

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117959.D
 Acq On : 23 Nov 2019 16:27
 Operator : JU
 Sample : K5972-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MSD

Manual Integrations
 APPROVED

mohammad
 11/25/2019 2:32:14 PM

Quant Time: Nov 25 08:19:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	118382	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	452266	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	235270	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	447184	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	355370	20.00	ng	-0.02
87) Perylene-d12	15.60	264	346394	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	653752	97.75	ng	-0.01
7) Phenol-d6	6.53	99	830988	103.02	ng	-0.02
23) Nitrobenzene-d5	7.47	82	503940	66.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	258352	103.72	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	957863	73.04	ng	-0.02
79) Terphenyl-d14	13.04	244	1052389	54.12	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.72	88	110800	35.443	ng	96
3) Pyridine	3.49	79	286669	34.958	ng	97
4) n-Nitrosodimethylamine	3.43	42	137959	38.540	ng	91
6) Aniline	6.56	93	195294	18.321	ng	100
8) 2-Chlorophenol	6.69	128	282297	38.900	ng	99
9) Benzaldehyde	6.45	77	137990	23.080	ng	96
10) Phenol	6.54	94	345942	41.270	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	246616	36.637	ng	98
12) 1,3-Dichlorobenzene	6.85	146	316857	37.087	ng	98
13) 1,4-Dichlorobenzene	6.92	146	323260	37.433	ng	99
14) 1,2-Dichlorobenzene	7.07	146	306881	37.156	ng	99
15) Benzyl Alcohol	7.04	79	250642	40.246	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	315282	30.422	ng	93
17) 2-Methylphenol	7.15	107	234661	38.184	ng	98
18) Hexachloroethane	7.42	117	125445	39.542	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	188947	37.968	ng	96
20) 3+4-Methylphenols	7.30	107	296202	38.828	ng	# 84
22) Acetophenone	7.31	105	406139	39.970	ng	96
24) Nitrobenzene	7.49	77	293542	37.400	ng	100
25) Isophorone	7.73	82	520935	37.358	ng	97
26) 2-Nitrophenol	7.80	139	160744	42.078	ng	95
27) 2,4-Dimethylphenol	7.84	122	247737	41.734	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	313181	35.393	ng	100
29) 2,4-Dichlorophenol	8.05	162	239536	37.201	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	267009	35.750	ng	100
31) Naphthalene	8.22	128	895352	42.466	ng	99
32) Benzoic acid	7.95	122	189880	38.202	ng	# 83
33) 4-Chloroaniline	8.26	127	115453	12.231	ng	98
34) Hexachlorobutadiene	8.33	225	154263	35.327	ng	99
35) Caprolactam	8.62	113	92212m	45.060	ng	
36) 4-Chloro-3-methylphenol	8.74	107	257308	39.376	ng	90
37) 2-Methylnaphthalene	8.91	142	618347	43.405	ng	99
38) 1-Methylnaphthalene	9.01	142	555317	41.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	241600	35.361	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117959.D
 Acq On : 23 Nov 2019 16:27
 Operator : JU
 Sample : K5972-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MSD

Manual Integrations
 APPROVED

mohammad
 11/25/2019 2:32:14 PM

Quant Time: Nov 25 08:19:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	313427	81.858	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	174589	35.675	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	182928	36.001	nq	98
46) 1,1'-Biphenyl	9.37	154	677923	38.839	nq	98
47) 2-Chloronaphthalene	9.40	162	509891	35.509	nq	97
48) 2-Nitroaniline	9.49	65	150810	34.788	nq	96
49) Acenaphthylene	9.82	152	833262	39.802	nq	98
50) Dimethylphthalate	9.67	163	755569	45.797	nq	99
51) 2,6-Dinitrotoluene	9.73	165	134311	37.249	nq	95
52) Acenaphthene	9.99	154	565425	42.161	nq	99
53) 3-Nitroaniline	9.90	138	80622	18.686	nq	97
54) 2,4-Dinitrophenol	10.02	184	145967	78.896	nq	93
55) Dibenzofuran	10.16	168	721009	38.825	nq	99
56) 4-Nitrophenol	10.06	139	250438	77.764	nq	93
57) 2,4-Dinitrotoluene	10.14	165	181376	39.544	nq	99
58) Fluorene	10.51	166	564288	39.211	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	150887	36.141	nq	# 87
60) Diethylphthalate	10.37	149	597232	37.131	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	273217	37.410	nq	95
62) 4-Nitroaniline	10.52	138	144448	33.437	nq	95
63) Azobenzene	10.66	77	541969	37.037	nq	99
65) 4,6-Dinitro-2-methylphenol	10.55	198	96606	46.276	nq	79
66) n-Nitrosodiphenylamine	10.62	169	494229	37.976	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	172243	35.698	nq	93
68) Hexachlorobenzene	11.06	284	191560	34.048	nq	96
69) Atrazine	11.15	200	182003	42.513	nq	97
70) Pentachlorophenol	11.25	266	230991	70.273	nq	99
71) Phenanthrene	11.47	178	859256	38.218	nq	98
72) Anthracene	11.53	178	892588	40.042	nq	98
73) Carbazole	11.68	167	782817	40.187	nq	100
74) Di-n-butylphthalate	12.01	149	951356	39.226	nq	99
75) Fluoranthene	12.67	202	890454	43.190	nq	99
77) Benzidine	12.79	184	324671	27.892	nq	98
78) Pyrene	12.90	202	925211	32.216	nq	98
80) Butylbenzylphthalate	13.51	149	429843	34.847	nq	92
81) Benzo(a)anthracene	14.09	228	850994	36.238	nq	99
82) 3,3'-Dichlorobenzidine	14.04	252	143834	17.510	nq	97
83) Chrysene	14.13	228	797925	35.065	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	594501	39.754	nq	99
85) Di-n-octyl phthalate	14.69	149	990557	45.088	nq	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	739824	38.200	nq	98
88) Benzo(b)fluoranthene	15.16	252	803604	35.707	nq	99
89) Benzo(k)fluoranthene	15.19	252	731642	34.503	nq	99
90) Benzo(a)pyrene	15.54	252	678500	34.285	nq	99
91) Dibenzo(a,h)anthracene	17.15	278	620052	36.402	nq	98
92) Benzo(g,h,i)perylene	17.59	276	613166	36.141	nq	100

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



#1

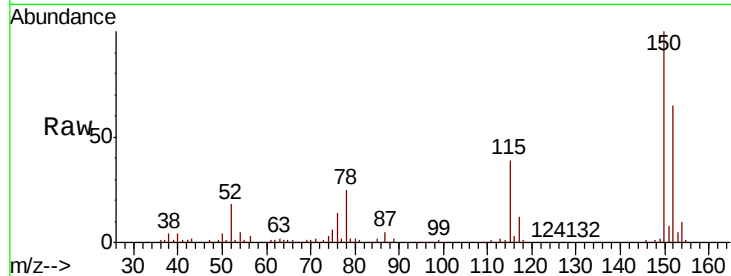
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.3	187.9
115	60.2	47.0	70.4

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

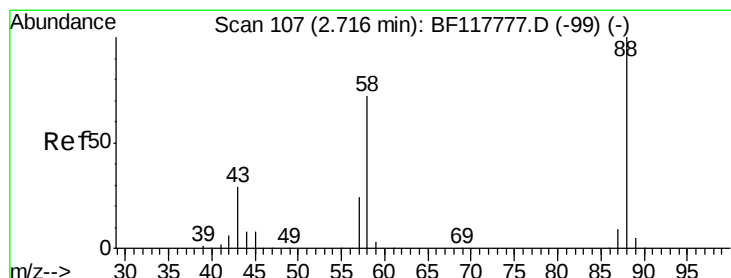
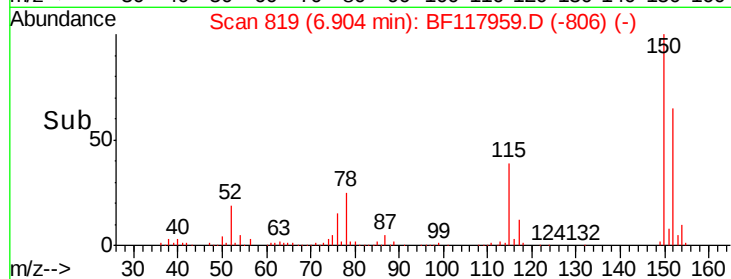
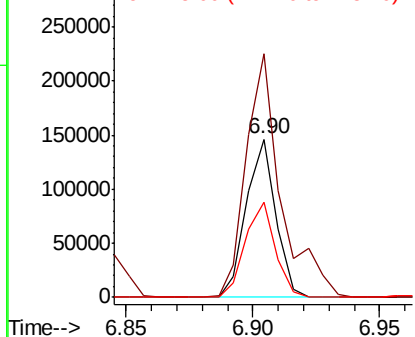


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

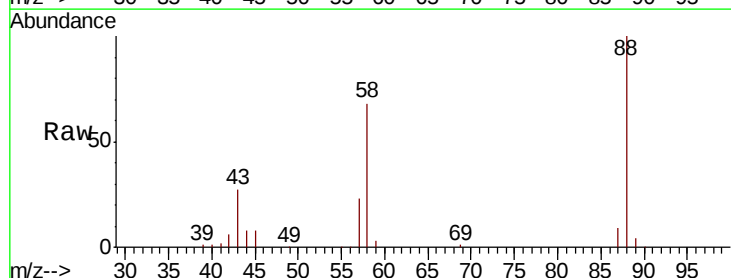
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.443 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	58.2	87.2
43	28.0	23.3	34.9

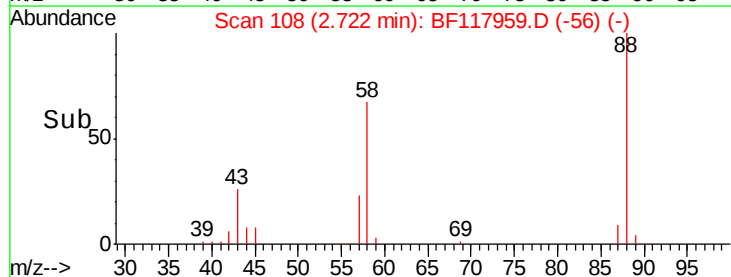
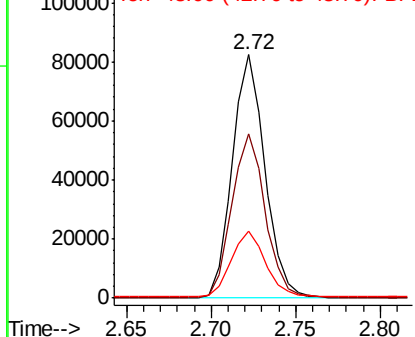


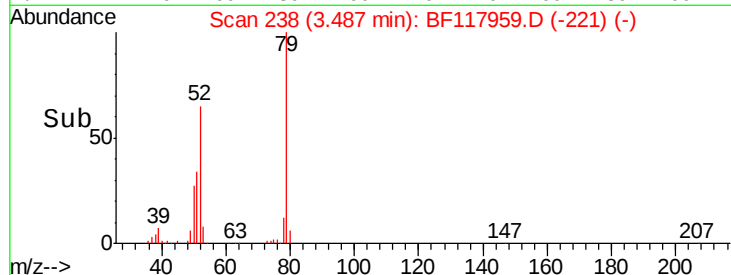
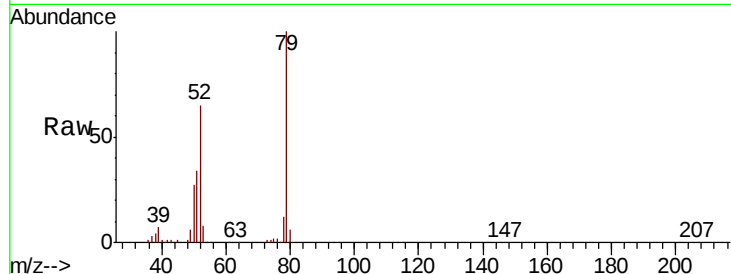
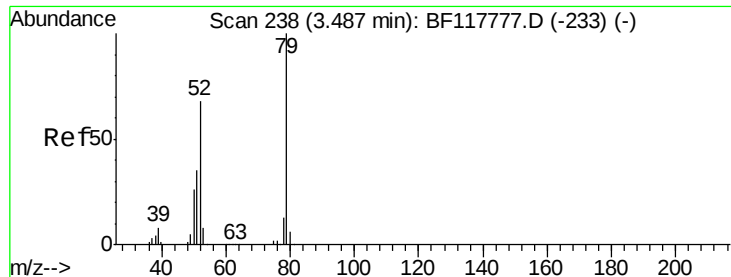
Abundance

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





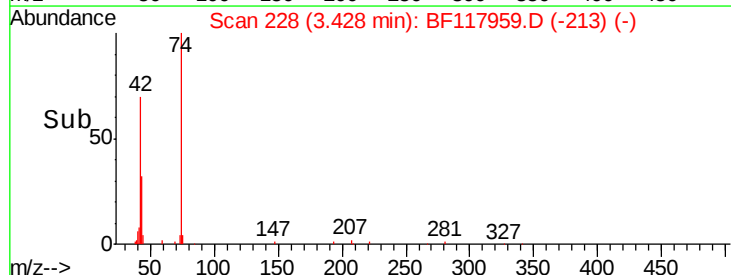
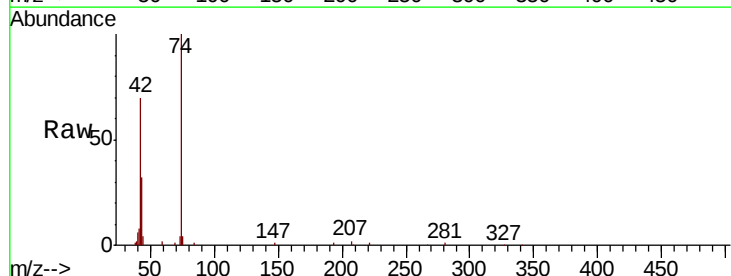
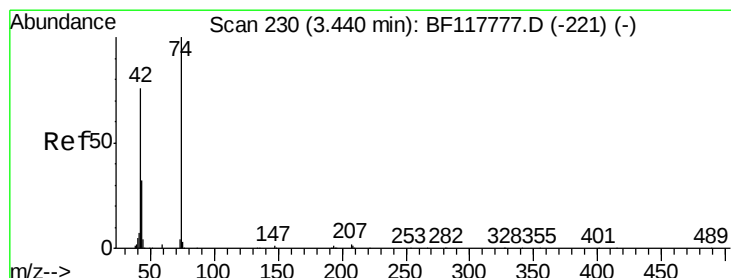
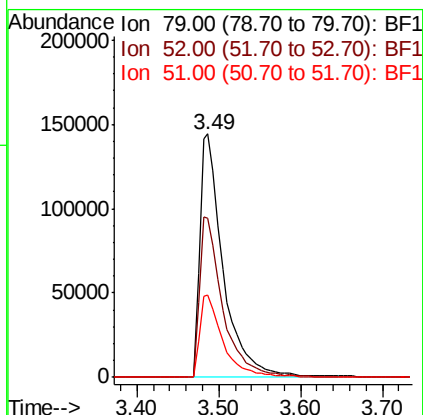
#3
Pvridine
Concen: 34.958 ng
RT: 3.49 min Scan# 238
Delta R.T. -0.00 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100	286669		
52	65.5		54.8	82.2
51	34.0		28.2	42.4

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

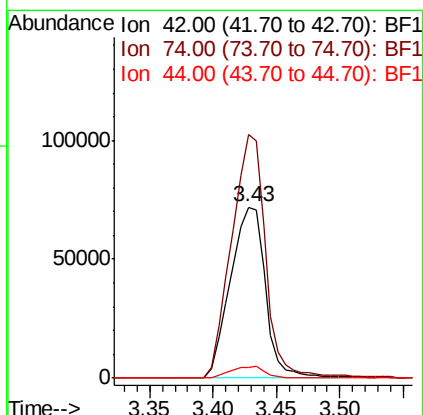
Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#4
n-Nitrosodimethylamine
Concen: 38.540 ng
RT: 3.43 min Scan# 228
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	137959		
74	142.3		105.1	157.7
44	6.0		4.6	7.0





#5

2-Fluorophenol

Concen: 97.752 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

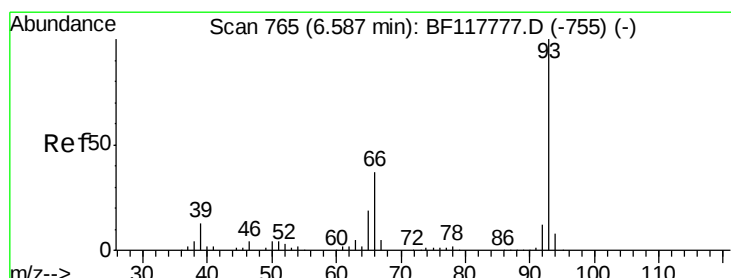
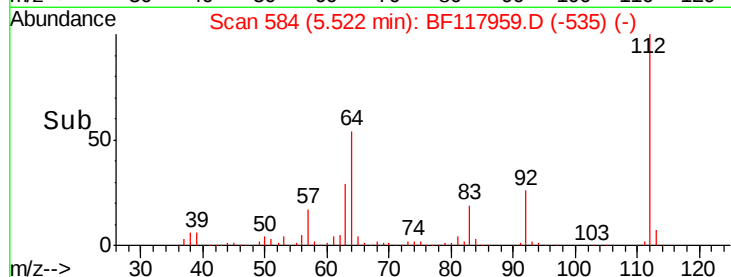
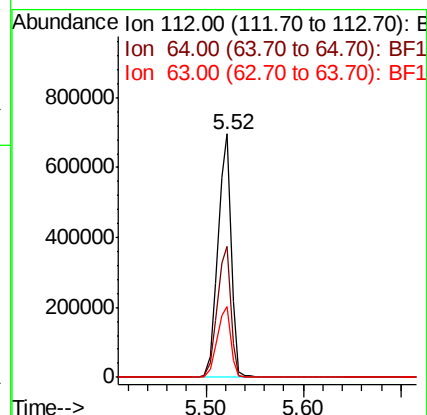
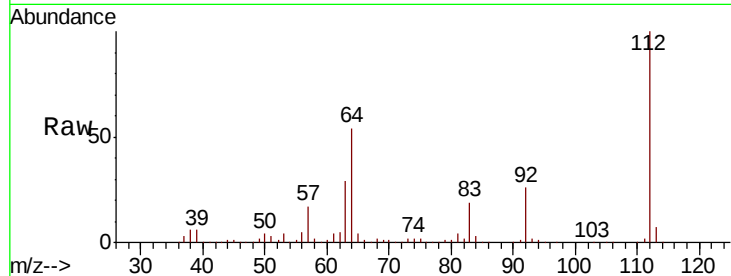
ClientSampleId :

25441-26560MSD

Tot Ion:	112	Resp:	653752
Ion Ratio	Lower	Upper	
112	100		
64	53.9	45.6	68.4
63	29.2	24.1	36.1

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#6

Aniline

Concen: 18.321 ng

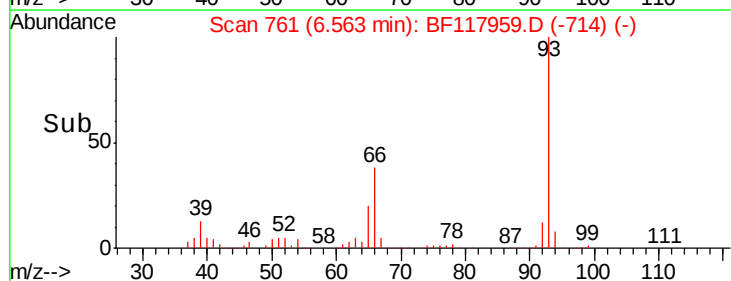
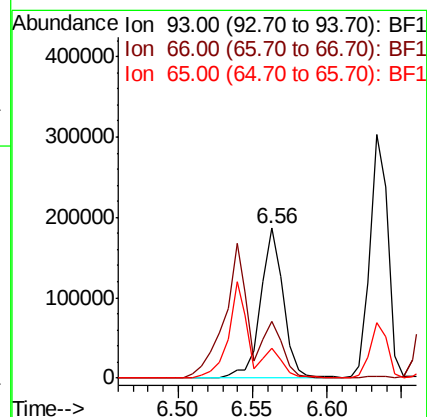
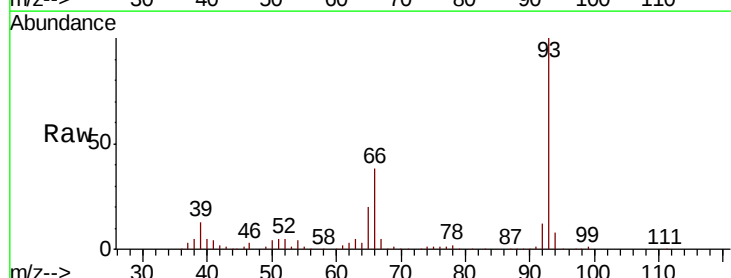
RT: 6.56 min Scan# 761

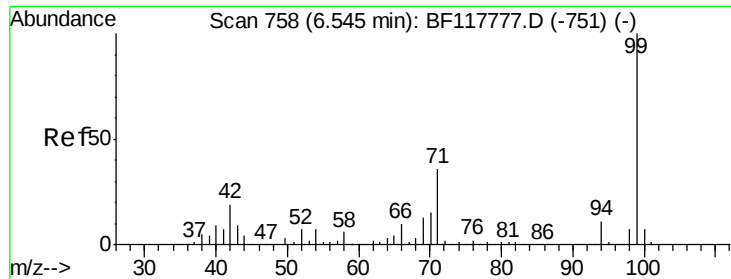
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	93	Resp:	195294
Ion Ratio	Lower	Upper	
93	100		
66	38.3	30.6	45.8
65	19.7	15.6	23.4





#7

Phenol-d6

Concen: 103.016 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

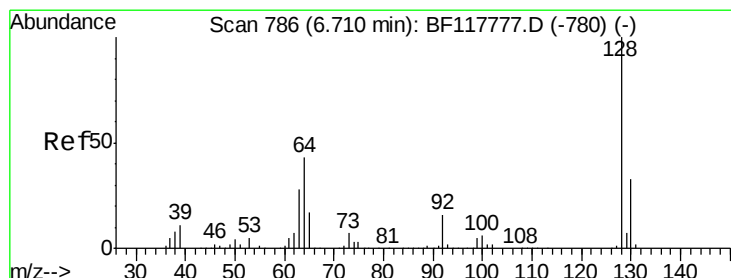
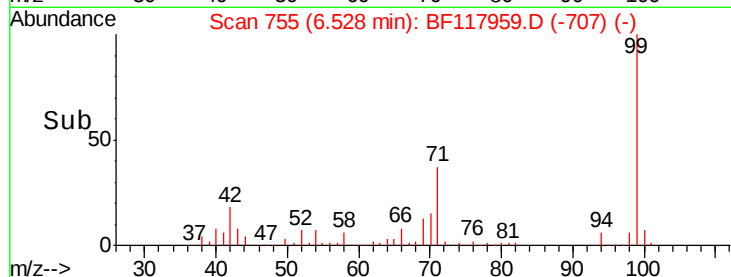
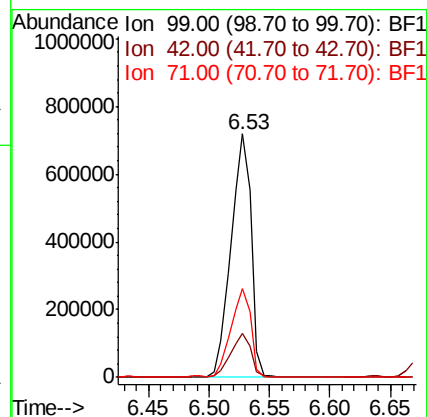
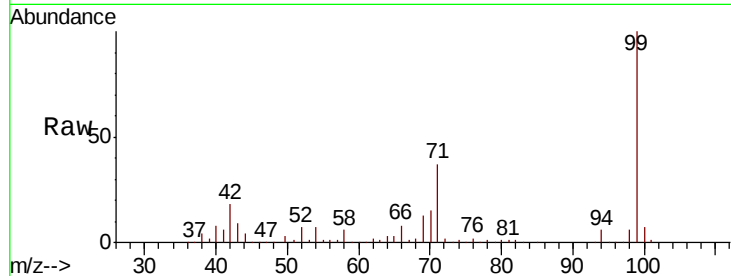
ClientSampleId :

25441-26560MSD

Tot Ion:	99	Resp:	830988
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.9	22.3
71	36.7	28.6	43.0

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#8

2-Chlorophenol

Concen: 38.900 ng

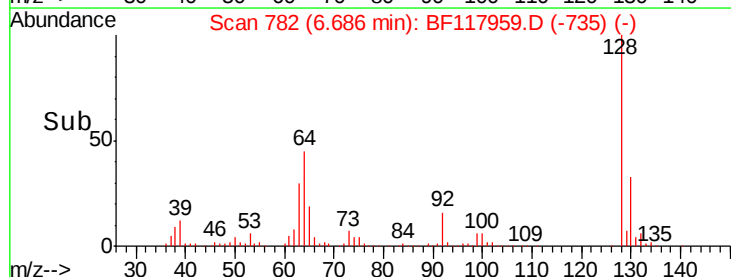
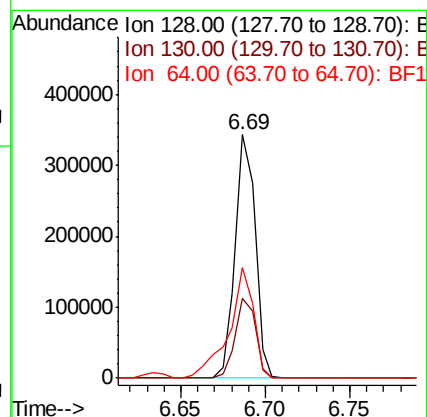
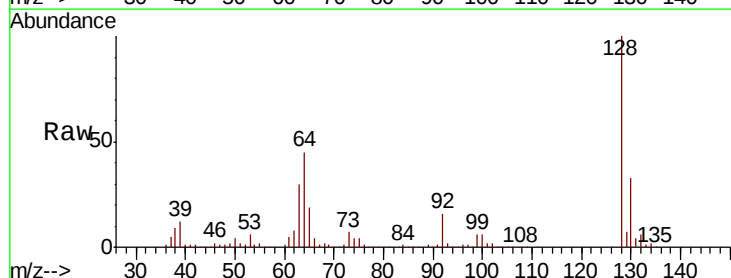
RT: 6.69 min Scan# 782

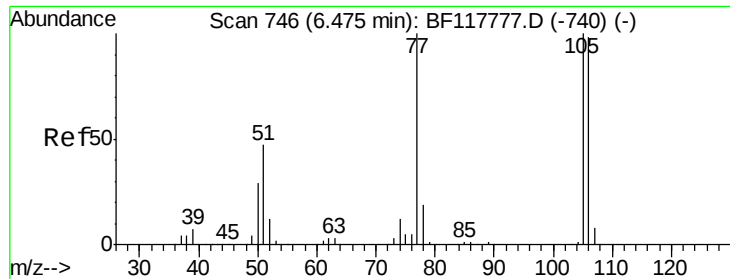
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	128	Resp:	282297
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.2	53.2
64	45.2	23.7	63.7





#9

Benzaldehyde

Concen: 23.080 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

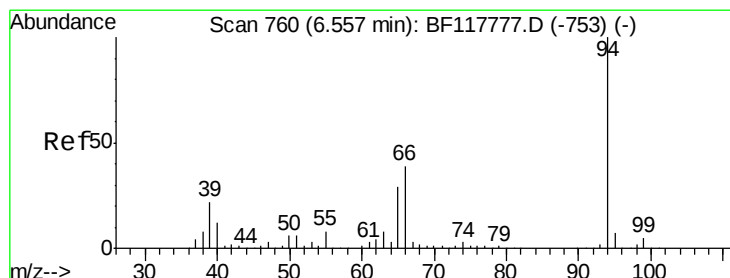
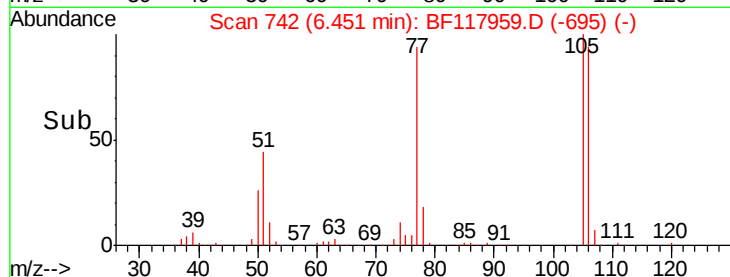
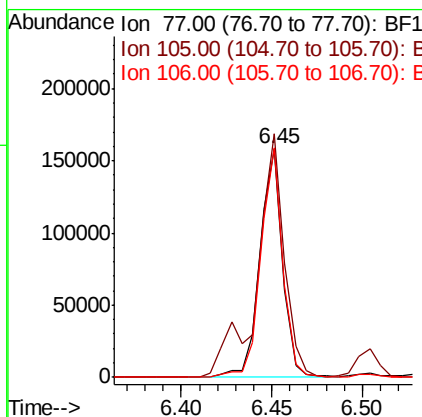
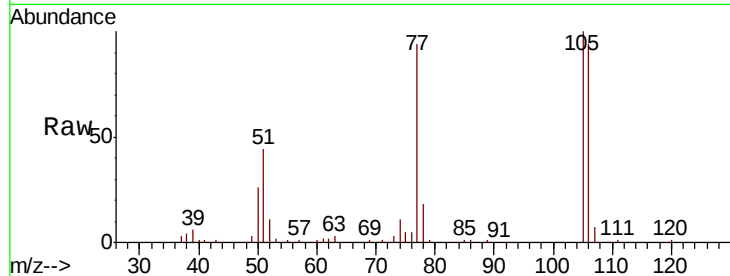
ClientSampleId :

25441-26560MSD

Tot Ion:	77	Resp:	137990
Ion	Ratio	Lower	Upper
77	100		
105	106.5	80.2	120.2
106	100.5	78.4	118.4

