

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117239.D
 Acq On : 25 Sep 2019 14:51
 Operator : JU
 Sample : K5008-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:53:38 PM

Quant Time: Sep 26 03:19:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	39194	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	161296	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	82643	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	126776	20.00	ng	0.00
76) Chrysene-d12	13.99	240	76110	20.00	ng	0.01
87) Perylene-d12	15.47	264	67110	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	226443	90.20	ng	0.01
7) Phenol-d6	6.46	99	319205	98.39	ng	0.00
23) Nitrobenzene-d5	7.38	82	196952	64.16	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	60372	87.41	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	322780	61.07	ng	0.00
79) Terphenyl-d14	12.92	244	267726	65.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	34578	32.916	ng	# 93
3) Pyridine	3.40	79	80572	28.022	ng	96
4) n-Nitrosodimethylamine	3.35	42	41194	41.748	ng	85
6) Aniline	6.48	93	101050	24.191	ng	# 57
8) 2-Chlorophenol	6.61	128	110150	40.672	ng	95
9) Benzaldehyde	6.36	77	75998	49.006	ng	94
10) Phenol	6.47	94	149450	41.785	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	102939	39.160	ng	98
12) 1,3-Dichlorobenzene	6.76	146	114710	37.746	ng	99
13) 1,4-Dichlorobenzene	6.83	146	116487	37.560	ng	99
14) 1,2-Dichlorobenzene	6.99	146	108671	37.635	ng	98
15) Benzyl Alcohol	6.96	79	104213	41.887	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	96323	37.089	ng	# 40
17) 2-Methylphenol	7.08	107	93506	41.196	ng	# 91
18) Hexachloroethane	7.33	117	44550	37.340	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	82520	41.770	ng	92
20) 3+4-Methylphenols	7.23	107	119957	42.429	ng	# 70
22) Acetophenone	7.23	105	167376	40.843	ng	99
24) Nitrobenzene	7.40	77	126112	41.600	ng	97
25) Isophorone	7.64	82	225580	41.502	ng	99
26) 2-Nitrophenol	7.72	139	56735	43.570	ng	99
27) 2,4-Dimethylphenol	7.76	122	94170	45.604	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	131879	39.381	ng	98
29) 2,4-Dichlorophenol	7.96	162	89866	41.533	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	89995	38.499	ng	99
31) Naphthalene	8.12	128	315768	40.706	ng	99
32) Benzoic acid	7.89	122	39254	28.311	ng	97
33) 4-Chloroaniline	8.17	127	49057	14.258	ng	95
34) Hexachlorobutadiene	8.23	225	52699	39.736	ng	98
35) Caprolactam	8.55	113	27636m	37.735	ng	
36) 4-Chloro-3-methylphenol	8.67	107	103344	40.962	ng	99
37) 2-Methylnaphthalene	8.81	142	216882	41.519	ng	99
38) 1-Methylnaphthalene	8.91	142	201825	41.252	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	85981	40.290	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117239.D
 Acq On : 25 Sep 2019 14:51
 Operator : JU
 Sample : K5008-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

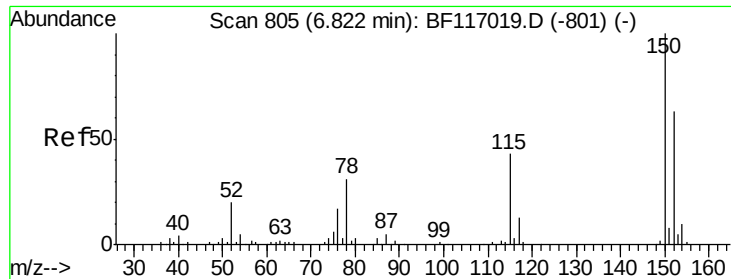
Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:53:38 PM

Quant Time: Sep 26 03:19:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	55313	60.733	nq	96
43) 2,4,6-Trichlorophenol	9.10	196	57732	39.864	nq	96
44) 2,4,5-Trichlorophenol	9.15	196	62424	40.343	nq	95
46) 1,1'-Biphenyl	9.27	154	260464	40.179	nq	97
47) 2-Chloronaphthalene	9.30	162	201979	39.479	nq	98
48) 2-Nitroaniline	9.40	65	64231	39.142	nq	92
49) Acenaphthylene	9.72	152	310727	40.543	nq	100
50) Dimethylphthalate	9.57	163	280512	47.938	nq	98
51) 2,6-Dinitrotoluene	9.64	165	49739	41.735	nq #	81
52) Acenaphthene	9.89	154	182664	40.206	nq	99
53) 3-Nitroaniline	9.81	138	33024	21.963	nq	86
54) 2,4-Dinitrophenol	9.93	184	20129	43.801	nq	94
55) Dibenzofuran	10.06	168	280307	41.817	nq	98
56) 4-Nitrophenol	9.99	139	55255	56.699	nq	91
57) 2,4-Dinitrotoluene	10.05	165	66688	43.108	nq #	88
58) Fluorene	10.40	166	229606	42.522	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	38785m	32.755	nq	
60) Diethylphthalate	10.27	149	238212	41.379	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	98738	42.264	nq	99
62) 4-Nitroaniline	10.43	138	51857	33.162	nq	89
63) Azobenzene	10.55	77	246964	42.003	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	19917	36.424	nq	78
66) n-Nitrosodiphenylamine	10.51	169	191764	43.799	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	57150	44.142	nq	99
68) Hexachlorobenzene	10.96	284	60354	42.621	nq	96
69) Atrazine	11.04	200	51640	48.363	nq	98
70) Pentachlorophenol	11.16	266	52031	78.386	nq	98
71) Phenanthrene	11.36	178	305737	42.459	nq	99
72) Anthracene	11.42	178	318758	43.360	nq	99
73) Carbazole	11.57	167	268540	38.483	nq	99
74) Di-n-butylphthalate	11.89	149	375901	45.276	nq	99
75) Fluoranthene	12.55	202	284954	38.513	nq	100
77) Benzidine	12.67	184	68832	28.075	nq	98
78) Pyrene	12.78	202	288002	45.098	nq	99
80) Butylbenzylphthalate	13.39	149	130670	43.303	nq	95
81) Benzo(a)anthracene	13.98	228	201122	39.552	nq	96
82) 3,3'-Dichlorobenzidine	13.93	252	45370	27.688	nq	98
83) Chrysene	14.02	228	194755	39.269	nq	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	183110	47.063	nq	100
85) Di-n-octyl phthalate	14.59	149	276487	45.150	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	164877	45.568	nq	98
88) Benzo(b)fluoranthene	15.04	252	170024	41.825	nq	99
89) Benzo(k)fluoranthene	15.07	252	152391	39.574	nq	98
90) Benzo(a)pyrene	15.41	252	153336	42.985	nq	100
91) Dibenzo(a,h)anthracene	16.94	278	142007	49.972	nq	96
92) Benzo(g,h,i)perylene	17.37	276	134568	47.521	nq	96

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



#1

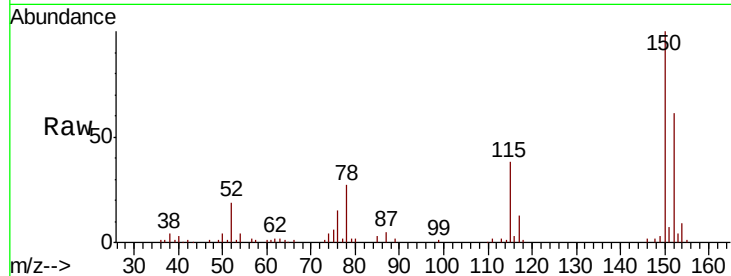
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	127.5	191.3
115	62.1	55.0	82.4

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

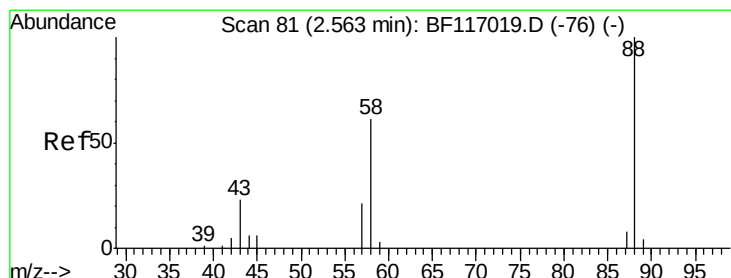
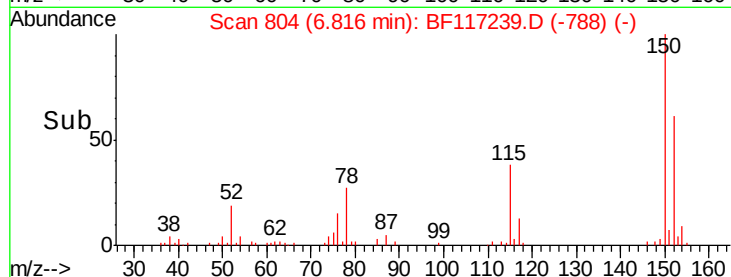
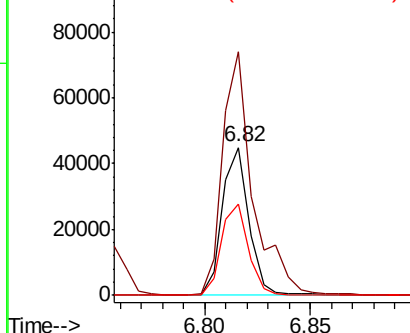


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

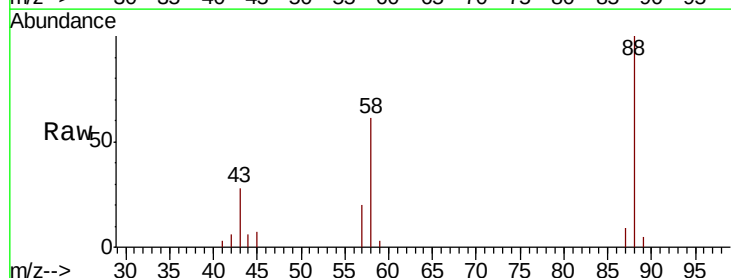
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.916 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	49.3	73.9
43	32.1	18.8	28.2

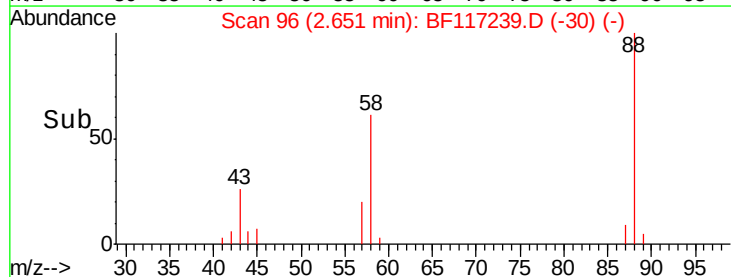
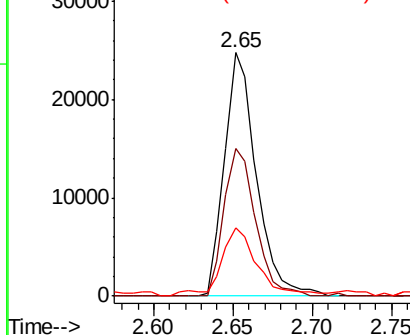


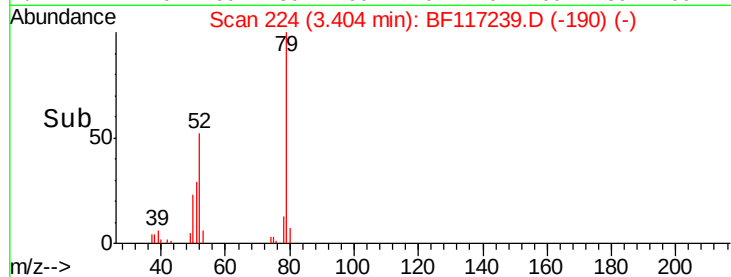
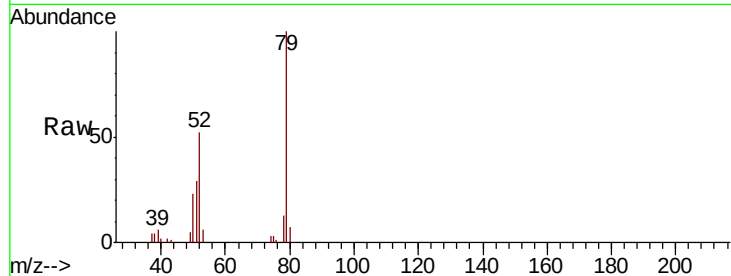
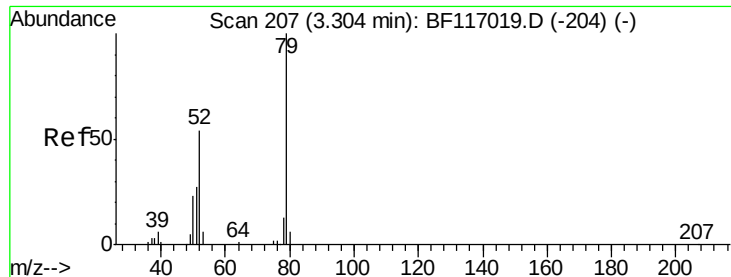
Abundance

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





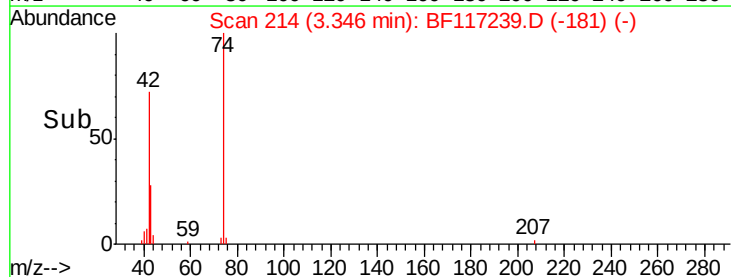
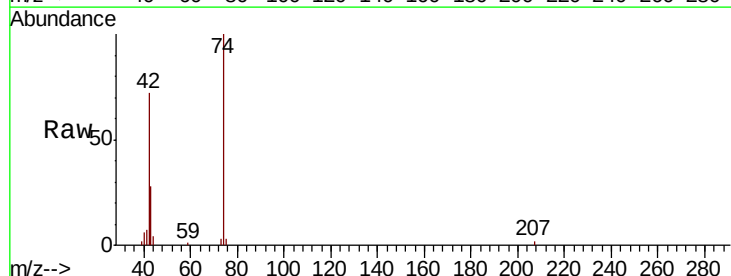
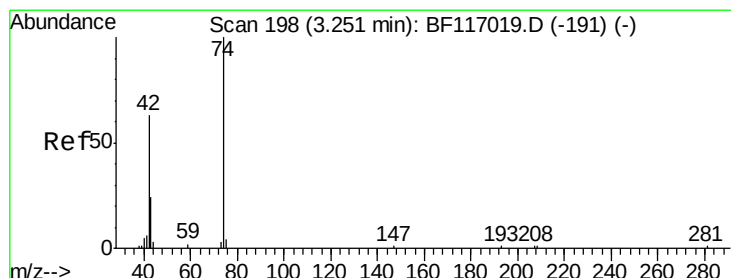
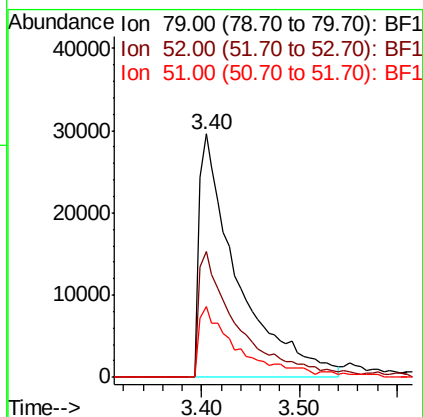
#3
Pvridine
Concen: 28.022 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.10 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	51.7	43.5	65.3
51	28.9	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

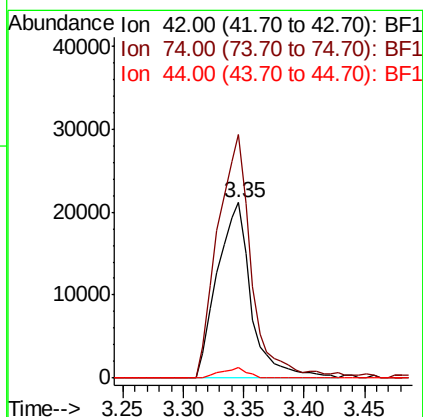
Manual Integrations
APPROVED

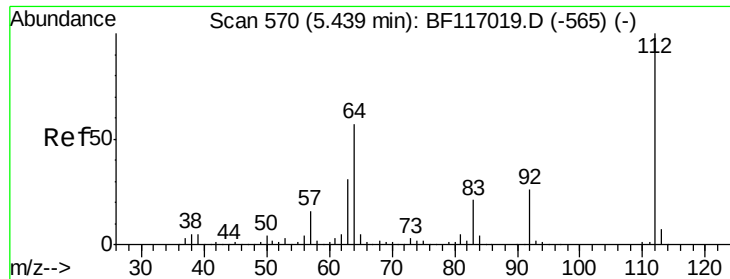
mohammad
9/26/2019 3:53:38 PM



#4
n-Nitrosodimethylamine
Concen: 41.748 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.09 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.0	127.1	190.7
44	5.9	4.3	6.5





#5

2-Fluorophenol

Concen: 90.201 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

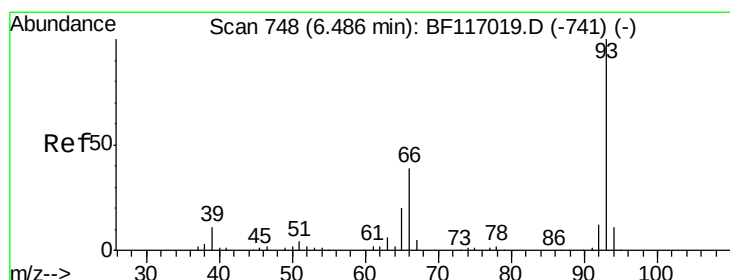
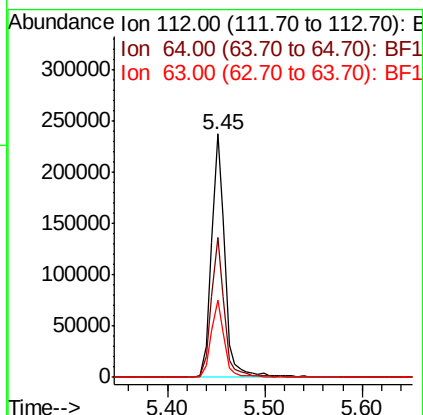
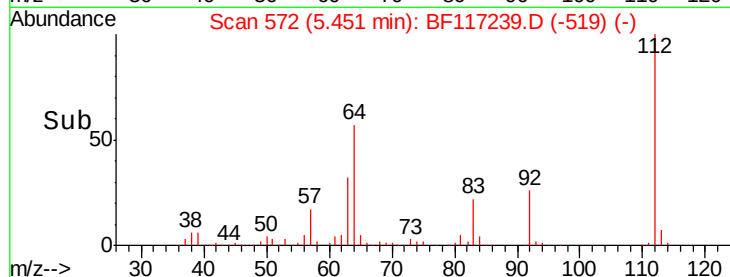
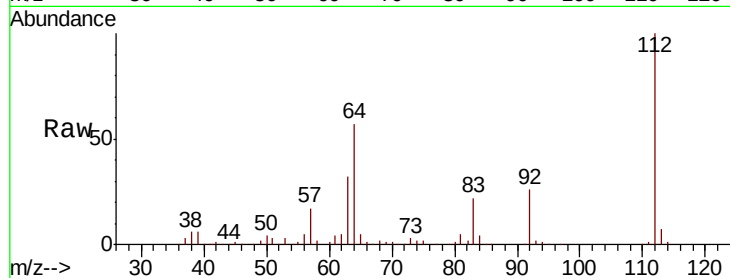
ClientSampleId :

SB-7MSD

Tot Ion:	112	Resp:	226443
Ion Ratio	Lower	Upper	
112	100		
64	57.3	45.7	68.5
63	31.7	24.9	37.3

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



#6

Aniline

Concen: 24.191 ng

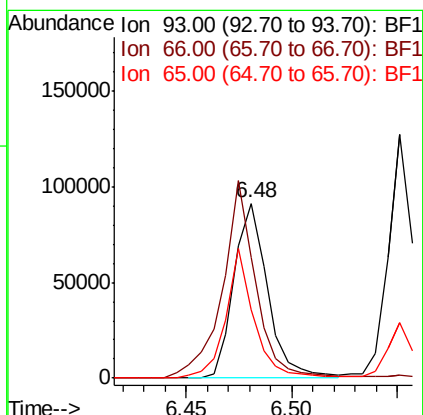
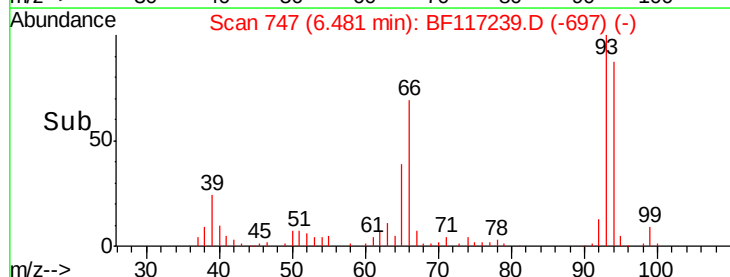
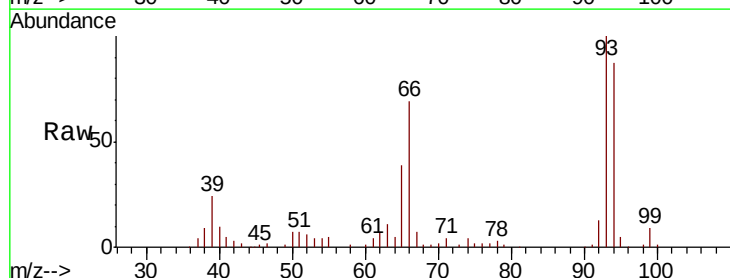
RT: 6.48 min Scan# 747

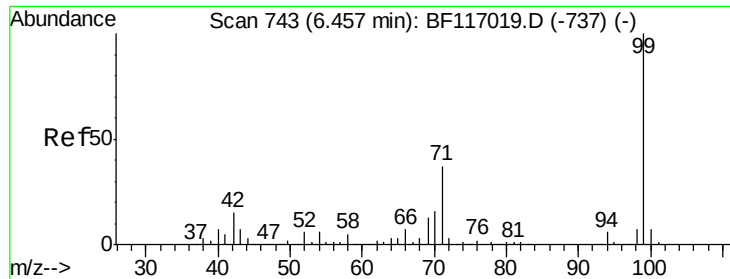
Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	93	Resp:	101050
Ion Ratio	Lower	Upper	
93	100		
66	68.9	32.6	49.0#
65	39.4	16.7	25.1#





#7

Phenol-d6

Concen: 98.387 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

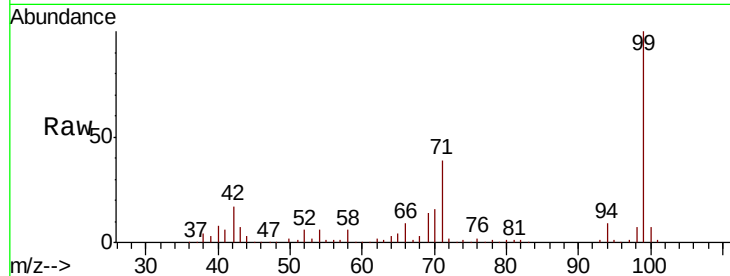
ClientSampleId :

SB-7MSD

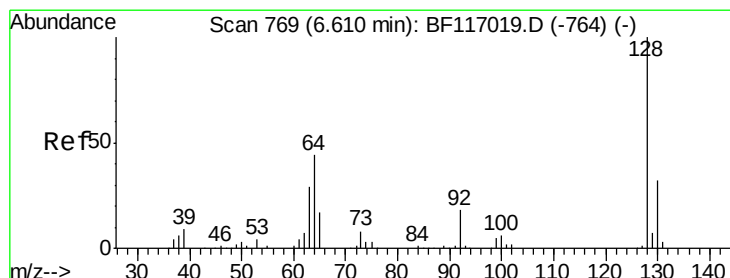
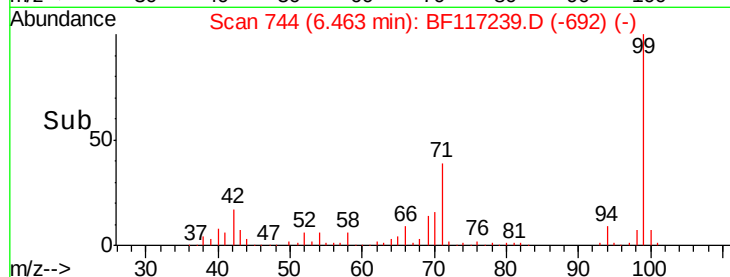
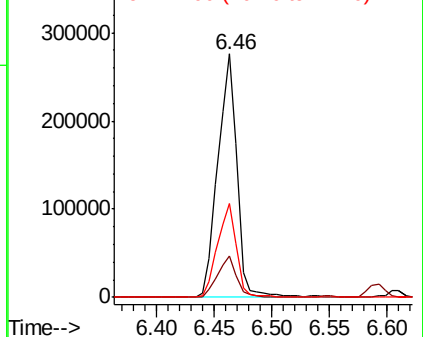
Tot Ion:	99	Resp:	319205
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	38.7	29.8	44.8

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.672 ng

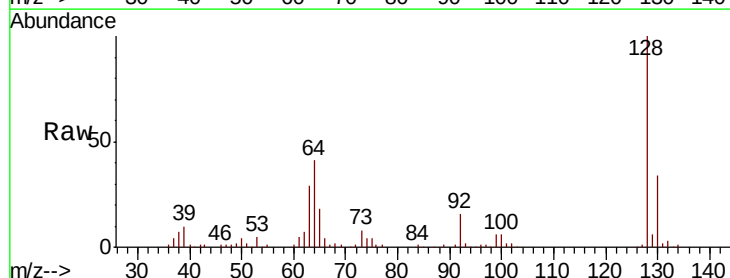
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

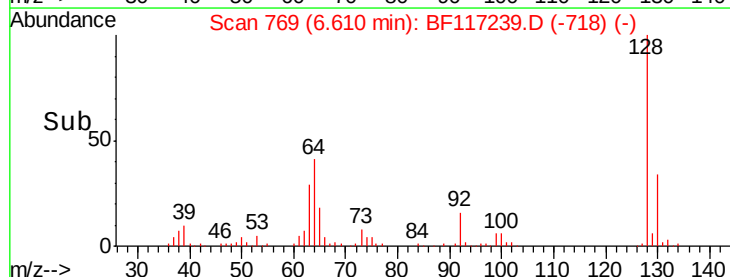
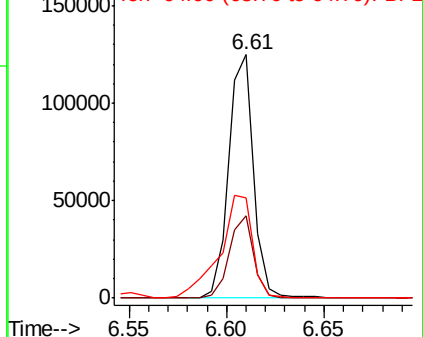
Lab File: BF117239.D

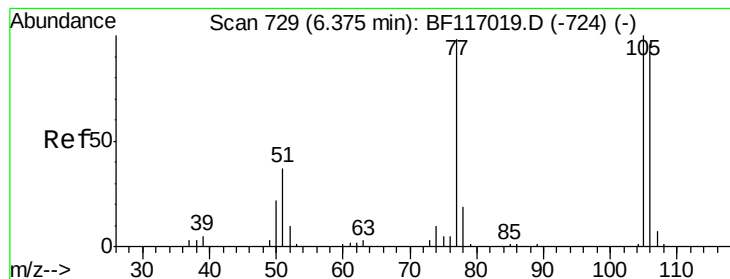
Acq: 25 Sep 2019 14:51

Tgt Ion:	128	Resp:	110150
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.8	51.8
64	41.2	25.0	65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.006 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

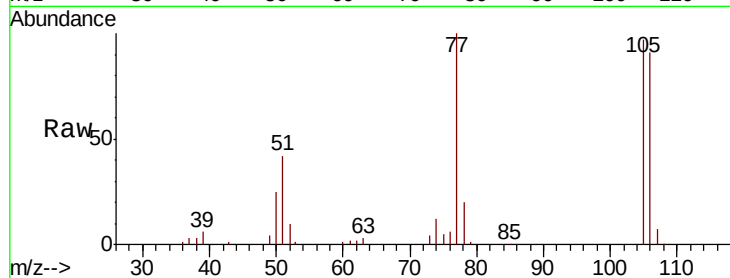
ClientSampleId :

SB-7MSD

Tot Ion:	77	Resp:	75998
Ion	Ratio	Lower	Upper
77	100		
105	96.8	81.8	121.8
106	91.0	77.3	117.3

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

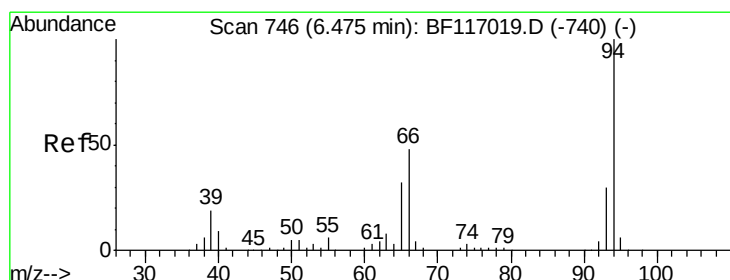
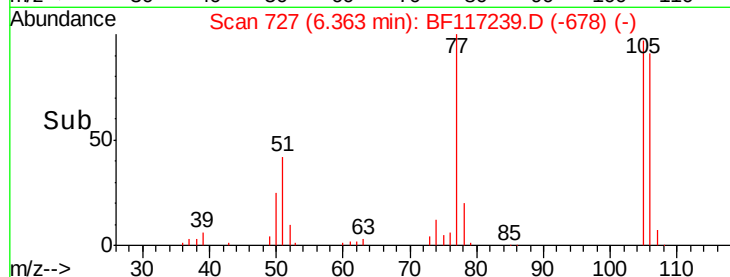
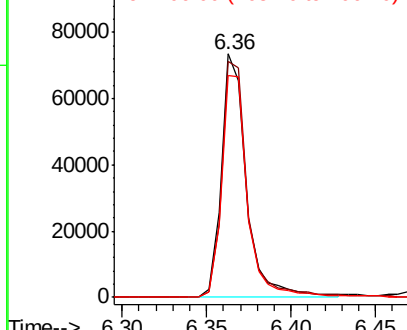


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.785 ng

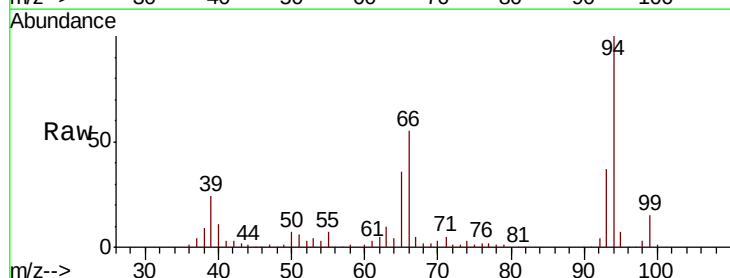
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	94	Resp:	149450
Ion	Ratio	Lower	Upper
94	100		
65	36.1	12.5	52.5
66	54.6	28.9	68.9

