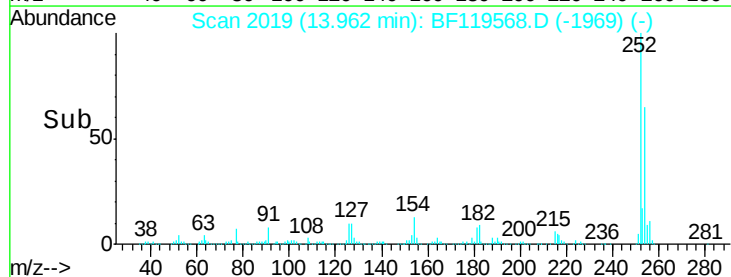
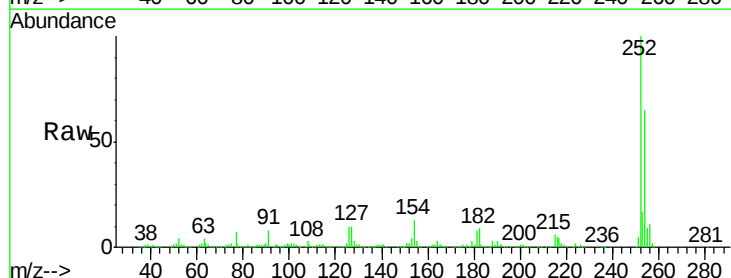
Manual Integrations
APPROVED

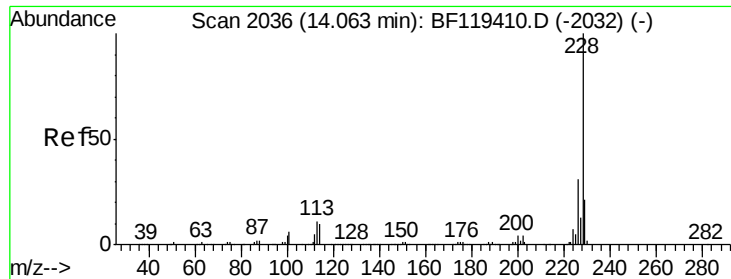
mohammad
3/30/2020 8:51:15 AM



#82
3,3'-Dichlorobenzidine
Concen: 24.247 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion:252 Resp: 446764
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 10.1 9.6 14.4





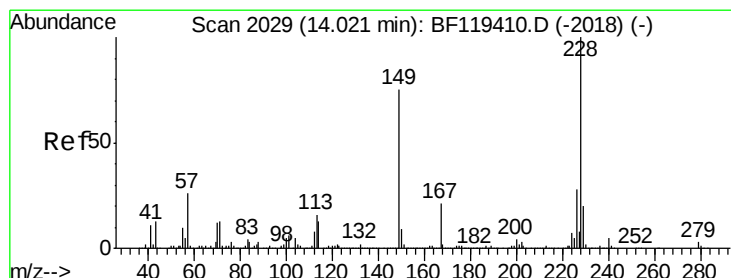
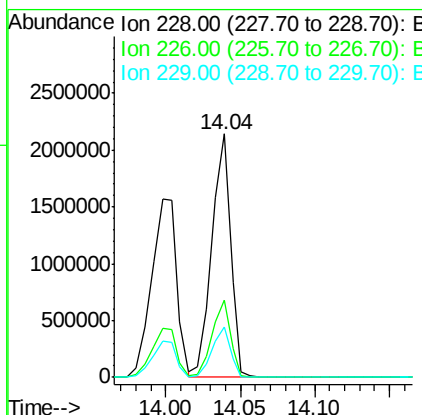
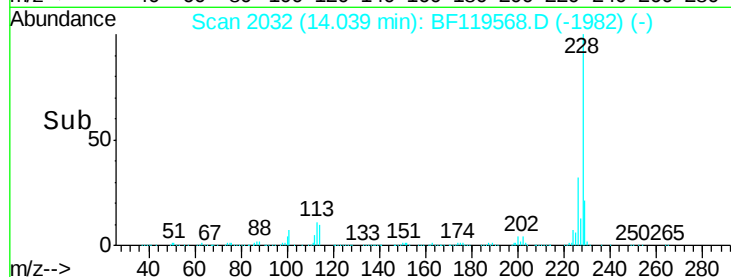
#83
Chrysene
Concen: 38.893 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion:228 Resp: 1875785
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.0
229 20.7 16.6 24.8