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#10

Phenol

Concen: 41.270 ng

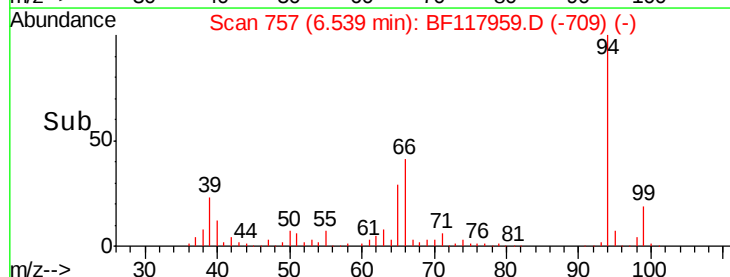
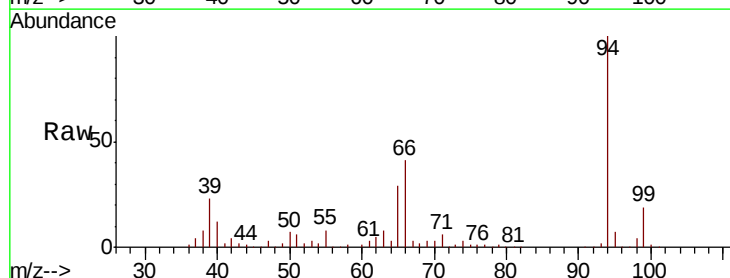
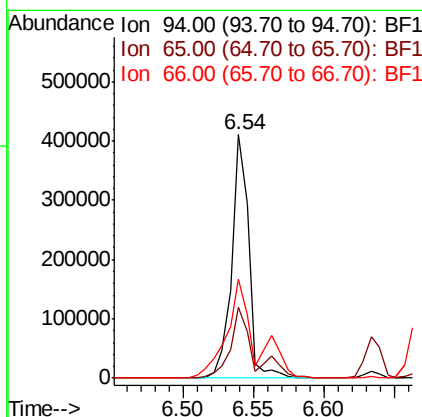
RT: 6.54 min Scan# 757

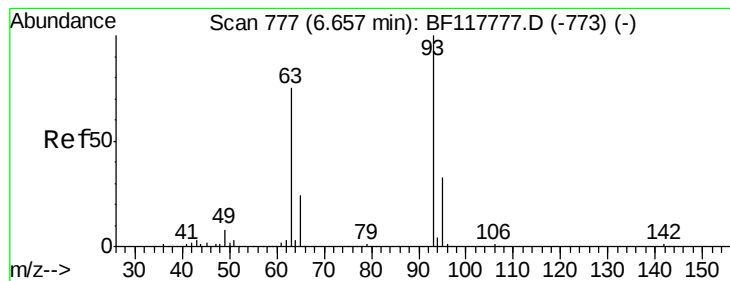
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	94	Resp:	345942
Ion	Ratio	Lower	Upper
94	100		
65	29.3	8.9	48.9
66	40.8	18.7	58.7





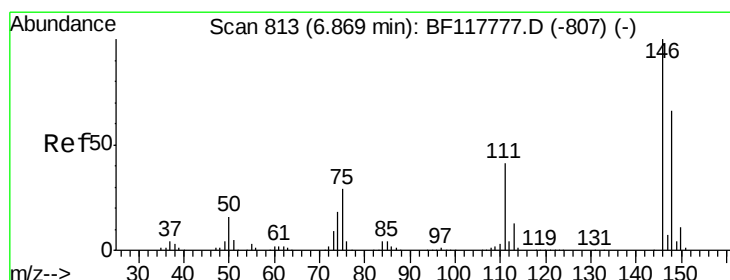
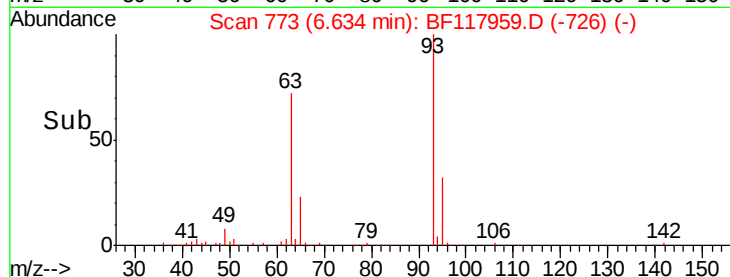
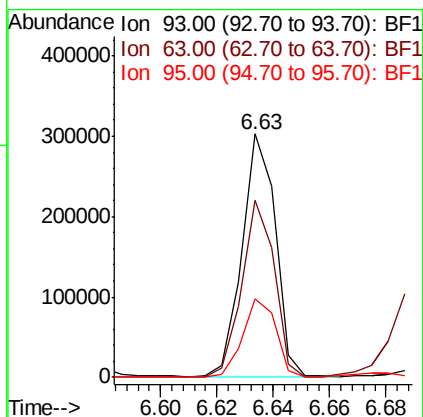
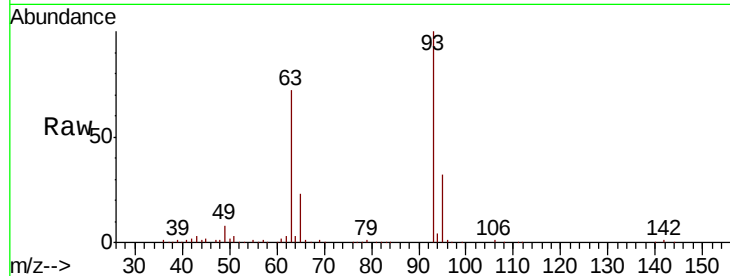
#11
bis(2-Chloroethyl)ether
Concen: 36.637 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	54.8	94.8
95	32.5	12.7	52.7

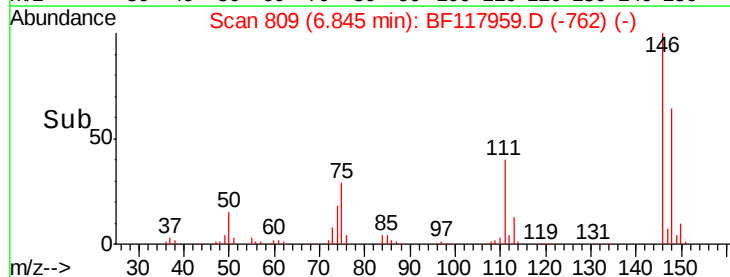
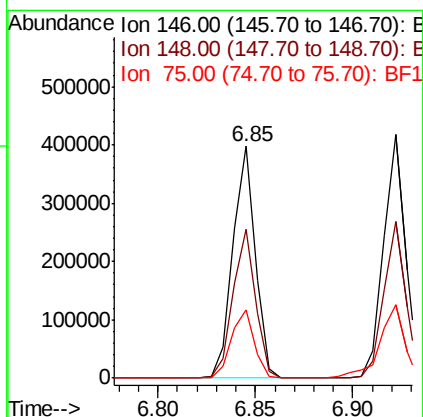
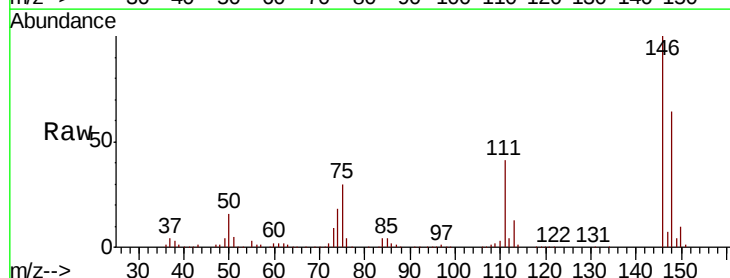
Manual Integrations
APPROVED

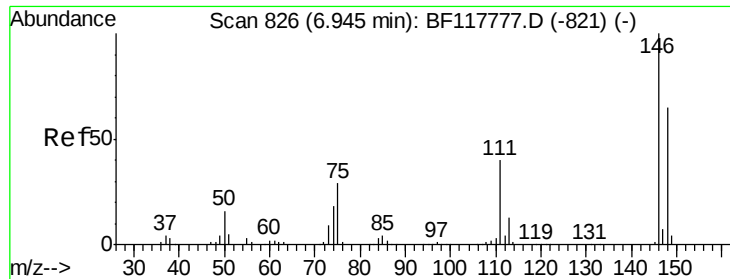
mohammad
11/25/2019 2:32:14 PM



#12
1,3-Dichlorobenzene
Concen: 37.087 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
75	29.5	23.4	35.0





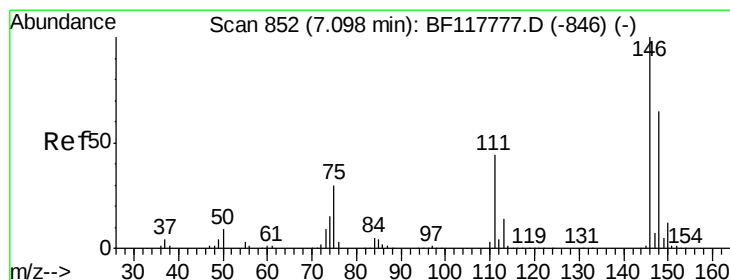
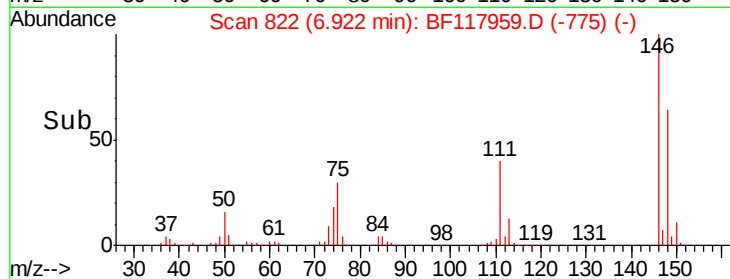
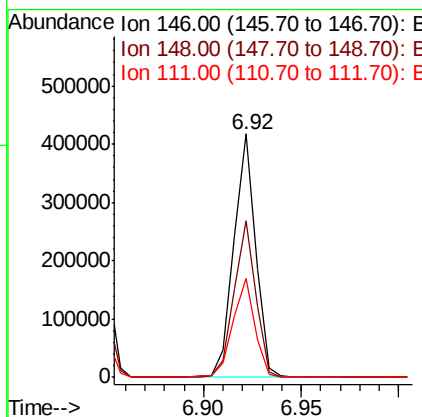
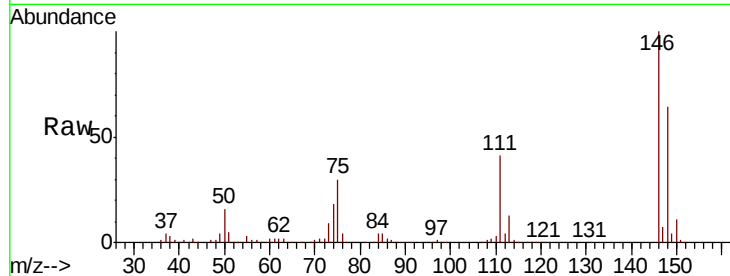
#13
 1,4-Dichlorobenzene
 Concen: 37.433 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	40.5	32.2	48.4

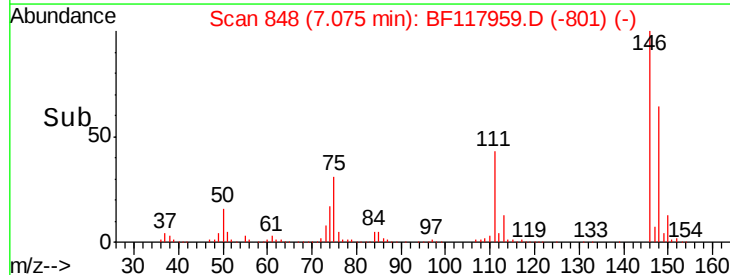
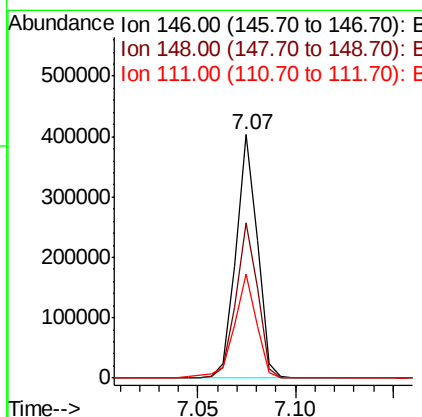
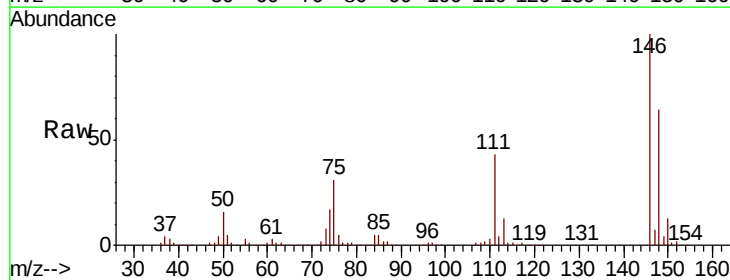
Manual Integrations
 APPROVED

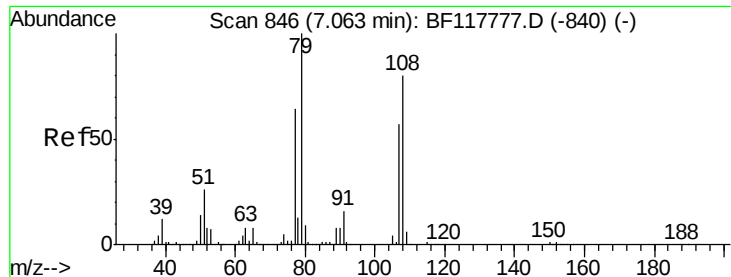
mohammad
 11/25/2019 2:32:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.156 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	42.7	35.0	52.6





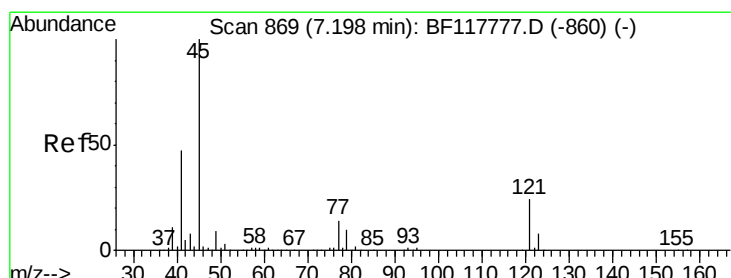
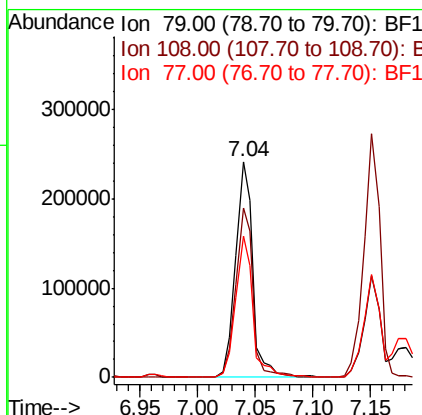
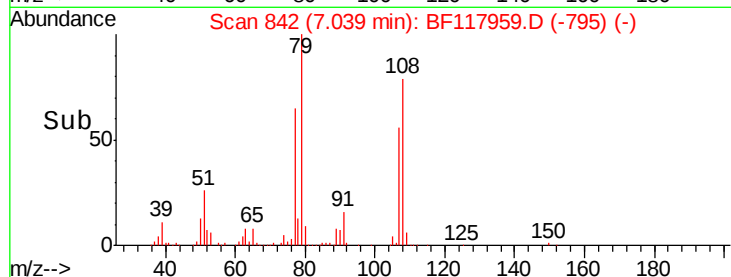
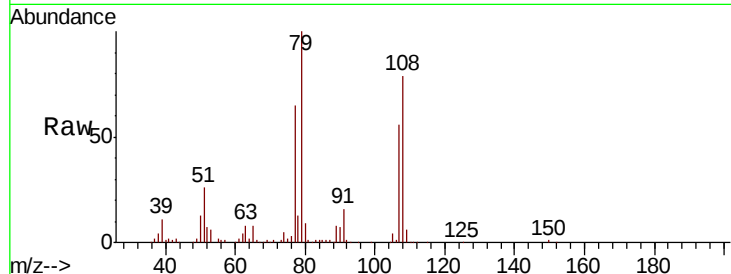
#15
Benzyl Alcohol
Concen: 40.246 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	64.1	96.1
77	65.2	51.3	76.9

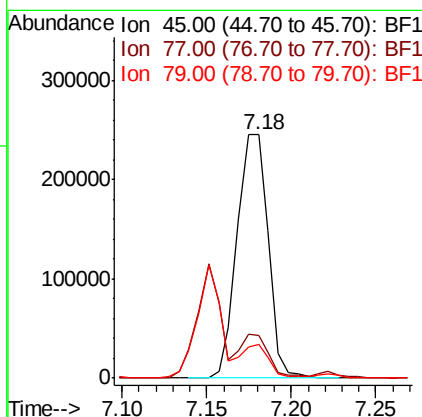
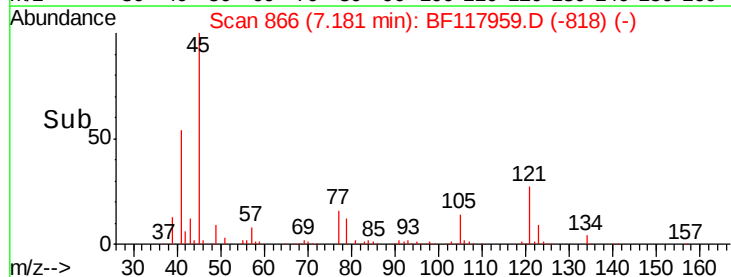
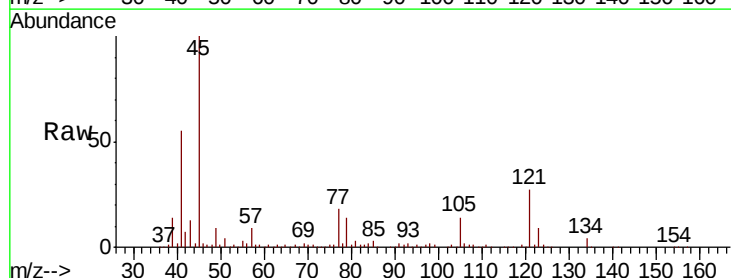
Manual Integrations
APPROVED

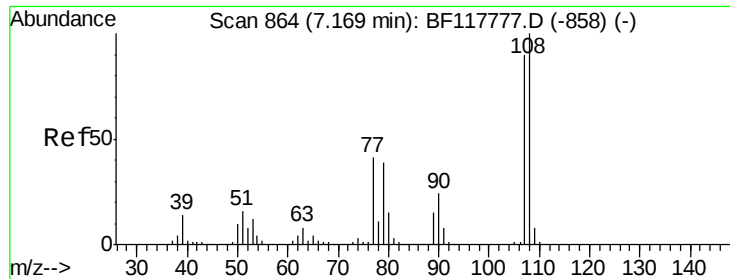
mohammad
11/25/2019 2:32:14 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.422 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	35.0
79	13.6	0.0	31.1





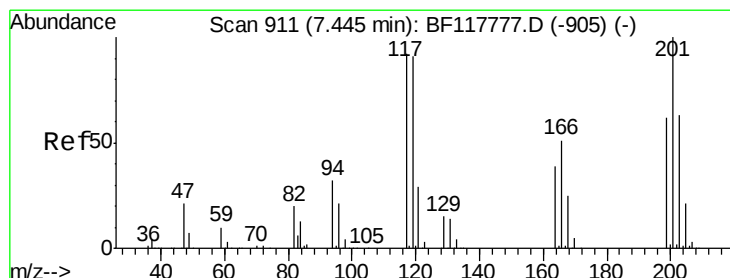
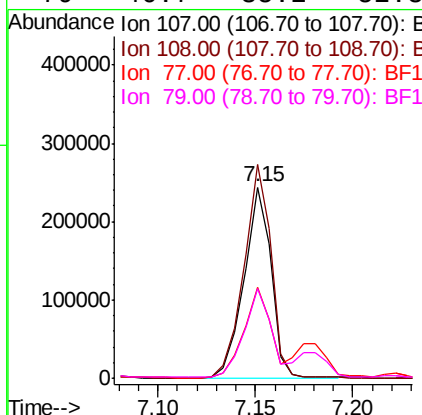
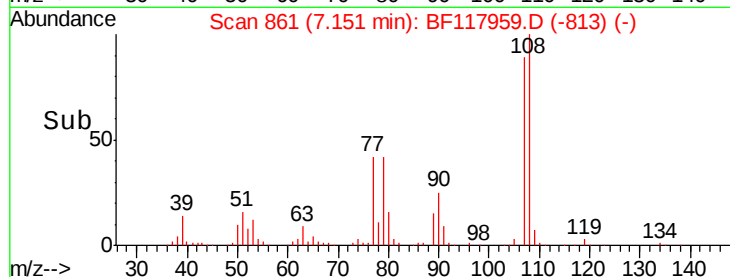
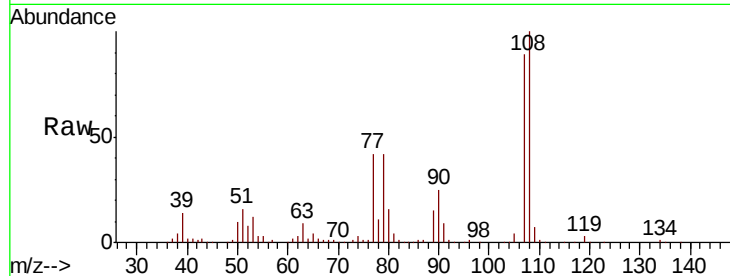
#17
2-Methylphenol
Concen: 38.184 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	89.1	133.7	
77	47.4	36.6	54.8	
79	46.7	35.2	52.8	

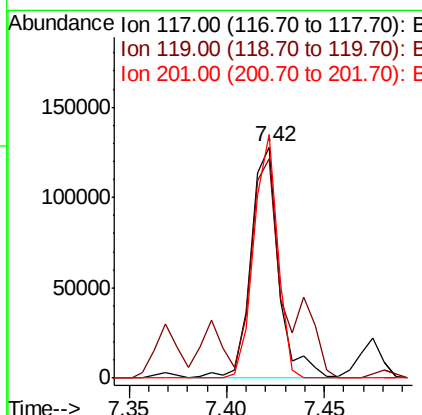
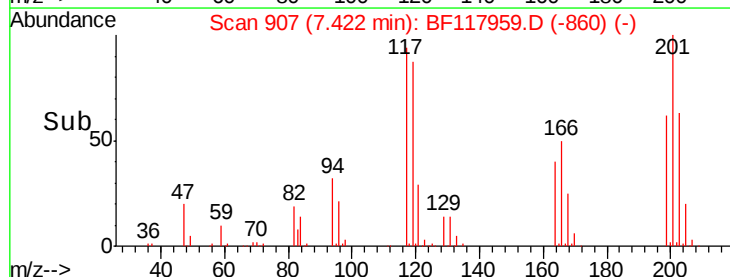
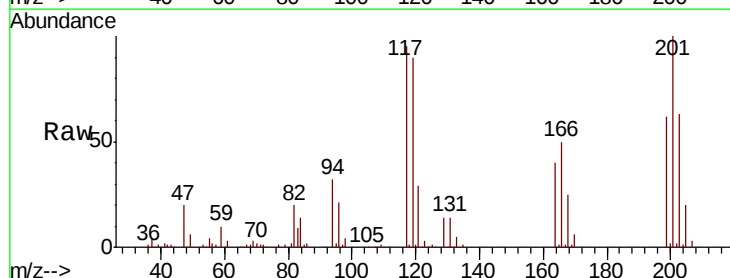
Manual Integrations
APPROVED

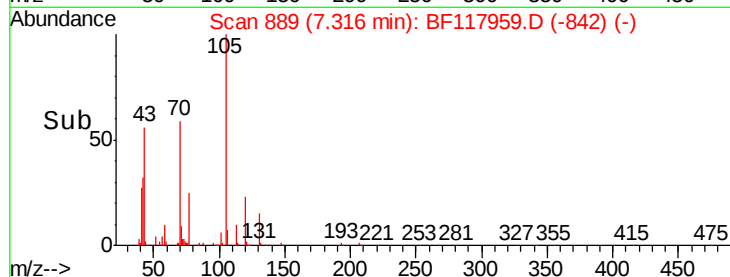
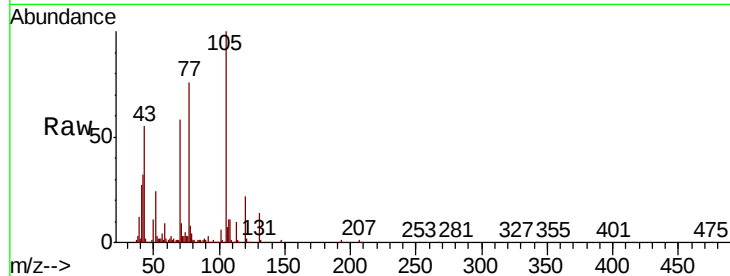
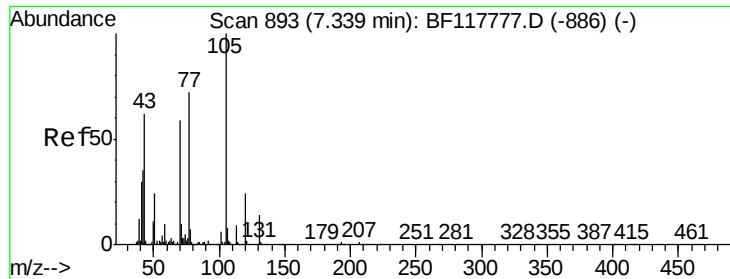
mohammad
11/25/2019 2:32:14 PM



#18
Hexachloroethane
Concen: 39.542 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	78.7	118.1	
201	105.4	86.5	129.7	





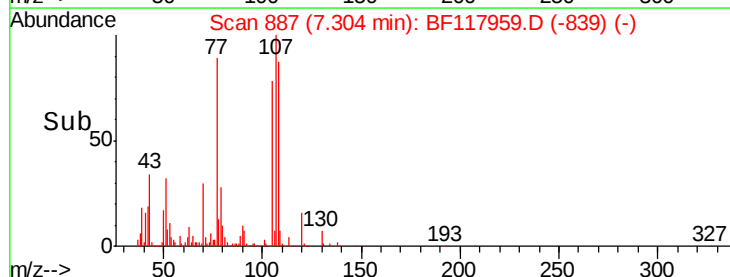
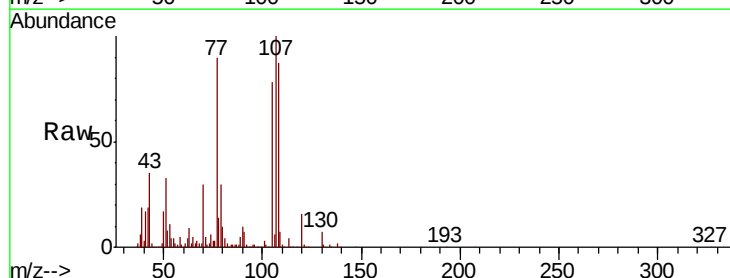
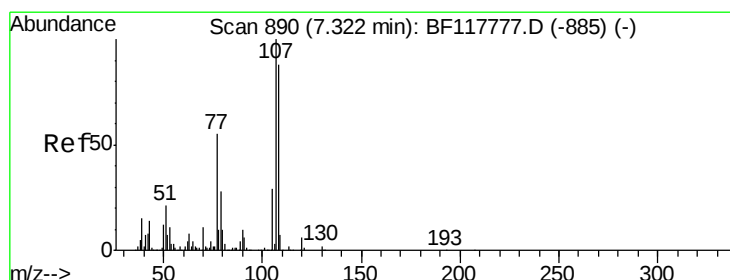
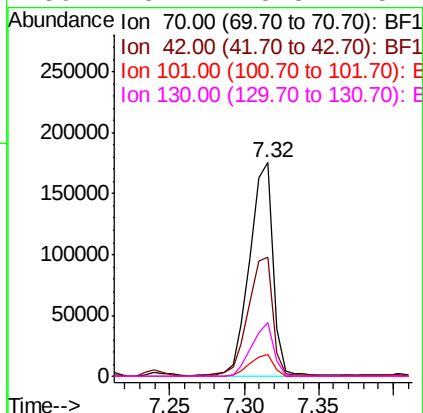
#19
n-Nitroso-di-n-propylamine
Concen: 37.968 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.4	71.2
101	10.2	8.4	12.6
130	25.1	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

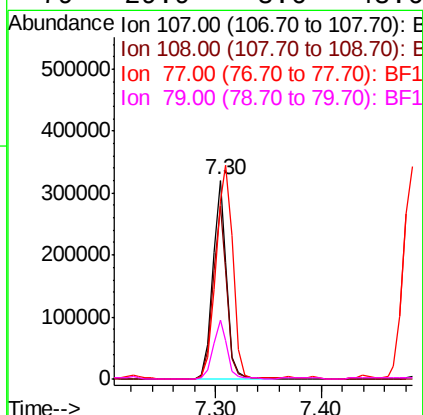
Manual Integrations
APPROVED

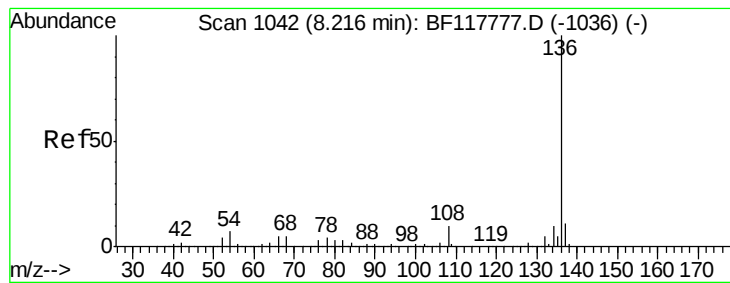
mohammad
11/25/2019 2:32:14 PM



#20
3+4-Methylphenols
Concen: 38.828 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.4	108.4
77	89.6	35.2	75.2#
79	29.9	8.6	48.6





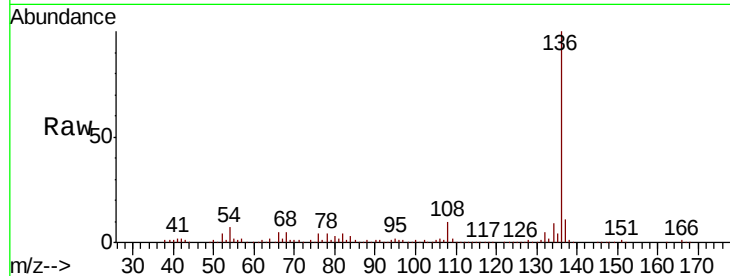
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		452266		
137	11.4	9.0	13.4		
54	7.0	5.4	8.2		
68	5.3	4.3	6.5		

