

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118442.D
 Acq On : 2 Jan 2020 18:22
 Operator : JU
 Sample : K6114-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:04:18 AM

Quant Time: Jan 03 03:13:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133143	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	525048	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	270559	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	462427	20.00	ng	0.00
76) Chrysene-d12	14.05	240	272549	20.00	ng	0.00
87) Perylene-d12	15.53	264	284567	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	955864	122.55	ng	0.02
7) Phenol-d6	6.50	99	1108786	114.59	ng	0.01
23) Nitrobenzene-d5	7.42	82	795431	86.65	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	412165	123.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1591572	89.80	ng	0.00
79) Terphenyl-d14	12.98	244	1510538	91.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.76	88	120256	38.783	ng	# 83
3) Pyridine	3.50	79	247402	29.948	ng	99
4) n-Nitrosodimethylamine	3.42	42	144444	42.290	ng	97
6) Aniline	6.52	93	135826	11.055	ng	# 42
8) 2-Chlorophenol	6.64	128	396103	44.839	ng	97
9) Benzaldehyde	6.40	77	177215	31.239	ng	99
10) Phenol	6.51	94	393972	36.226	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	361661	46.500	ng	98
12) 1,3-Dichlorobenzene	6.79	146	377664	37.121	ng	100
13) 1,4-Dichlorobenzene	6.86	146	389731	37.714	ng	99
14) 1,2-Dichlorobenzene	7.02	146	372617	38.192	ng	98
15) Benzyl Alcohol	7.00	79	325733	44.214	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	351215	42.318	ng	# 53
17) 2-Methylphenol	7.12	107	306091	43.201	ng	# 90
18) Hexachloroethane	7.36	117	130083	34.298	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	260268	43.664	ng	98
20) 3+4-Methylphenols	7.27	107	394789	43.536	ng	# 87
22) Acetophenone	7.26	105	549674	42.715	ng	# 98
24) Nitrobenzene	7.44	77	397649	43.242	ng	95
25) Isophorone	7.67	82	708171	44.264	ng	98
26) 2-Nitrophenol	7.75	139	219063	44.975	ng	95
27) 2,4-Dimethylphenol	7.79	122	336299	50.605	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	448756	42.889	ng	99
29) 2,4-Dichlorophenol	8.00	162	340987	44.579	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	359216	40.315	ng	96
31) Naphthalene	8.16	128	1155617	43.304	ng	100
32) Benzoic acid	7.95	122	188760	35.335	ng	97
33) 4-Chloroaniline	8.22	127	84515	7.387	ng	95
34) Hexachlorobutadiene	8.27	225	198915	37.503	ng	99
35) Caprolactam	8.59	113	86680m	36.298	ng	
36) 4-Chloro-3-methylphenol	8.70	107	360365	43.881	ng	97
37) 2-Methylnaphthalene	8.85	142	811172	44.396	ng	99
38) 1-Methylnaphthalene	8.95	142	763987	44.382	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	352725	43.390	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118442.D
 Acq On : 2 Jan 2020 18:22
 Operator : JU
 Sample : K6114-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

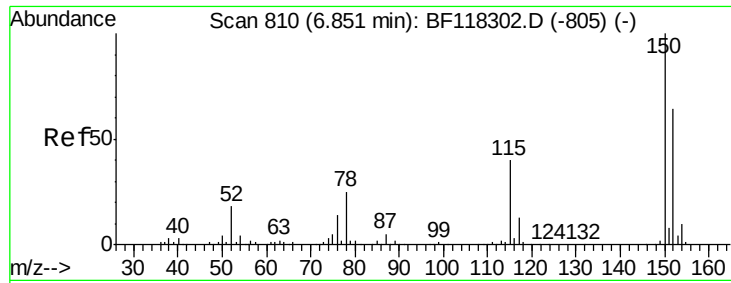
Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:04:18 AM

Quant Time: Jan 03 03:13:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	91902	32.853	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	239021	44.012	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	250649	44.865	nq	99
46) 1,1'-Biphenyl	9.32	154	967156	45.195	nq	99
47) 2-Chloronaphthalene	9.35	162	746275	43.330	nq	98
48) 2-Nitroaniline	9.45	65	206312	42.409	nq	99
49) Acenaphthylene	9.76	152	1152850	45.132	nq	99
50) Dimethylphthalate	9.62	163	917617	45.182	nq	99
51) 2,6-Dinitrotoluene	9.69	165	196842	44.956	nq	100
52) Acenaphthene	9.93	154	687910	44.213	nq	98
53) 3-Nitroaniline	9.86	138	101299	19.712	nq	86
54) 2,4-Dinitrophenol	9.98	184	38255	21.390	nq	98
55) Dibenzofuran	10.10	168	1021717	44.442	nq	97
56) 4-Nitrophenol	10.04	139	225061	70.940	nq	93
57) 2,4-Dinitrotoluene	10.10	165	249794	42.695	nq	# 83
58) Fluorene	10.45	166	812806	43.797	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	199108	41.945	nq	99
60) Diethylphthalate	10.32	149	905725	45.079	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	411515	44.419	nq	95
62) 4-Nitroaniline	10.48	138	179480	33.618	nq	96
63) Azobenzene	10.60	77	750443	43.606	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	37939	15.208	nq	98
66) n-Nitrosodiphenylamine	10.56	169	719156	48.524	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	251278	46.432	nq	95
68) Hexachlorobenzene	11.00	284	272749	42.817	nq	98
69) Atrazine	11.09	200	229482	50.169	nq	96
70) Pentachlorophenol	11.20	266	211101	76.520	nq	99
71) Phenanthrene	11.42	178	1100068	43.638	nq	99
72) Anthracene	11.47	178	1138109	45.104	nq	100
73) Carbazole	11.63	167	953290	42.577	nq	100
74) Di-n-butylphthalate	11.94	149	1322975	46.600	nq	100
75) Fluoranthene	12.61	202	968788	38.079	nq	97
77) Benzidine	12.73	184	76141	10.196	nq	98
78) Pyrene	12.84	202	949802	42.675	nq	99
80) Butylbenzylphthalate	13.45	149	454416	45.345	nq	98
81) Benzo(a)anthracene	14.04	228	847415	44.419	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	228006	35.249	nq	95
83) Chrysene	14.07	228	797189	43.640	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	638337	48.442	nq	99
85) Di-n-octyl phthalate	14.62	149	1040543	53.683	nq	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	722744	46.435	nq	99
88) Benzo(b)fluoranthene	15.10	252	854401	45.231	nq	99
89) Benzo(k)fluoranthene	15.13	252	793115	43.728	nq	99
90) Benzo(a)pyrene	15.47	252	722037	43.391	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	631641	43.742	nq	96
92) Benzo(g,h,i)perylene	17.50	276	561992	40.289	nq	98

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



#1

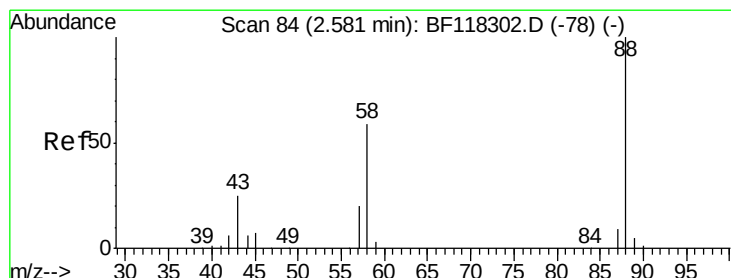
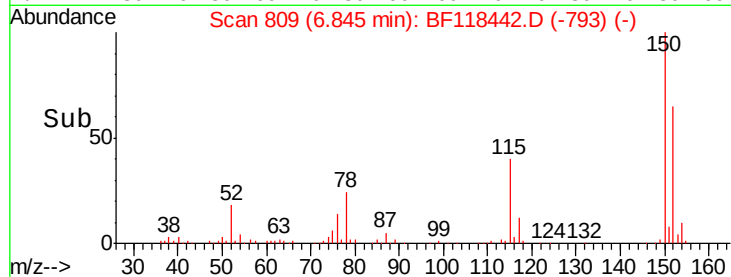
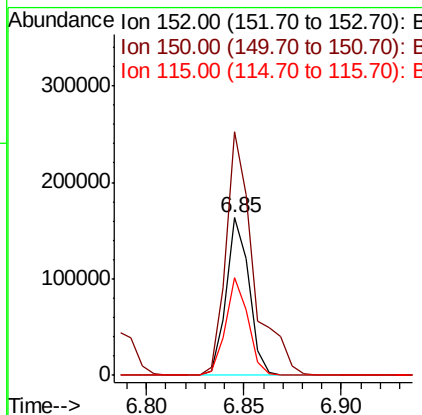
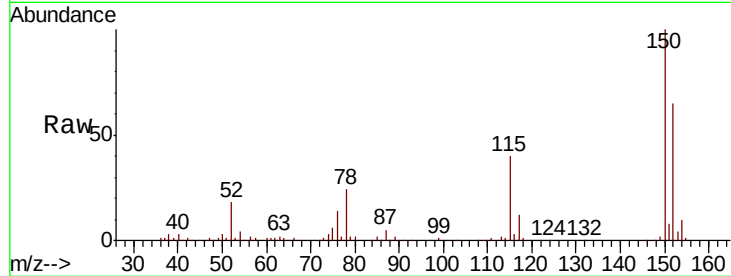
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.4	188.2
115	62.1	50.2	75.4

Manual Integrations
APPROVED

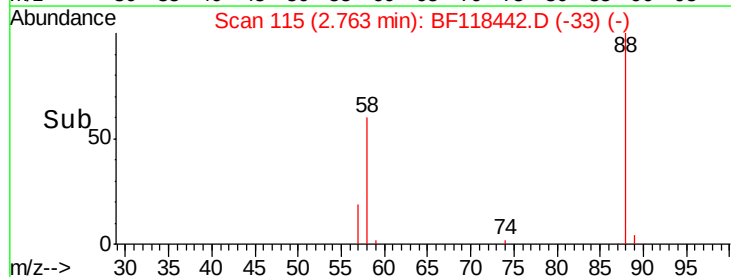
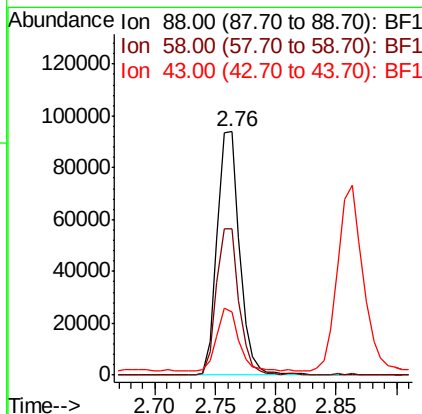
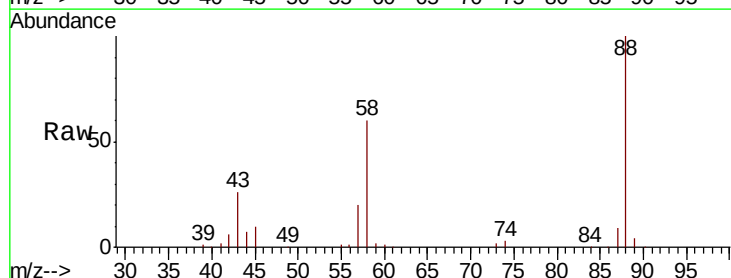
mohammad
1/3/2020 11:04:18 AM

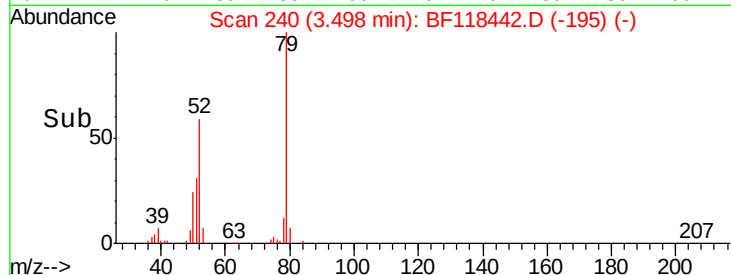
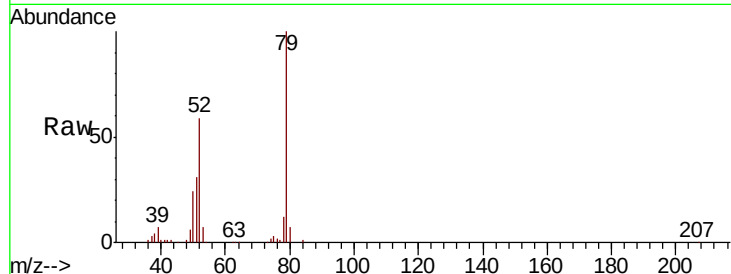
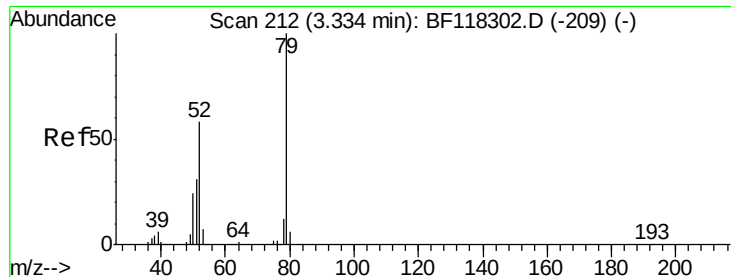