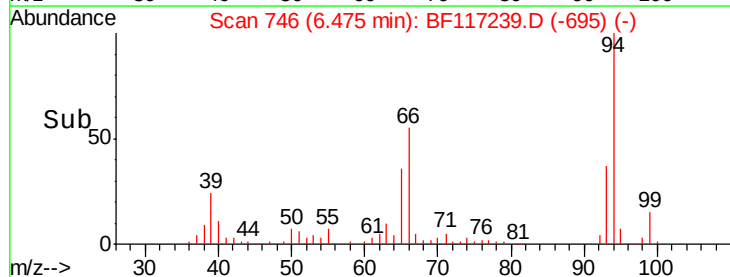
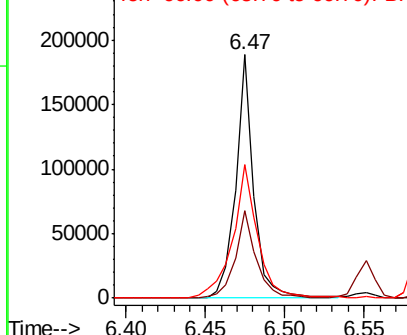


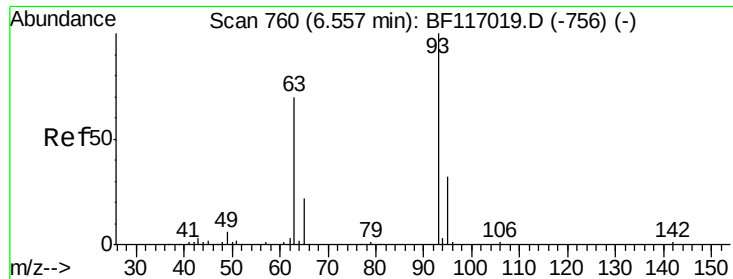
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





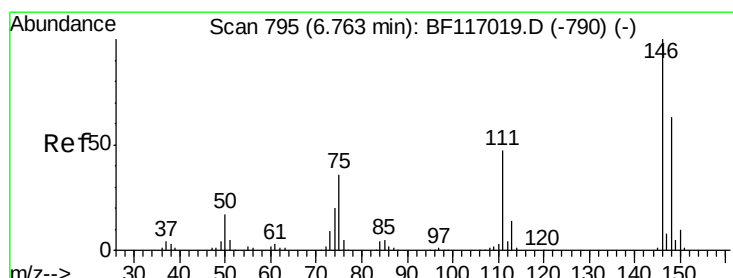
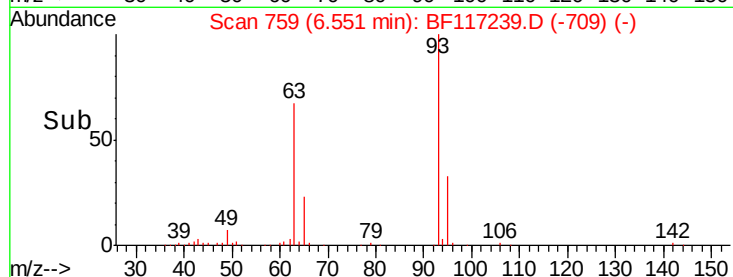
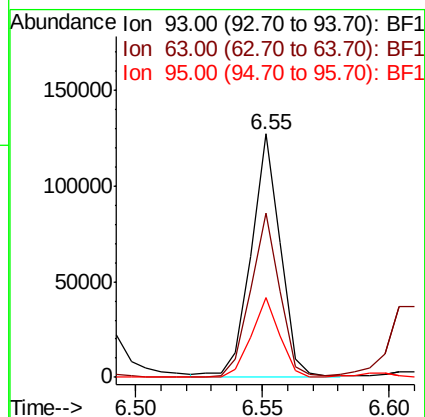
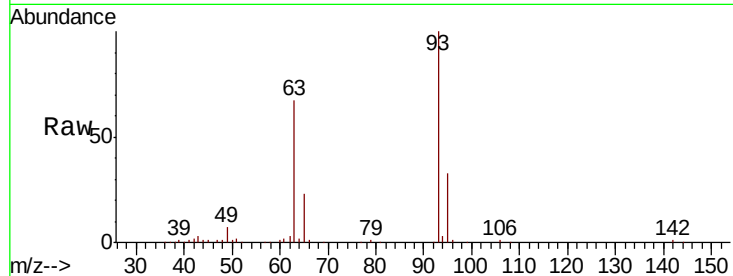
#11
bis(2-Chloroethyl)ether
Concen: 39.160 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion:	93	Resp:	102939
Ion	Ratio	Lower	Upper
93	100		
63	67.4	49.3	89.3
95	32.7	11.5	51.5

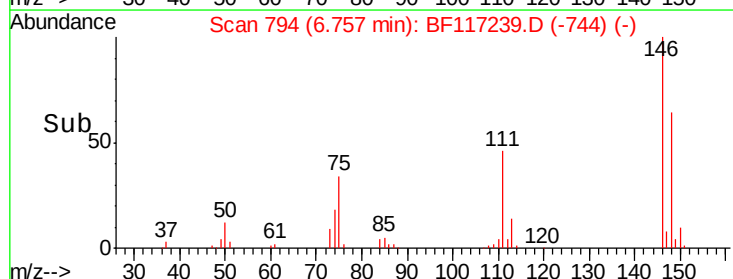
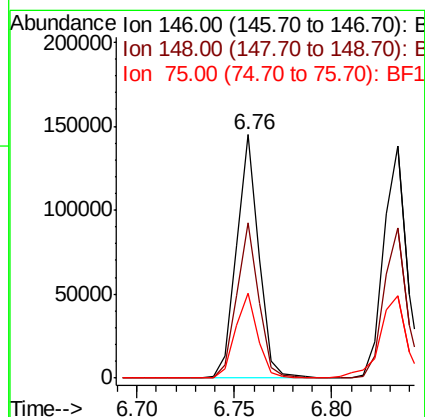
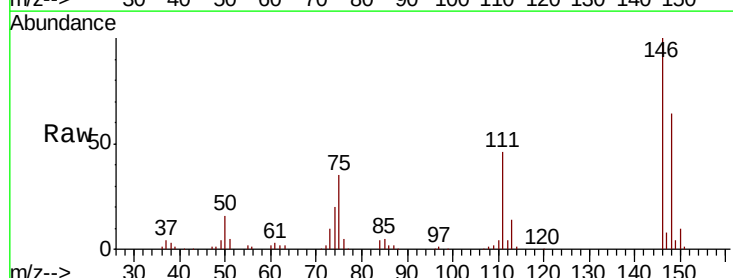
Manual Integrations
APPROVED

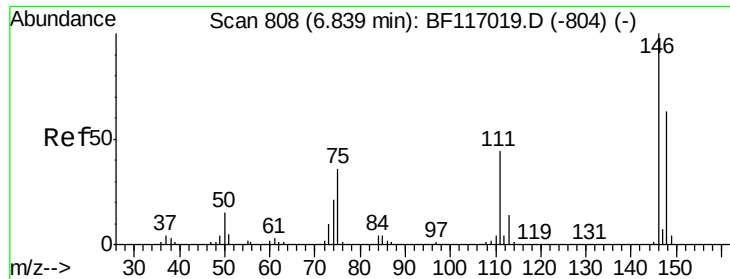
mohammad
9/26/2019 3:53:38 PM



#12
1,3-Dichlorobenzene
Concen: 37.746 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:	146	Resp:	114710
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
75	34.7	28.7	43.1





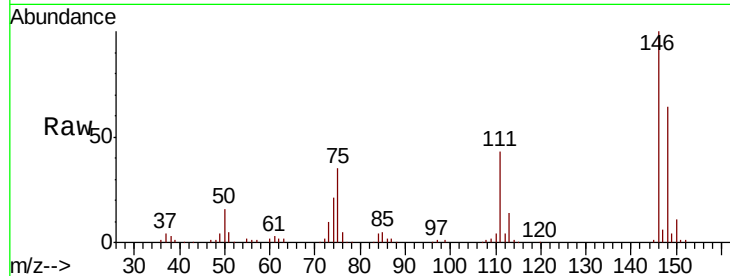
#13
 1,4-Dichlorobenzene
 Concen: 37.560 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	43.4	35.0	52.6

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:53:38 PM

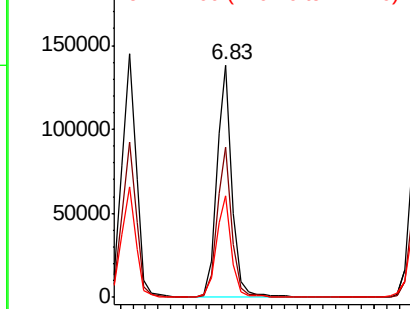


Abundance

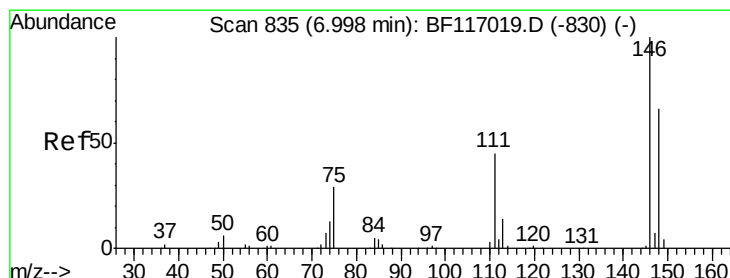
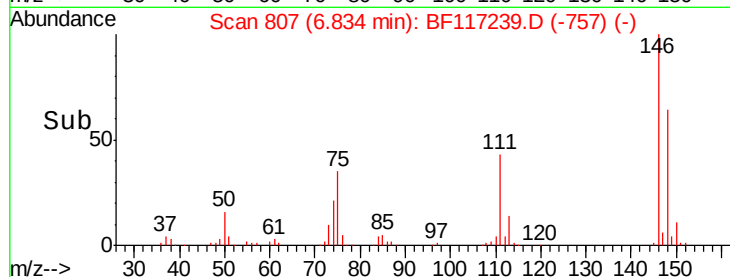
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

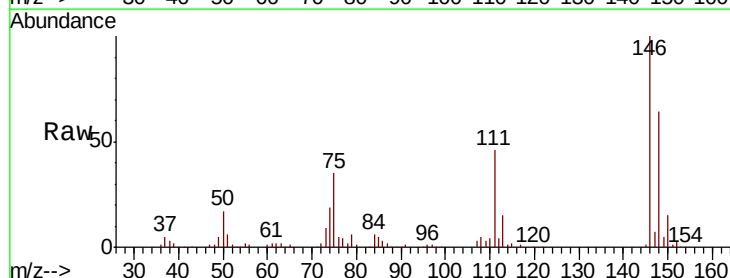


Time-->



#14
 1,2-Dichlorobenzene
 Concen: 37.635 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
111	45.9	36.2	54.2

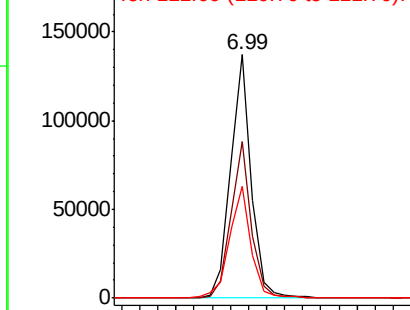


Abundance

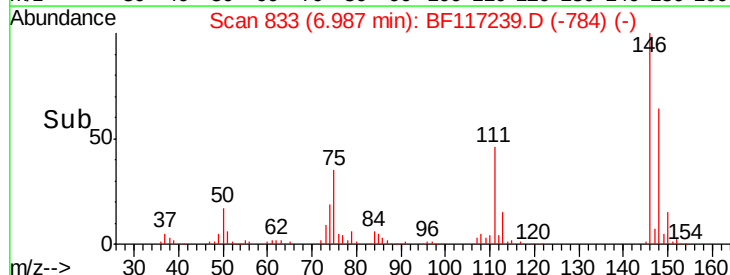
Ion 146.00 (145.70 to 146.70): E

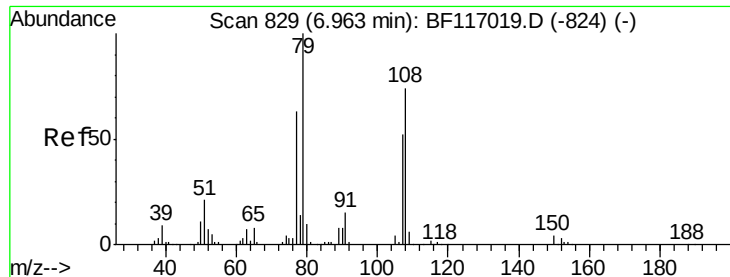
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





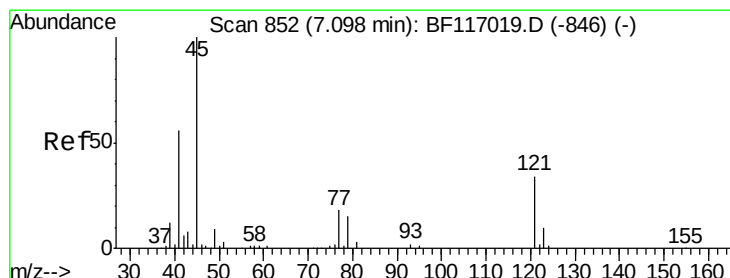
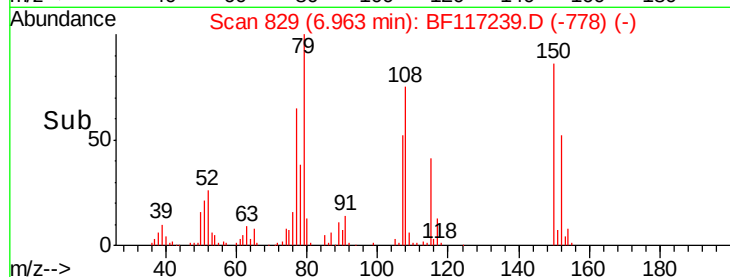
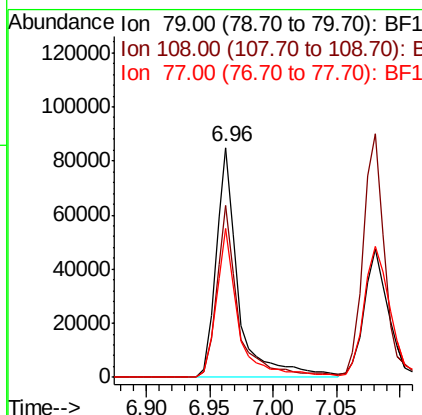
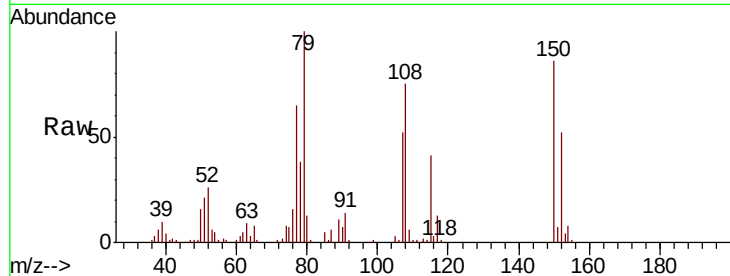
#15
Benzyl Alcohol
Concen: 41.887 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	59.4	89.0
77	64.7	50.2	75.2

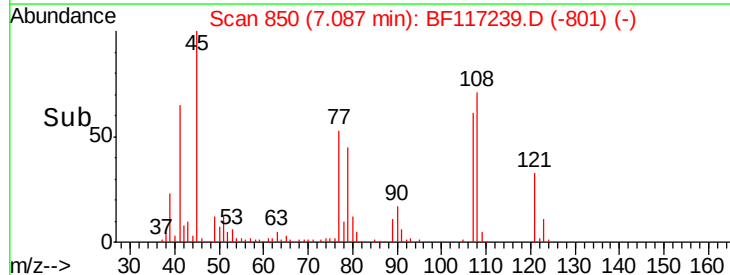
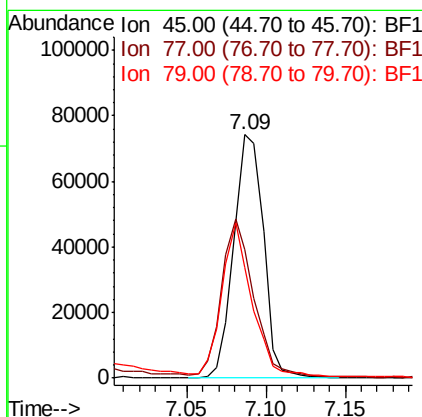
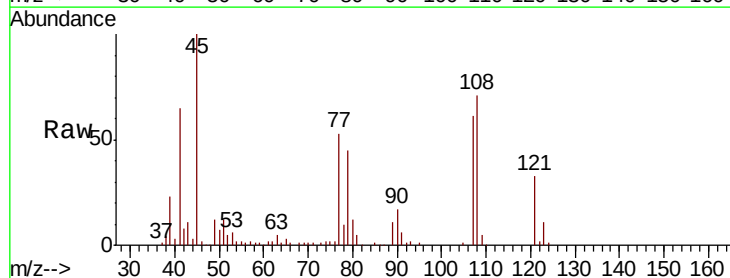
Manual Integrations
APPROVED

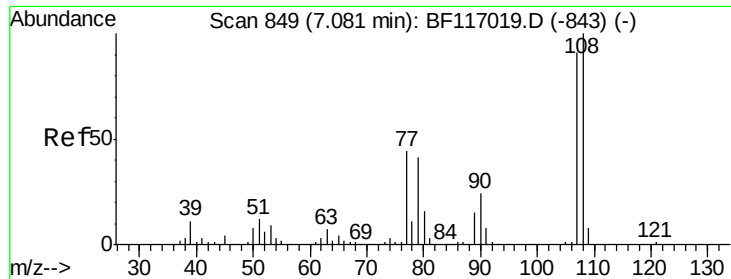
mohammad
9/26/2019 3:53:38 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.089 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.6	2.7	42.7#
79	45.3	0.0	38.9#





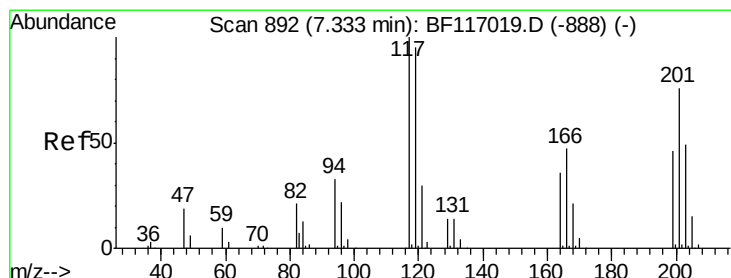
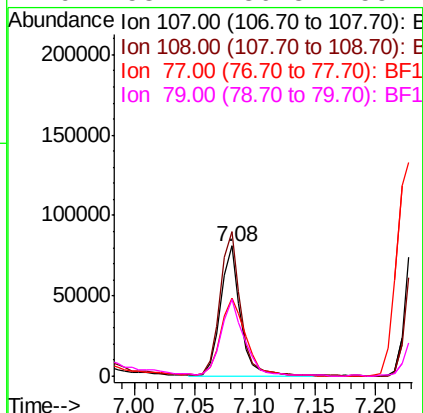
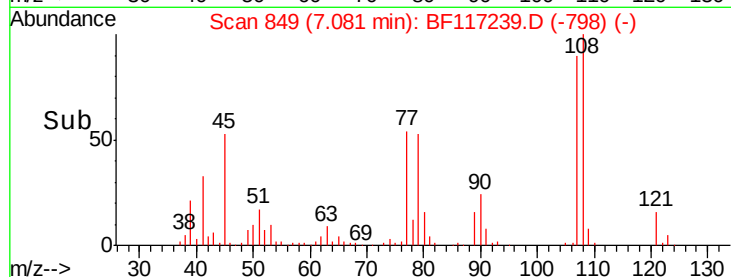
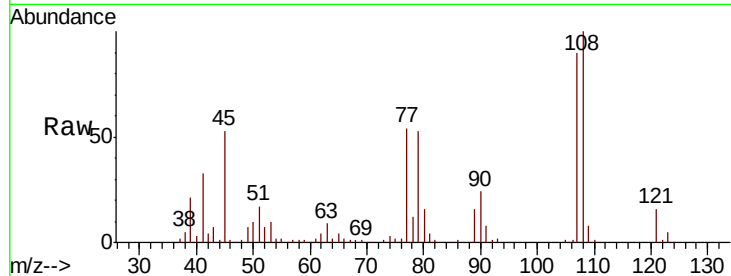
#17
2-Methylphenol
Concen: 41.196 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.7	131.5
77	59.9	38.6	58.0#
79	58.4	36.8	55.2#

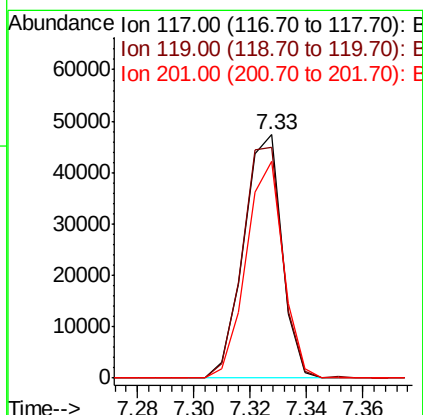
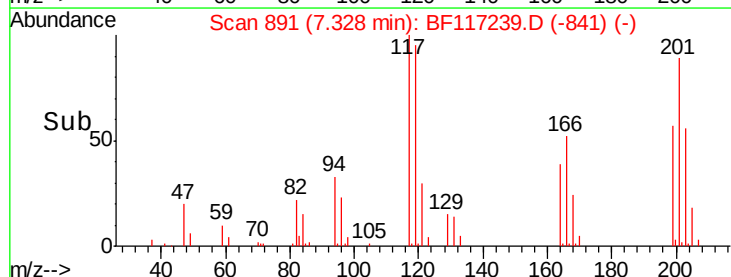
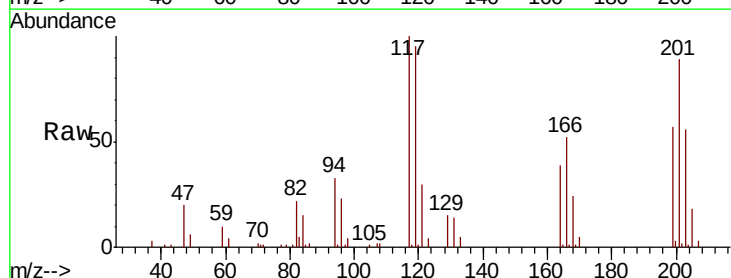
Manual Integrations
APPROVED

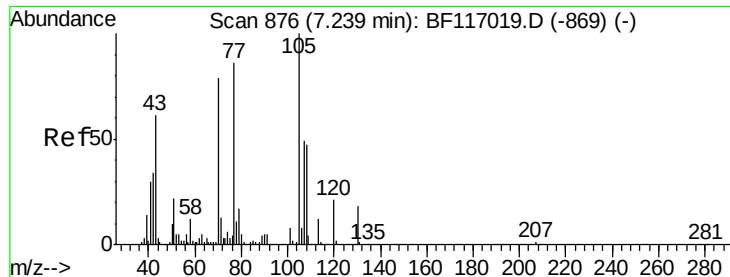
mohammad
9/26/2019 3:53:38 PM



#18
Hexachloroethane
Concen: 37.340 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	88.8	60.9	91.3





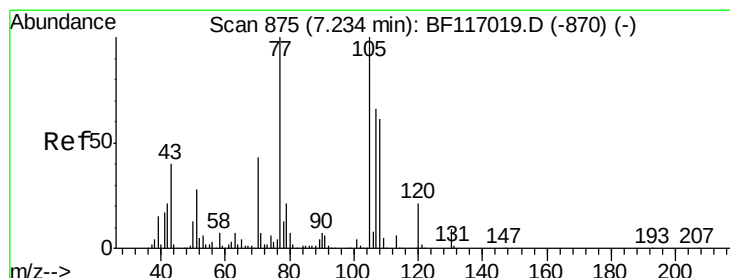
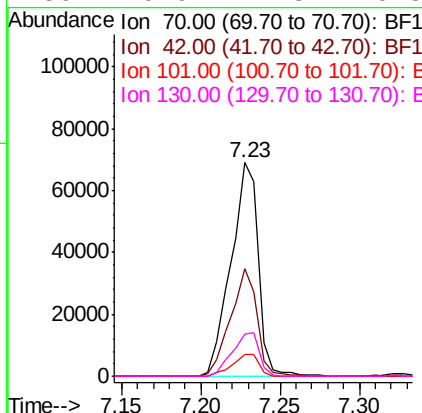
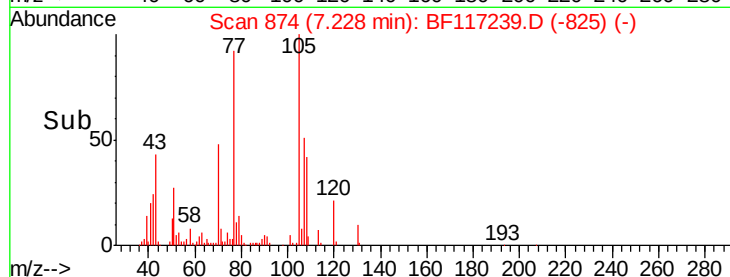
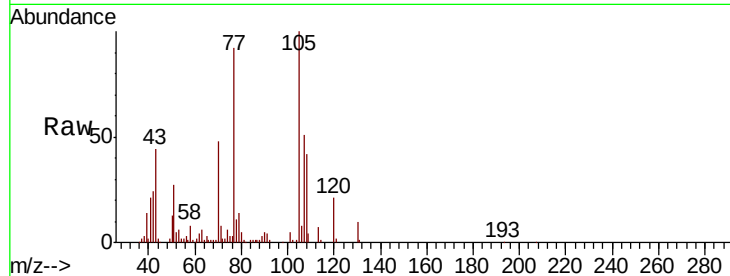
#19
n-Nitroso-di-n-propylamine
Concen: 41.770 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	34.0	51.0	
101	10.0	7.8	11.6	
130	19.9	17.8	26.8	

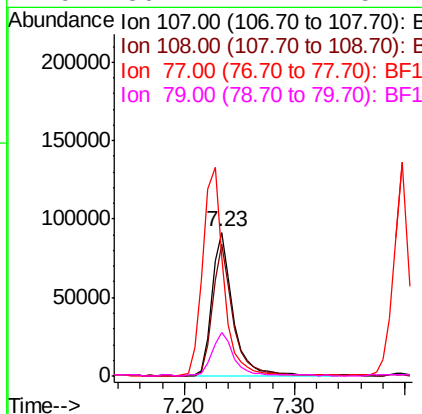
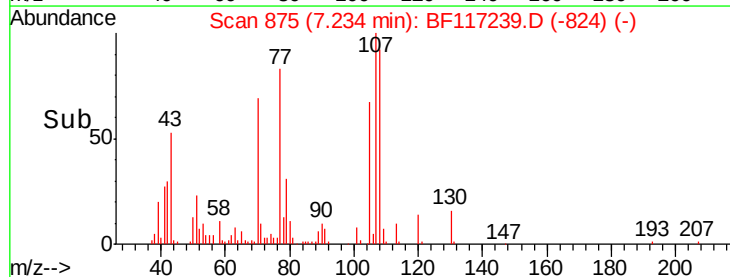
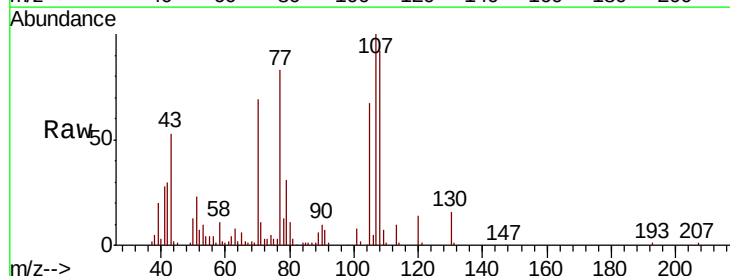
Manual Integrations
APPROVED

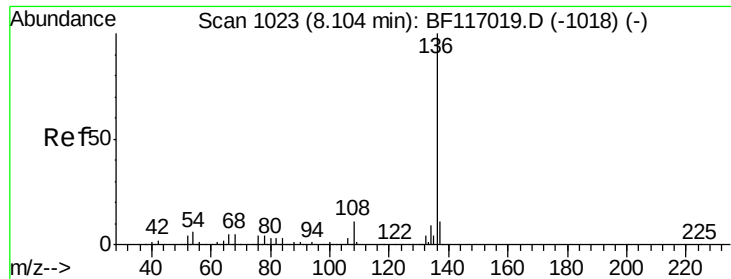
mohammad
9/26/2019 3:53:38 PM



#20
3+4-Methylphenols
Concen: 42.429 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	72.6	112.6	
77	83.0	132.1	172.1	
79	30.7	12.1	52.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

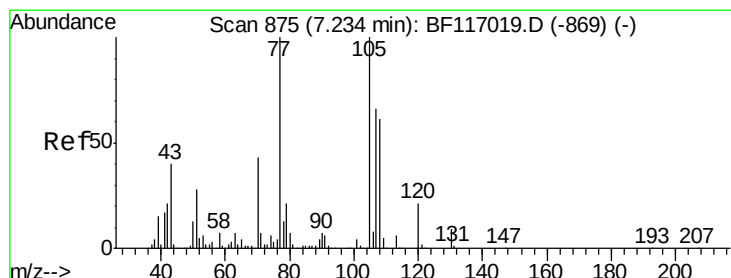
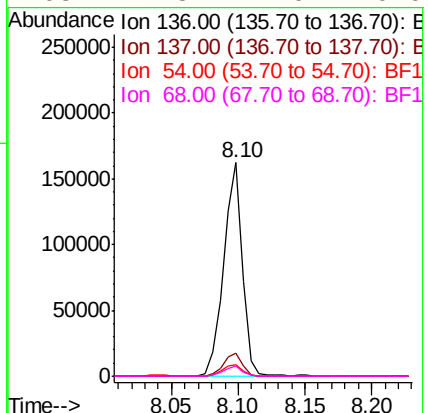
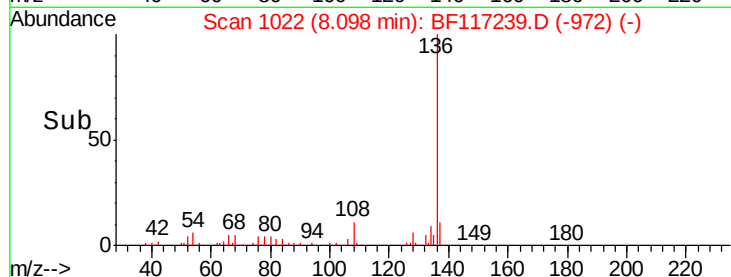
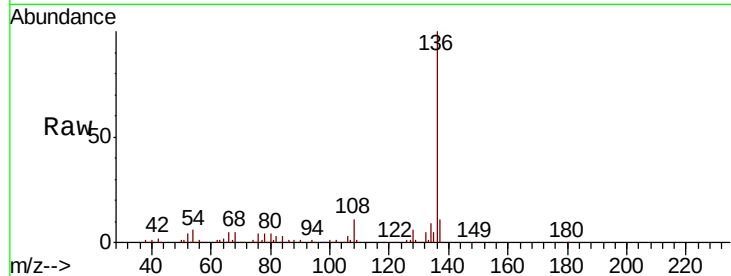
ClientSampleId :

SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	161296		
137	11.0	9.0	13.4	
54	5.7	4.5	6.7	
68	4.8	4.0	6.0	