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



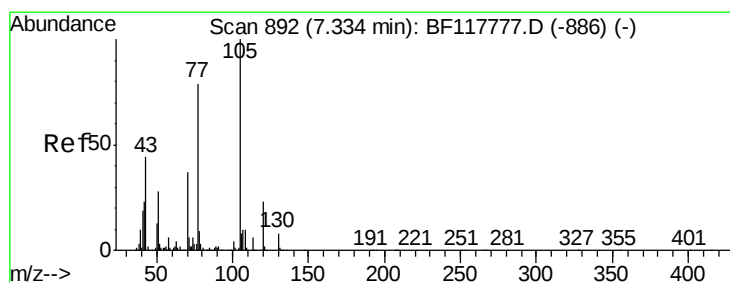
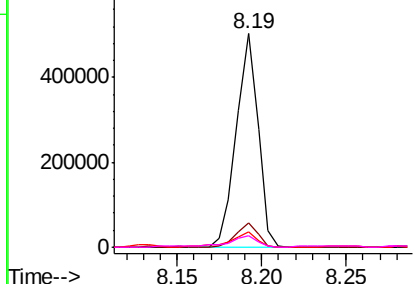
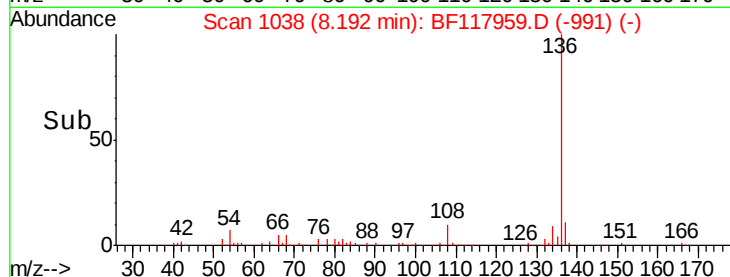
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

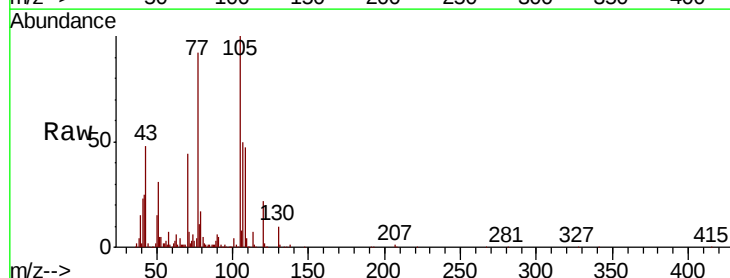
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.970 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		406139		
71	7.2	4.9	7.3		
51	31.5	22.7	34.1		
120	22.1	18.5	27.7		



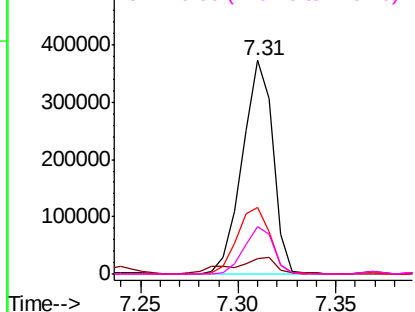
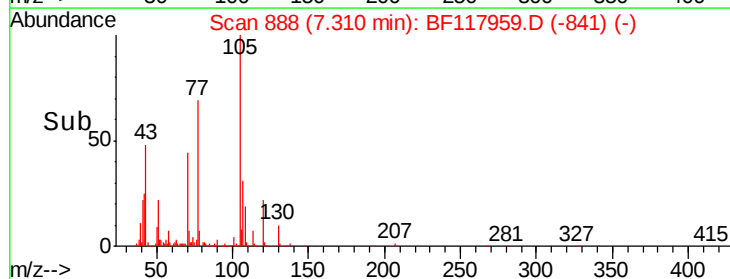
Abundance

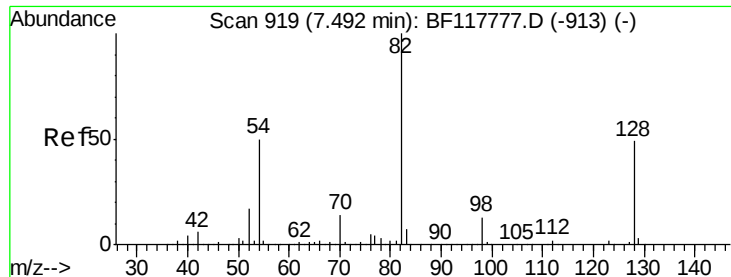
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





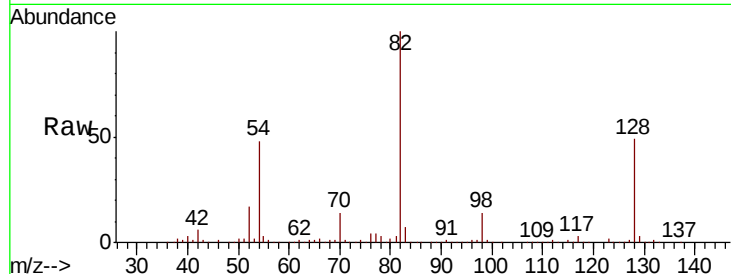
#23
Nitrobenzene-d5
Concen: 66.238 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

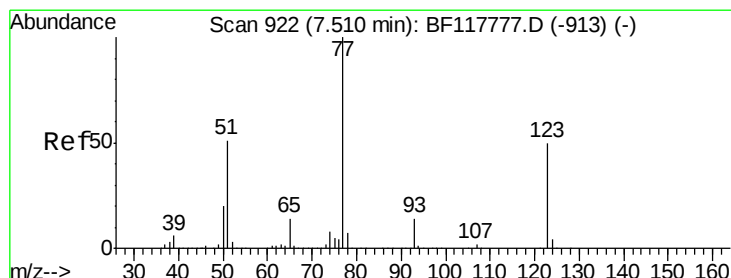
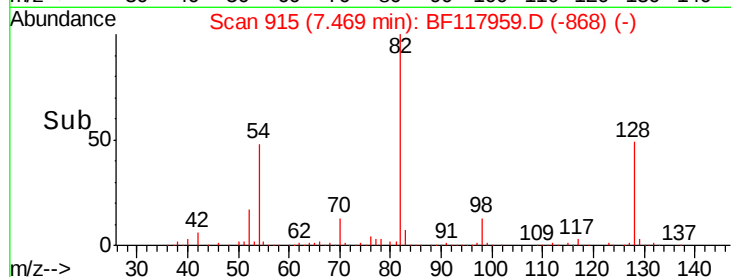
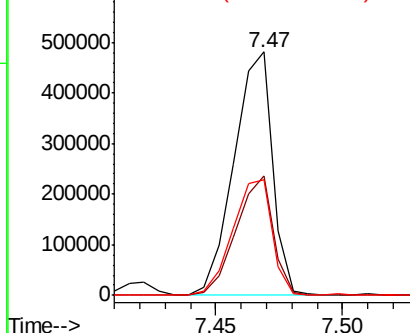
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.9	58.3
54	47.5	39.8	59.6

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

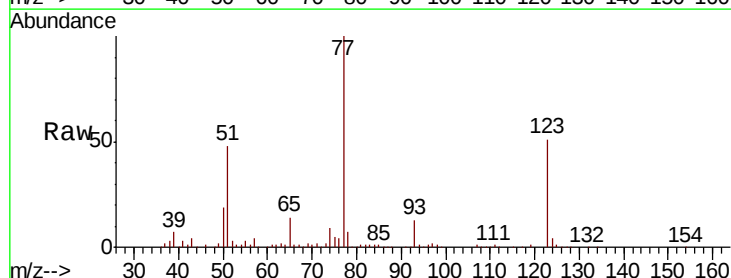


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

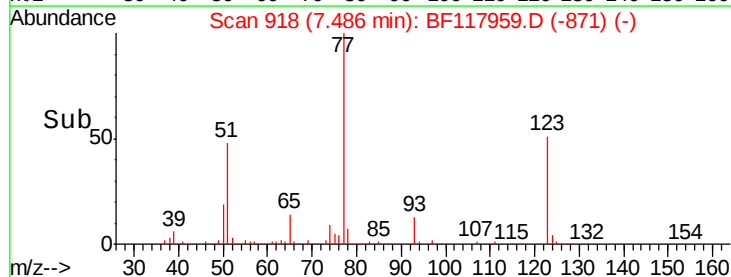
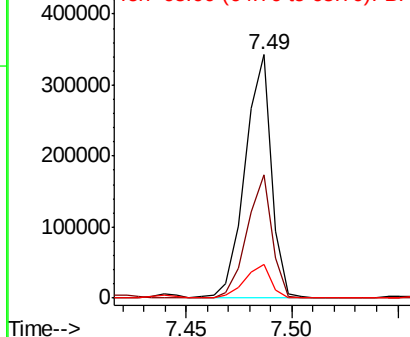


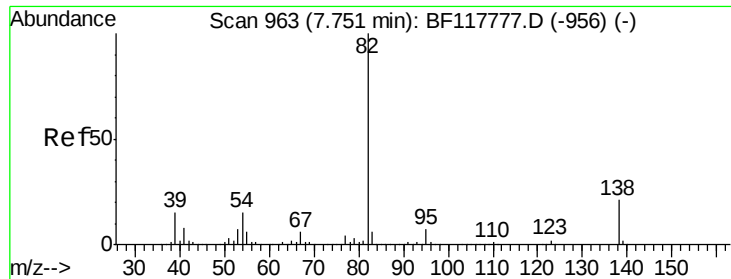
#24
Nitrobenzene
Concen: 37.400 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.3	60.5
65	13.9	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.358 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

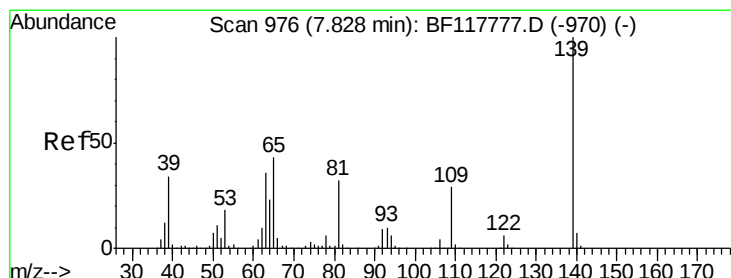
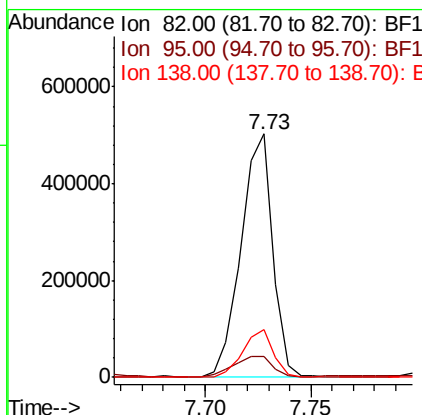
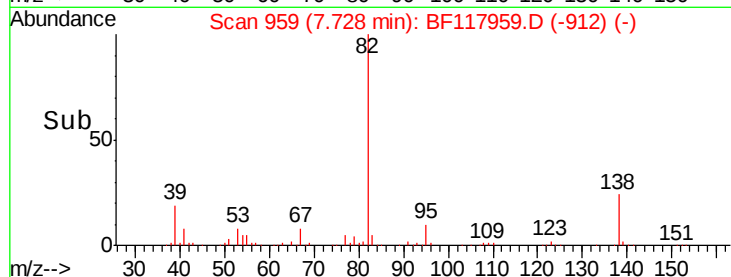
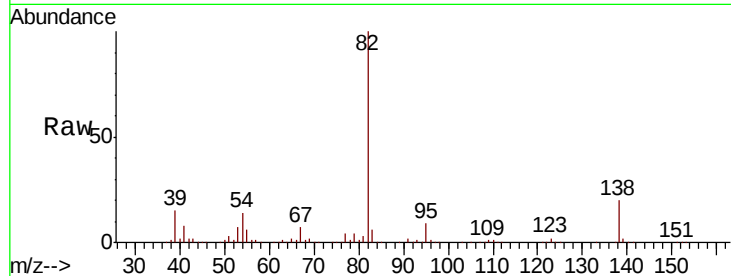
ClientSampleId :

25441-26560MSD

Tot Ion:	82	Resp:	520935
Ion Ratio	Lower	Upper	
82	100		
95	8.5	5.8	8.8
138	19.5	16.5	24.7

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#26

2-Nitrophenol

Concen: 42.078 ng

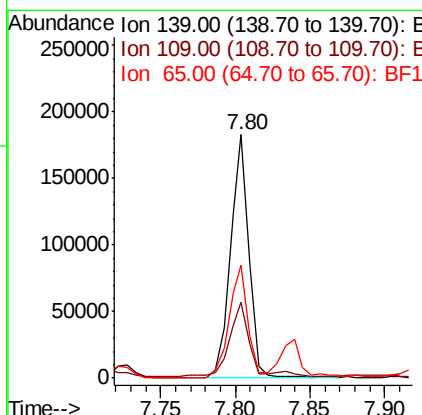
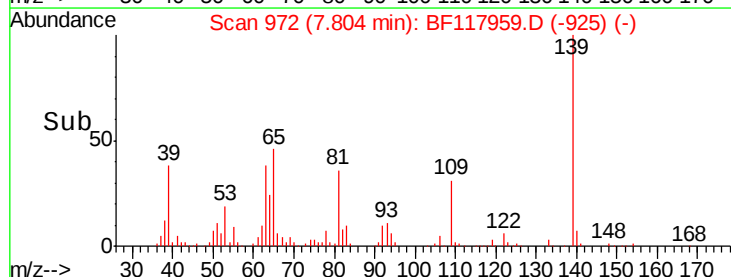
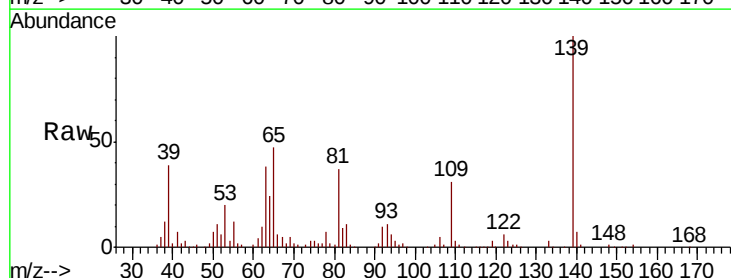
RT: 7.80 min Scan# 972

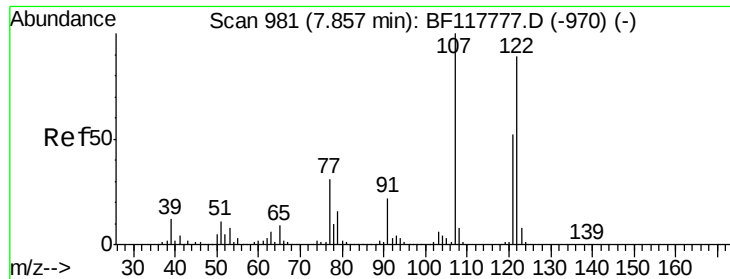
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	139	Resp:	160744
Ion Ratio	Lower	Upper	
139	100		
109	31.4	23.0	34.4
65	46.7	34.7	52.1





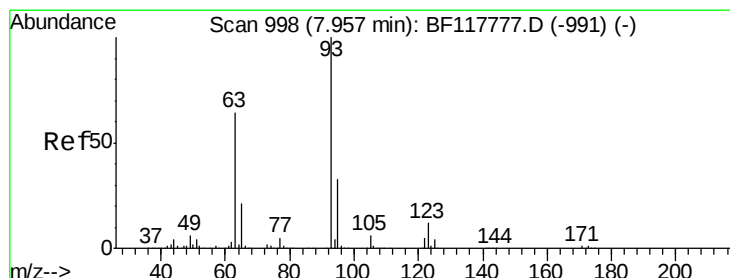
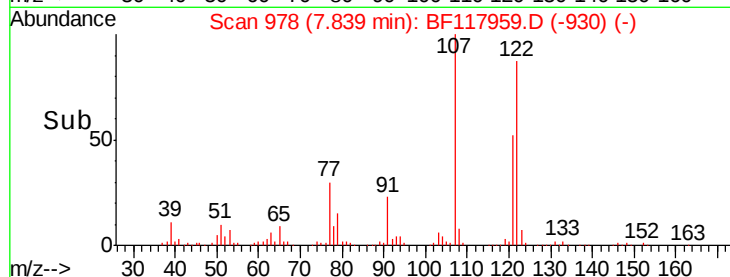
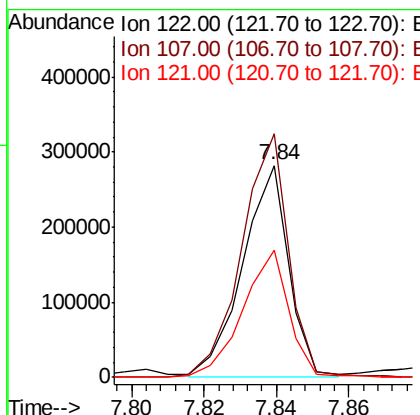
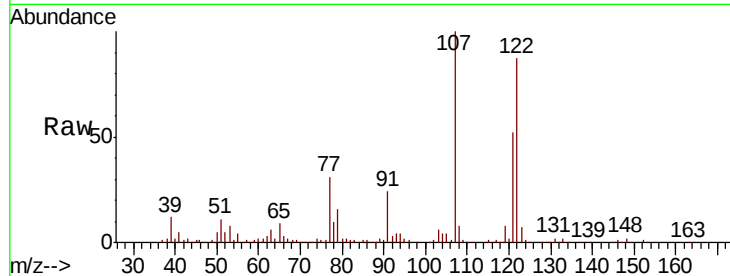
#27
2,4-Dimethylphenol
Concen: 41.734 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	90.0	135.0
121	59.9	46.7	70.1

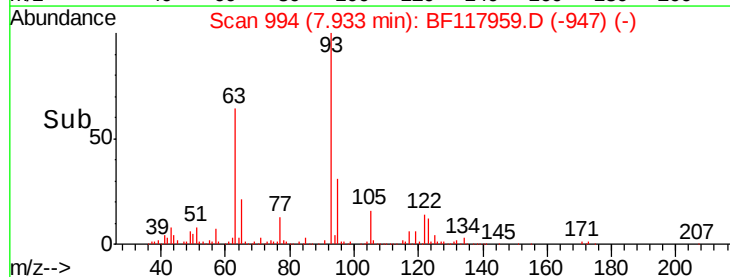
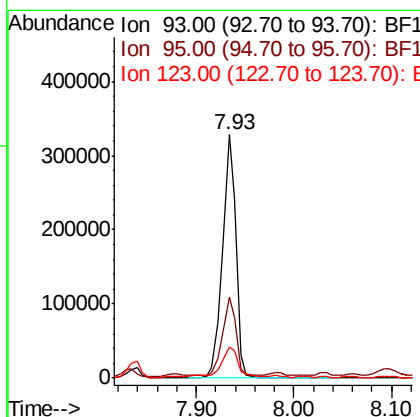
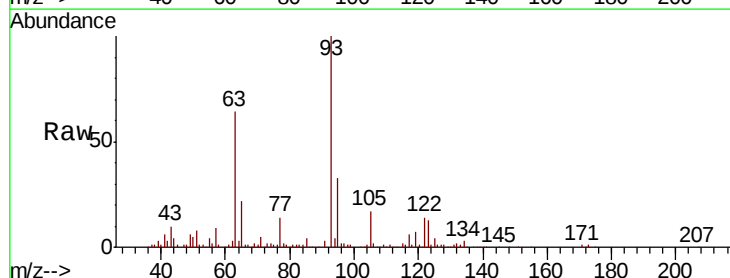
Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.393 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	12.6	10.3	15.5





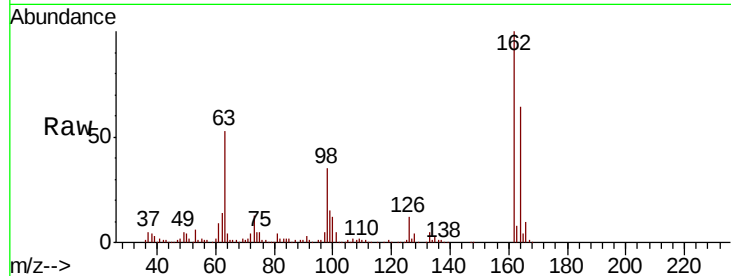
#29
2,4-Dichlorophenol
Concen: 37.201 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239536		
164	63.9	45.1	85.1	
98	34.7	17.2	57.2	

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

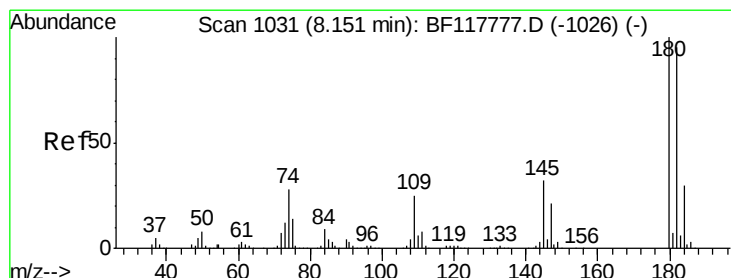
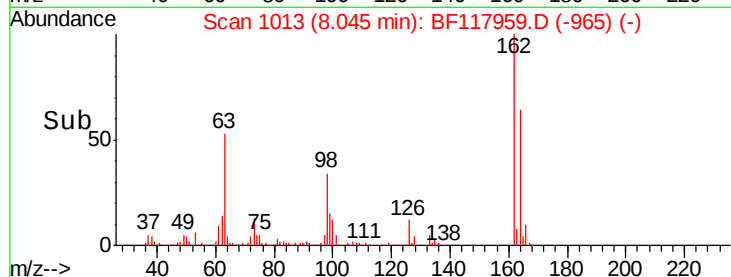
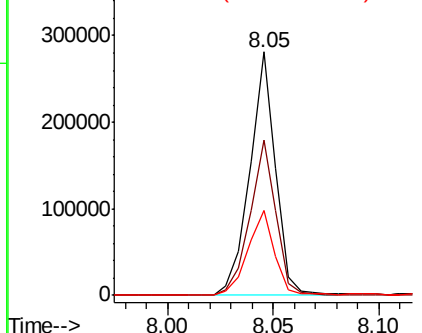


Abundance

Ion 162.00 (161.70 to 162.70): E

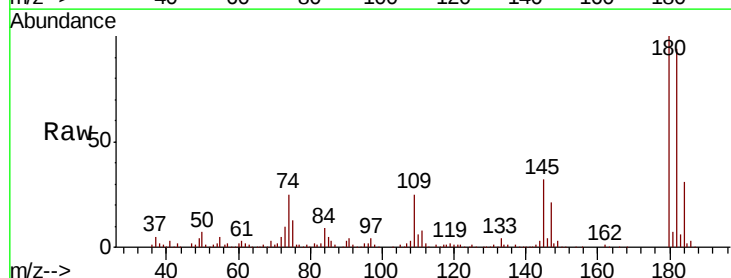
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.750 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267009		
182	94.5	75.8	113.6	
145	31.9	25.5	38.3	

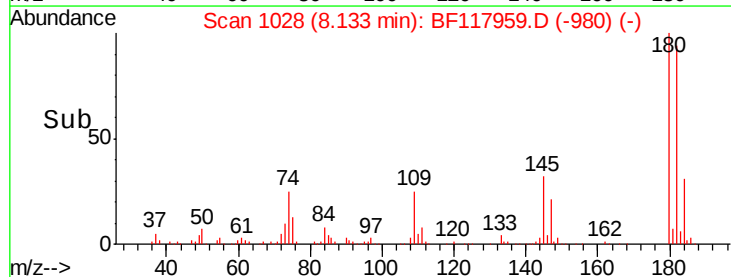
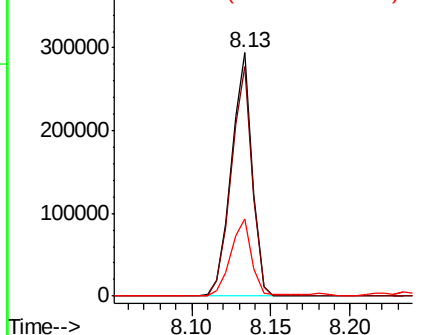


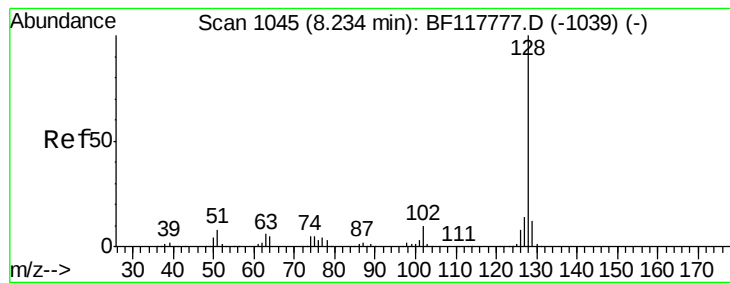
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.466 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

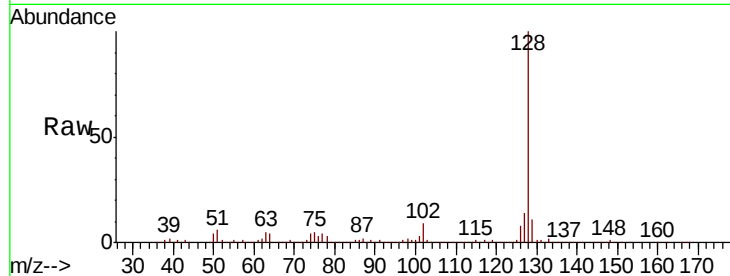
ClientSampleId :

25441-26560MSD

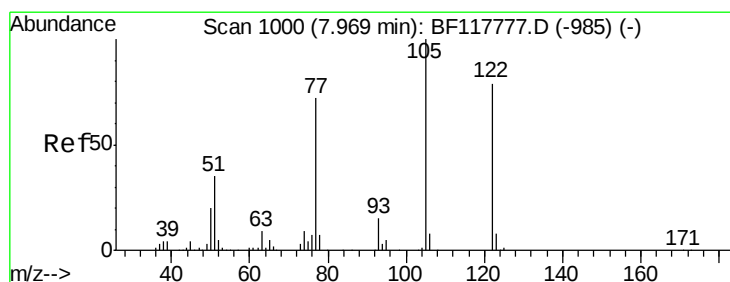
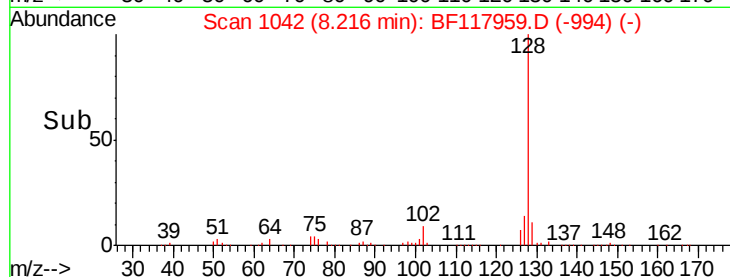
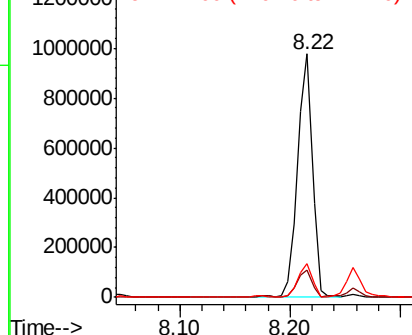
Tot Ion:	128	Resp:	895352
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.5	14.3
127	13.8	11.3	16.9

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



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



#32

Benzoic acid

Concen: 38.202 ng

RT: 7.95 min Scan# 997

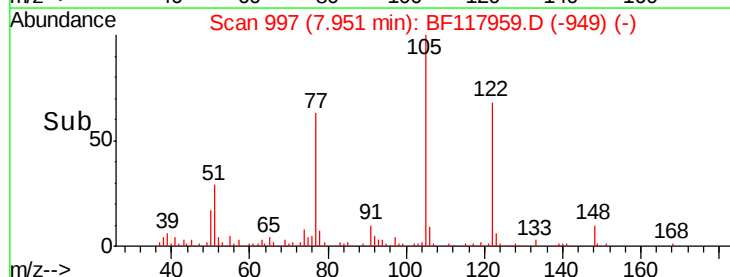
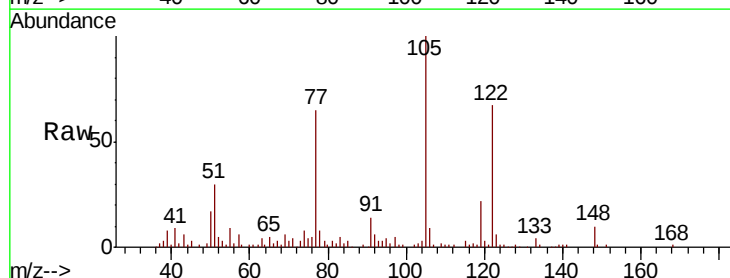
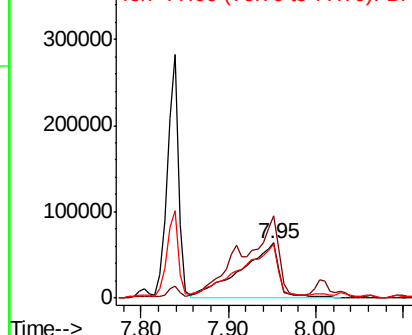
Delta R.T. -0.02 min

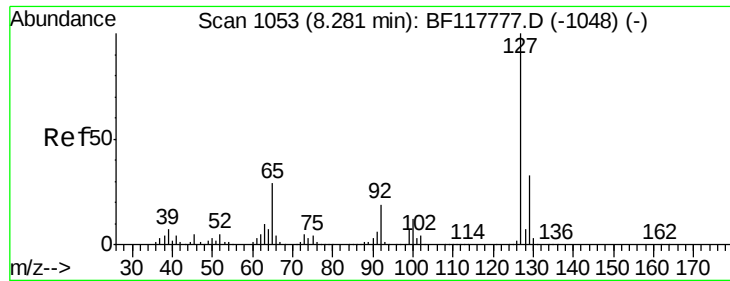
Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	122	Resp:	189880
Ion Ratio	Lower	Upper	
122	100		
105	149.6	102.7	142.7#
77	97.6	70.5	110.5

