

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118511.D
 Acq On : 8 Jan 2020 21:13
 Operator : JU
 Sample : L1049-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:11:02 PM

Quant Time: Jan 09 03:53:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65837	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	283727	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	126750	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	261556	20.00	ng	0.00
76) Chrysene-d12	14.03	240	214561	20.00	ng	0.00
87) Perylene-d12	15.52	264	205259	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	364396	91.37	ng	0.00
7) Phenol-d6	6.47	99	485525	101.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	319573	59.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	157669	105.42	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	526819	59.61	ng	-0.01
79) Terphenyl-d14	12.96	244	583181	43.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	53692	40.381	ng	98
3) Pyridine	3.32	79	136330	38.090	ng	96
4) n-Nitrosodimethylamine	3.27	42	79460	44.303	ng	94
6) Aniline	6.49	93	159021	26.822	ng	# 88
8) 2-Chlorophenol	6.62	128	204086	46.802	ng	97
9) Benzaldehyde	6.38	77	103625	39.037	ng	99
10) Phenol	6.48	94	245750	46.511	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	170054	45.144	ng	99
12) 1,3-Dichlorobenzene	6.77	146	222756	43.699	ng	99
13) 1,4-Dichlorobenzene	6.85	146	228395	43.912	ng	98
14) 1,2-Dichlorobenzene	7.00	146	222979	44.363	ng	99
15) Benzyl Alcohol	6.97	79	182797	47.260	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	182265	43.618	ng	91
17) 2-Methylphenol	7.09	107	175331	48.925	ng	98
18) Hexachloroethane	7.34	117	86942	44.116	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	140702	45.814	ng	97
20) 3+4-Methylphenols	7.25	107	230573	47.431	ng	# 89
22) Acetophenone	7.24	105	300876	41.835	ng	# 97
24) Nitrobenzene	7.42	77	215096	40.051	ng	97
25) Isophorone	7.66	82	357648	41.334	ng	98
26) 2-Nitrophenol	7.73	139	111449	42.030	ng	98
27) 2,4-Dimethylphenol	7.77	122	179093	50.223	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	226247	39.772	ng	99
29) 2,4-Dichlorophenol	7.98	162	186347	44.756	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	208432	43.101	ng	99
31) Naphthalene	8.14	128	718152	48.389	ng	99
32) Benzoic acid	7.92	122	102937	42.738	ng	98
33) 4-Chloroaniline	8.19	127	85431	13.982	ng	97
34) Hexachlorobutadiene	8.25	225	122430	41.244	ng	98
35) Caprolactam	8.57	113	58854m	46.925	ng	
36) 4-Chloro-3-methylphenol	8.69	107	171784	38.377	ng	99
37) 2-Methylnaphthalene	8.83	142	397856	39.060	ng	98
38) 1-Methylnaphthalene	8.93	142	389686	40.748	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	174002	44.680	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118511.D
 Acq On : 8 Jan 2020 21:13
 Operator : JU
 Sample : L1049-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:11:02 PM

Quant Time: Jan 09 03:53:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	54820	56.425	nq	93
43) 2,4,6-Trichlorophenol	9.12	196	114031	47.384	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	119472	47.974	nq	95
46) 1,1'-Biphenyl	9.30	154	441303	42.612	nq	100
47) 2-Chloronaphthalene	9.32	162	340285	41.514	nq	99
48) 2-Nitroaniline	9.43	65	100051	42.239	nq	98
49) Acenaphthylene	9.74	152	558439	45.768	nq	99
50) Dimethylphthalate	9.60	163	447357	45.986	nq	100
51) 2,6-Dinitrotoluene	9.67	165	90367	43.135	nq	97
52) Acenaphthene	9.92	154	364078	48.863	nq	100
53) 3-Nitroaniline	9.84	138	51000	20.782	nq	96
54) 2,4-Dinitrophenol	9.96	184	35848	41.711	nq	95
55) Dibenzofuran	10.09	168	542897	48.511	nq	99
56) 4-Nitrophenol	10.02	139	131821	110.632	nq	98
57) 2,4-Dinitrotoluene	10.08	165	131187	46.767	nq	99
58) Fluorene	10.43	166	444226	49.384	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	101540	48.214	nq	96
60) Diethylphthalate	10.30	149	456133	46.060	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	206195	45.877	nq	99
62) 4-Nitroaniline	10.46	138	80960	33.693	nq	97
63) Azobenzene	10.58	77	398220	47.319	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	35007	25.318	nq	96
66) n-Nitrosodiphenylamine	10.54	169	375422	44.076	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	141978	46.344	nq	99
68) Hexachlorobenzene	10.99	284	148781	40.668	nq	99
69) Atrazine	11.07	200	125739	49.680	nq	99
70) Pentachlorophenol	11.19	266	130272	107.252	nq	98
71) Phenanthrene	11.40	178	922583	62.967	nq	99
72) Anthracene	11.45	178	757348	51.957	nq	99
73) Carbazole	11.61	167	633162	50.144	nq	99
74) Di-n-butylphthalate	11.93	149	685056	40.667	nq	99
75) Fluoranthene	12.60	202	801289	53.805	nq	98
77) Benzidine	12.72	184	315768	62.515	nq	98
78) Pyrene	12.83	202	821298	46.524	nq	100
80) Butylbenzylphthalate	13.43	149	318892	39.444	nq	99
81) Benzo(a)anthracene	14.02	228	788668	52.514	nq	98
82) 3,3'-Dichlorobenzidine	13.98	252	197326	40.405	nq	97
83) Chrysene	14.06	228	731964	50.156	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	472344	43.030	nq	100
85) Di-n-octyl phthalate	14.61	149	792432	50.329	nq	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	606903	51.655	nq	99
88) Benzo(b)fluoranthene	15.09	252	803250	54.128	nq	100
89) Benzo(k)fluoranthene	15.12	252	523684	36.970	nq	99
90) Benzo(a)pyrene	15.46	252	573108	47.126	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	483051	42.361	nq	98
92) Benzo(g,h,i)perylene	17.48	276	534295	49.450	nq	98

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

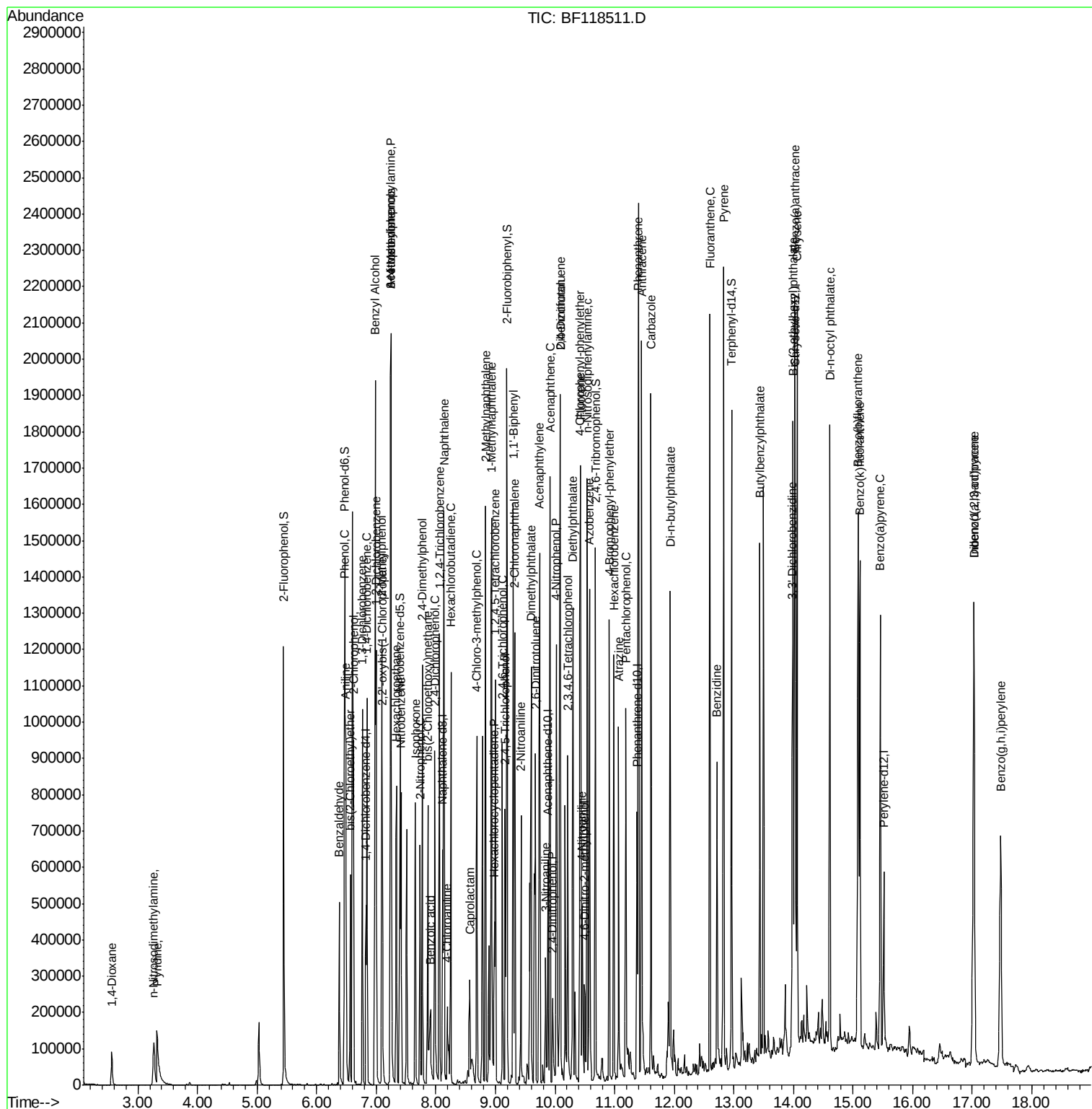
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118511.D
 Acq On : 8 Jan 2020 21:13
 Operator : JU
 Sample : L1049-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

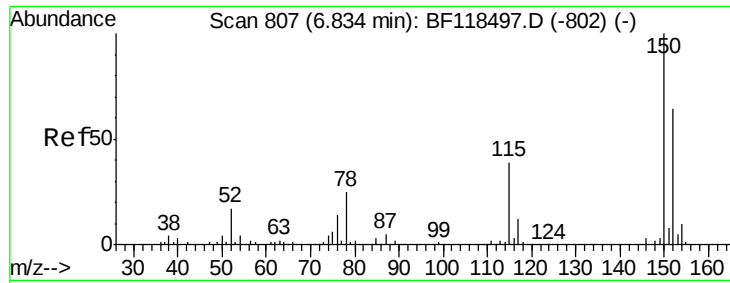
Instrument :
 BNA_F
 ClientSampled :
 TP-4MSD

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:11:02 PM

Quant Time: Jan 09 03:53:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration





#1

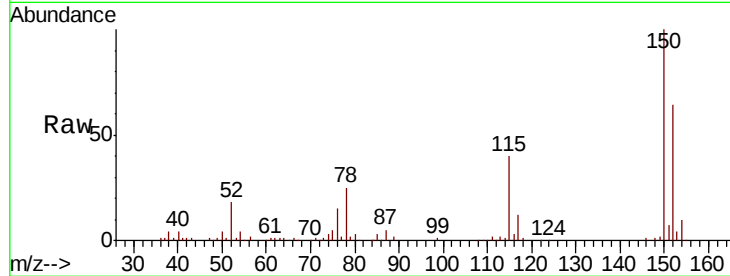
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	62.4	49.0	73.6

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

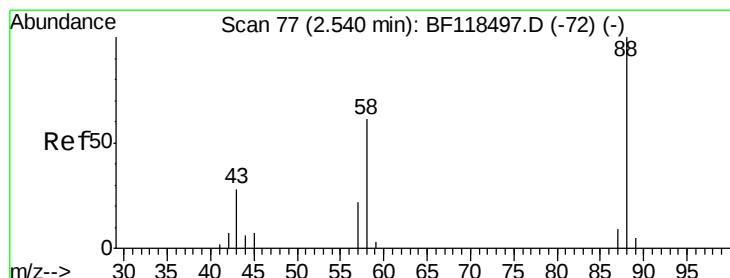
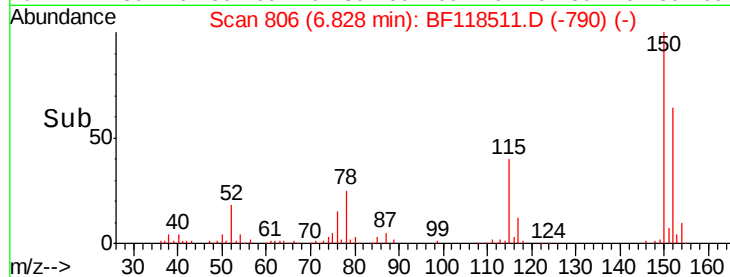
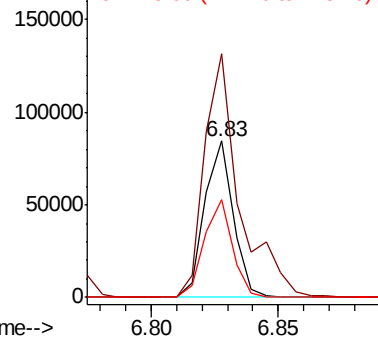


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

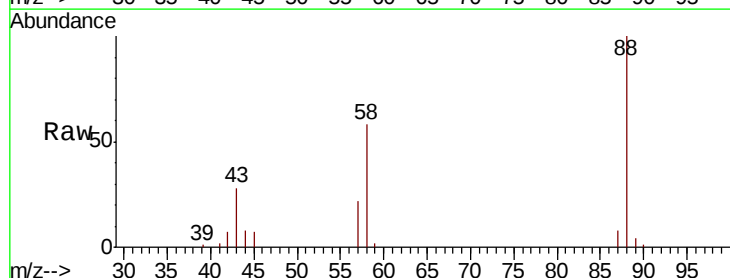
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.381 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.02 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.2	48.3	72.5
43	30.3	23.4	35.0

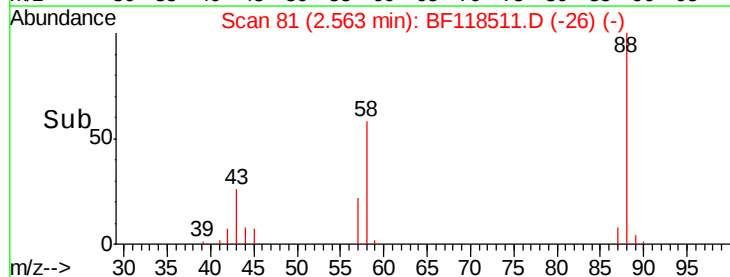
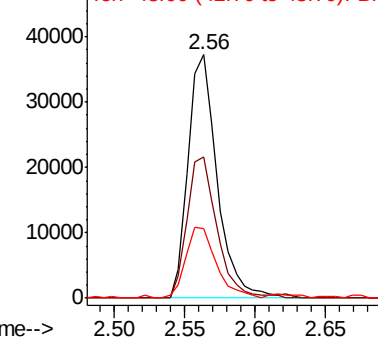


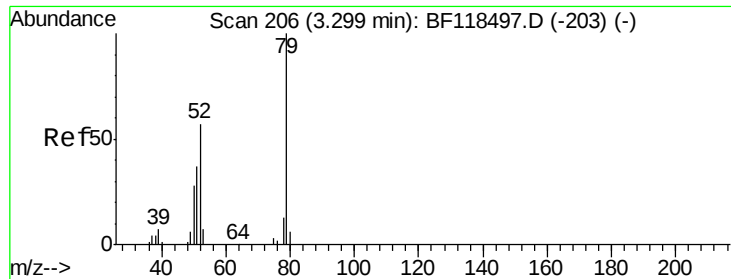
Abundance

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





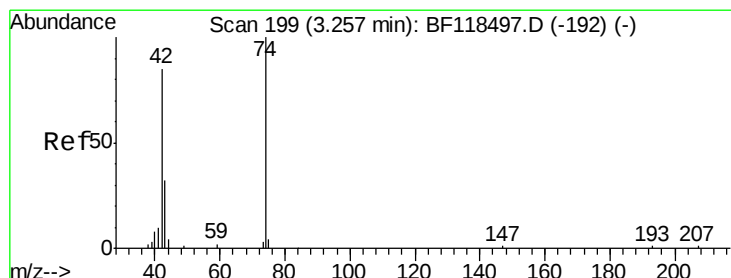
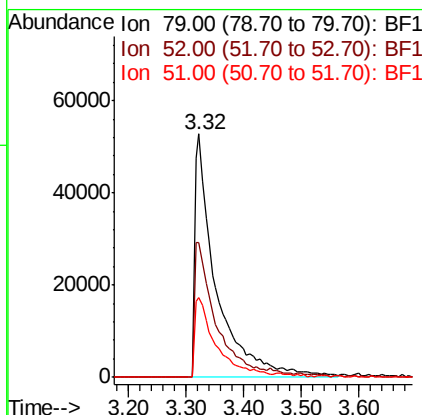
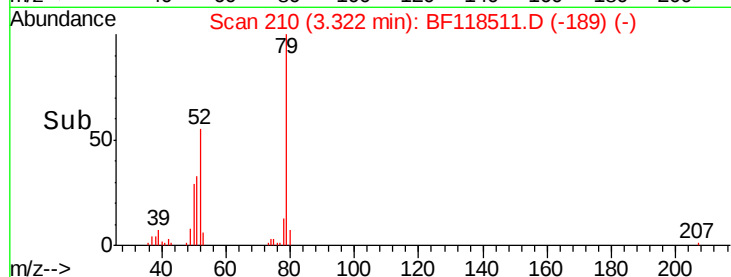
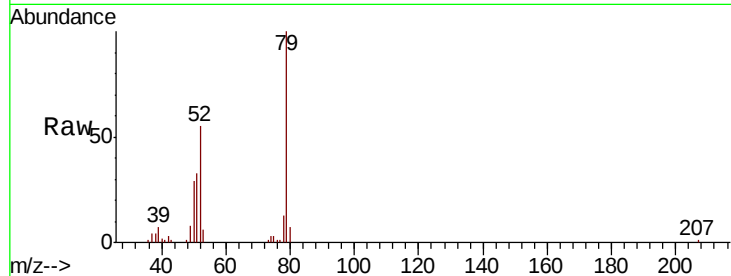
#3
 Pvridine
 Concen: 38.090 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.02 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.5	45.9	68.9
51	33.0	29.8	44.6

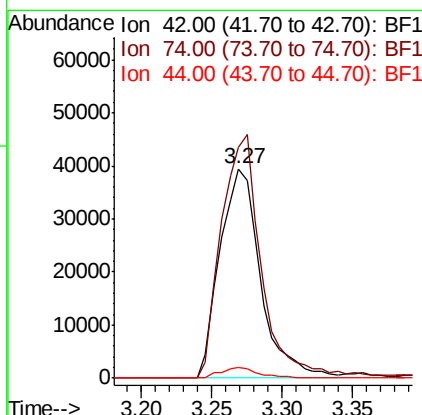
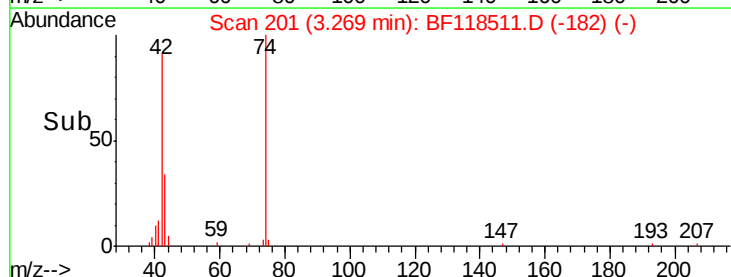
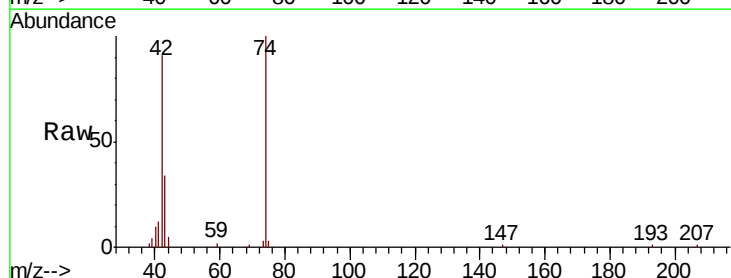
Manual Integrations
 APPROVED

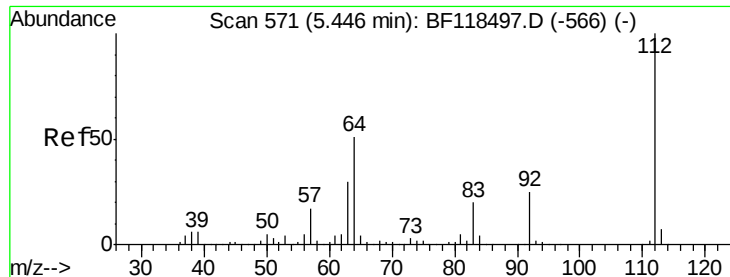
mohammad
 1/9/2020 12:11:02 PM



#4
 n-Nitrosodimethylamine
 Concen: 44.303 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.3	94.1	141.1
44	5.3	4.1	6.1





#5

2-Fluorophenol

Concen: 91.366 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampled :

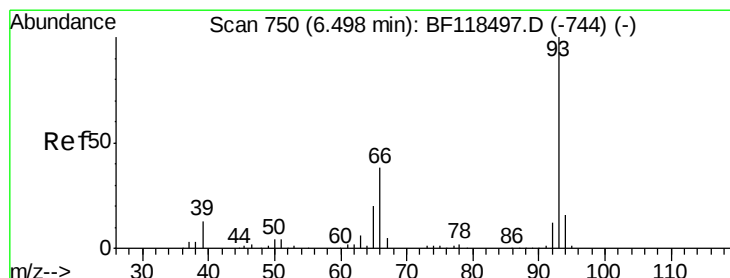
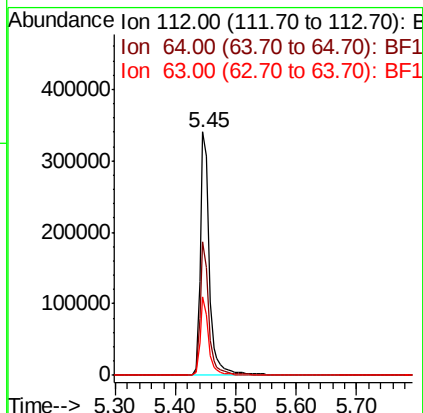
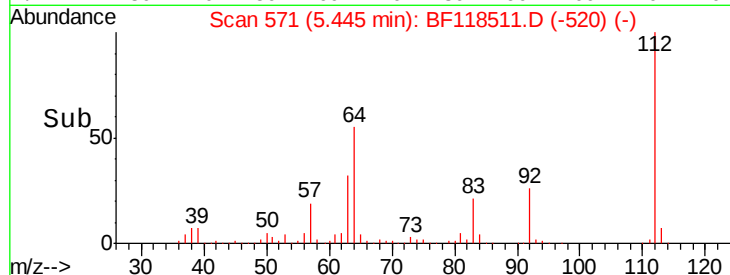
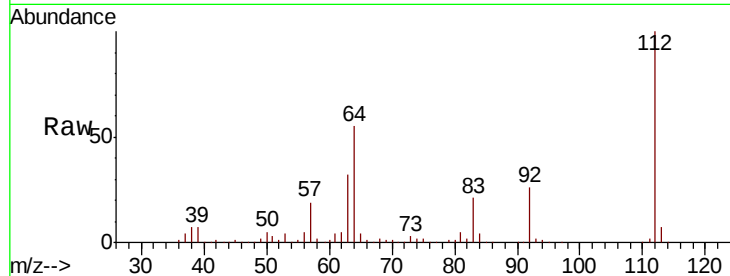
TP-4MSD

Tot Ion:	112	Resp:	364396
Ion Ratio	Lower	Upper	
112	100		
64	54.6	41.1	61.7
63	32.2	24.1	36.1

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



#6

Aniline

Concen: 26.822 ng

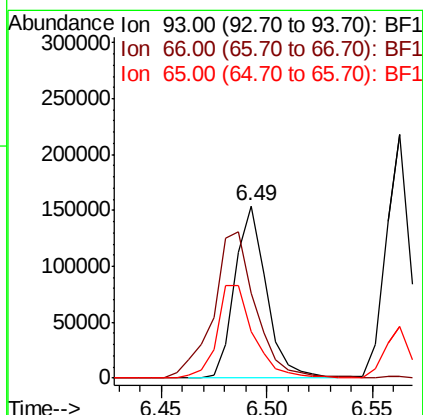
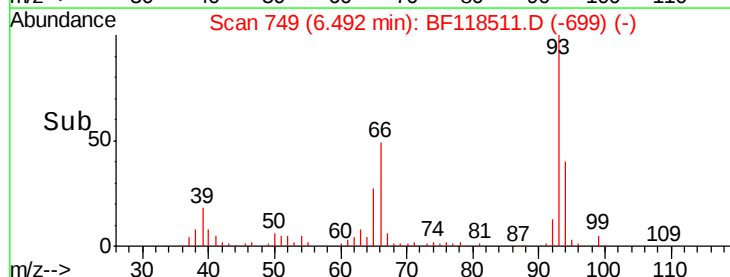
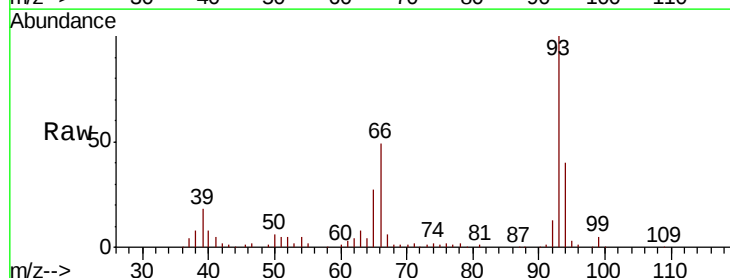
RT: 6.49 min Scan# 749

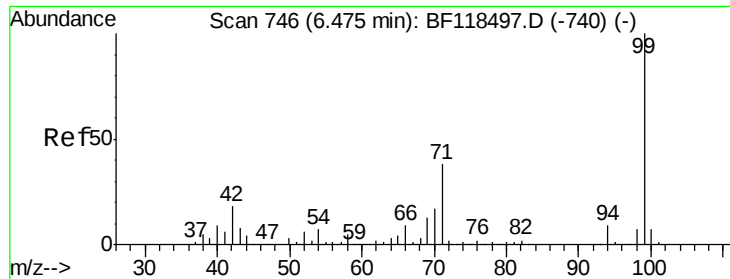
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion:	93	Resp:	159021
Ion Ratio	Lower	Upper	
93	100		
66	49.0	33.4	50.0
65	26.7	16.7	25.1





#7

Phenol-d6

Concen: 101.824 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampled :

TP-4MSD

Tot Ion: 99 Resp: 485525

Ion Ratio Lower Upper

99 100

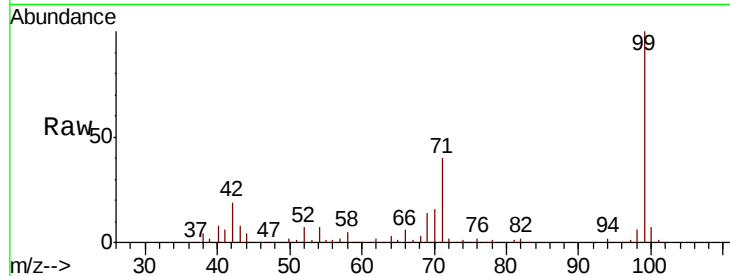
42 18.9 14.5 21.7

71 39.8 30.6 45.8

Manual Integrations
APPROVED

mohammad

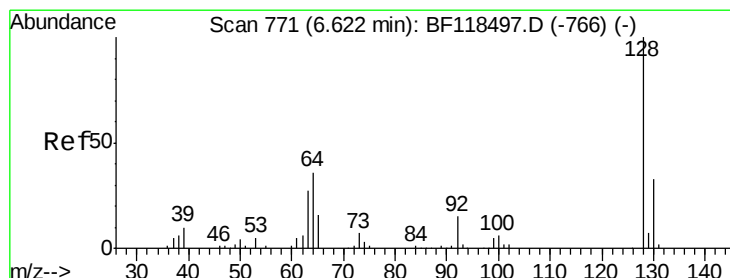
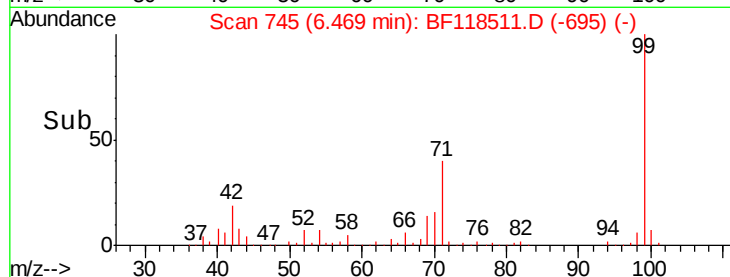
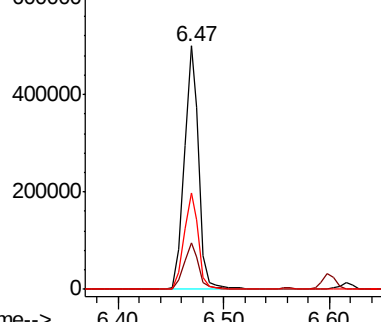
1/9/2020 12:11:02 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.802 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

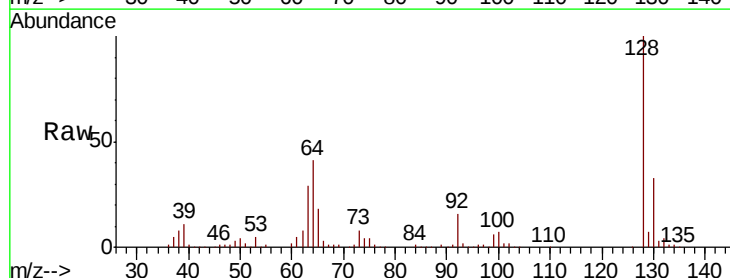
Tgt Ion: 128 Resp: 204086

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

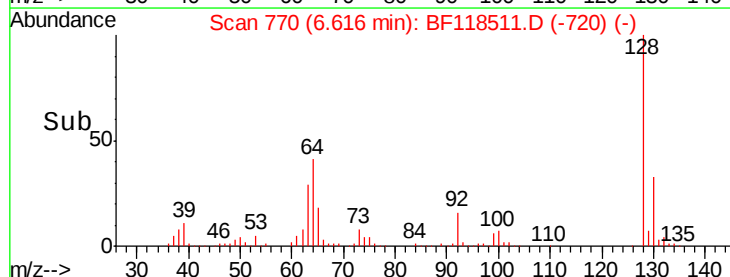
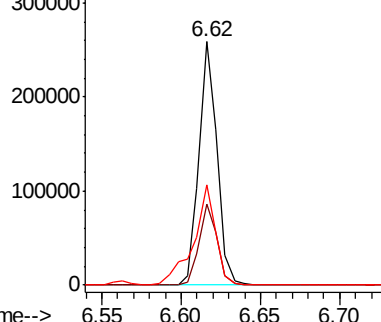
64 41.2 17.8 57.8

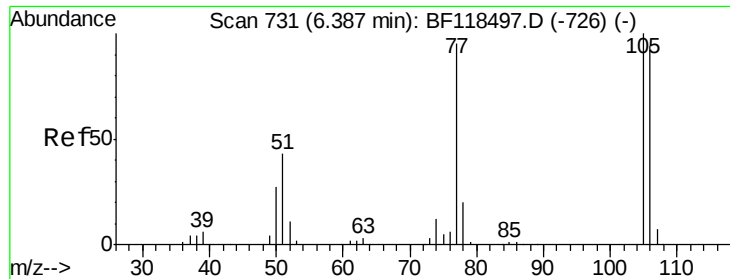


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.037 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampled :