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



#22

Acetophenone

Concen: 40.843 ng

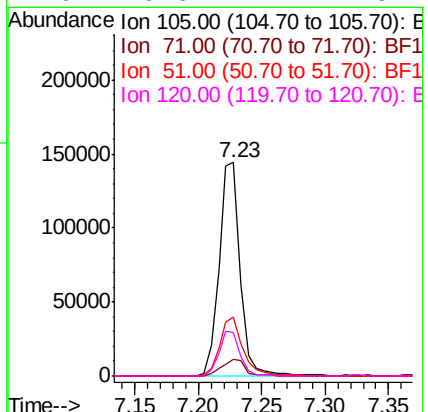
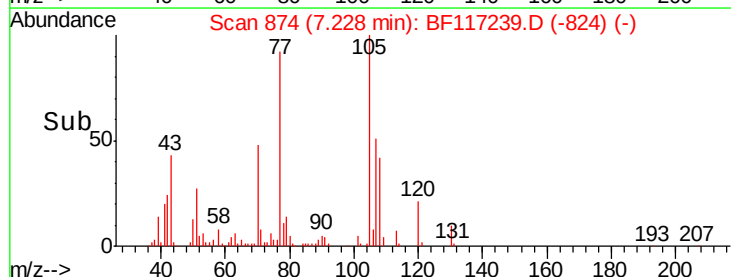
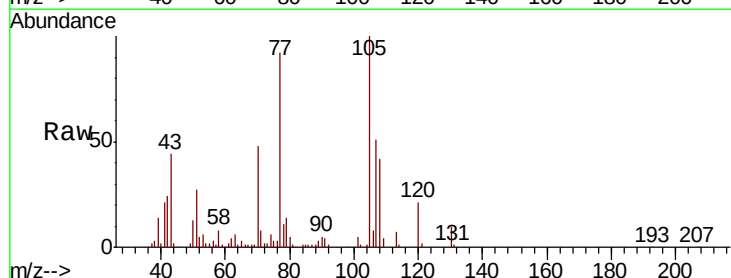
RT: 7.23 min Scan# 874

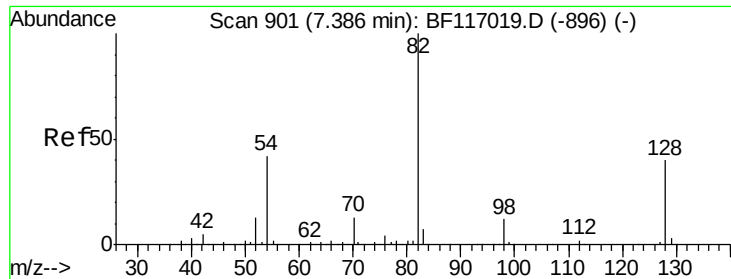
Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167376		
71	8.1	5.7	8.5	
51	27.4	22.1	33.1	
120	20.6	17.1	25.7	





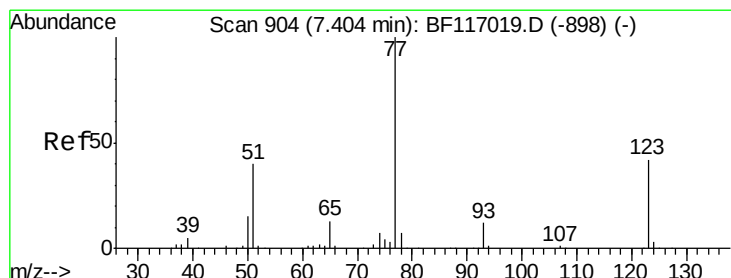
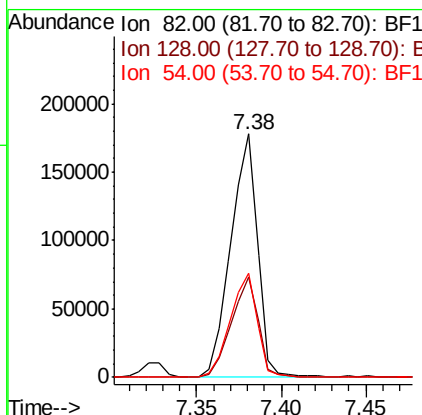
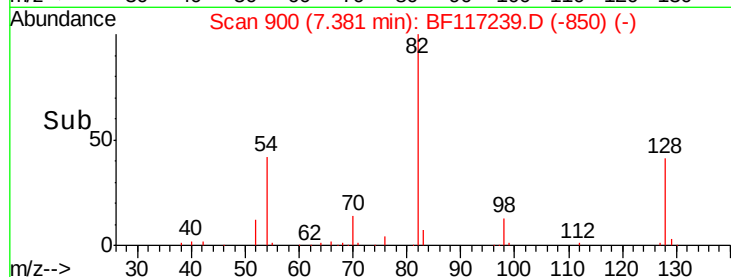
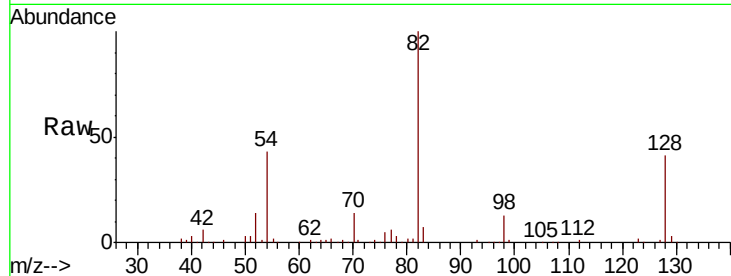
#23
 Nitrobenzene-d5
 Concen: 64.157 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	82	Resp	196952
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.3	48.5
54	42.7	33.3	49.9

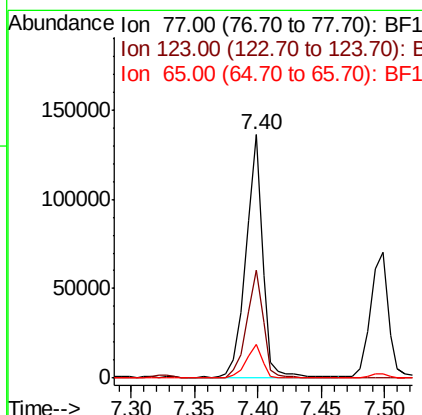
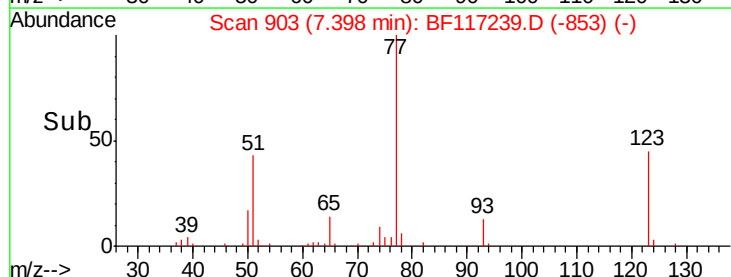
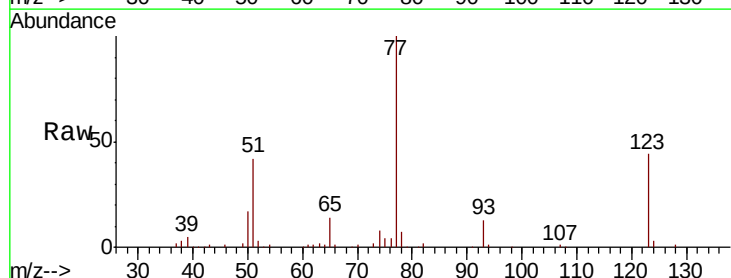
Manual Integrations
 APPROVED

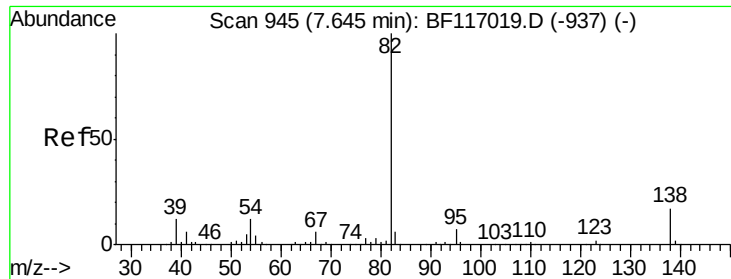
mohammad
 9/26/2019 3:53:38 PM



#24
 Nitrobenzene
 Concen: 41.600 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	77	Resp	126112
Ion Ratio	Lower	Upper	
77	100		
123	44.4	33.5	50.3
65	13.8	10.5	15.7





#25

Isophorone

Concen: 41.502 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

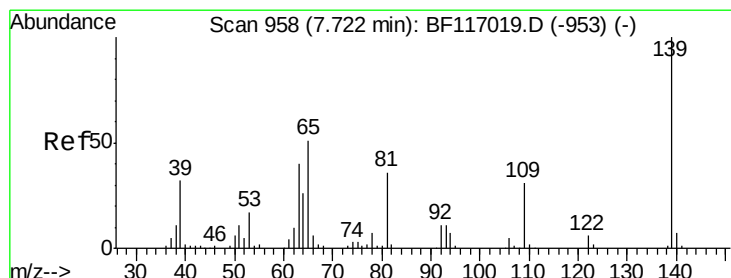
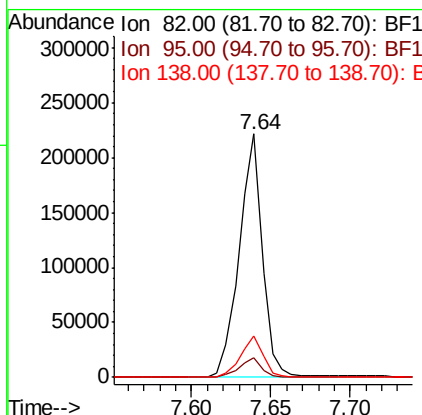
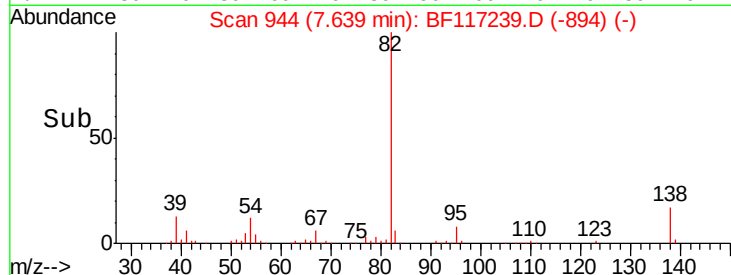
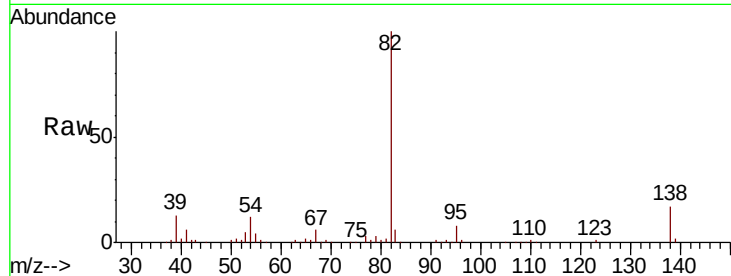
ClientSampleId :

SB-7MSD

Tot Ion:	82	Resp:	225580
Ion Ratio		Lower	Upper
82	100		
95	8.0	5.8	8.6
138	17.2	13.5	20.3

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



#26

2-Nitrophenol

Concen: 43.570 ng

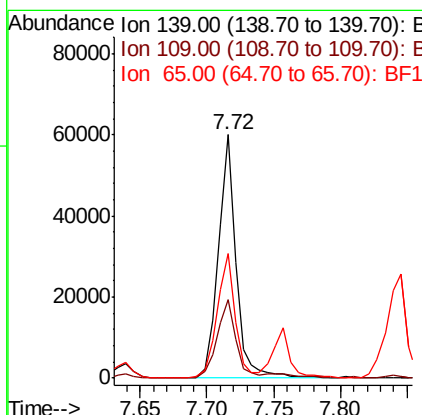
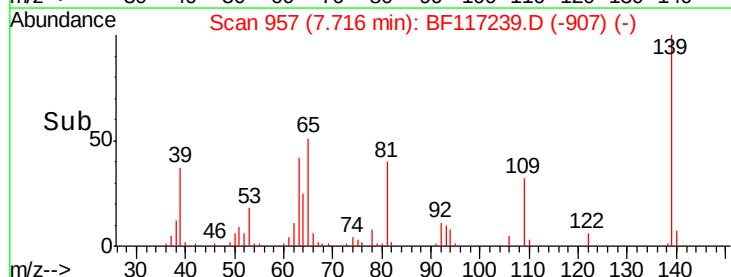
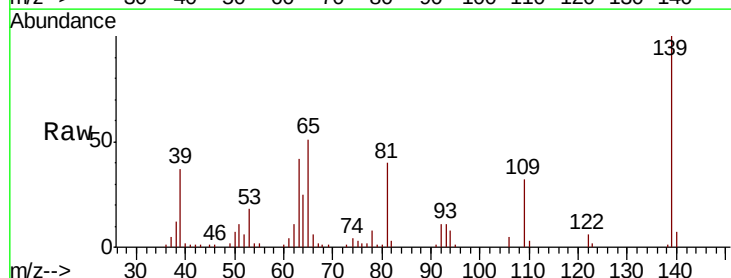
RT: 7.72 min Scan# 957

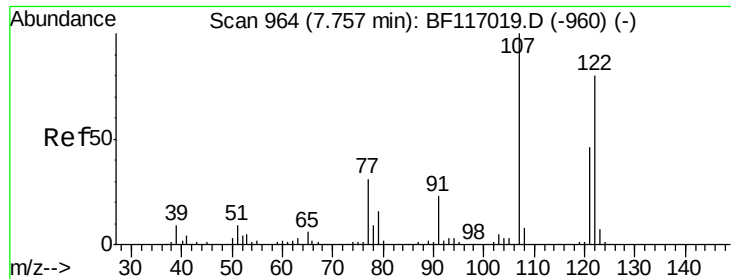
Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	139	Resp:	56735
Ion Ratio		Lower	Upper
139	100		
109	32.2	24.6	36.8
65	51.2	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 45.604 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

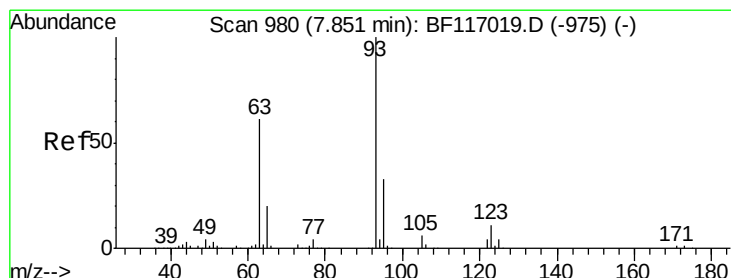
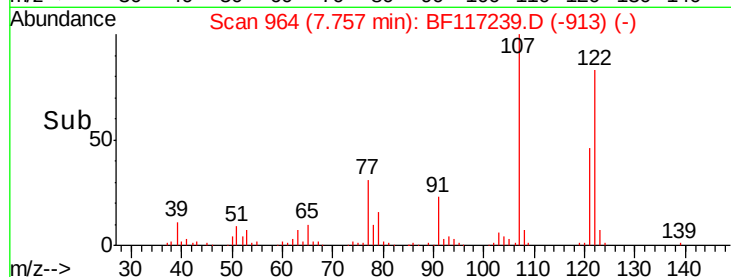
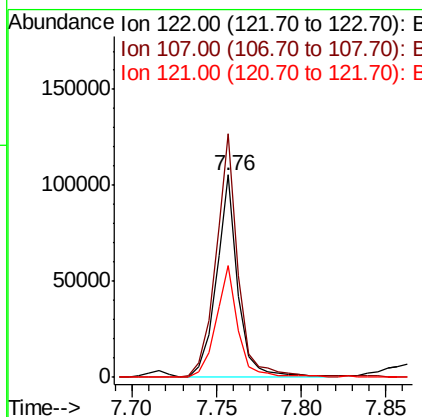
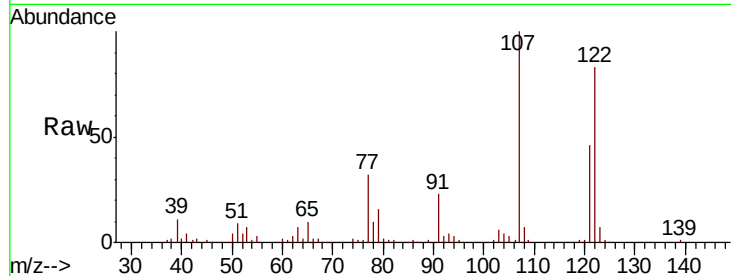
ClientSampleId :

SB-7MSD

Tot Ion:	122	Resp:	94170
Ion	Ratio	Lower	Upper
122	100		
107	120.4	98.9	148.3
121	55.3	45.3	67.9

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.381 ng

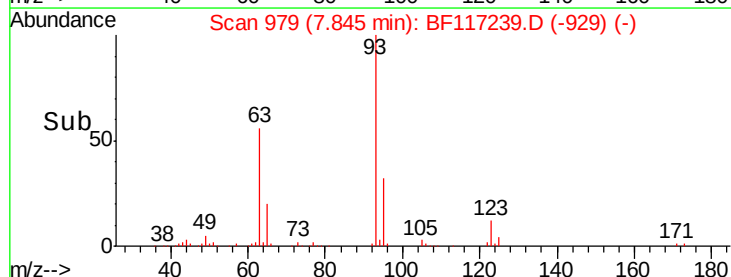
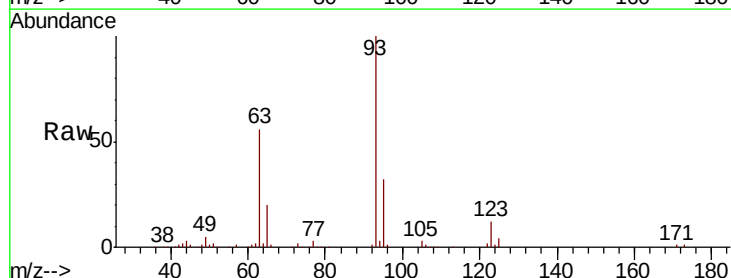
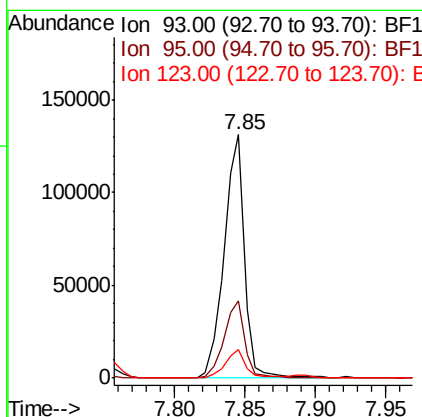
RT: 7.85 min Scan# 979

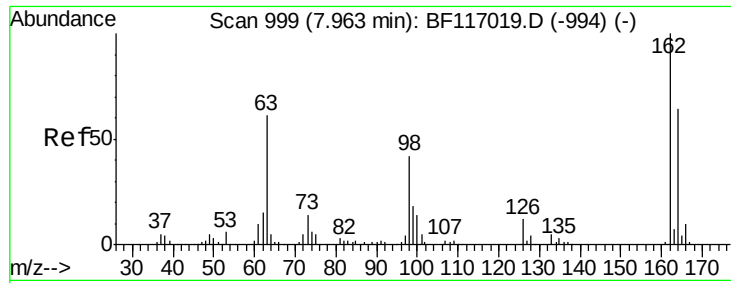
Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	93	Resp:	131879
Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.4
123	11.6	9.0	13.6





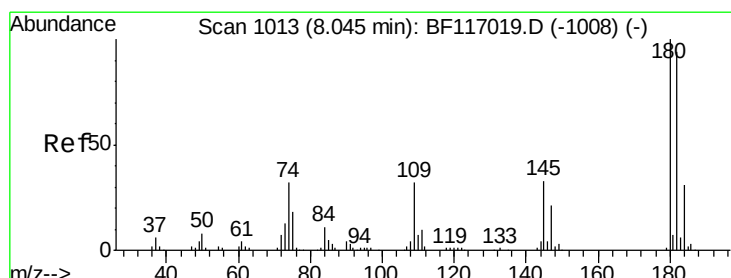
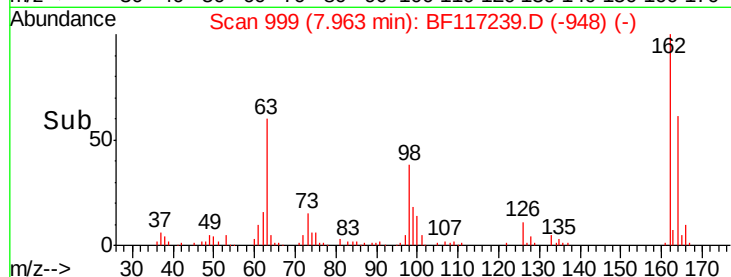
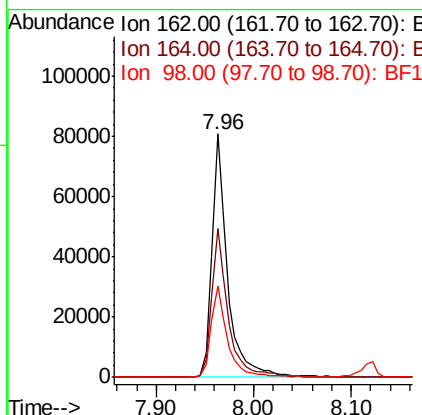
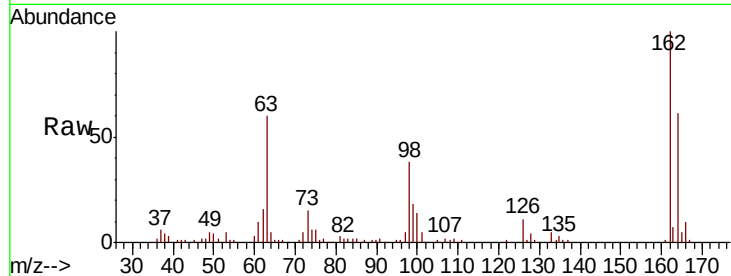
#29
2,4-Dichlorophenol
Concen: 41.533 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		89866		
164	60.9	43.8		83.8	
98	37.6	22.1		62.1	

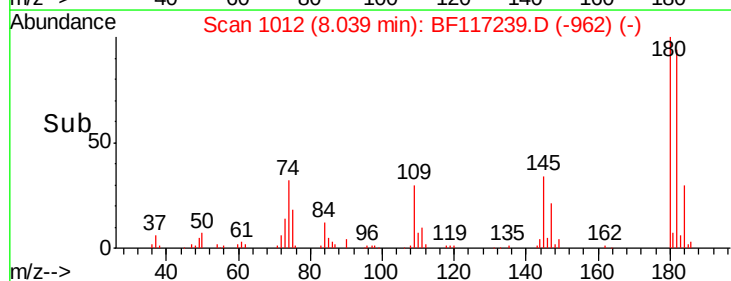
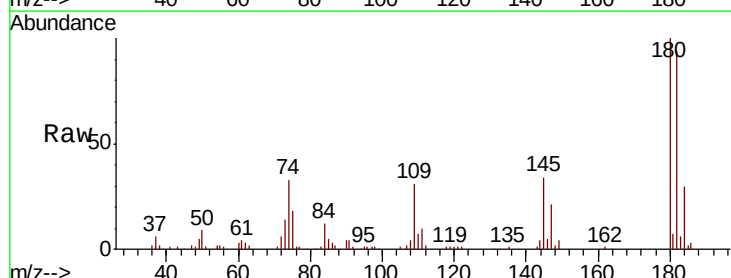
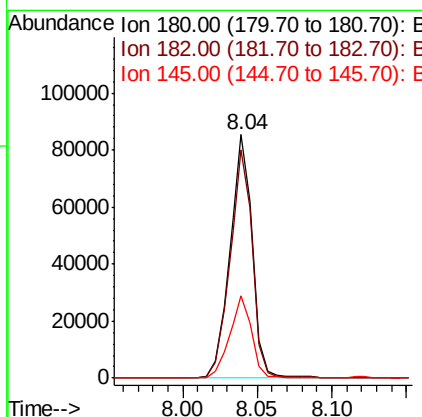
Manual Integrations
APPROVED

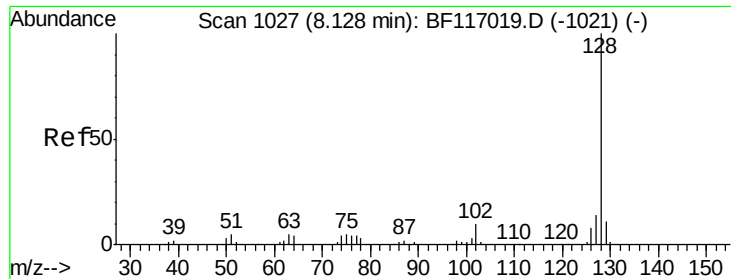
mohammad
9/26/2019 3:53:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.499 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		89995		
182	93.7	75.4		113.0	
145	33.8	26.7		40.1	





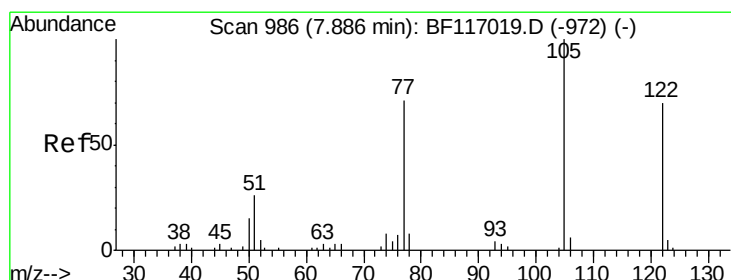
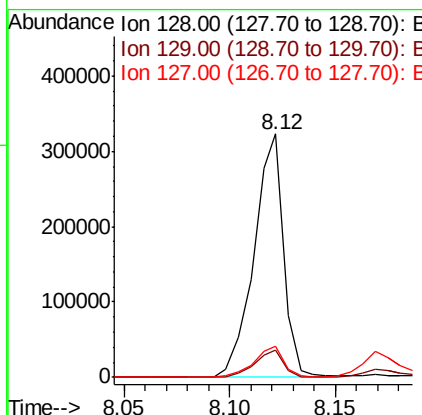
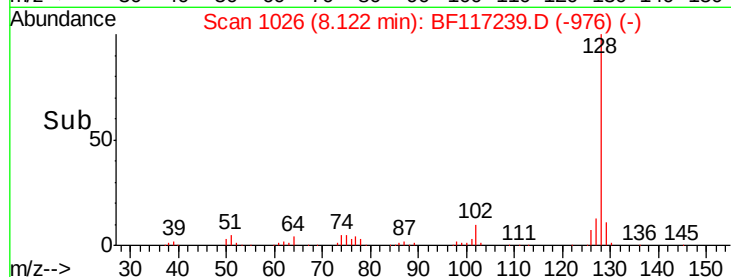
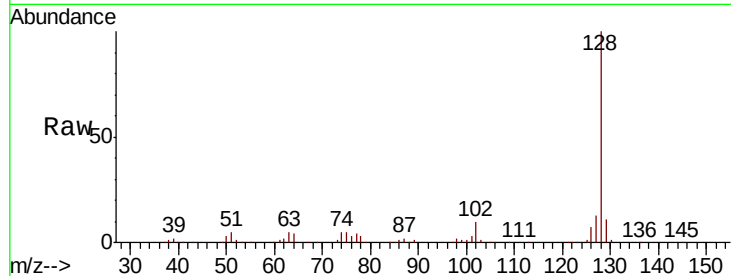
#31
Naphthalene
Concen: 40.706 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.7	10.8	16.2

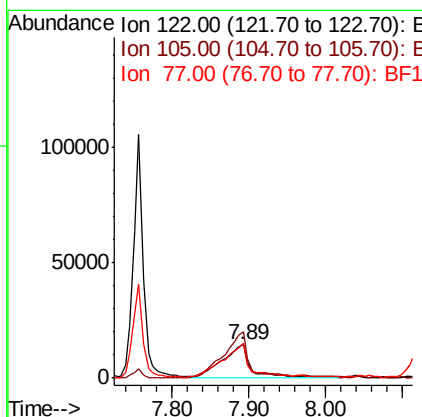
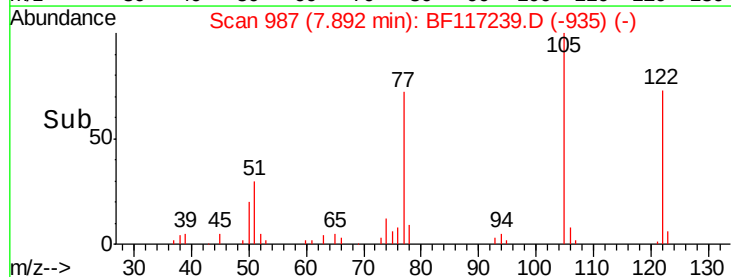
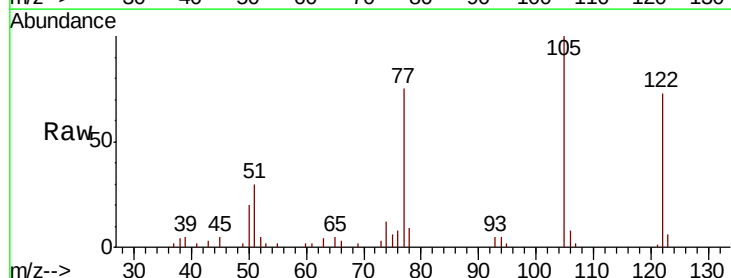
Manual Integrations
APPROVED

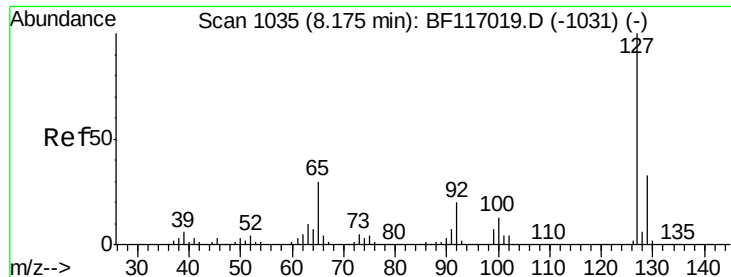
mohammad
9/26/2019 3:53:38 PM



#32
Benzoic acid
Concen: 28.311 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.5	114.8	154.8
77	103.2	78.7	118.7