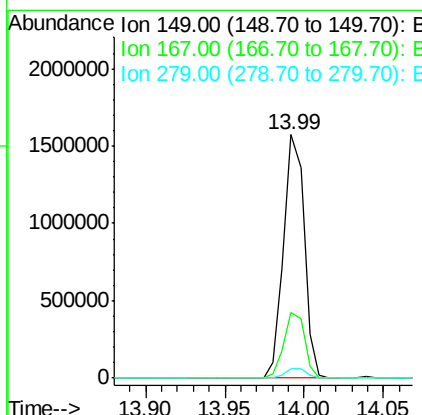
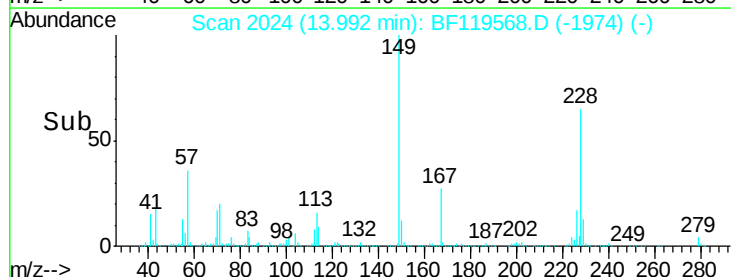
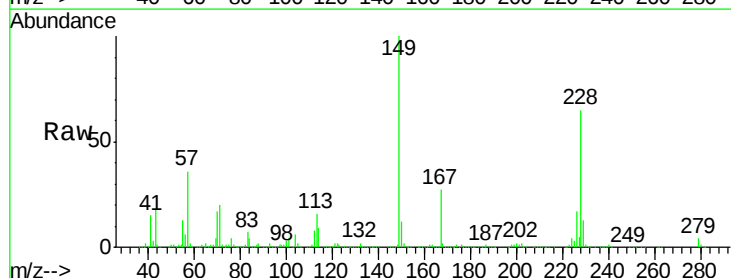
Manual Integrations
APPROVED

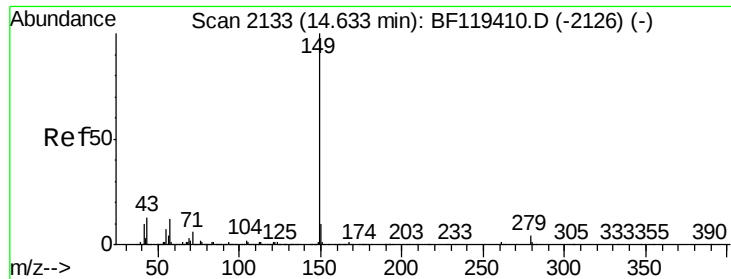
mohammad
3/30/2020 8:51:15 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.373 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion:149 Resp: 1432412
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.6 2.7 4.1