#2

1,4-Dioxane
Concen: 38.783 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.18 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	47.6	71.4
43	0.0	20.6	30.8





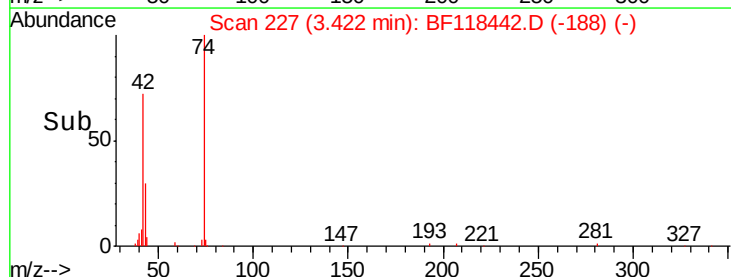
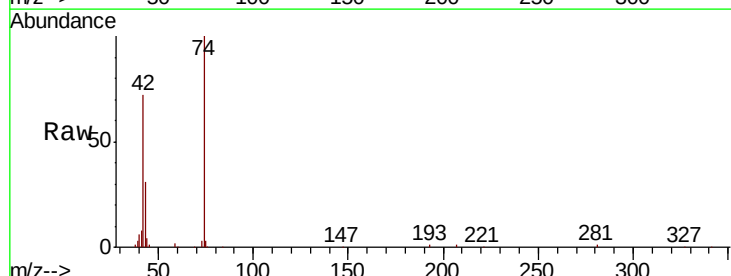
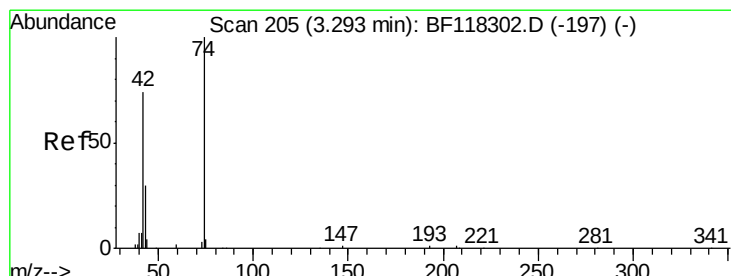
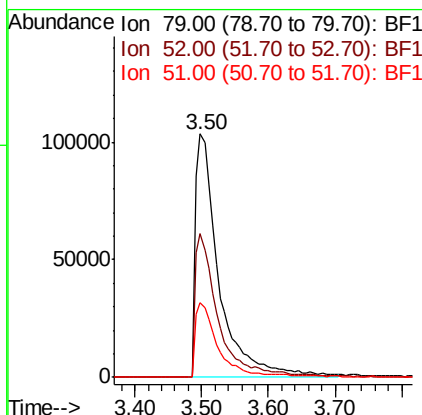
#3
 Pvridine
 Concen: 29.948 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.16 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.2	46.4	69.6
51	30.8	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

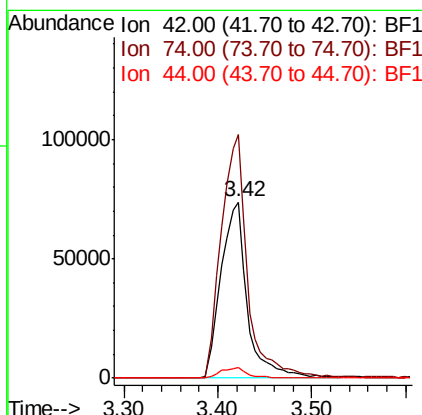
Manual Integrations
 APPROVED

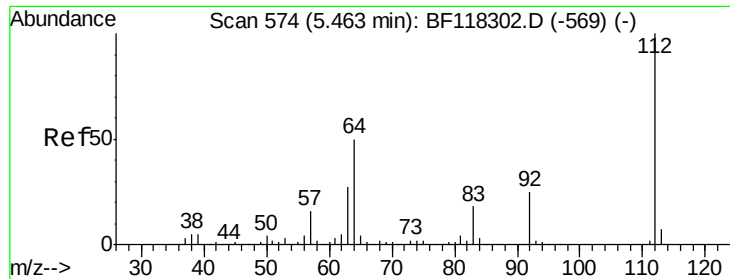
mohammad
 1/3/2020 11:04:18 AM



#4
 n-Nitrosodimethylamine
 Concen: 42.290 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.13 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.5	107.7	161.5
44	6.1	4.8	7.2





#5

2-Fluorophenol

Concen: 122.549 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

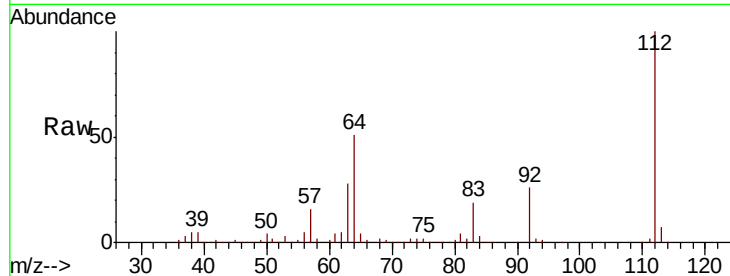
ClientSampleId :

EO-O1-122719MS

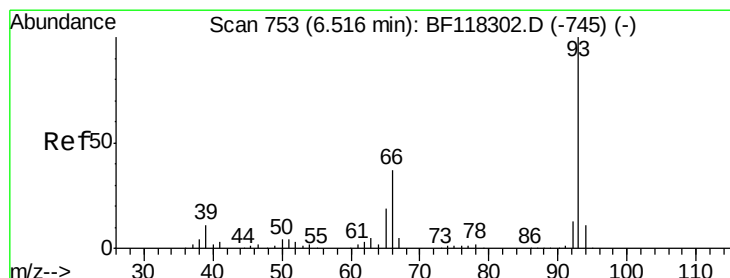
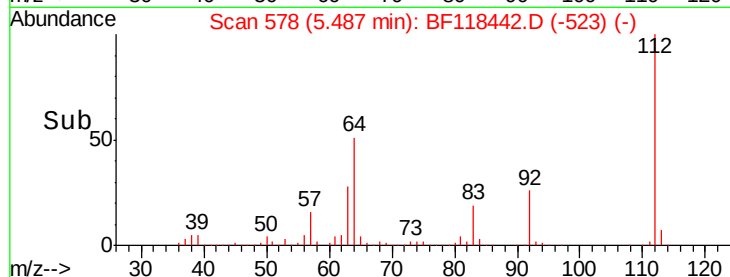
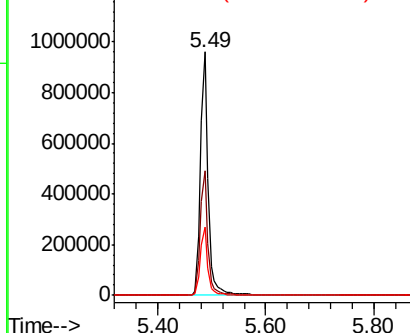
Tot Ion:	112	Resp:	955864
Ion Ratio	Lower	Upper	
112	100		
64	51.1	39.7	59.5
63	28.0	21.7	32.5

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.055 ng

RT: 6.52 min Scan# 753

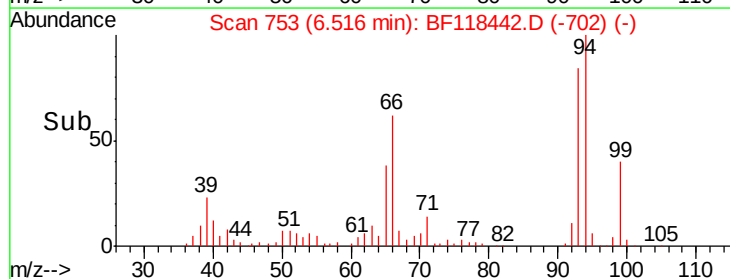
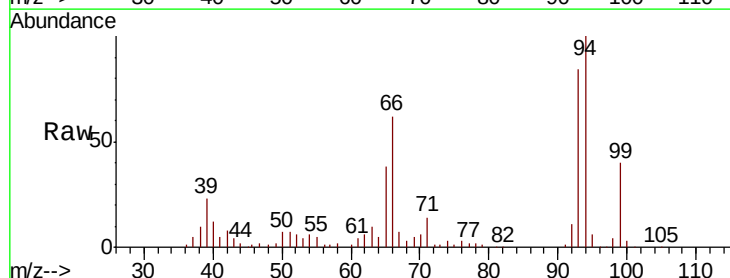
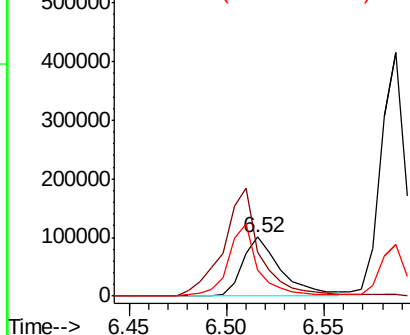
Delta R.T. -0.00 min

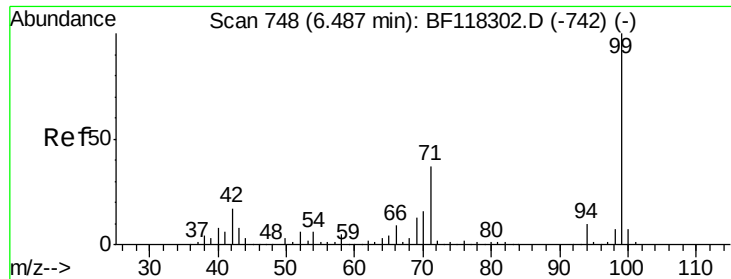
Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Tgt Ion:	93	Resp:	135826
Ion Ratio	Lower	Upper	
93	100		
66	73.7	30.2	45.4#
65	44.8	15.7	23.5#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.592 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MS

Tot Ion: 99 Resp: 1108786

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

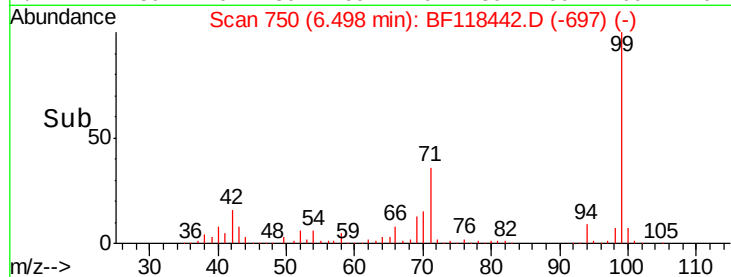
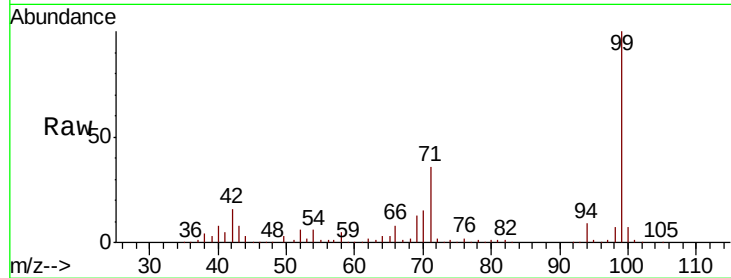
71 35.5 29.4 44.2