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





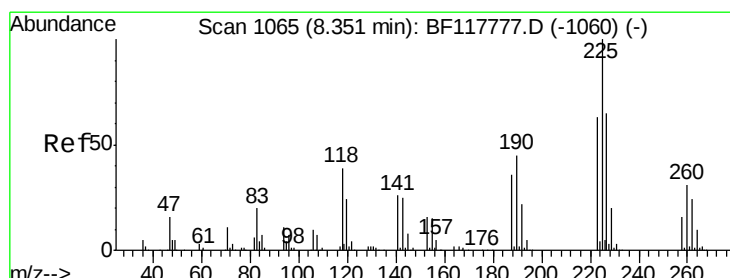
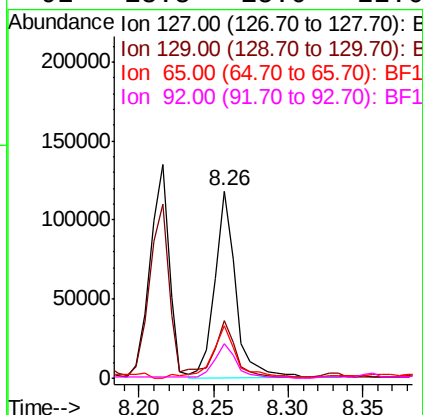
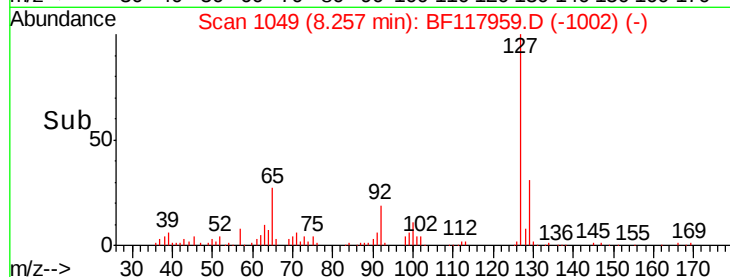
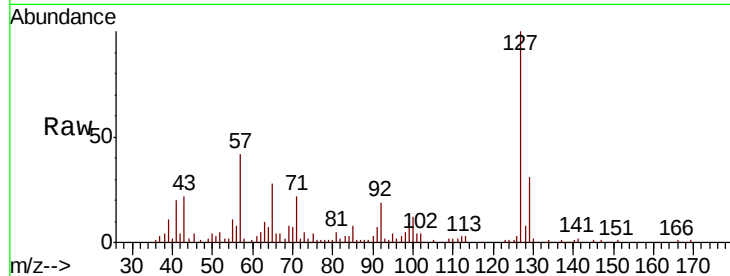
#33
4-Chloroaniline
Concen: 12.231 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.8	26.5	39.7		
65	27.8	22.9	34.3		
92	18.8	15.0	22.6		

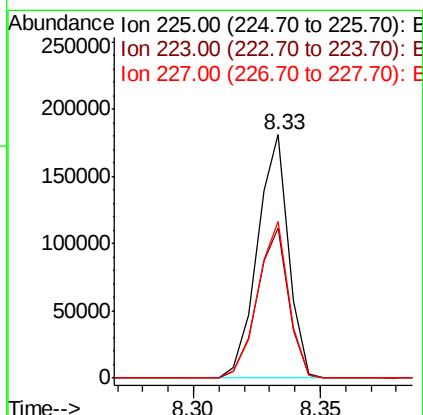
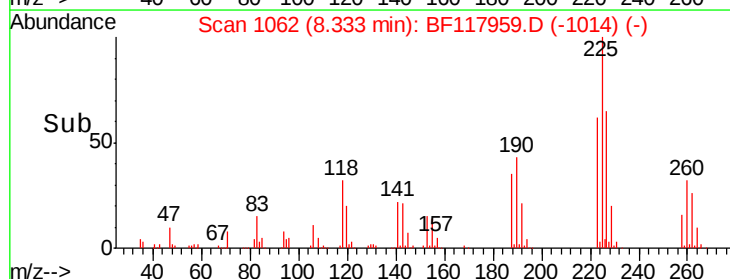
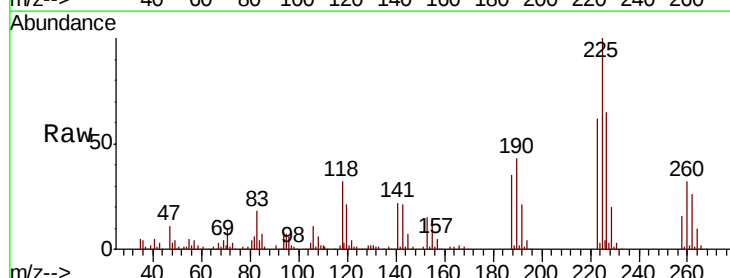
Manual Integrations
APPROVED

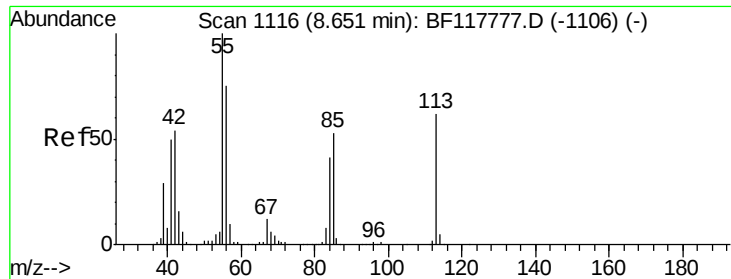
mohammad
11/25/2019 2:32:14 PM



#34
Hexachlorobutadiene
Concen: 35.327 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	50.0	75.0		
227	64.5	51.8	77.6		





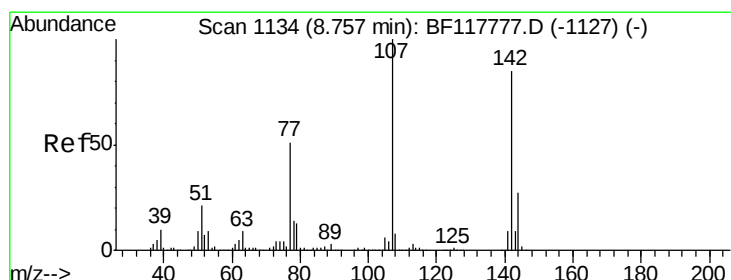
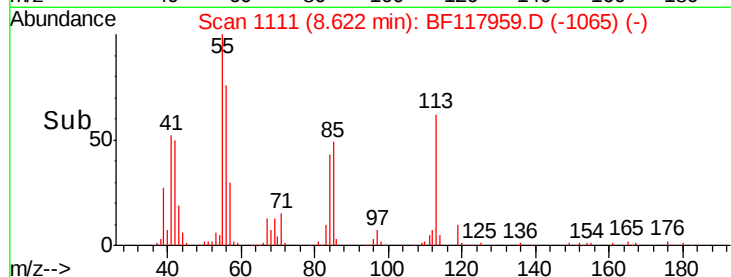
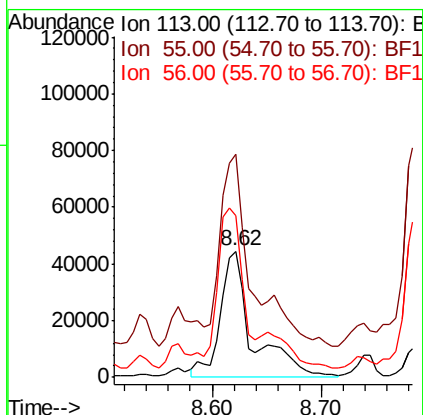
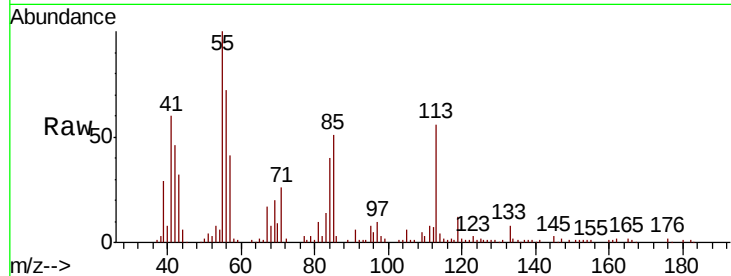
#35
Caprolactam
Concen: 45.060 ng/ml
RT: 8.62 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.5	141.1	181.1
56	128.0	100.5	140.5

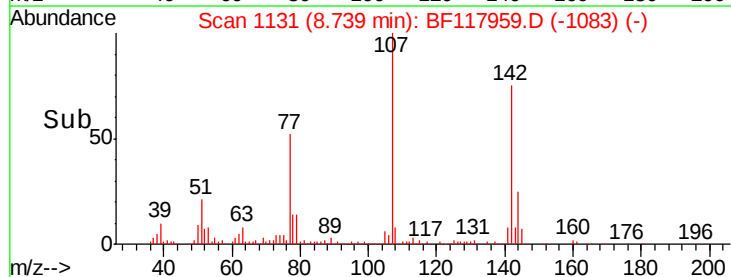
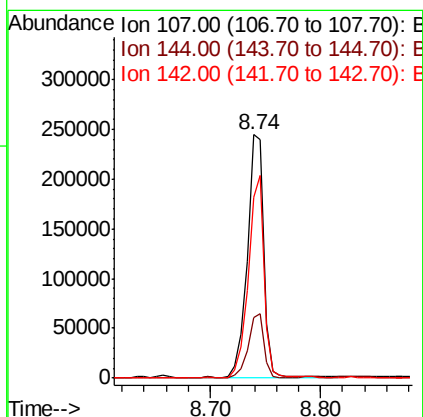
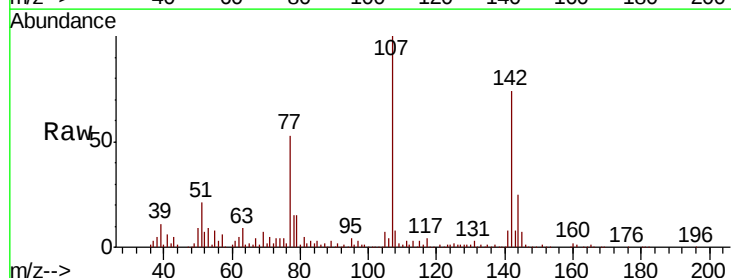
Manual Integrations
APPROVED

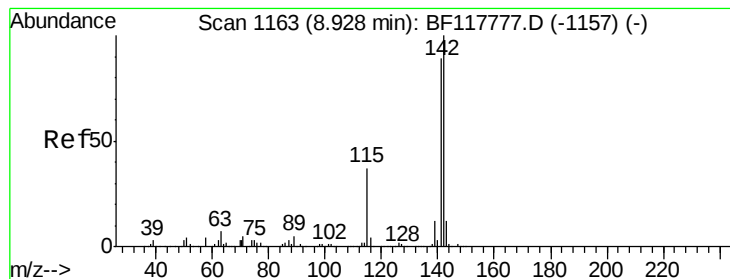
mohammad
11/25/2019 2:32:14 PM



#36
4-Chloro-3-methylphenol
Concen: 39.376 ng/ml
RT: 8.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.9	32.9
142	74.3	67.7	101.5





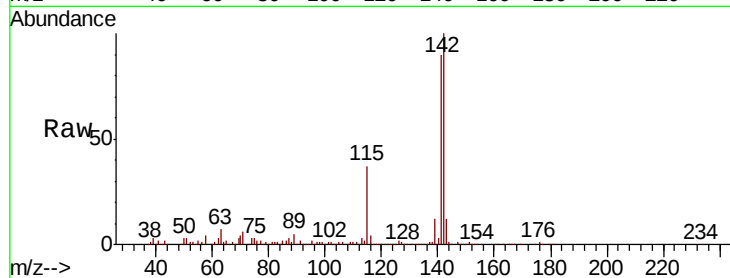
#37
2-Methylnaphthalene
Concen: 43.405 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7
115	36.9	29.2	43.8

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

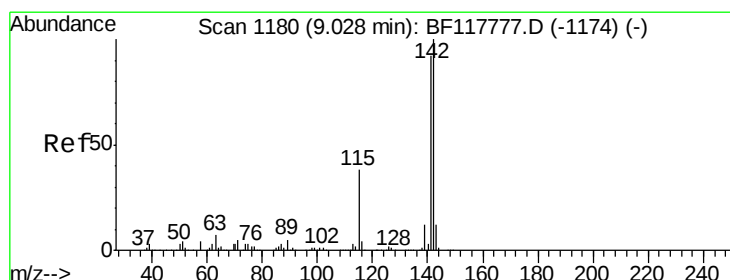
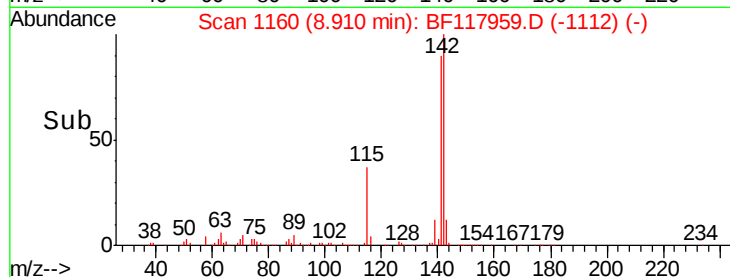
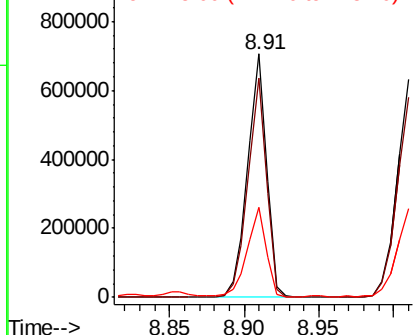


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.232 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

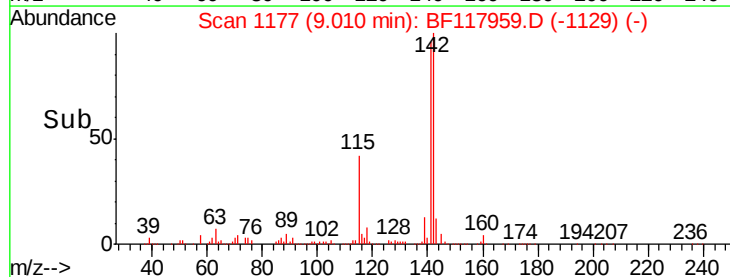
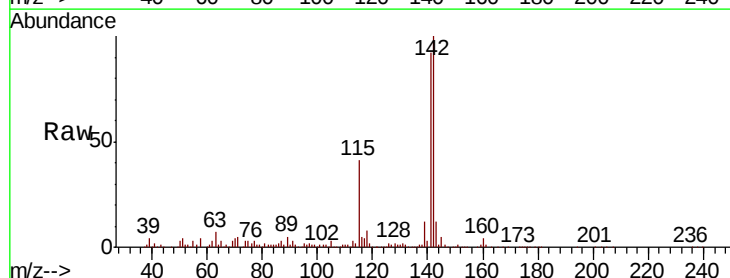
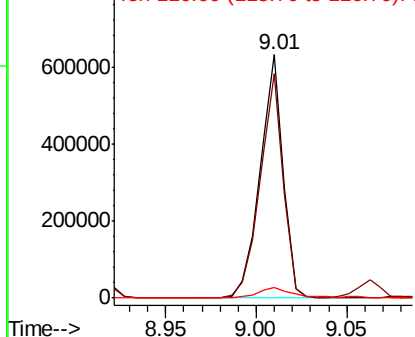
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
116	4.6	3.2	4.8

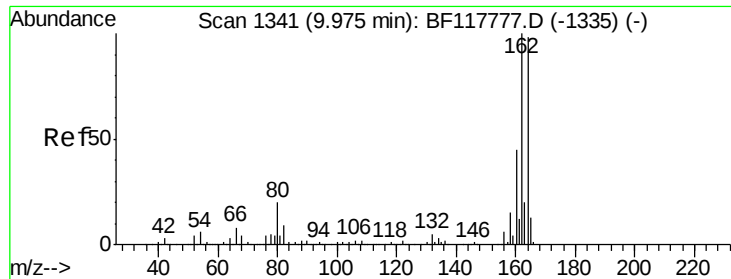
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





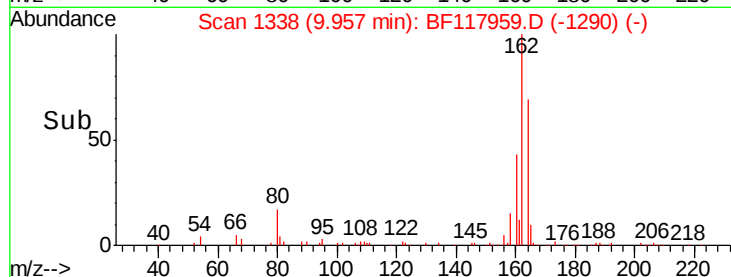
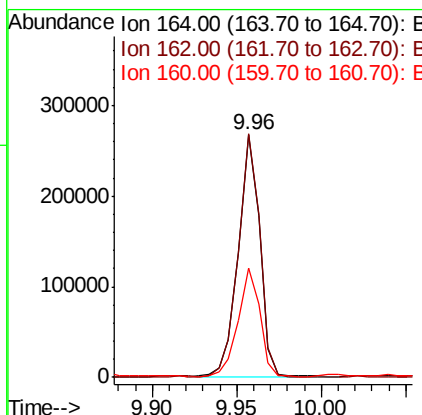
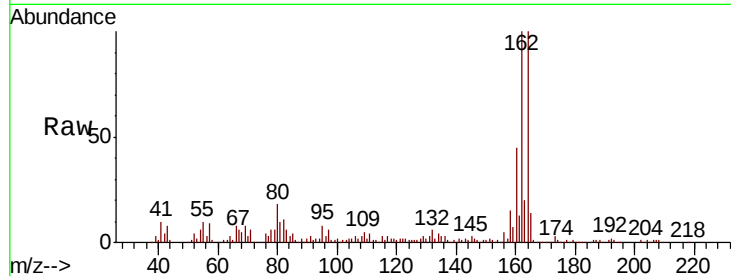
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	44.9	36.6	55.0

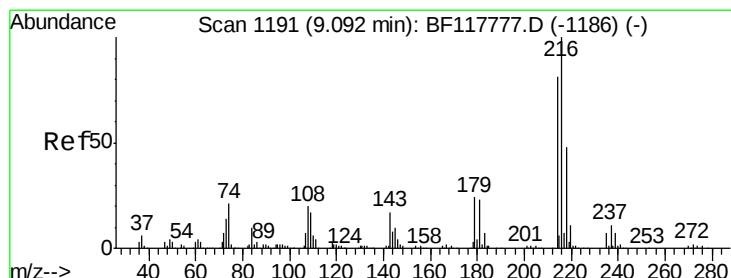
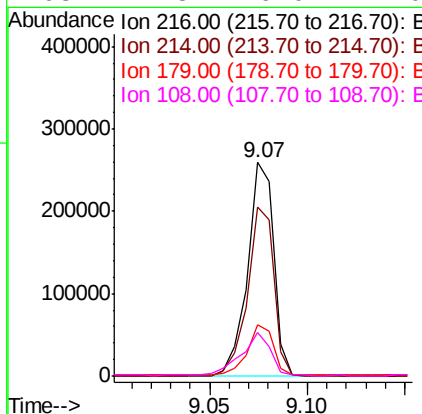
Manual Integrations
APPROVED

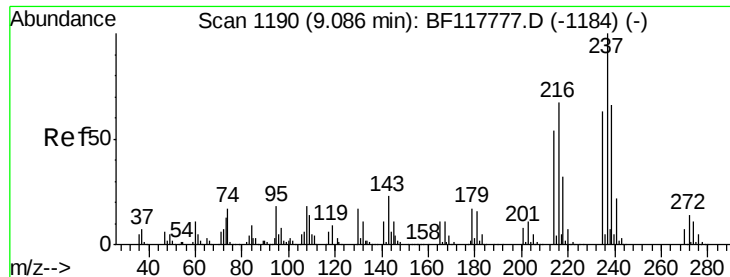
mohammad
11/25/2019 2:32:14 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.361 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	23.1	18.2	27.4
108	22.8	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 81.858 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

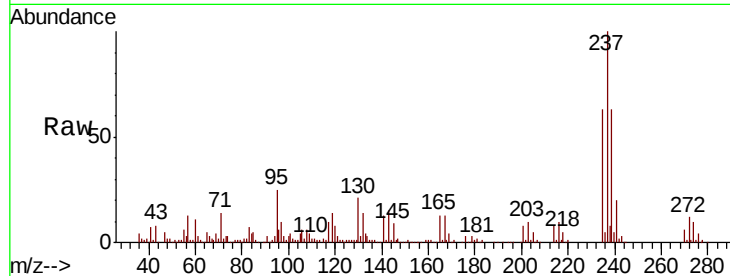
ClientSampleId :

25441-26560MSD

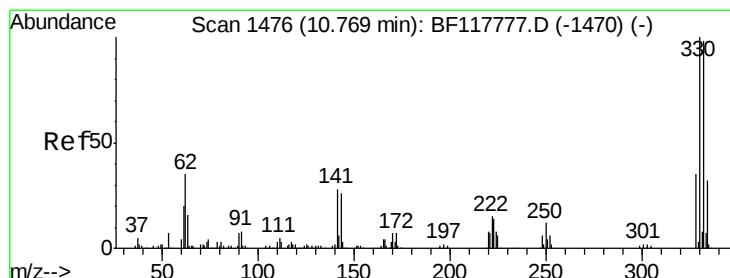
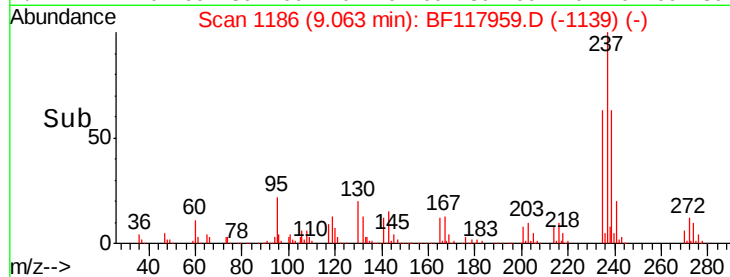
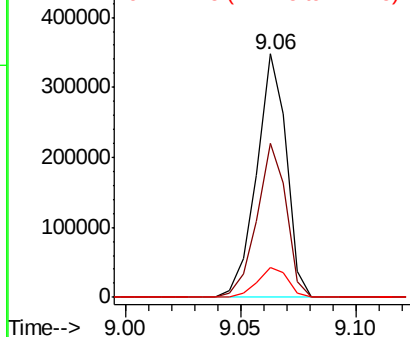
Tot Ion:	237	Resp:	313427
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.6	82.6
272	12.4	0.0	34.3

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



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



#42

2,4,6-Tribromophenol

Concen: 103.723 ng

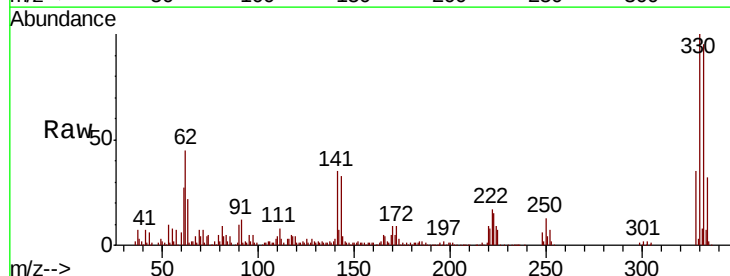
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

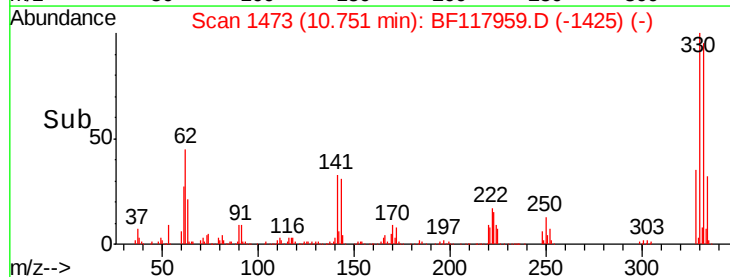
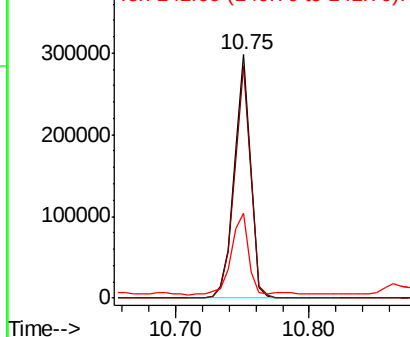
Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	330	Resp:	258352
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.7	115.1
141	35.1	27.7	41.5



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





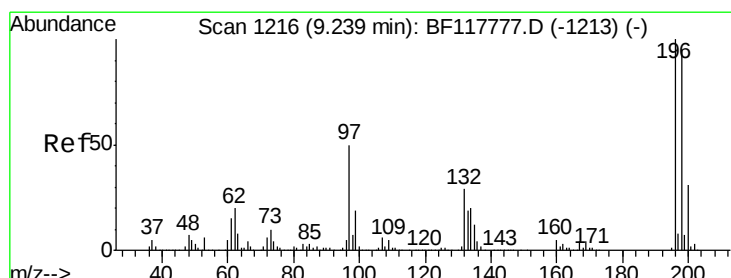
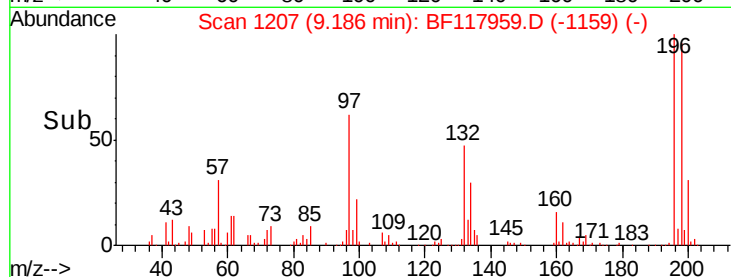
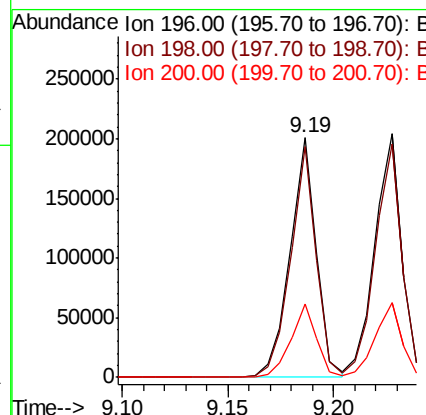
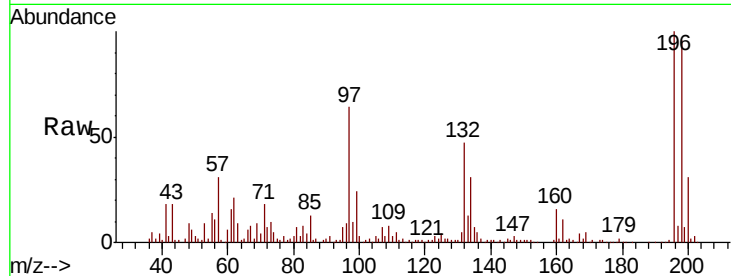
#43
 2,4,6-Trichlorophenol
 Concen: 35.675 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174589		
198	96.3	77.8	116.6	
200	30.7	25.4	38.0	

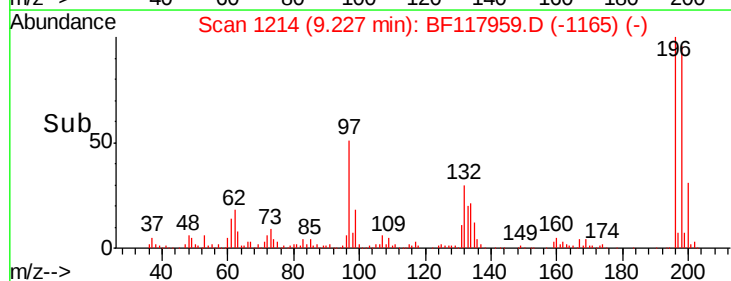
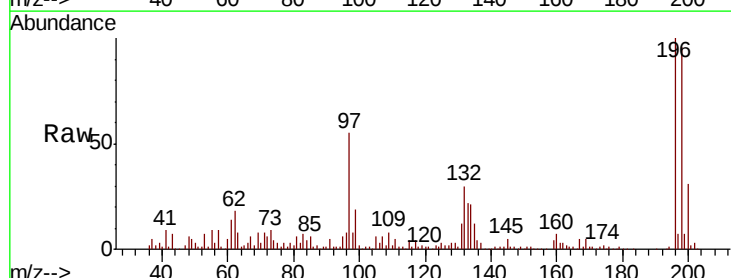
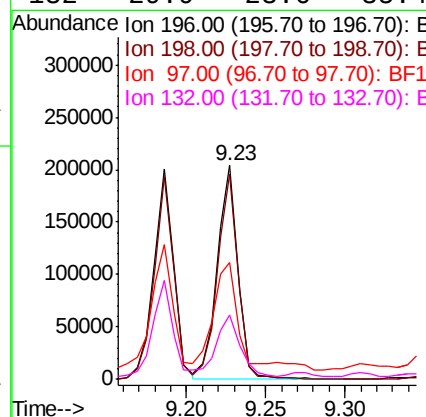
Manual Integrations
 APPROVED

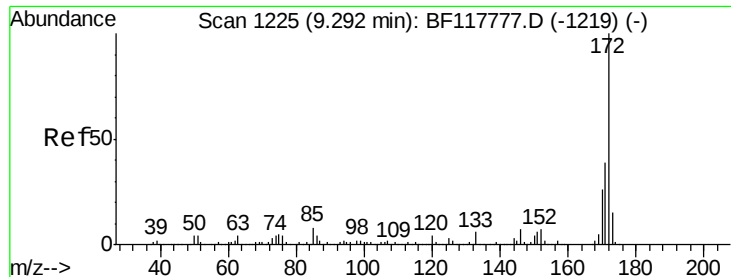
mohammad
 11/25/2019 2:32:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.001 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	182928		
198	96.1	76.3	114.5	
97	54.8	40.0	60.0	
132	29.9	23.6	35.4	





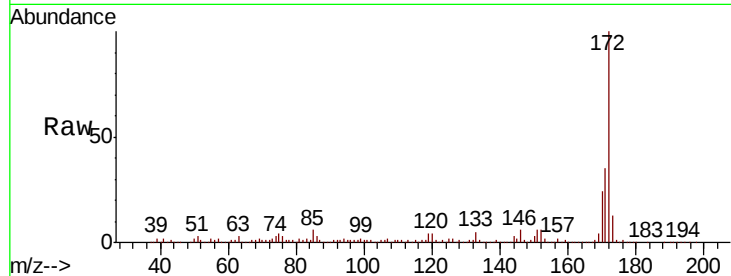
#45
2-Fluorobiphenyl
Concen: 73.041 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.9	46.3
170	23.8	21.0	31.4