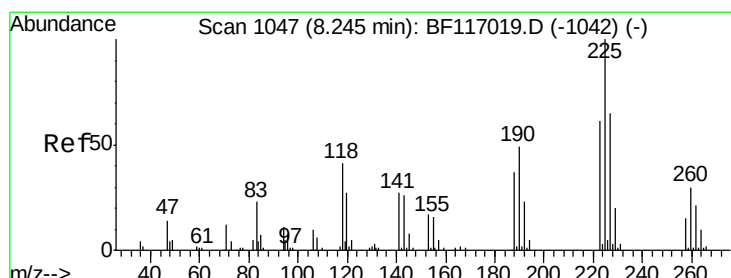
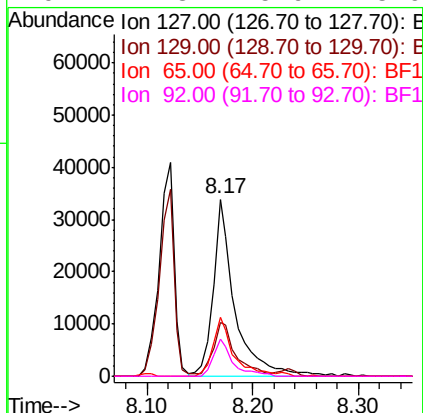
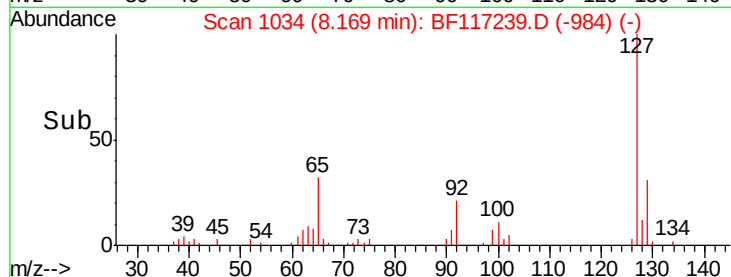
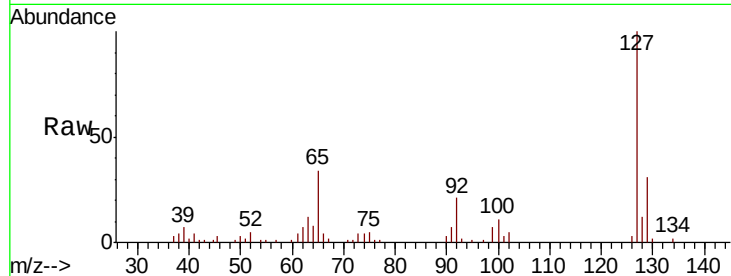
#33
4-Chloroaniline
Concen: 14.258 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		49057		
129	30.5	26.2	39.2		
65	33.6	23.5	35.3		
92	21.3	15.9	23.9		

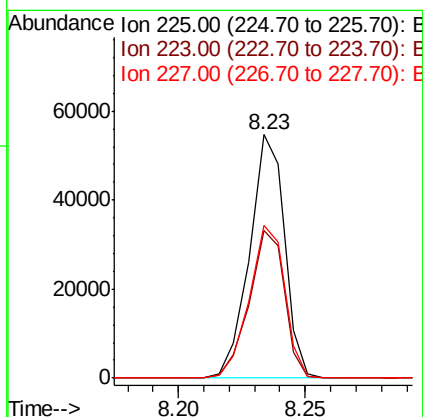
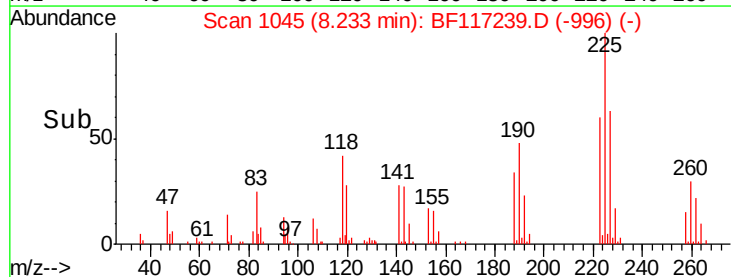
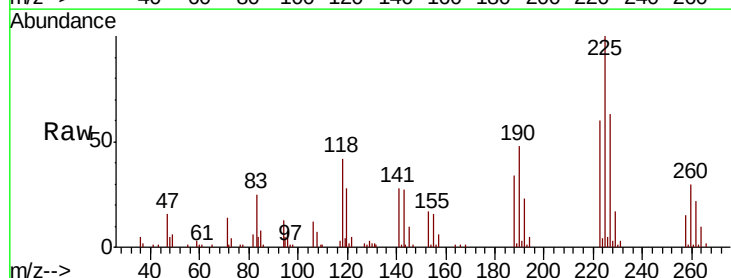
Manual Integrations
APPROVED

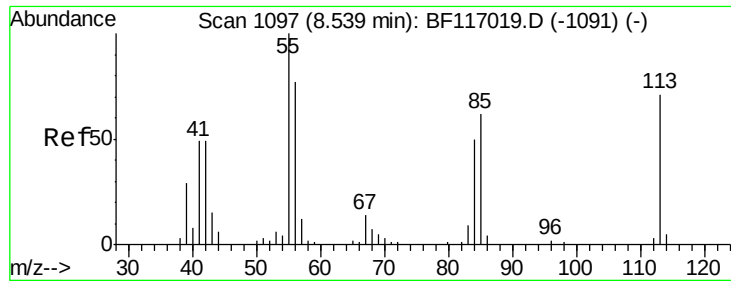
mohammad
9/26/2019 3:53:38 PM



#34
Hexachlorobutadiene
Concen: 39.736 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		52699		
223	60.5	49.1	73.7		
227	62.5	52.2	78.2		





#35

Caprolactam

Concen: 37.735 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

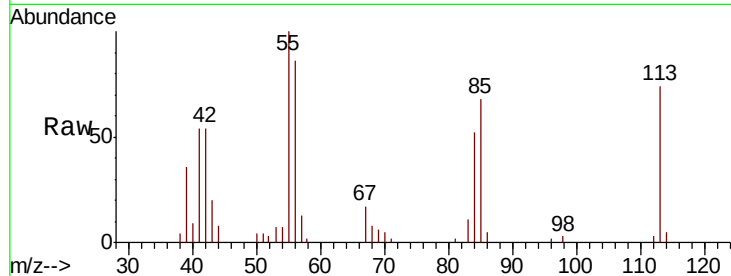
ClientSampleId :

SB-7MSD

Tot Ion:	113	Resp:	27636
Ion	Ratio	Lower	Upper
113	100		
55	135.8	120.6	160.6
56	116.6	88.8	128.8

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

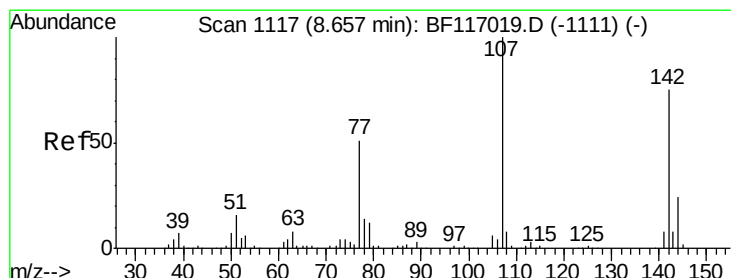
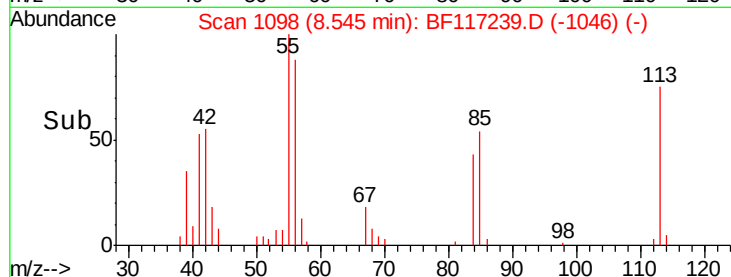
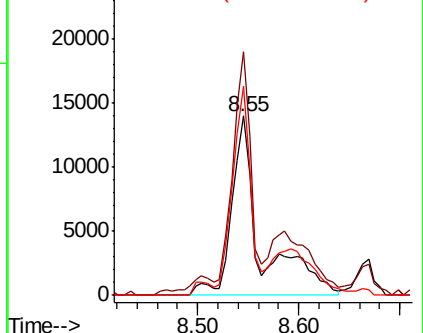


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.962 ng/mL

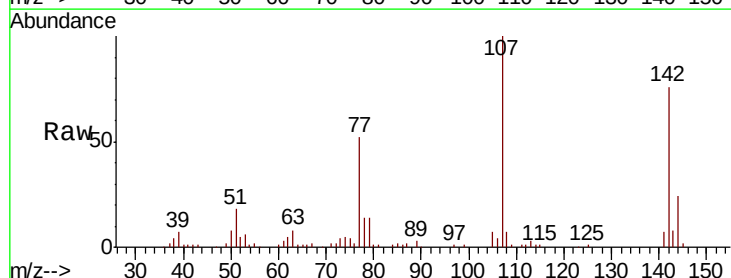
RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	107	Resp:	103344
Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.2	28.8
142	76.0	59.6	89.4

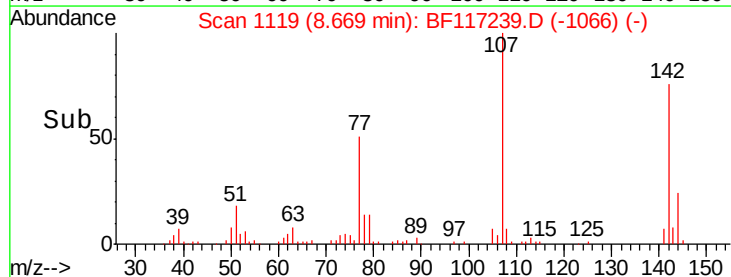
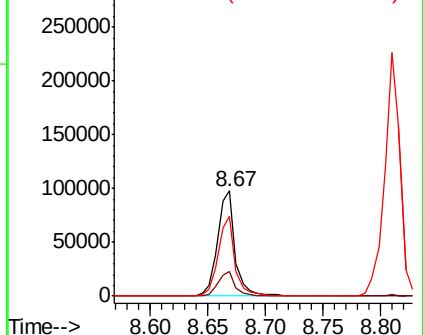


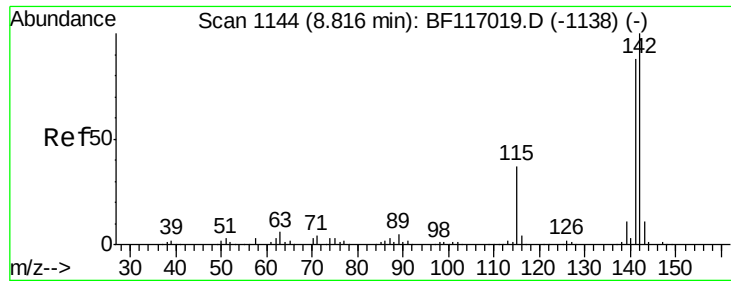
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





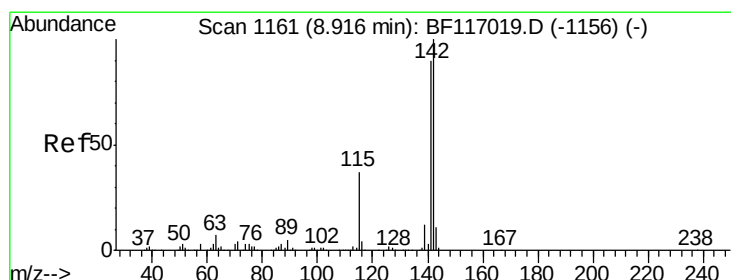
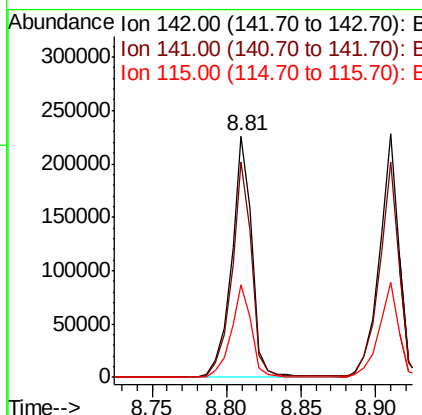
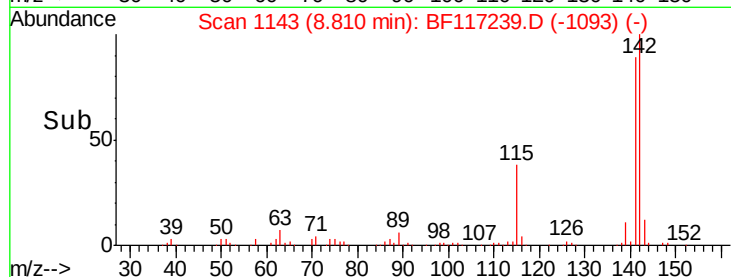
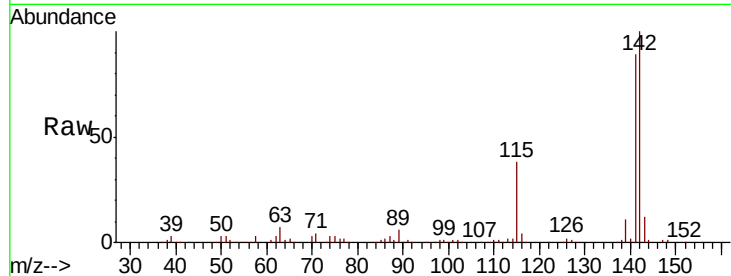
#37
2-Methylnaphthalene
Concen: 41.519 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	38.3	29.4	44.0

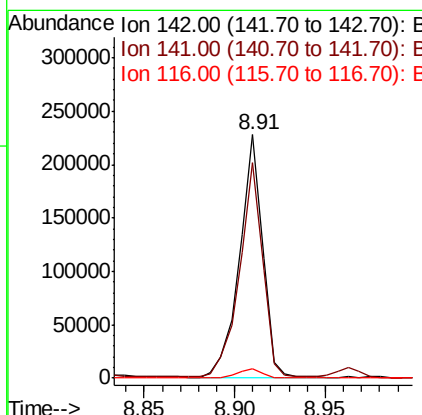
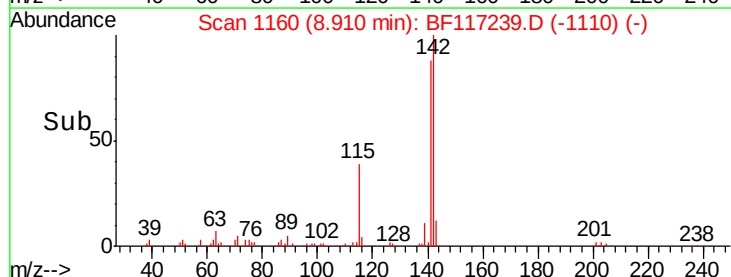
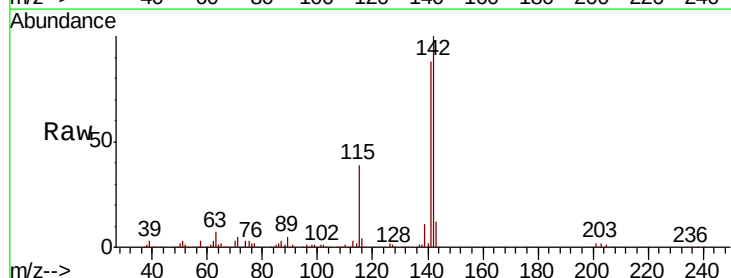
Manual Integrations
APPROVED

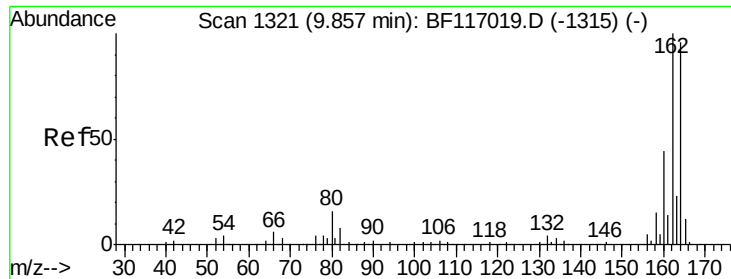
mohammad
9/26/2019 3:53:38 PM



#38
1-Methylnaphthalene
Concen: 41.252 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
116	4.1	3.2	4.8





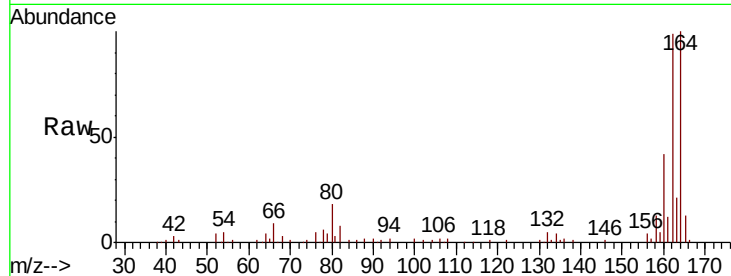
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.4	125.2
160	42.0	36.4	54.6

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

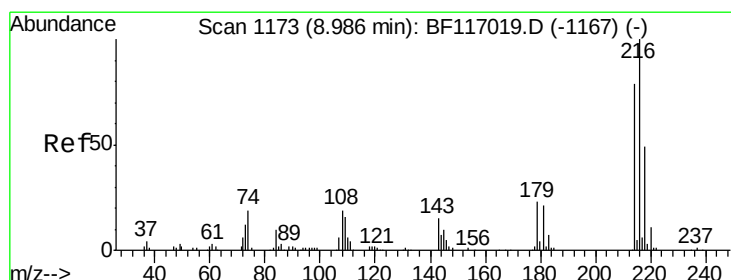
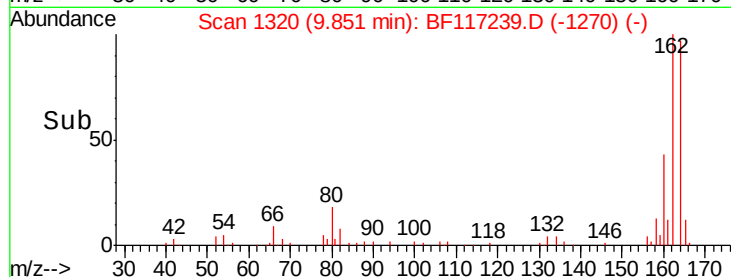
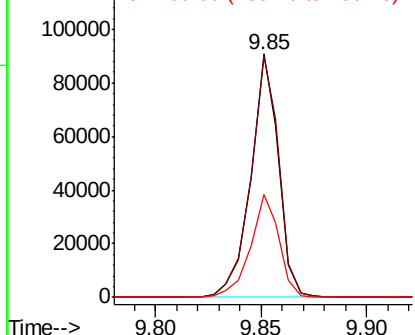


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.290 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.6	95.4
179	23.0	18.3	27.5
108	23.8	17.8	26.6

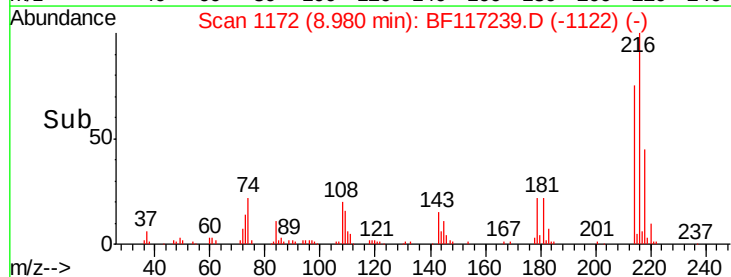
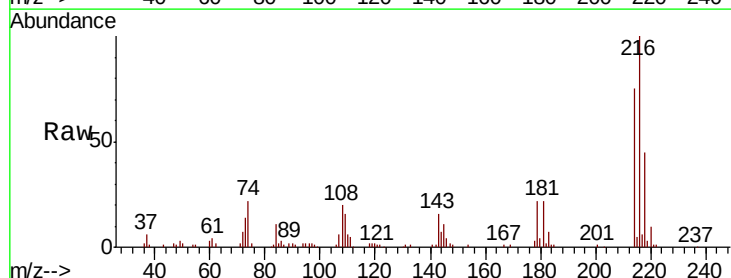
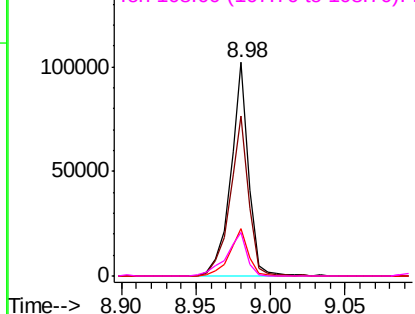
Abundance

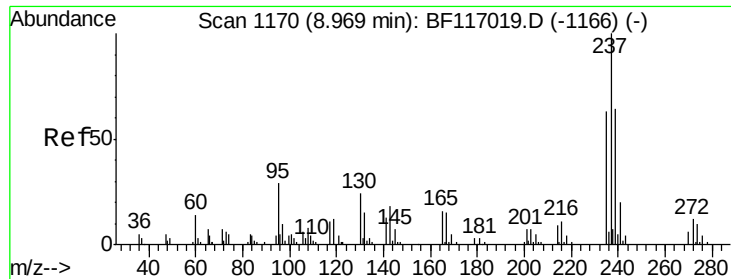
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





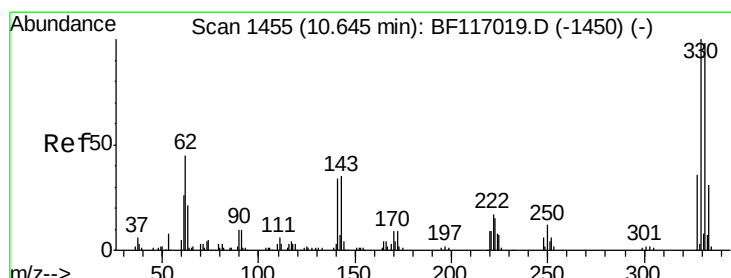
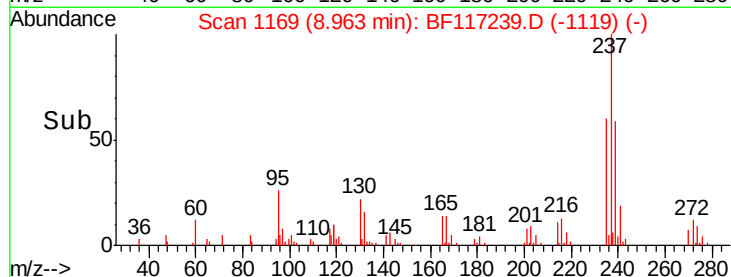
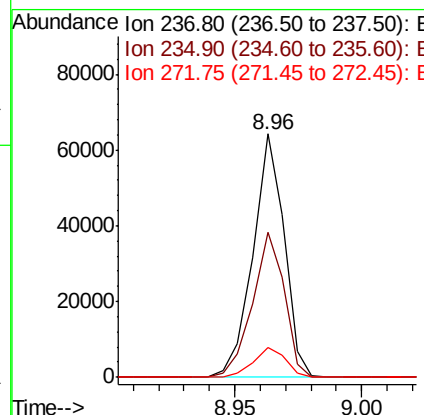
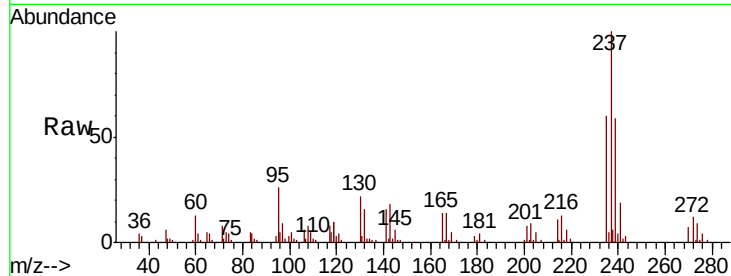
#41
Hexachlorocyclopentadiene
Concen: 60.733 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	59.5	43.2	83.2
272	12.3	0.0	31.9

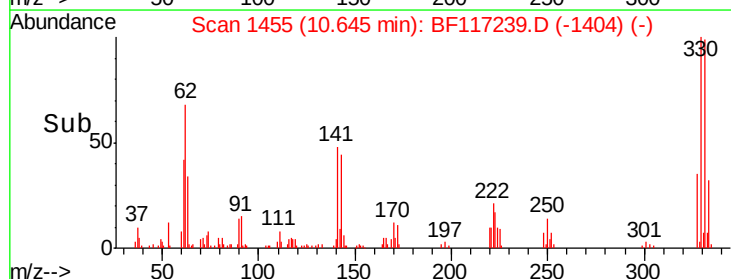
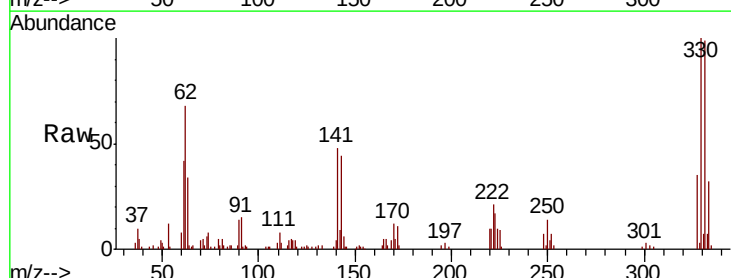
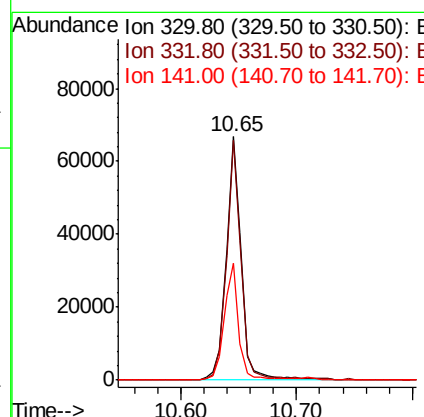
Manual Integrations
APPROVED

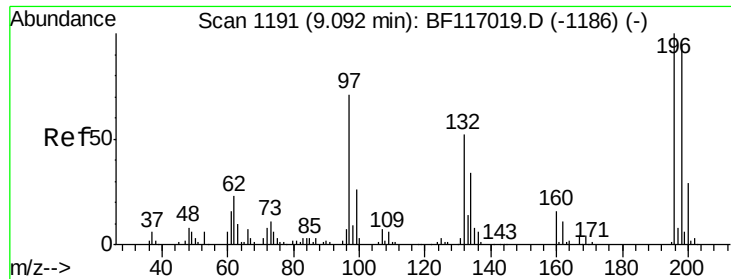
mohammad
9/26/2019 3:53:38 PM



#42
2,4,6-Tribromophenol
Concen: 87.406 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	78.0	117.0
141	46.0	35.8	53.6





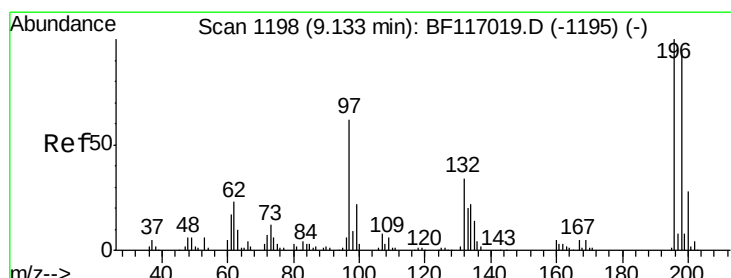
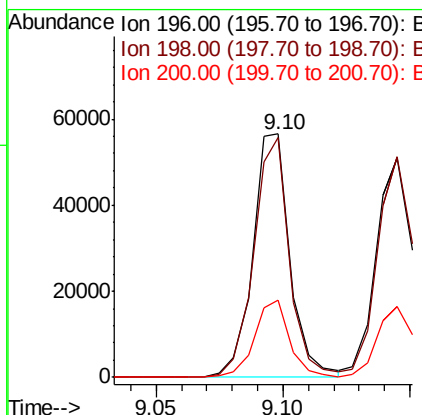
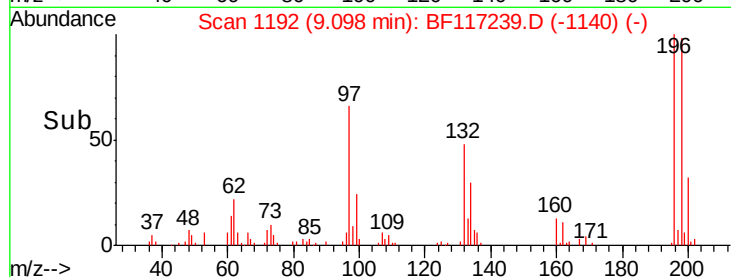
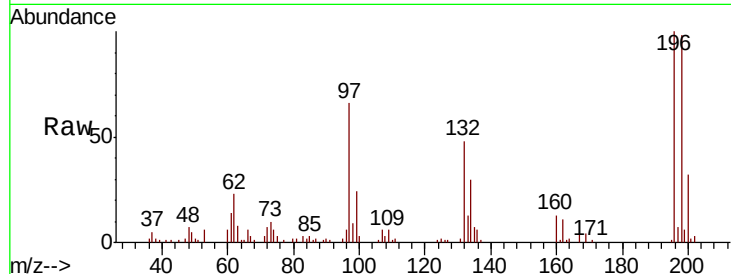
#43
 2,4,6-Trichlorophenol
 Concen: 39.864 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampled :
 SB-7MSD

Tot Ion:	196	Resp:	57732
Ion Ratio	Lower	Upper	
196	100		
198	98.4	75.7	113.5
200	31.5	23.3	34.9

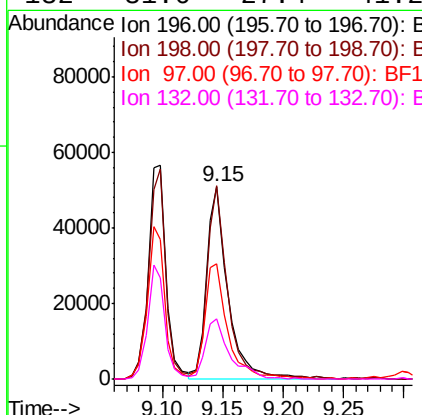
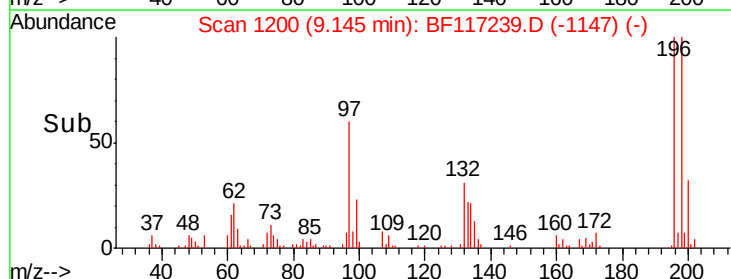
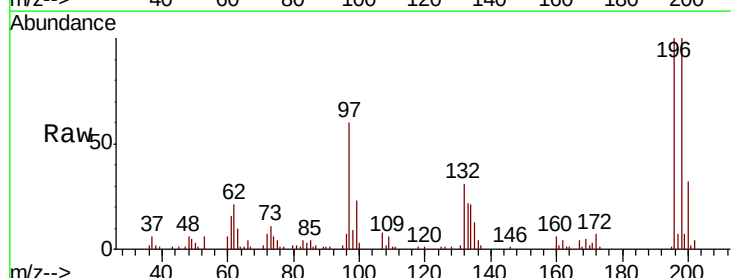
Manual Integrations
 APPROVED

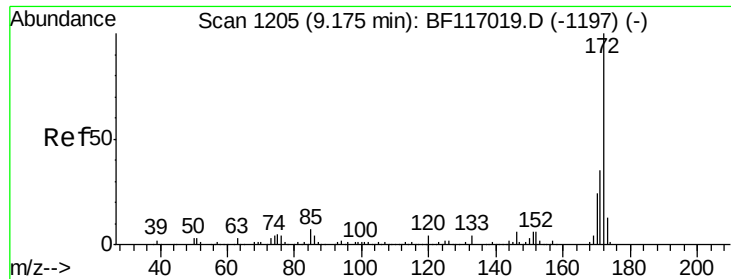
mohammad
 9/26/2019 3:53:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.343 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion:	196	Resp:	62424
Ion Ratio	Lower	Upper	
196	100		
198	100.5	74.6	112.0
97	59.9	49.5	74.3
132	31.6	27.4	41.2