Manual Integrations

APPROVED

mohammad

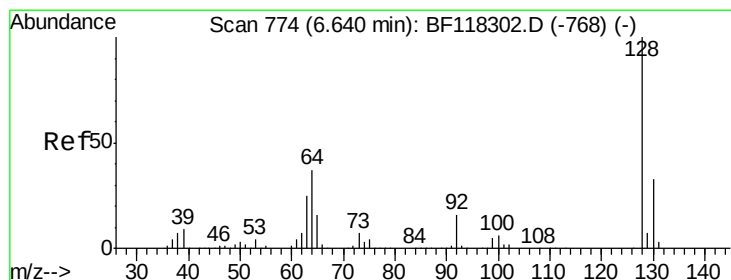
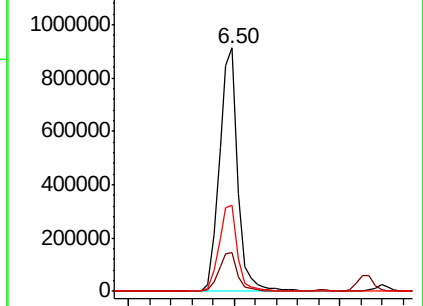
1/3/2020 11:04:18 AM



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: 44.839 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

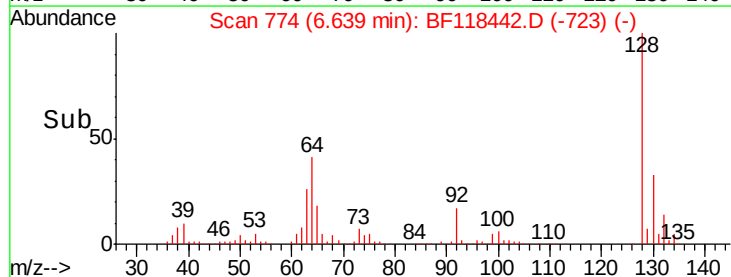
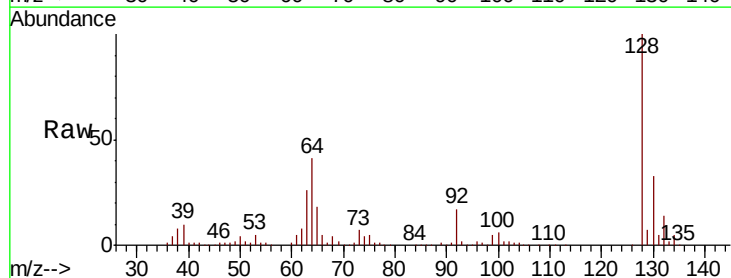
Tgt Ion:128 Resp: 396103

Ion Ratio Lower Upper

128 100

130 33.3 13.2 53.2

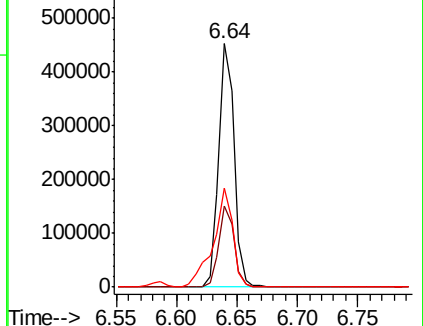
64 40.7 17.7 57.7

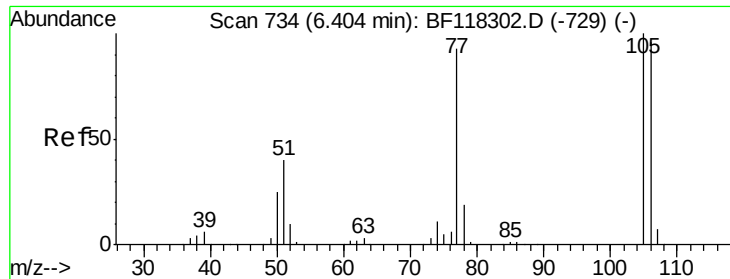


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





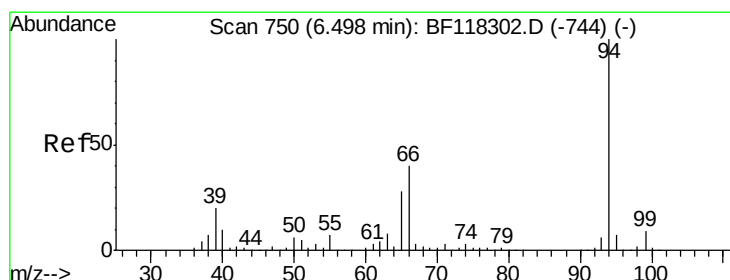
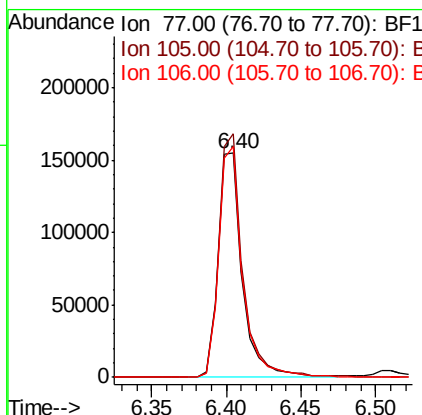
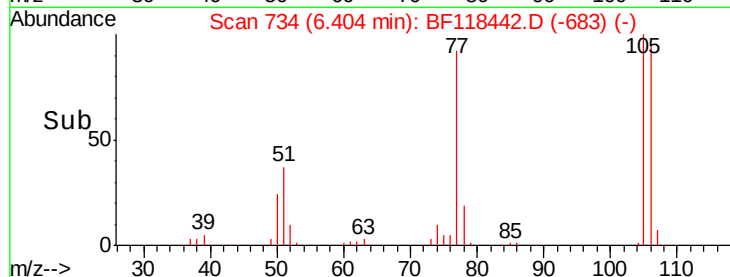
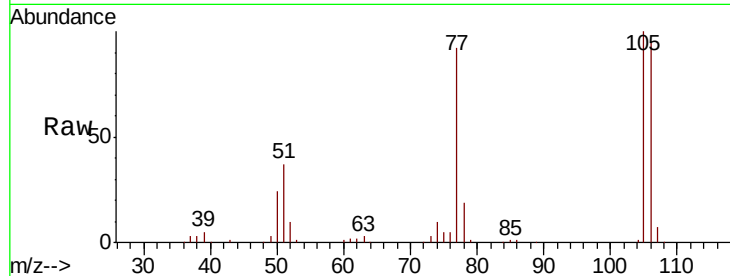
#9
Benzaldehyde
Concen: 31.239 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	108.7	87.5	127.5	
106	102.9	83.6	123.6	

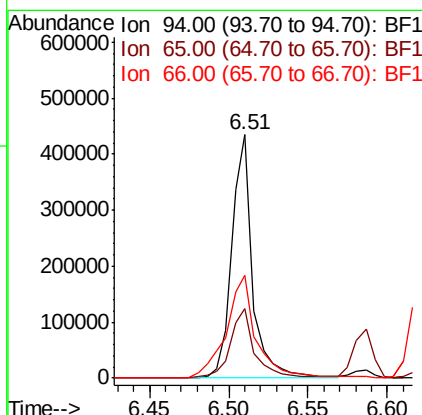
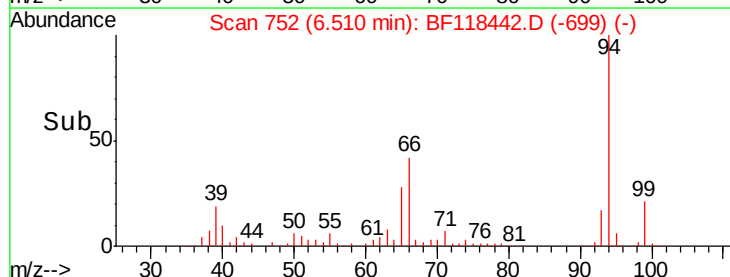
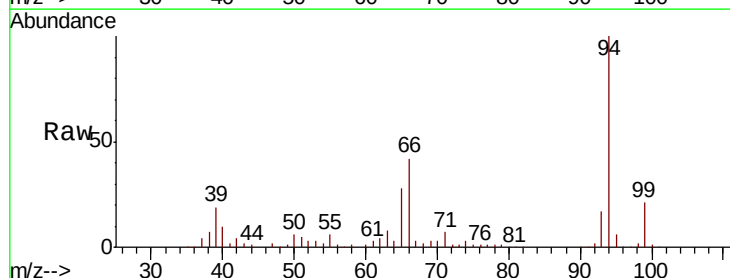
Manual Integrations
APPROVED

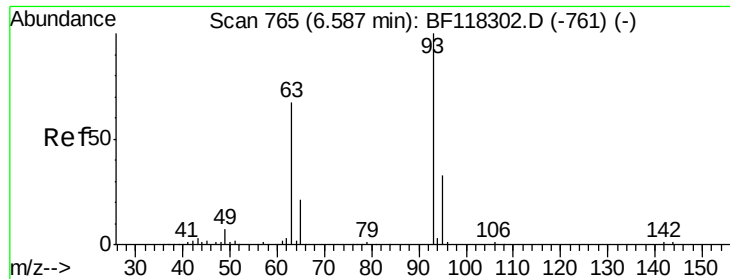
mohammad
1/3/2020 11:04:18 AM



#10
Phenol
Concen: 36.226 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.5	7.8	47.8	
66	42.5	20.4	60.4	





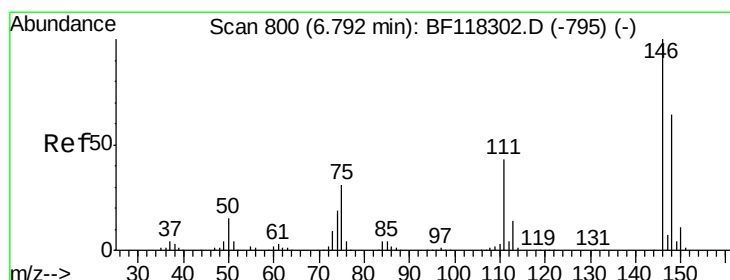
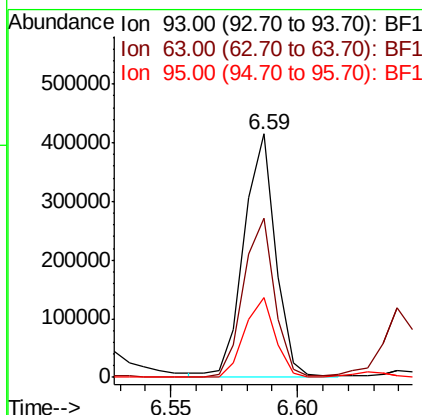
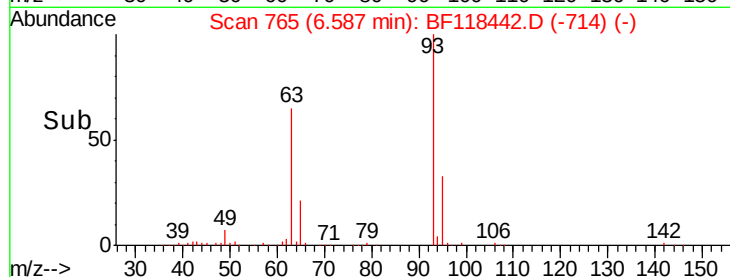
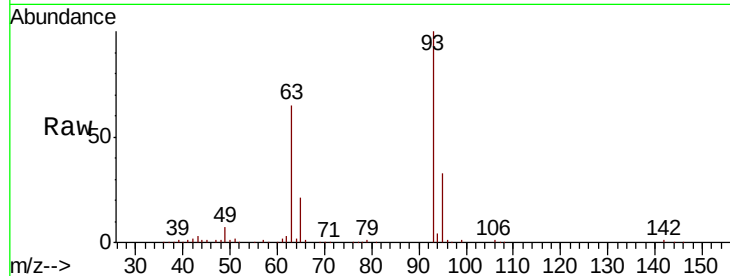
#11
bis(2-Chloroethyl)ether
Concen: 46.500 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.2	47.0	87.0
95	32.9	12.8	52.8