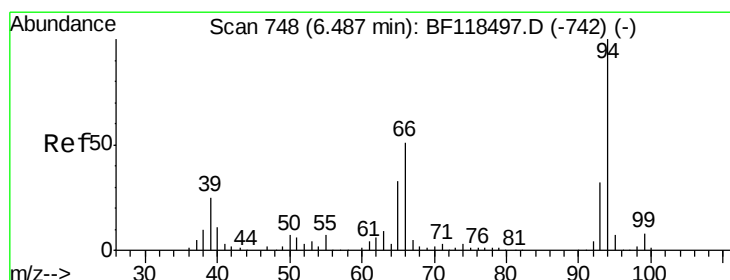
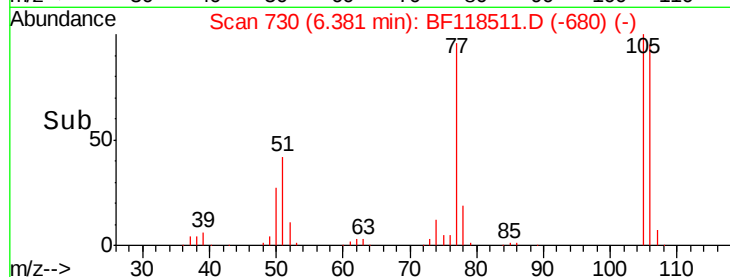
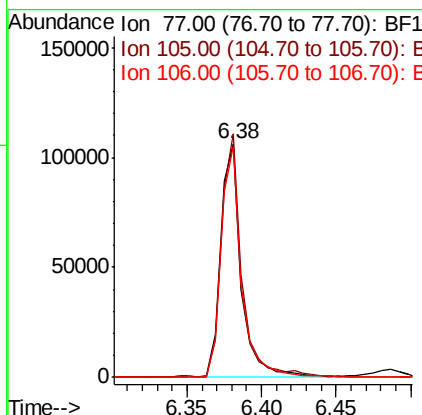
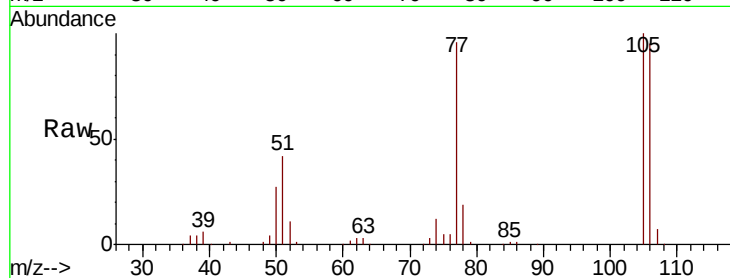
TP-4MSD

Tot Ion:	77	Resp:	103625
Ion	Ratio	Lower	Upper
77	100		
105	104.1	85.4	125.4
106	98.8	79.5	119.5

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



#10

Phenol

Concen: 46.511 ng

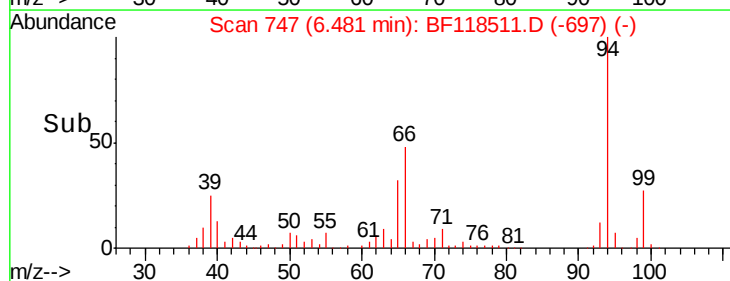
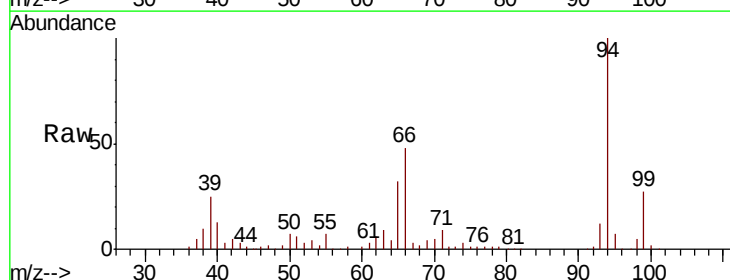
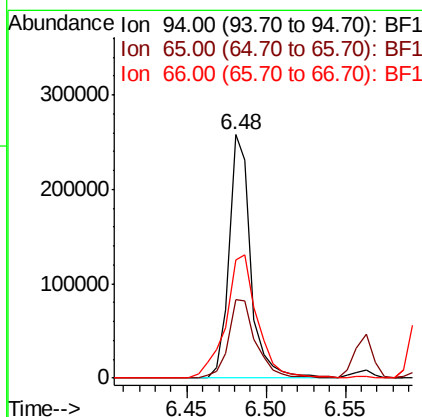
RT: 6.48 min Scan# 747

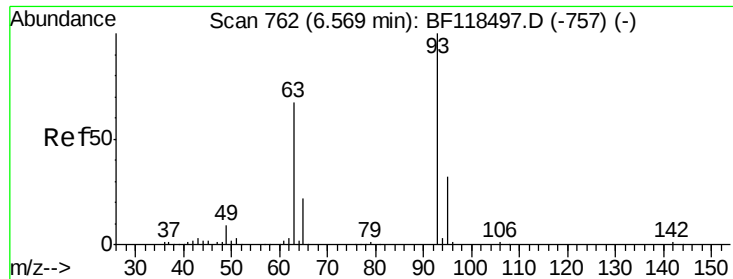
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion:	94	Resp:	245750
Ion	Ratio	Lower	Upper
94	100		
65	32.1	13.3	53.3
66	48.5	30.9	70.9





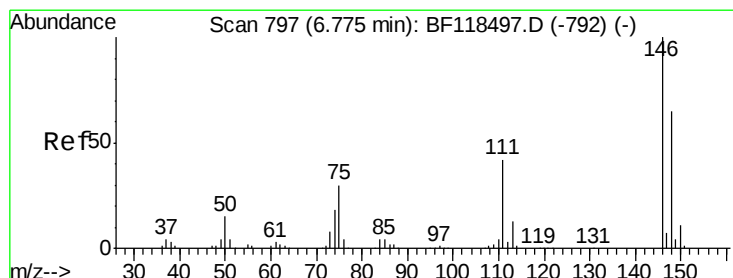
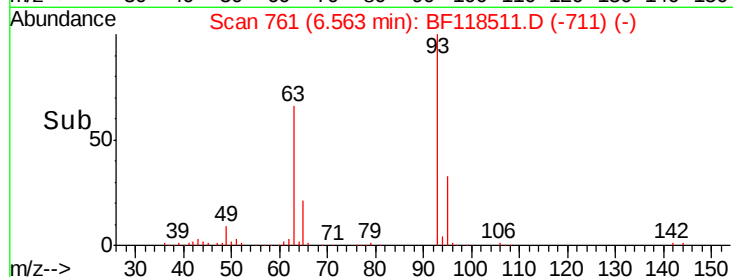
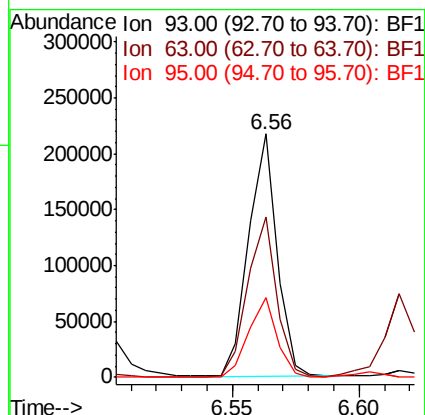
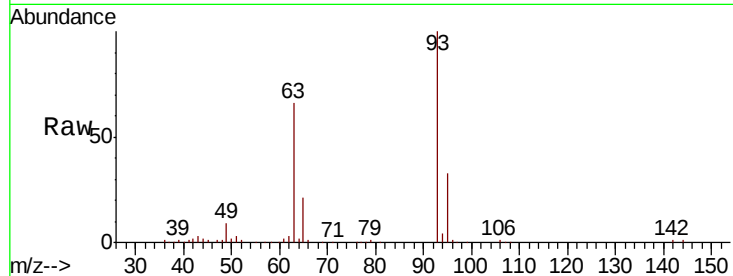
#11
bis(2-Chloroethyl)ether
Concen: 45.144 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion:	93	Resp:	170054
Ion Ratio	Lower	Upper	
93	100		
63	65.9	46.6	86.6
95	32.8	11.5	51.5

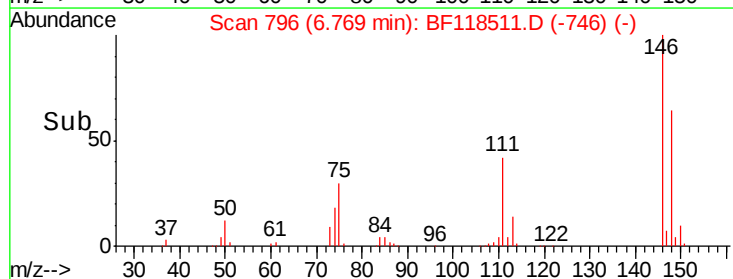
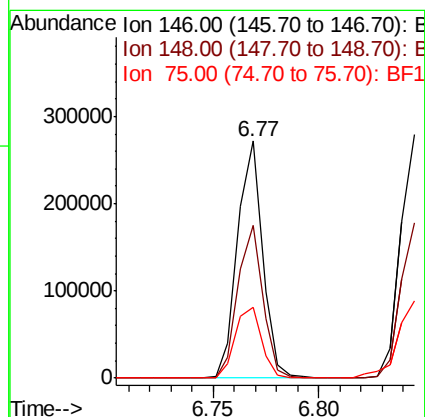
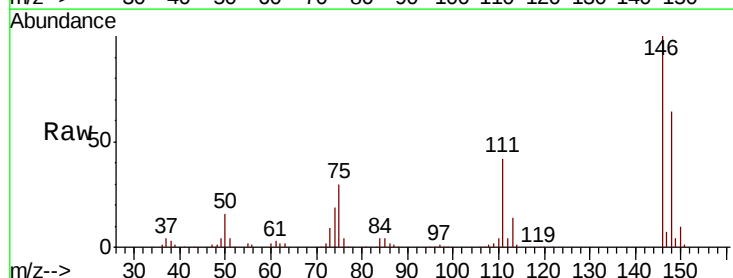
Manual Integrations
APPROVED

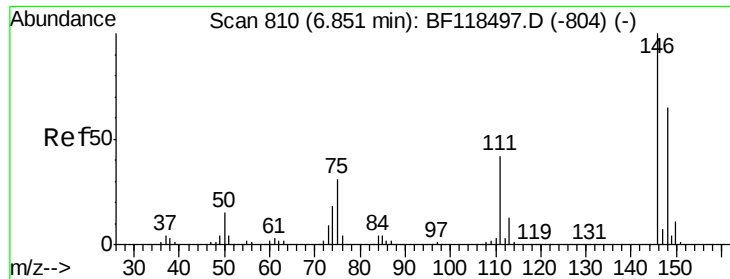
mohammad
1/9/2020 12:11:02 PM



#12
1,3-Dichlorobenzene
Concen: 43.699 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion:	146	Resp:	222756
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.4	78.6
75	29.9	24.1	36.1





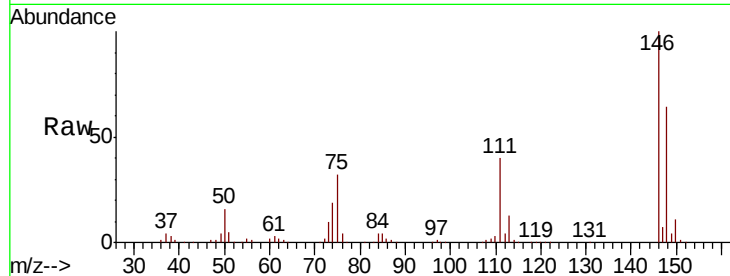
#13
1,4-Dichlorobenzene
Concen: 43.912 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	40.3	33.2	49.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

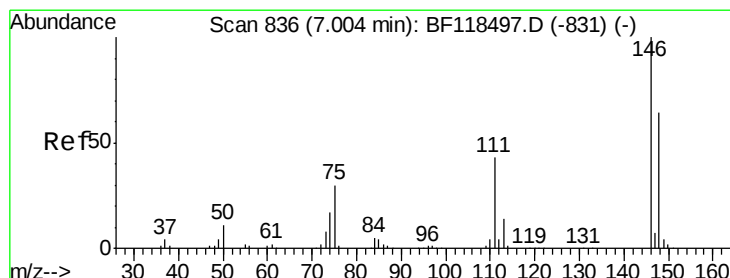
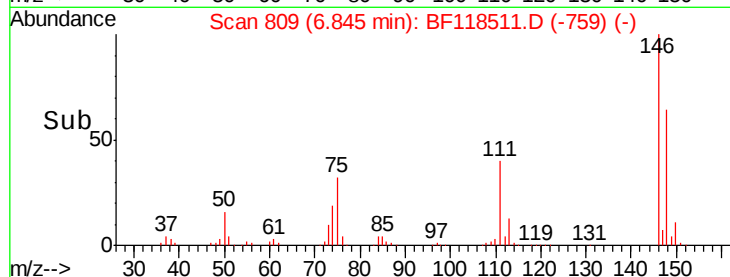
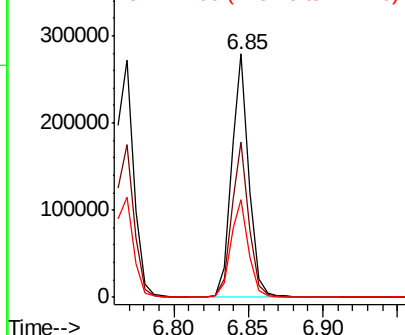


Abundance

Ion 146.00 (145.70 to 146.70): E

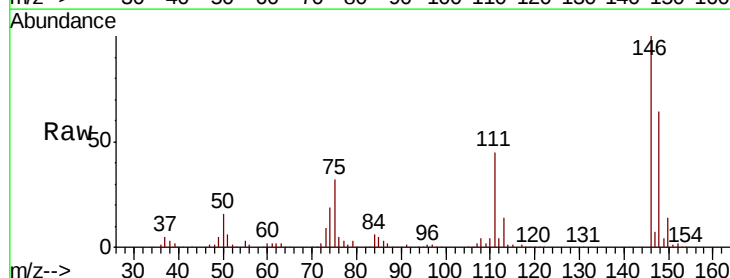
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 44.363 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	44.6	34.7	52.1

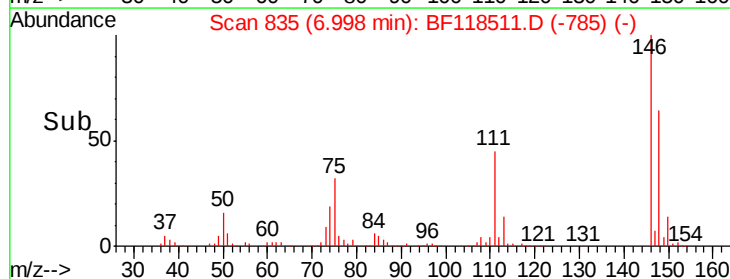
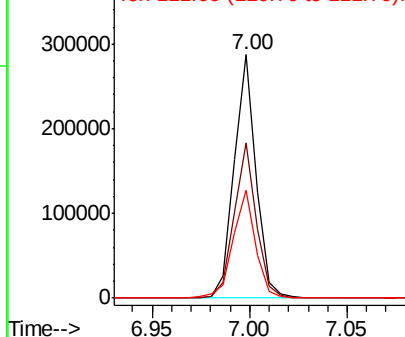


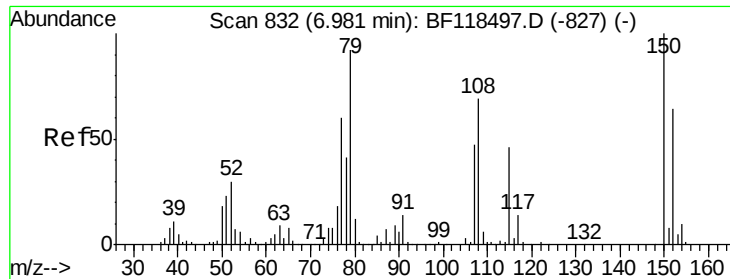
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.260 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

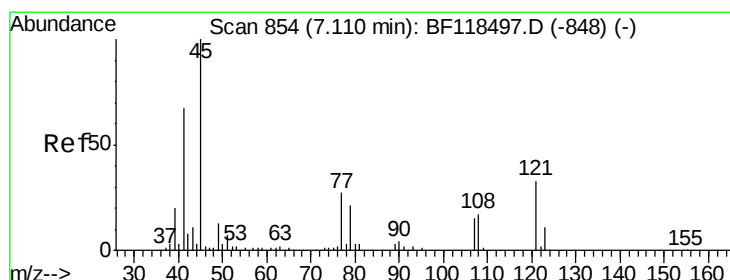
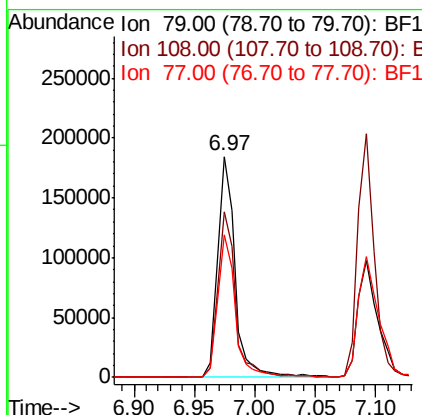
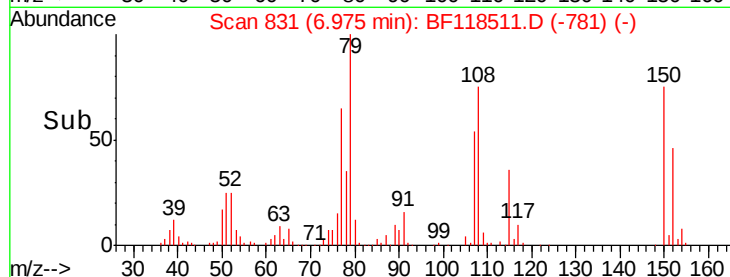
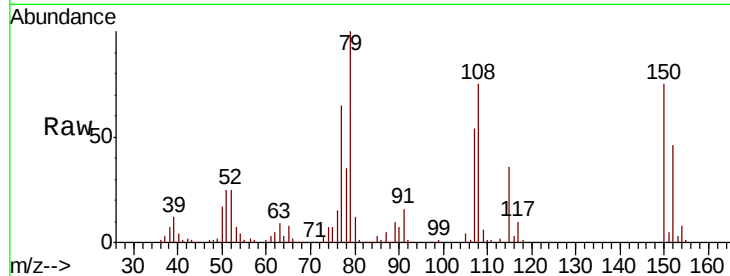
ClientSampled :

TP-4MSD

Tot Ion:	79	Resp:	182797
Ion Ratio	Lower	Upper	
79	100		
108	74.9	60.2	90.2
77	64.9	51.8	77.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.618 ng

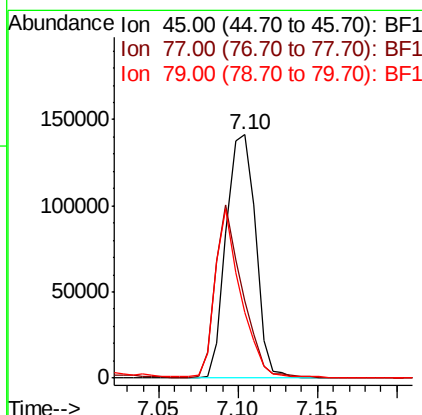
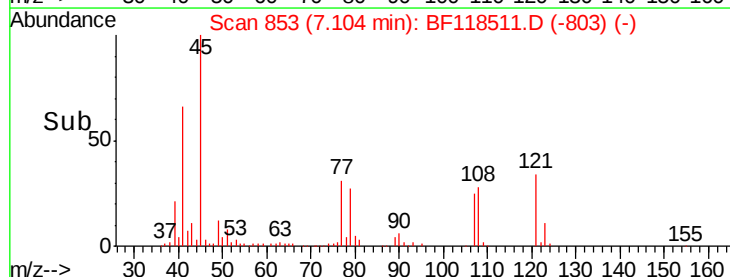
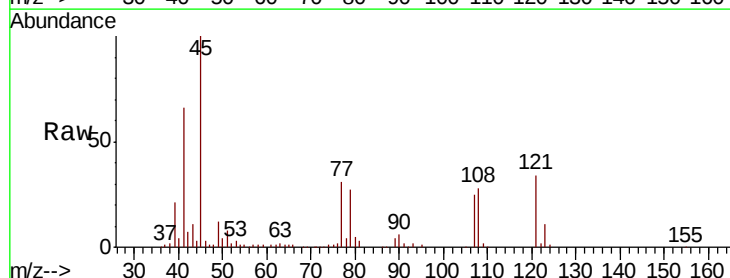
RT: 7.10 min Scan# 853

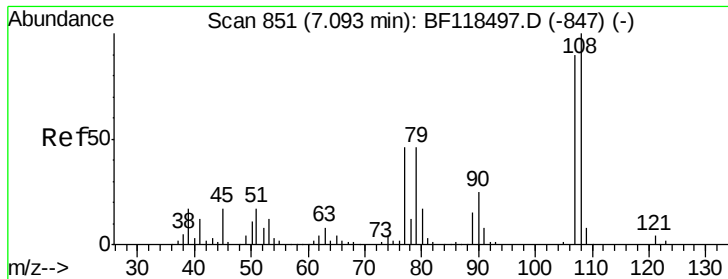
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion:	45	Resp:	182265
Ion Ratio	Lower	Upper	
45	100		
77	31.5	7.6	47.6
79	27.2	2.0	42.0





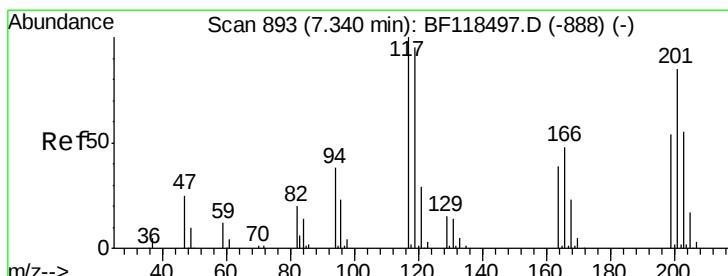
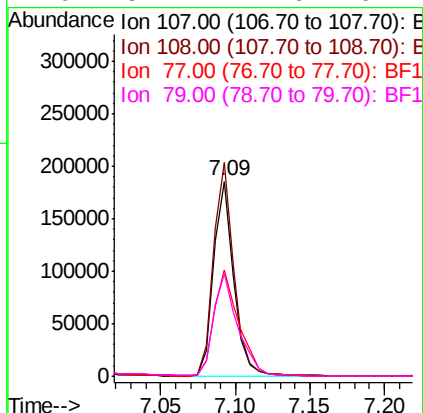
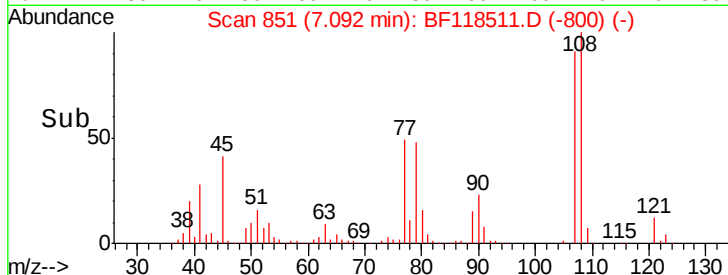
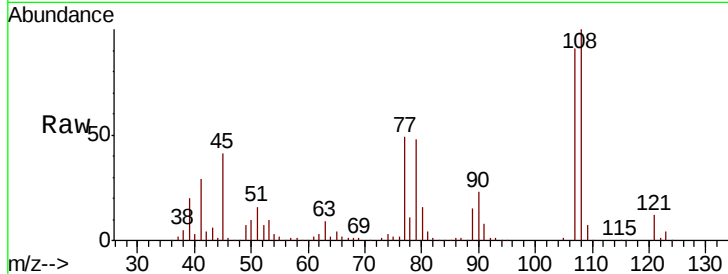
#17
2-Methylphenol
Concen: 48.925 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	88.9	133.3	
77	54.2	41.2	61.8	
79	52.7	41.6	62.4	

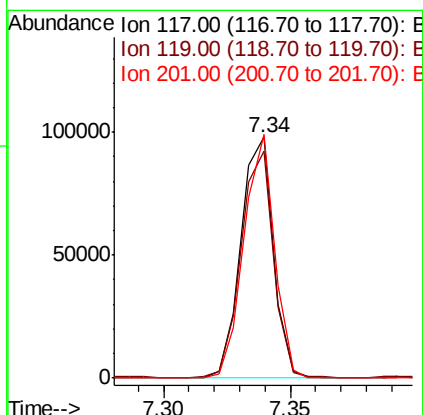
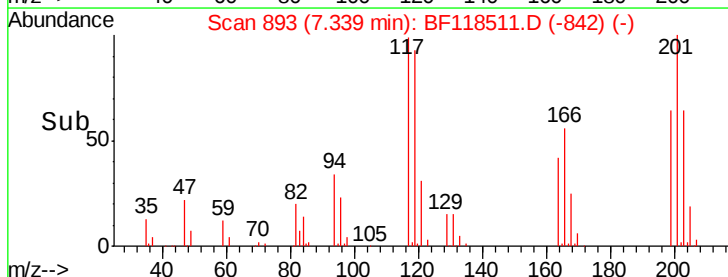
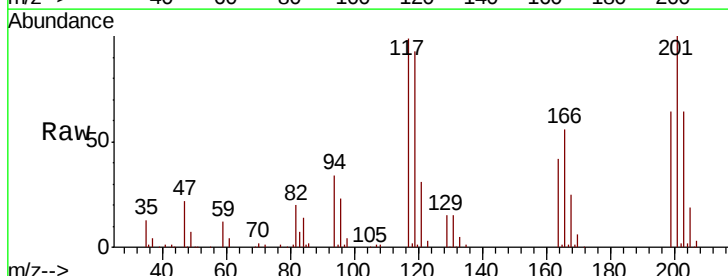
Manual Integrations
APPROVED

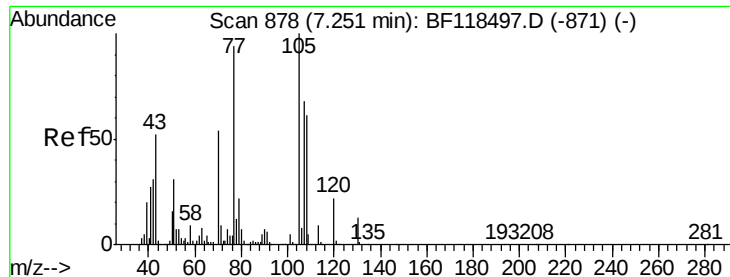
mohammad
1/9/2020 12:11:02 PM



#18
Hexachloroethane
Concen: 44.116 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	76.2	114.4	
201	101.2	67.7	101.5	





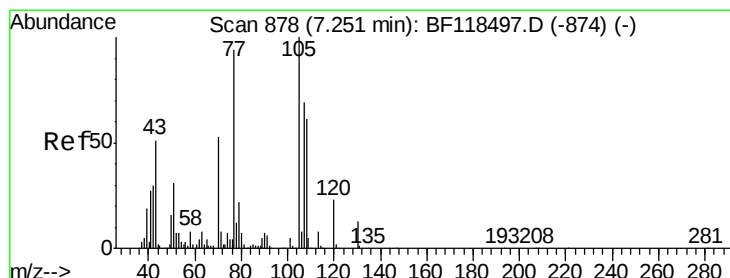
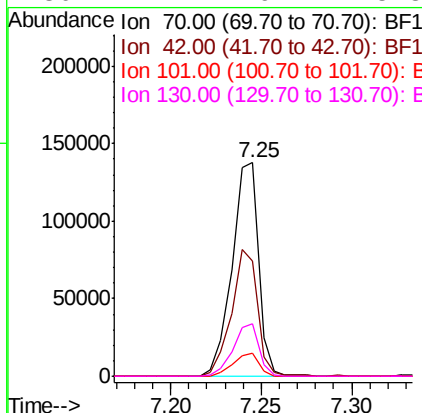
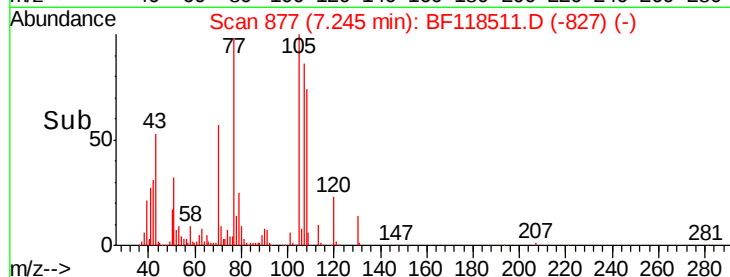
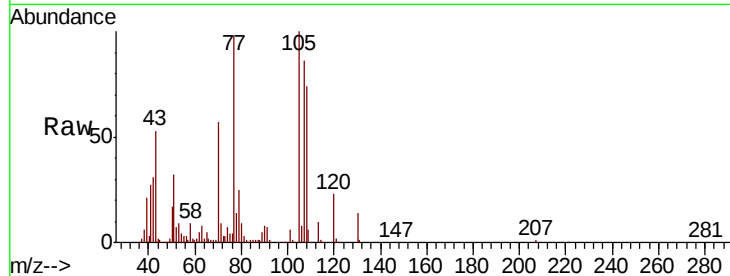
#19
n-Nitroso-di-n-propylamine
Concen: 45.814 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.9	45.6	68.4	
101	11.0	8.2	12.2	
130	24.7	19.2	28.8	

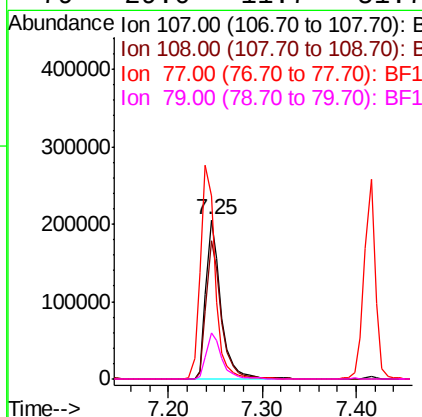
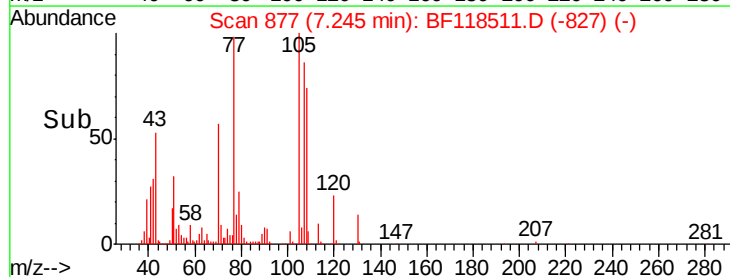
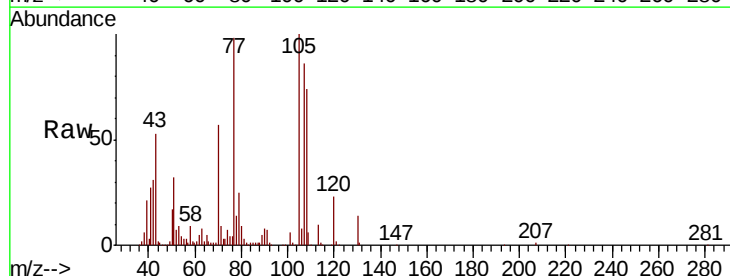
Manual Integrations
APPROVED