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

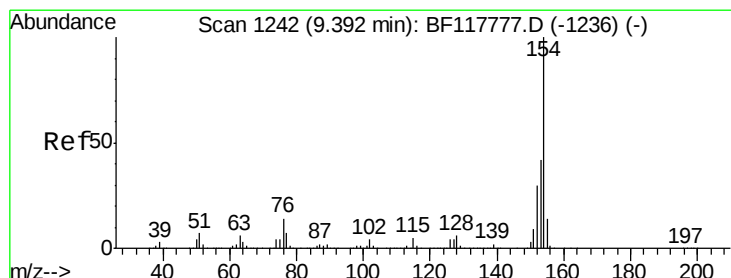
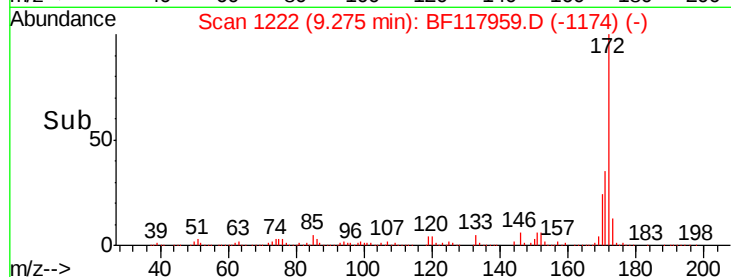
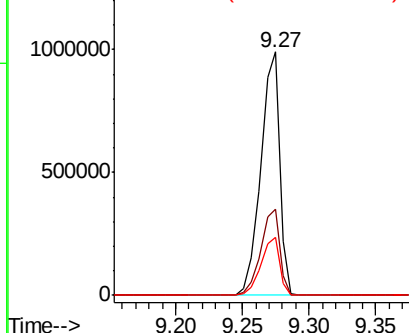


Abundance

Ion 172.00 (171.70 to 172.70): E

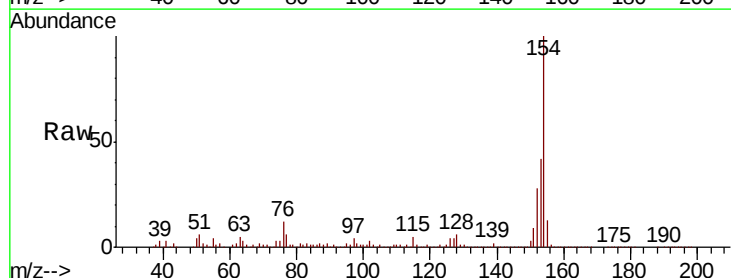
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.839 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	11.5	0.0	33.6

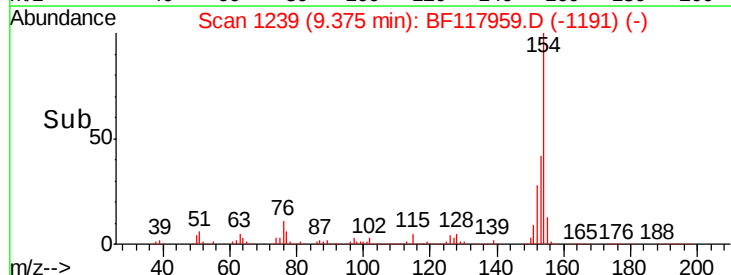
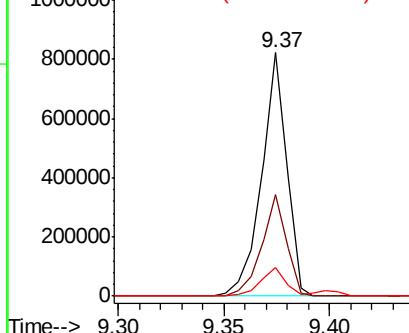


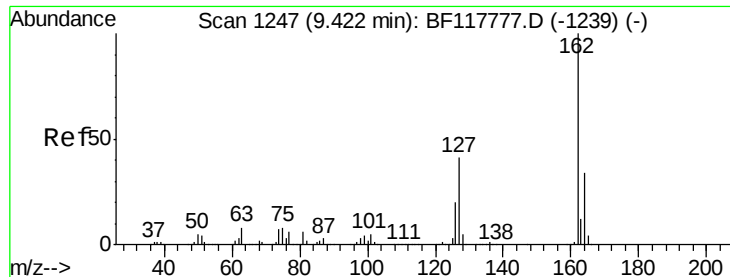
Abundance

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





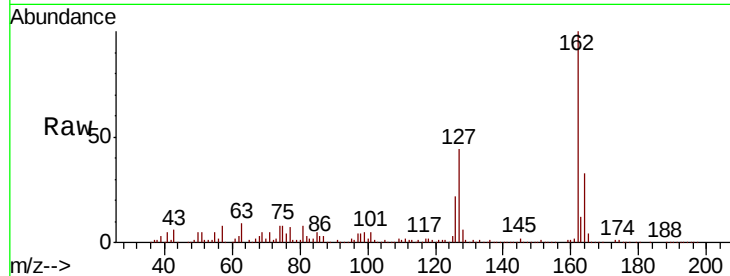
#47
2-Chloronaphthalene
Concen: 35.509 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.3	33.2	49.8
164	32.9	27.3	40.9

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

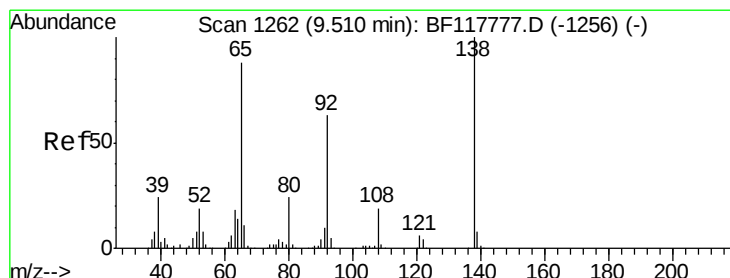
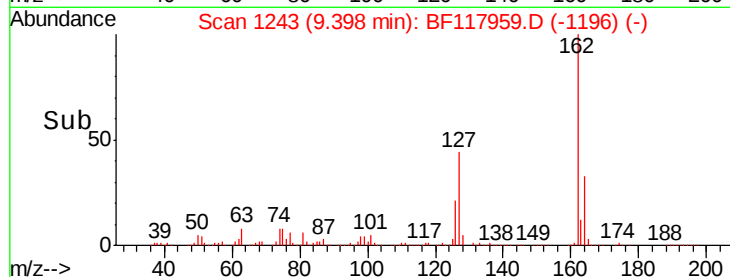
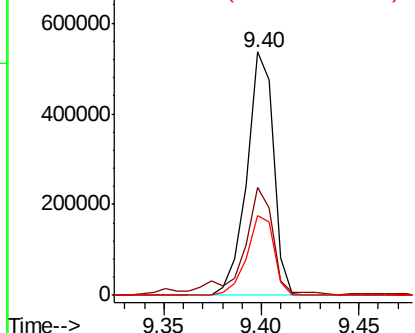


Abundance

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: 34.788 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

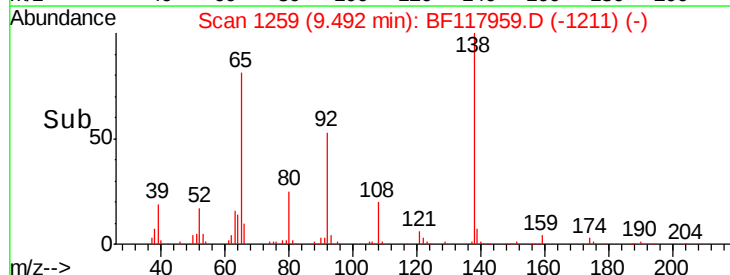
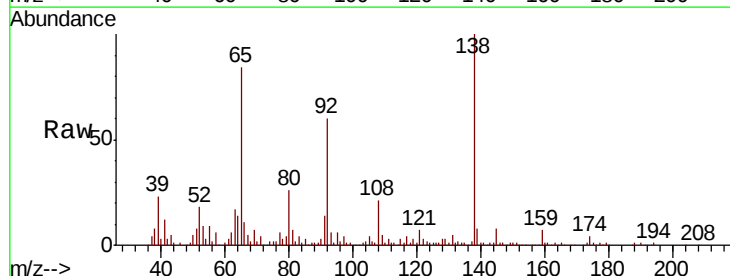
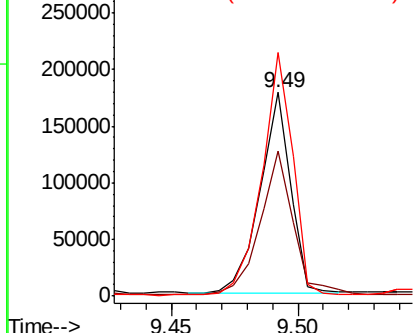
Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	56.6	84.8
138	119.6	90.5	135.7

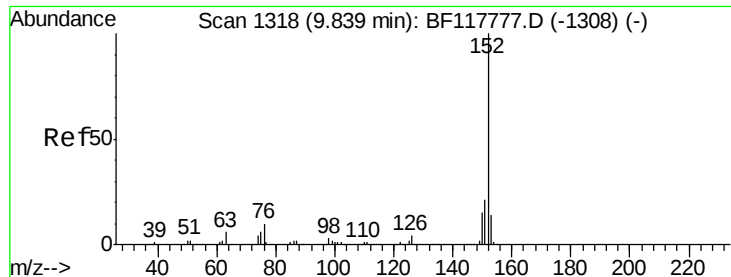
Abundance

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: 39.802 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

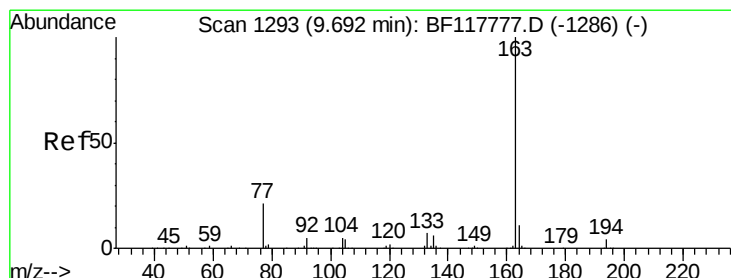
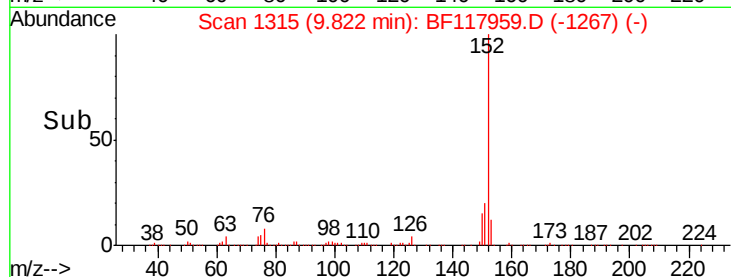
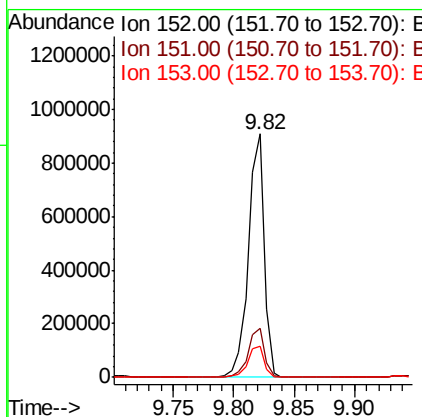
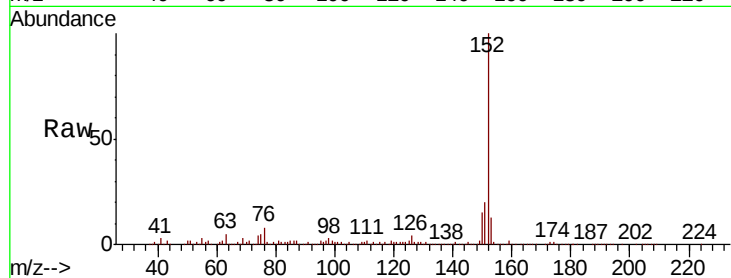
ClientSampleId :

25441-26560MSD

Tot Ion:	152	Resp:	833262
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.0	25.6
153	12.9	11.0	16.6

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#50

Dimethylphthalate

Concen: 45.797 ng

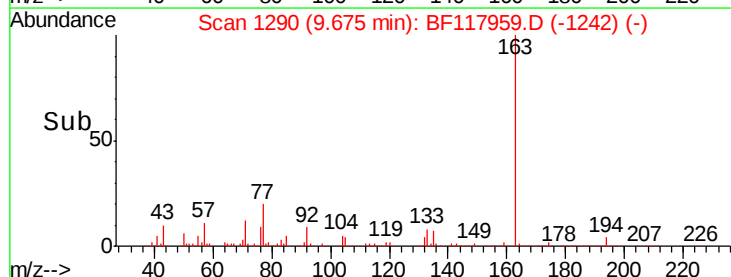
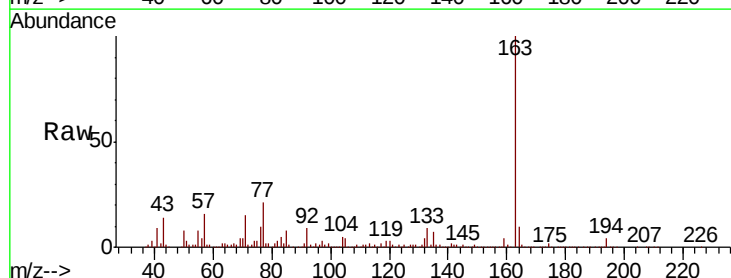
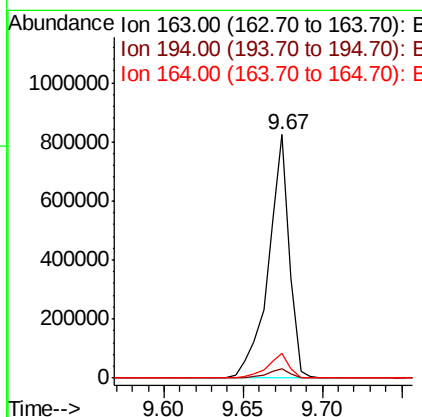
RT: 9.67 min Scan# 1290

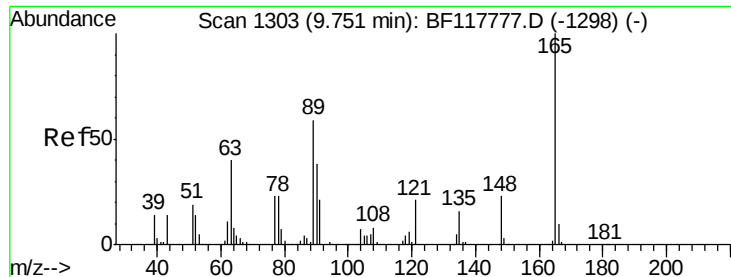
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	163	Resp:	755569
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.1	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 37.249 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

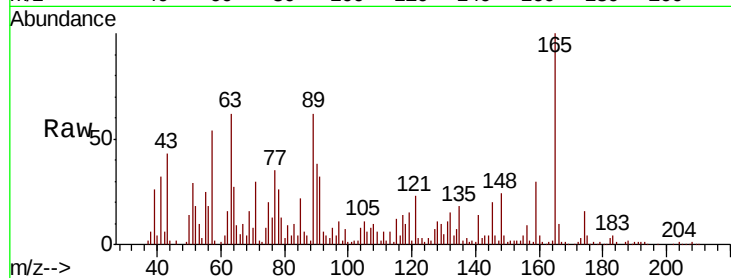
ClientSampleId :

25441-26560MSD

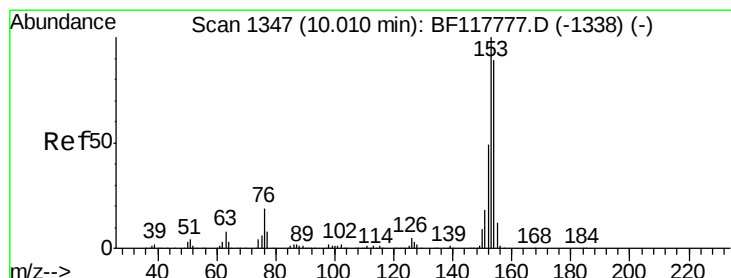
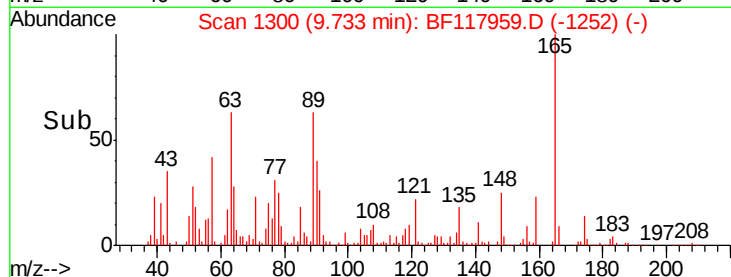
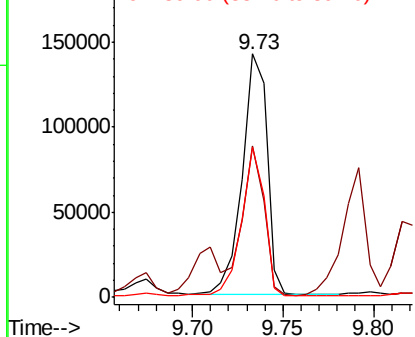
Tot Ion:	165	Resp:	134311
Ion Ratio	Lower	Upper	
165	100		
63	62.5	46.0	69.0
89	61.8	47.7	71.5

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 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: 42.161 ng

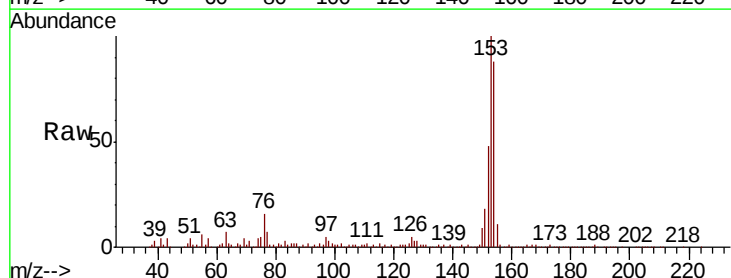
RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

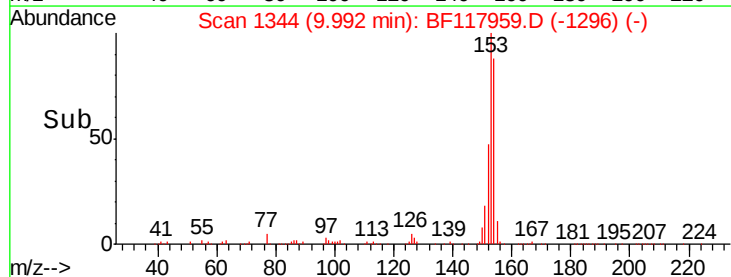
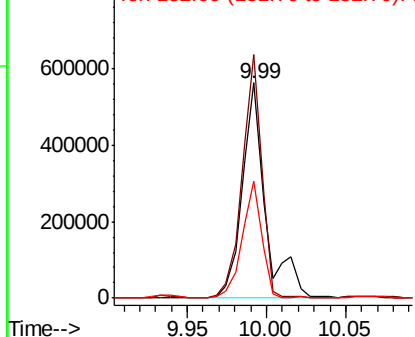
Lab File: BF117959.D

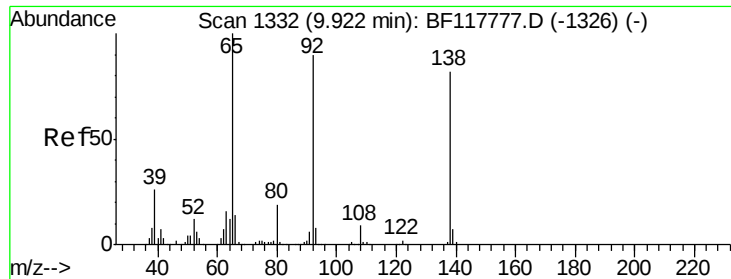
Acq: 23 Nov 2019 16:27

Tgt Ion:	154	Resp:	565425
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.1	135.1
152	54.4	44.0	66.0



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





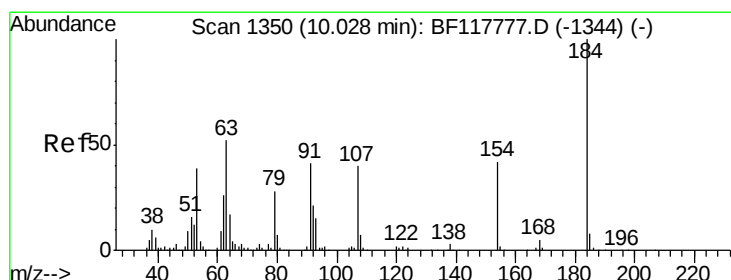
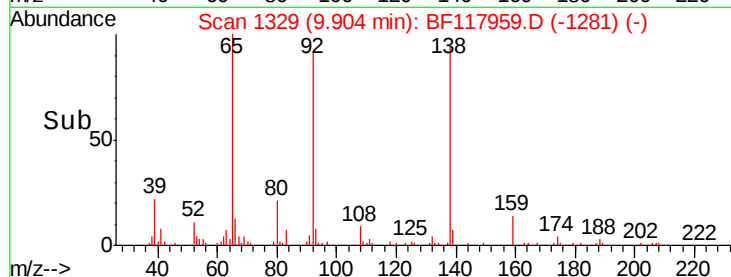
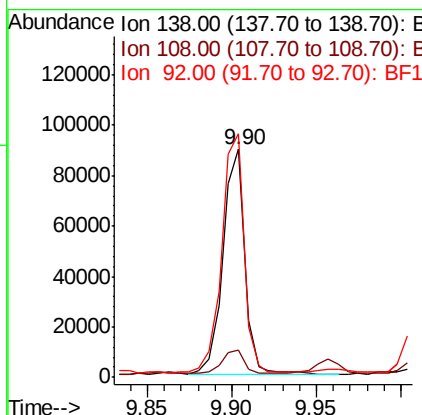
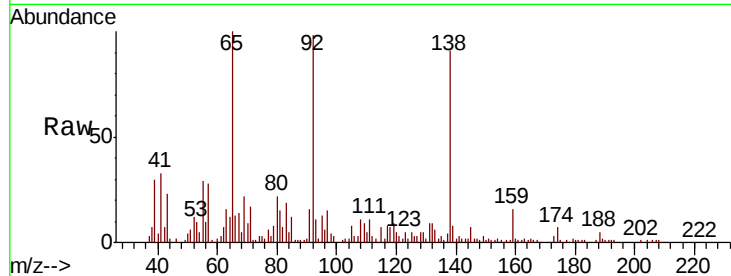
#53
3-Nitroaniline
Concen: 18.686 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.6	12.8
92	106.9	87.9	131.9

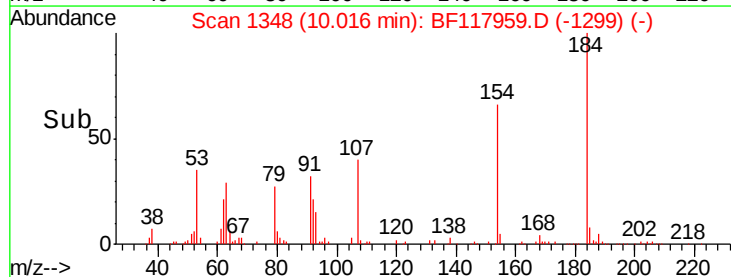
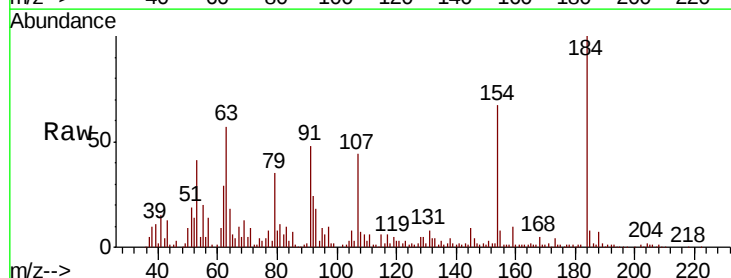
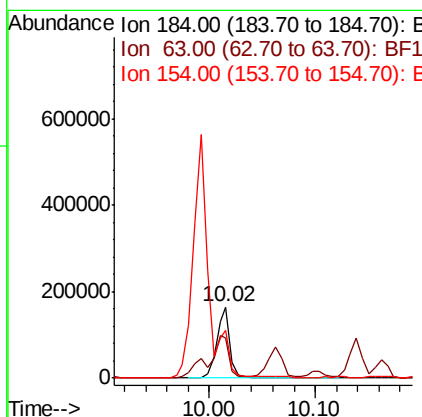
Manual Integrations
APPROVED

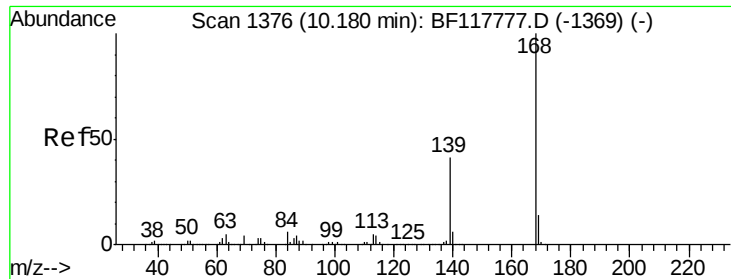
mohammad
11/25/2019 2:32:14 PM



#54
2,4-Dinitrophenol
Concen: 78.896 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	43.0	64.6
154	66.8	48.0	72.0





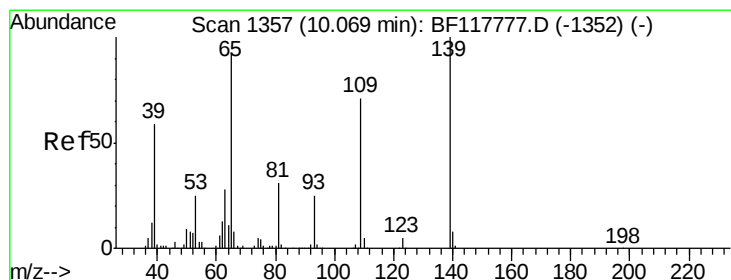
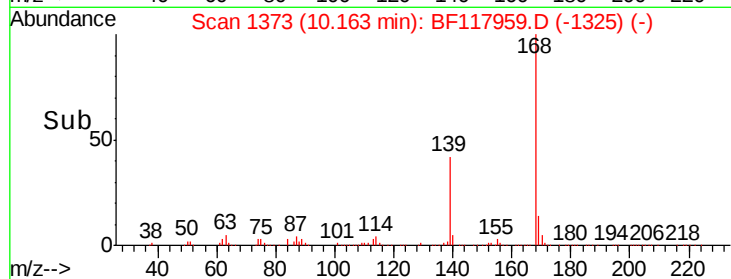
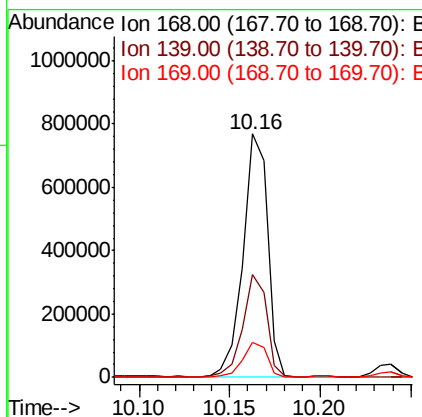
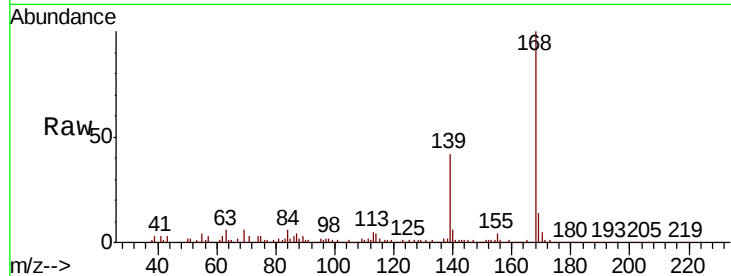
#55
Dibenzofuran
Concen: 38.825 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.0	49.6
169	14.4	11.5	17.3

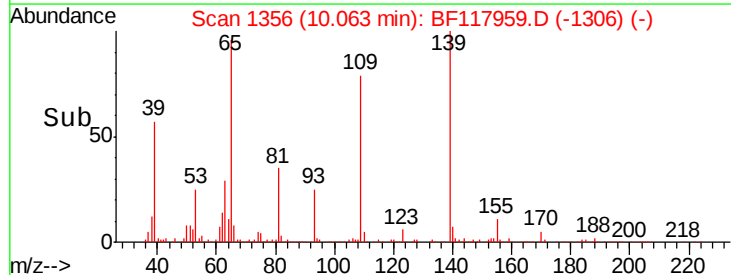
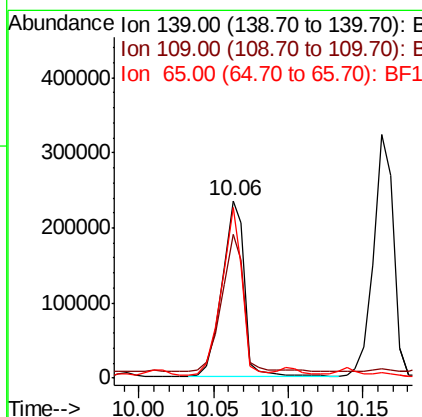
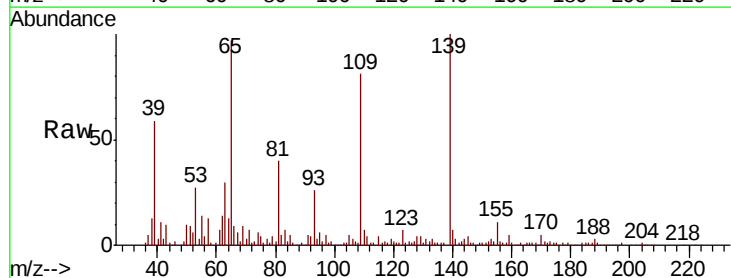
Manual Integrations
APPROVED

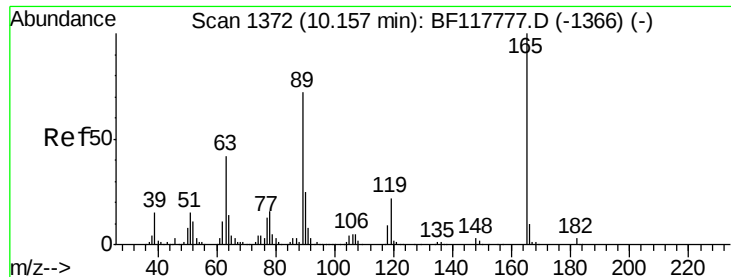
mohammad
11/25/2019 2:32:14 PM



#56
4-Nitrophenol
Concen: 77.764 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.0	50.8	90.8
65	96.6	73.6	113.6





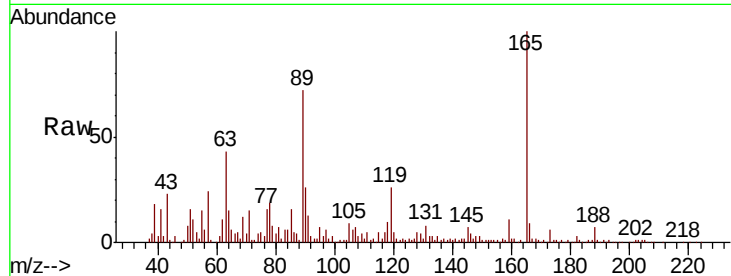
#57
2,4-Dinitrotoluene
Concen: 39.544 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