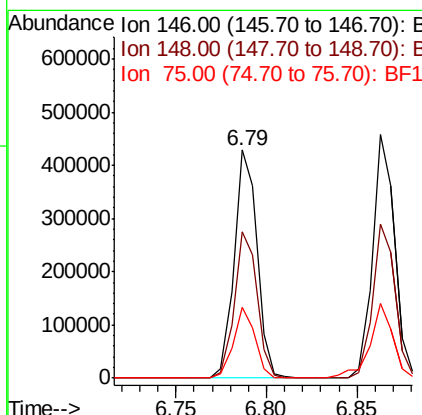
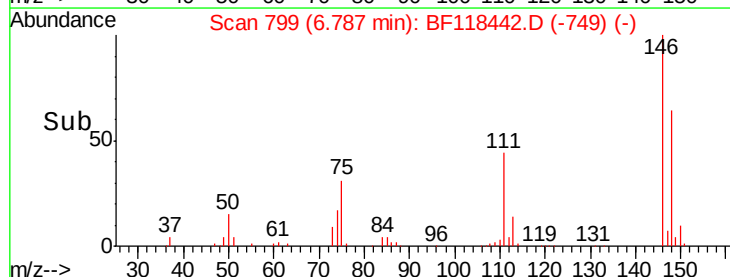
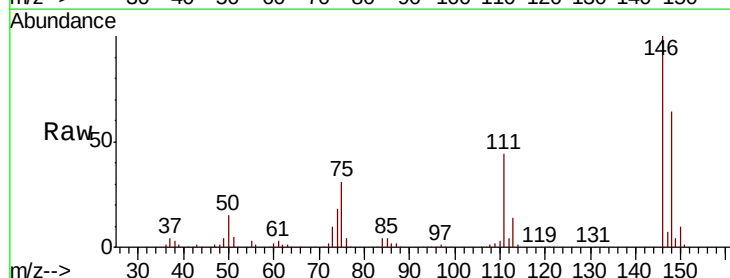
Manual Integrations
APPROVED

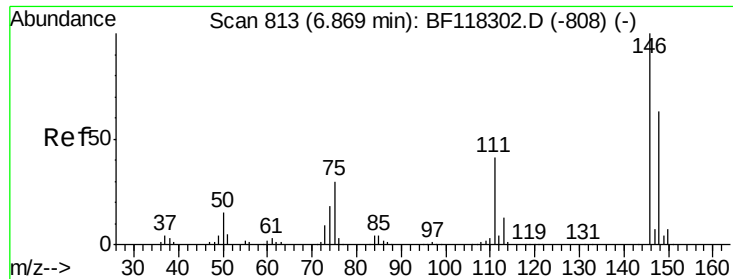
mohammad
1/3/2020 11:04:18 AM



#12
1,3-Dichlorobenzene
Concen: 37.121 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	30.8	24.4	36.6





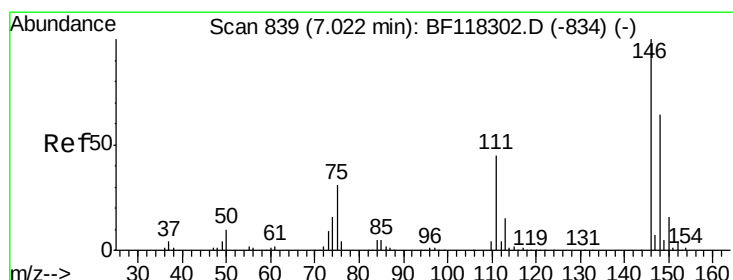
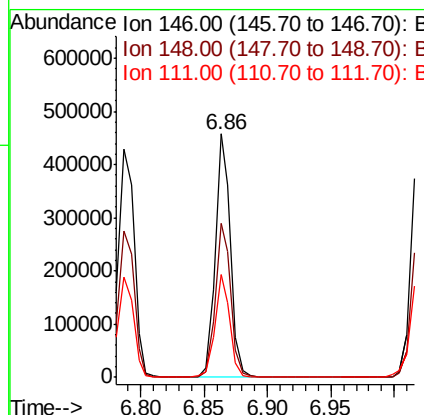
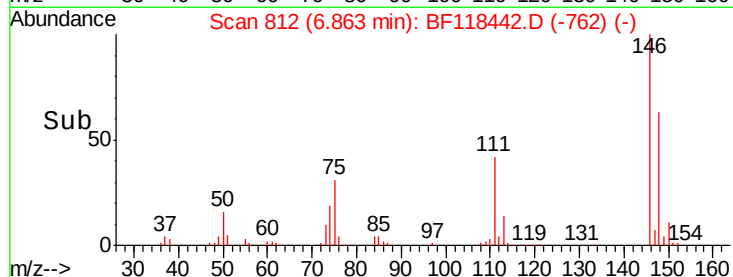
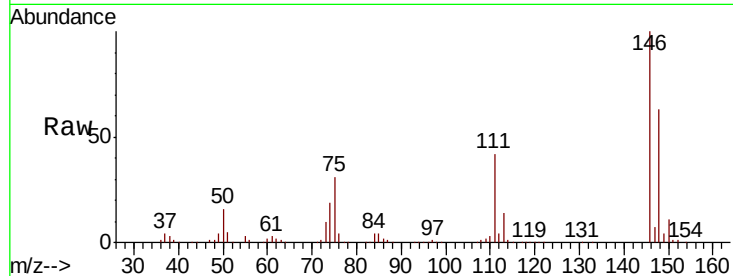
#13
 1,4-Dichlorobenzene
 Concen: 37.714 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	42.2	32.8	49.2

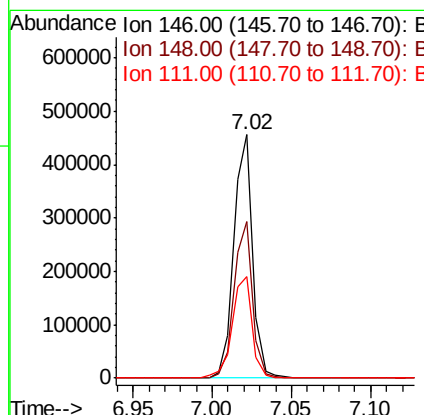
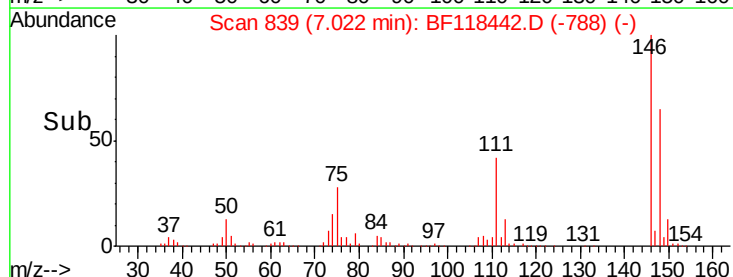
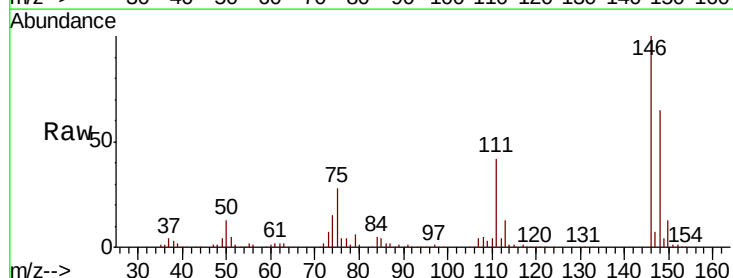
Manual Integrations
 APPROVED

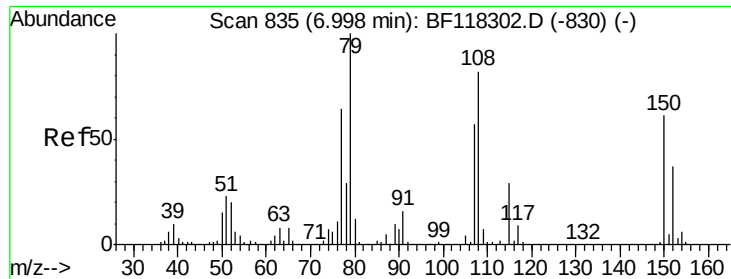
mohammad
 1/3/2020 11:04:18 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.192 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
111	41.6	35.7	53.5





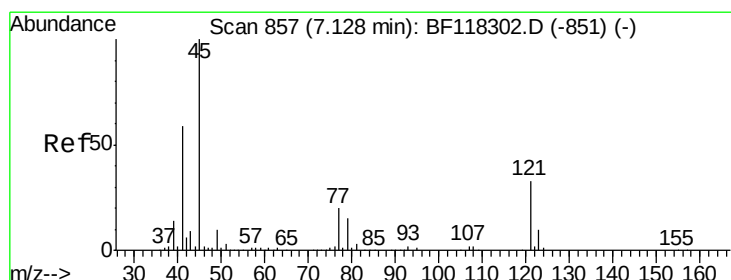
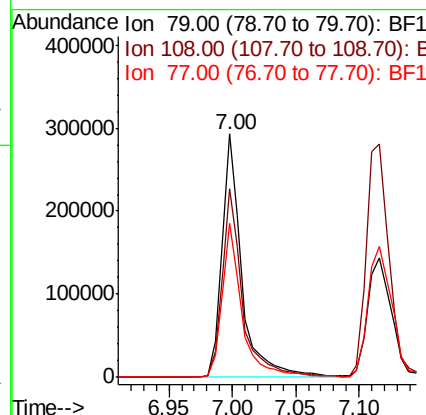
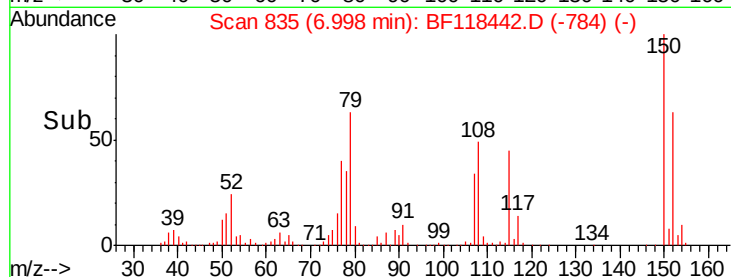
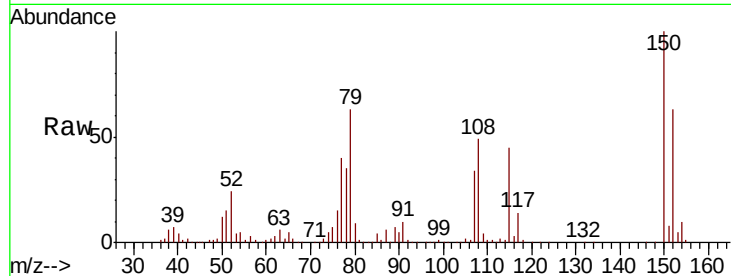
#15
Benzyl Alcohol
Concen: 44.214 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	65.4	98.0
77	63.1	51.4	77.0

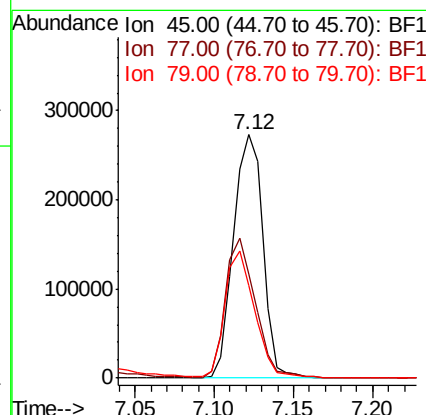
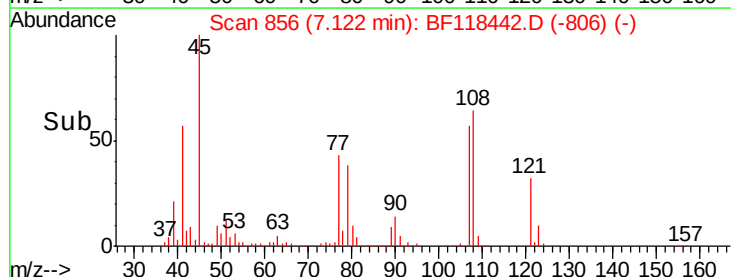
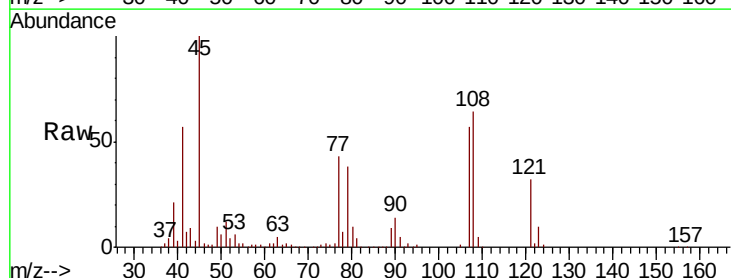
Manual Integrations
APPROVED