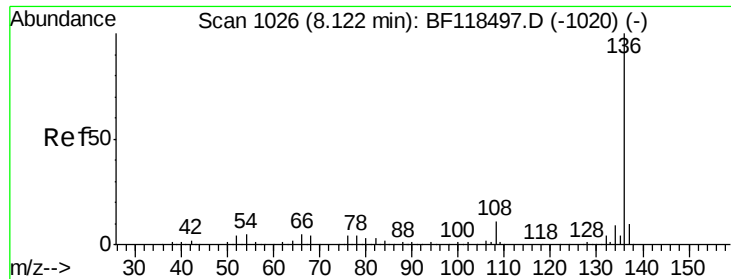
mohammad
1/9/2020 12:11:02 PM



#20
3+4-Methylphenols
Concen: 47.431 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	68.9	108.9	
77	114.7	116.8	156.8	
79	29.0	11.7	51.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampleID :

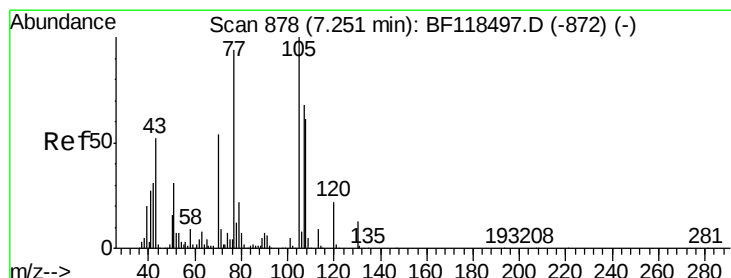
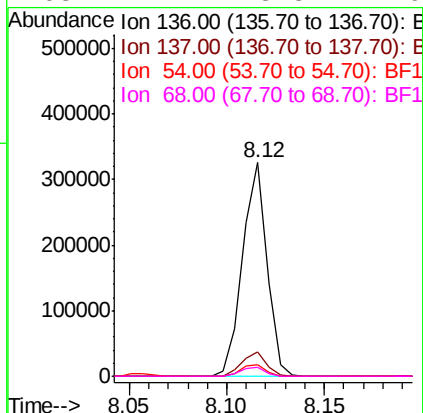
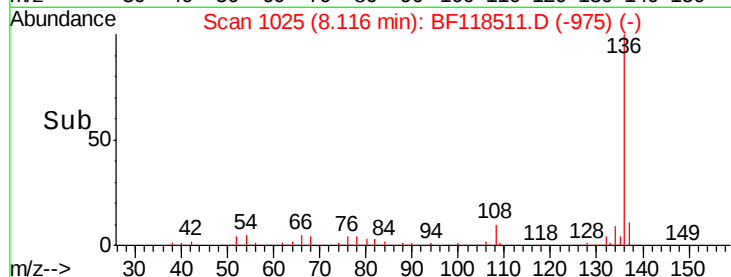
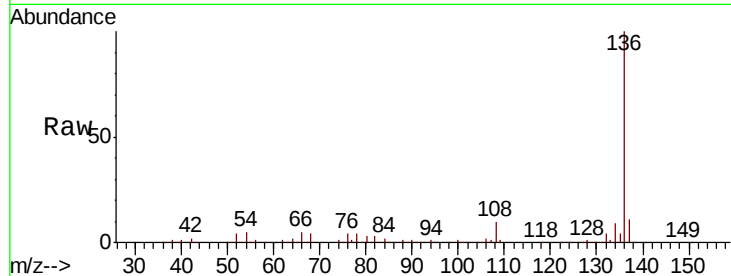
TP-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	283727		
137	11.4	8.3	12.5	
54	5.1	4.2	6.2	
68	4.1	3.3	4.9	

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



#22

Acetophenone

Concen: 41.835 ng

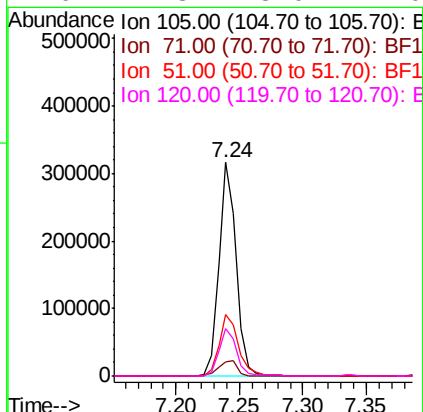
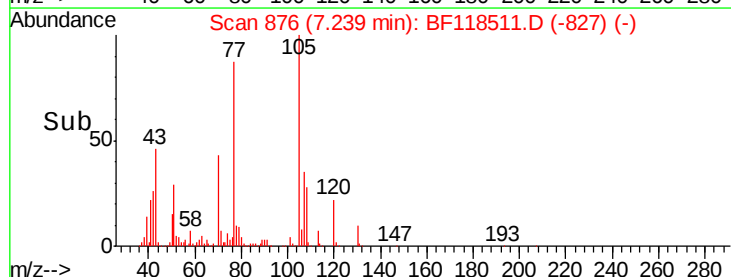
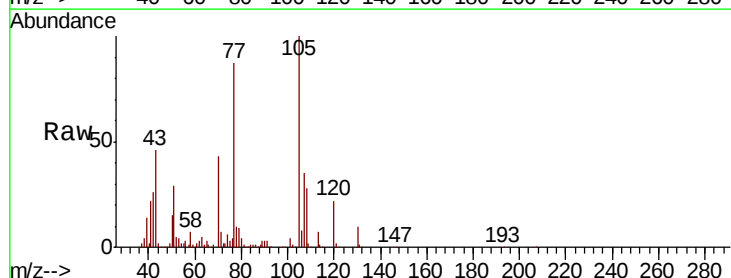
RT: 7.24 min Scan# 876

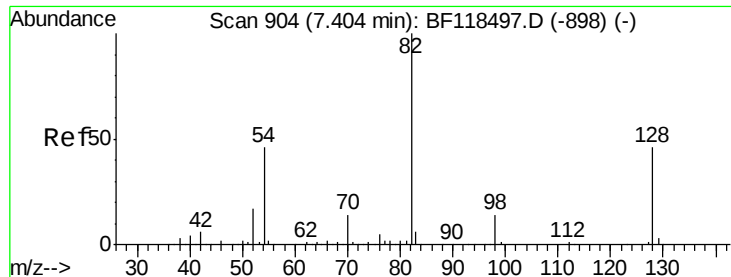
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300876		
71	6.9	6.9	10.3#	
51	28.8	25.0	37.4	
120	22.3	18.0	27.0	





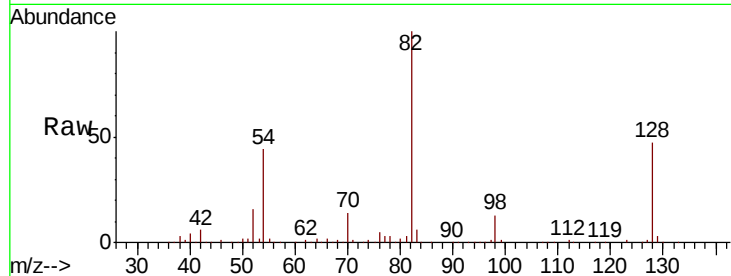
#23
Nitrobenzene-d5
Concen: 59.168 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

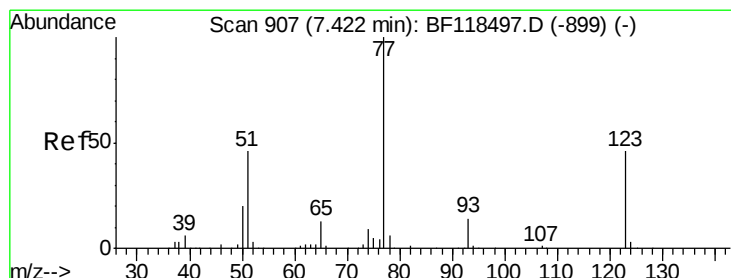
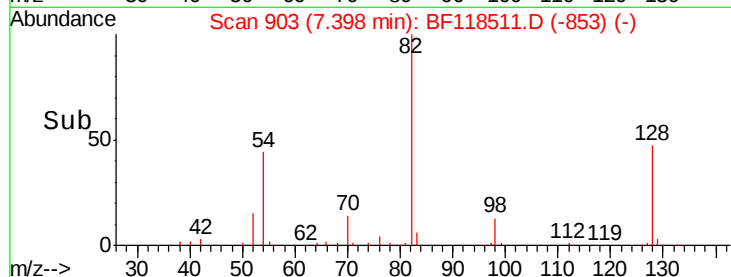
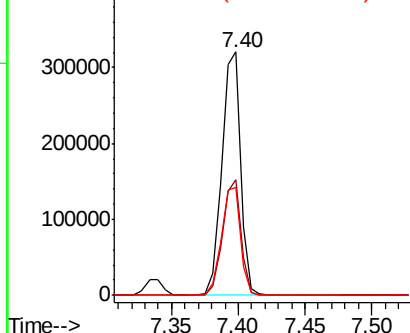
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.6	54.8
54	44.1	37.0	55.6

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

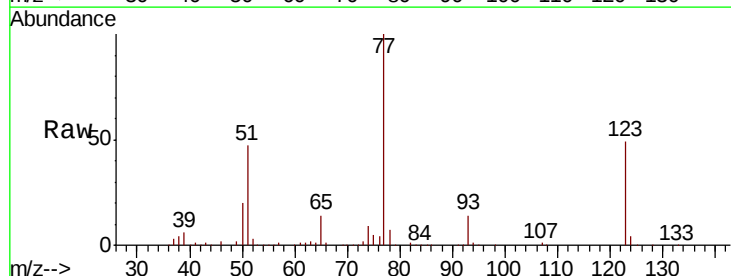


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

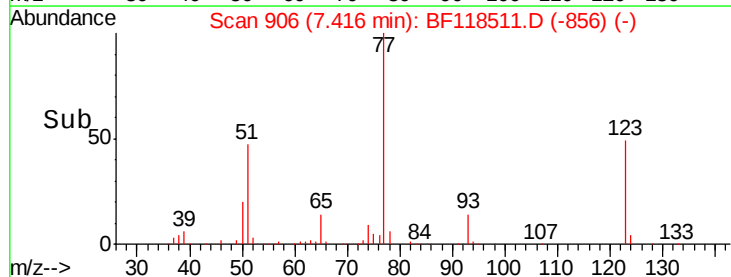
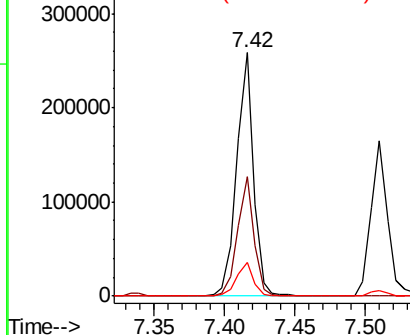


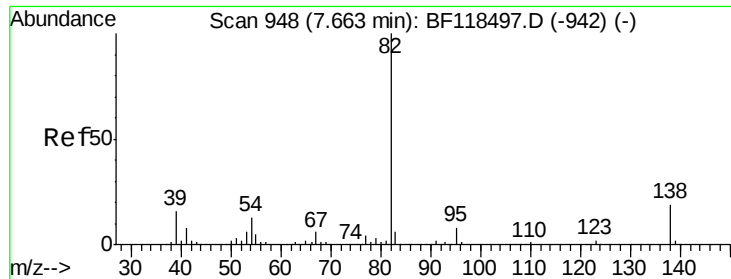
#24
Nitrobenzene
Concen: 40.051 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.0	55.4
65	13.7	10.7	16.1



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: 41.334 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampleId :

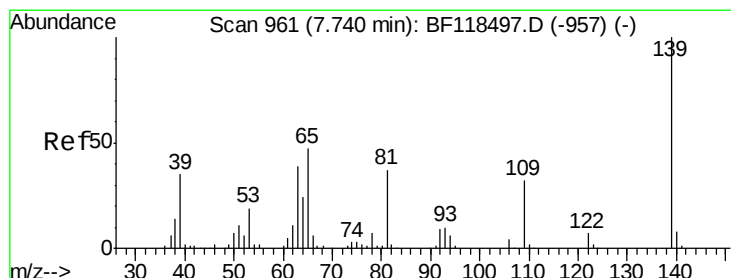
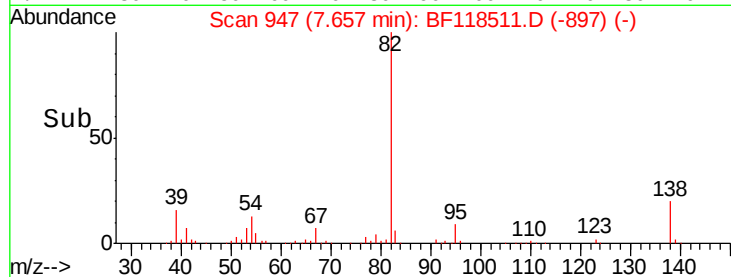
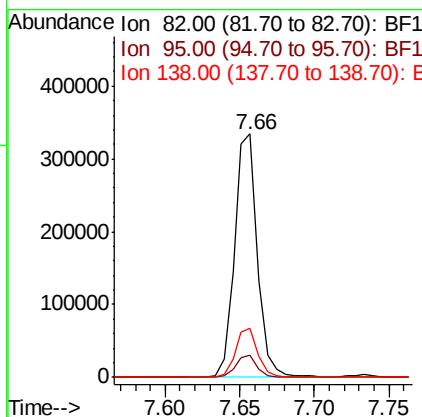
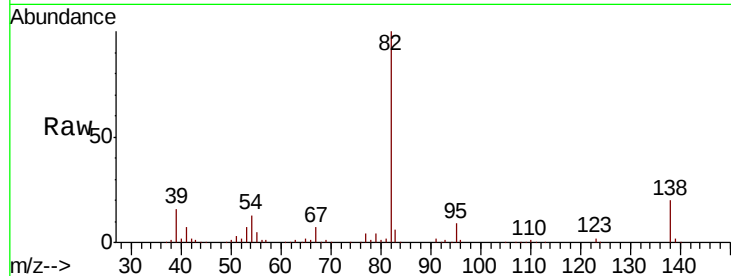
TP-4MSD

Tot Ion:	82	Resp:	357648
Ion Ratio	Lower	Upper	
82	100		
95	9.0	6.6	9.8
138	19.9	15.4	23.2

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



#26

2-Nitrophenol

Concen: 42.030 ng

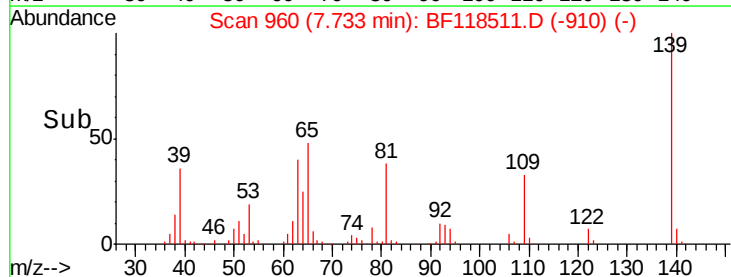
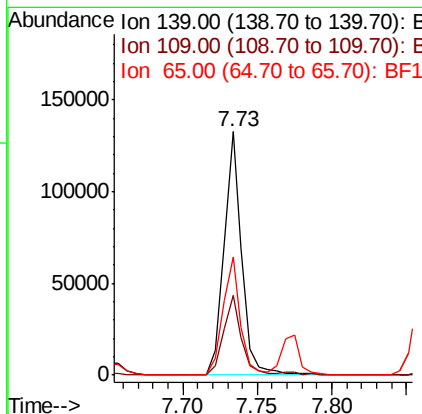
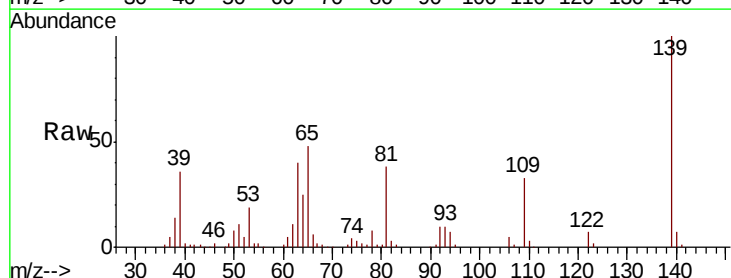
RT: 7.73 min Scan# 960

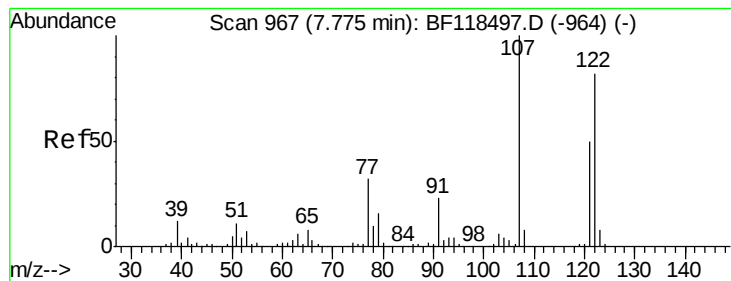
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion:	139	Resp:	111449
Ion Ratio	Lower	Upper	
139	100		
109	33.0	25.7	38.5
65	48.3	37.8	56.6





#27

2,4-Dimethylphenol

Concen: 50.223 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampleId :

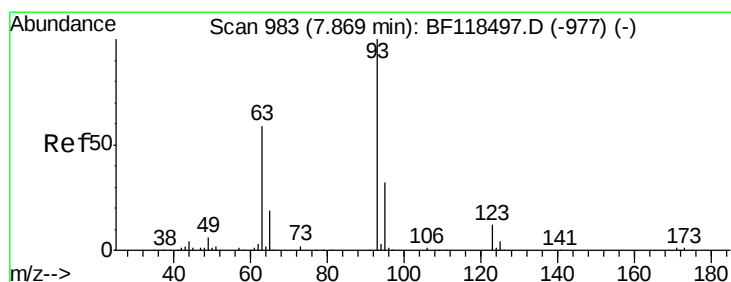
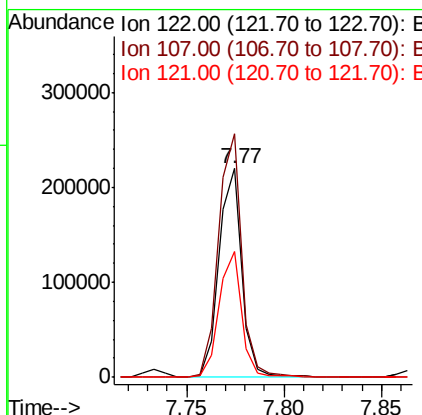
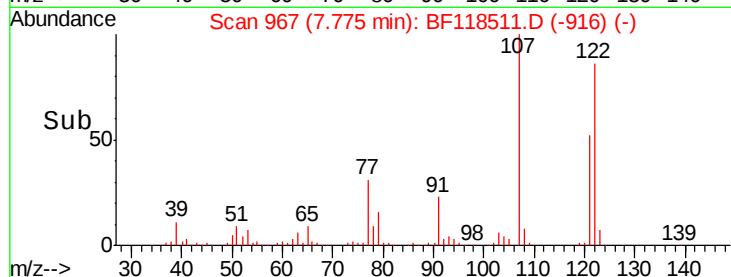
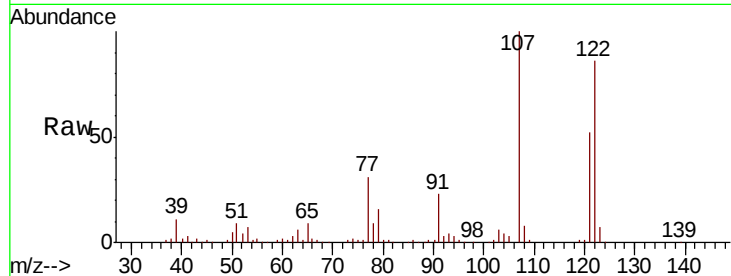
TP-4MSD

Tot Ion:	122	Resp:	179093
Ion Ratio	Lower	Upper	
122	100		
107	116.5	97.9	146.9
121	60.1	49.0	73.4

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.772 ng

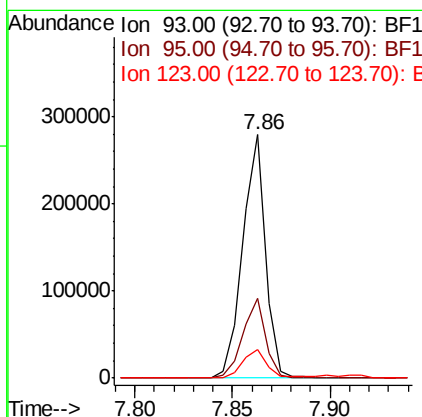
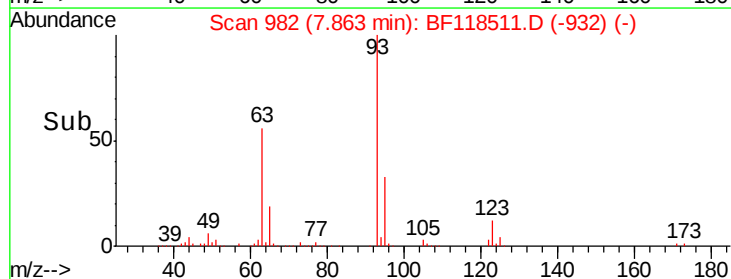
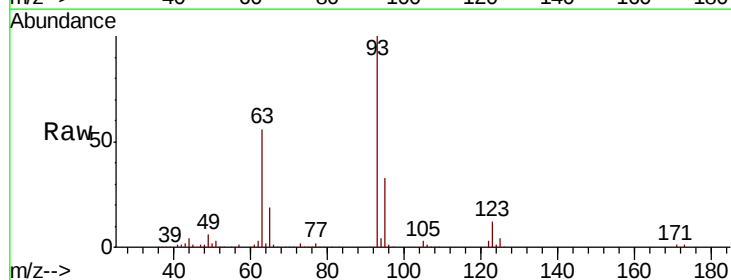
RT: 7.86 min Scan# 982

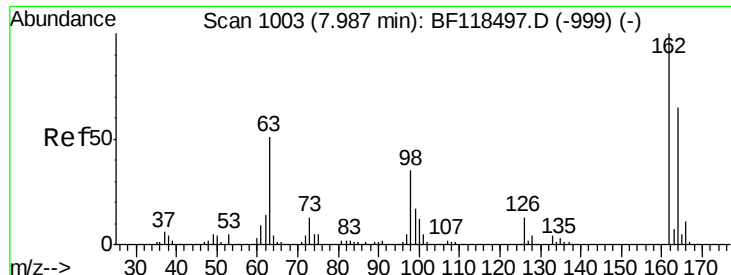
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion:	93	Resp:	226247
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.9	38.9
123	11.7	9.7	14.5





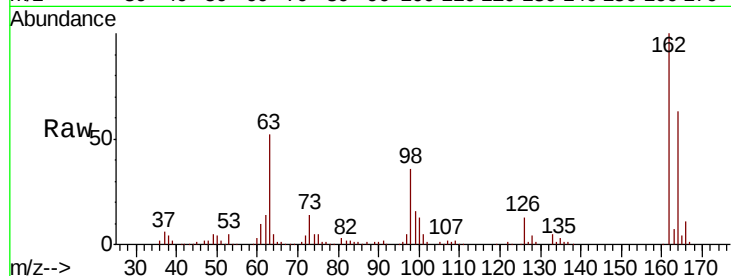
#29
2,4-Dichlorophenol
Concen: 44.756 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		186347		
164	63.2	44.8		84.8	
98	36.1	15.1		55.1	

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

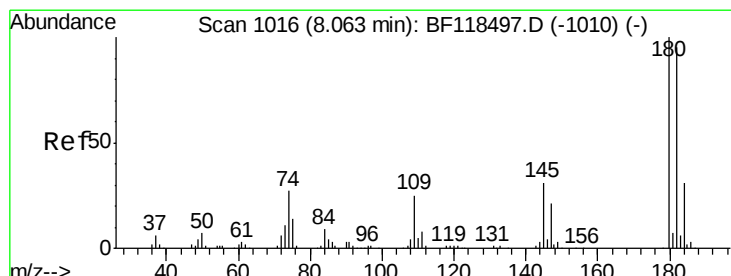
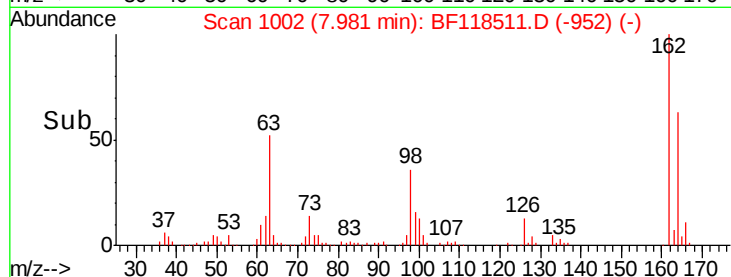
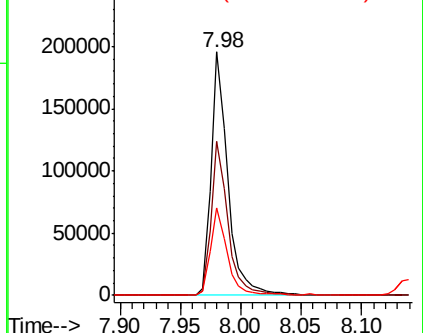


Abundance

Ion 162.00 (161.70 to 162.70): E

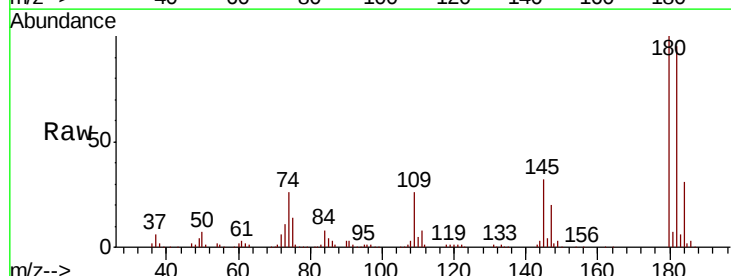
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.101 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		208432		
182	95.5	75.8		113.6	
145	32.4	25.0		37.6	

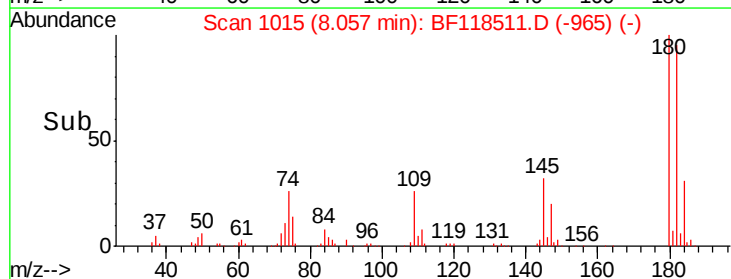
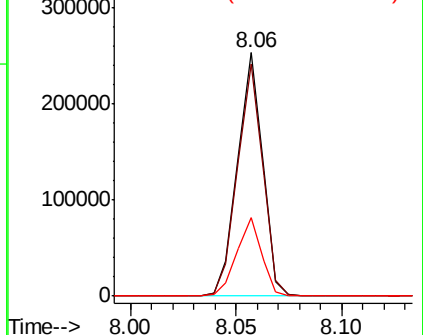


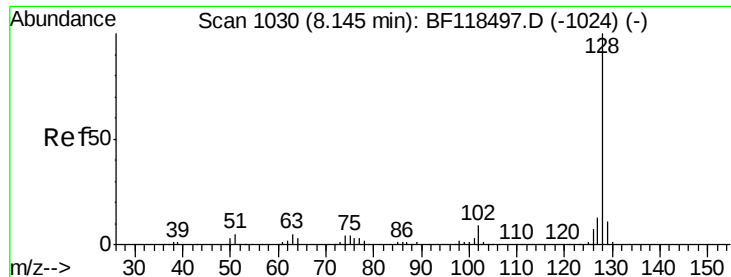
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





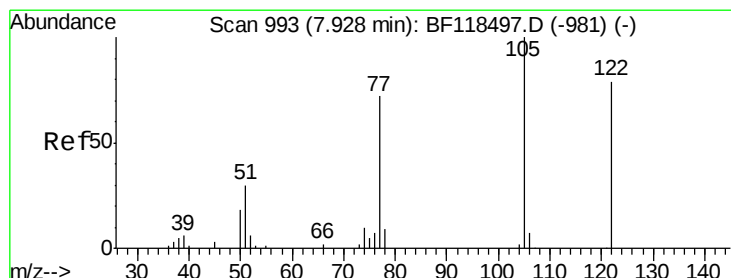
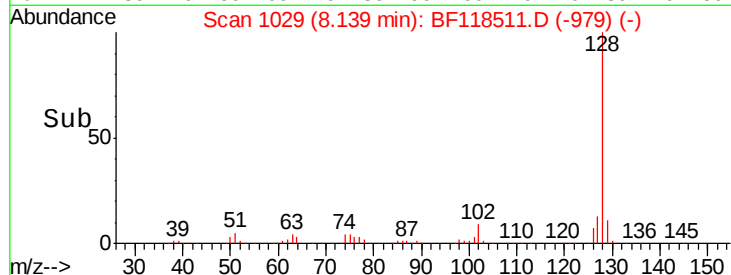
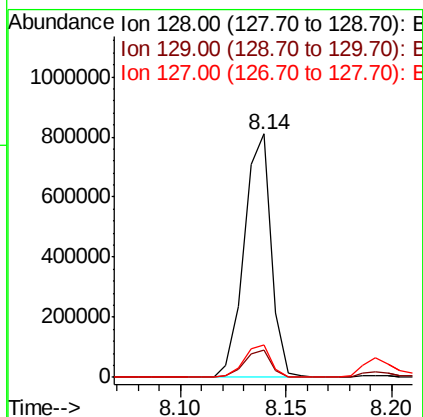
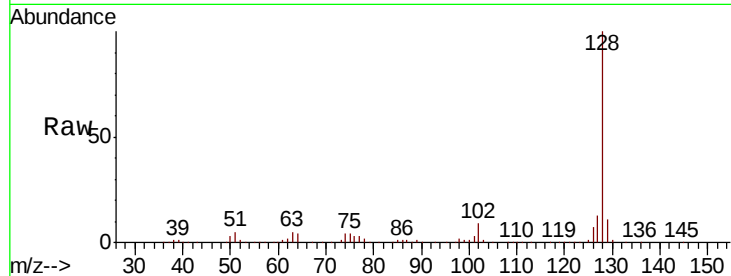
#31
Naphthalene
Concen: 48.389 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.1	10.7	16.1

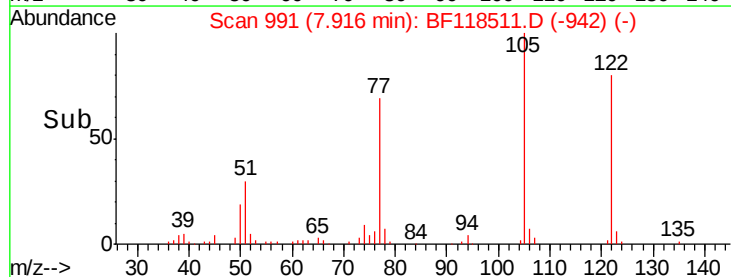
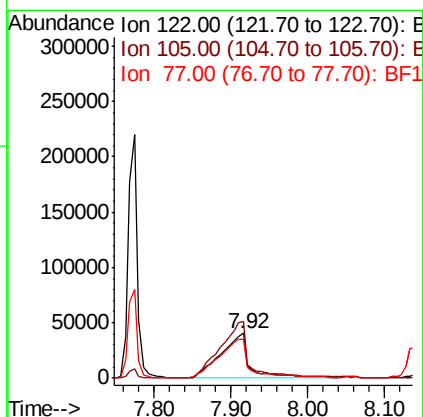
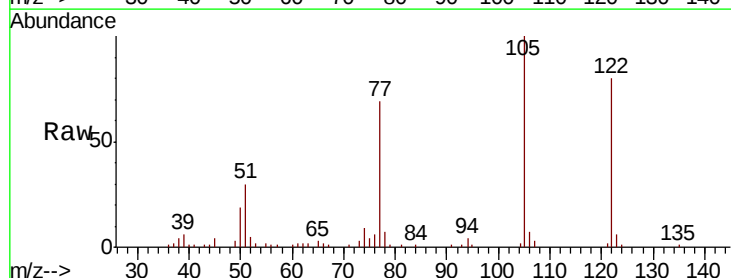
Manual Integrations
APPROVED