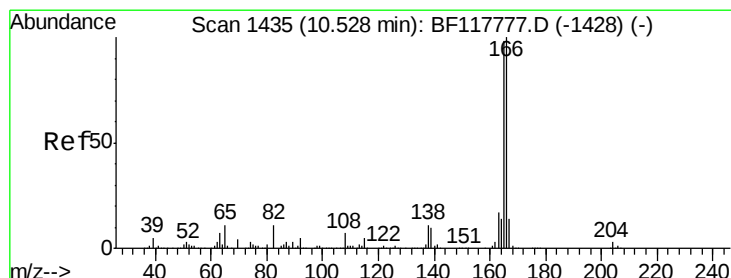
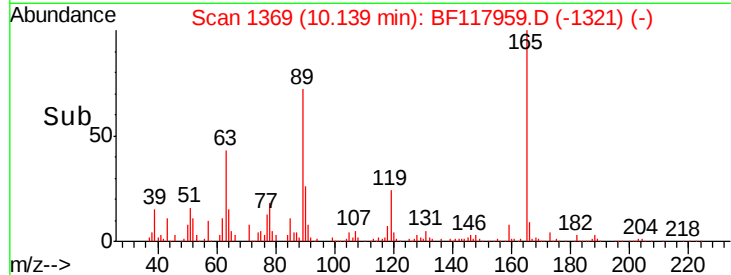
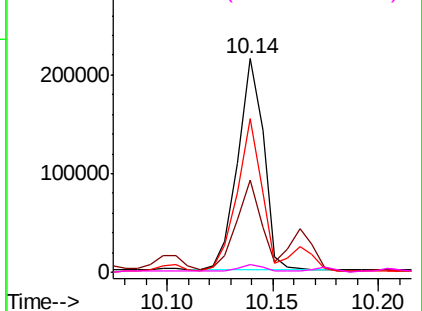
Tot Ion	Ratio	Resp	Lower	Upper
165	100	181376		
63	42.9	33.7	50.5	
89	71.8	57.3	85.9	
182	3.3	2.3	3.5	

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



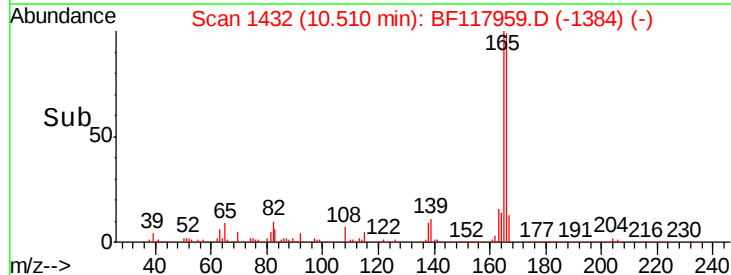
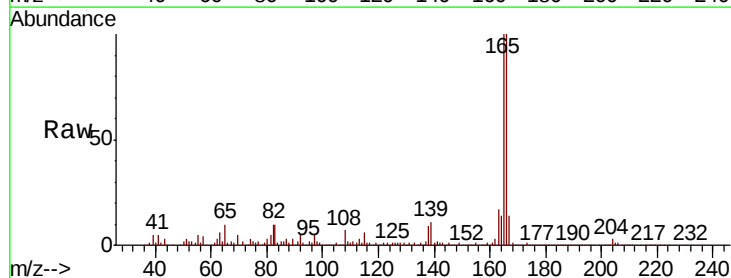
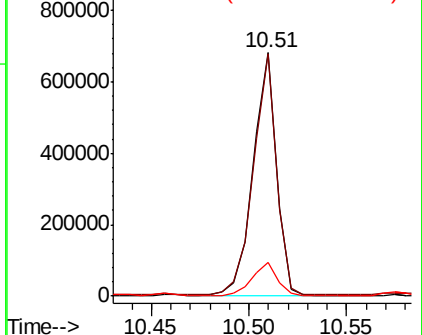
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.211 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	564288		
165	99.6	78.4	117.6	
167	13.6	11.0	16.4	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





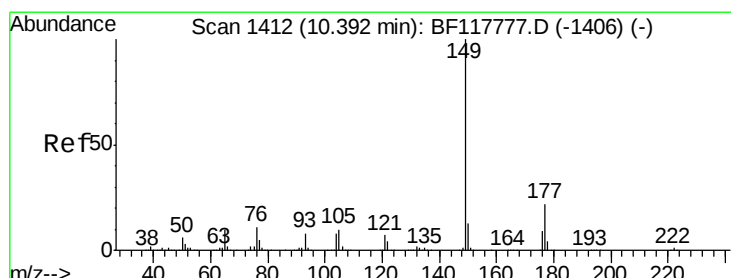
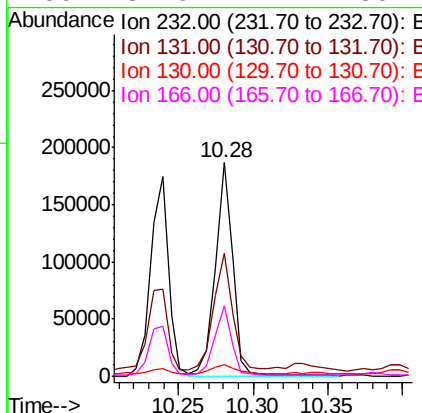
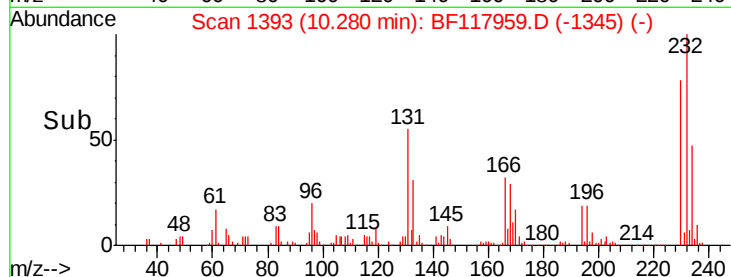
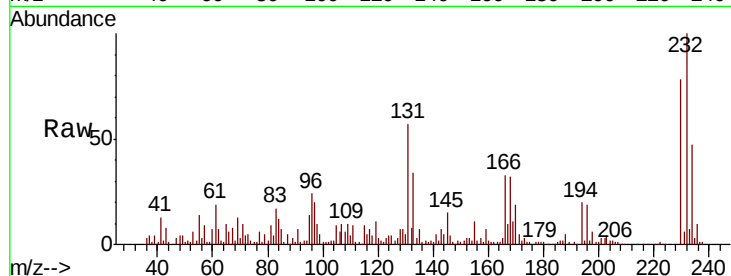
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.141 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	59.7	37.6	56.4#
130	6.1	1.9	2.9#
166	31.6	24.2	36.4

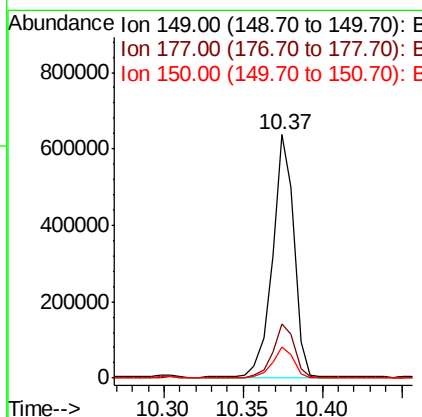
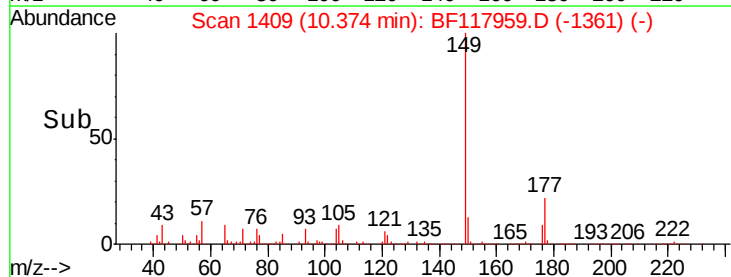
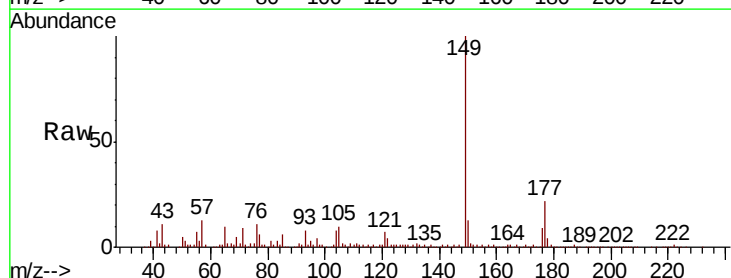
Manual Integrations
APPROVED

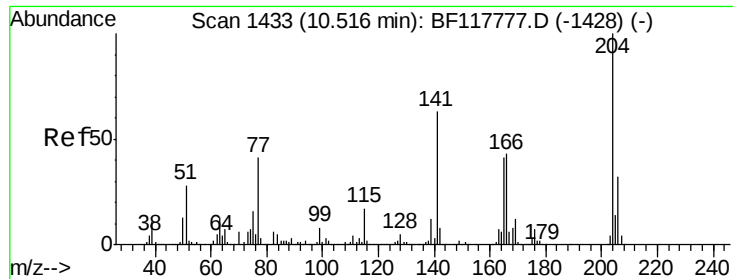
mohammad
11/25/2019 2:32:14 PM



#60
Diethylphthalate
Concen: 37.131 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.0	27.0
150	12.8	10.5	15.7





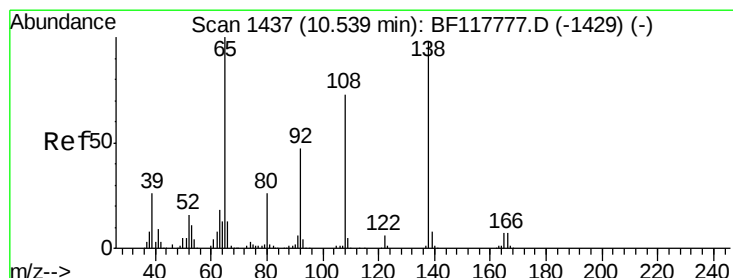
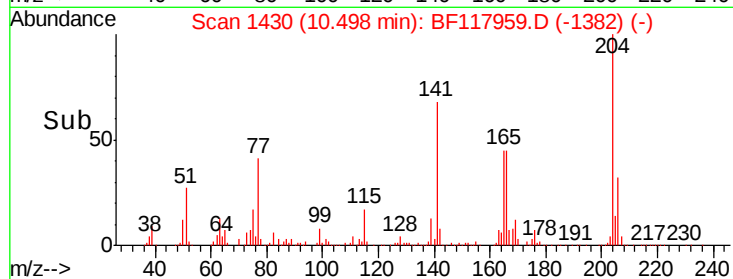
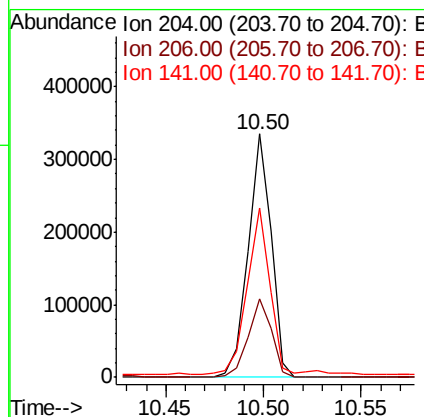
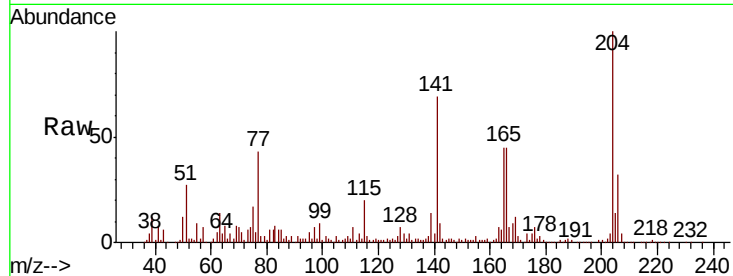
#61
4-Chlorophenyl-phenylether
Concen: 37.410 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.6	38.4
141	69.4	50.7	76.1

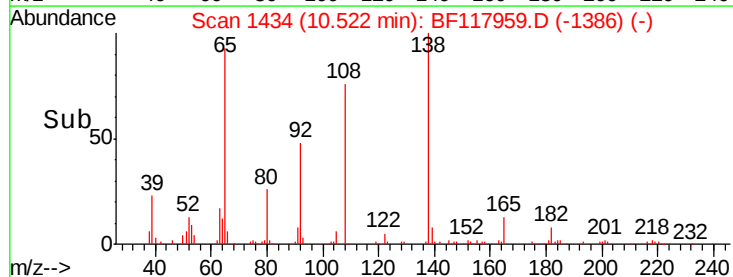
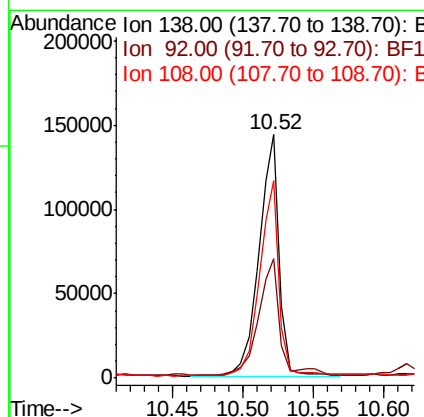
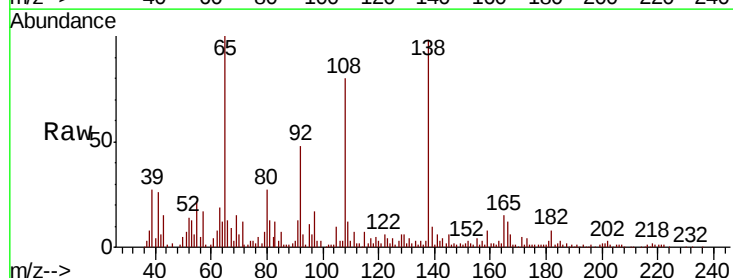
Manual Integrations
APPROVED

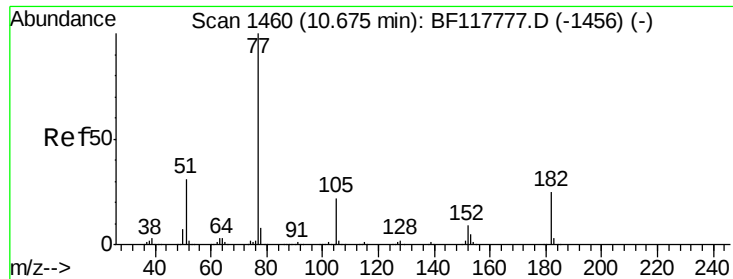
mohammad
11/25/2019 2:32:14 PM



#62
4-Nitroaniline
Concen: 33.437 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	28.3	68.3
108	81.2	54.3	94.3





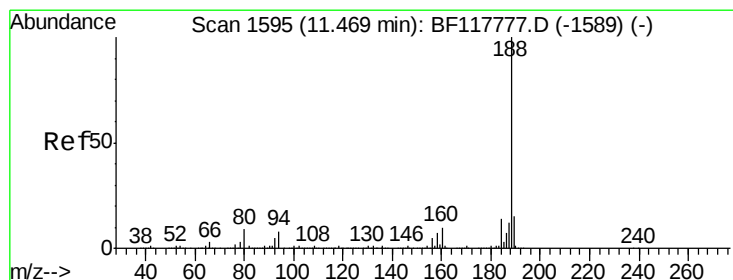
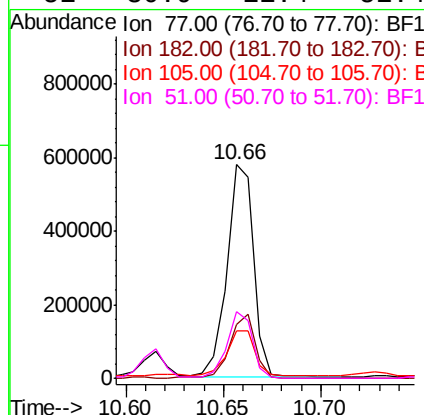
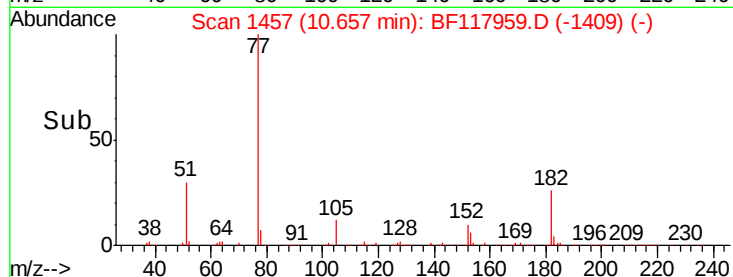
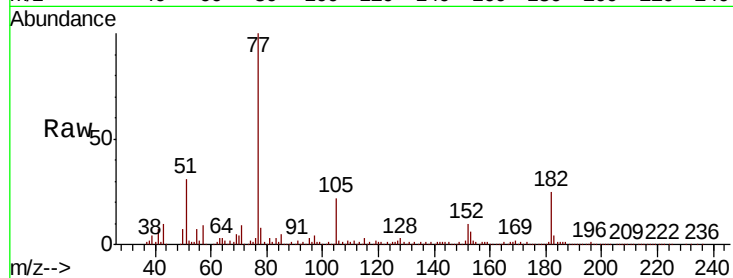
#63
Azobenzene
Concen: 37.037 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.1	4.8	44.8		
105	22.2	2.1	42.1		
51	30.9	11.4	51.4		

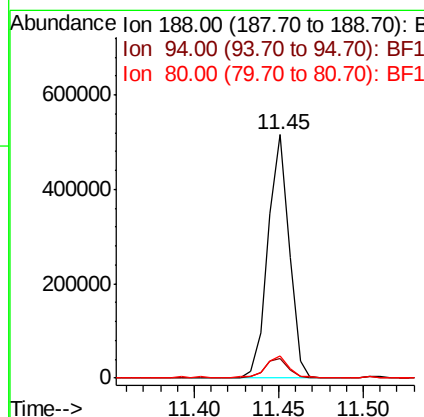
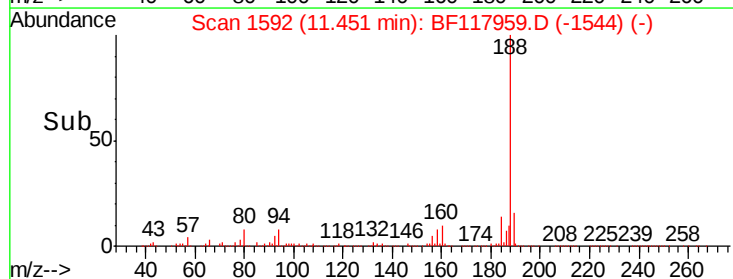
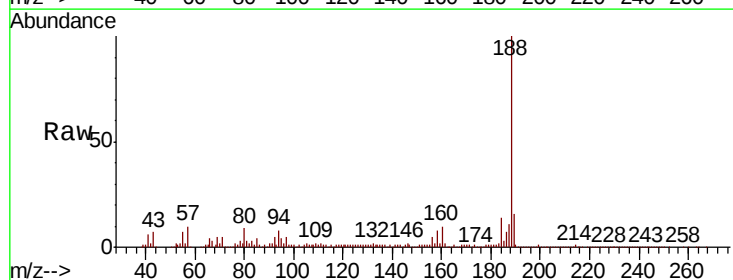
Manual Integrations
APPROVED

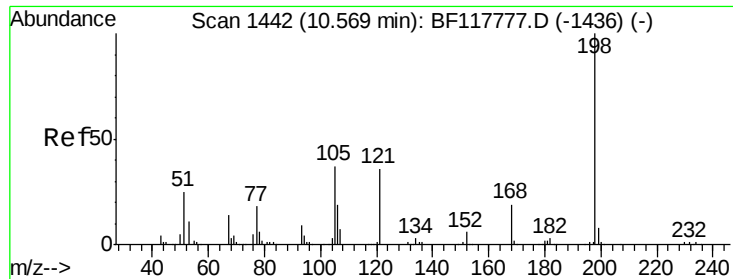
mohammad
11/25/2019 2:32:14 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	6.6	10.0		
80	8.9	7.2	10.8		





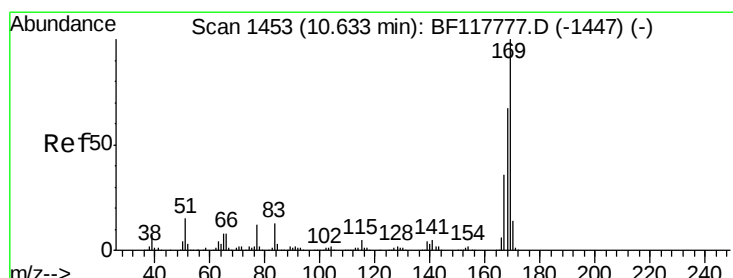
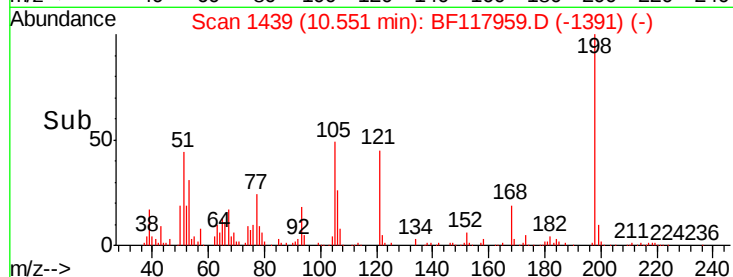
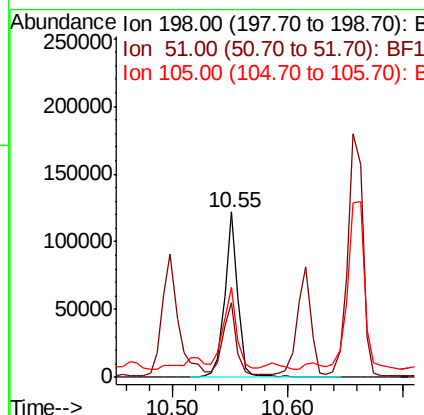
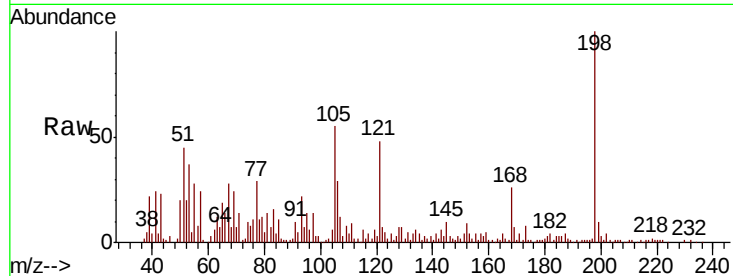
#65
4,6-Dinitro-2-methylphenol
Concen: 46.276 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.2	16.0	56.0	
105	54.9	19.1	59.1	

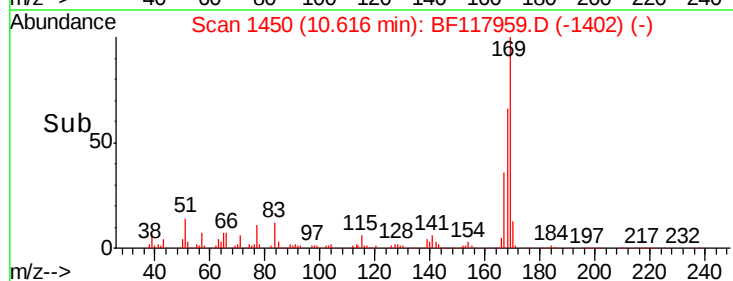
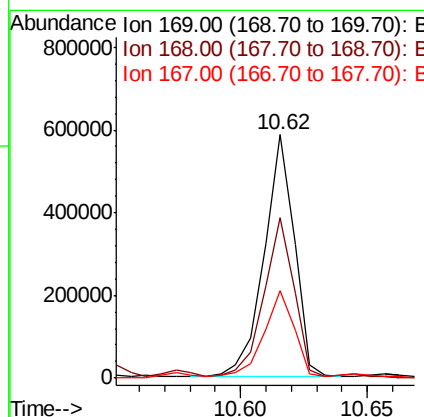
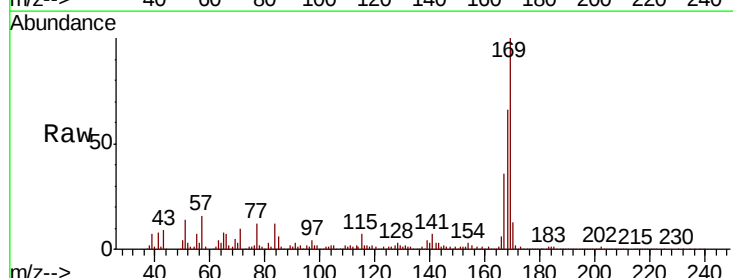
Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#66
n-Nitrosodiphenylamine
Concen: 37.976 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.0	53.5	80.3	
167	36.1	29.0	43.4	





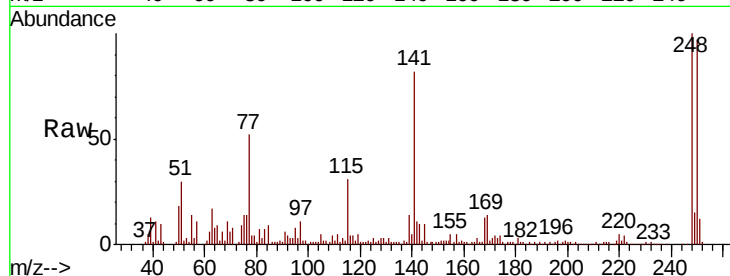
#67
4-Bromophenyl-phenylether
Concen: 35.698 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	115.0
141	81.7	55.9	83.9

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM

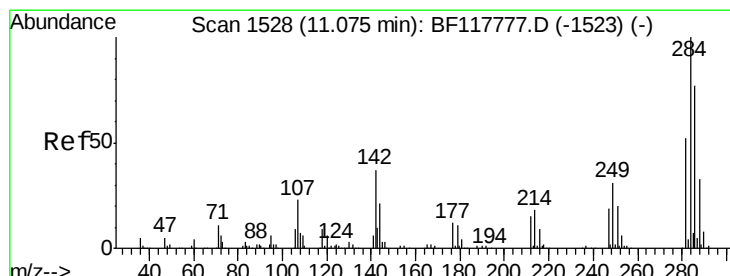
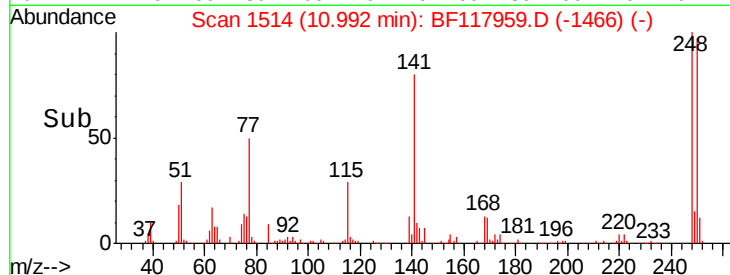
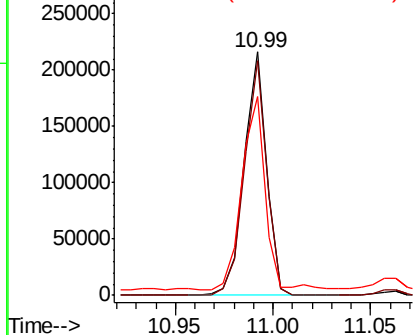


Abundance

Ion 248.00 (247.70 to 248.70): E

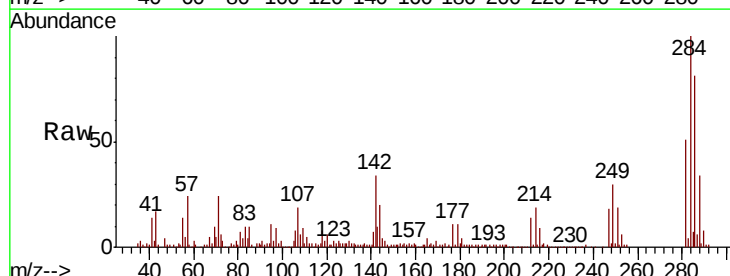
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.048 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	29.4	44.2
249	29.9	24.6	37.0

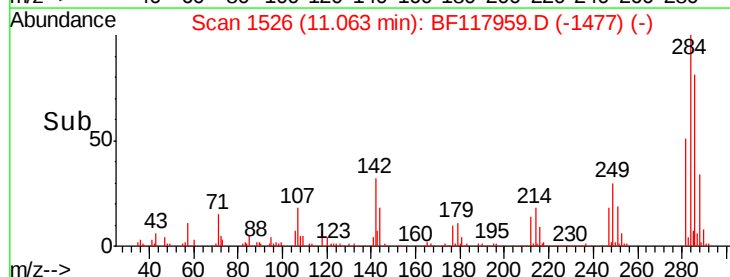
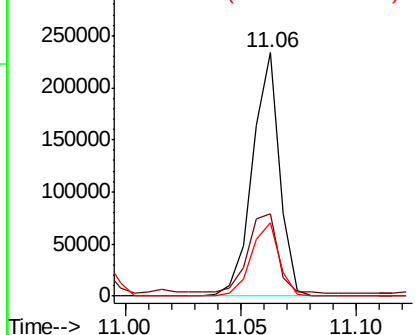


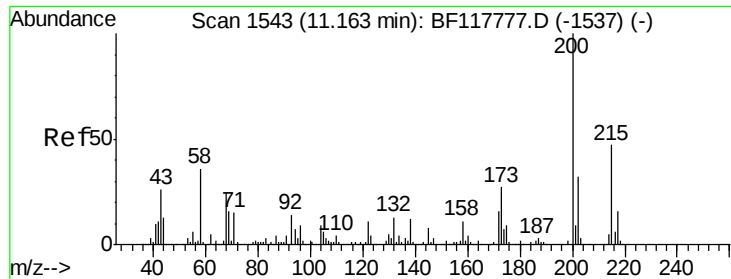
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