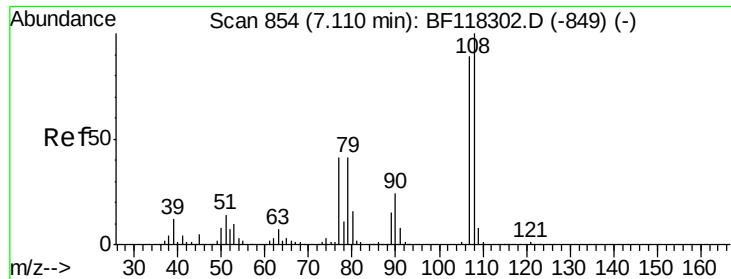
mohammad
1/3/2020 11:04:18 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.318 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	42.7	1.2	41.2#
79	38.2	0.0	37.0#





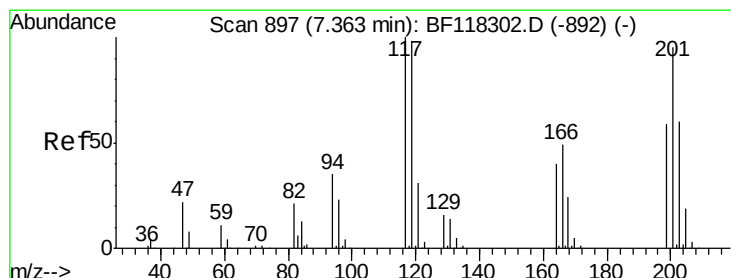
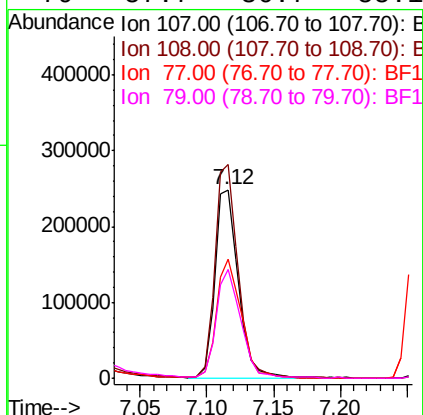
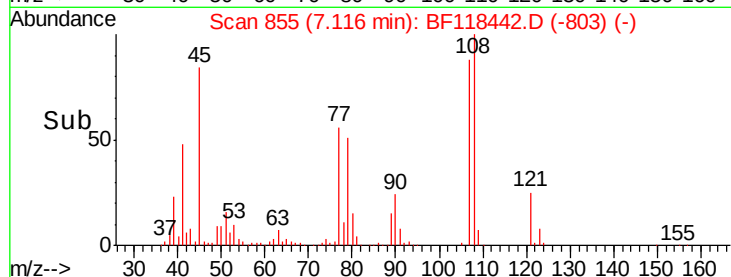
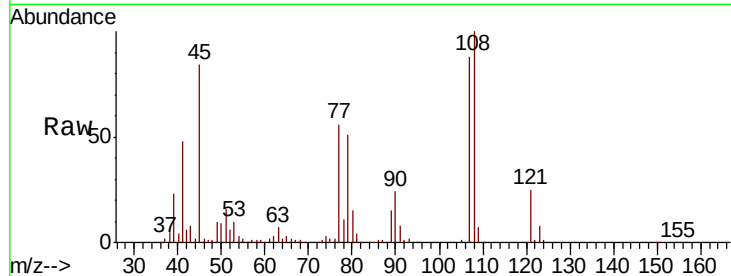
#17
2-Methylphenol
Concen: 43.201 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.7	134.5
77	63.3	37.2	55.8#
79	57.7	36.7	55.1#

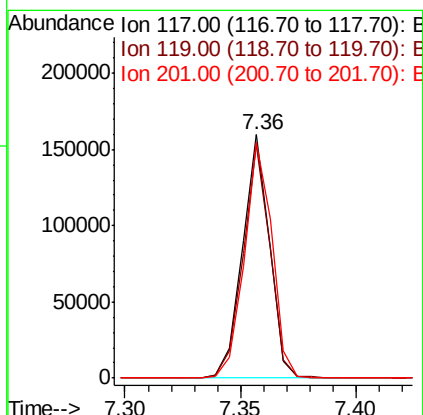
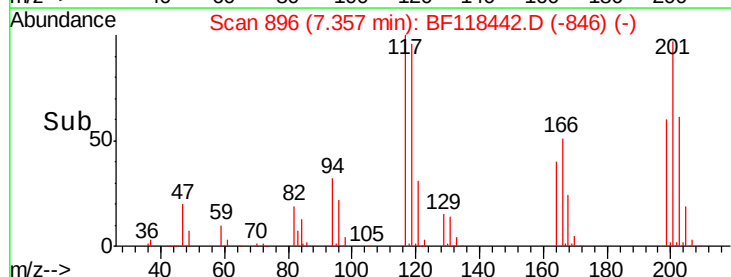
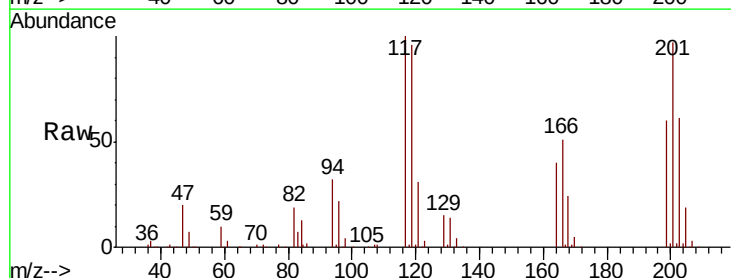
Manual Integrations
APPROVED

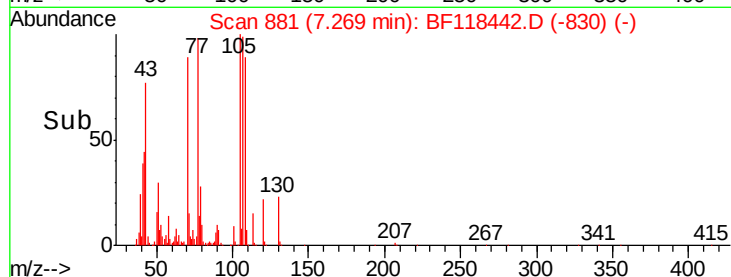
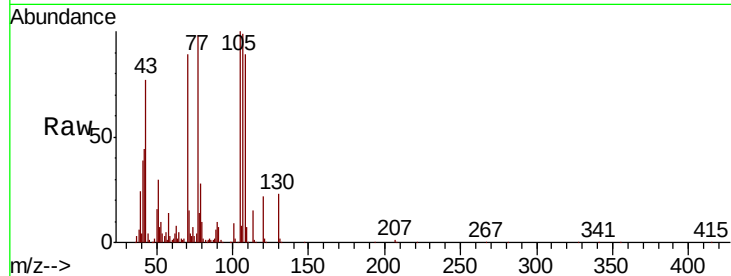
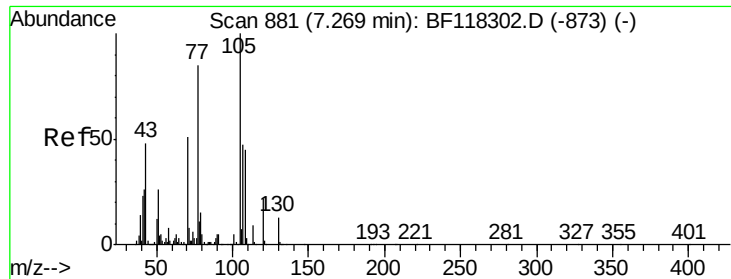
mohammad
1/3/2020 11:04:18 AM



#18
Hexachloroethane
Concen: 34.298 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.0	117.0
201	97.0	76.2	114.2





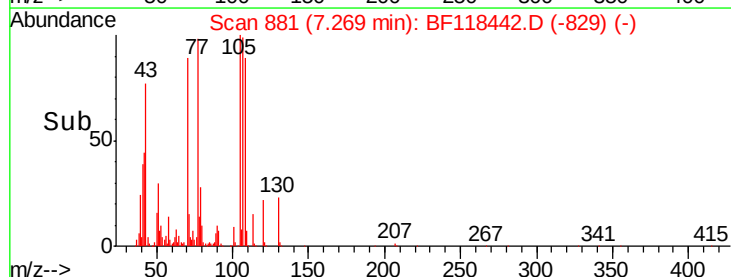
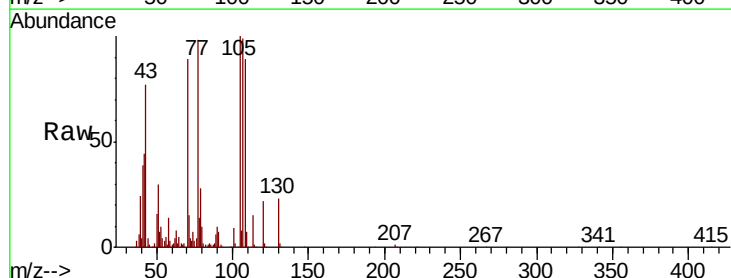
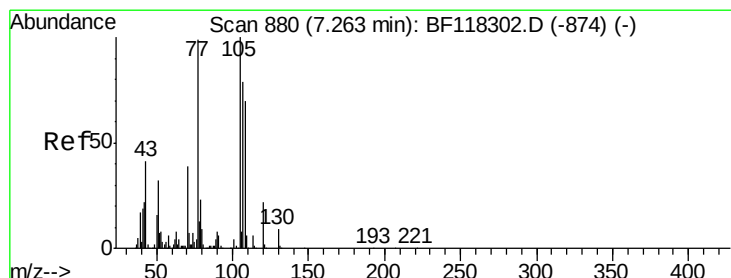
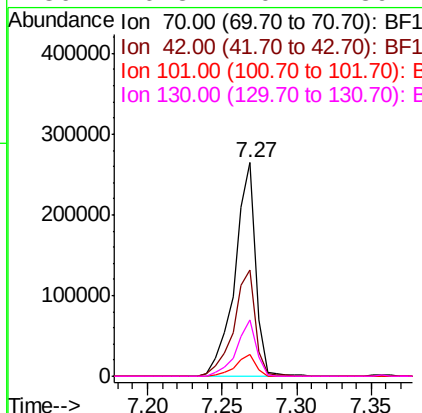
#19
n-Nitroso-di-n-propylamine
Concen: 43.664 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.0	41.1	61.7
101	10.3	8.3	12.5
130	26.3	20.1	30.1

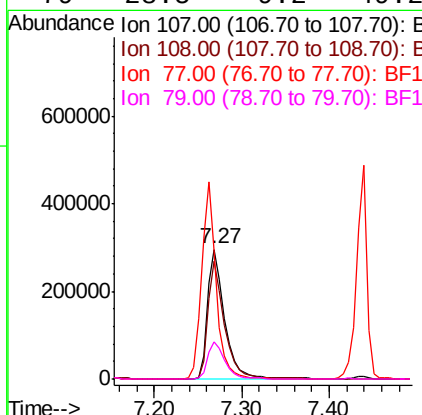
Manual Integrations
APPROVED

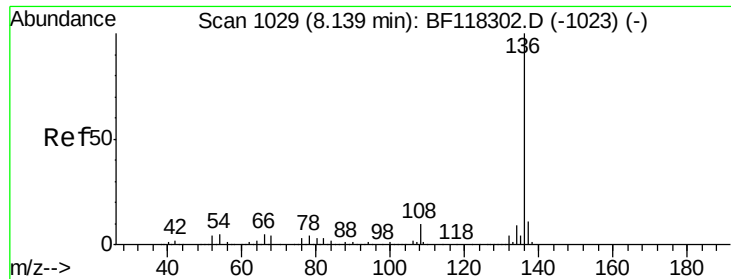
mohammad
1/3/2020 11:04:18 AM



#20
3+4-Methylphenols
Concen: 43.536 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.3	109.3
77	98.7	105.9	145.9#
79	28.5	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

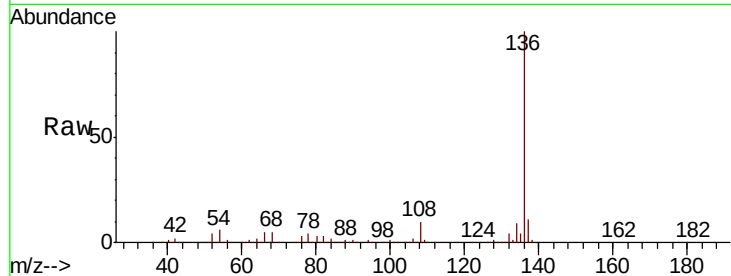
ClientSampleId :