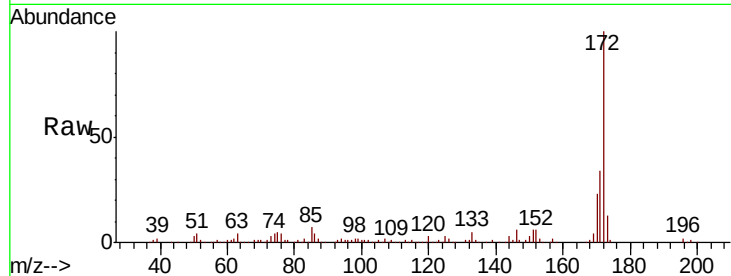
#45
2-Fluorobiphenyl
Concen: 61.069 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.2
170	22.7	18.9	28.3

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

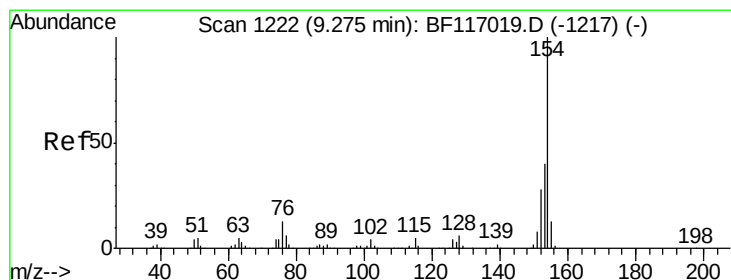
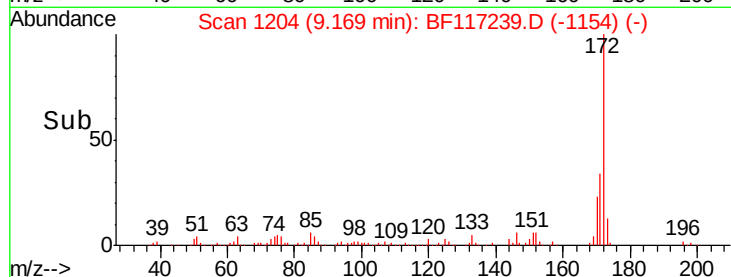
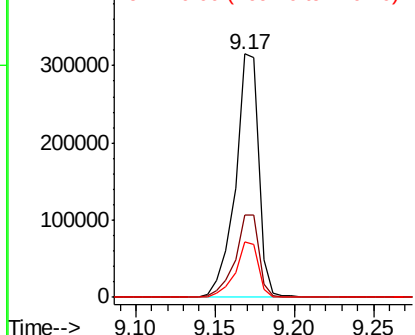


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.179 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

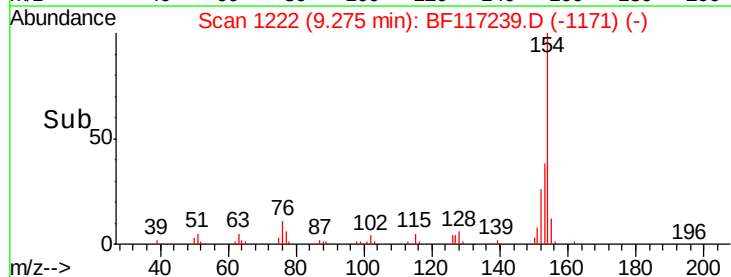
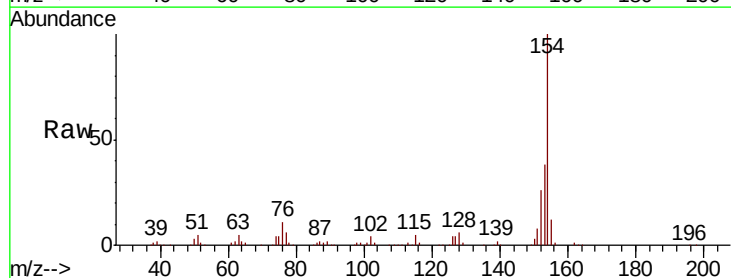
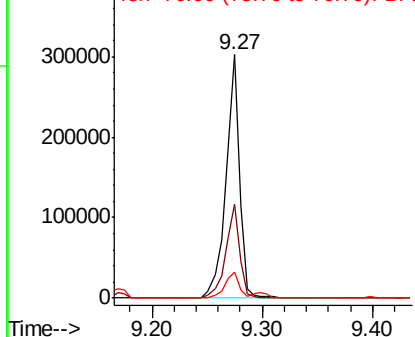
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.4	20.0	60.0
76	10.9	0.0	32.7

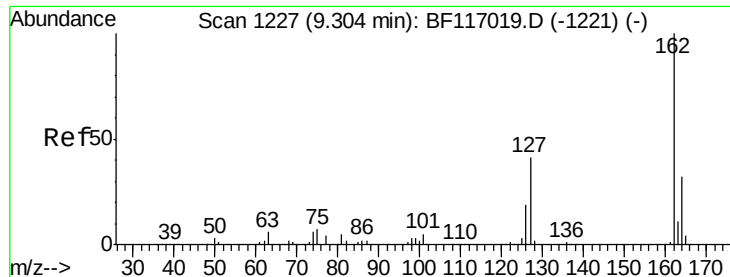
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





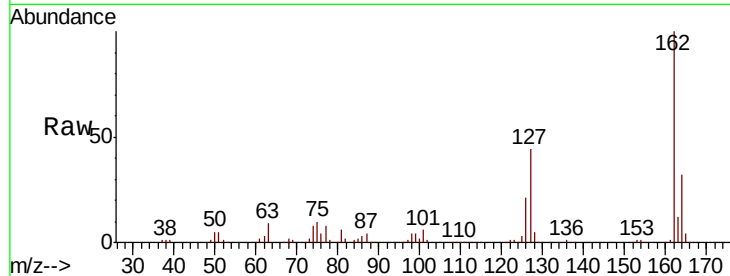
#47
2-Chloronaphthalene
Concen: 39.479 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		201979		
127	44.0	34.1	51.1		
164	31.6	25.9	38.9		

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

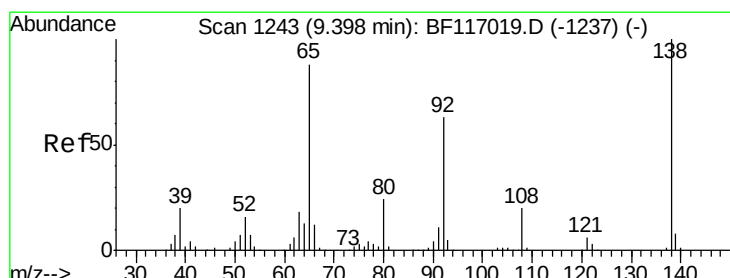
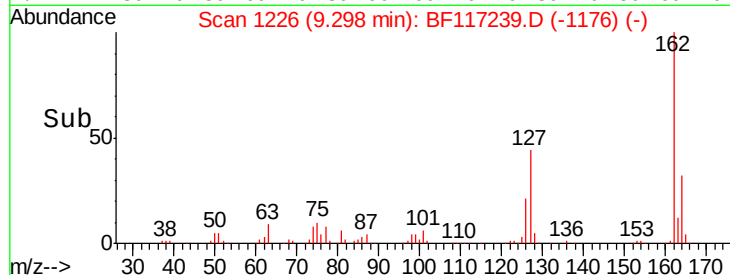
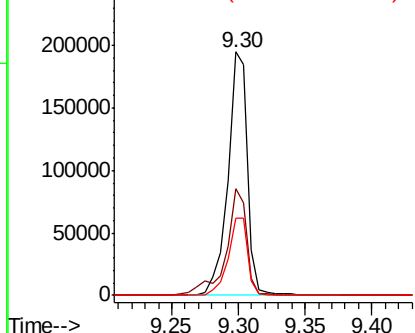


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.142 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

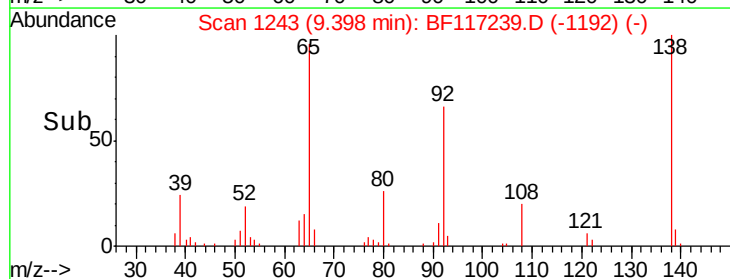
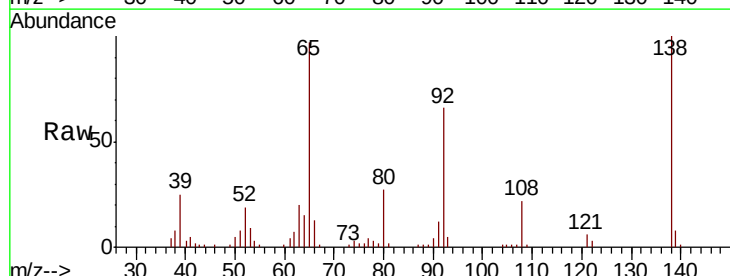
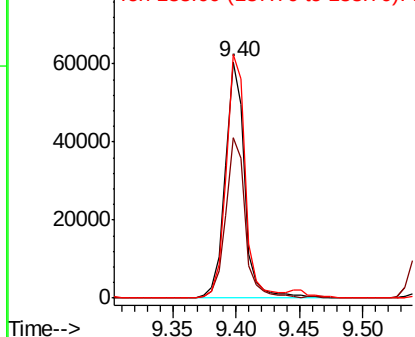
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		64231		
92	67.9	57.5	86.3		
138	103.1	90.6	136.0		

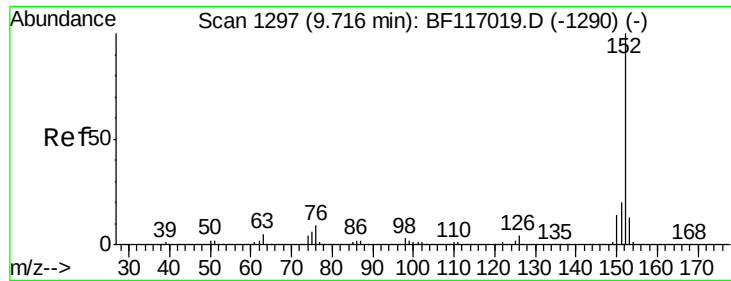
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





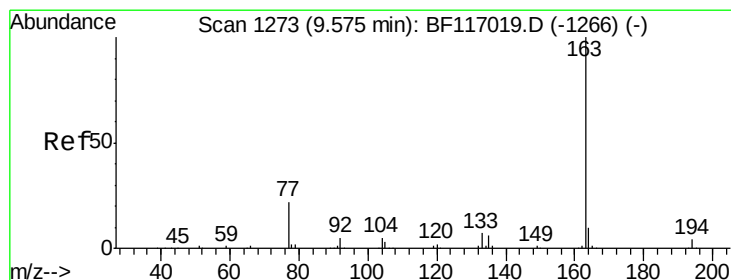
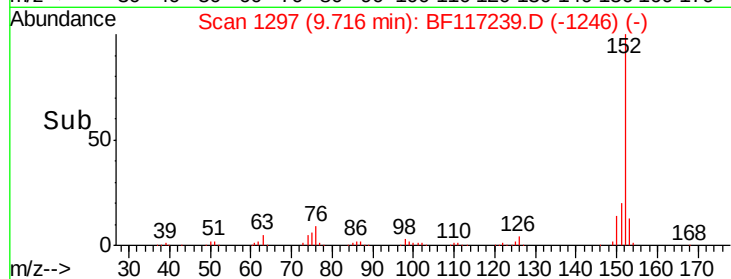
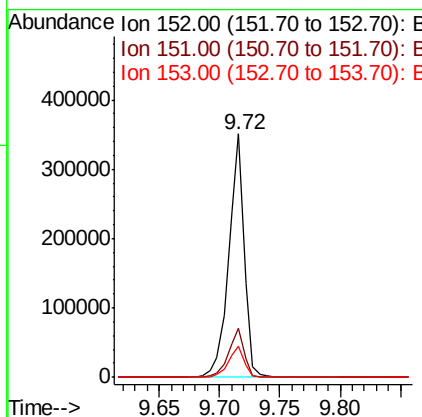
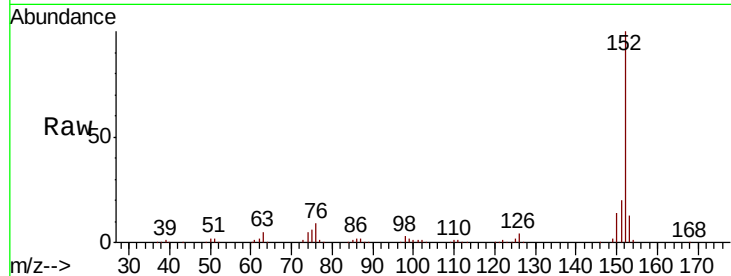
#49
Acenaphthylene
Concen: 40.543 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion:	152	Resp:	310727
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	12.9	10.2	15.4

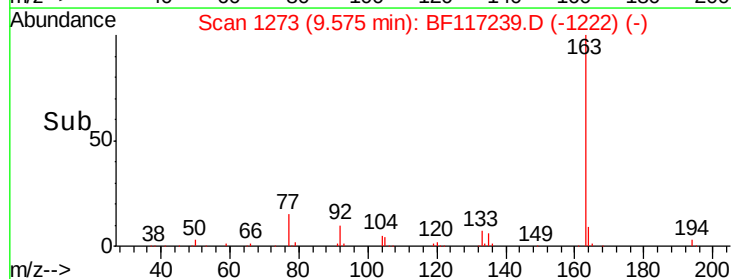
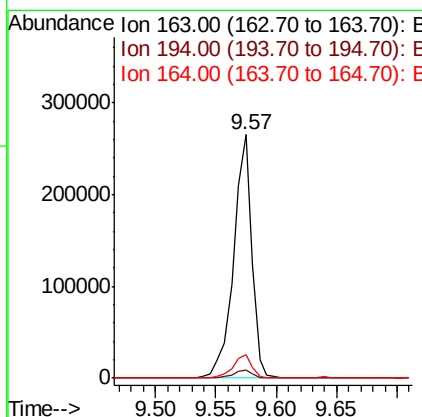
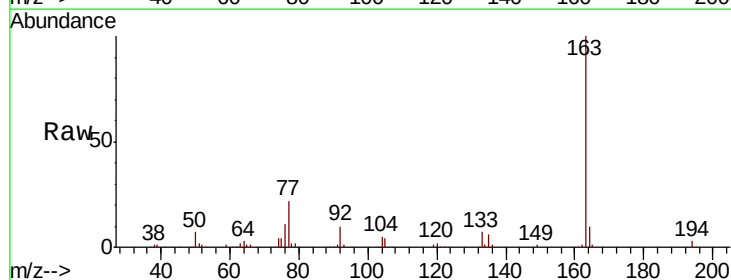
Manual Integrations
APPROVED

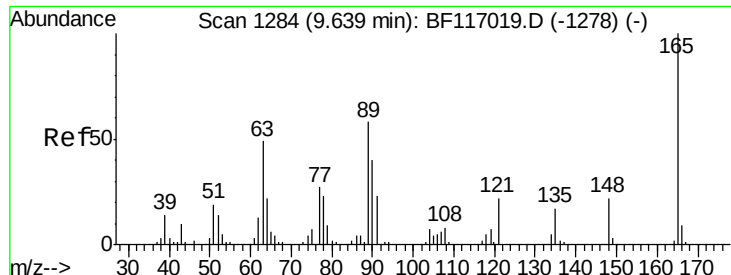
mohammad
9/26/2019 3:53:38 PM



#50
Dimethylphthalate
Concen: 47.938 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:	163	Resp:	280512
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.9	4.3
164	9.6	8.2	12.4





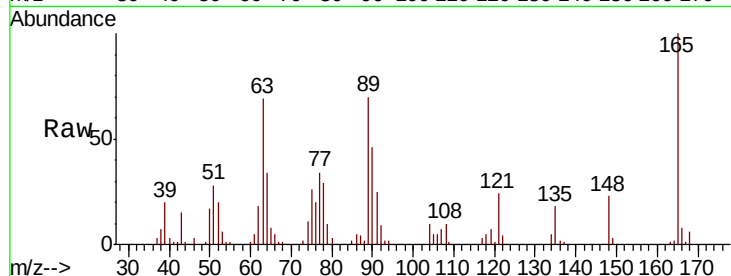
#51
 2,6-Dinitrotoluene
 Concen: 41.735 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	49739		
63	68.8	41.8	62.8#	
89	69.7	46.5	69.7#	

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:53:38 PM

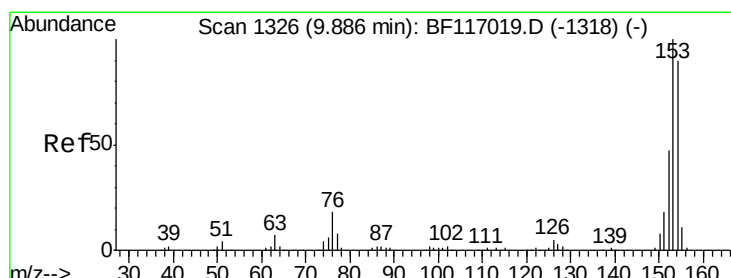
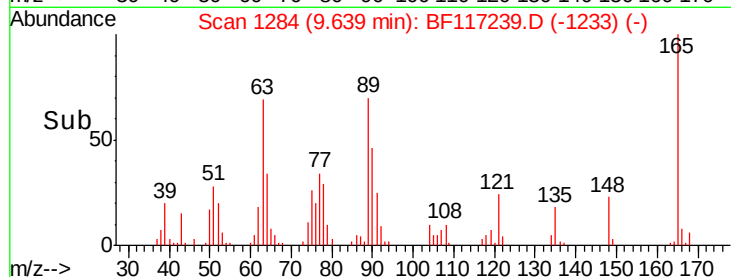
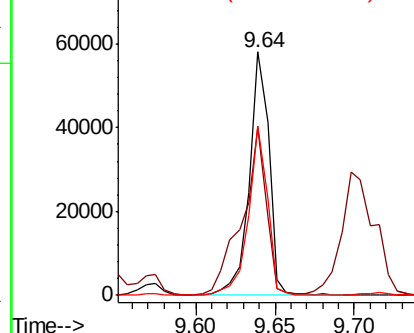


Abundance

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



#52
 Acenaphthene
 Concen: 40.206 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

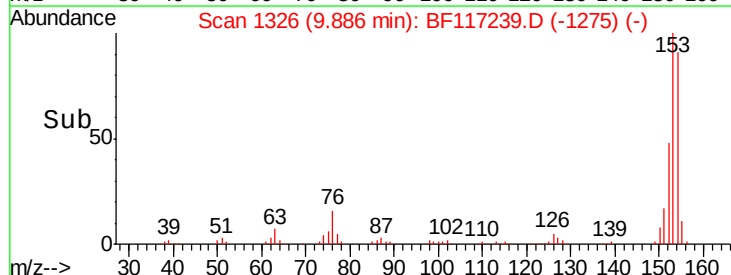
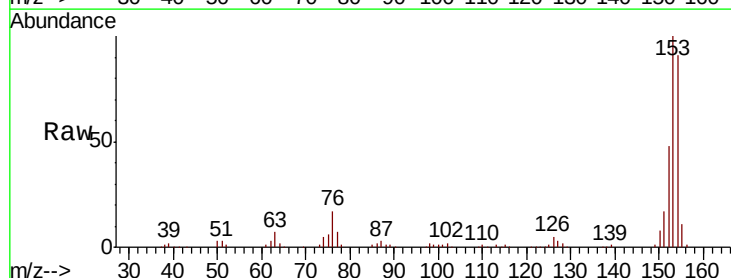
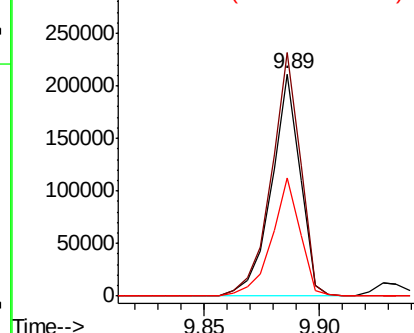
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	182664		
153	109.7	89.0	133.6	
152	53.0	41.9	62.9	

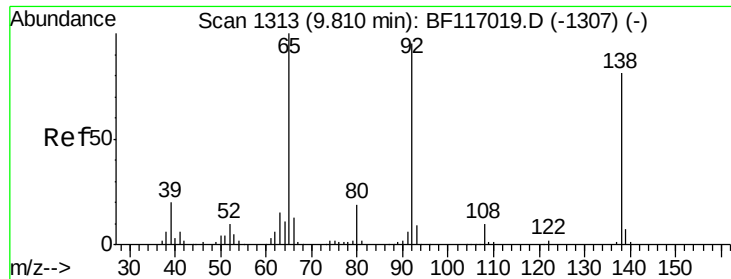
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.963 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

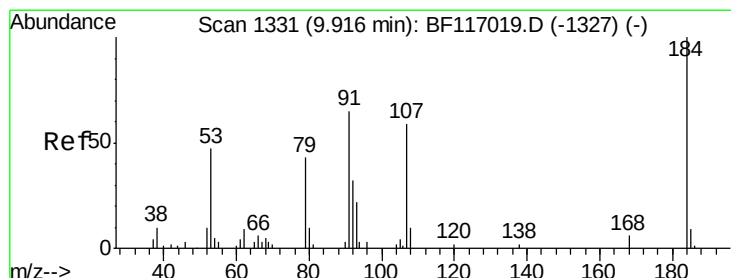
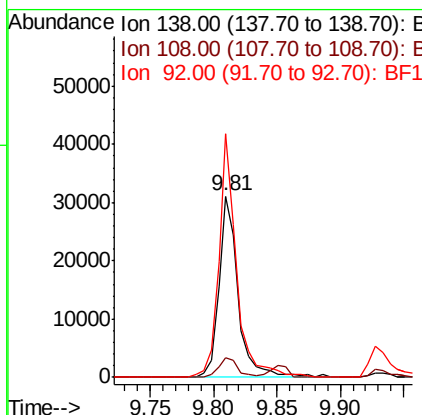
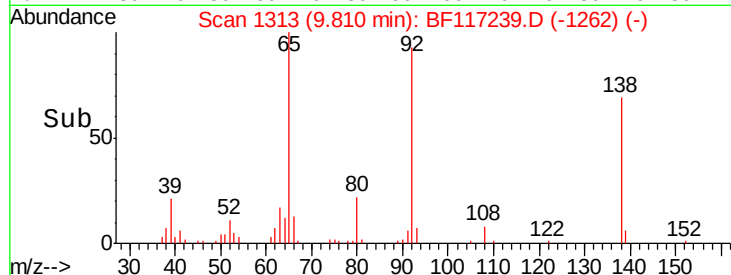
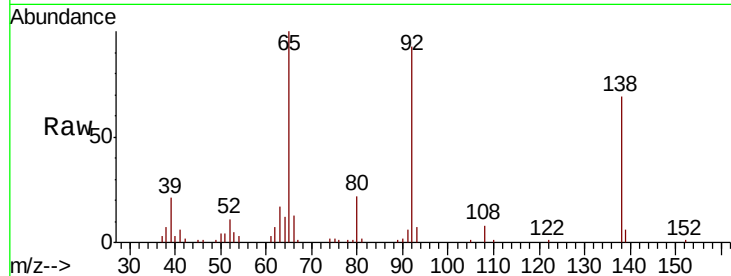
ClientSampled :

SB-7MSD

Tot Ion:	138	Resp:	33024
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.5	14.3
92	134.4	94.1	141.1

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



#54

2,4-Dinitrophenol

Concen: 43.801 ng

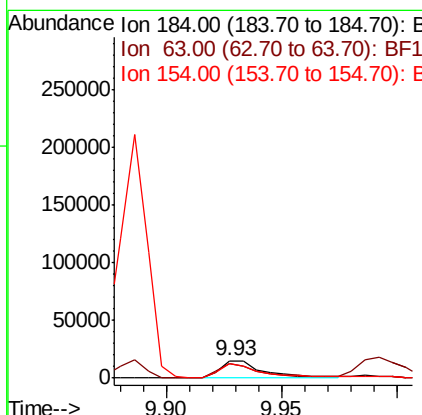
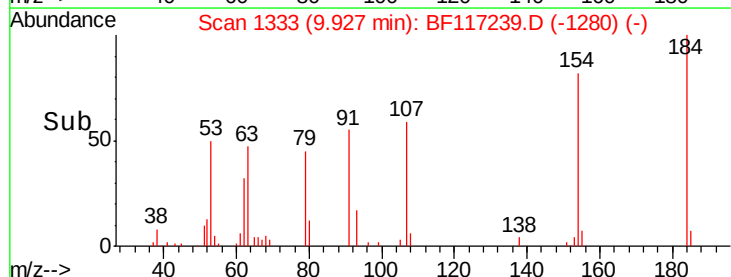
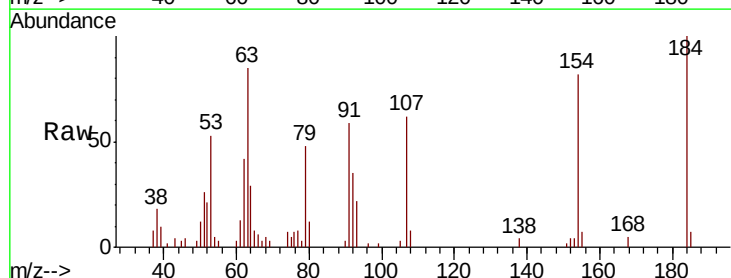
RT: 9.93 min Scan# 1333

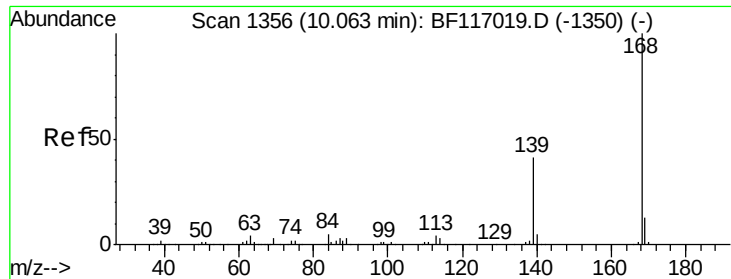
Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	184	Resp:	20129
Ion Ratio	Lower	Upper	
184	100		
63	84.8	63.8	95.6
154	81.6	60.4	90.6





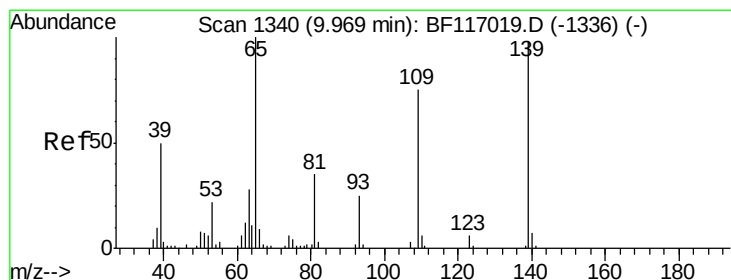
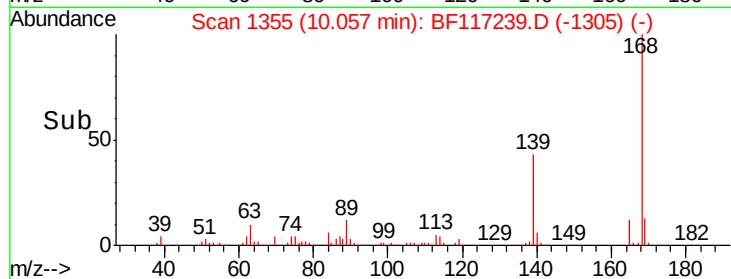
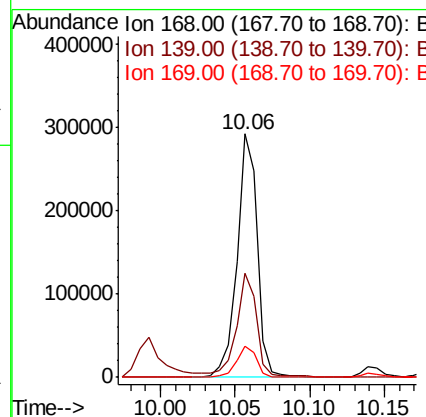
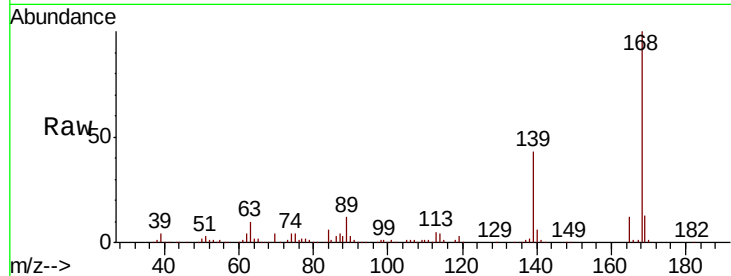
#55
Dibenzofuran
Concen: 41.817 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	280307		
139	42.6		32.8	49.2
169	12.9		10.5	15.7

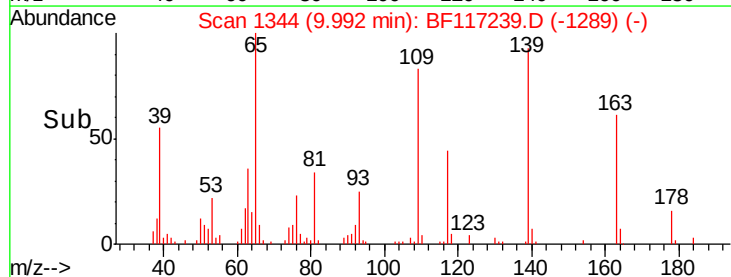
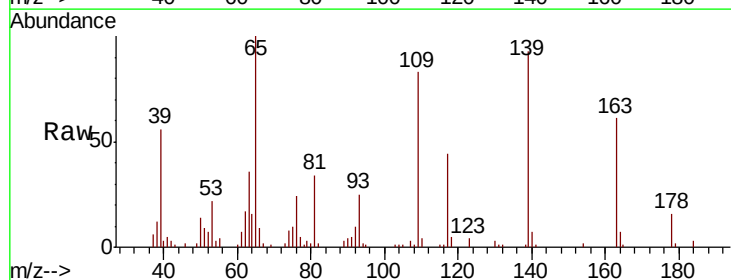
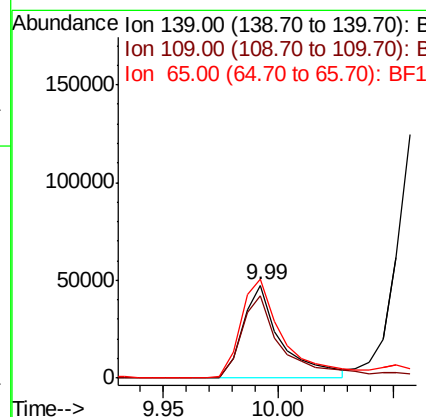
Manual Integrations
APPROVED

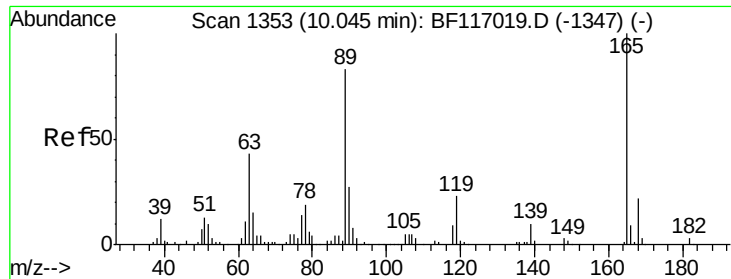
mohammad
9/26/2019 3:53:38 PM



#56
4-Nitrophenol
Concen: 56.699 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55255		
109	89.3		56.4	96.4
65	107.1		82.5	122.5