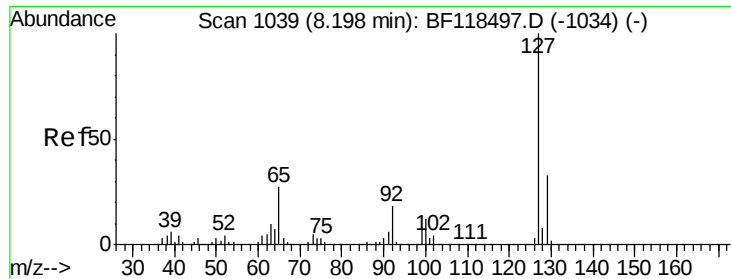
mohammad
1/9/2020 12:11:02 PM



#32
Benzoic acid
Concen: 42.738 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	105.7	145.7
77	86.7	71.0	111.0





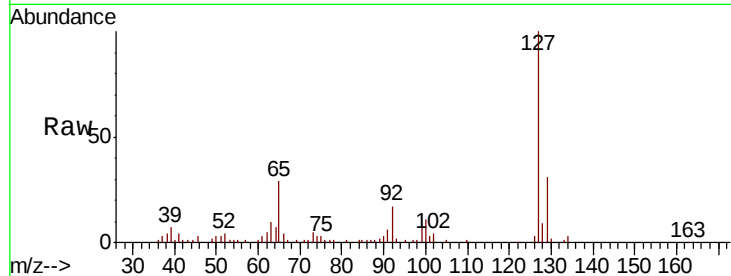
#33
4-Chloroaniline
Concen: 13.982 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.4		
65	29.3	21.6	32.4		
92	17.4	14.3	21.5		

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM



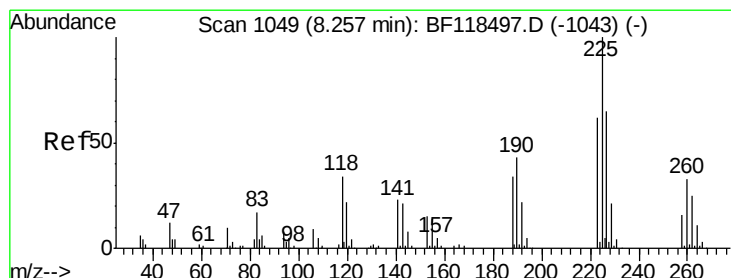
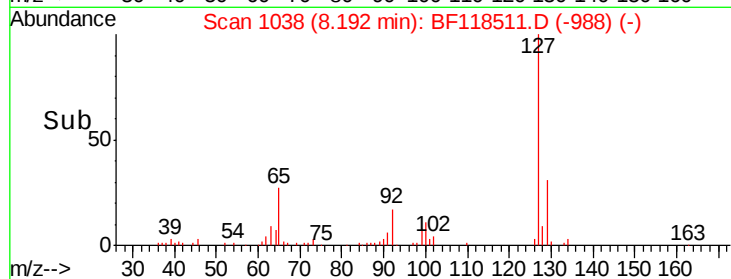
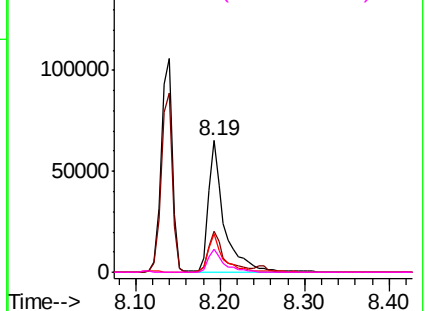
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

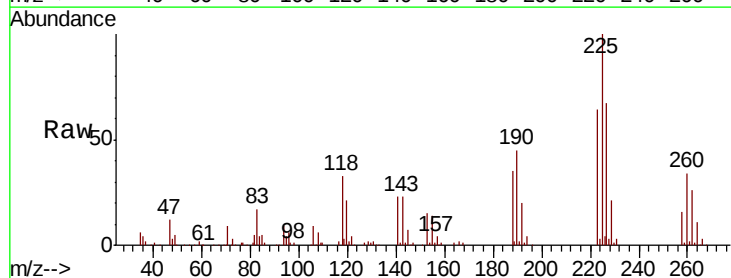
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.244 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	49.9	74.9		
227	66.7	51.8	77.6		

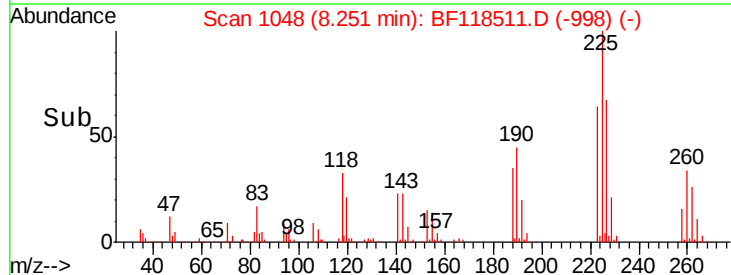
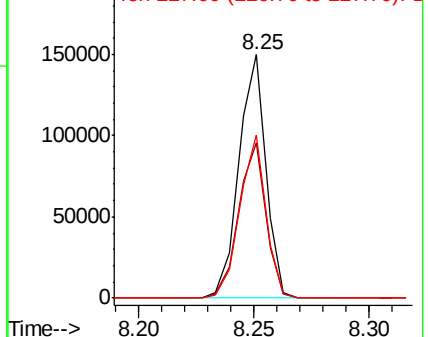


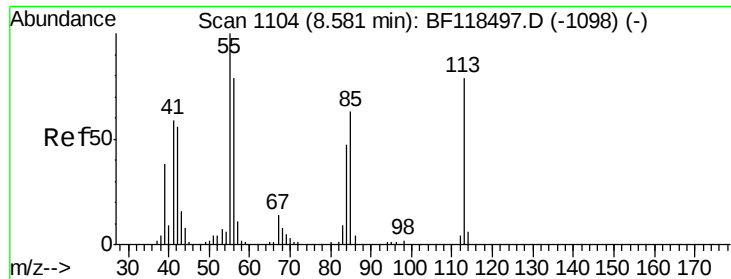
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





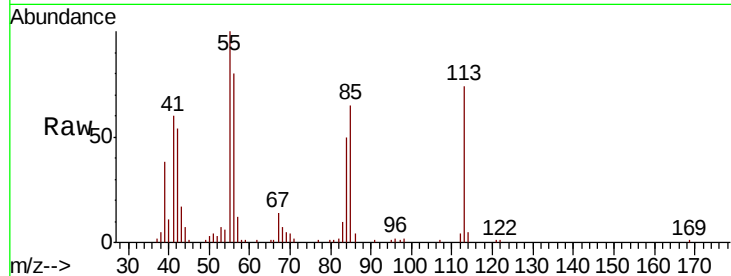
#35
Caprolactam
Concen: 46.925 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleID :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.9	106.5	146.5
56	107.7	80.1	120.1

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

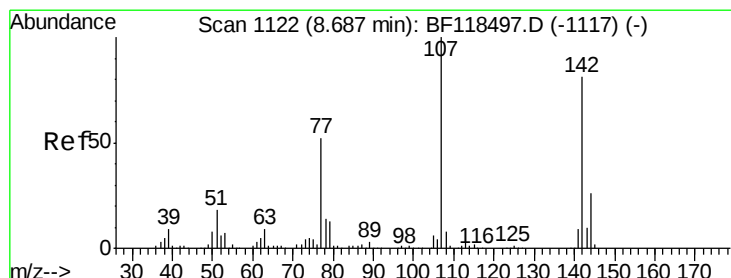
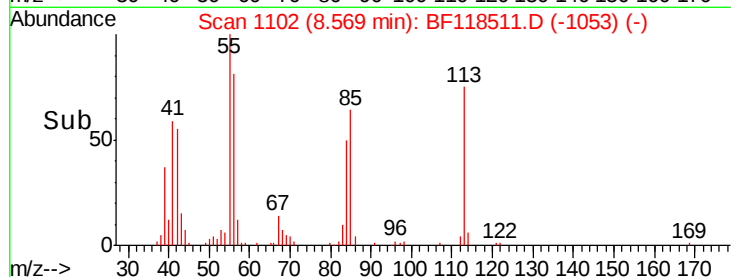
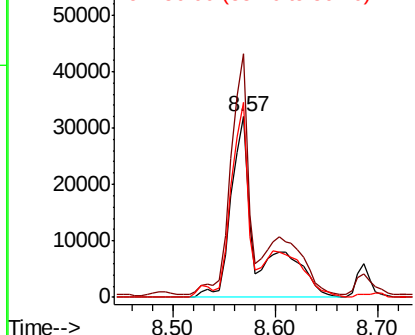


Abundance

Ion 113.00 (112.70 to 113.70): E

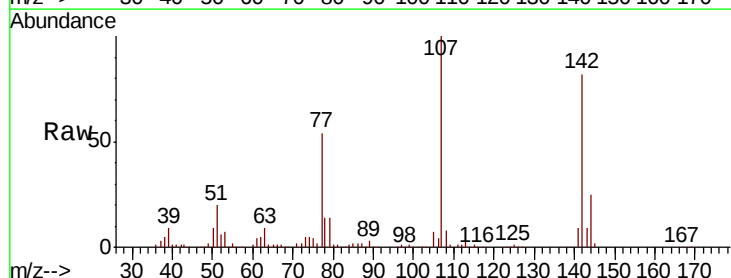
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 38.377 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	31.0
142	82.4	65.0	97.4

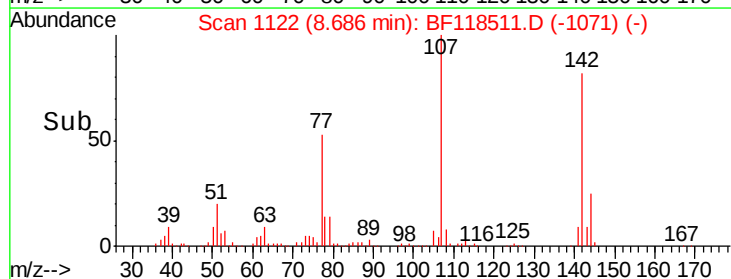
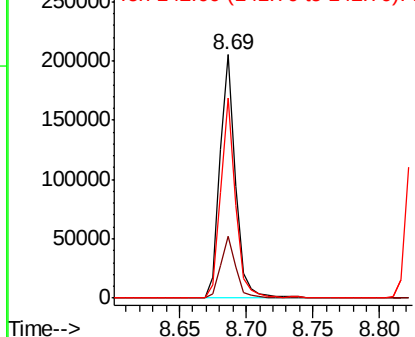


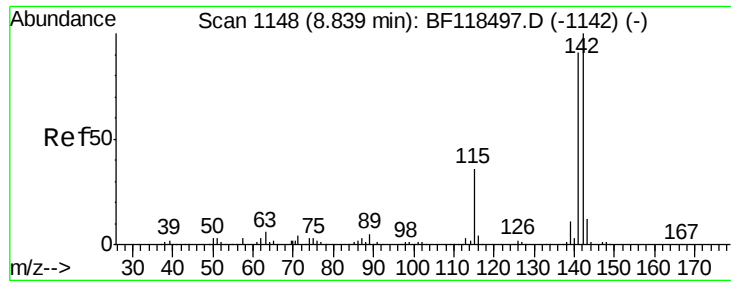
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





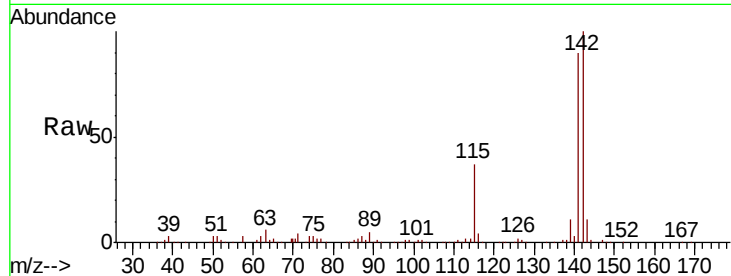
#37
2-Methylnaphthalene
Concen: 39.060 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.0	109.6
115	37.0	28.4	42.6

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

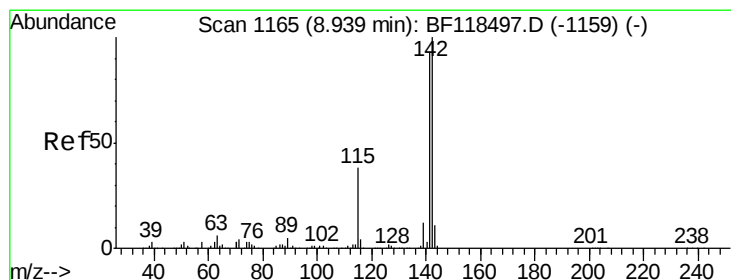
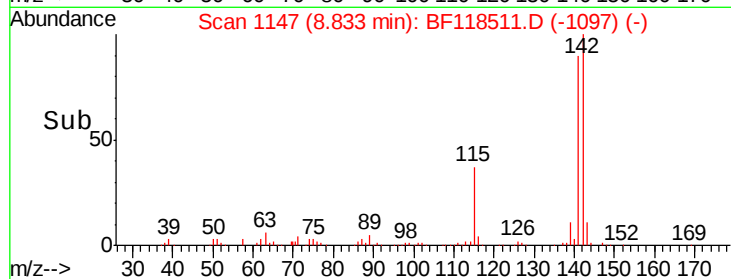
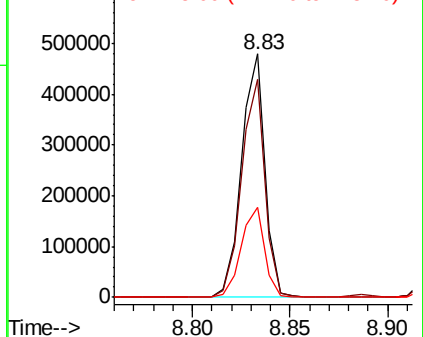


Abundance

Ion 142.00 (141.70 to 142.70): E

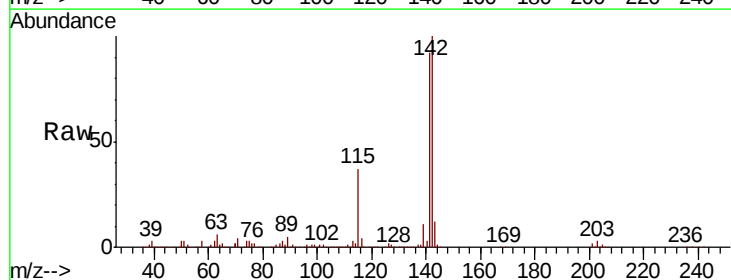
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.748 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.3	111.5
116	3.6	3.2	4.8

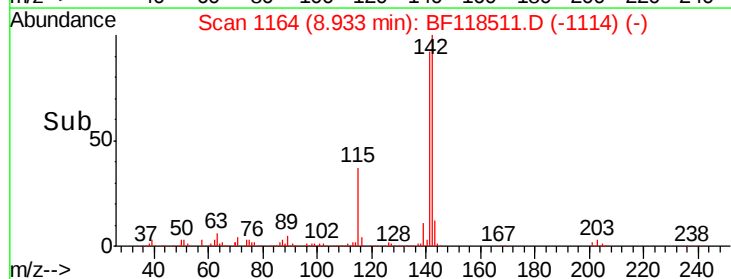
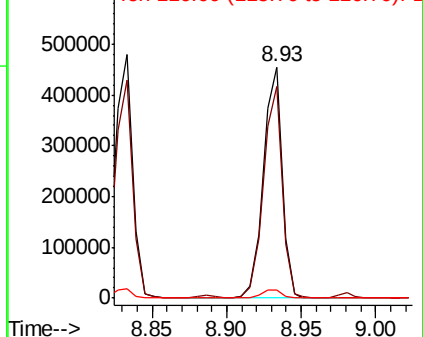


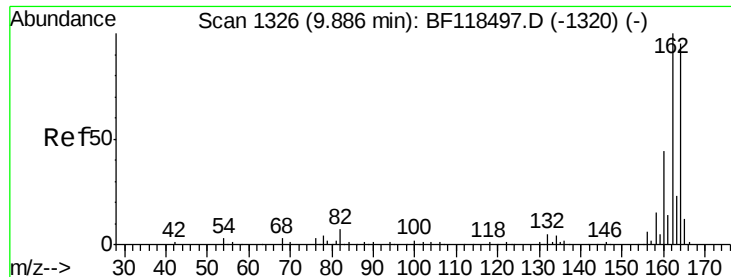
Abundance

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





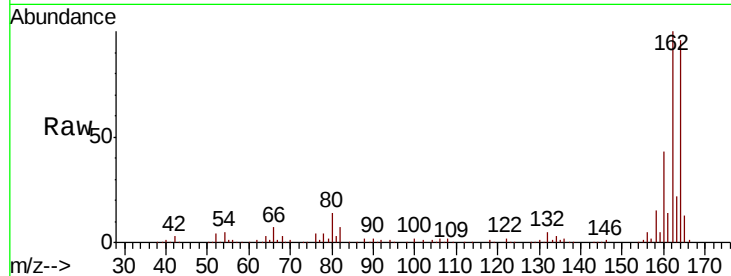
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.2	126.4
160	44.7	36.8	55.2

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

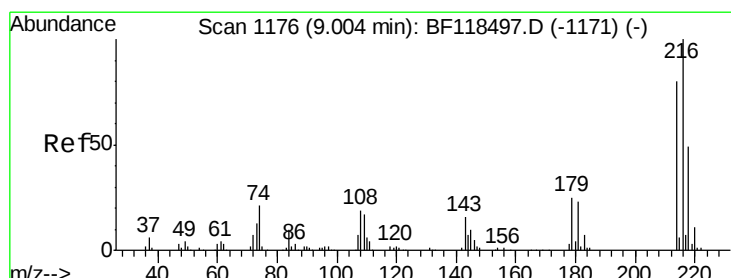
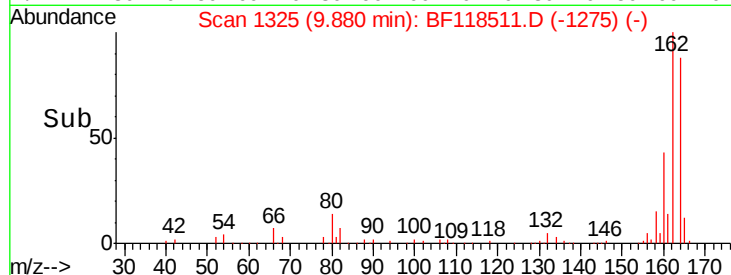
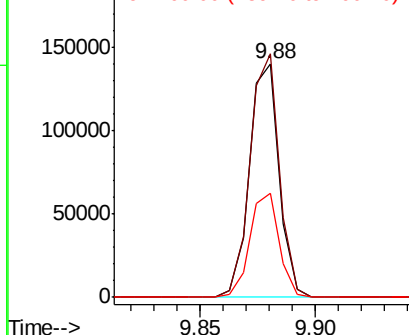


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.680 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.4	93.6
179	23.0	18.7	28.1
108	19.7	15.3	22.9

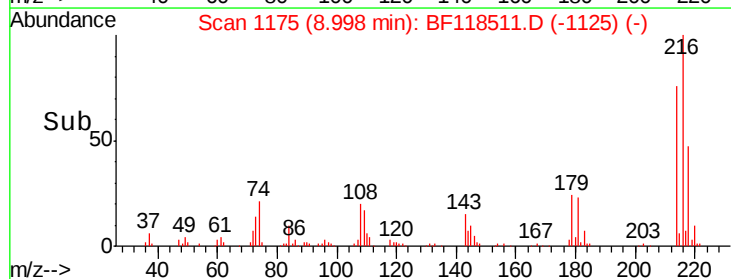
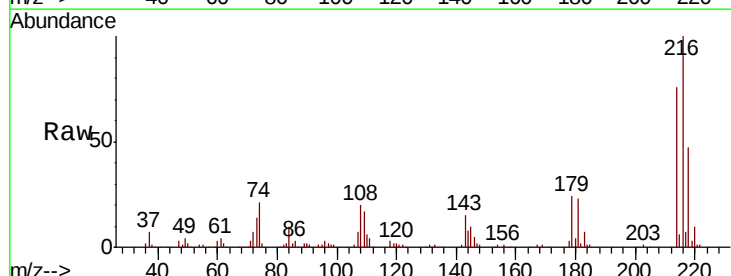
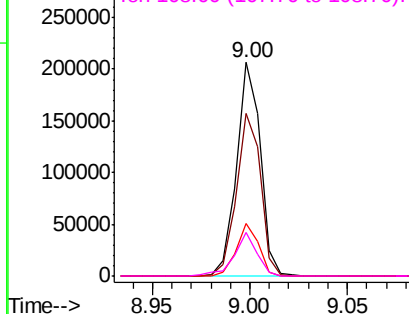
Abundance

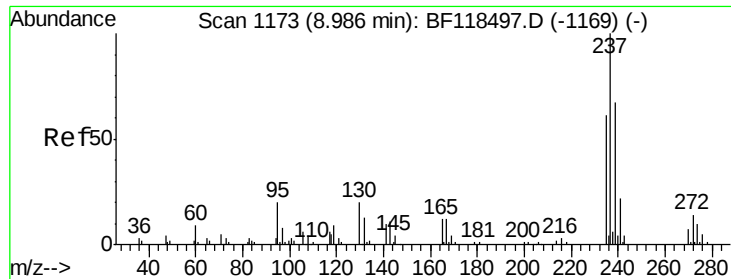
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.425 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampled :

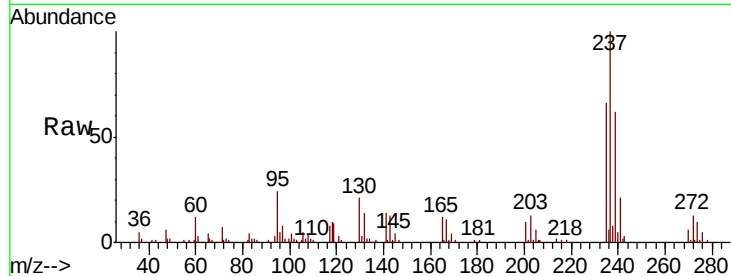
TP-4MSD

Tot Ion:	237	Resp:	54820
Ion Ratio	Lower	Upper	
237	100		
235	66.2	40.8	80.8
272	12.6	0.0	34.2

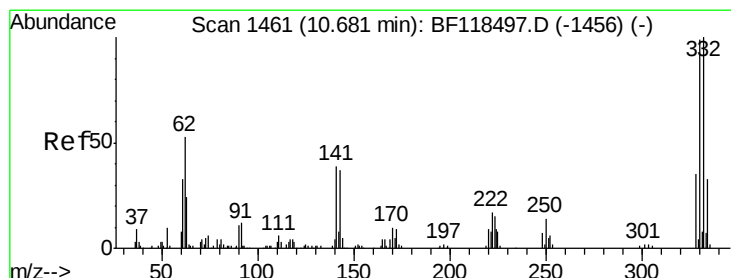
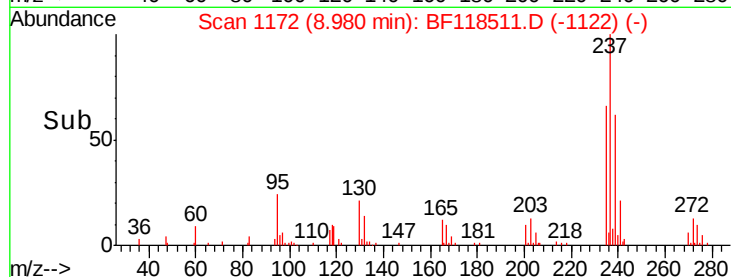
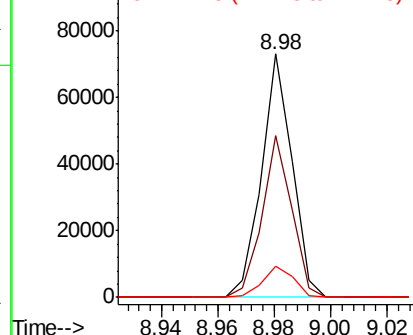
Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 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: 105.420 ng

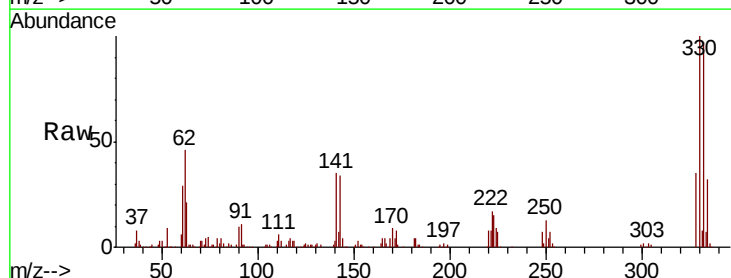
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

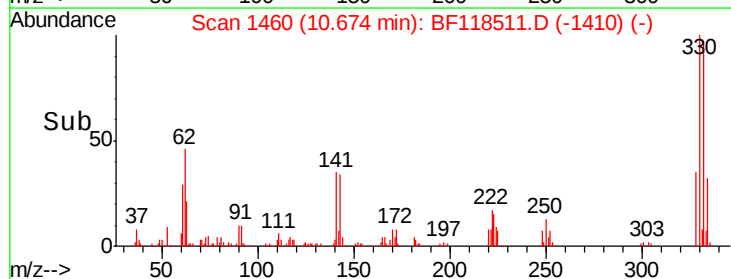
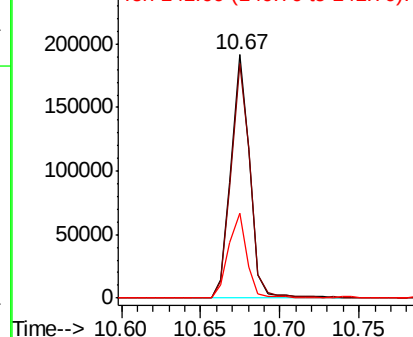
Lab File: BF118511.D

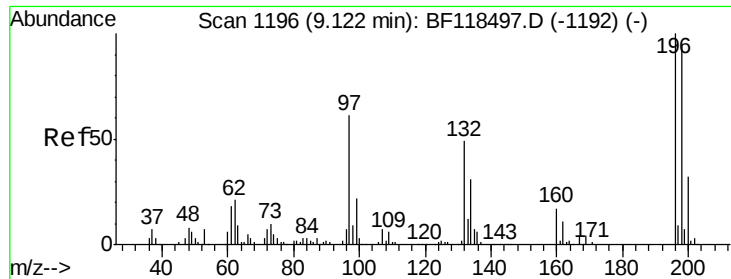
Acq: 8 Jan 2020 21:13

Tgt Ion:	330	Resp:	157669
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.9	116.9
141	35.2	28.6	43.0



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





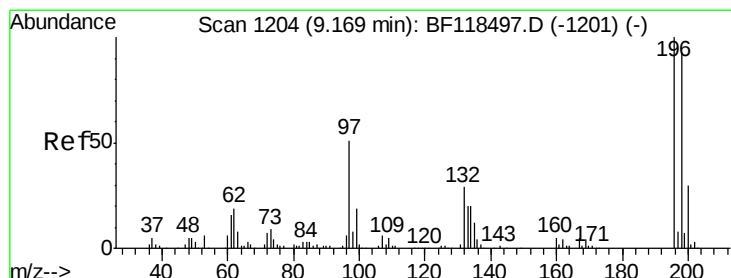
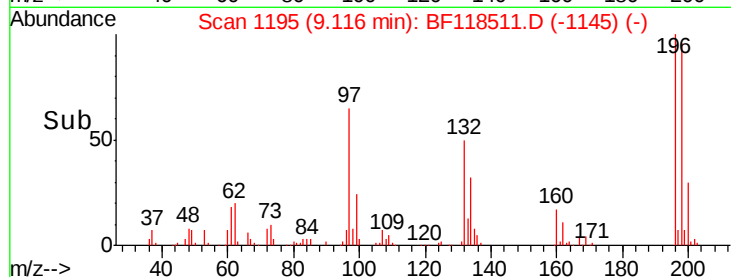
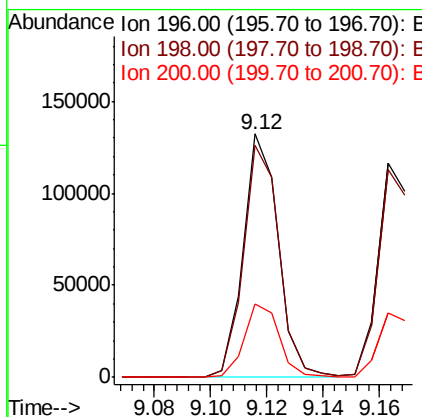
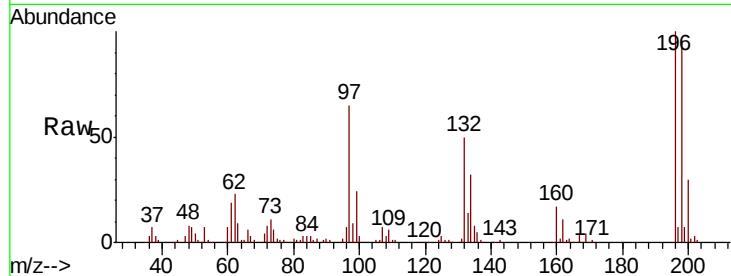
#43
 2,4,6-Trichlorophenol
 Concen: 47.384 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Tot Ion:	196	Resp:	114031
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
200	30.0	25.2	37.8

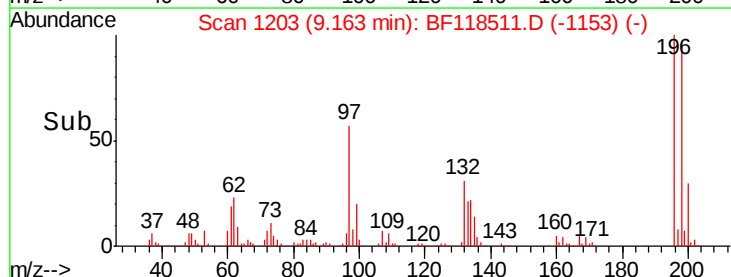
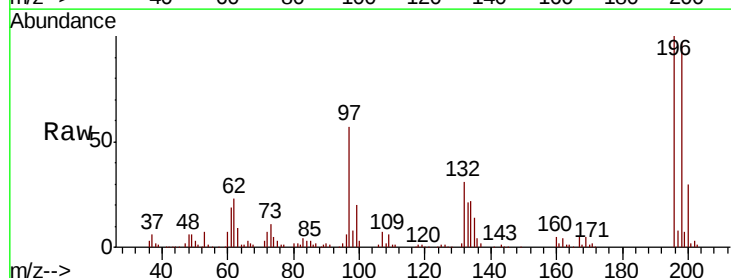
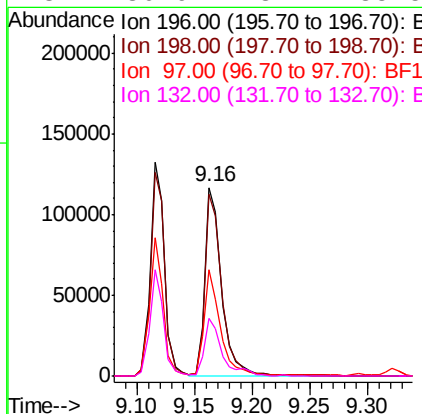
Manual Integrations
 APPROVED