EO-O1-122719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		525048		
137	11.1		8.9	13.3	
54	5.8		4.2	6.4	
68	4.8		3.5	5.3	

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



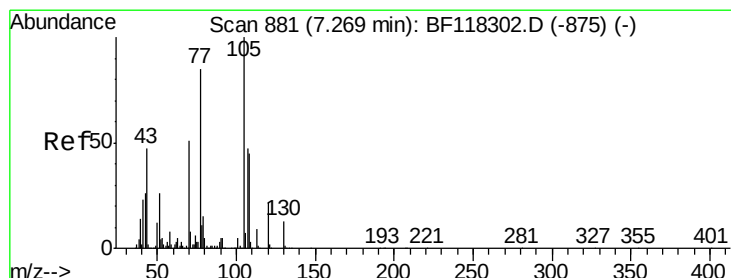
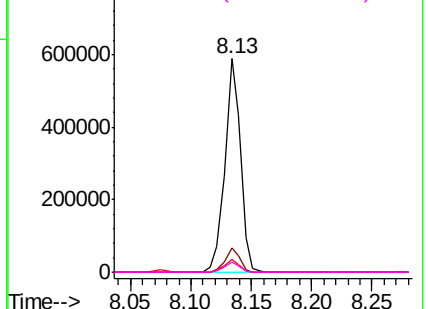
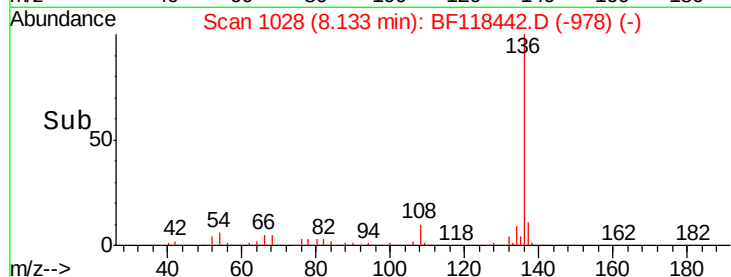
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.715 ng

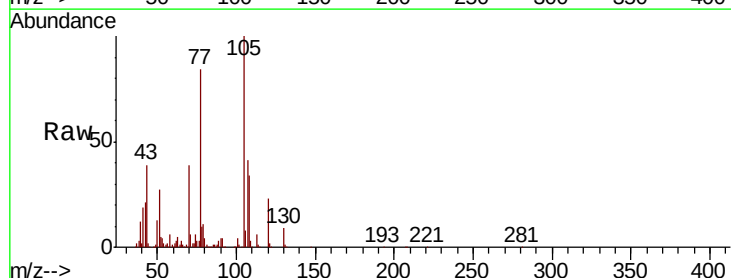
RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		549674		
71	6.4		6.6	9.8#	
51	26.5		20.6	30.8	
120	22.7		18.0	27.0	



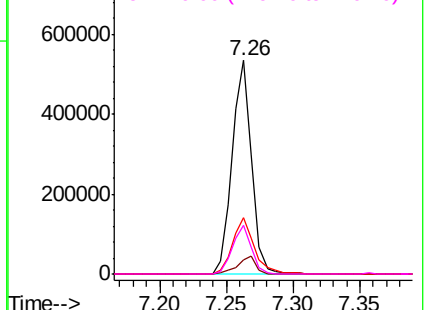
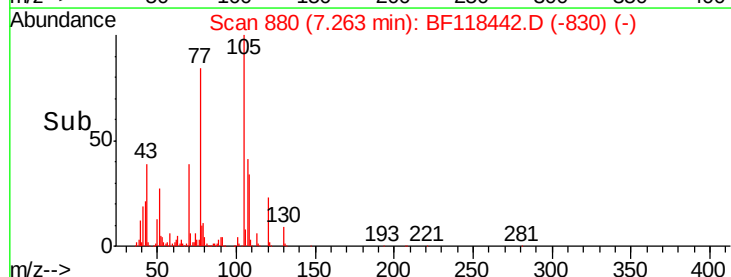
Abundance

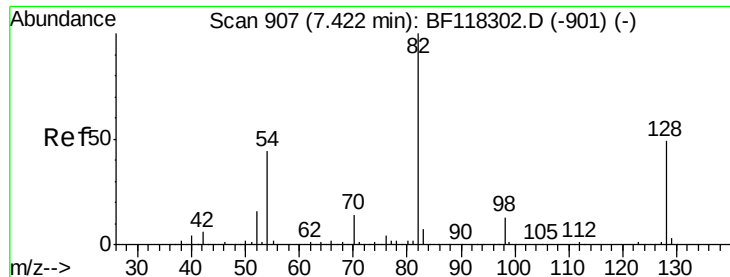
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





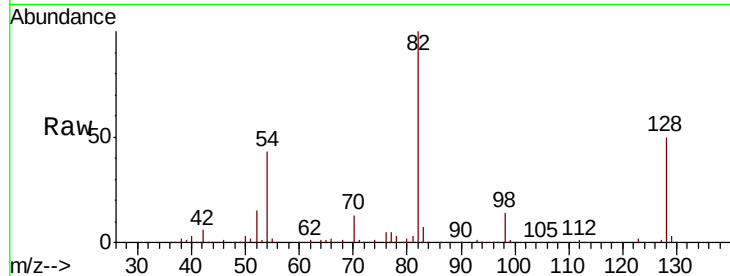
#23
 Nitrobenzene-d5
 Concen: 86.648 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

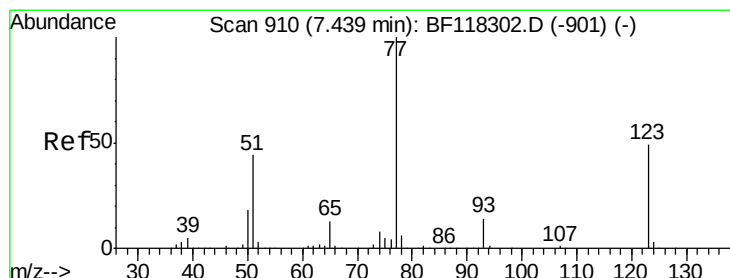
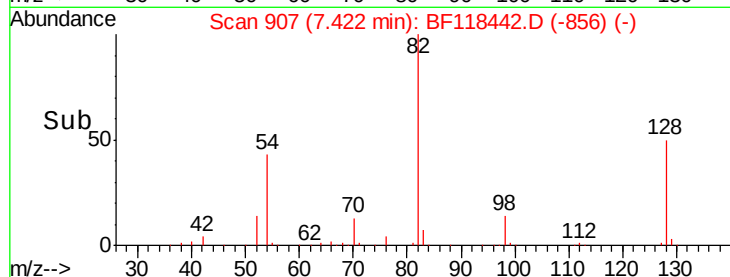
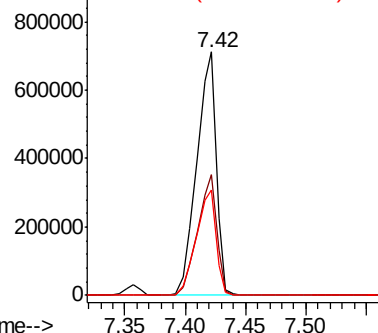
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	39.6	59.4
54	43.5	34.9	52.3

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:04:18 AM

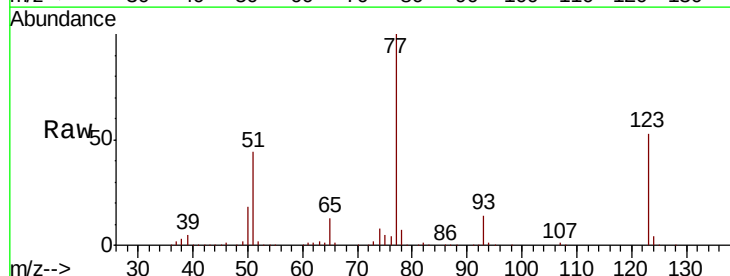


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

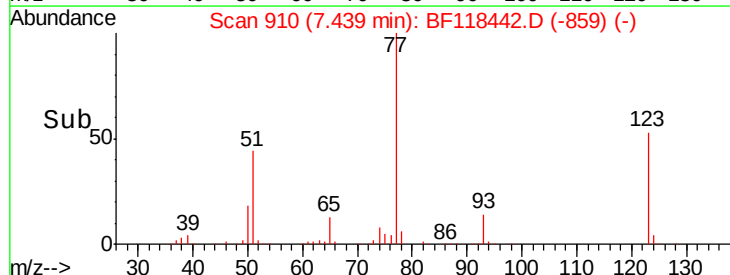
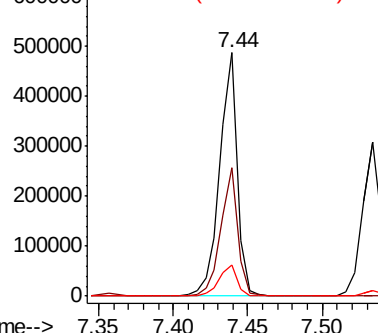


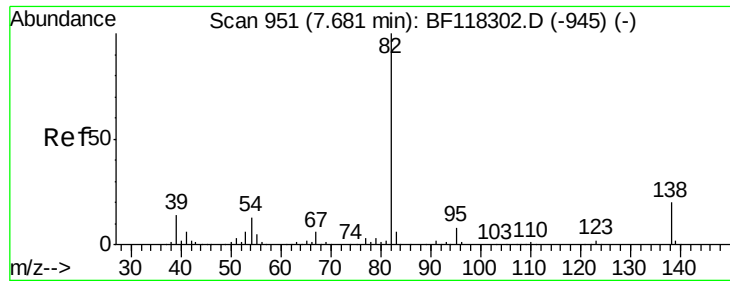
#24
 Nitrobenzene
 Concen: 43.242 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	39.1	58.7
65	13.0	10.6	16.0



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: 44.264 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

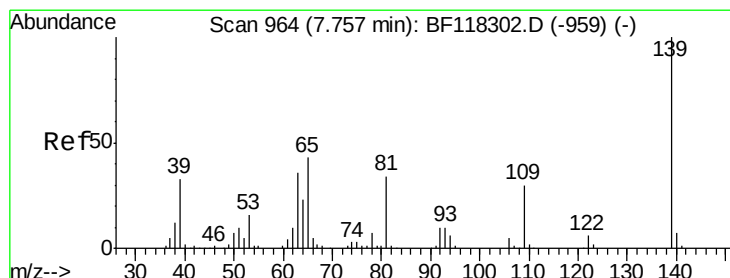
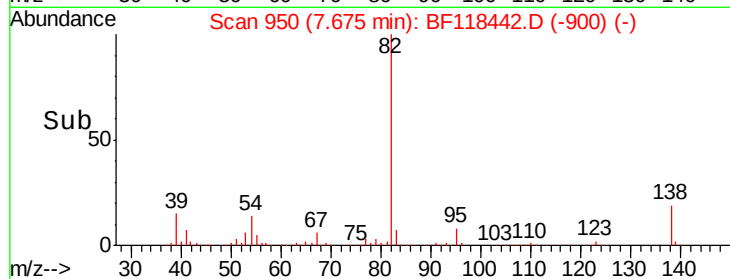
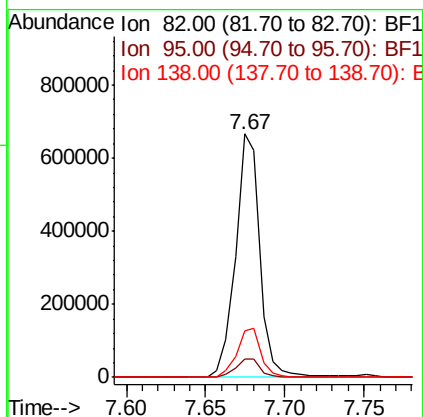
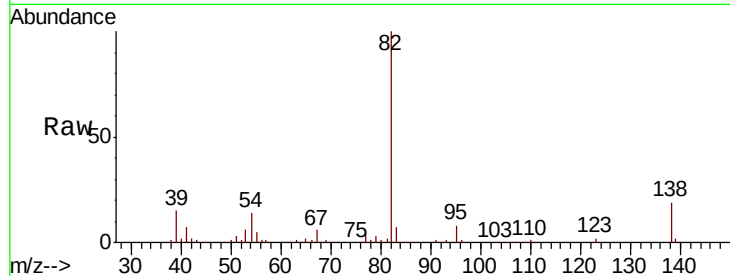
ClientSampleId :