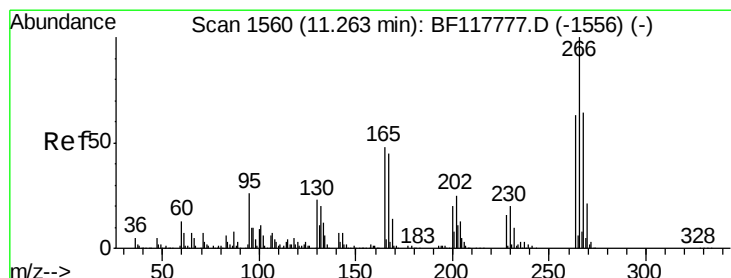
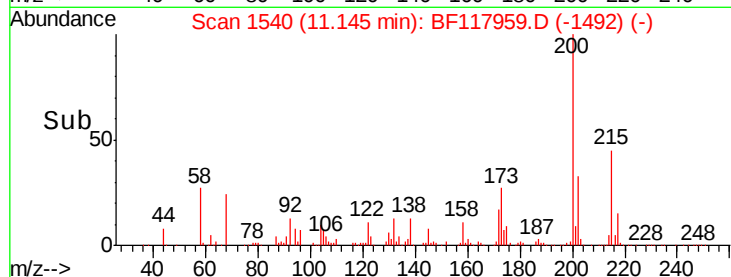
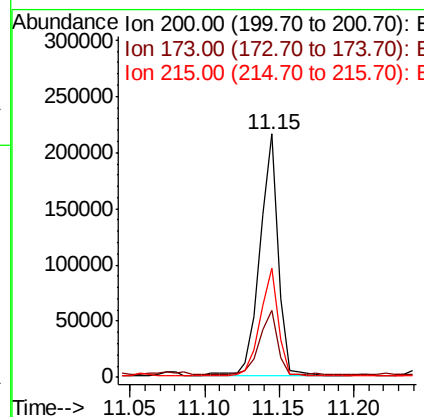
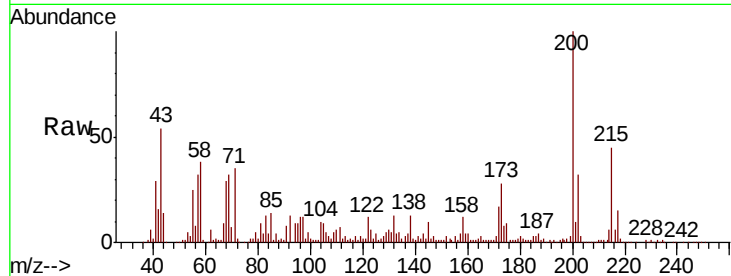
#69
Atrazine
Concen: 42.513 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.7	46.7
215	44.9	27.5	67.5

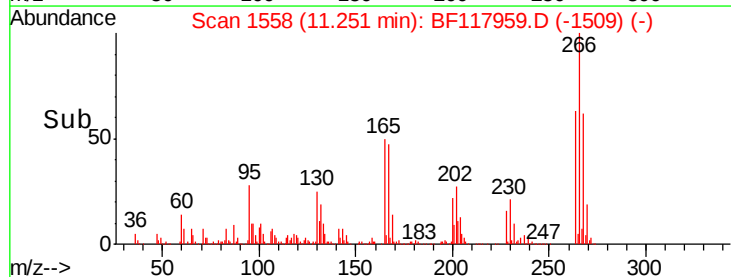
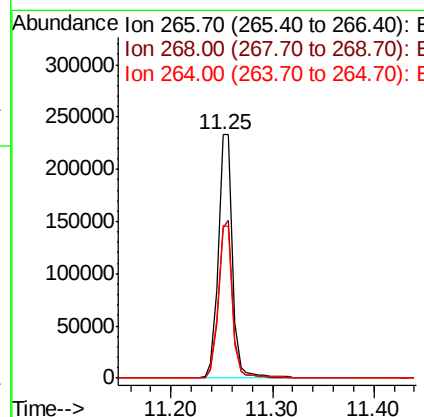
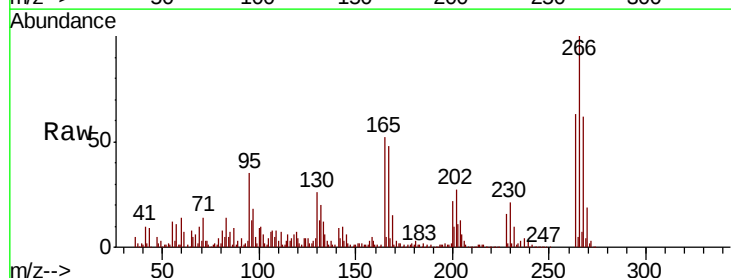
Manual Integrations
APPROVED

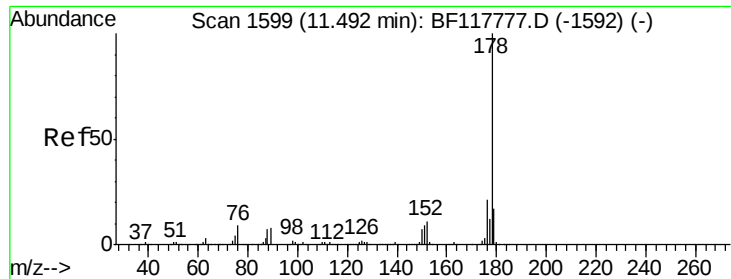
mohammad
11/25/2019 2:32:14 PM



#70
Pentachlorophenol
Concen: 70.273 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	50.8	76.2
264	62.8	50.7	76.1





#71

Phenanthrene

Concen: 38.218 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

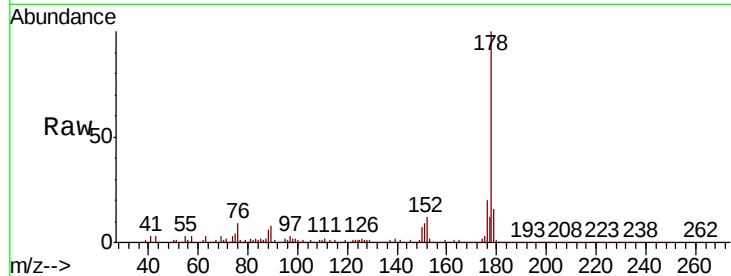
ClientSampleId :

25441-26560MSD

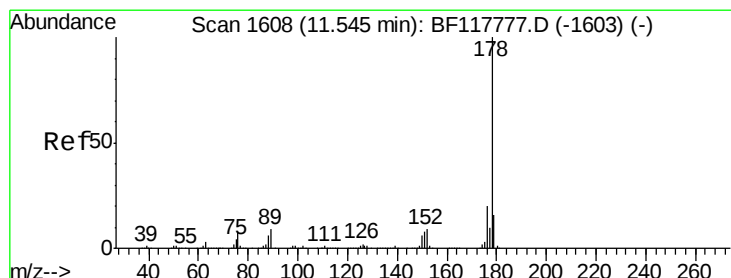
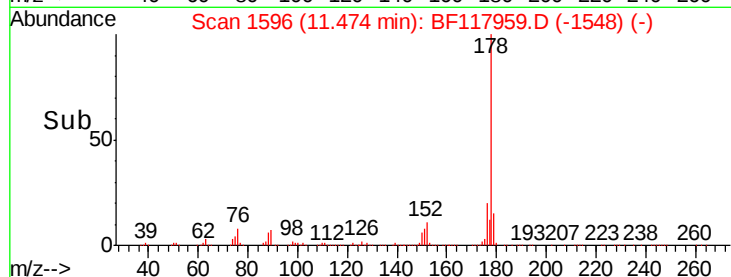
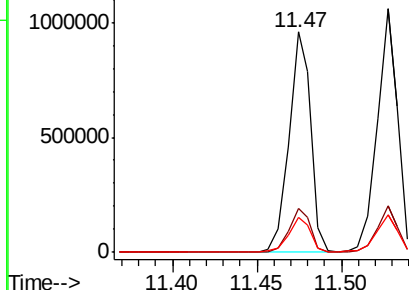
Tot Ion:178	Resp:	859256
Ion Ratio	Lower	Upper
178	100	
176	20.2	16.6 25.0
179	15.7	13.2 19.8

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.042 ng

RT: 11.53 min Scan# 1605

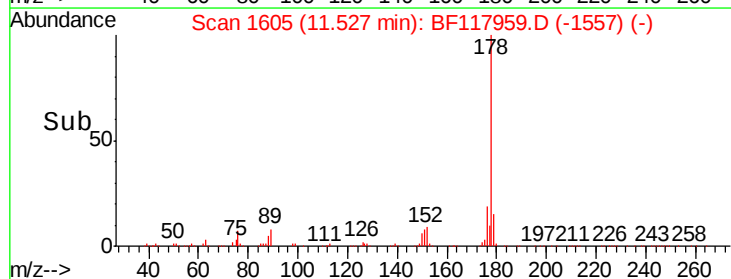
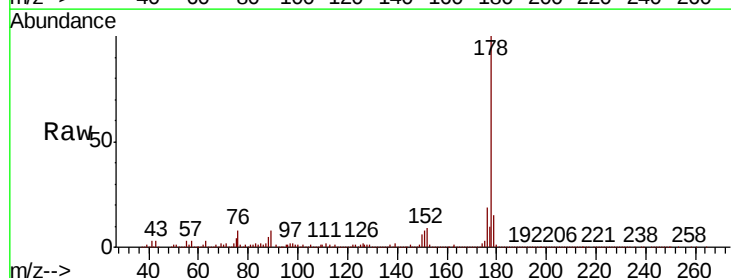
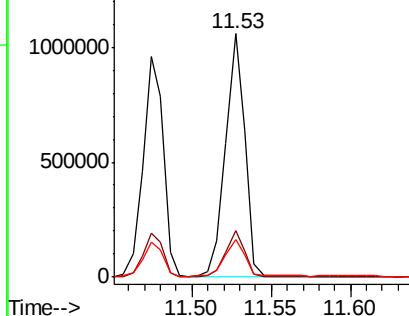
Delta R.T. -0.02 min

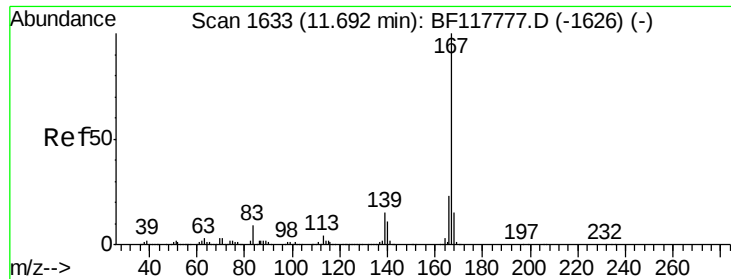
Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:178	Resp:	892588
Ion Ratio	Lower	Upper
178	100	
176	19.1	16.1 24.1
179	15.5	13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





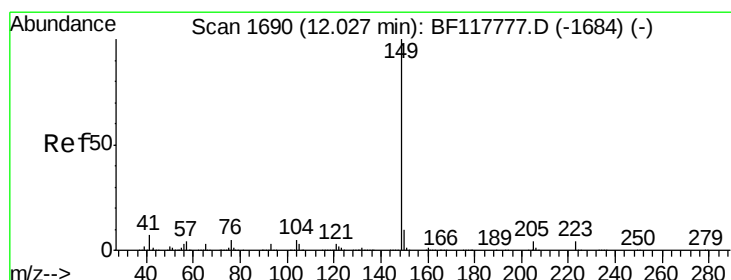
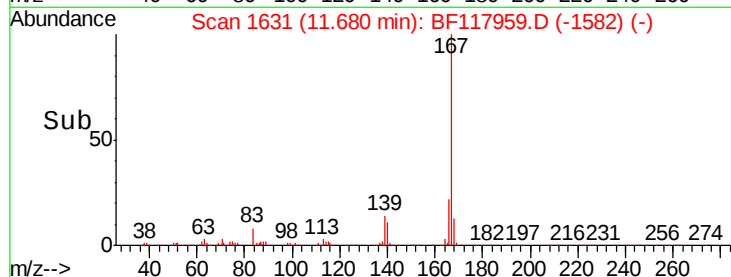
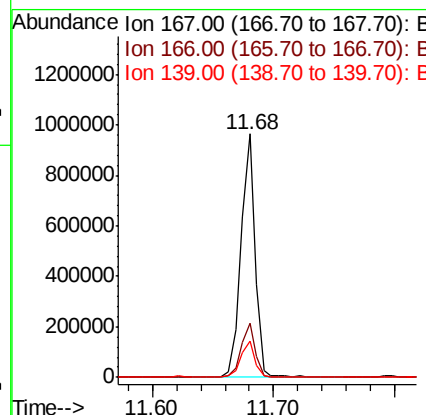
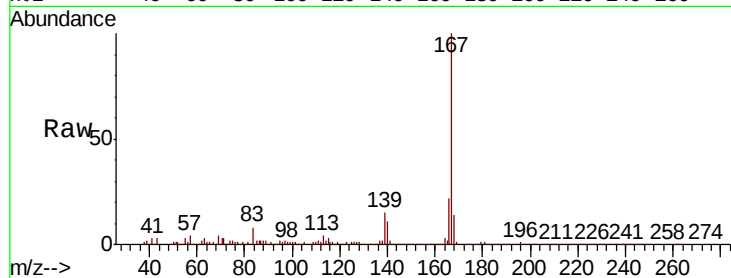
#73
 Carbazole
 Concen: 40.187 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MSD

Tot Ion:	167	Resp:	782817
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.0	27.0
139	14.7	11.7	17.5

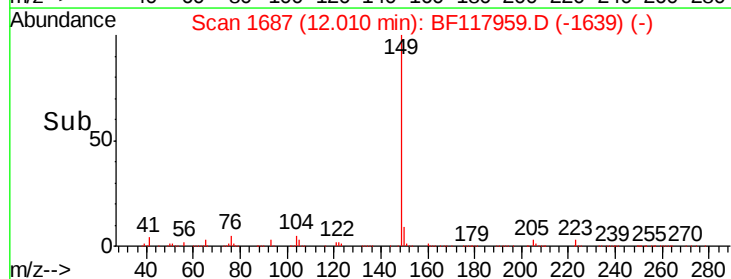
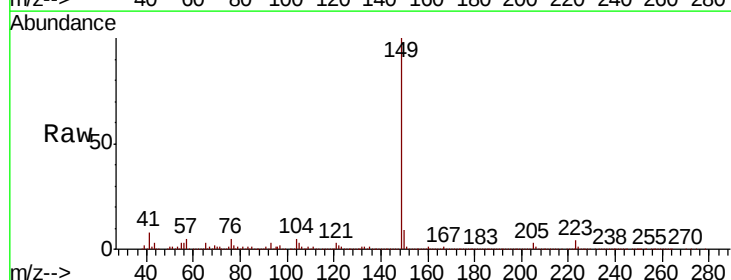
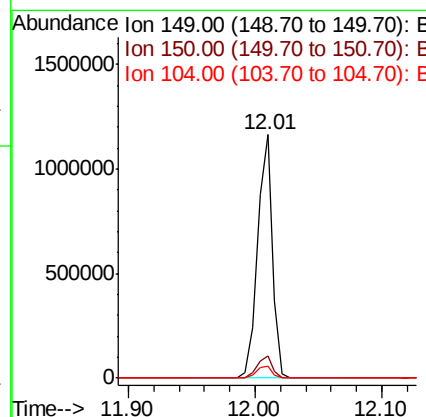
Manual Integrations
 APPROVED

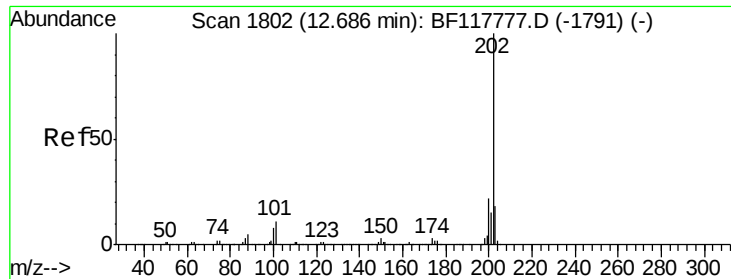
mohammad
 11/25/2019 2:32:14 PM



#74
 Di-n-butylphthalate
 Concen: 39.226 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion:	149	Resp:	951356
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.9	11.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 43.190 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

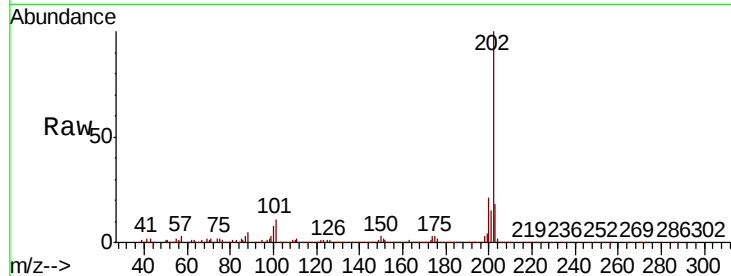
ClientSampleId :

25441-26560MSD

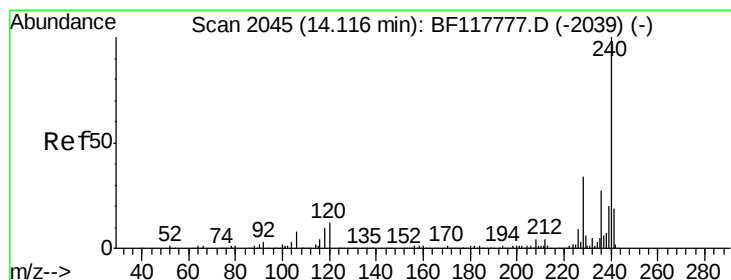
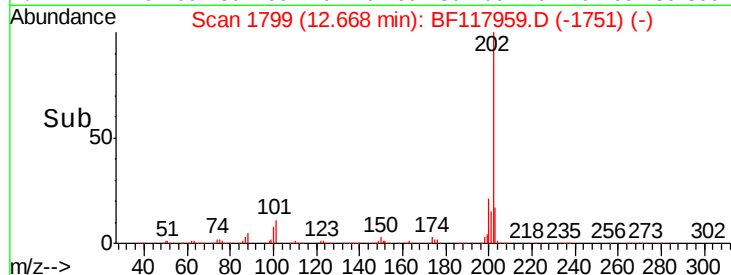
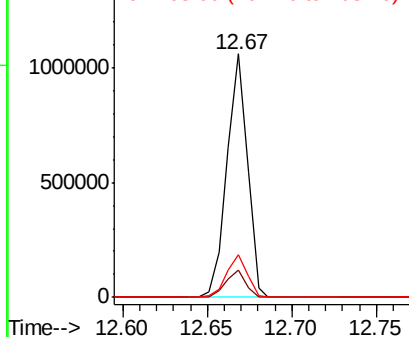
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		890454		
101	11.1	0.0	31.1		
203	17.5	0.0	38.2		

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

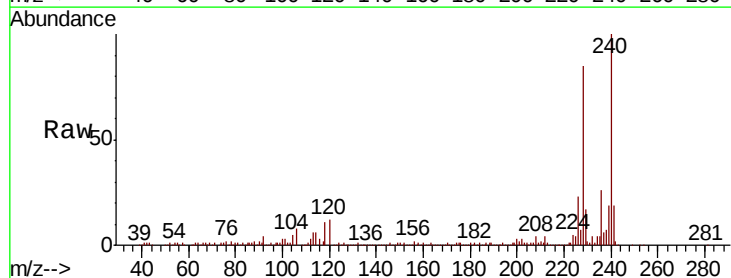
RT: 14.10 min Scan# 2042

Delta R.T. -0.02 min

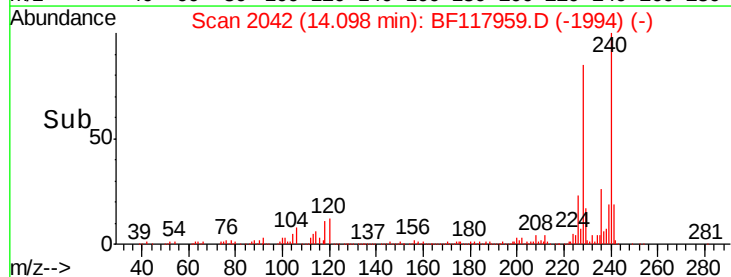
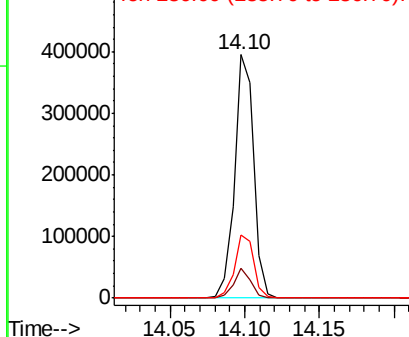
Lab File: BF117959.D

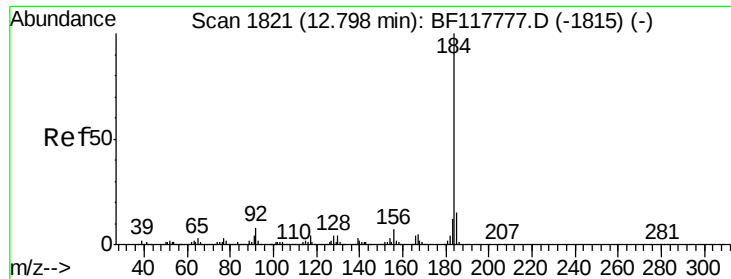
Acq: 23 Nov 2019 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		355370		
120	12.0	9.5	14.3		
236	26.2	21.3	31.9		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.892 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Instrument :

BNA_F

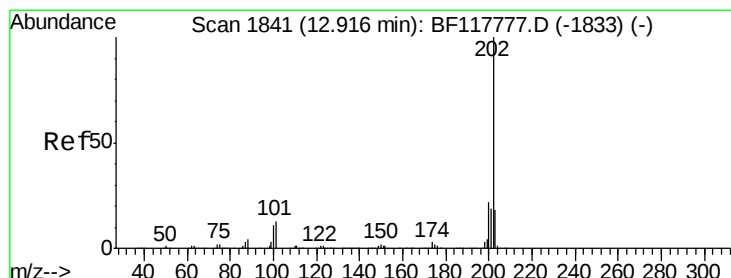
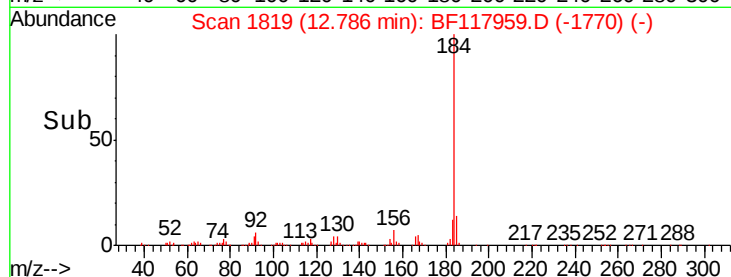
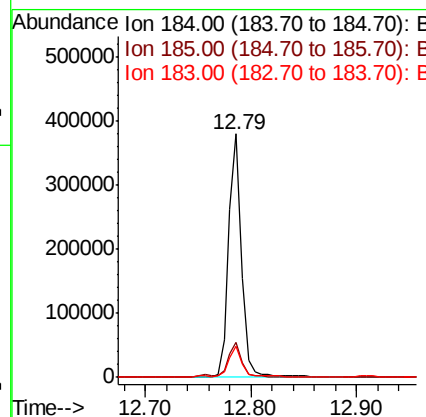
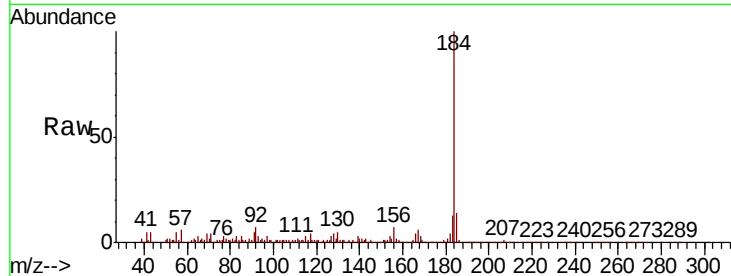
ClientSampleId :

25441-26560MSD

Tot Ion:	184	Resp:	324671
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.4
183	12.8	9.5	14.3

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#78

Pyrene

Concen: 32.216 ng

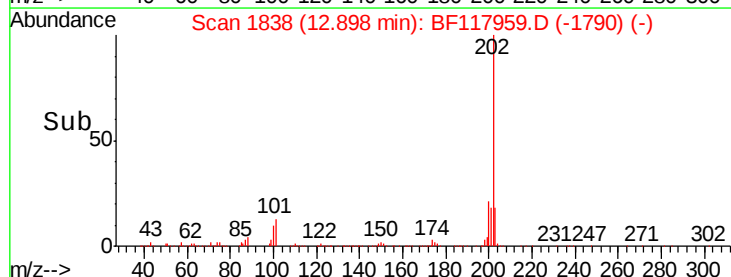
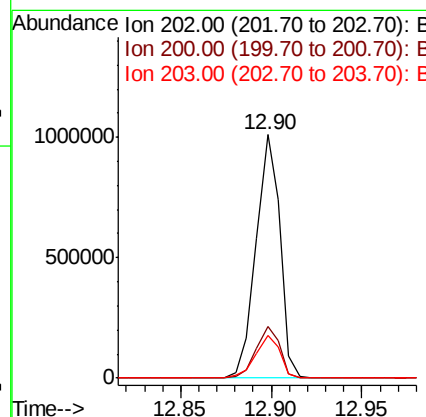
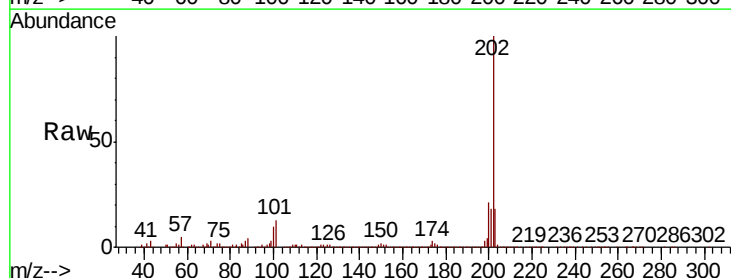
RT: 12.90 min Scan# 1838

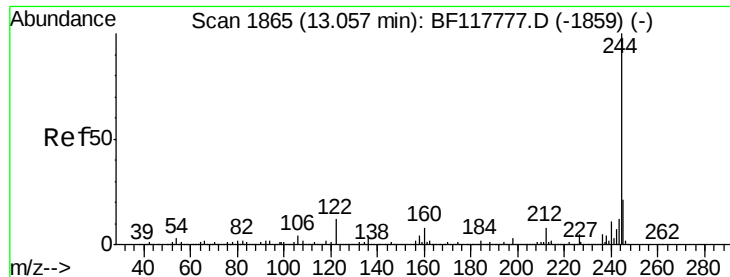
Delta R.T. -0.02 min

Lab File: BF117959.D

Acq: 23 Nov 2019 16:27

Tgt Ion:	202	Resp:	925211
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.8
203	17.7	14.6	22.0





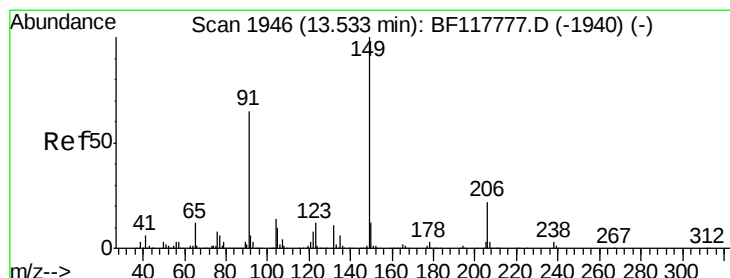
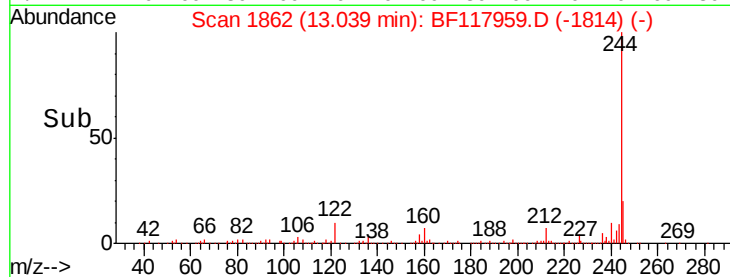
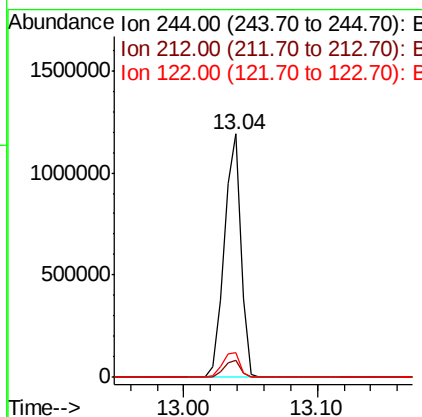
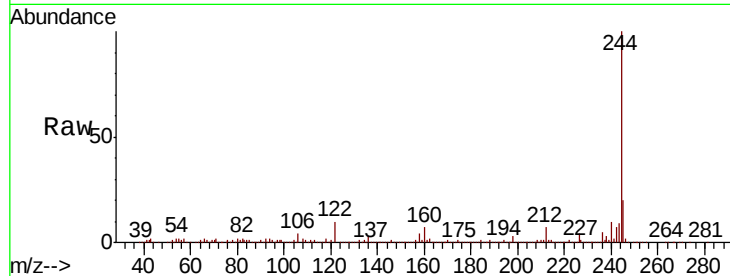
#79
 Terphenyl-d14
 Concen: 54.123 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	10.1	9.4	14.2

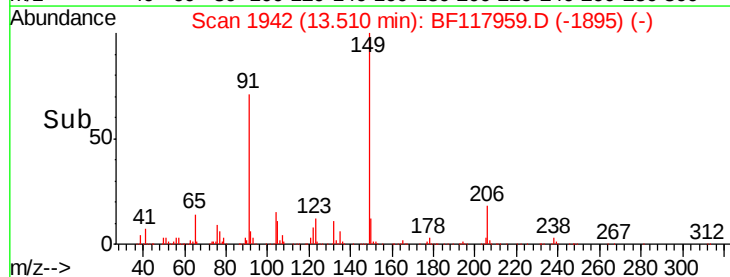
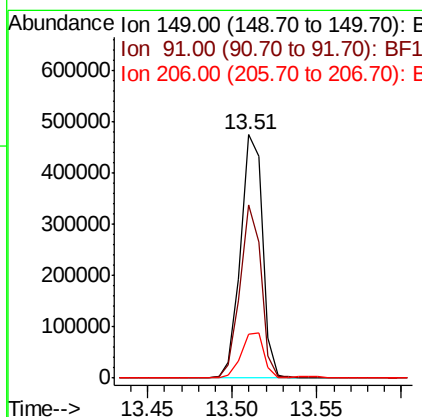
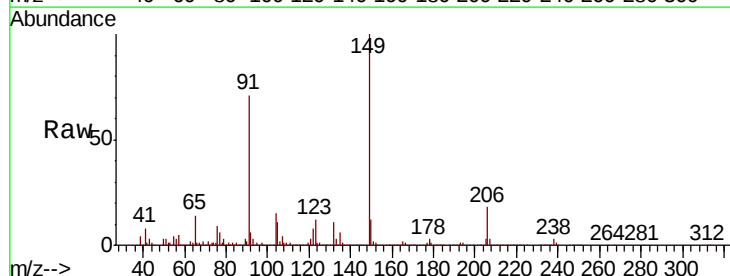
Manual Integrations
 APPROVED

mohammad
 11/25/2019 2:32:14 PM



#80
 Butylbenzylphthalate
 Concen: 34.847 ng
 RT: 13.51 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF117959.D
 Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	51.9	77.9
206	18.1	17.2	25.8