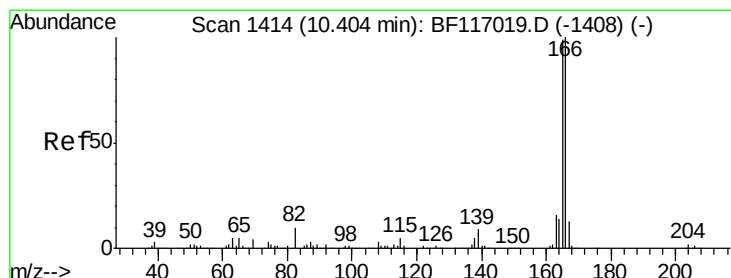
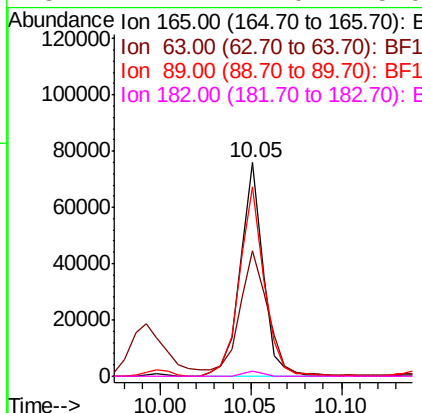
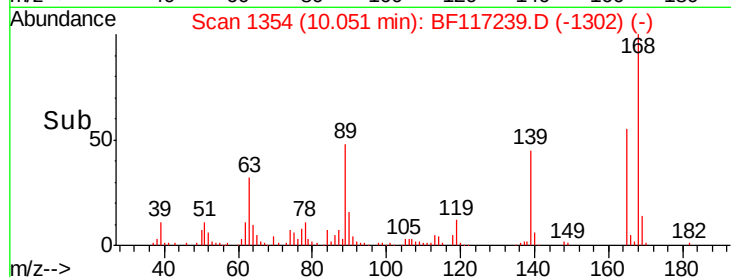
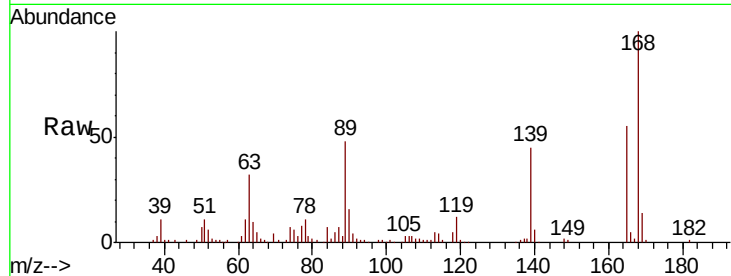
#57
 2,4-Dinitrotoluene
 Concen: 43.108 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	66688		
63	59.0	35.0	52.4	#
89	88.5	66.1	99.1	
182	2.2	2.0	3.0	

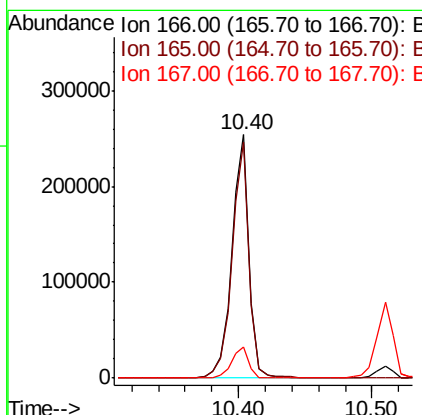
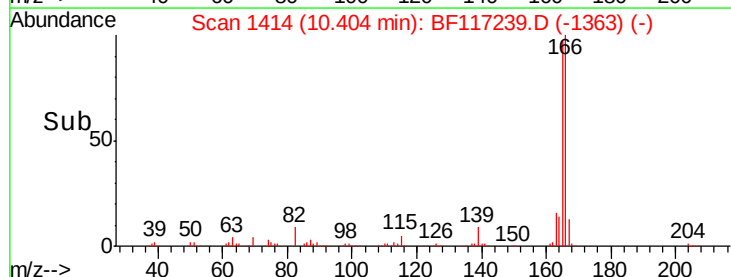
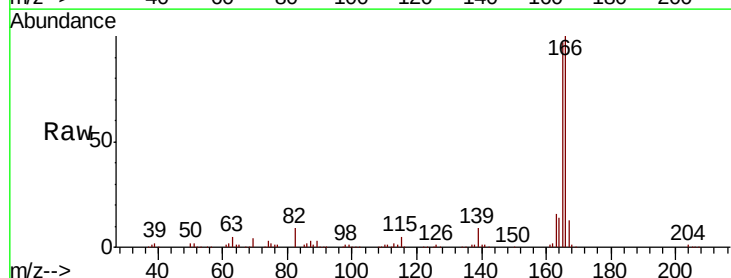
Manual Integrations
 APPROVED

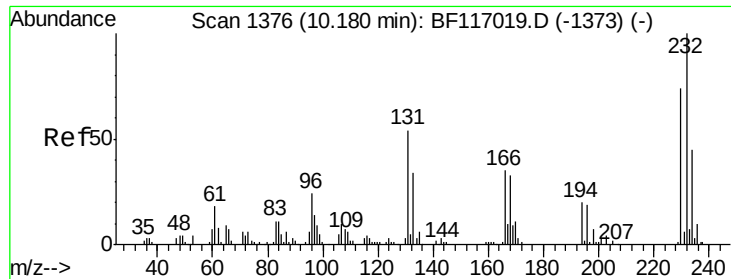
mohammad
 9/26/2019 3:53:38 PM



#58
 Fluorene
 Concen: 42.522 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	229606		
165	96.9	78.9	118.3	
167	12.6	10.6	15.8	





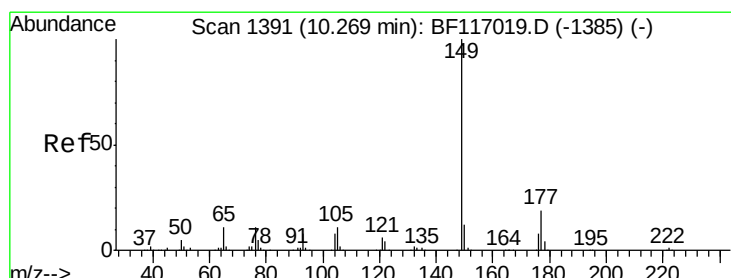
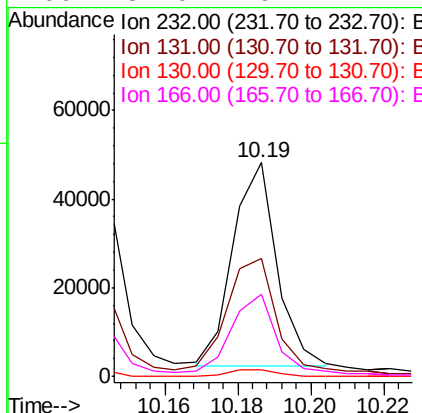
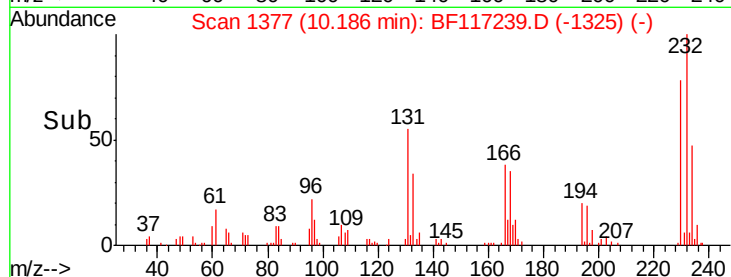
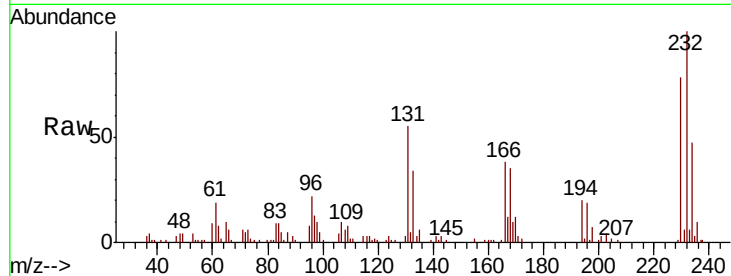
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.755 ng m
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		38785		
131	55.9	45.3	67.9		
130	2.8	1.8	2.8#		
166	32.0	29.4	44.2		

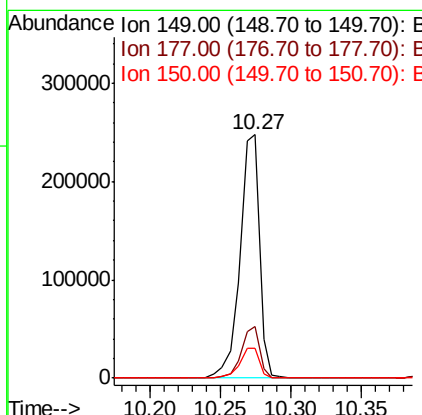
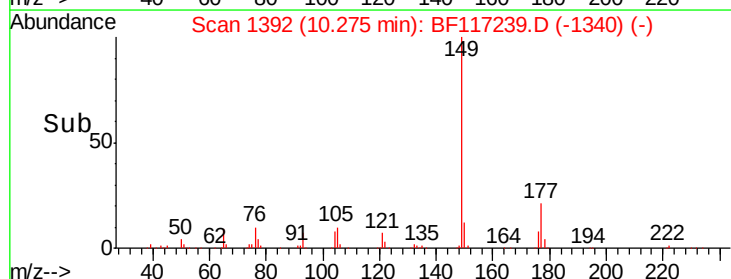
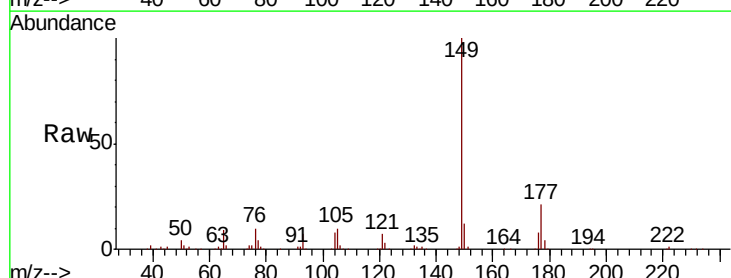
Manual Integrations
APPROVED

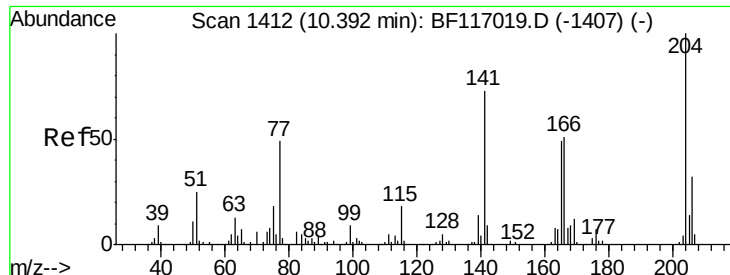
mohammad
9/26/2019 3:53:38 PM



#60
Diethylphthalate
Concen: 41.379 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		238212		
177	21.0	15.2	22.8		
150	12.2	9.9	14.9		





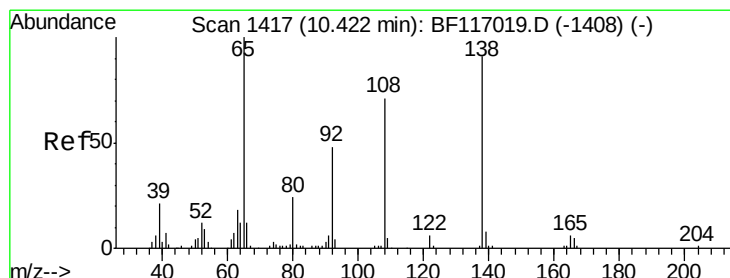
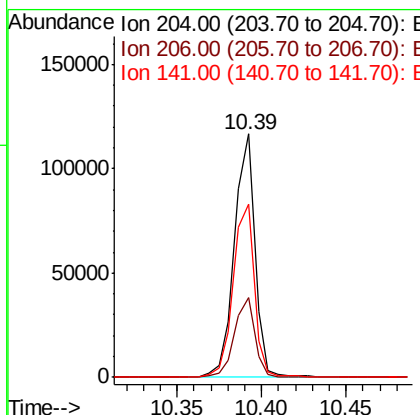
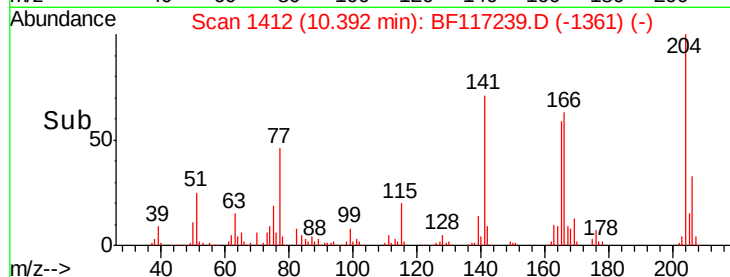
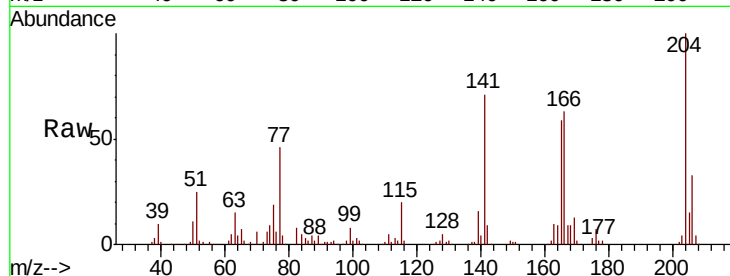
#61
4-Chlorophenyl-phenylether
Concen: 42.264 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	71.3	58.2	87.2

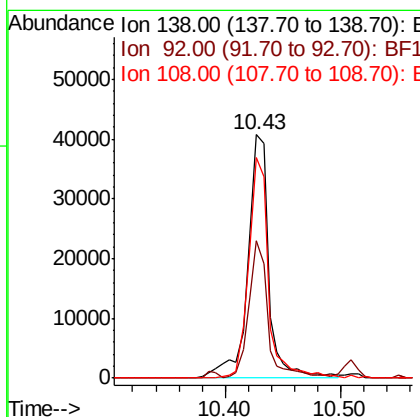
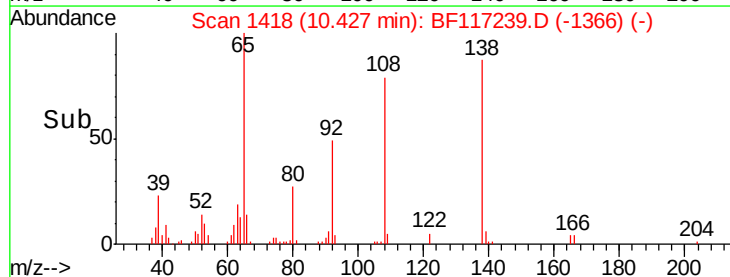
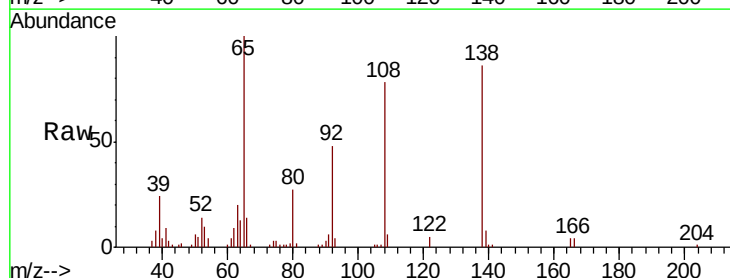
Manual Integrations
APPROVED

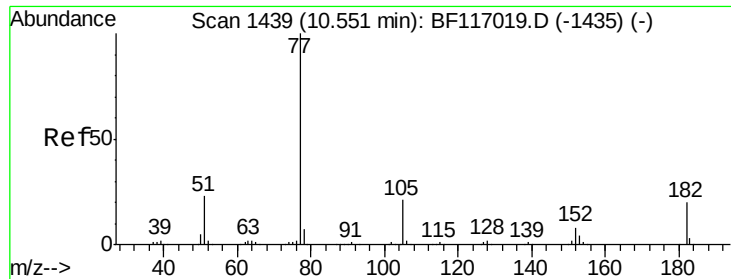
mohammad
9/26/2019 3:53:38 PM



#62
4-Nitroaniline
Concen: 33.162 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	32.9	72.9
108	90.8	58.3	98.3





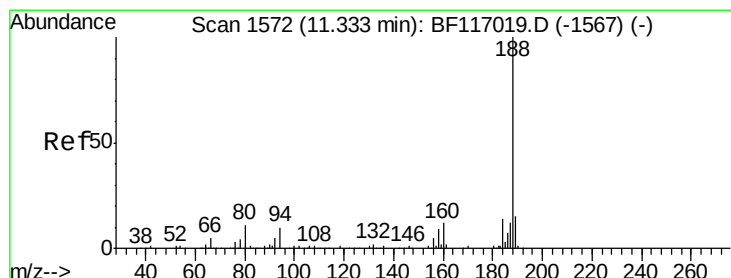
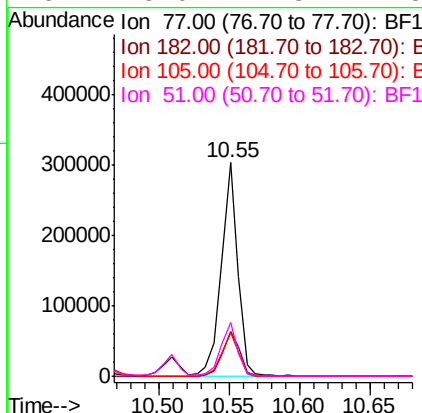
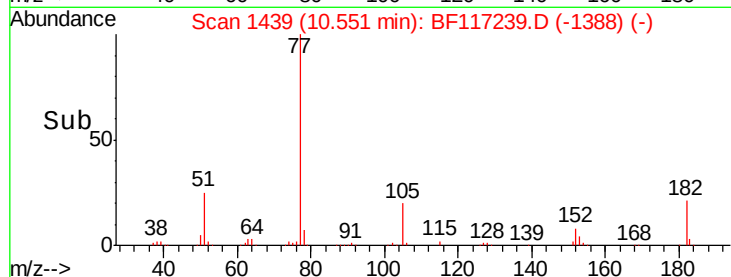
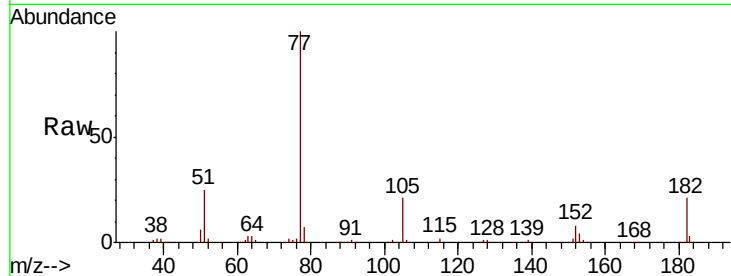
#63
Azobenzene
Concen: 42.003 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	246964		
182	21.2	0.4	40.4	
105	20.6	0.9	40.9	
51	25.0	2.8	42.8	

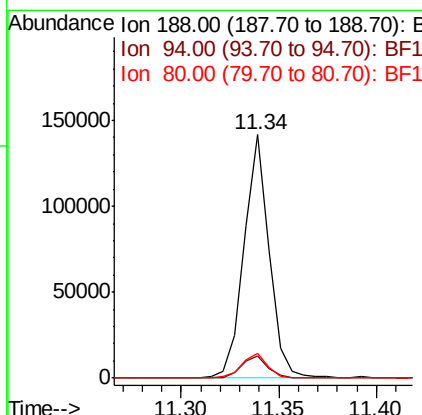
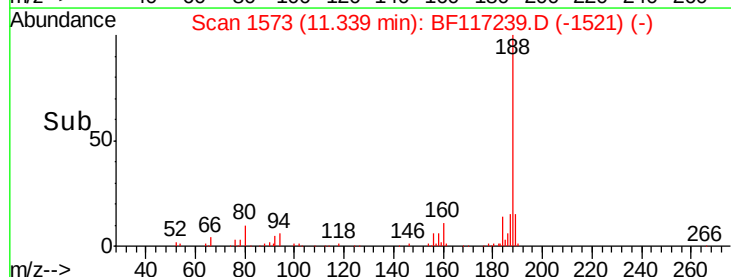
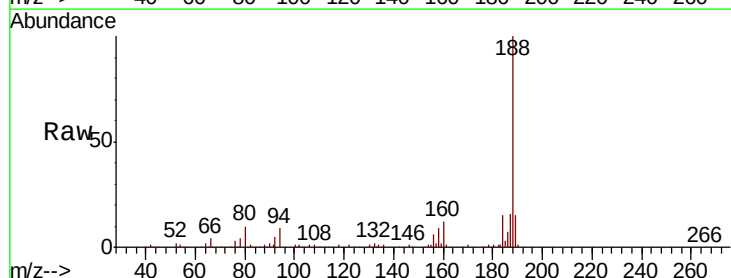
Manual Integrations
APPROVED

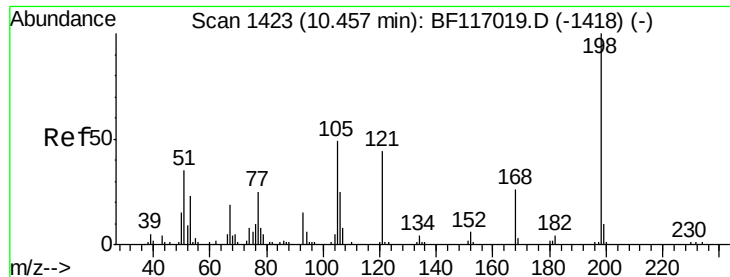
mohammad
9/26/2019 3:53:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	126776		
94	9.1	8.2	12.2	
80	10.4	9.0	13.6	





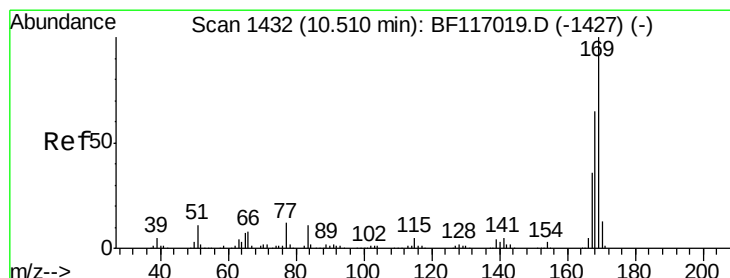
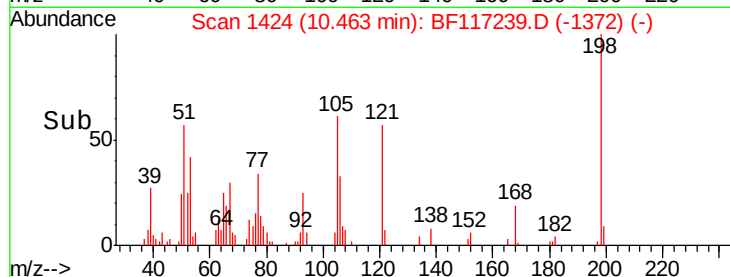
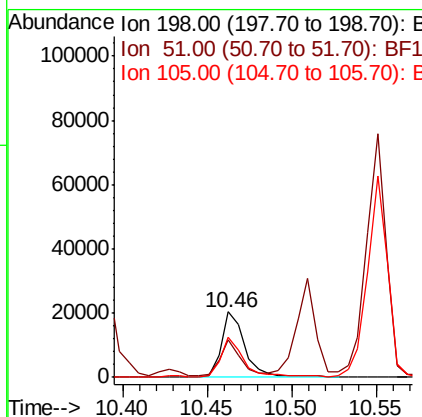
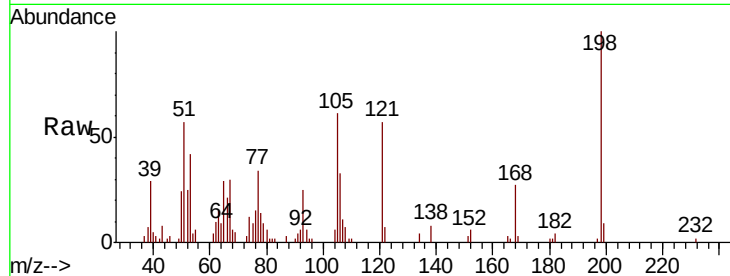
#65
4,6-Dinitro-2-methylphenol
Concen: 36.424 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.1	18.7	58.7
105	61.2	30.2	70.2

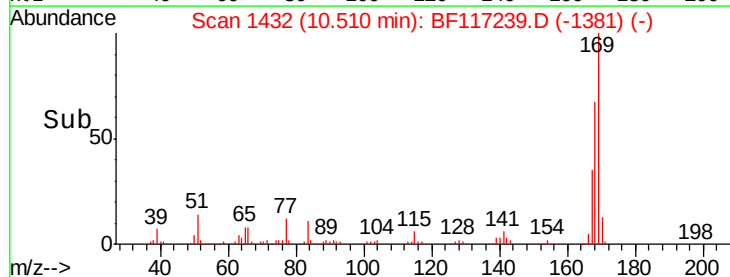
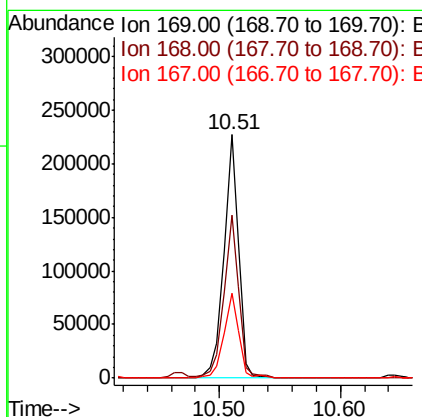
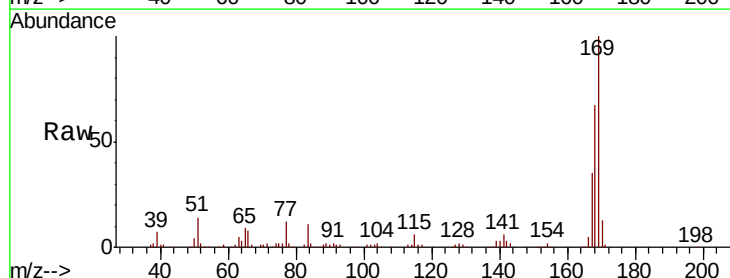
Manual Integrations
APPROVED

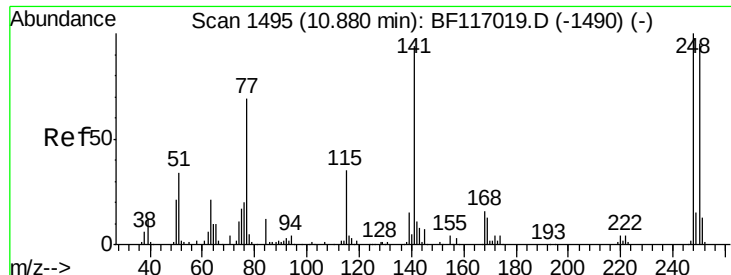
mohammad
9/26/2019 3:53:38 PM



#66
n-Nitrosodiphenylamine
Concen: 43.799 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	52.2	78.2
167	35.0	28.8	43.2





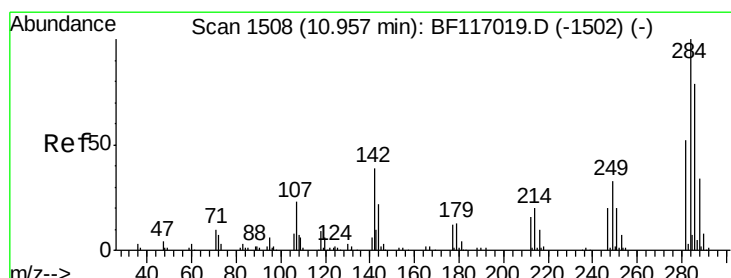
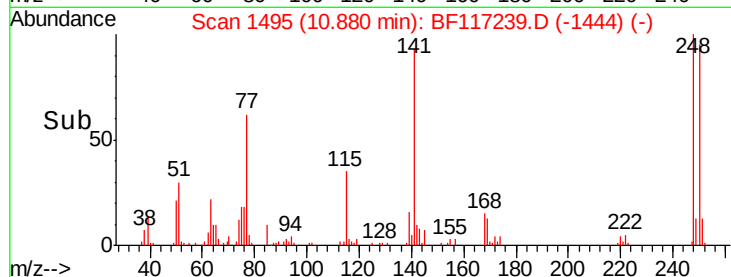
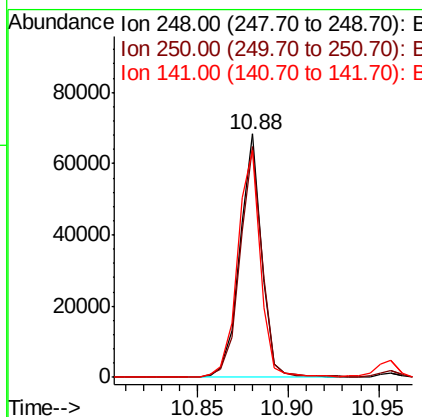
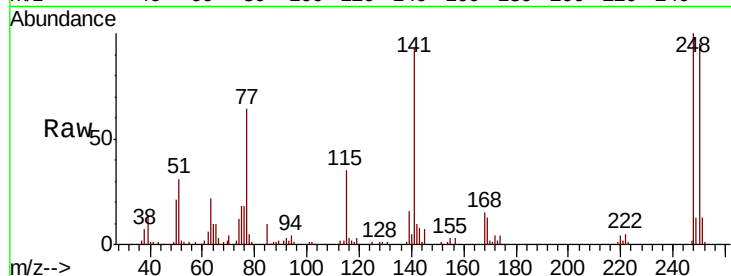
#67
 4-Bromophenyl-phenylether
 Concen: 44.142 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion:	248	Resp:	57150
Ion Ratio	Lower	Upper	
248	100		
250	94.6	76.2	114.4
141	93.4	75.0	112.4

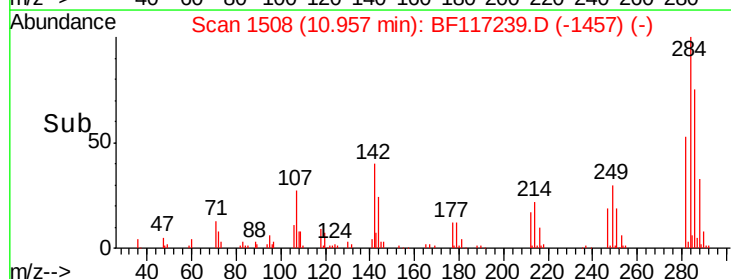
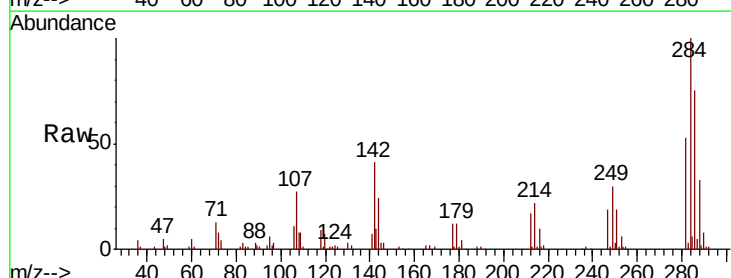
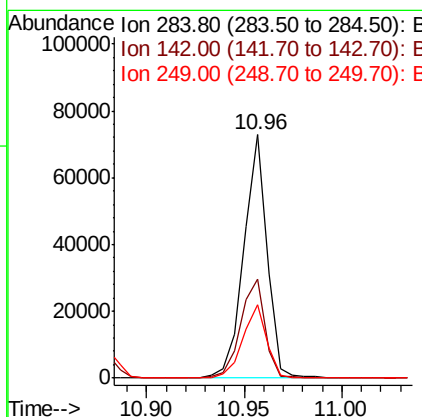
Manual Integrations
 APPROVED