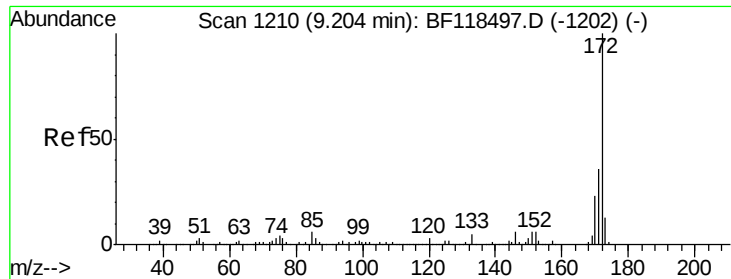
mohammad
 1/9/2020 12:11:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.974 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Tgt Ion:	196	Resp:	119472
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.7	112.1
97	56.8	40.7	61.1
132	30.9	23.7	35.5





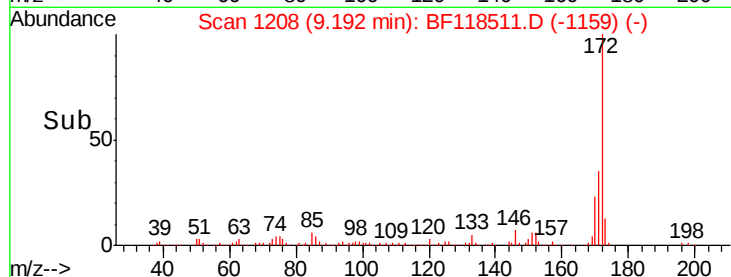
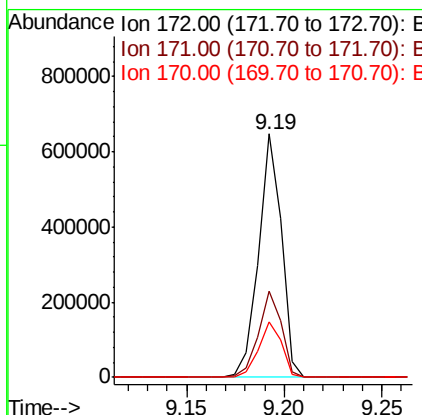
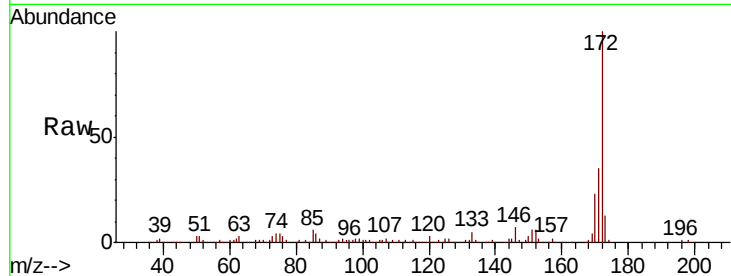
#45
2-Fluorobiphenyl
Concen: 59.611 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	22.9	18.6	27.8

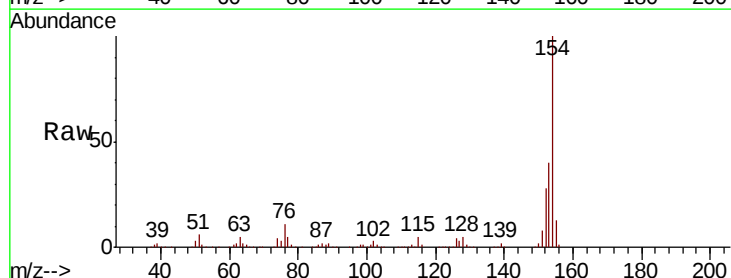
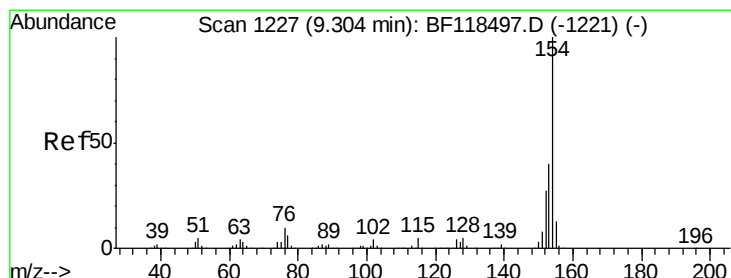
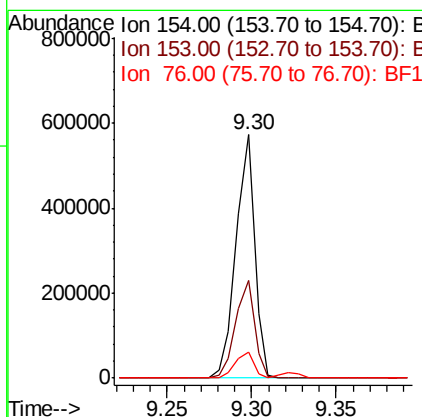
Manual Integrations
APPROVED

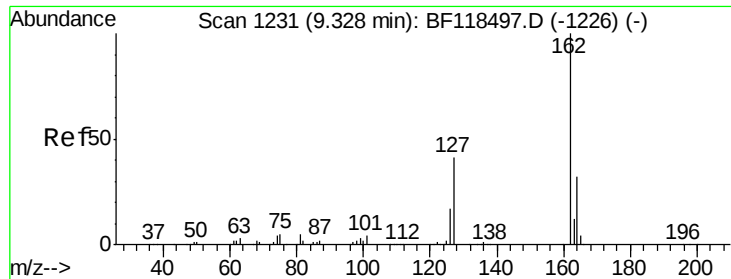
mohammad
1/9/2020 12:11:02 PM



#46
1,1'-Biphenyl
Concen: 42.612 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	10.6	0.0	30.4





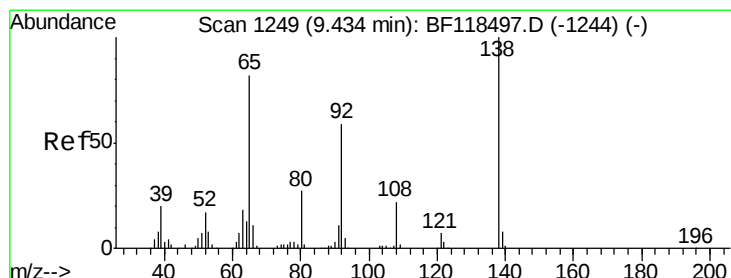
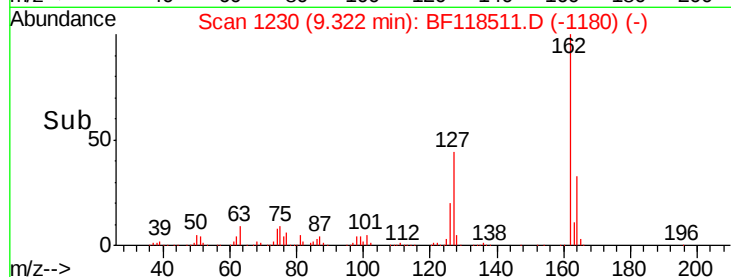
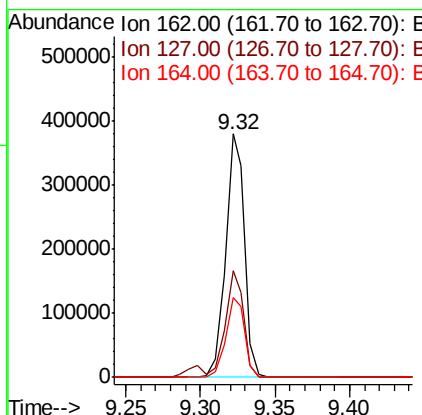
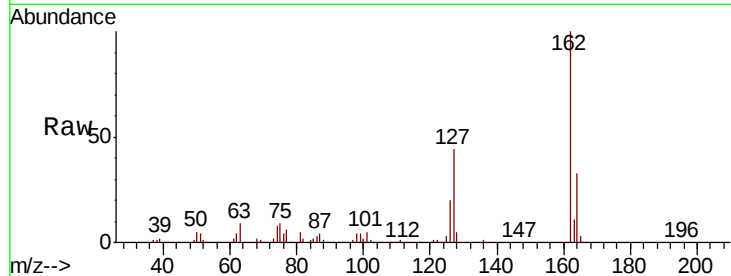
#47
 2-Chloronaphthalene
 Concen: 41.514 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Instrument :
 BNA_F
 ClientSampled :
 TP-4MSD

Tot Ion:	162	Resp:	340285
Ion Ratio	Lower	Upper	
162	100		
127	43.8	35.5	53.3
164	32.8	25.8	38.8

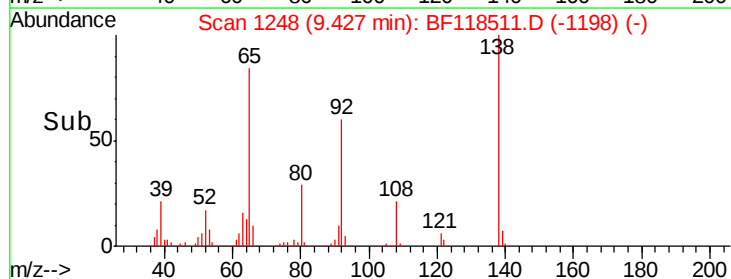
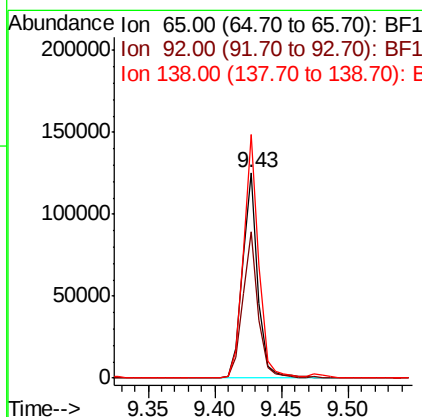
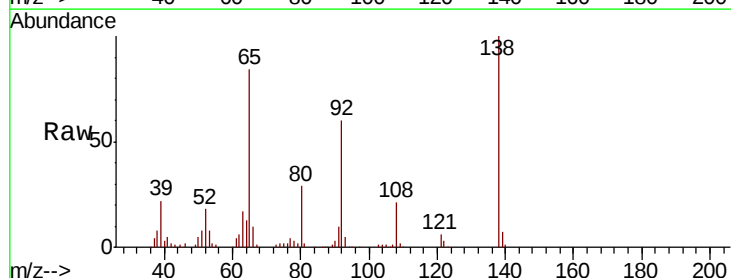
Manual Integrations
 APPROVED

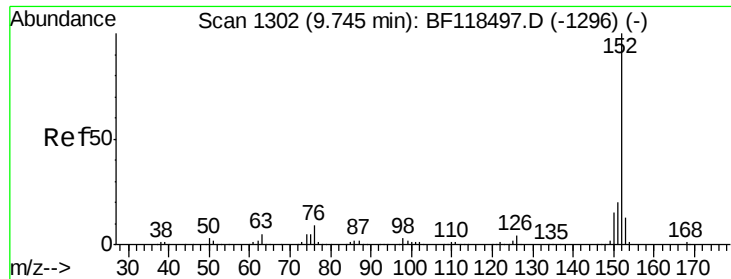
mohammad
 1/9/2020 12:11:02 PM



#48
 2-Nitroaniline
 Concen: 42.239 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Tgt Ion:	65	Resp:	100051
Ion Ratio	Lower	Upper	
65	100		
92	71.4	57.7	86.5
138	118.6	97.2	145.8





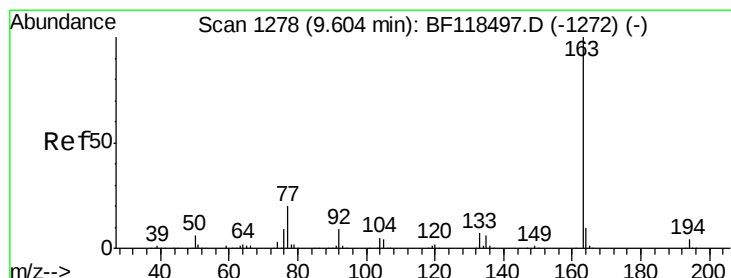
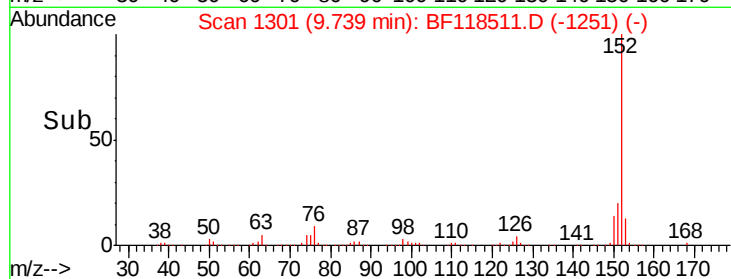
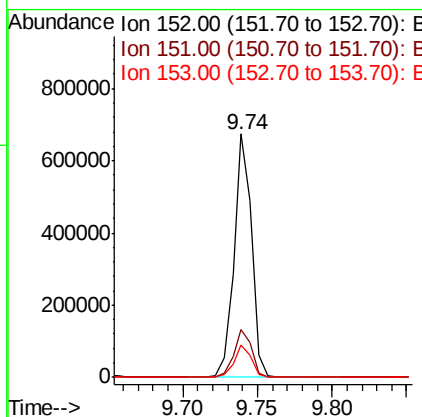
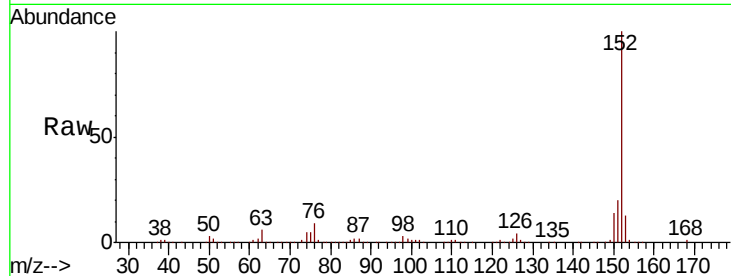
#49
Acenaphthylene
Concen: 45.768 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	13.1	10.6	16.0

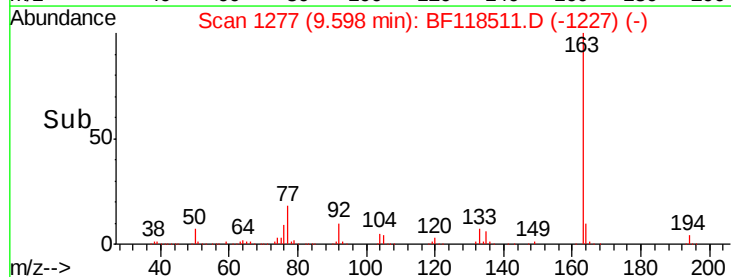
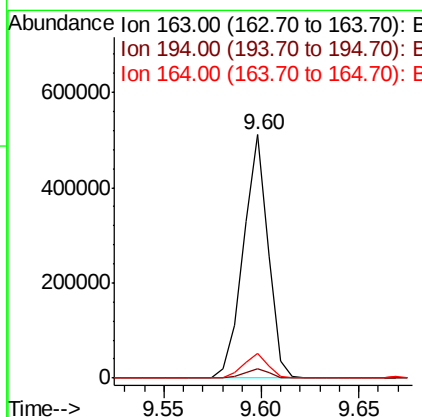
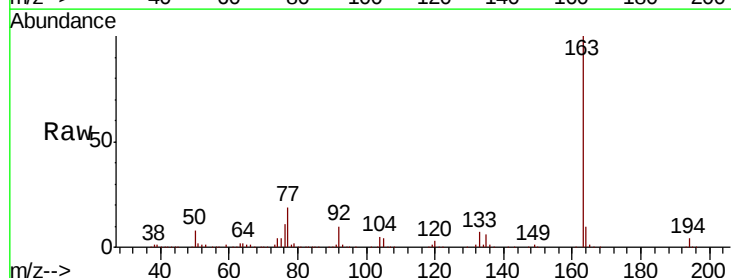
Manual Integrations
APPROVED

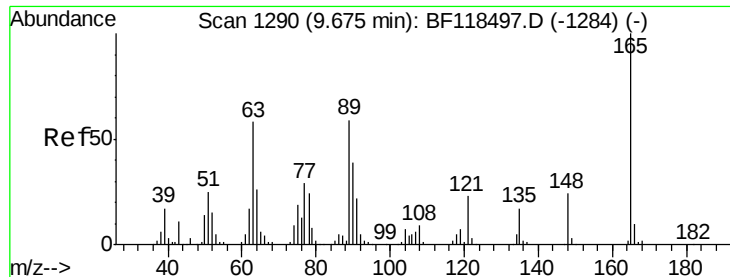
mohammad
1/9/2020 12:11:02 PM



#50
Dimethylphthalate
Concen: 45.986 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 43.135 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampled :

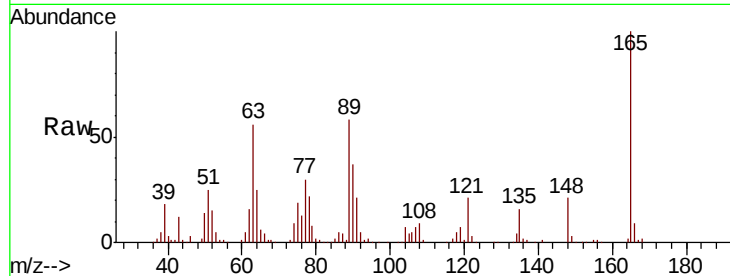
TP-4MSD

Tot Ion:	165	Resp:	90367
Ion Ratio	Lower	Upper	
165	100		
63	55.6	46.6	70.0
89	57.9	47.5	71.3

Manual Integrations
APPROVED

mohammad

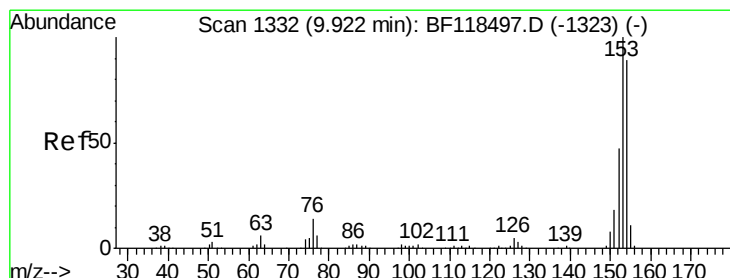
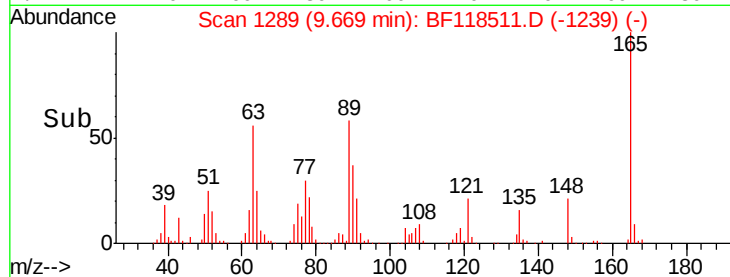
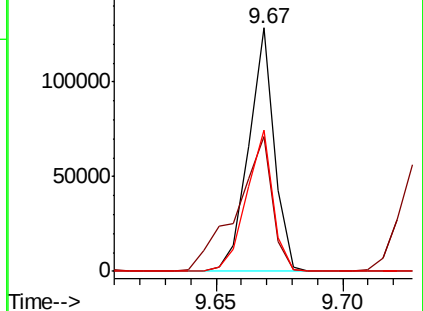
1/9/2020 12:11:02 PM



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: 48.863 ng

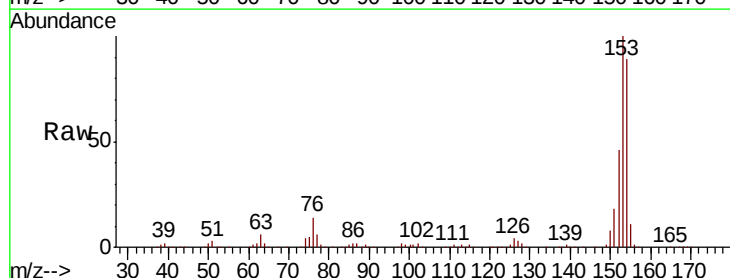
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

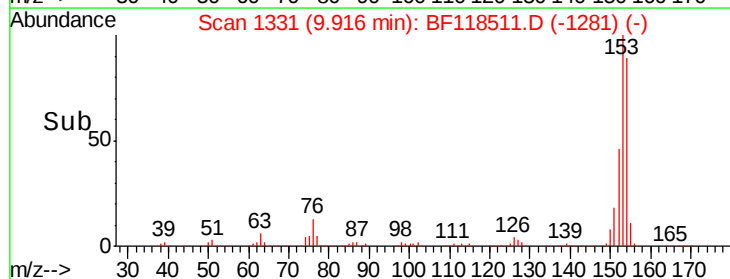
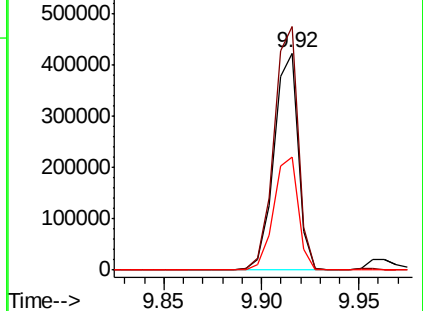
Tgt Ion:	154	Resp:	364078
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.7	134.5
152	52.1	41.9	62.9

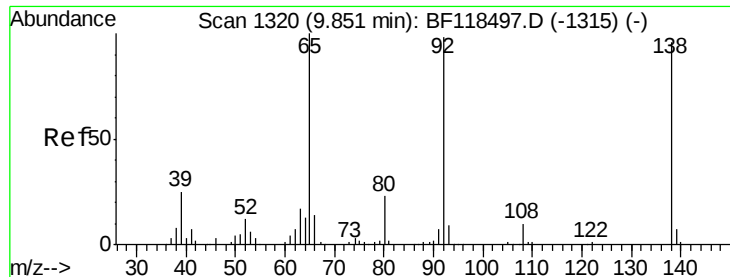


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





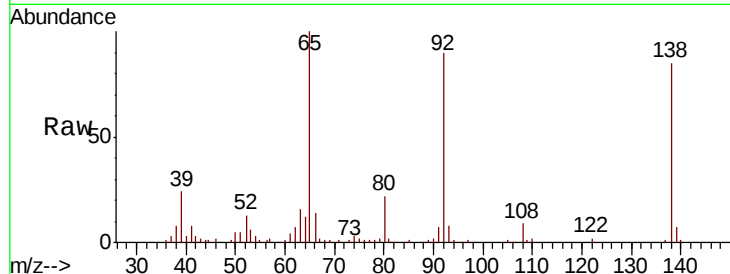
#53
3-Nitroaniline
Concen: 20.782 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

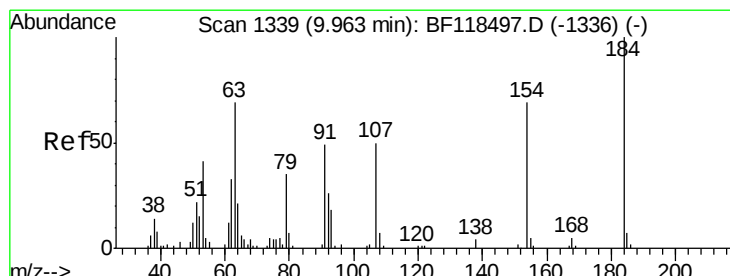
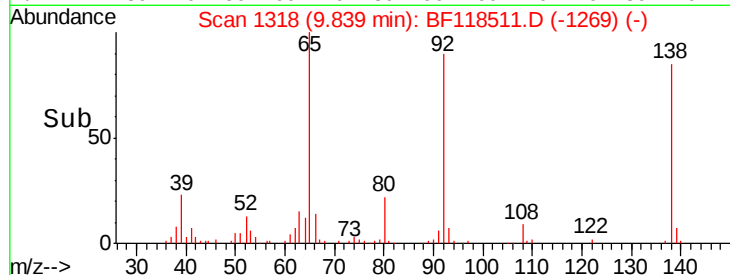
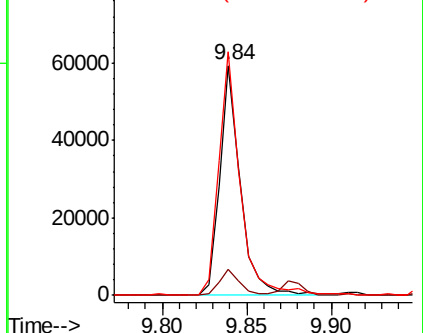
Tot Ion:138 Resp: 51000
Ion Ratio Lower Upper
138 100
108 11.1 8.1 12.1
92 106.0 81.6 122.4

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

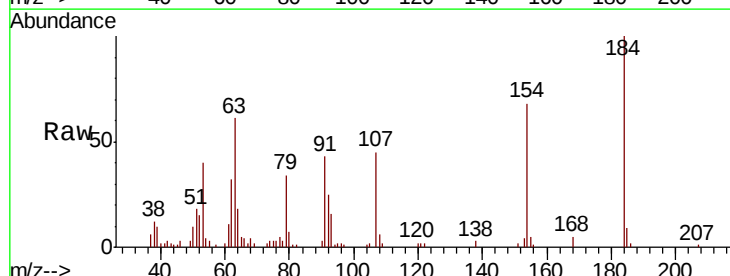


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

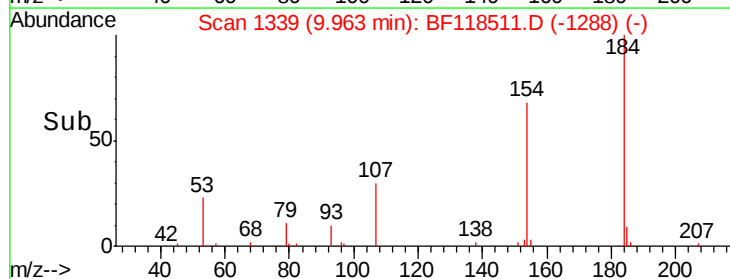
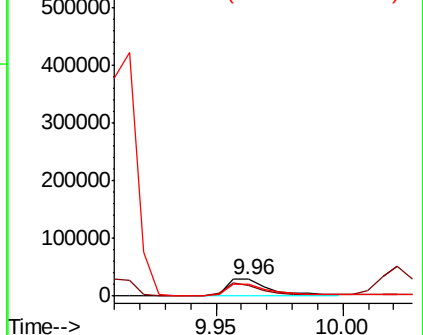


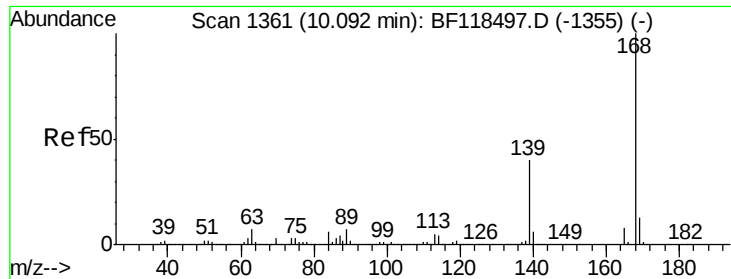
#54
2,4-Dinitrophenol
Concen: 41.711 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion:184 Resp: 35848
Ion Ratio Lower Upper
184 100
63 60.6 55.3 82.9
154 68.4 55.0 82.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





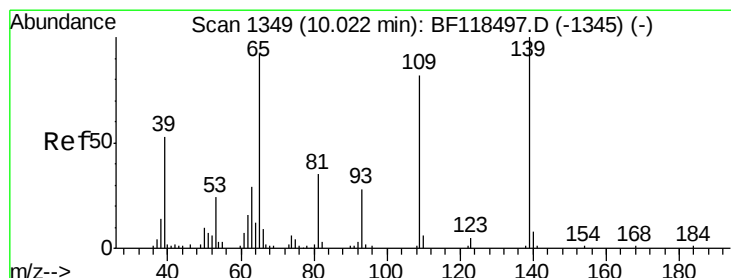
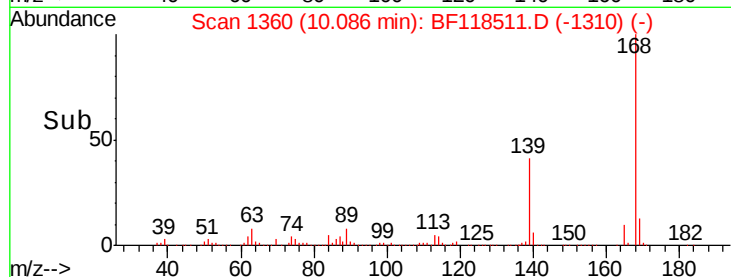
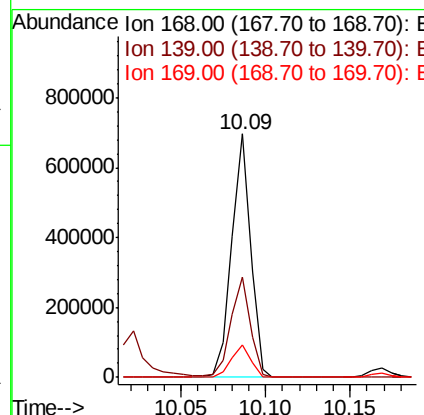
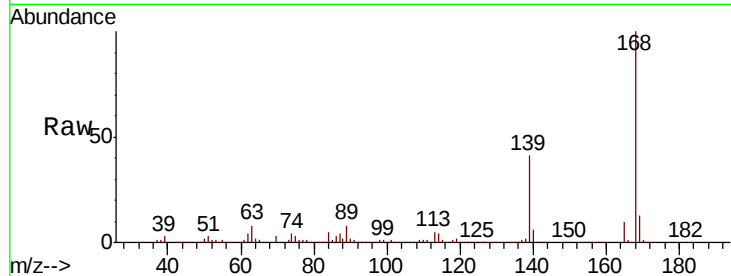
#55
Dibenzenofuran
Concen: 48.511 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.5	48.7
169	13.2	10.6	16.0

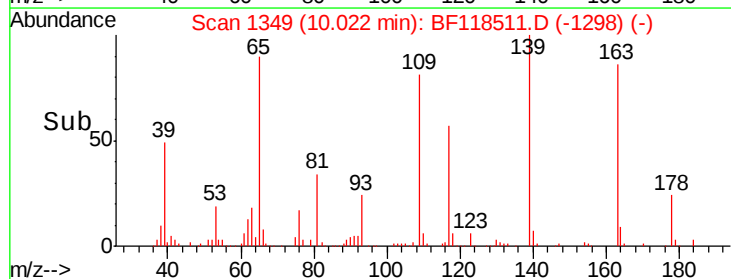
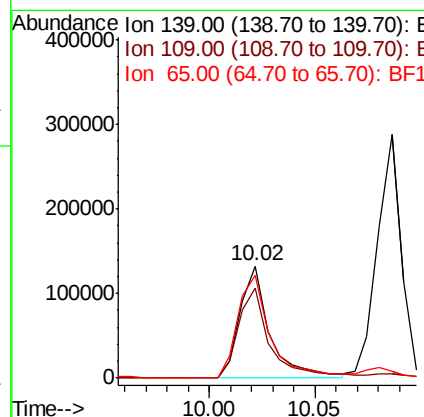
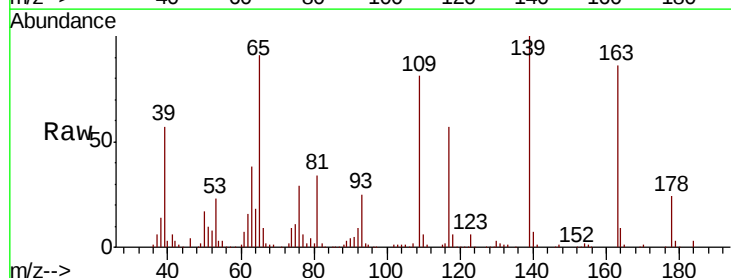
Manual Integrations
APPROVED