EO-O1-122719MS

Tot Ion:	82	Resp:	708171
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	19.0	16.2	24.2

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



#26

2-Nitrophenol

Concen: 44.975 ng

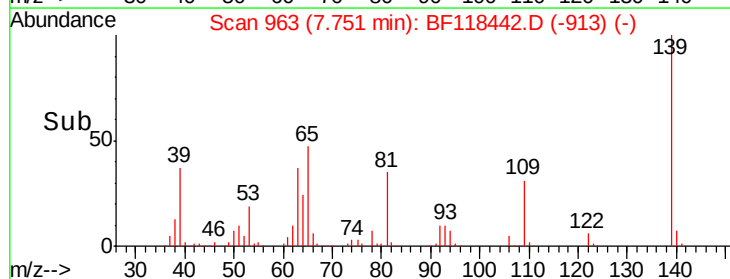
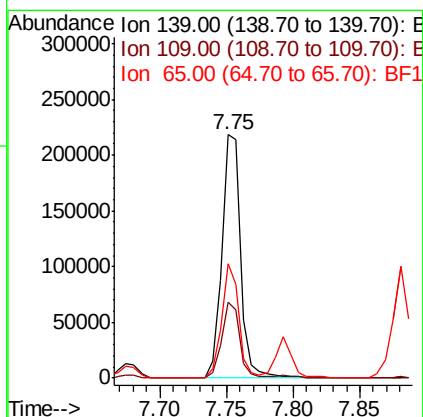
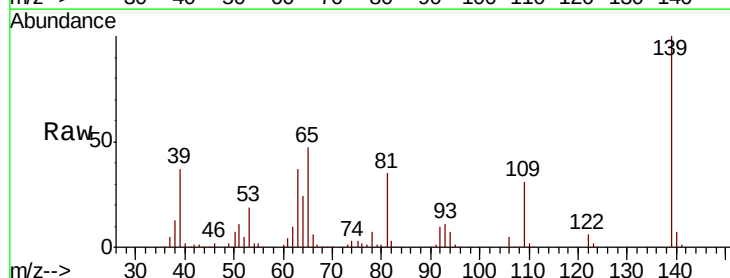
RT: 7.75 min Scan# 963

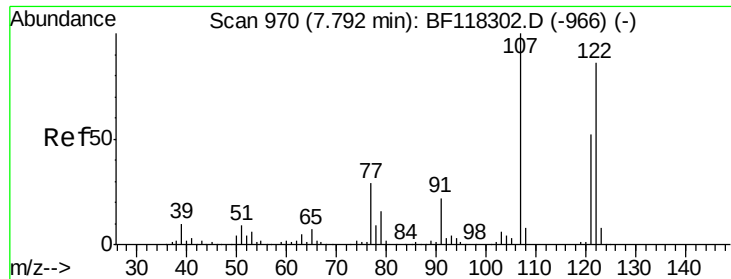
Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Tgt Ion:	139	Resp:	219063
Ion Ratio	Lower	Upper	
139	100		
109	31.4	24.1	36.1
65	47.1	34.6	52.0





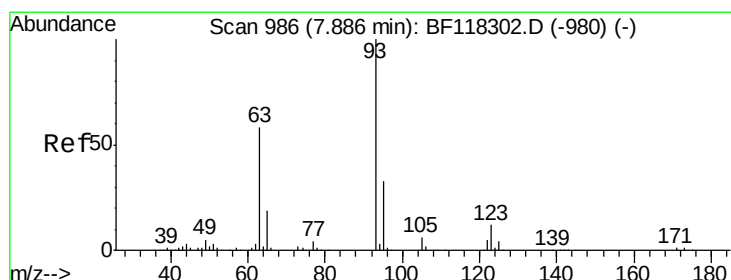
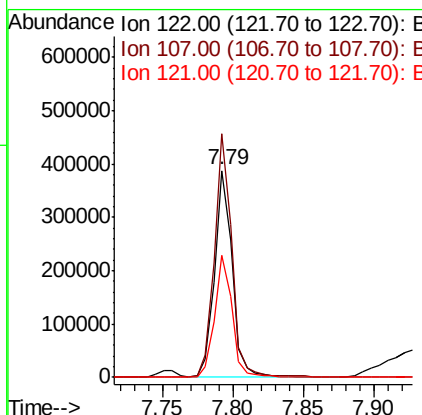
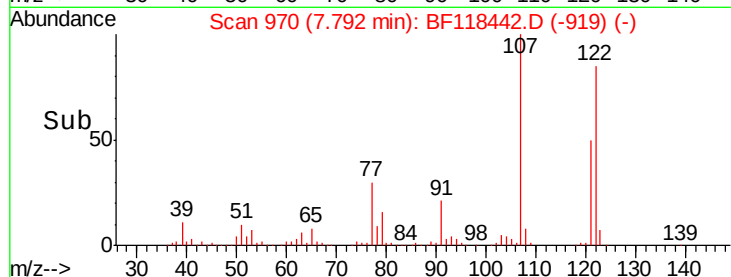
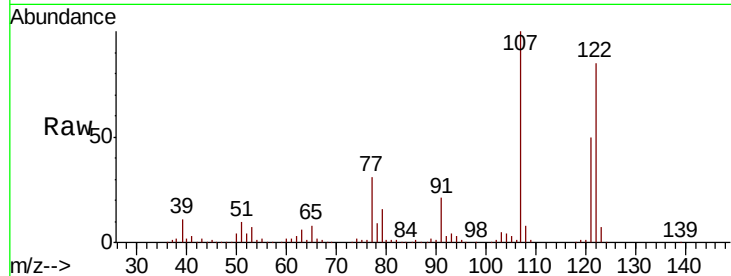
#27
 2,4-Dimethylphenol
 Concen: 50.605 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	92.9	139.3
121	59.1	47.9	71.9

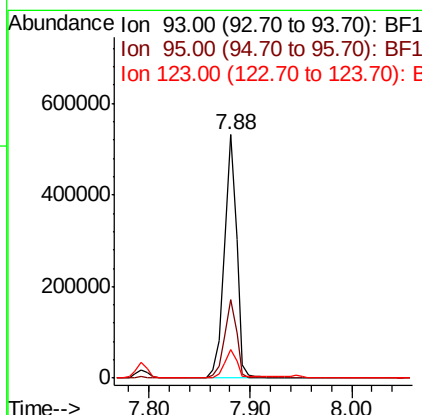
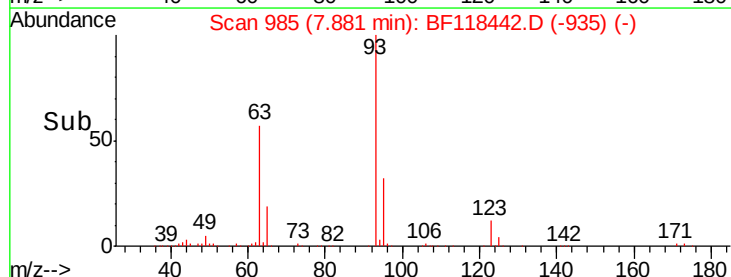
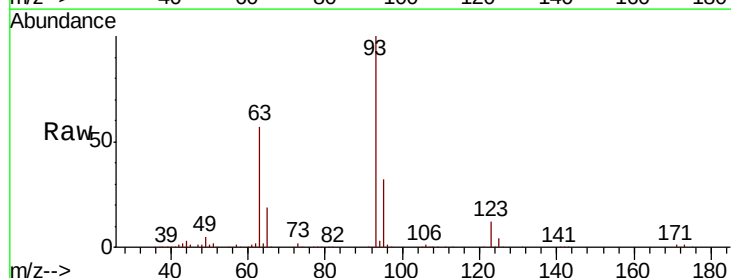
Manual Integrations
 APPROVED

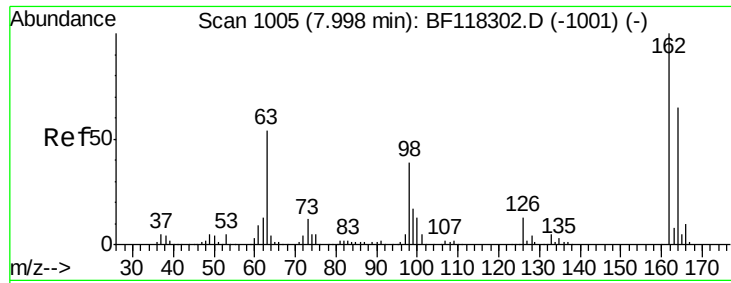
mohammad
 1/3/2020 11:04:18 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.889 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.8	9.8	14.8





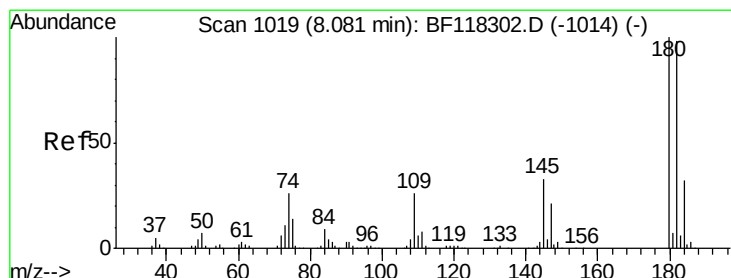
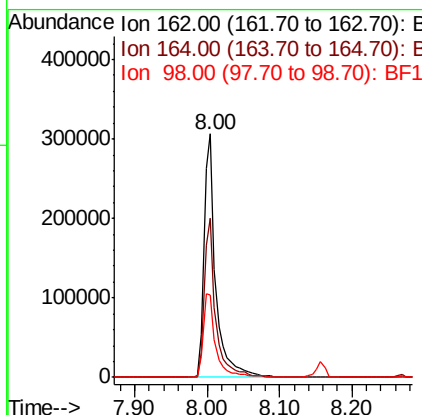
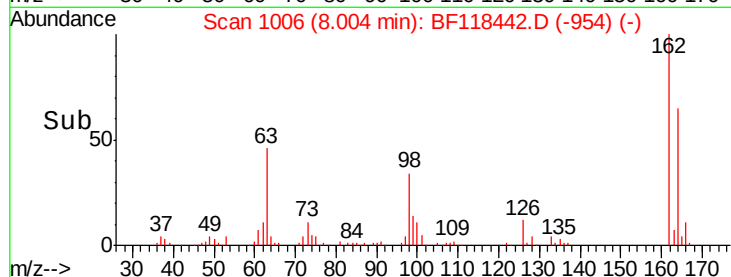
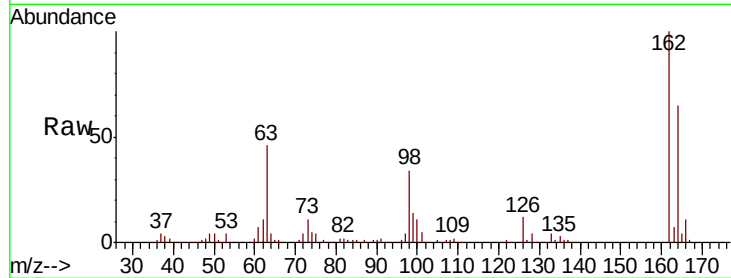
#29
2,4-Dichlorophenol
Concen: 44.579 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	340987		
164	65.4	45.1	85.1	
98	33.6	18.6	58.6	

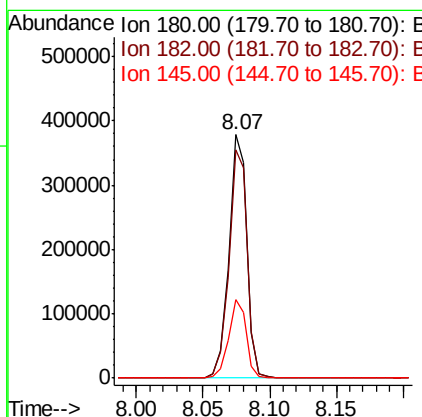
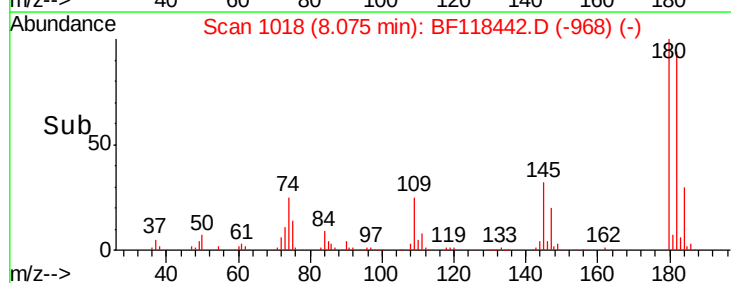
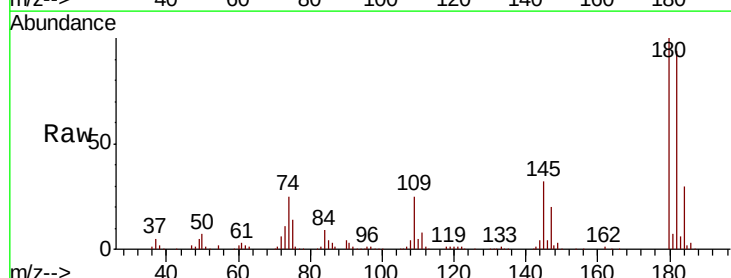
Manual Integrations
APPROVED