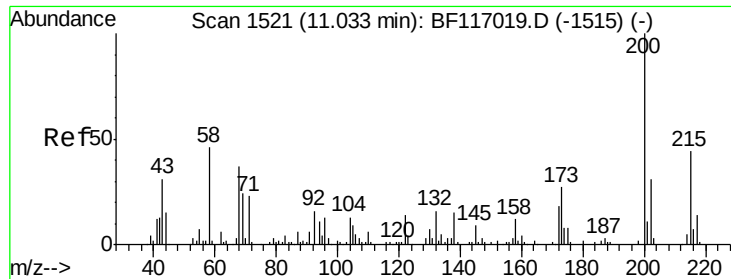
mohammad
 9/26/2019 3:53:38 PM



#68
 Hexachlorobenzene
 Concen: 42.621 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion:	284	Resp:	60354
Ion Ratio	Lower	Upper	
284	100		
142	40.7	31.4	47.2
249	30.1	26.5	39.7





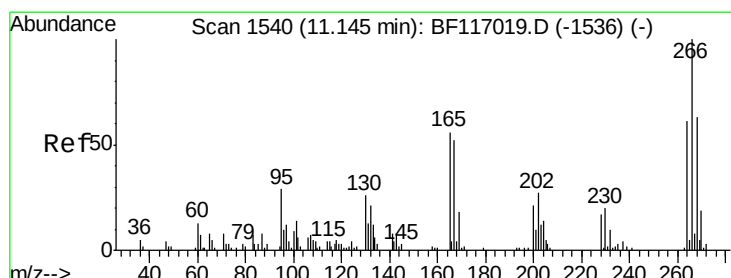
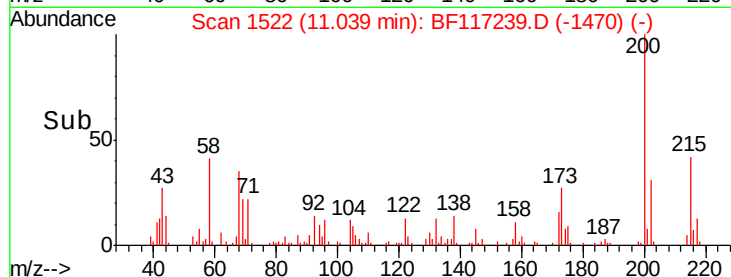
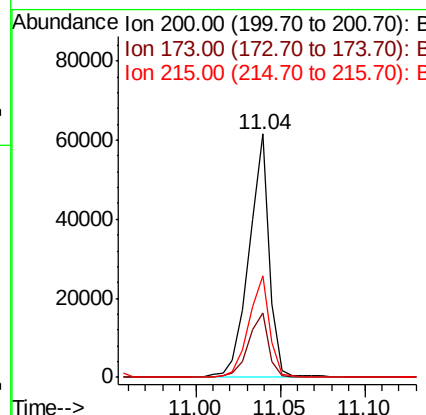
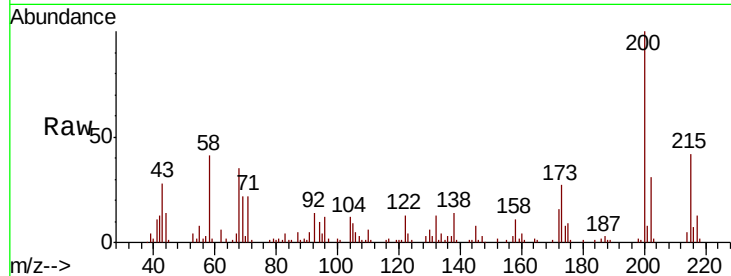
#69
 Atrazine
 Concen: 48.363 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	51640		
173	26.7	6.9	46.9	
215	41.7	23.8	63.8	

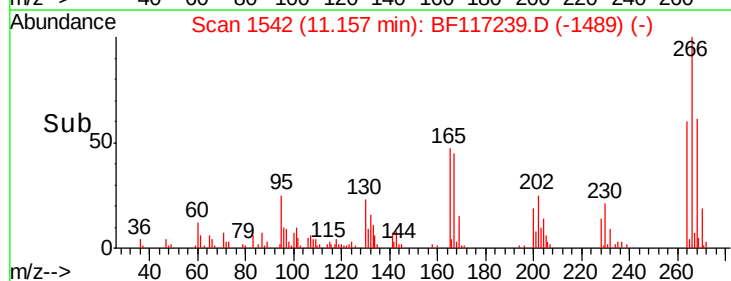
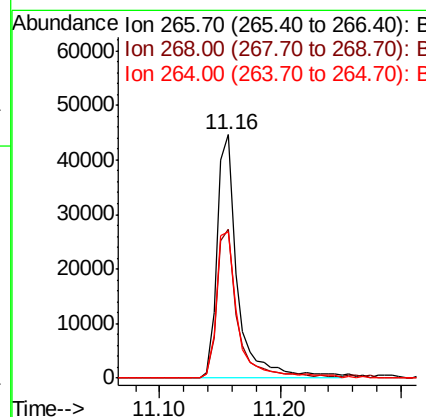
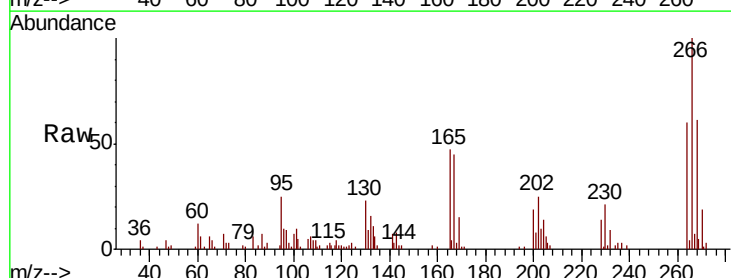
Manual Integrations
 APPROVED

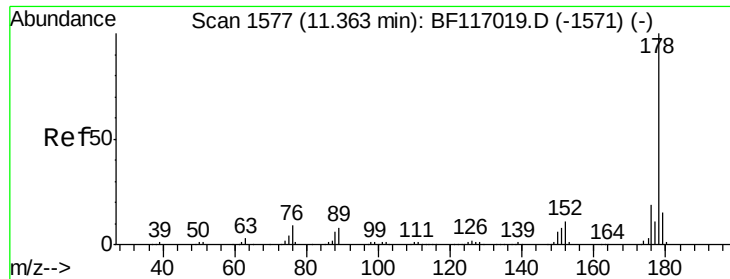
mohammad
 9/26/2019 3:53:38 PM



#70
 Pentachlorophenol
 Concen: 78.386 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	52031		
268	60.9	50.5	75.7	
264	60.1	48.8	73.2	





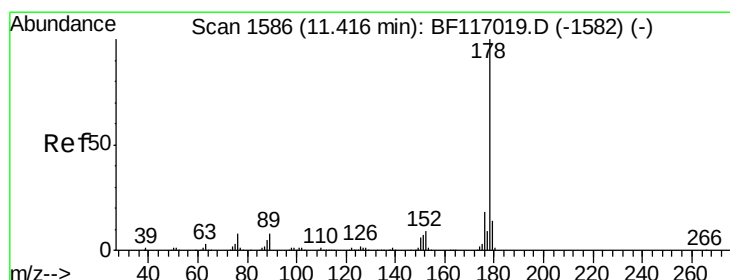
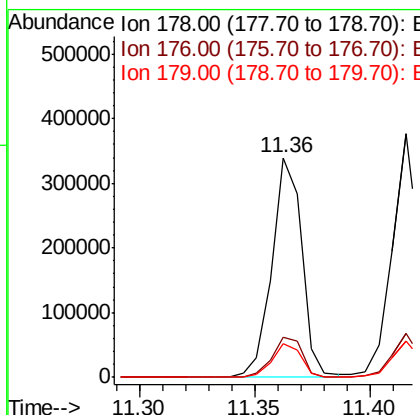
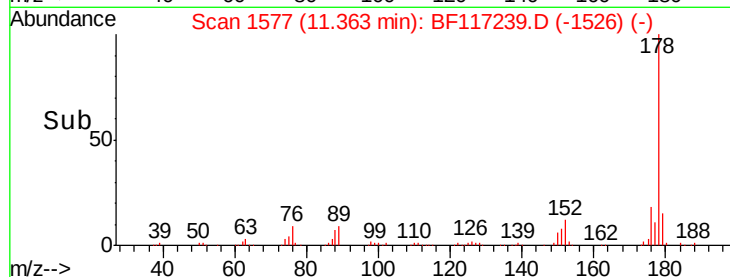
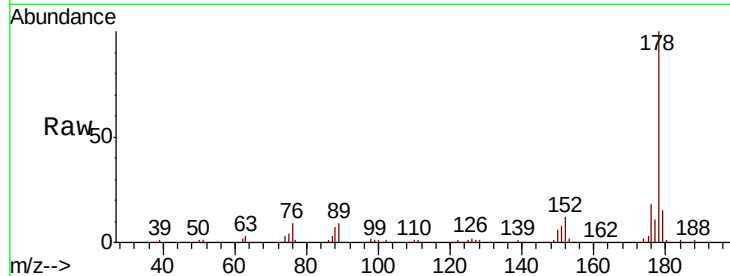
#71
Phenanthrene
Concen: 42.459 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.5	12.4	18.6

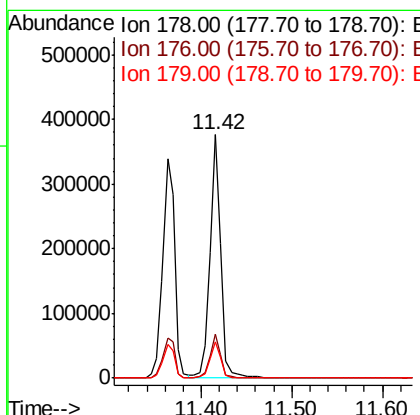
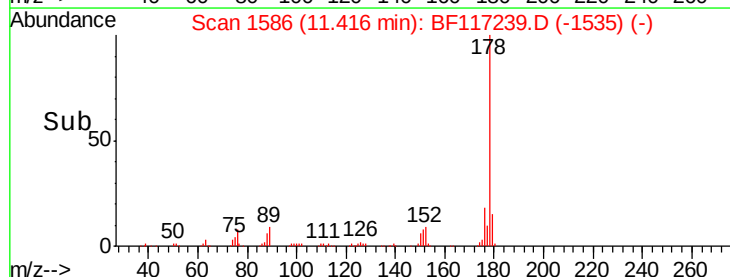
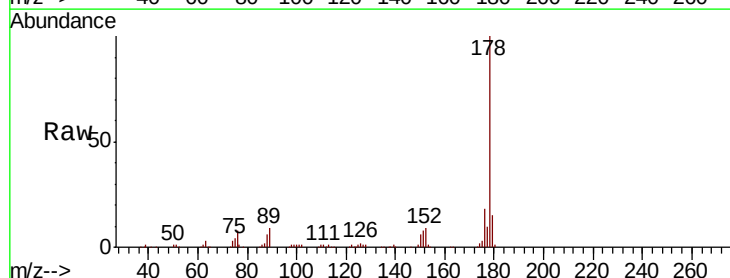
Manual Integrations
APPROVED

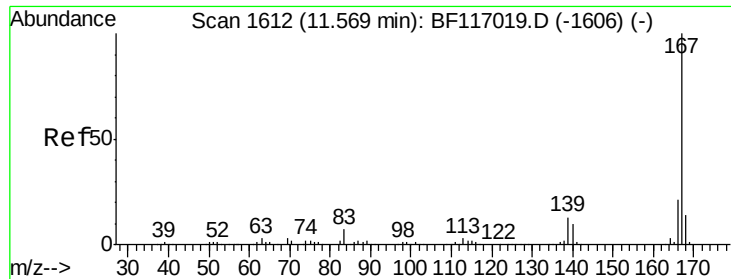
mohammad
9/26/2019 3:53:38 PM



#72
Anthracene
Concen: 43.360 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.0	11.6	17.4





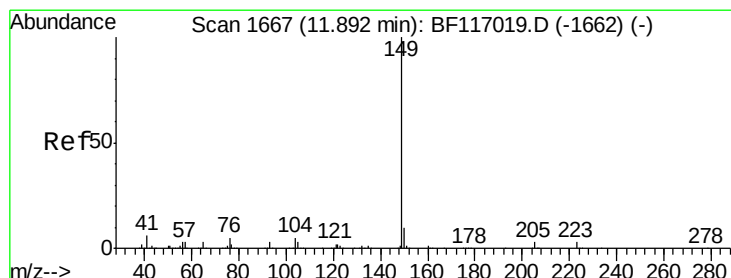
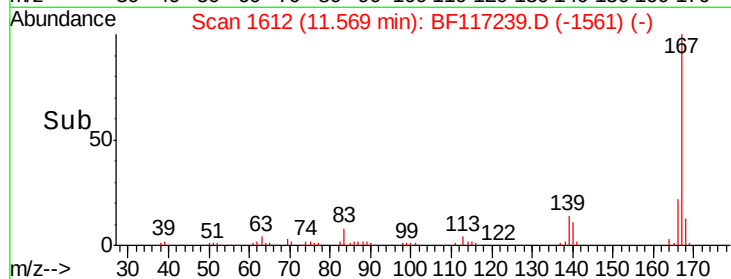
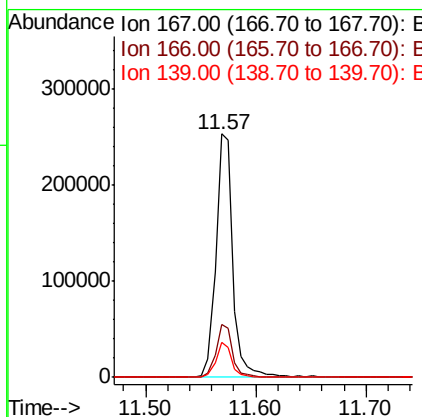
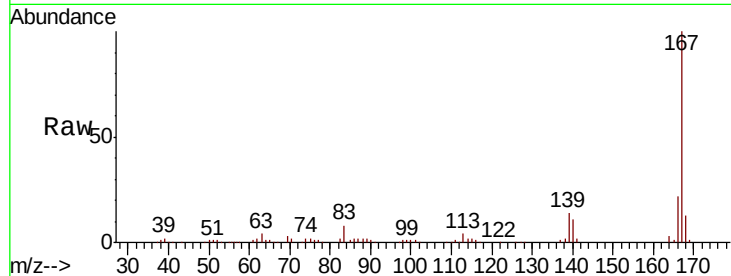
#73
 Carbazole
 Concen: 38.483 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	268540		
166	21.8		17.2	25.8
139	14.4		10.6	16.0

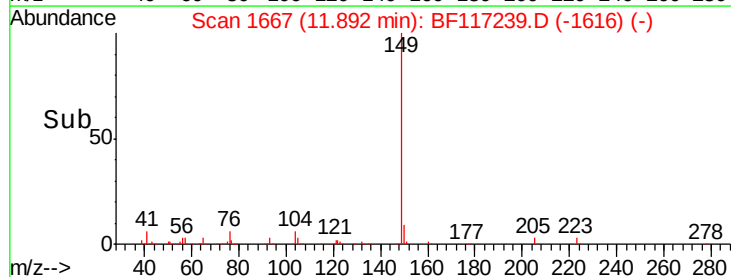
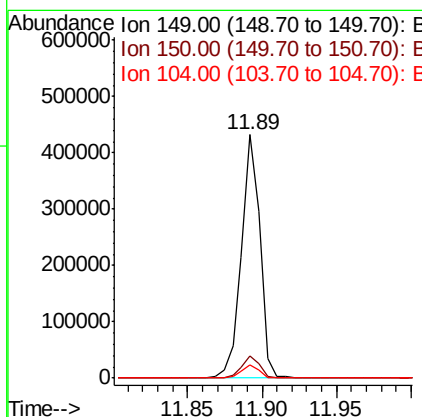
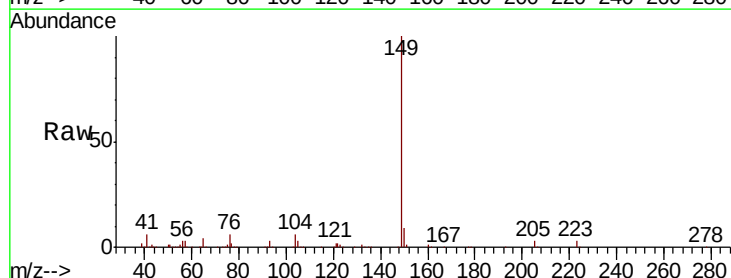
Manual Integrations
 APPROVED

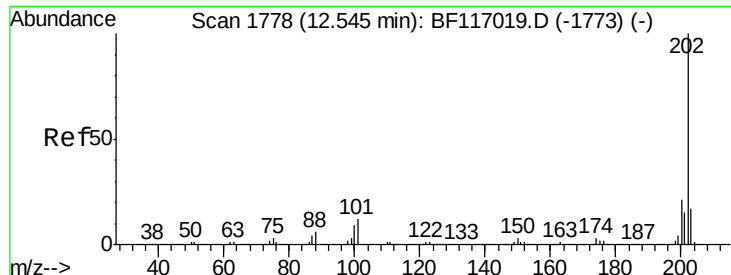
mohammad
 9/26/2019 3:53:38 PM



#74
 Di-n-butylphthalate
 Concen: 45.276 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	375901		
150	9.4		7.7	11.5
104	5.7		4.2	6.4





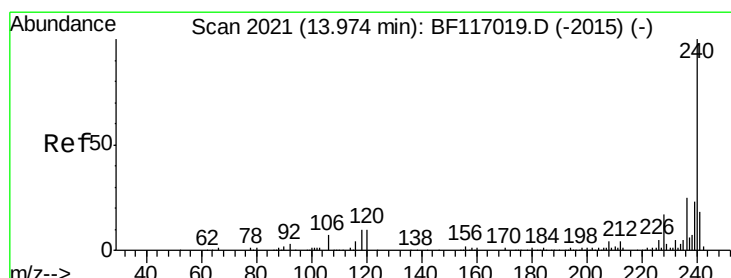
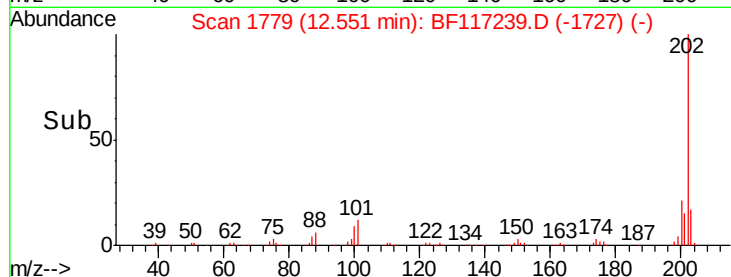
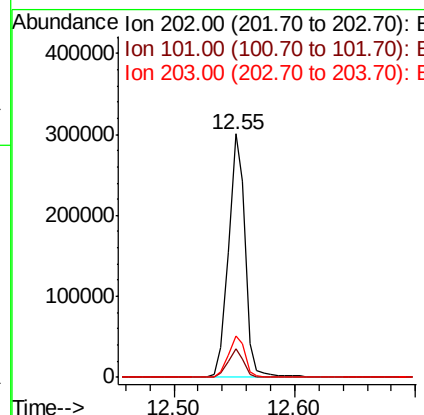
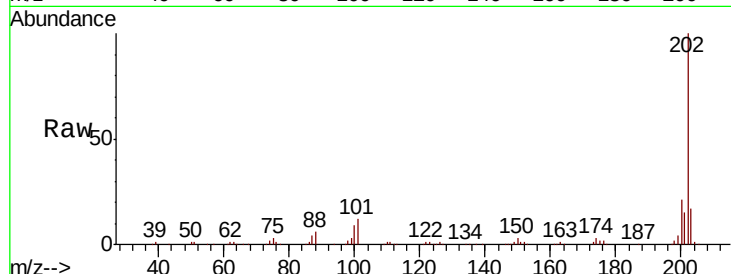
#75
Fluoranthene
Concen: 38.513 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	32.3
203	17.2	0.0	37.1

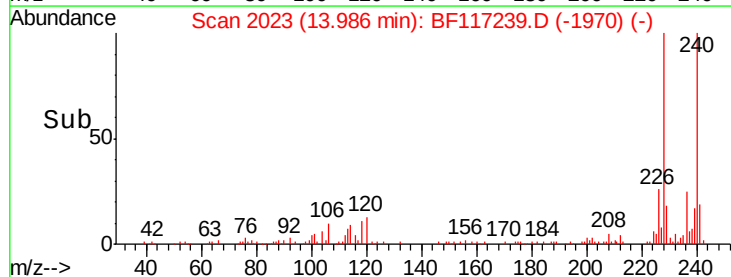
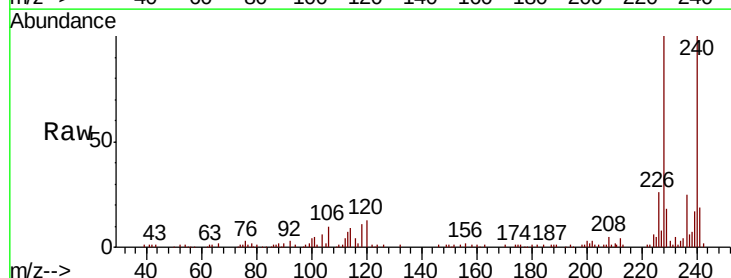
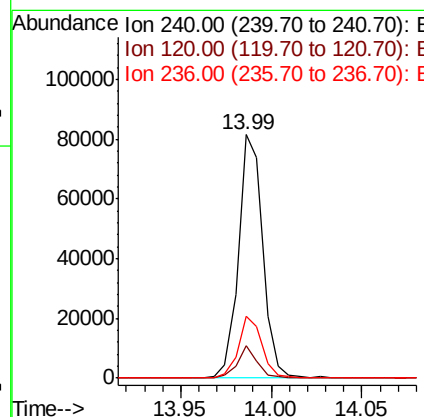
Manual Integrations
APPROVED

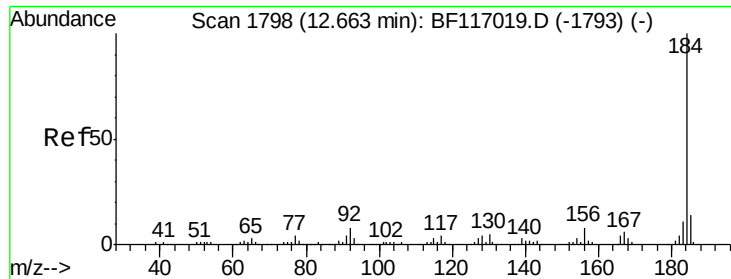
mohammad
9/26/2019 3:53:38 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	25.2	20.3	30.5





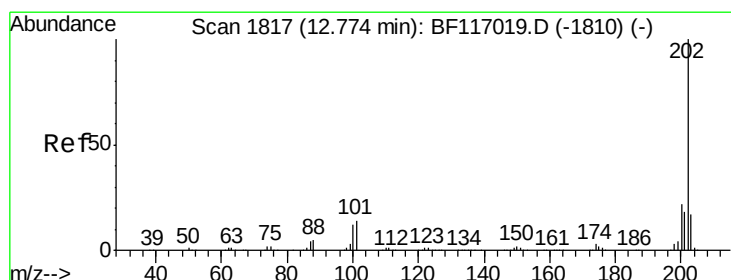
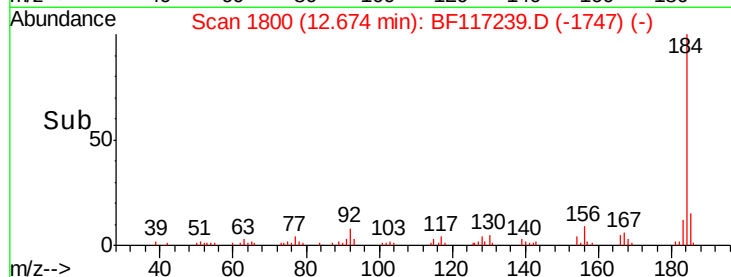
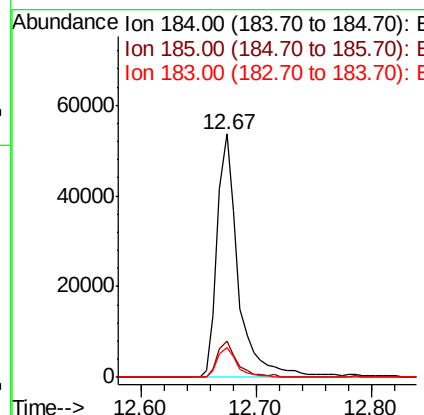
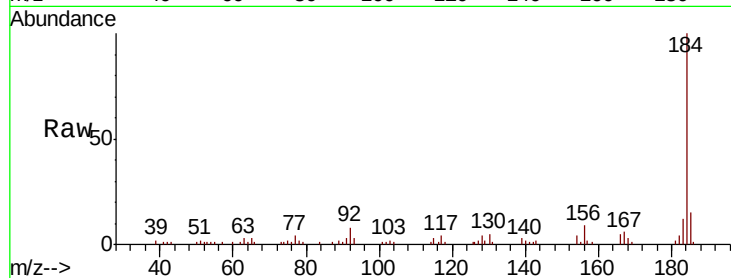
#77
Benzidine
Concen: 28.075 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.6	17.4
183	12.4	9.0	13.4

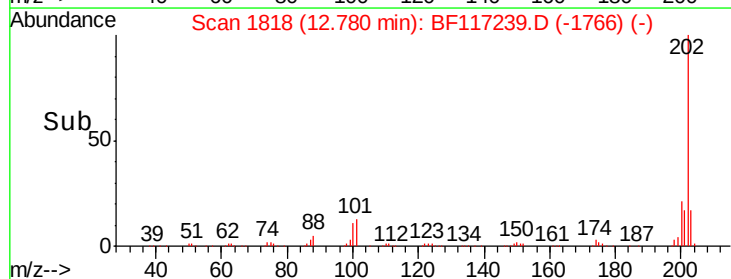
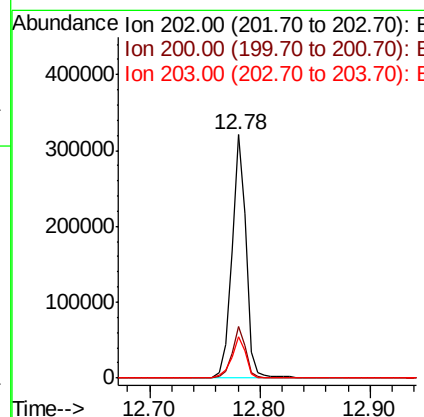
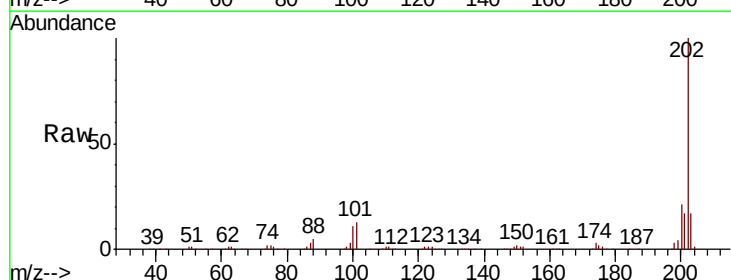
Manual Integrations
APPROVED

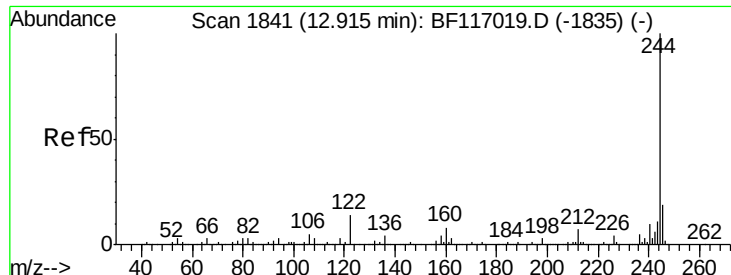
mohammad
9/26/2019 3:53:38 PM



#78
Pyrene
Concen: 45.098 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.0	14.0	21.0





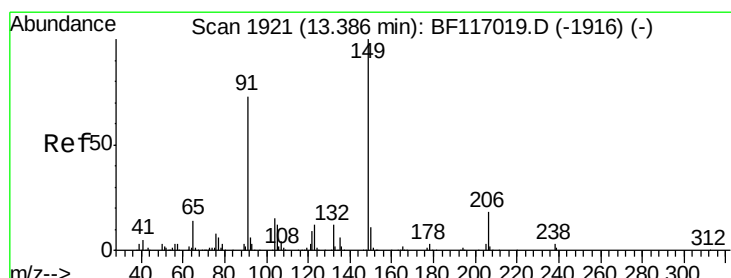
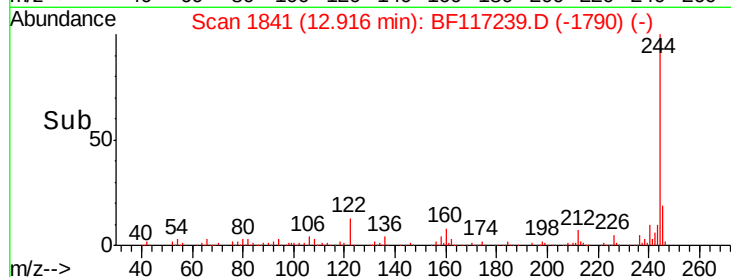
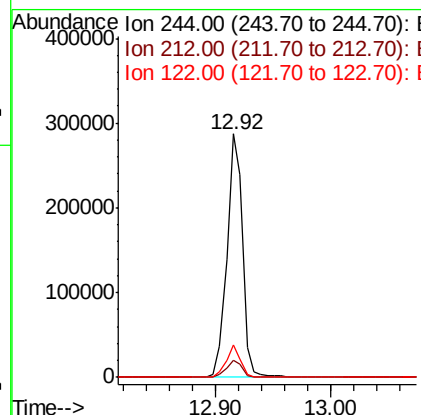
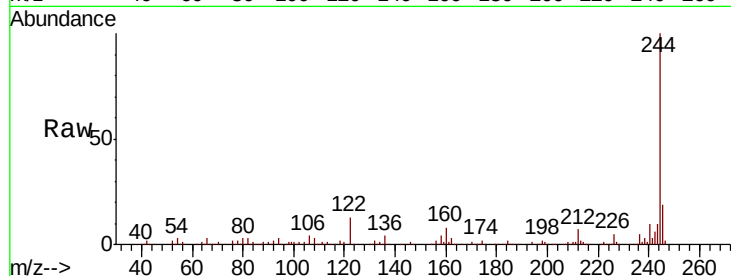
#79
 Terphenyl-d14
 Concen: 65.752 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100	267726		
212	7.0		5.8	8.8
122	13.3		11.3	16.9