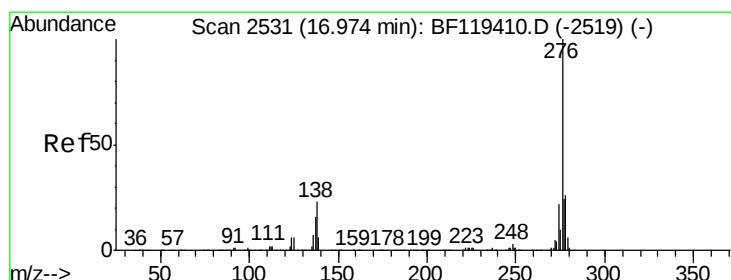
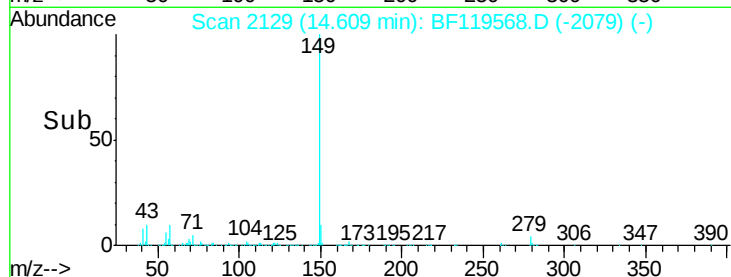
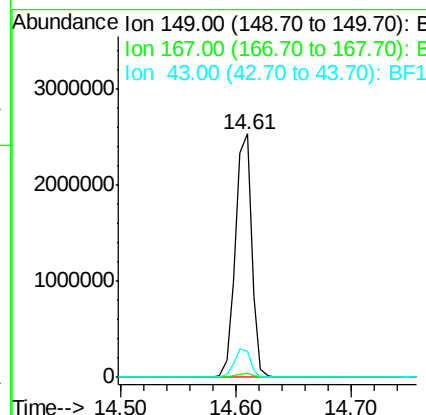
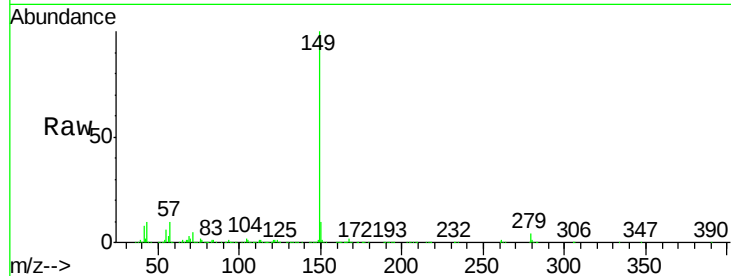
#85
Di-n-octyl phthalate
Concen: 49.541 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	9.3	13.9

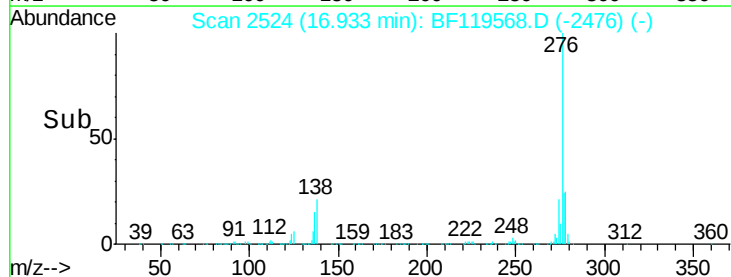
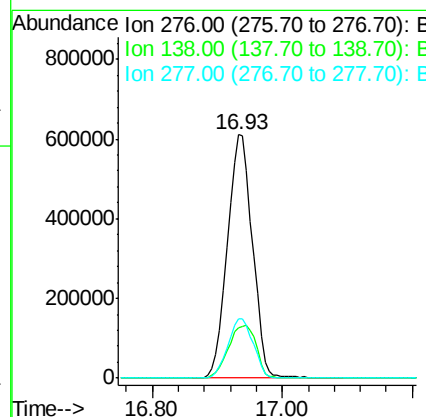
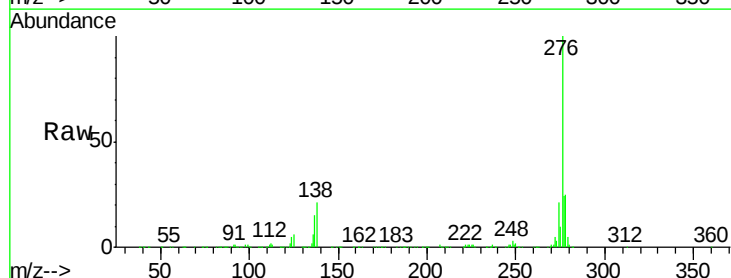
Manual Integrations
APPROVED