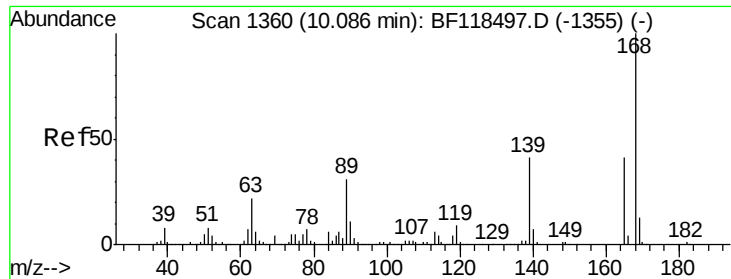
mohammad
1/9/2020 12:11:02 PM



#56
4-Nitrophenol
Concen: 110.632 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.7	62.2	102.2
65	91.4	72.8	112.8





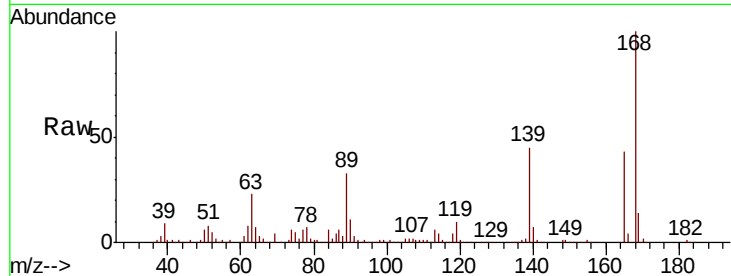
#57
 2,4-Dinitrotoluene
 Concen: 46.767 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Instrument :
 BNA_F
 ClientSampled :
 TP-4MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	44.1	66.1
89	75.7	60.4	90.6
182	2.7	2.0	3.0

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:11:02 PM



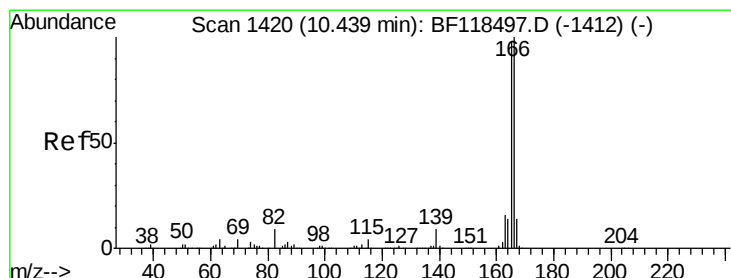
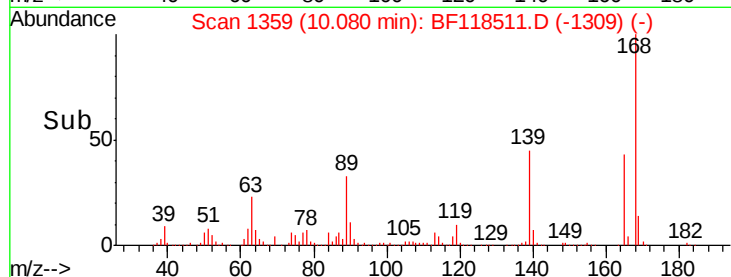
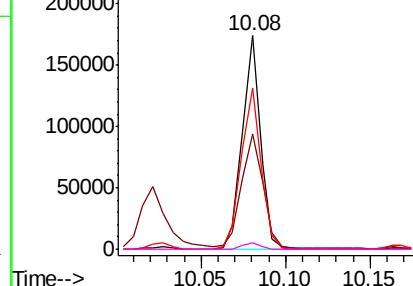
Abundance

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: 49.384 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

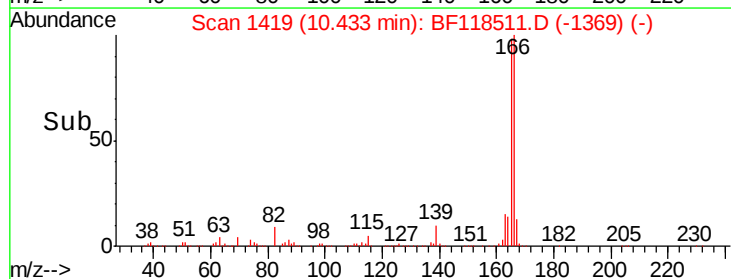
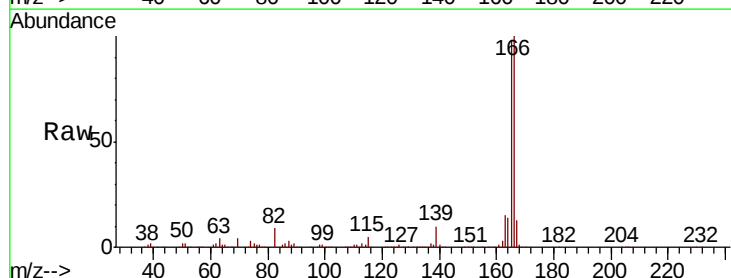
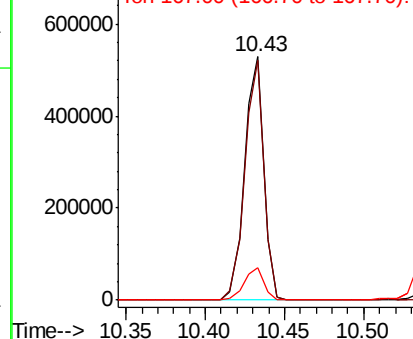
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.2	10.8	16.2

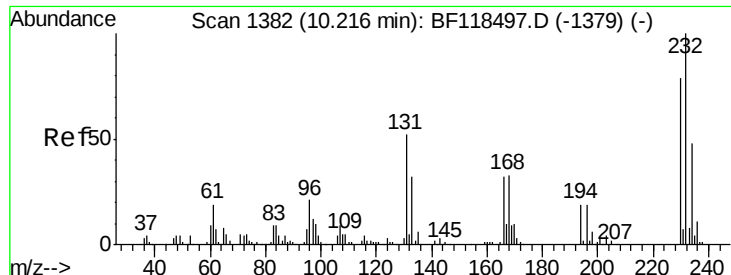
Abundance

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





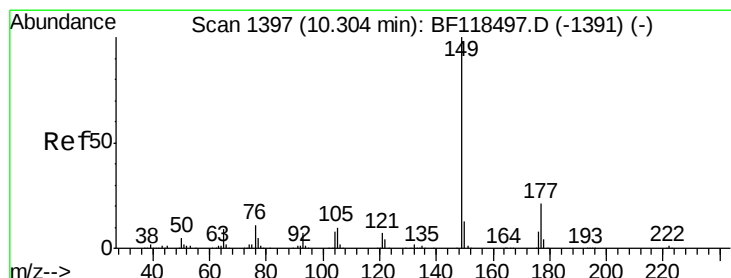
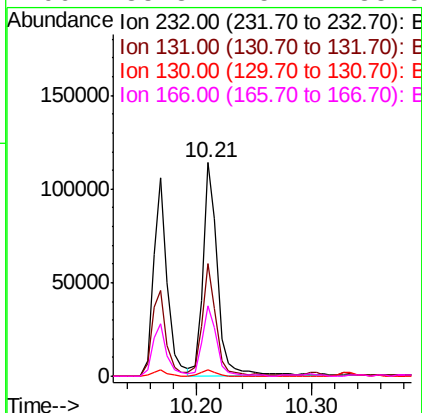
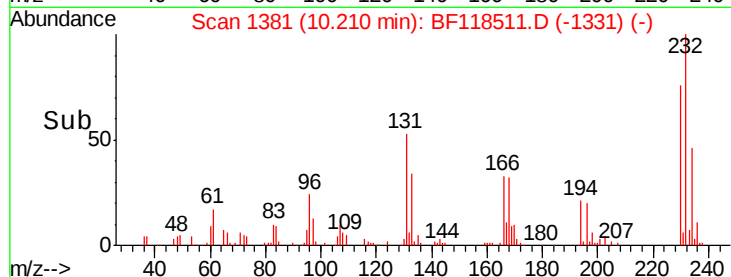
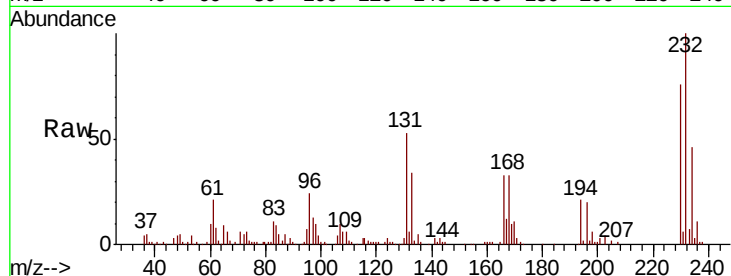
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.214 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	42.2	63.4
130	2.9	2.1	3.1
166	33.3	25.7	38.5

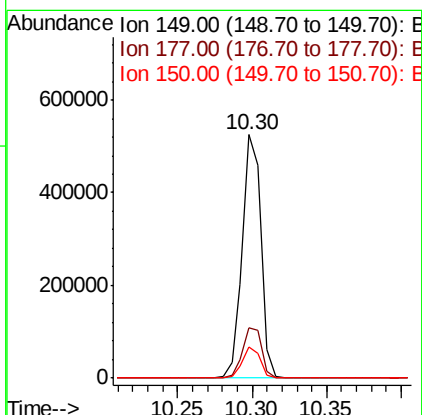
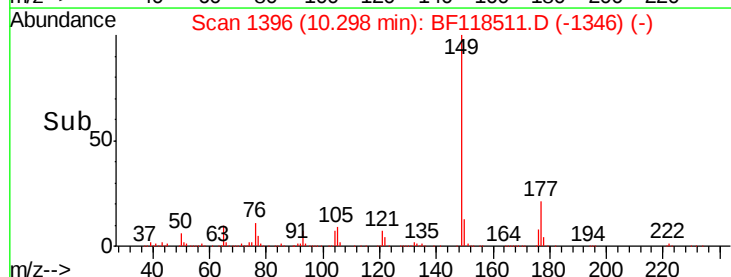
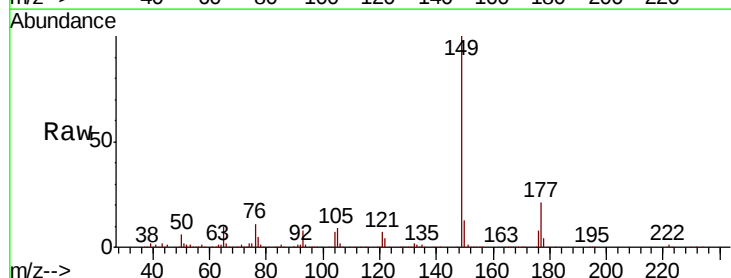
Manual Integrations
APPROVED

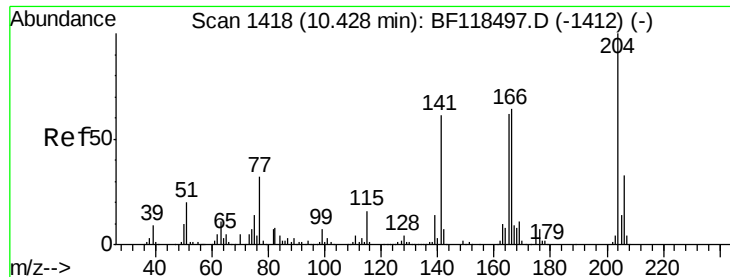
mohammad
1/9/2020 12:11:02 PM



#60
Diethylphthalate
Concen: 46.060 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.5	24.7
150	12.6	10.2	15.2





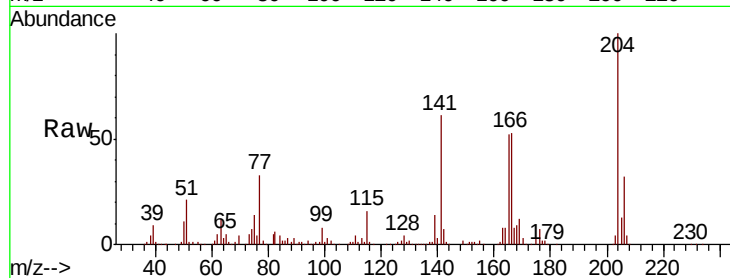
#61
4-Chlorophenyl-phenylether
Concen: 45.877 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	60.6	49.0	73.6

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

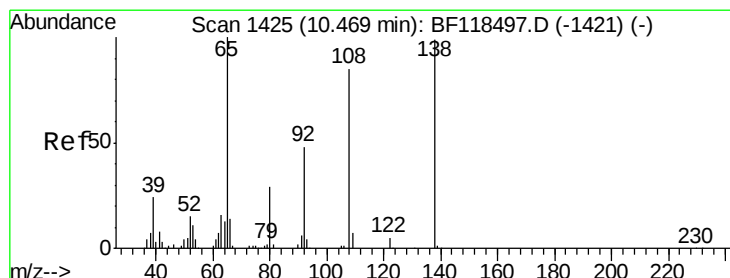
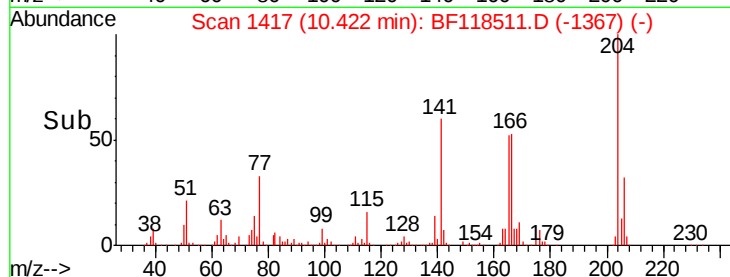
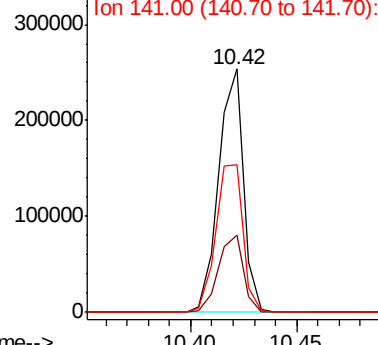


Abundance

Ion 204.00 (203.70 to 204.70): E

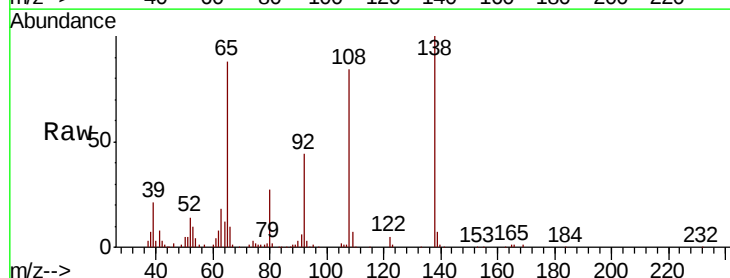
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.693 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.0	27.9	67.9
108	83.9	64.7	104.7

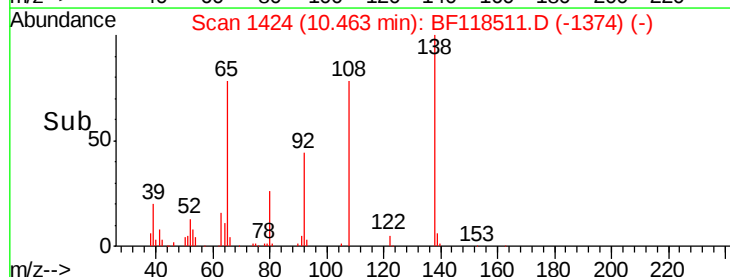
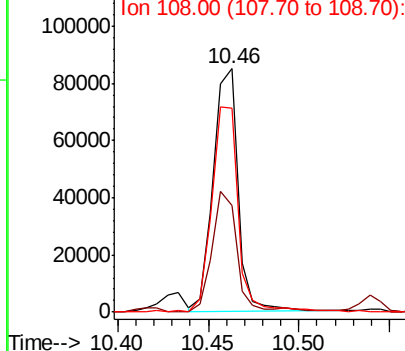


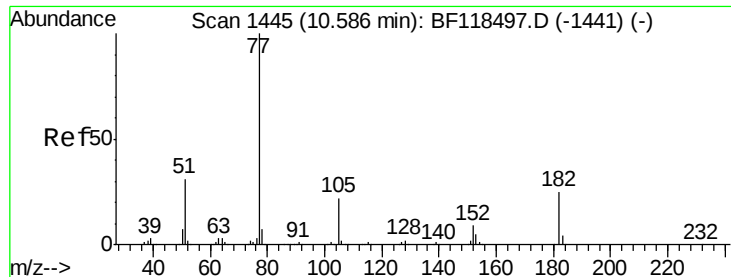
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





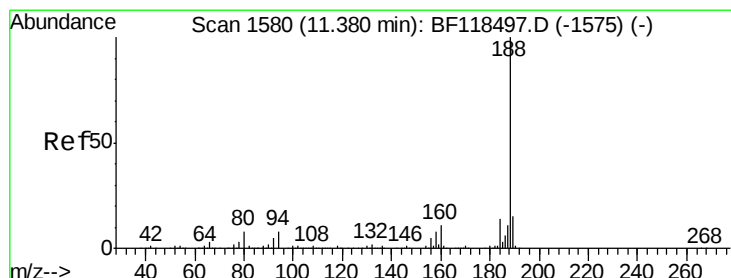
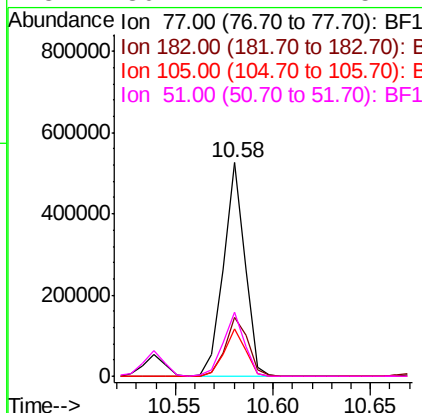
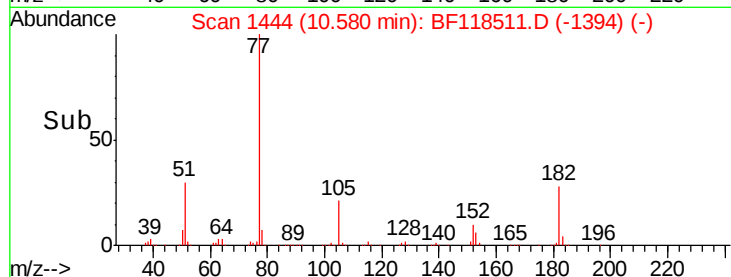
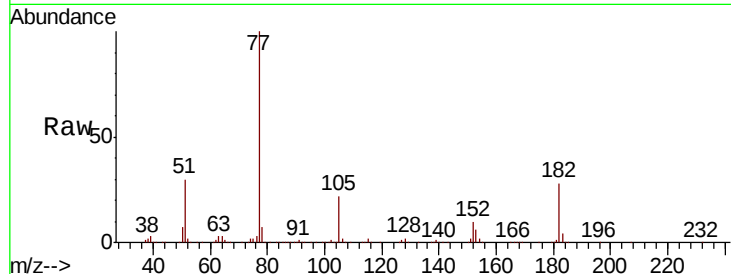
#63
Azobenzene
Concen: 47.319 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.2	45.2
105	22.0	1.7	41.7
51	30.1	11.2	51.2

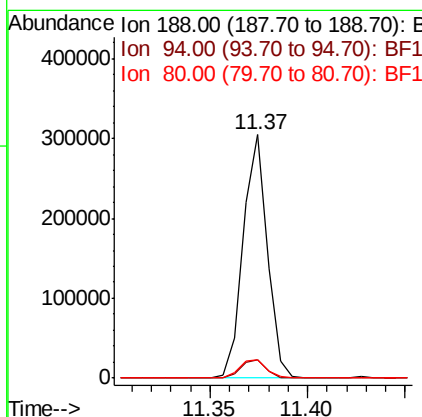
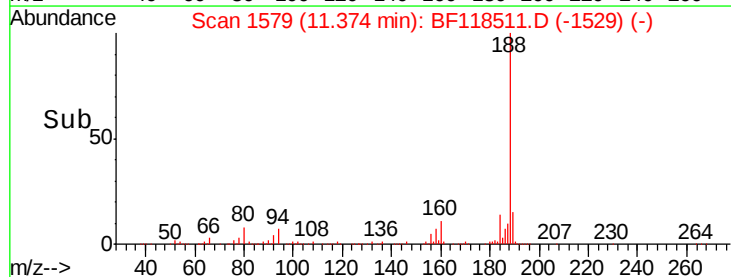
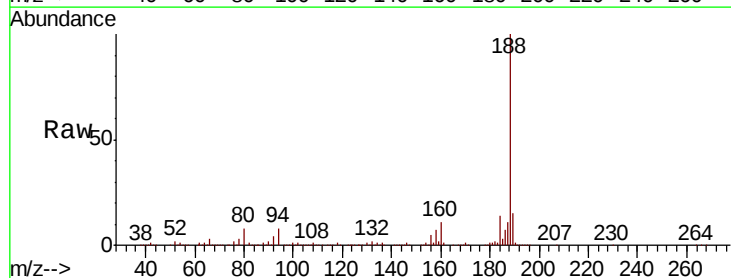
Manual Integrations
APPROVED

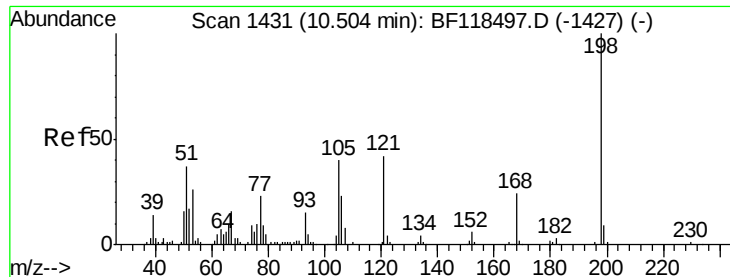
mohammad
1/9/2020 12:11:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	7.6	6.6	10.0





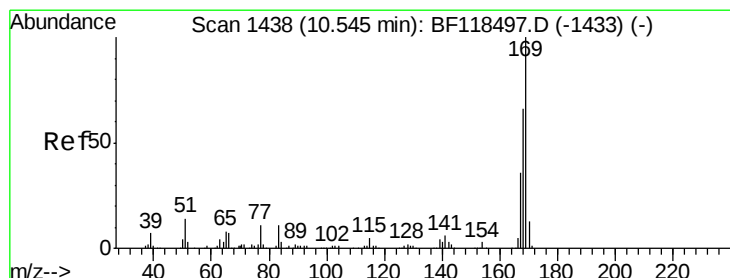
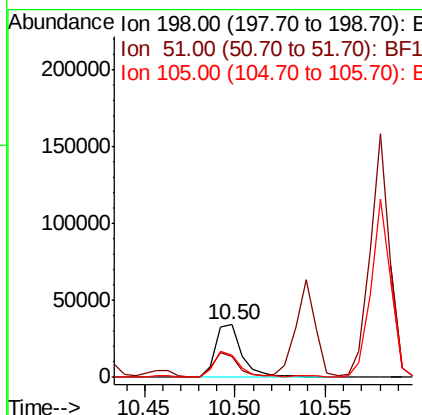
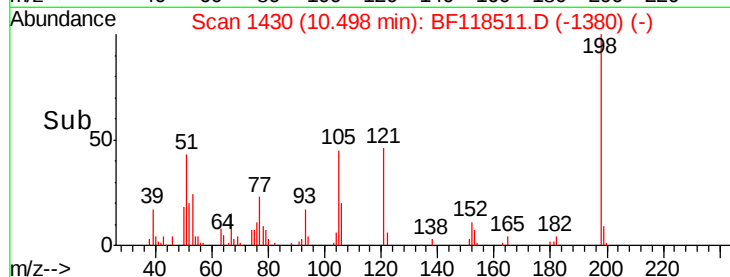
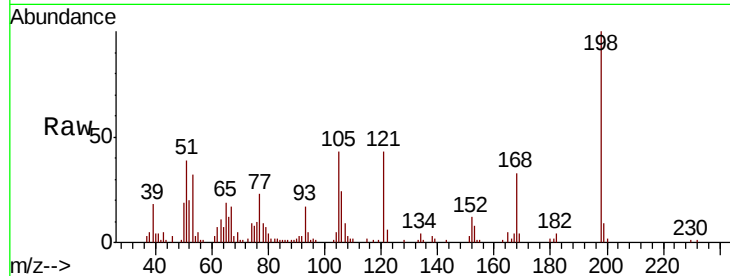
#65
4,6-Dinitro-2-methylphenol
Concen: 25.318 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.4	17.8	57.8
105	42.9	20.1	60.1

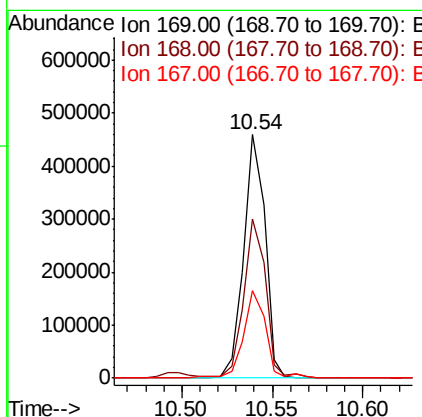
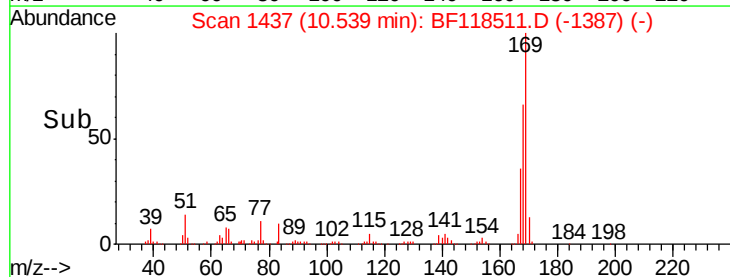
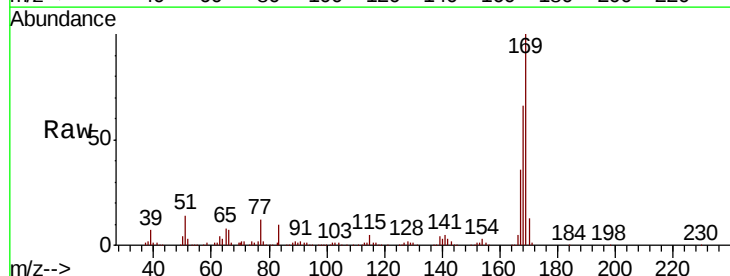
Manual Integrations
APPROVED

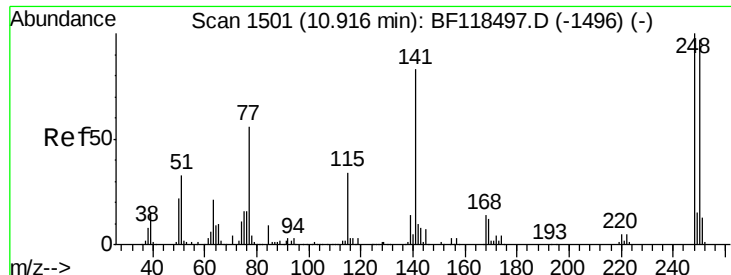
mohammad
1/9/2020 12:11:02 PM



#66
n-Nitrosodiphenylamine
Concen: 44.076 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.4	80.2
167	35.9	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 46.344 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampled :

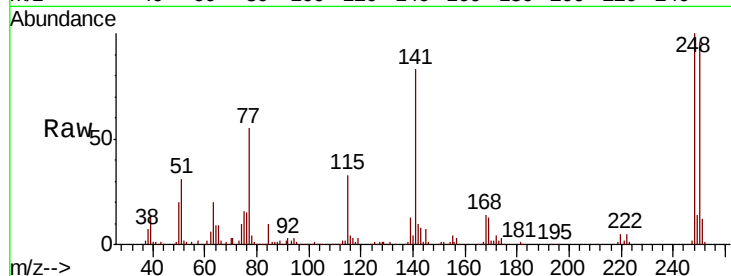
TP-4MSD

Tot Ion:	248	Resp:	141978
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.4	116.0
141	83.1	66.2	99.4

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM

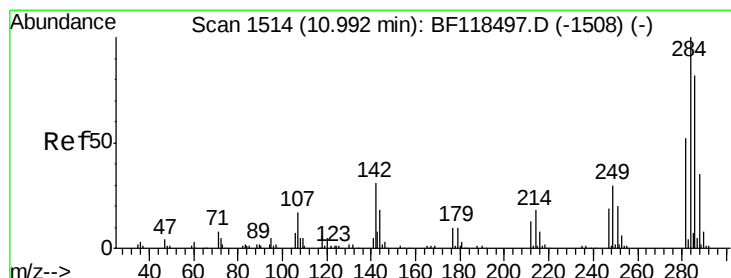
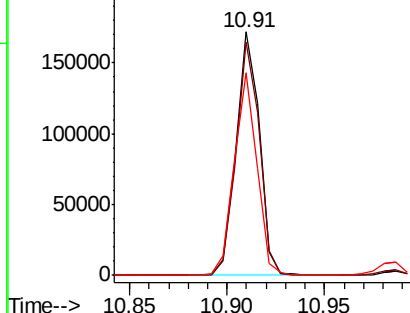
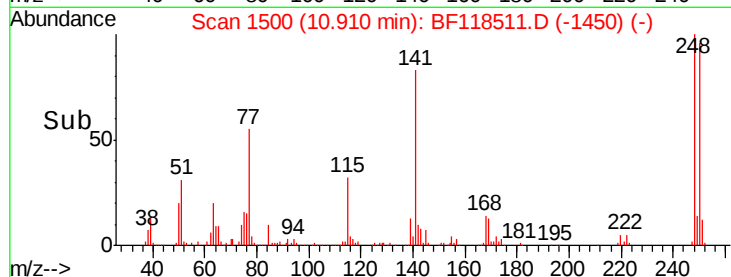


Abundance

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: 40.668 ng

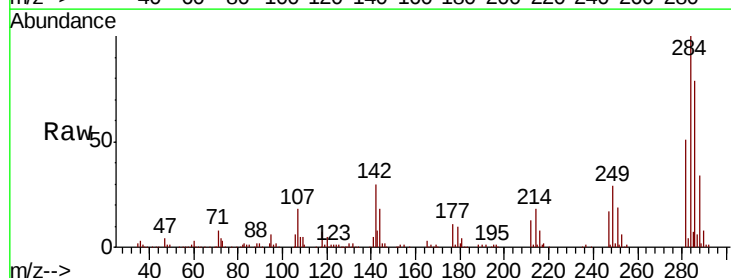
RT: 10.99 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion:	284	Resp:	148781
Ion Ratio	Lower	Upper	
284	100		
142	30.3	24.6	37.0
249	29.0	24.0	36.0