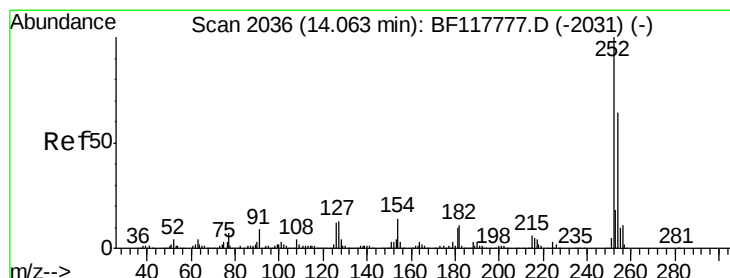
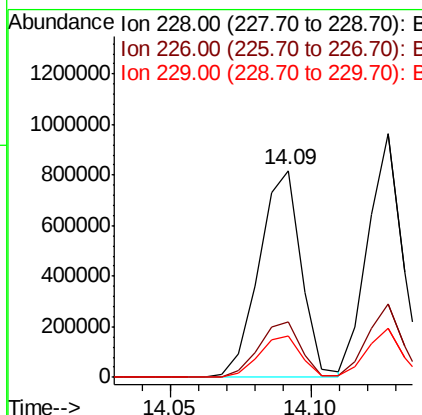
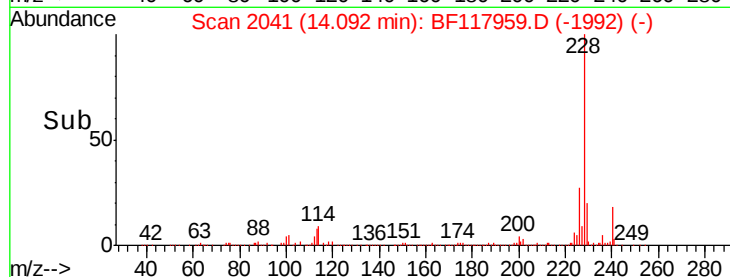
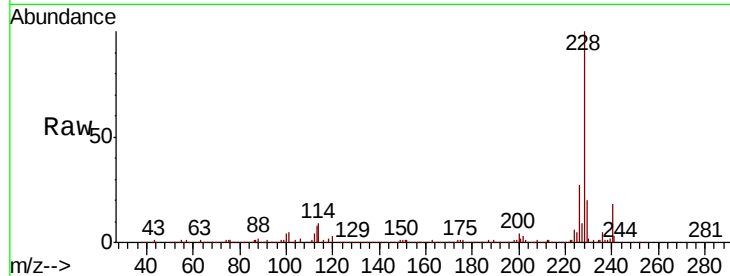
#81
Benzo(a)anthracene
Concen: 36.238 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	19.7	15.9	23.9

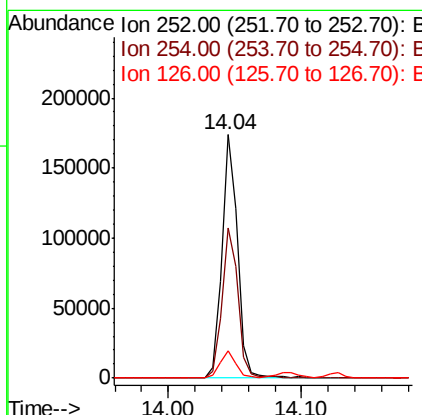
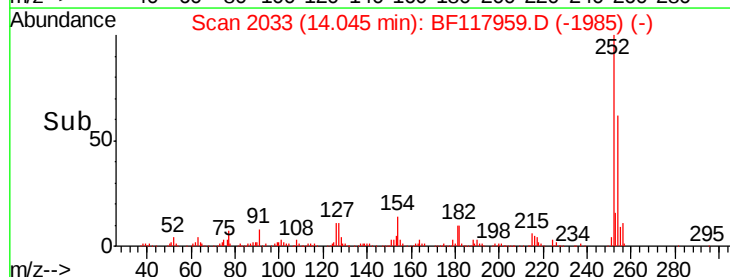
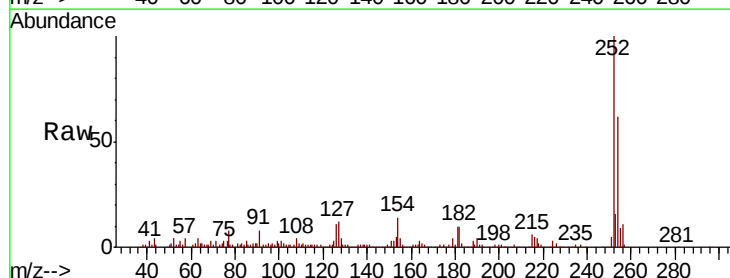
Manual Integrations
APPROVED

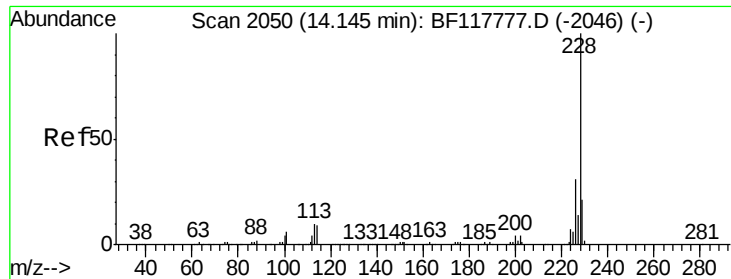
mohammad
11/25/2019 2:32:14 PM



#82
3,3'-Dichlorobenzidine
Concen: 17.510 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	51.0	76.6
126	11.0	9.7	14.5





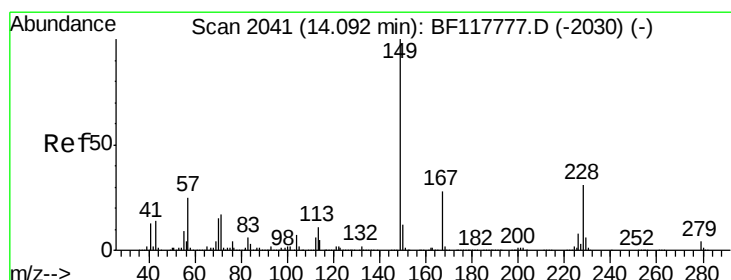
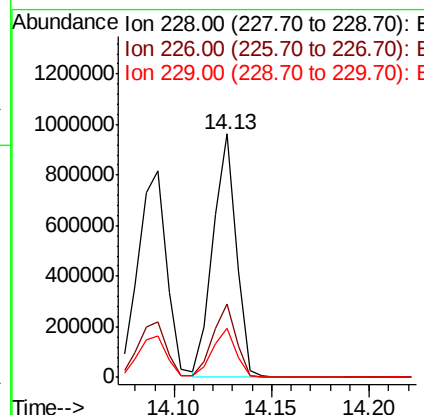
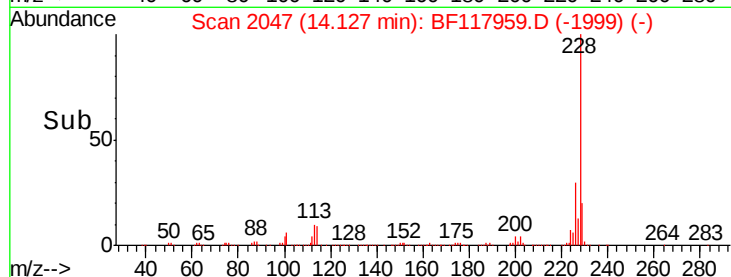
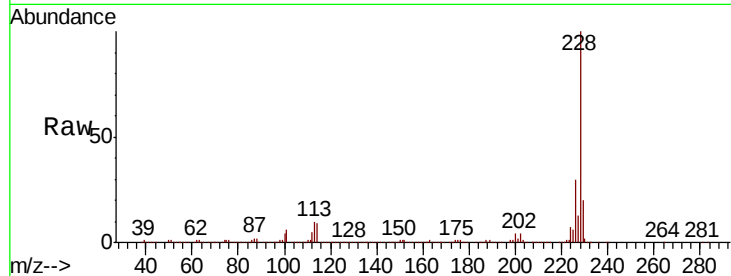
#83
Chrysene
Concen: 35.065 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	797925		
226	30.4	25.0	37.4	
229	20.1	16.6	25.0	

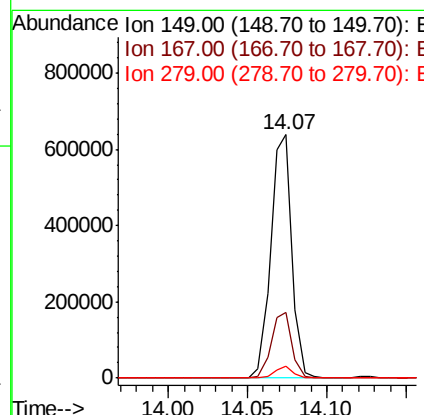
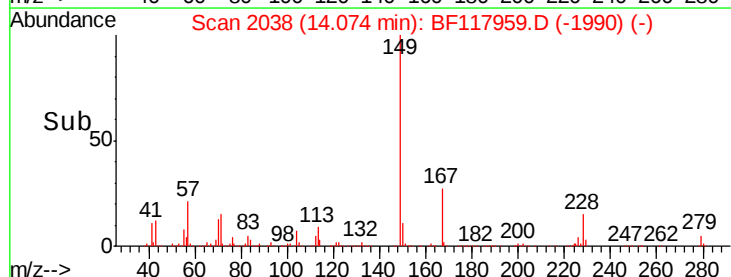
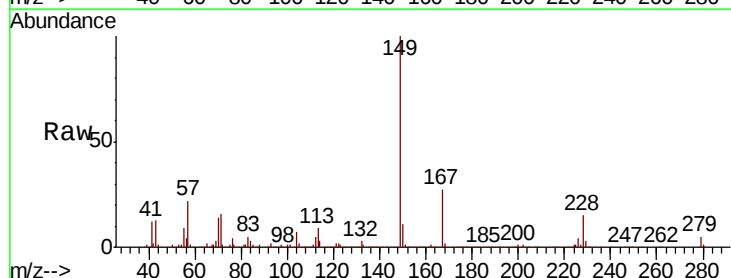
Manual Integrations
APPROVED

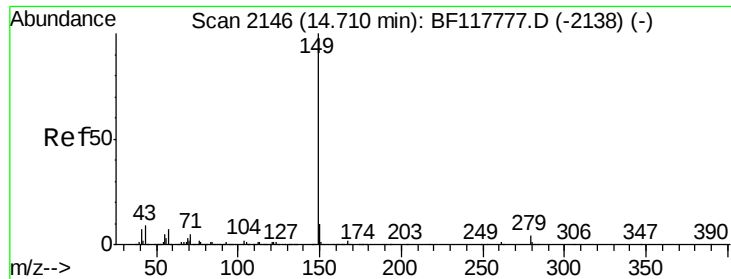
mohammad
11/25/2019 2:32:14 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.754 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	594501		
167	27.0	22.2	33.2	
279	4.7	3.4	5.2	





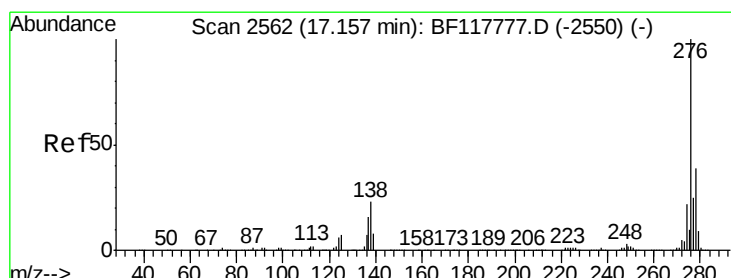
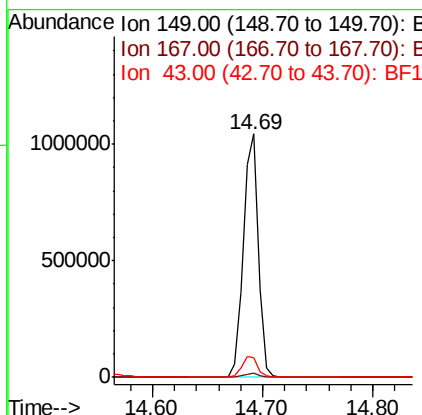
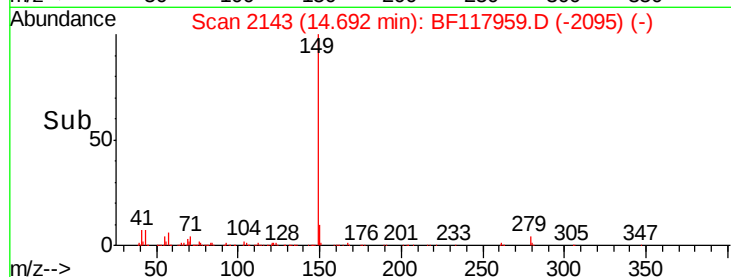
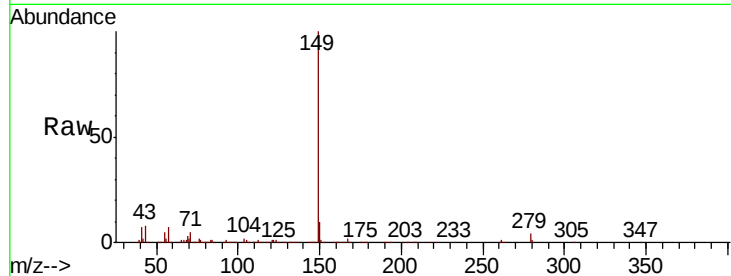
#85
Di-n-octyl phthalate
Concen: 45.088 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	990557		
167	1.6		1.2	1.8
43	8.5		7.4	11.2

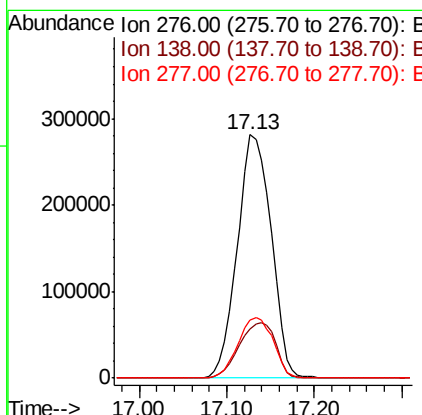
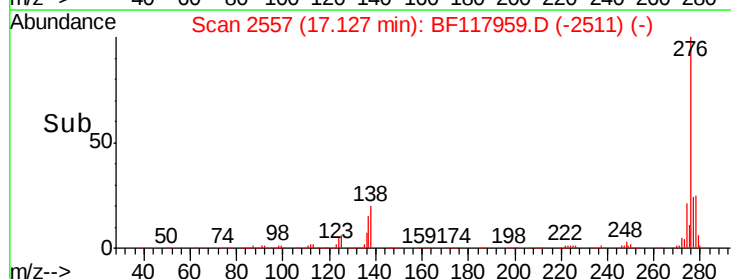
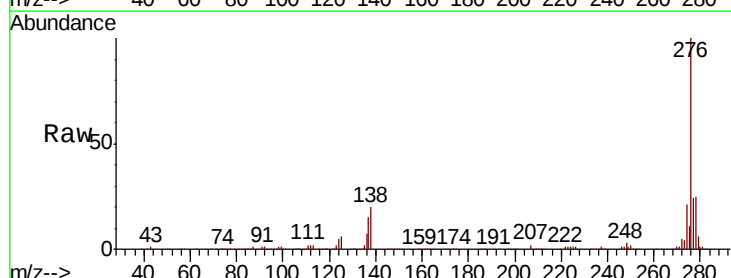
Manual Integrations
APPROVED

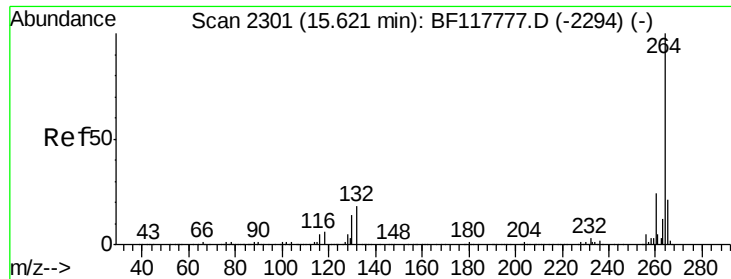
mohammad
11/25/2019 2:32:14 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.200 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	739824		
138	24.6		20.9	31.3
277	25.9		20.3	30.5





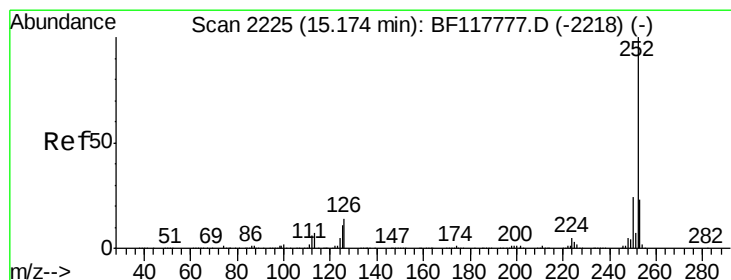
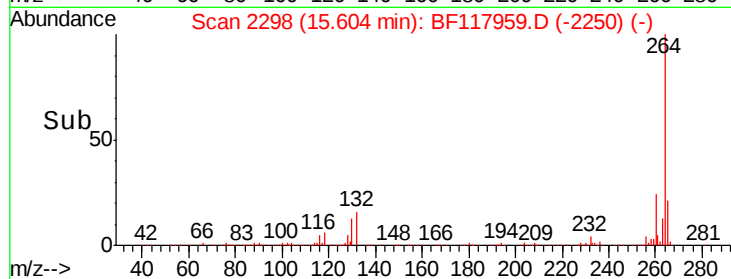
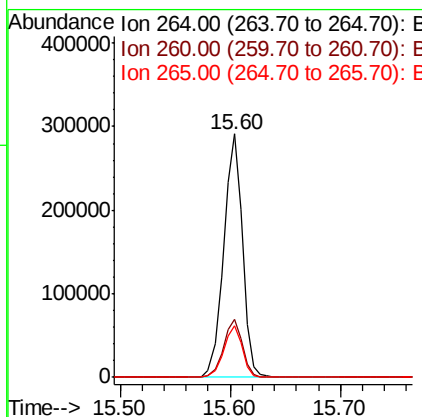
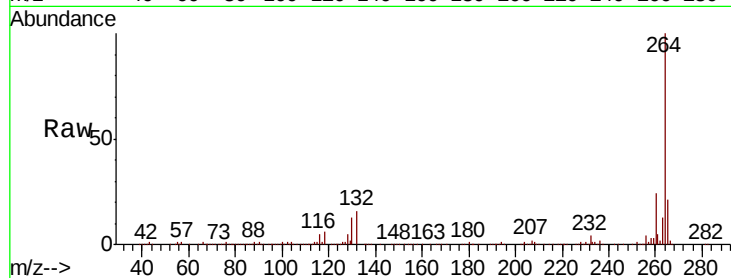
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.1	17.1	25.7

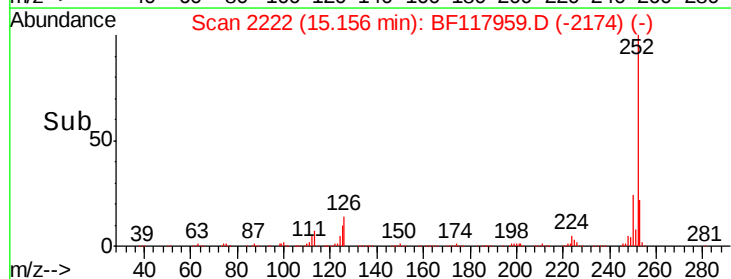
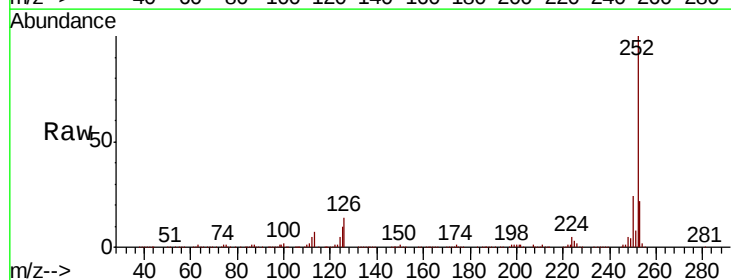
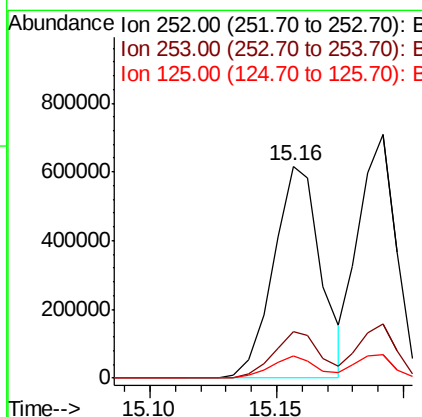
Manual Integrations
APPROVED

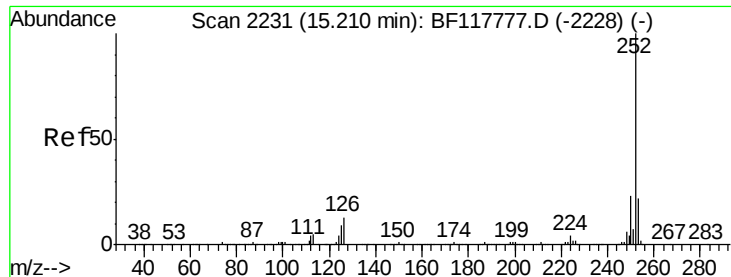
mohammad
11/25/2019 2:32:14 PM



#88
Benzo(b)fluoranthene
Concen: 35.707 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.3	8.6	13.0





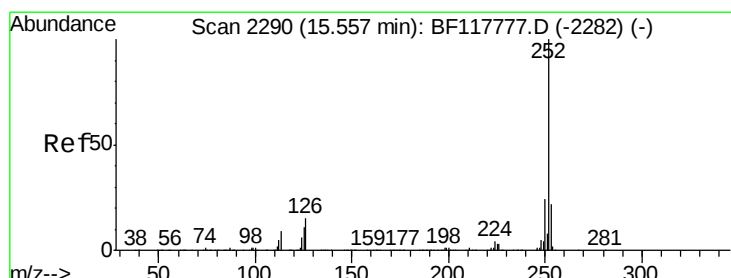
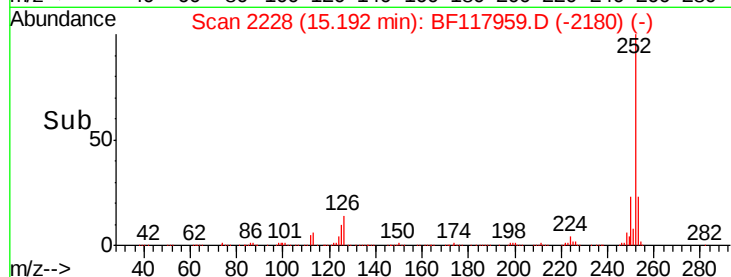
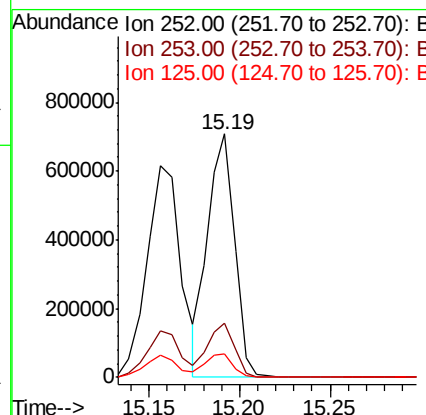
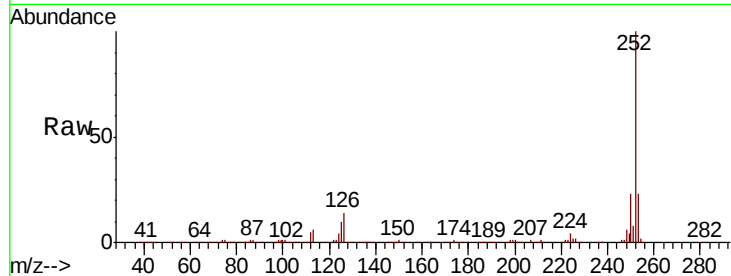
#89
Benzo(k)fluoranthene
Concen: 34.503 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.7	7.9	11.9

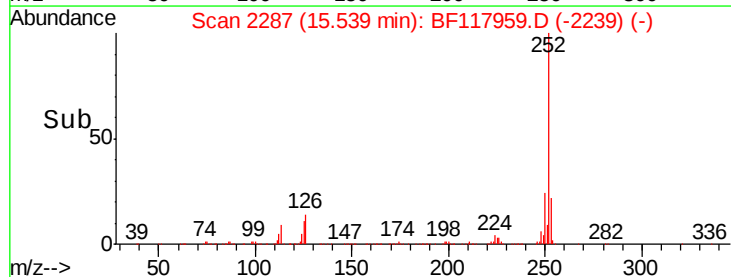
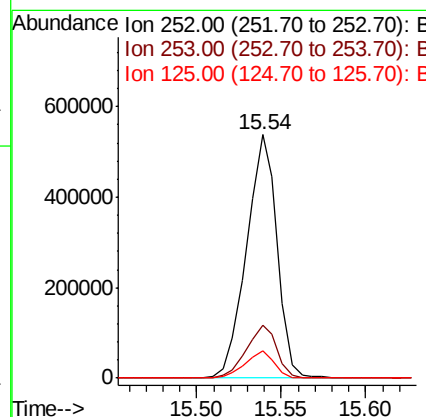
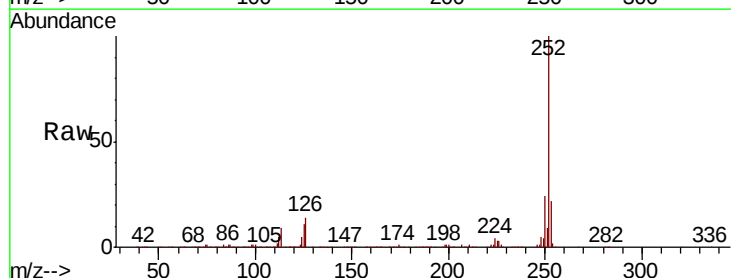
Manual Integrations
APPROVED

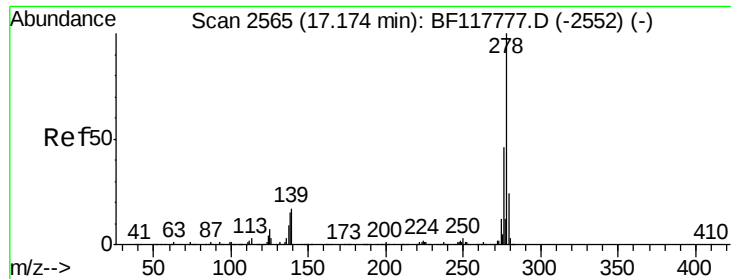
mohammad
11/25/2019 2:32:14 PM



#90
Benzo(a)pyrene
Concen: 34.285 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.0	9.2	13.8





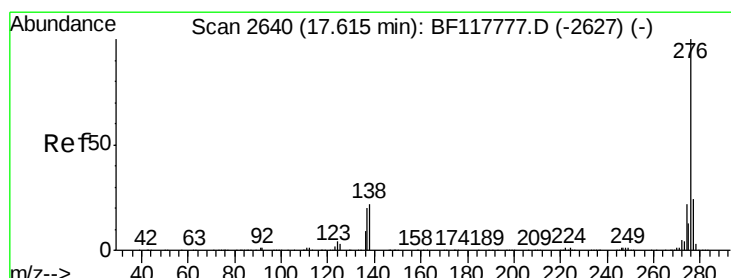
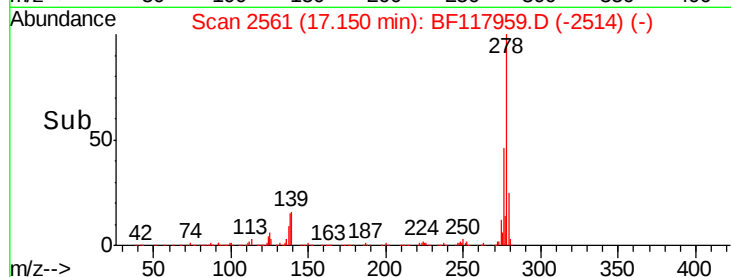
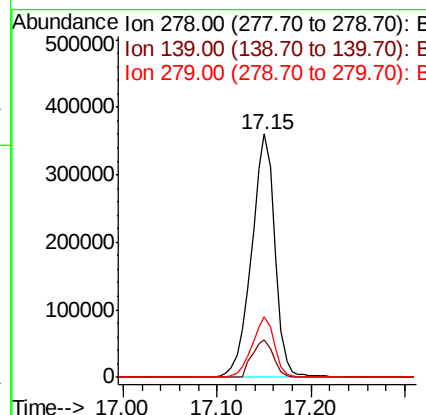
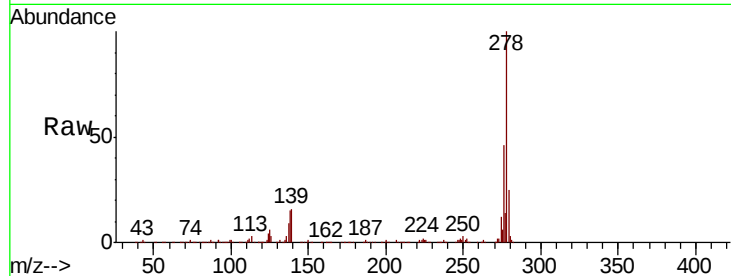
#91
Dibenzo(a,h)anthracene
Concen: 36.402 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Instrument :
BNA_F
ClientSampleId :
25441-26560MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.8	20.8
279	24.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:14 PM



#92
Benzo(g,h,i)perylene
Concen: 36.141 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.02 min
Lab File: BF117959.D
Acq: 23 Nov 2019 16:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.8	17.4	26.2