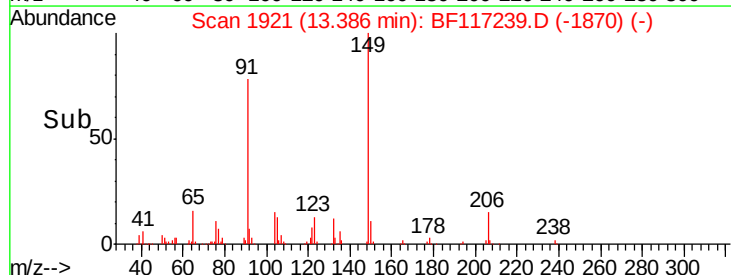
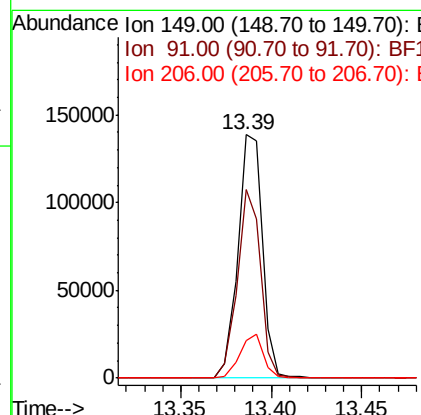
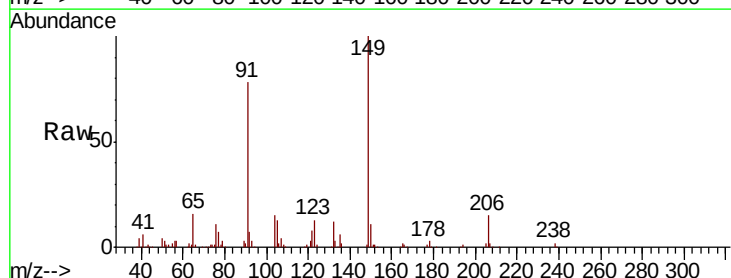
Manual Integrations
 APPROVED

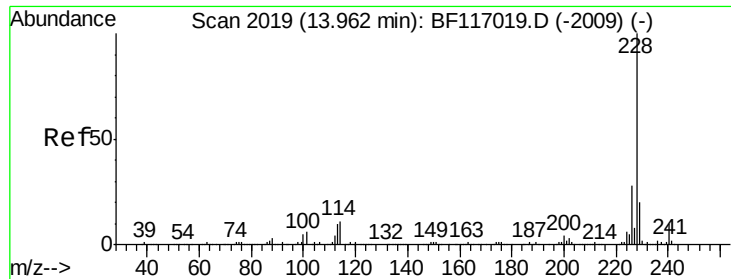
mohammad
 9/26/2019 3:53:38 PM



#80
 Butylbenzylphthalate
 Concen: 43.303 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	130670		
91	77.7		58.8	88.2
206	15.3		14.1	21.1





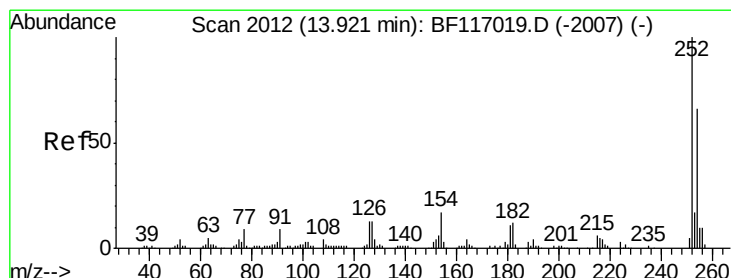
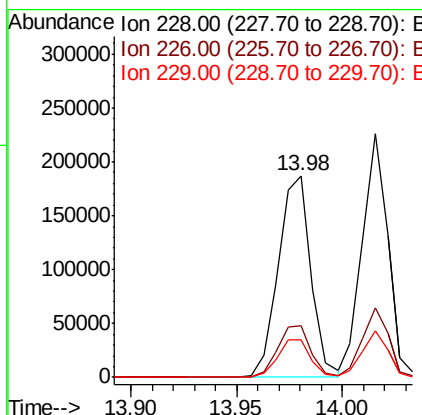
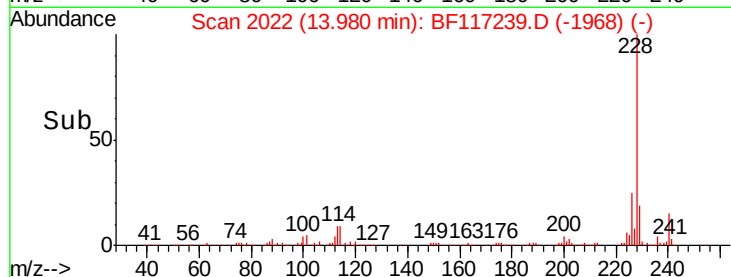
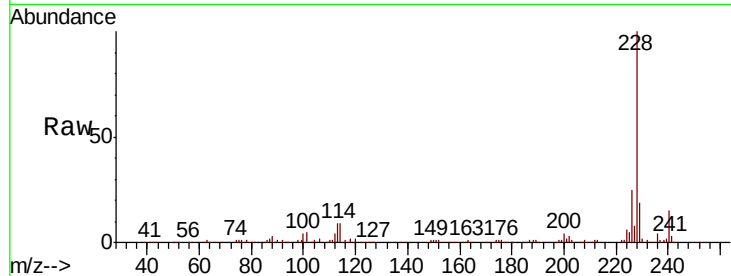
#81
Benzo(a)anthracene
Concen: 39.552 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.3	33.5
229	18.7	15.9	23.9

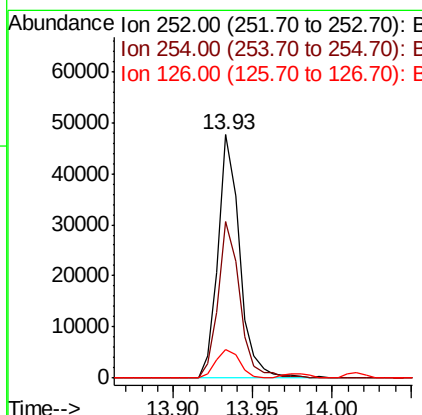
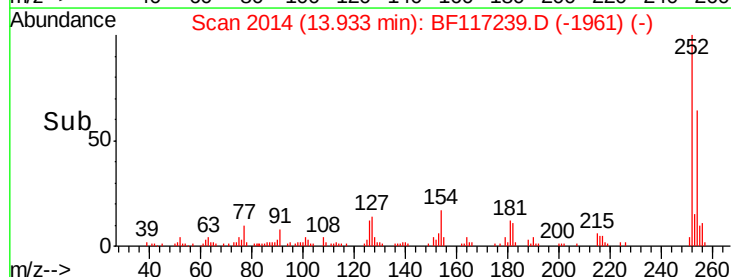
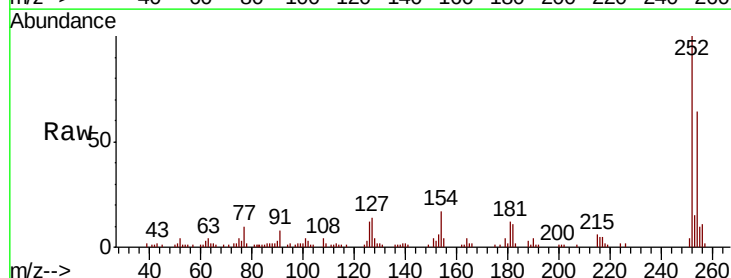
Manual Integrations
APPROVED

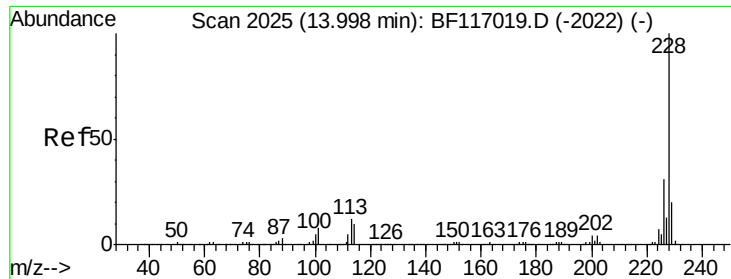
mohammad
9/26/2019 3:53:38 PM



#82
3,3'-Dichlorobenzidine
Concen: 27.688 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	79.0
126	12.0	10.4	15.6





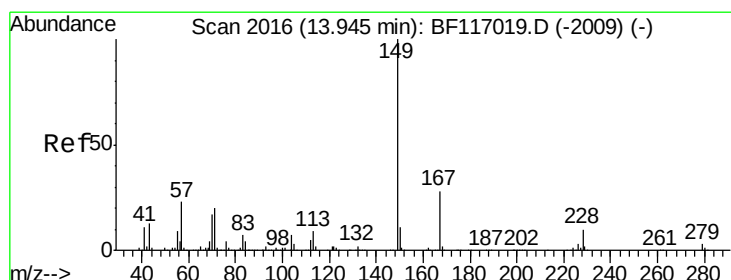
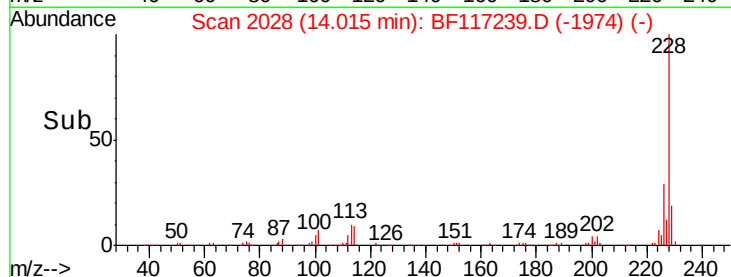
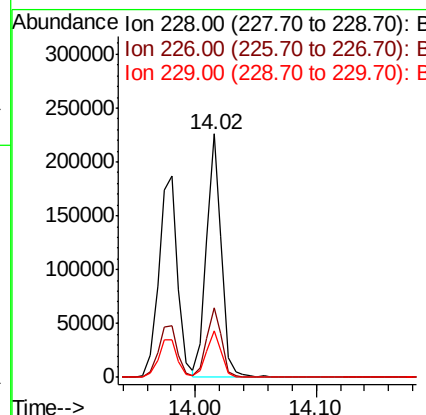
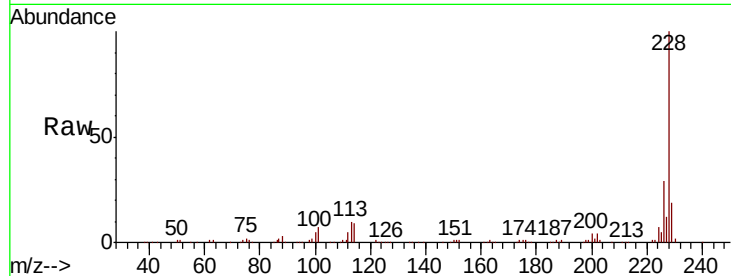
#83
Chrysene
Concen: 39.269 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.8	37.2
229	19.3	15.8	23.8

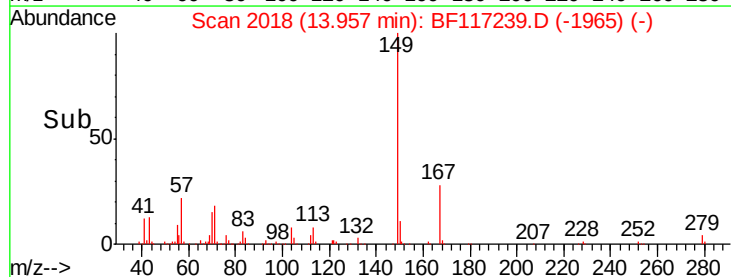
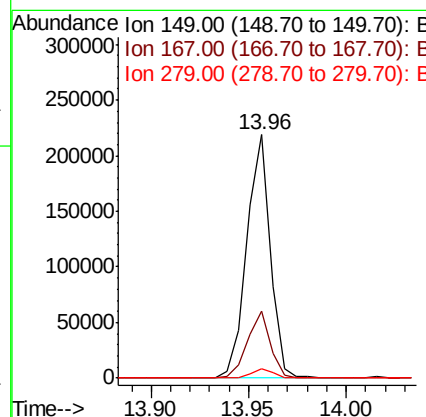
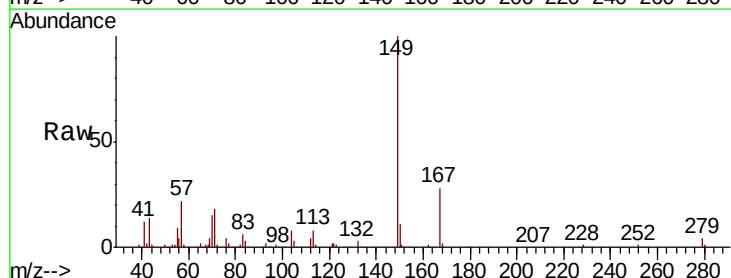
Manual Integrations
APPROVED

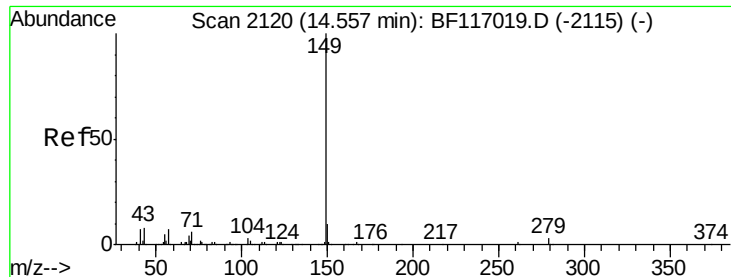
mohammad
9/26/2019 3:53:38 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.063 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	3.7	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 45.150 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.03 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

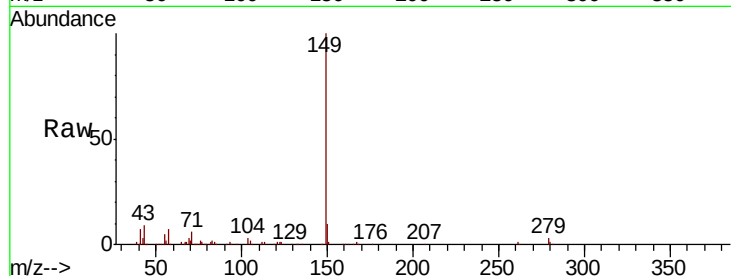
ClientSampleId :

SB-7MSD

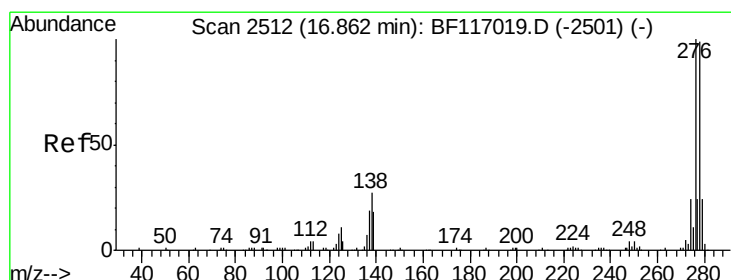
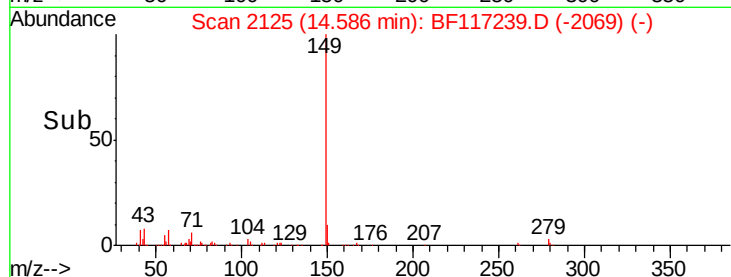
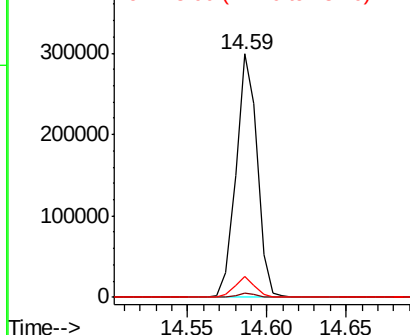
Tot Ion:	149	Resp:	276487
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.7	6.2	9.4

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.568 ng

RT: 16.94 min Scan# 2525

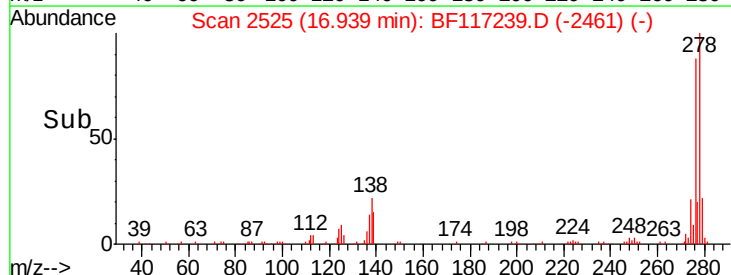
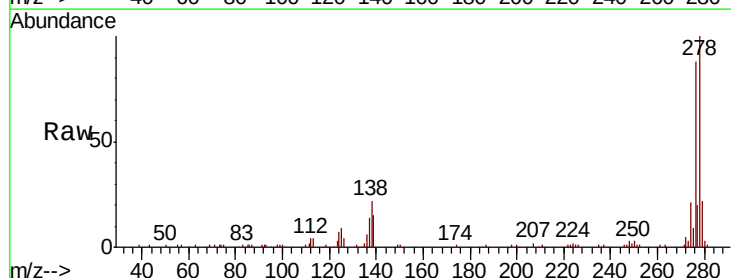
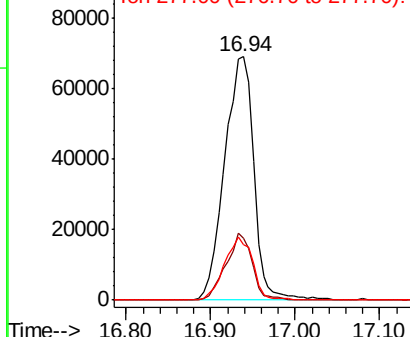
Delta R.T. 0.08 min

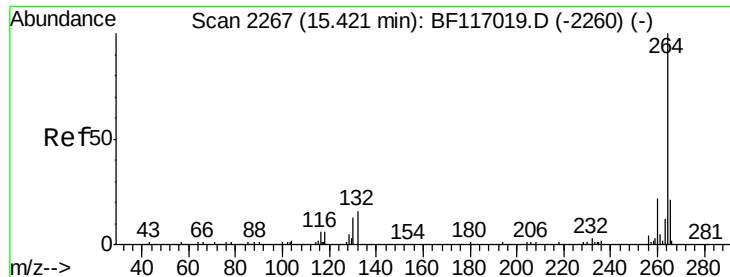
Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:	276	Resp:	164877
Ion Ratio	Lower	Upper	
276	100		
138	24.4	20.7	31.1
277	25.0	19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





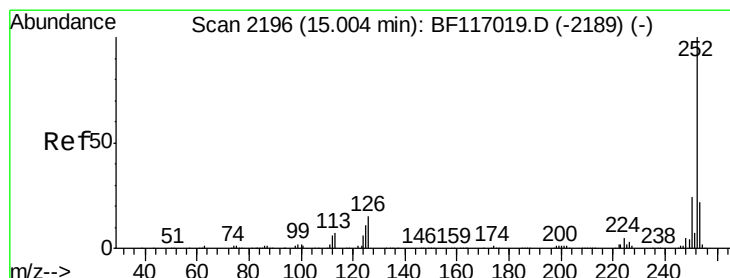
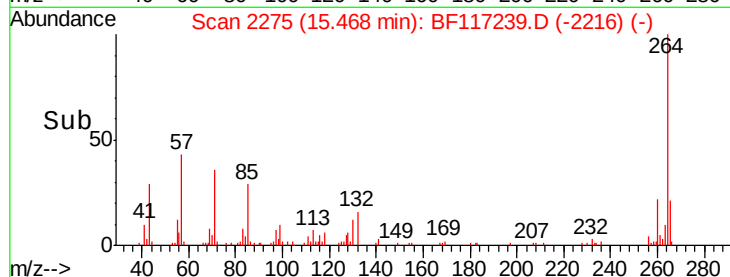
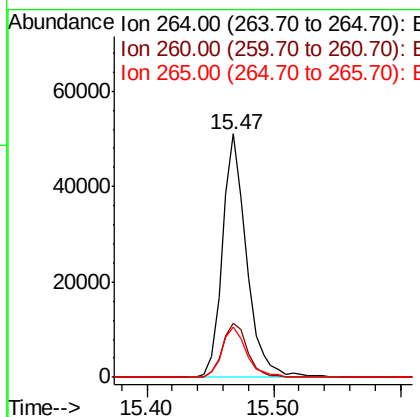
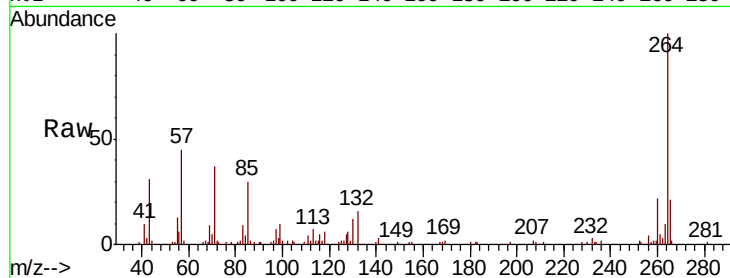
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.05 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	20.5	16.6	24.8

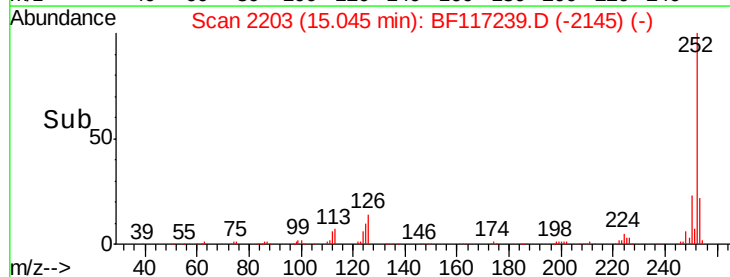
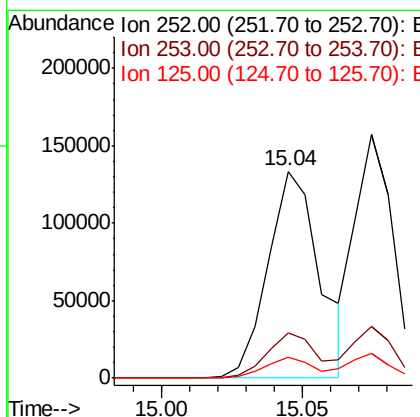
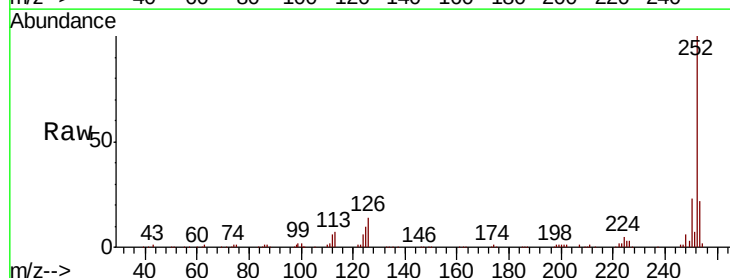
Manual Integrations
APPROVED

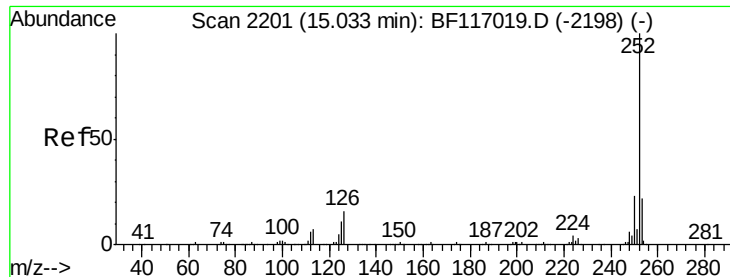
mohammad
9/26/2019 3:53:38 PM



#88
Benzo(b)fluoranthene
Concen: 41.825 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.8	8.6	12.8





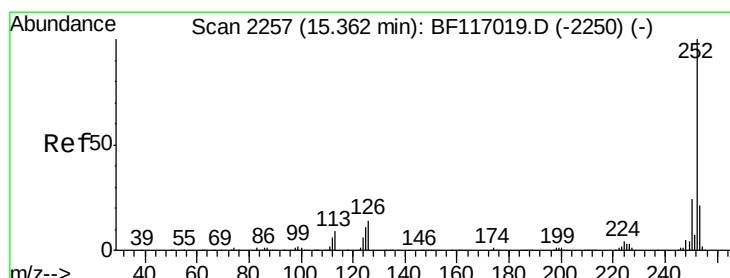
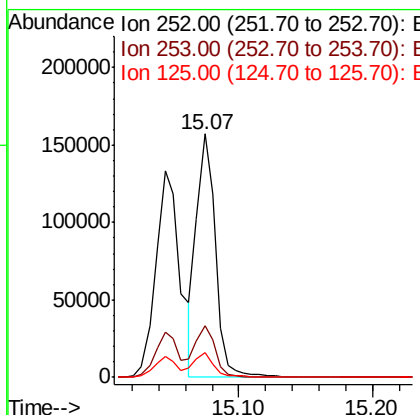
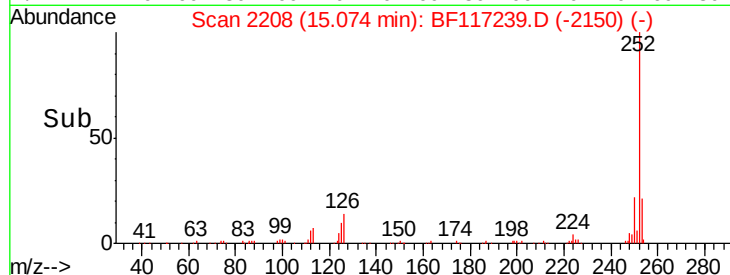
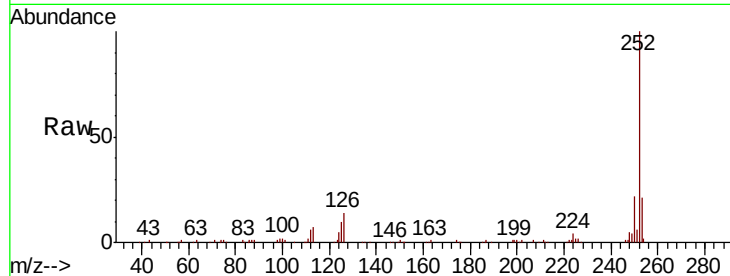
#89
Benzo(k)fluoranthene
Concen: 39.574 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.04 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	9.9	8.8	13.2

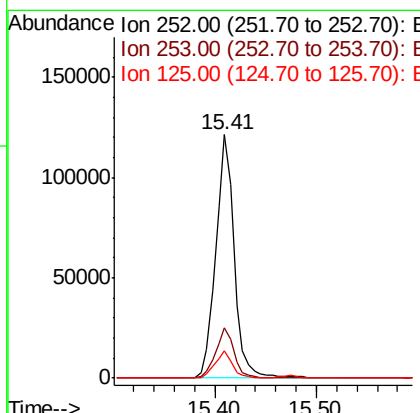
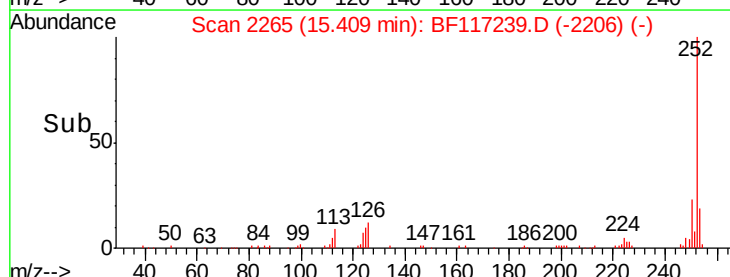
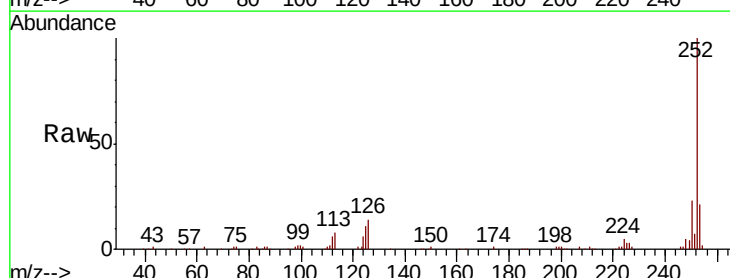
Manual Integrations
APPROVED

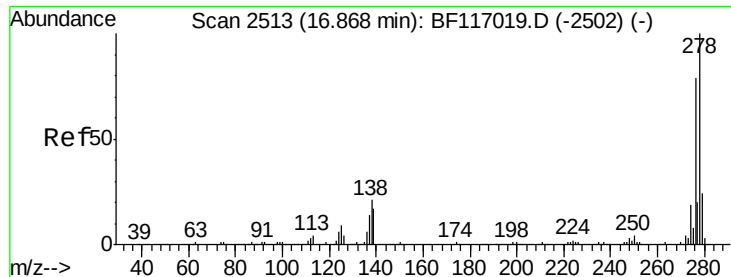
mohammad
9/26/2019 3:53:38 PM



#90
Benzo(a)pyrene
Concen: 42.985 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.05 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.6	25.0
125	11.0	8.9	13.3





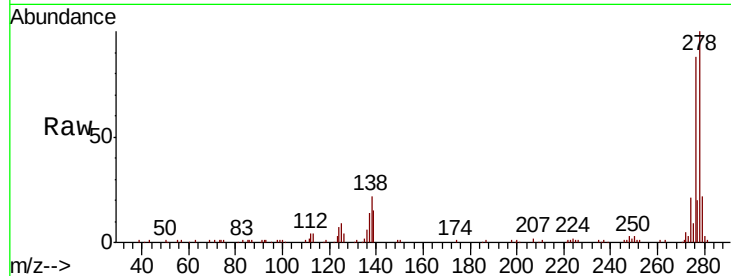
#91
Dibenzo(a,h)anthracene
Concen: 49.972 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.07 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampled :
SB-7MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.5	20.3
279	22.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:38 PM

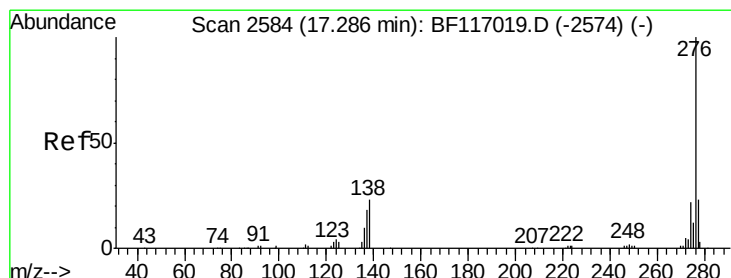
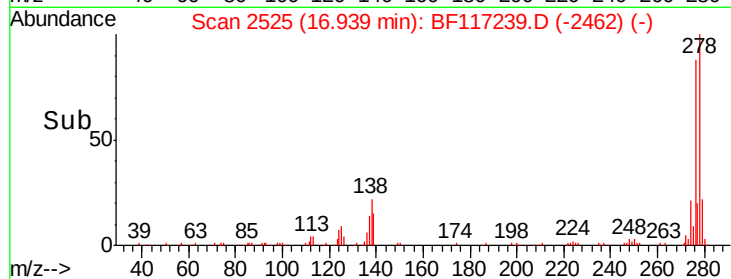
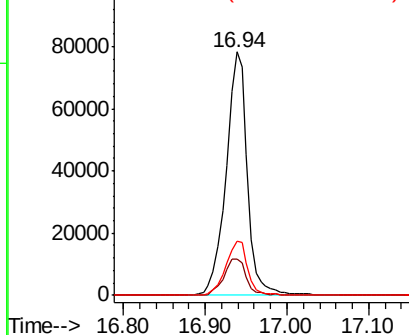


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.521 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.09 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	18.7	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