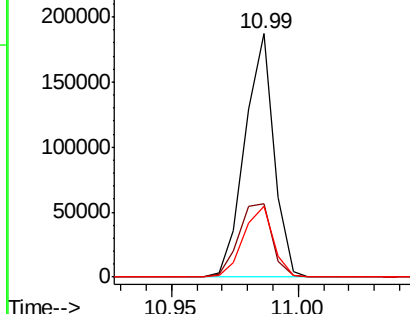
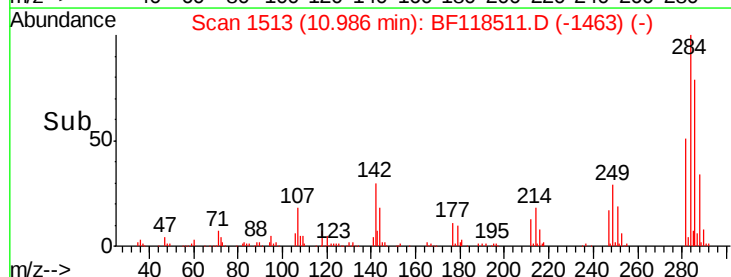


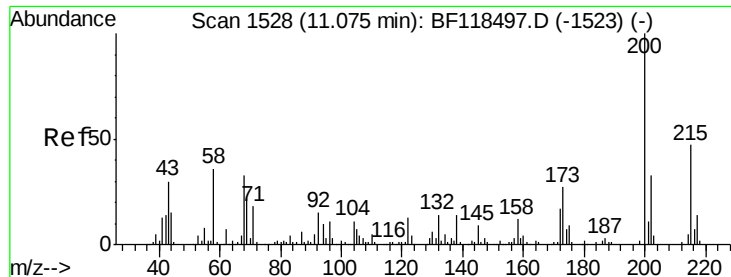
Abundance

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





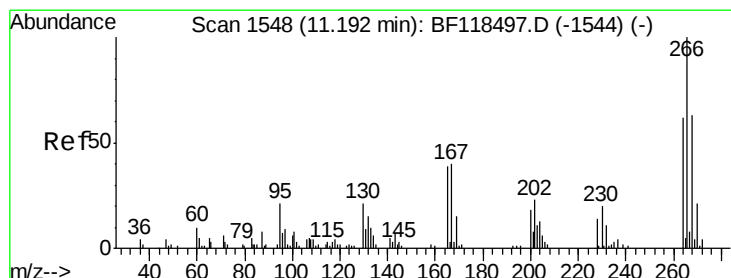
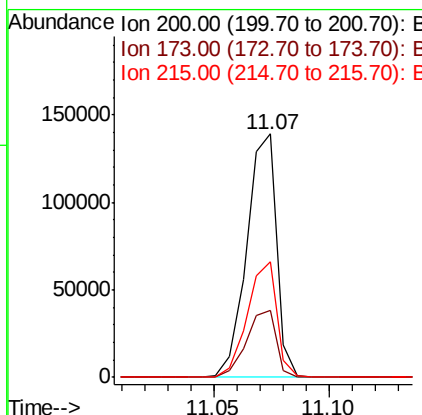
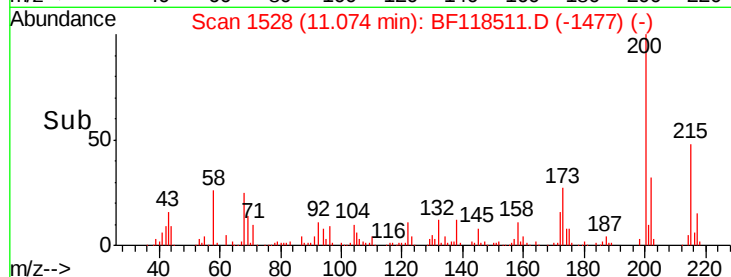
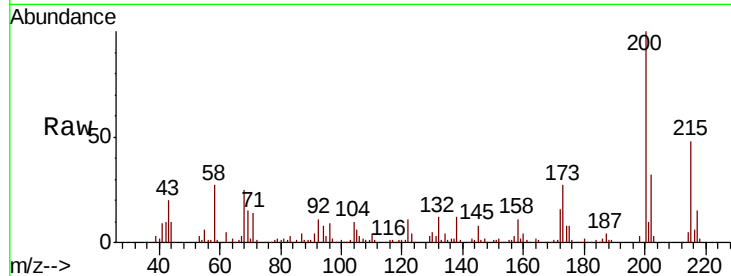
#69
Atrazine
Concen: 49.680 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	7.0	47.0
215	47.5	27.0	67.0

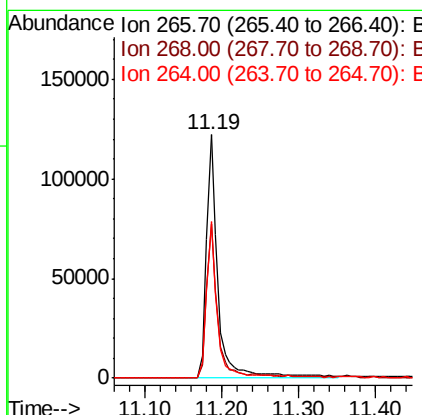
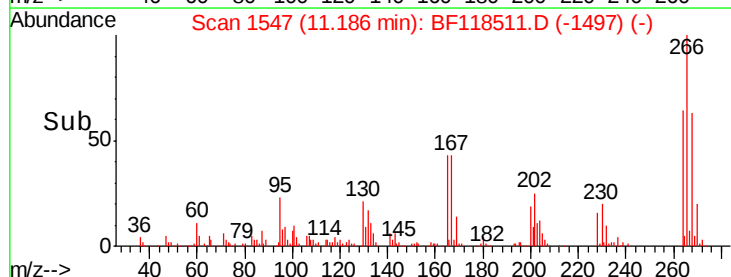
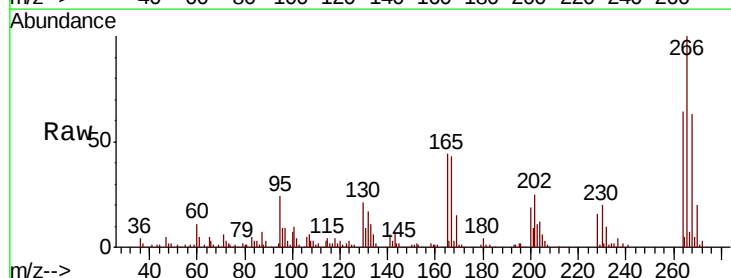
Manual Integrations
APPROVED

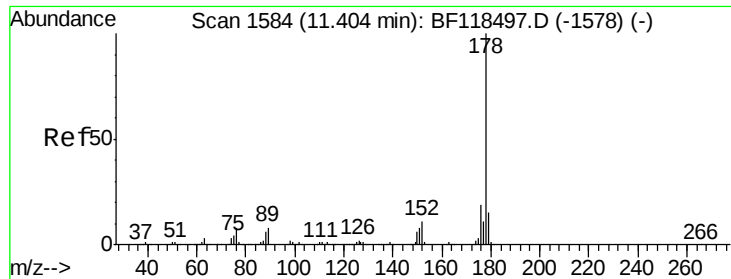
mohammad
1/9/2020 12:11:02 PM



#70
Pentachlorophenol
Concen: 107.252 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	50.2	75.2
264	64.5	49.4	74.0





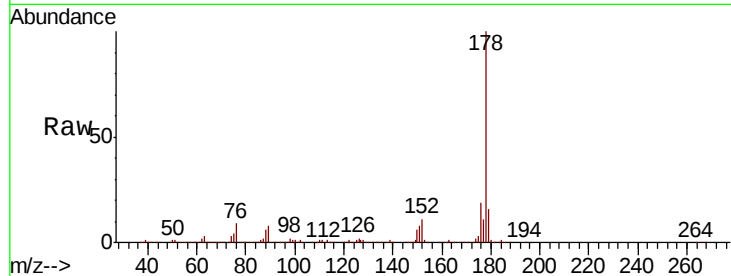
#71
Phenanthrene
Concen: 62.967 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

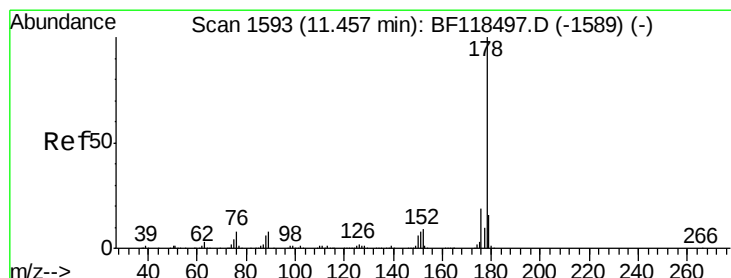
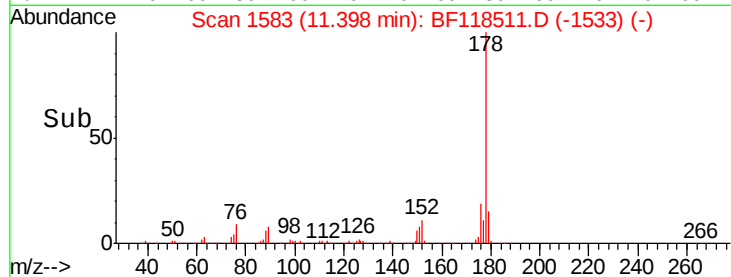
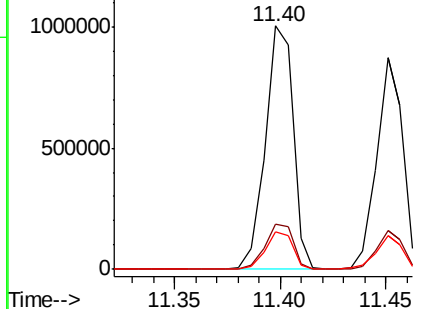
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.6	12.3	18.5

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM



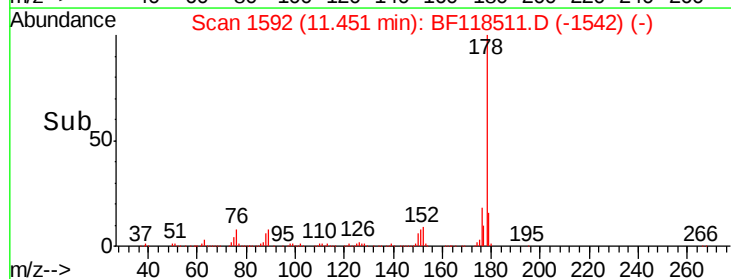
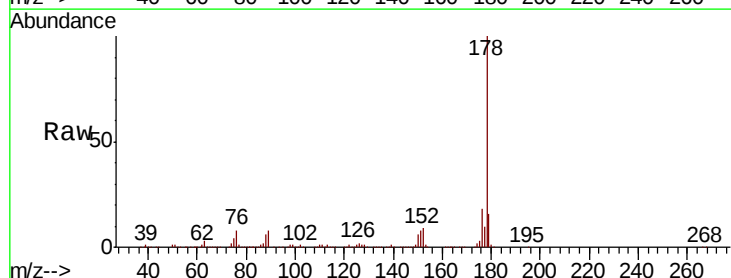
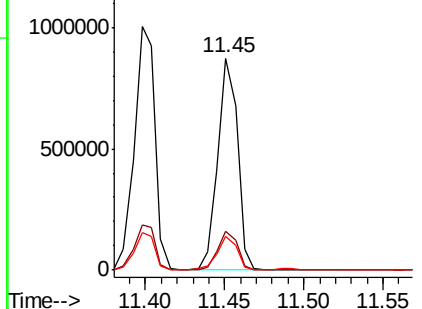
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

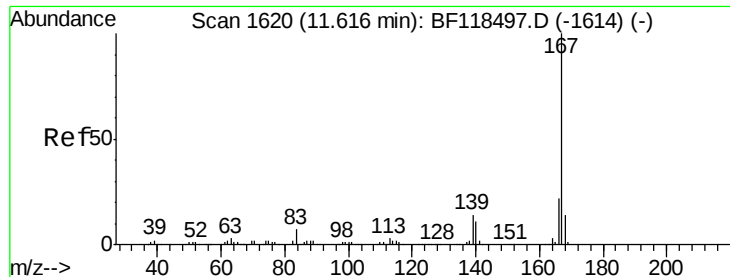


#72
Anthracene
Concen: 51.957 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.6	12.6	19.0

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





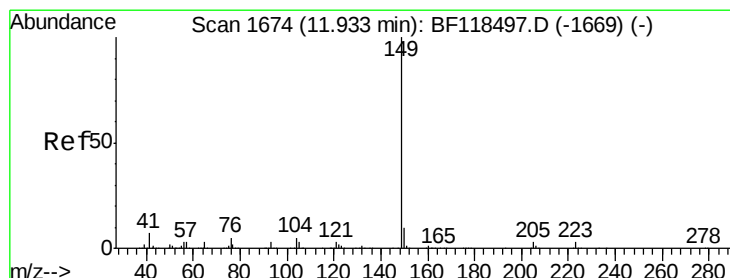
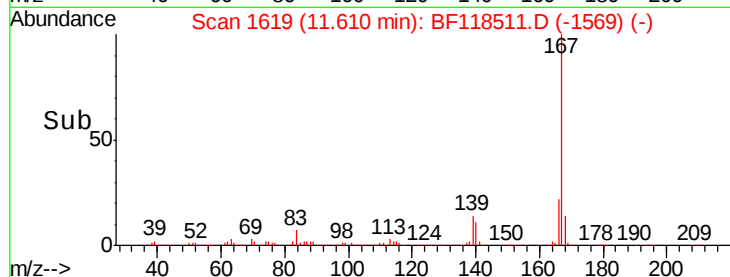
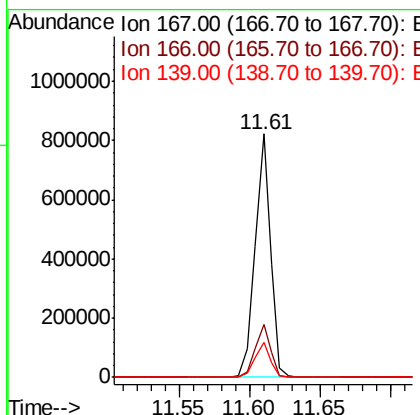
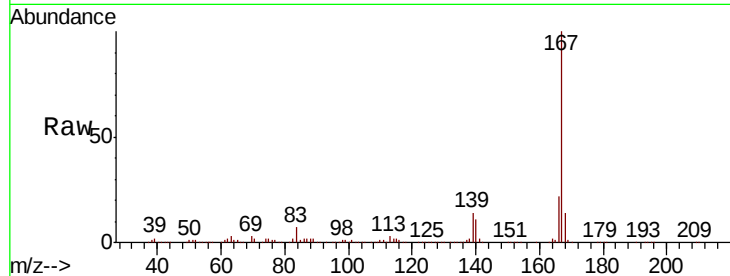
#73
 Carbazole
 Concen: 50.144 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Instrument :
 BNA_F
 ClientSampled :
 TP-4MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	14.2	10.9	16.3

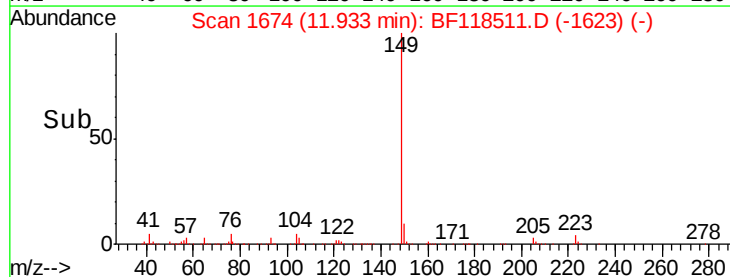
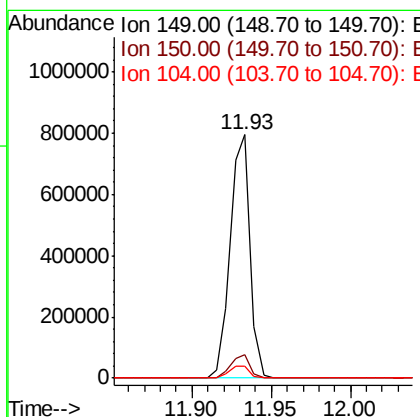
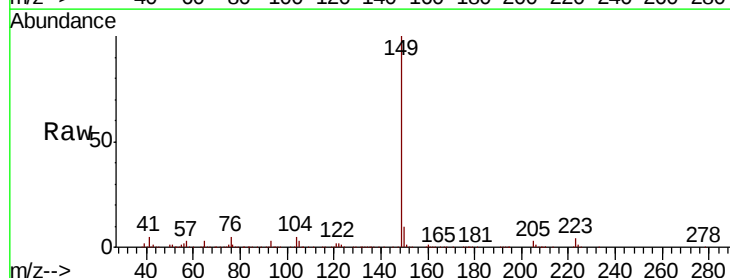
Manual Integrations
 APPROVED

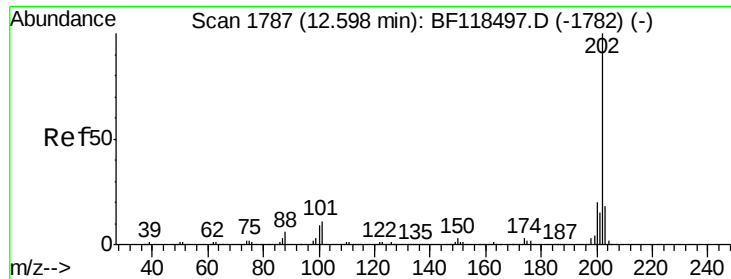
mohammad
 1/9/2020 12:11:02 PM



#74
 Di-n-butylphthalate
 Concen: 40.667 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 53.805 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampleId :

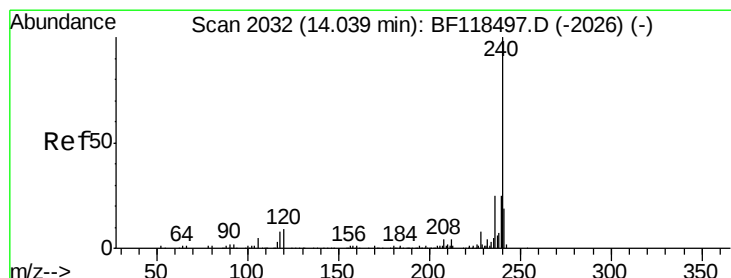
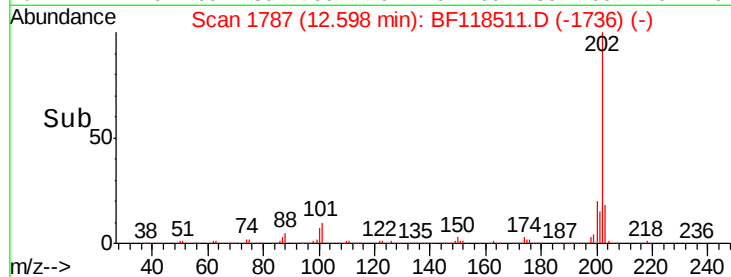
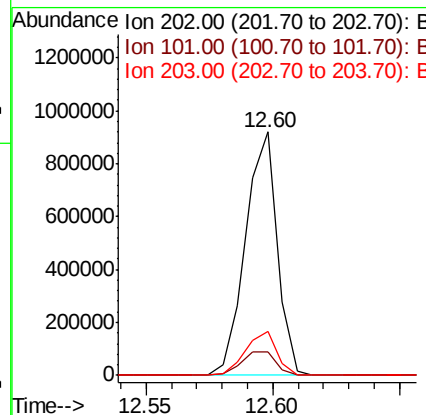
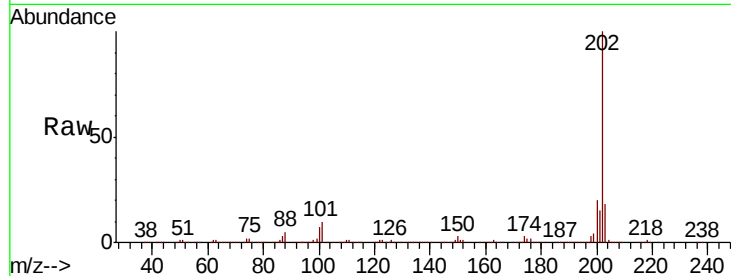
TP-4MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.9	0.0	38.1

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



#76

Chrysene-d12

Concen: 20.000 ng

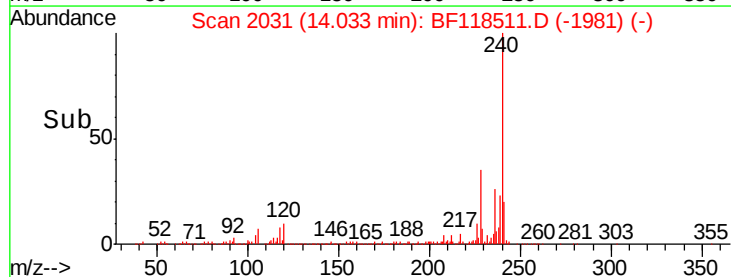
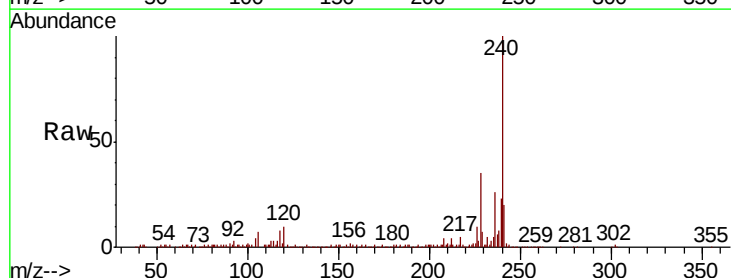
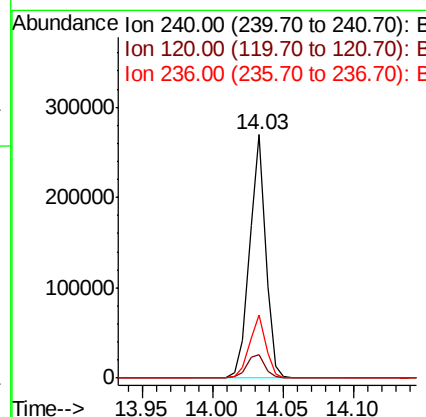
RT: 14.03 min Scan# 2031

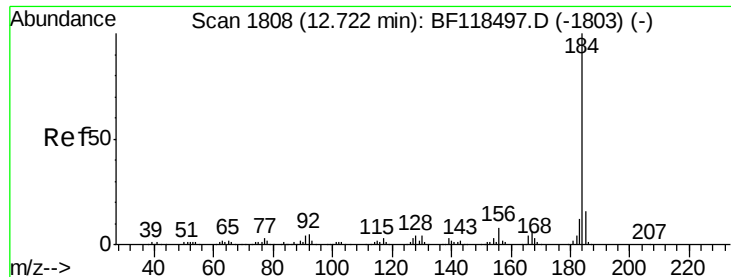
Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	7.0	10.6
236	26.0	20.1	30.1





#77

Benzidine

Concen: 62.515 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tot Ion:184 Resp: 315768

Ion Ratio Lower Upper

184 100

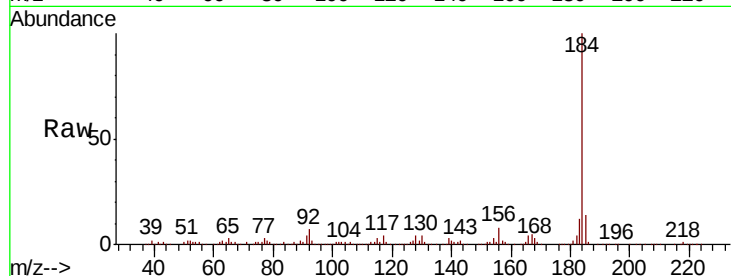
185 14.2 12.6 18.8

183 11.8 9.3 13.9

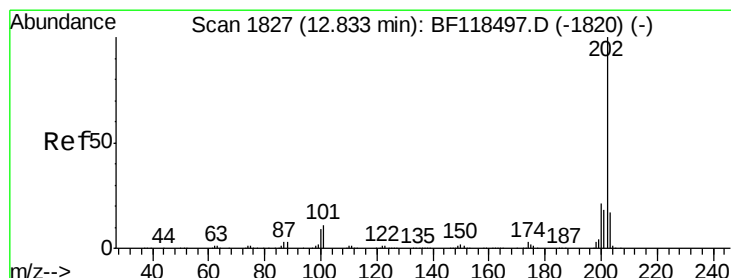
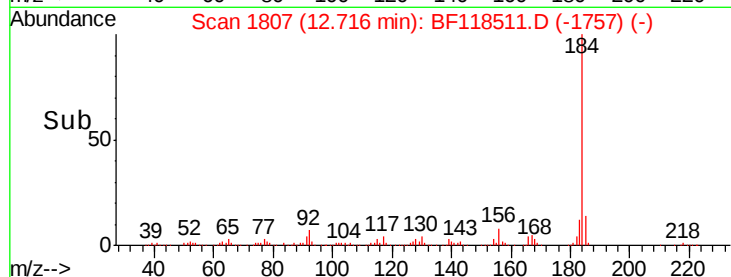
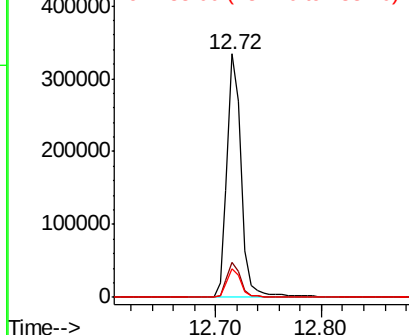
Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.524 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

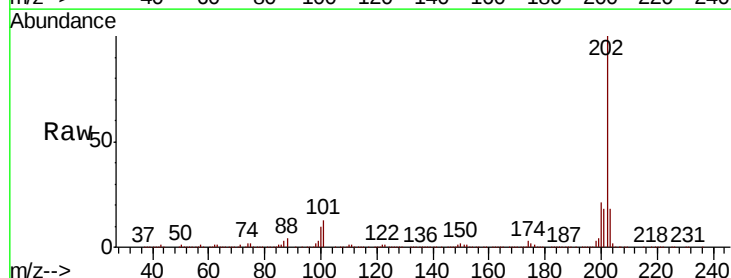
Tgt Ion:202 Resp: 821298

Ion Ratio Lower Upper

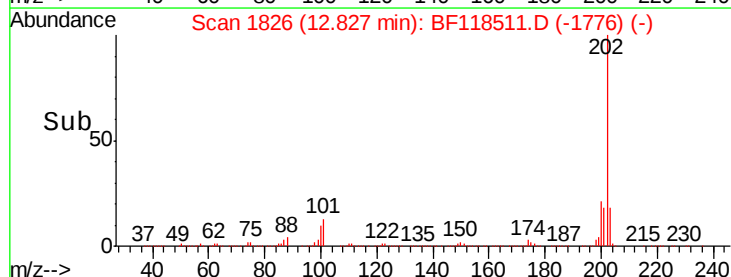
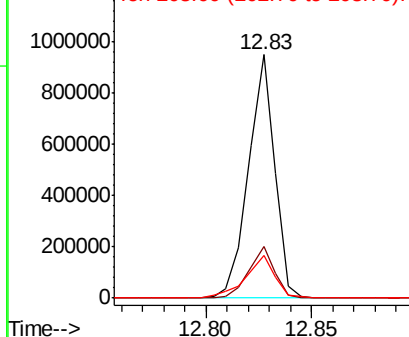
202 100

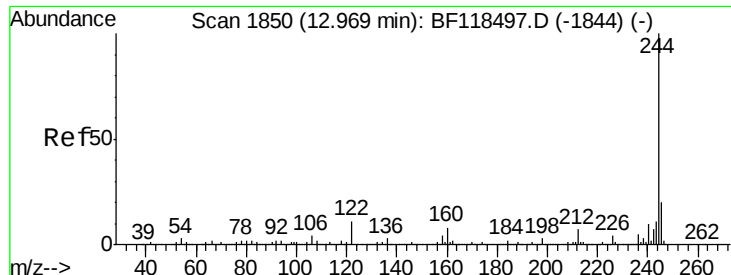
200 21.0 16.9 25.3

203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





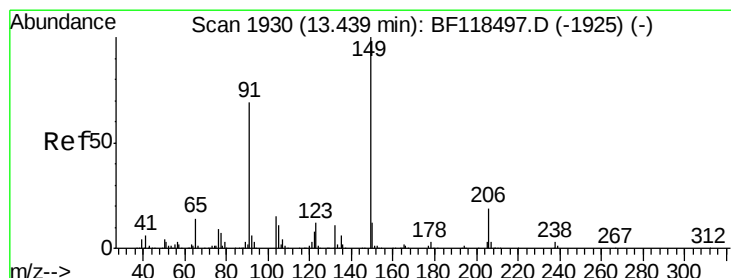
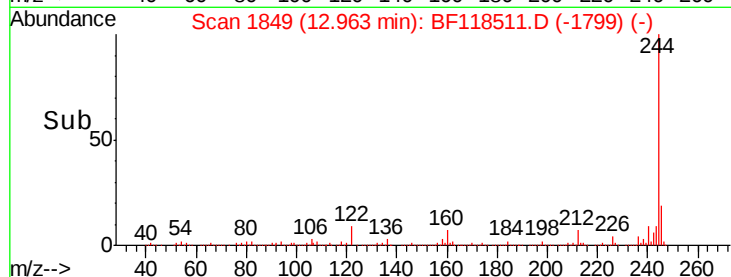
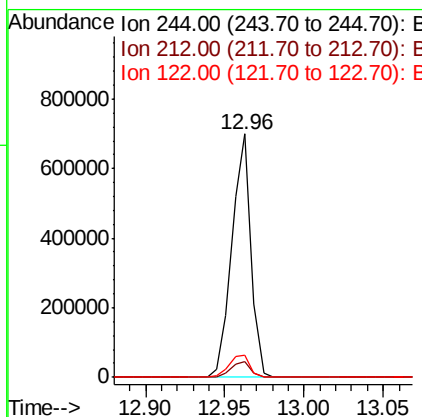
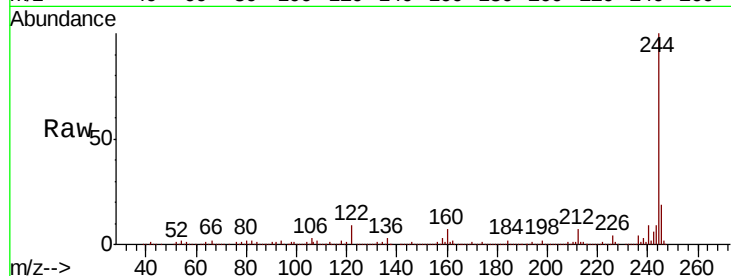
#79
 Terphenyl-d14
 Concen: 43.072 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Tot Ion:	244	Resp:	583181
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.2	9.0	13.6

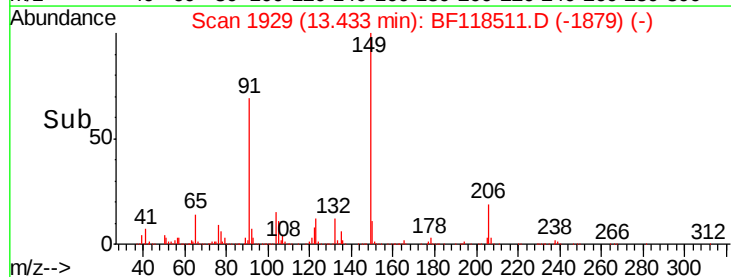
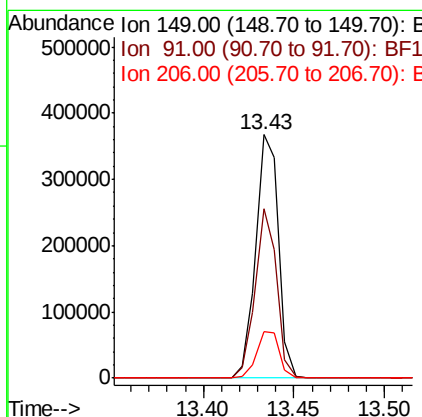
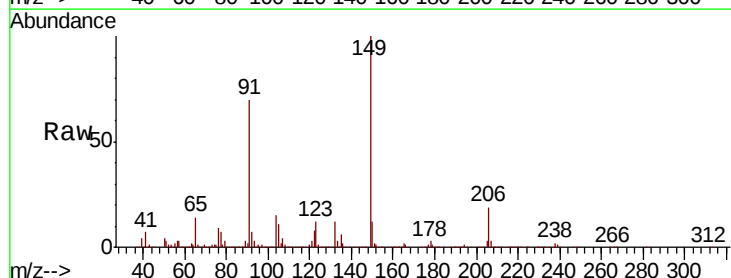
Manual Integrations
 APPROVED