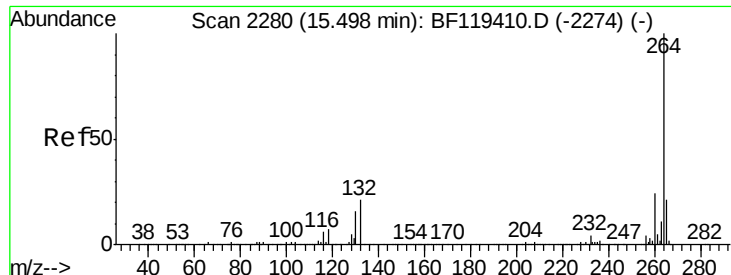
mohammad
3/30/2020 8:51:15 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.880 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	24.9	20.0	30.0





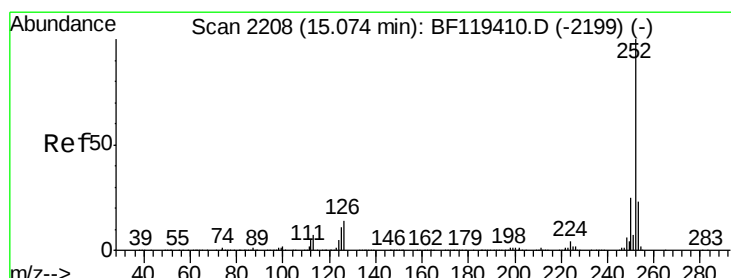
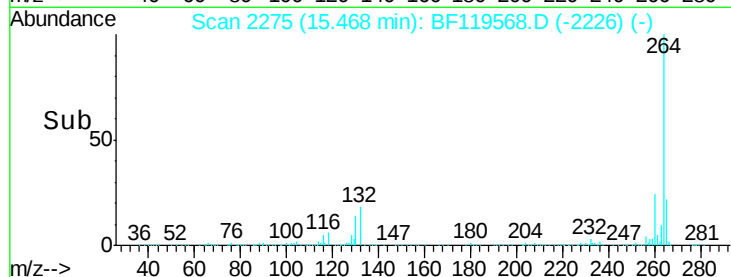
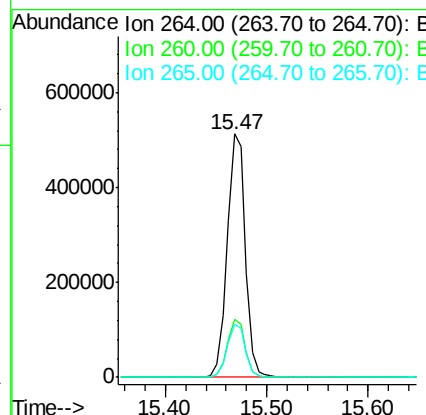
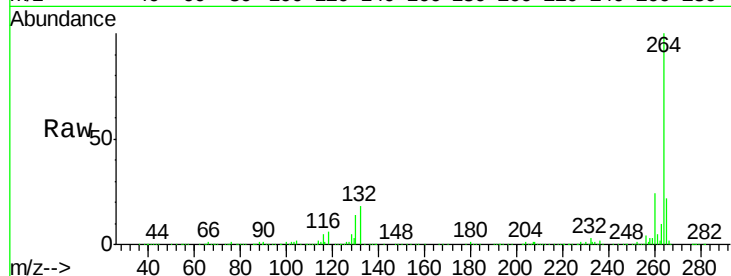
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	17.7	26.5