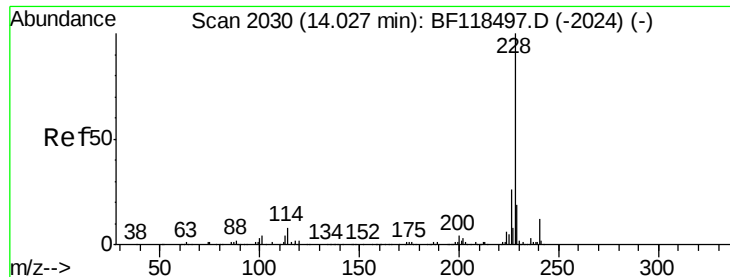
mohammad
 1/9/2020 12:11:02 PM



#80
 Butylbenzylphthalate
 Concen: 39.444 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF118511.D
 Acq: 8 Jan 2020 21:13

Tgt Ion:	149	Resp:	318892
Ion Ratio		Lower	Upper
149	100		
91	69.5	55.2	82.8
206	19.2	15.1	22.7





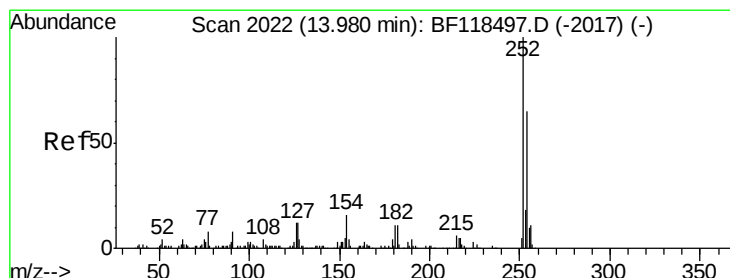
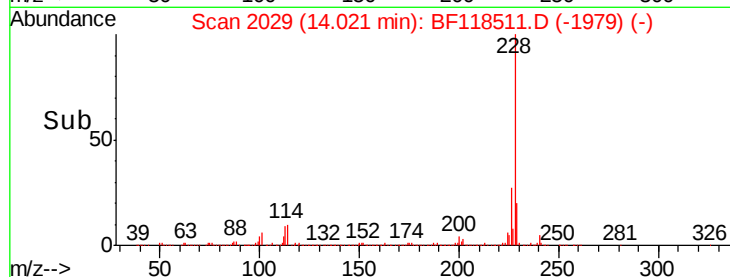
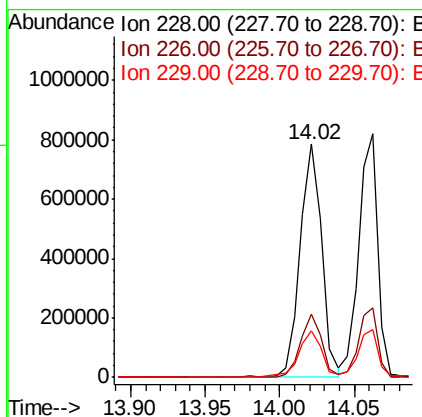
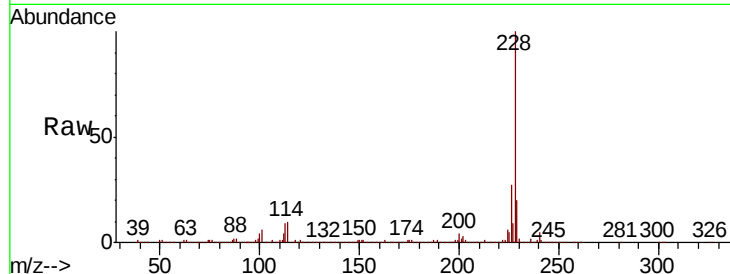
#81
Benzo(a)anthracene
Concen: 52.514 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.7	31.1
229	19.9	15.4	23.2

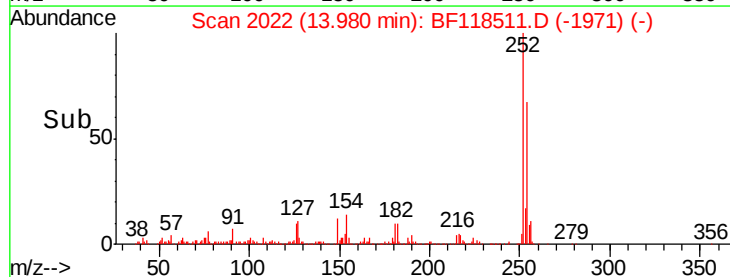
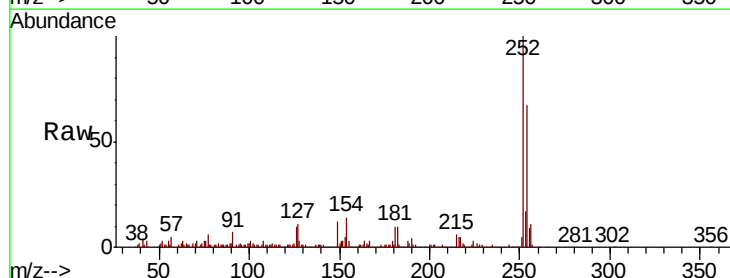
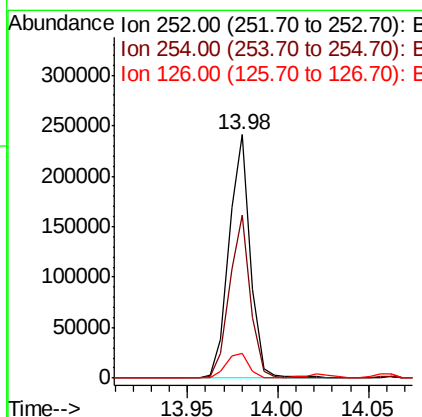
Manual Integrations
APPROVED

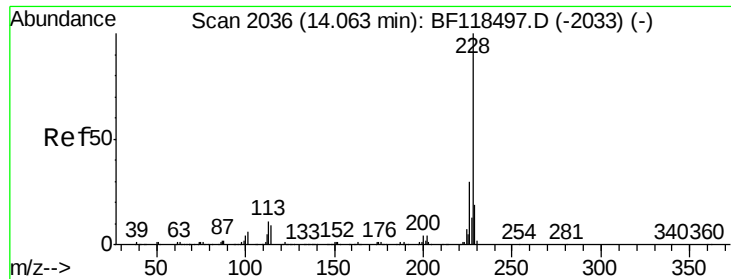
mohammad
1/9/2020 12:11:02 PM



#82
3,3'-Dichlorobenzidine
Concen: 40.405 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.1	78.1
126	10.1	9.6	14.4





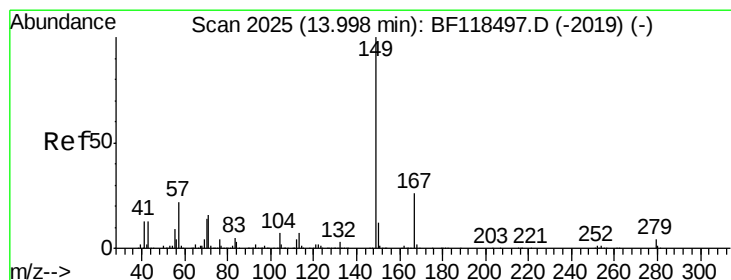
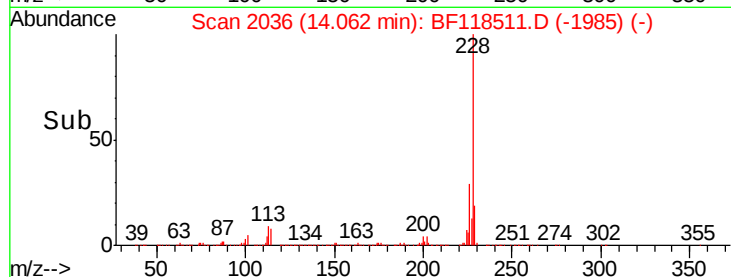
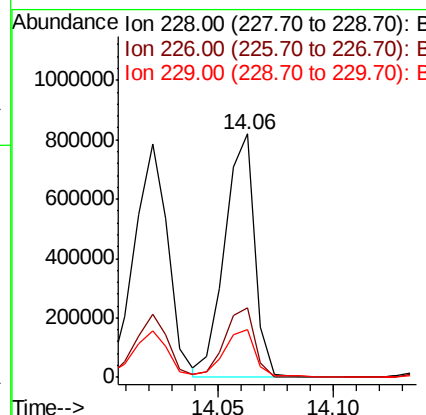
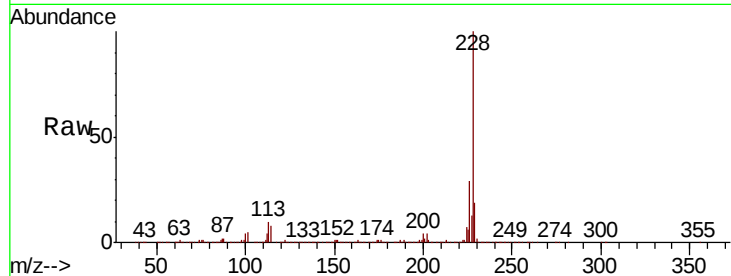
#83
Chrysene
Concen: 50.156 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	19.5	15.6	23.4

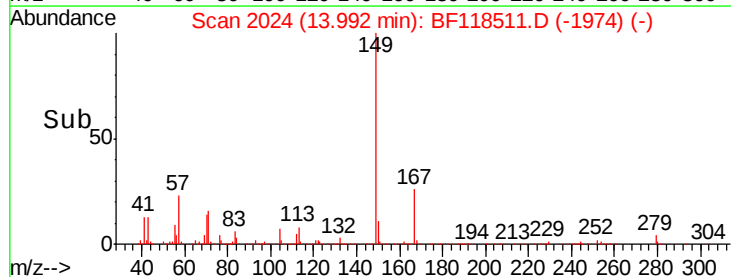
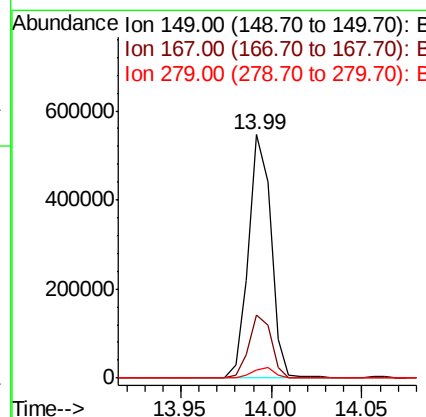
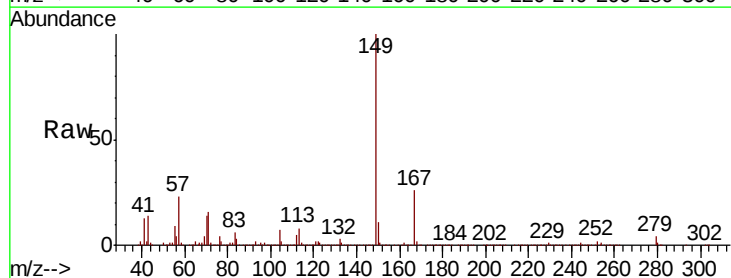
Manual Integrations
APPROVED

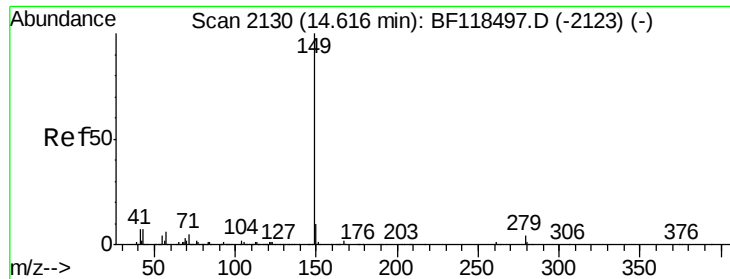
mohammad
1/9/2020 12:11:02 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.030 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.6	30.8
279	3.6	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 50.329 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

Instrument :

BNA_F

ClientSampleId :

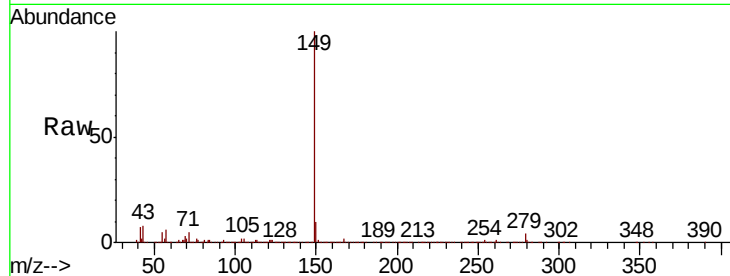
TP-4MSD

Tot Ion:	149	Resp:	792432
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	7.7	6.4	9.6

Manual Integrations
APPROVED

mohammad

1/9/2020 12:11:02 PM

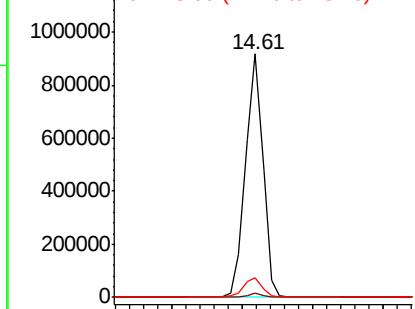


Abundance

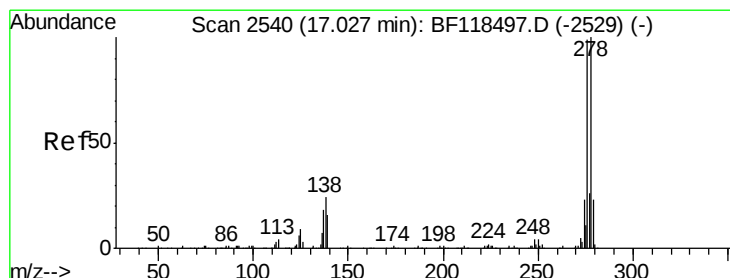
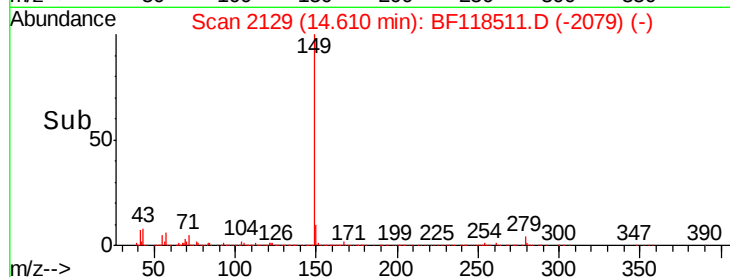
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.655 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF118511.D

Acq: 8 Jan 2020 21:13

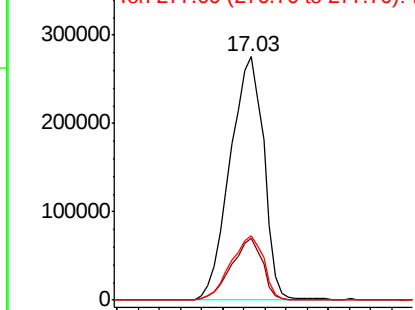
Tgt Ion:	276	Resp:	606903
Ion Ratio	Lower	Upper	
276	100		
138	23.1	19.0	28.4
277	25.8	20.5	30.7

Abundance

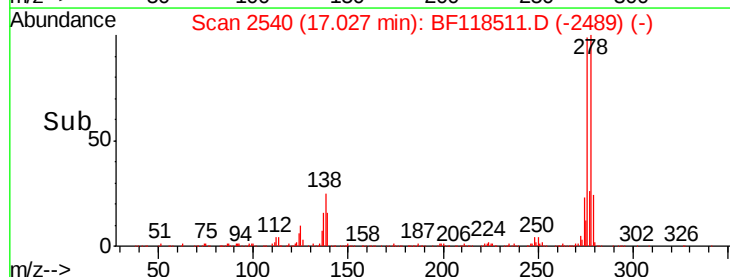
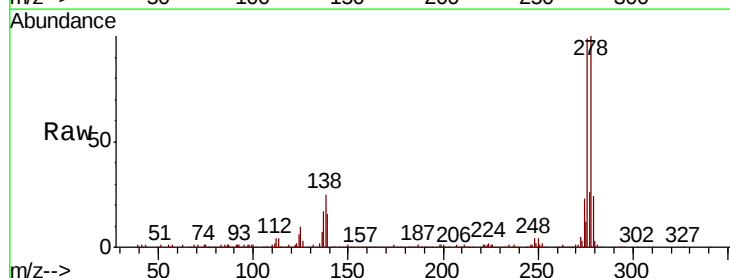
Ion 276.00 (275.70 to 276.70): E

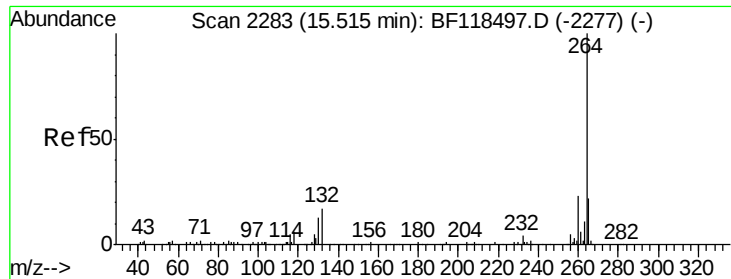
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





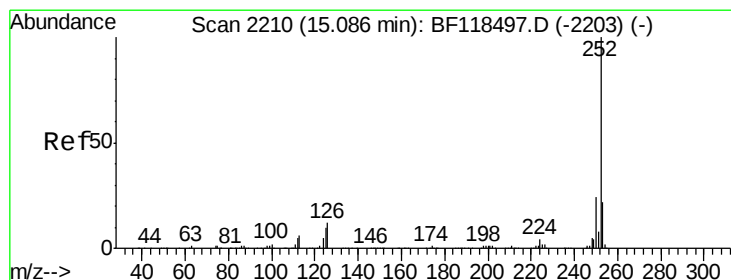
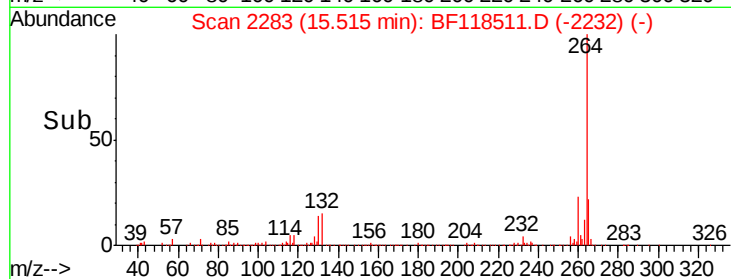
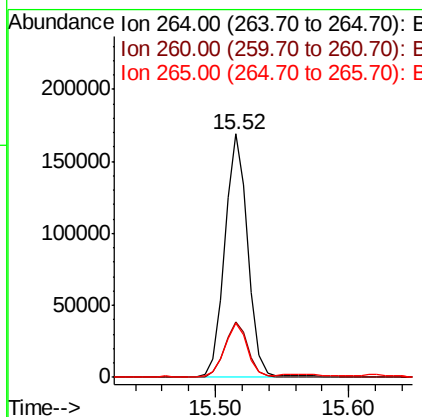
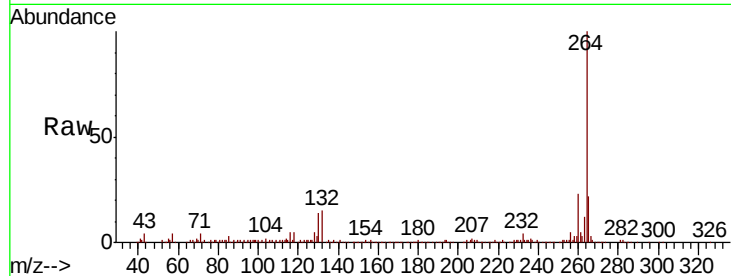
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	22.1	17.5	26.3

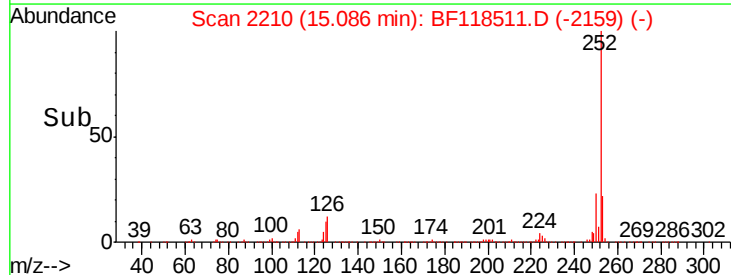
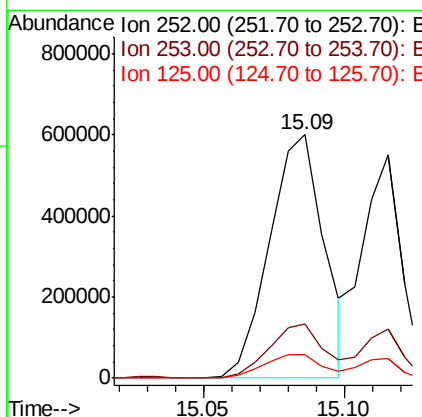
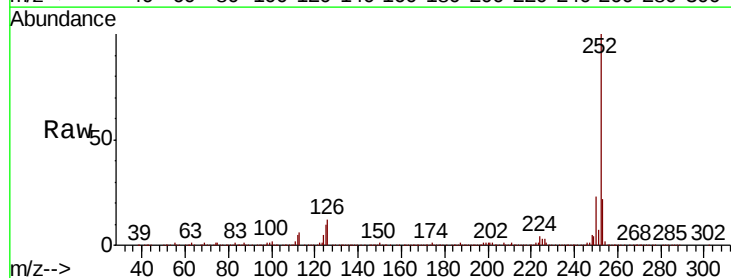
Manual Integrations
APPROVED

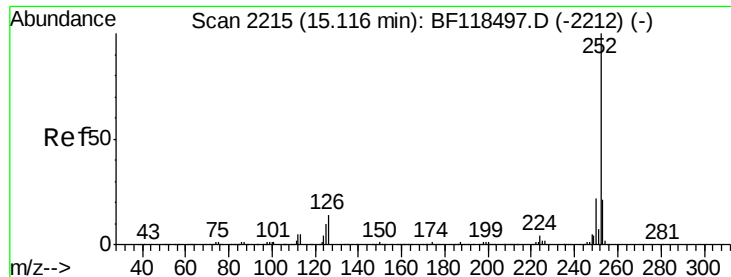
mohammad
1/9/2020 12:11:02 PM



#88
Benzo(b)fluoranthene
Concen: 54.128 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.8	7.8	11.6





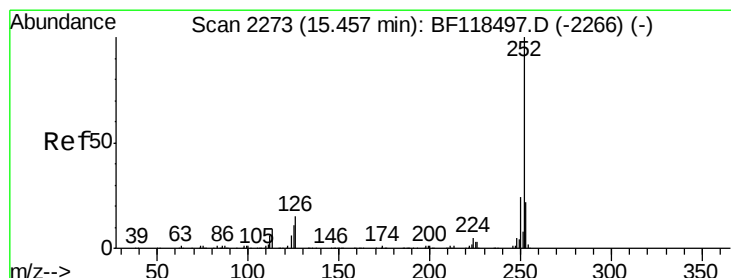
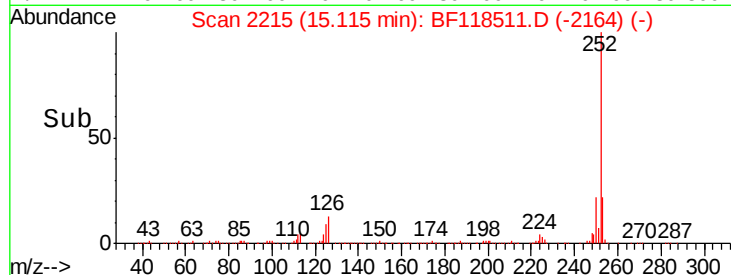
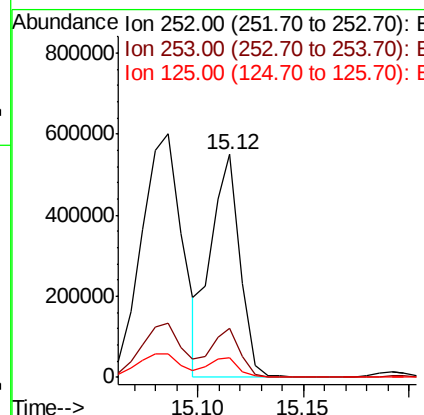
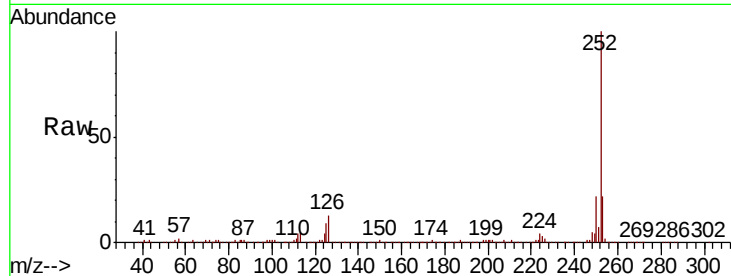
#89
Benzo(k)fluoranthene
Concen: 36.970 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	9.1	7.8	11.6

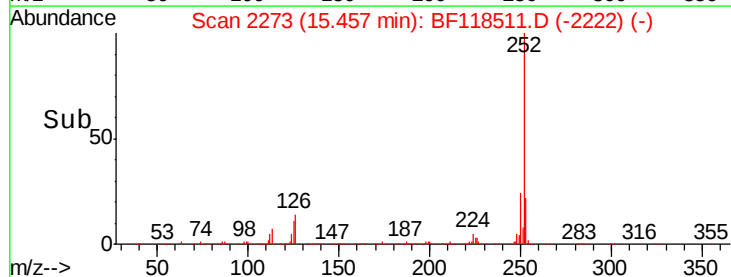
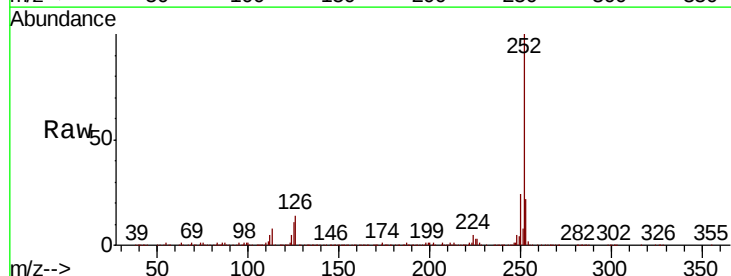
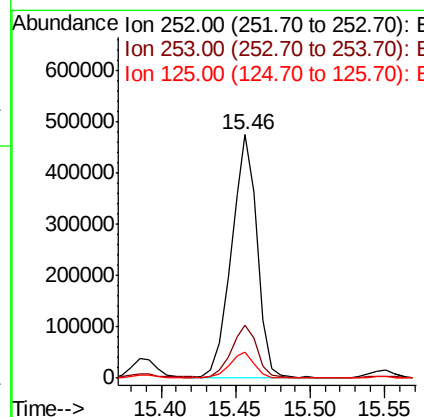
Manual Integrations
APPROVED

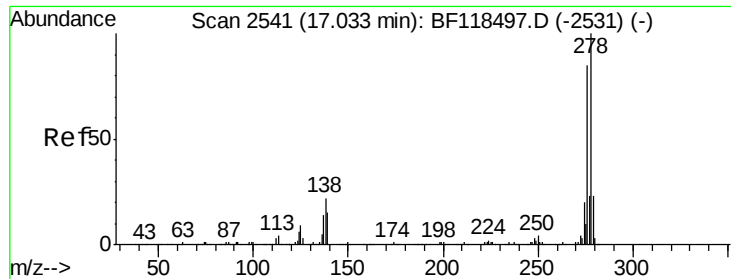
mohammad
1/9/2020 12:11:02 PM



#90
Benzo(a)pyrene
Concen: 47.126 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.8	9.0	13.6





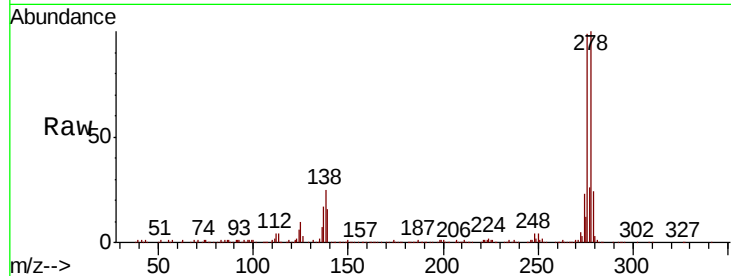
#91
Dibenzo(a,h)anthracene
Concen: 42.361 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.9	17.9
279	24.4	18.6	27.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:11:02 PM

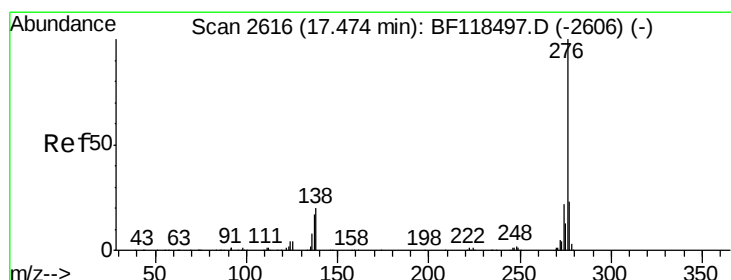
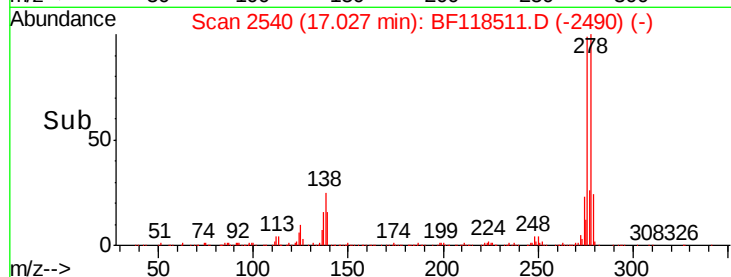
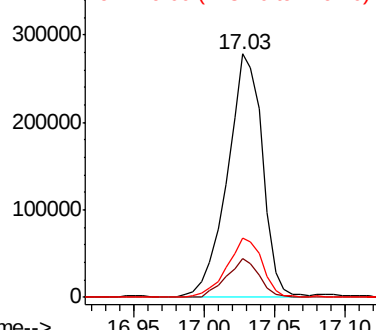


Abundance

Ion 278.00 (277.70 to 278.70): E

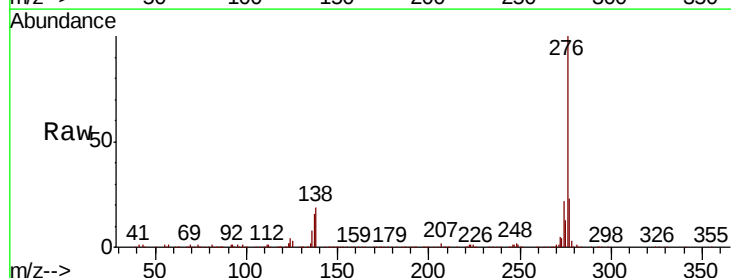
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.450 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.01 min
Lab File: BF118511.D
Acq: 8 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	19.0	16.3	24.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