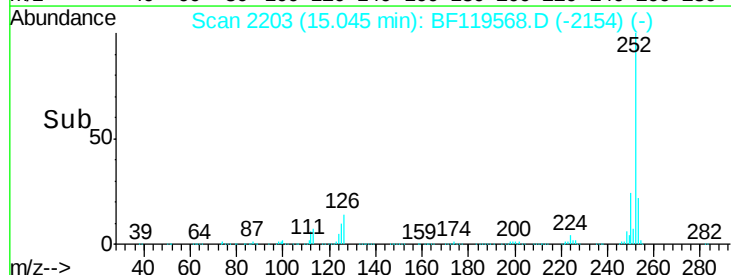
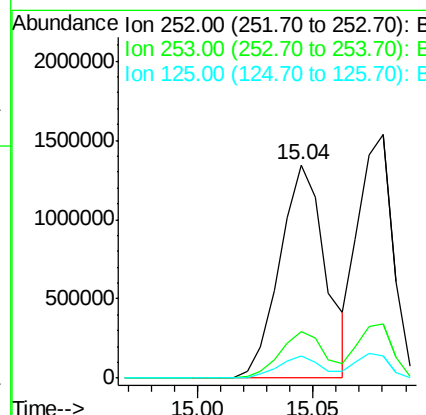
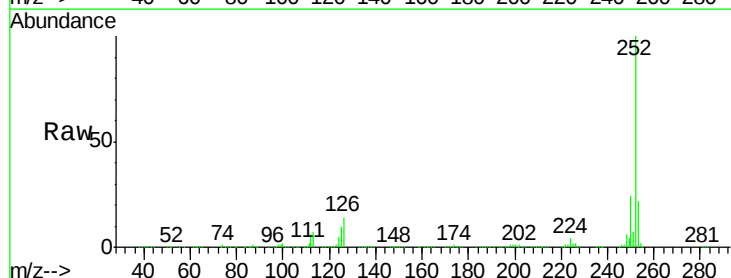
Manual Integrations
APPROVED

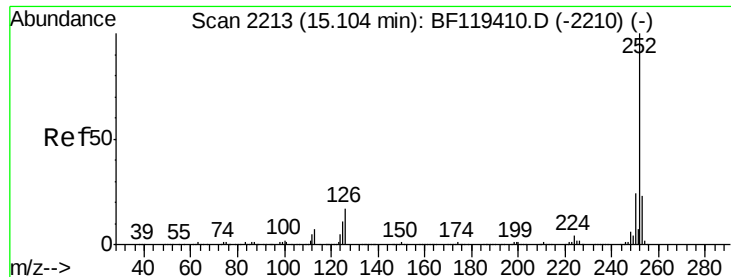
mohammad
3/30/2020 8:51:15 AM



#88
Benzo(b)fluoranthene
Concen: 43.774 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.3	7.9	11.9





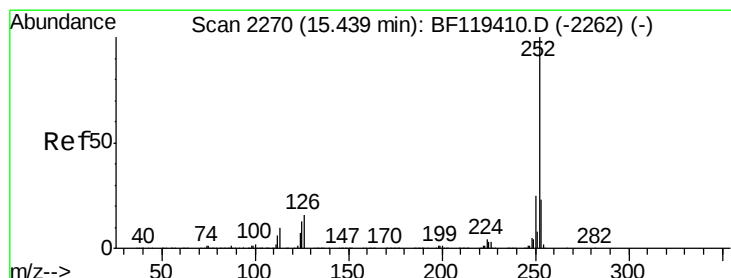
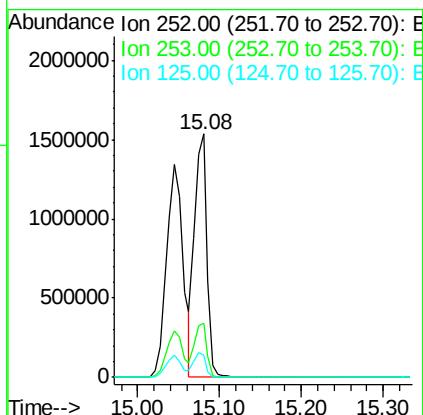
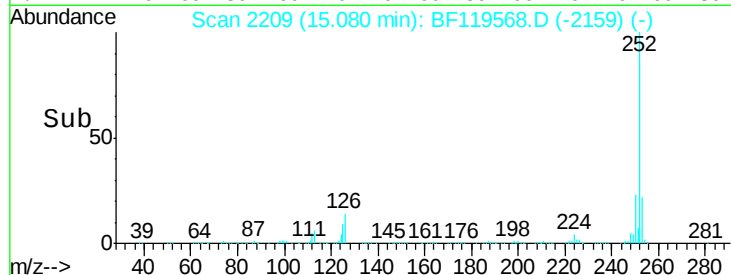
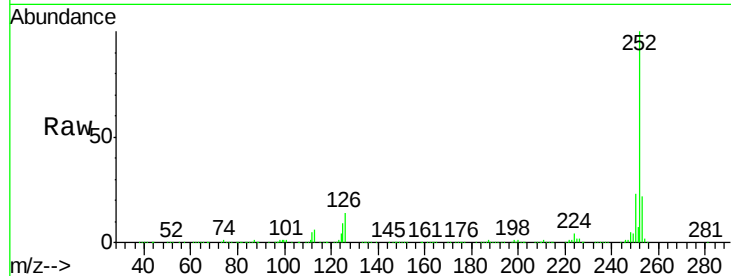
#89
Benzo(k)fluoranthene
Concen: 40.112 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB127833BS

Tot Ion:252 Resp: 1613332
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.1 8.4 12.6

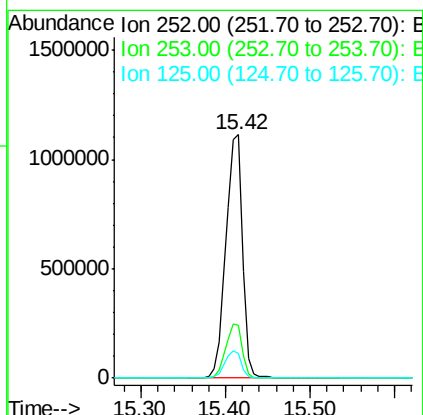
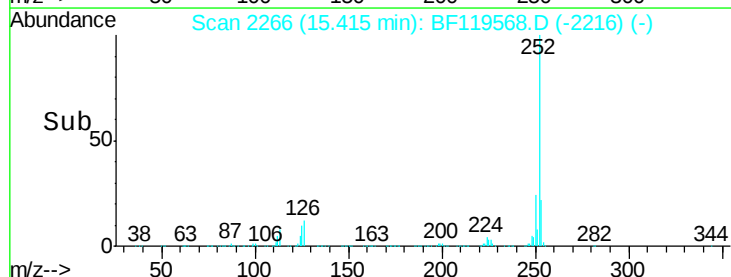
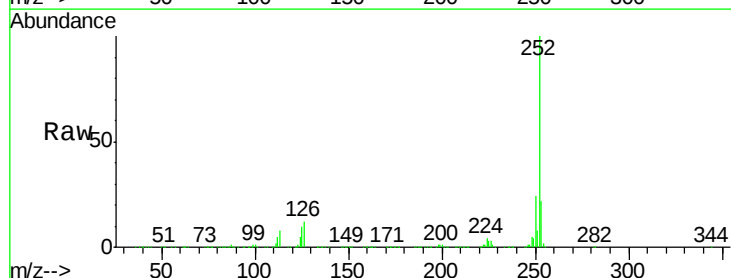
Manual Integrations
APPROVED

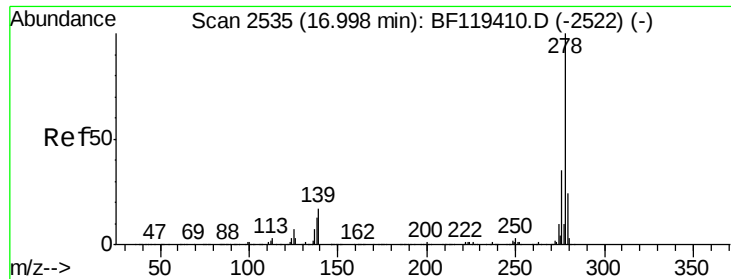
mohammad
3/30/2020 8:51:15 AM



#90
Benzo(a)pyrene
Concen: 39.392 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion:252 Resp: 1512126
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 9.9 9.4 14.2





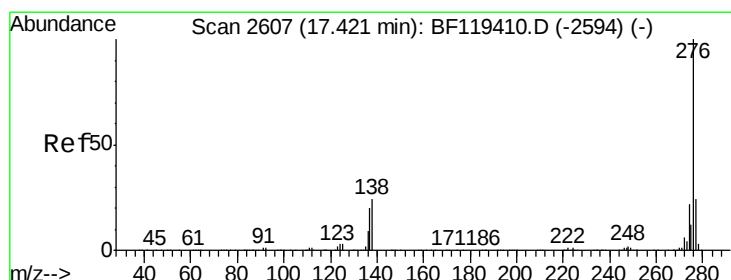
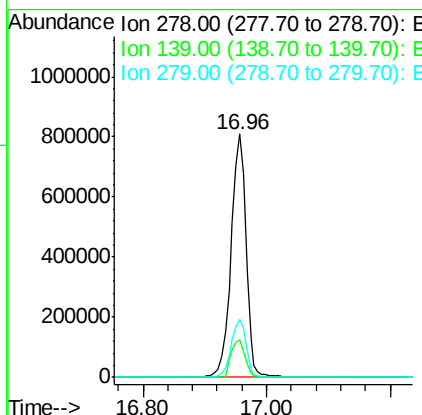
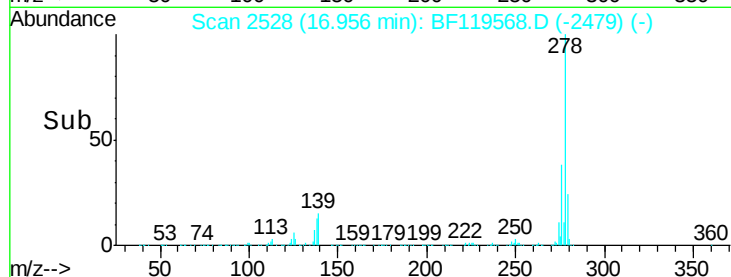
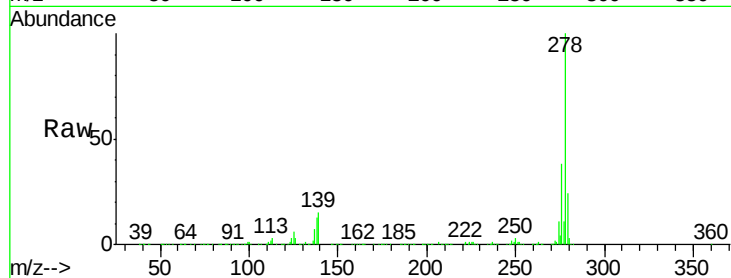
#91
Dibenzo(a,h)anthracene
Concen: 40.696 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB127833BS

Tot Ion:278 Resp: 1366401
Ion Ratio Lower Upper
278 100
139 15.3 12.6 19.0
279 23.9 19.0 28.6

Manual Integrations
APPROVED

mohammad
3/30/2020 8:51:15 AM



#92
Benzo(g,h,i)perylene
Concen: 40.343 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF119568.D
Acq: 27 Mar 2020 14:56

Tgt Ion:276 Resp: 1360814
Ion Ratio Lower Upper
276 100
277 22.9 18.4 27.6
138 20.2 15.4 23.0