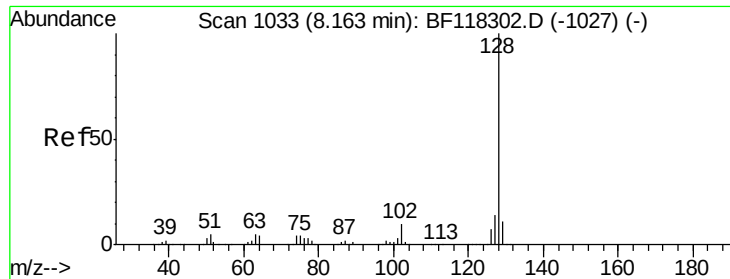
mohammad
1/3/2020 11:04:18 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.315 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359216		
182	93.6	78.3	117.5	
145	32.0	26.7	40.1	





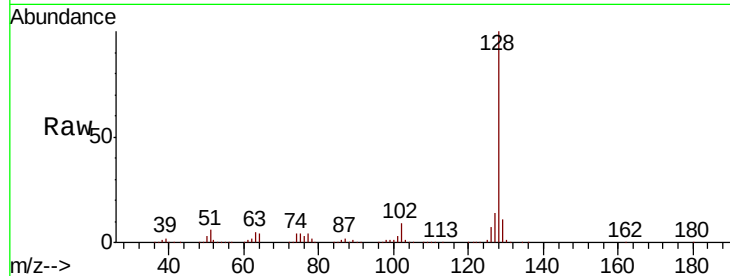
#31
Naphthalene
Concen: 43.304 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

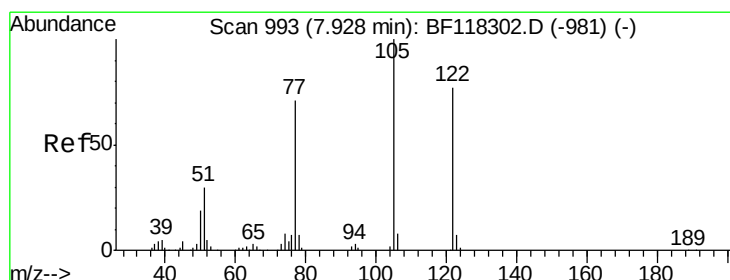
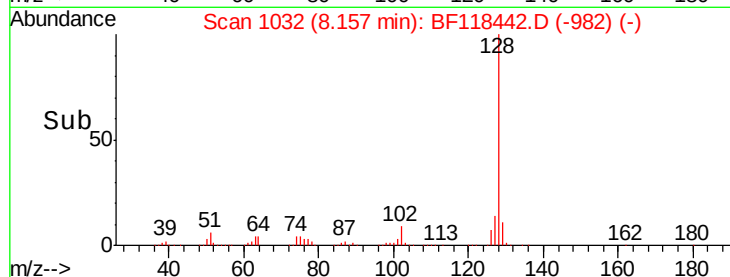
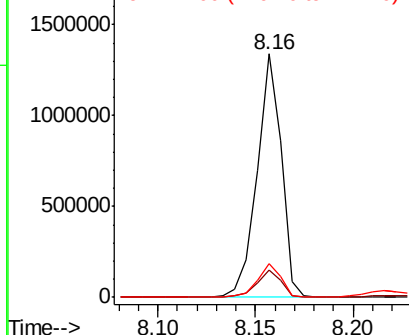
Tot Ion:128 Resp: 1155617
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.6 11.0 16.4

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

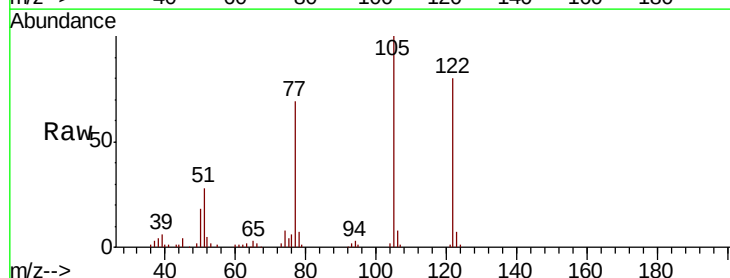


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

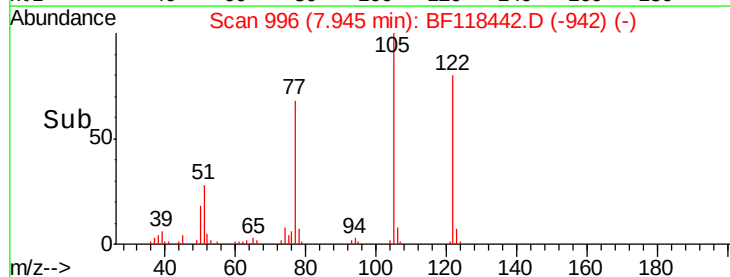
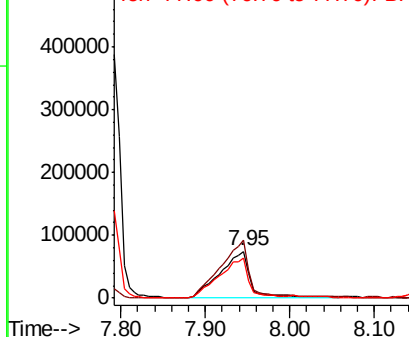


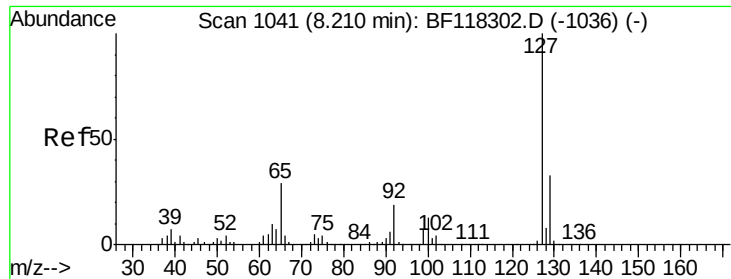
#32
Benzoic acid
Concen: 35.335 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion:122 Resp: 188760
Ion Ratio Lower Upper
122 100
105 124.4 106.8 146.8
77 85.9 70.4 110.4



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





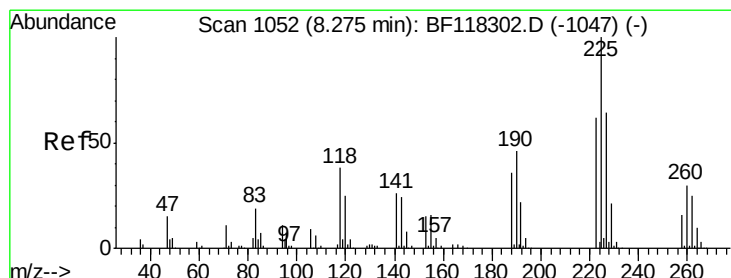
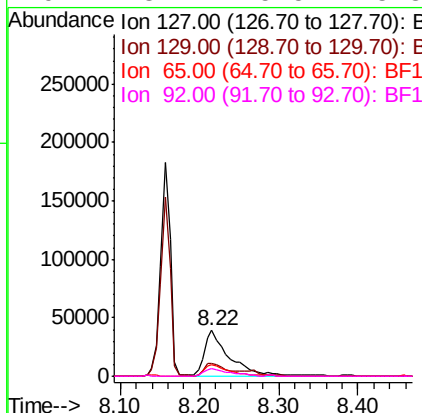
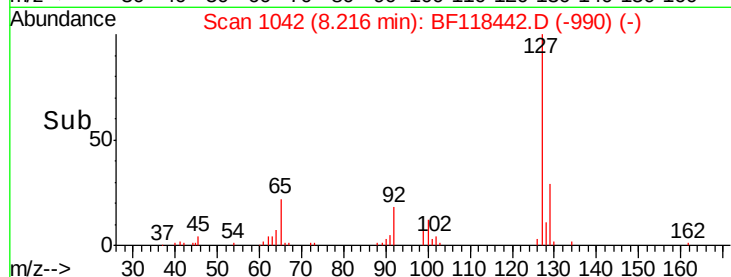
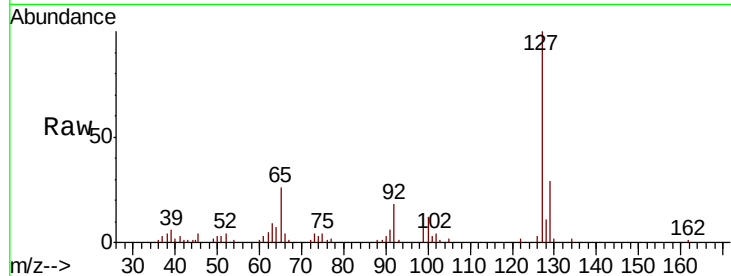
#33
4-Chloroaniline
Concen: 7.387 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.5	26.5	39.7		
65	25.7	22.8	34.2		
92	18.1	15.5	23.3		

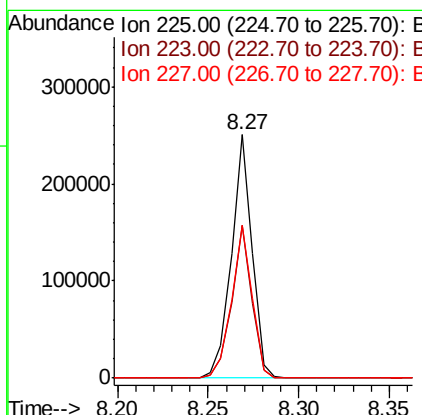
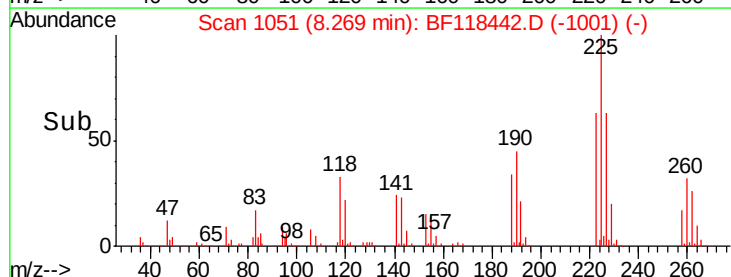
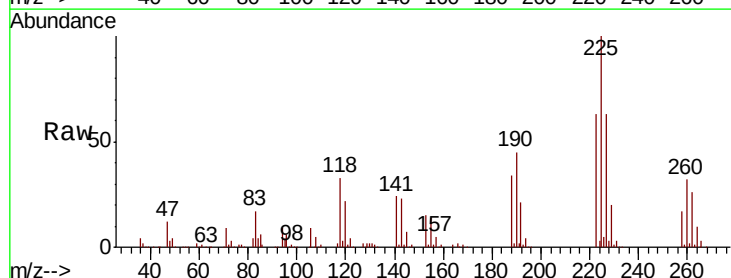
Manual Integrations
APPROVED

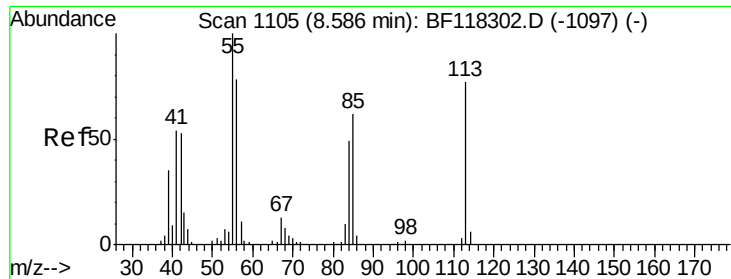
mohammad
1/3/2020 11:04:18 AM



#34
Hexachlorobutadiene
Concen: 37.503 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.5	74.3		
227	62.6	51.0	76.4		





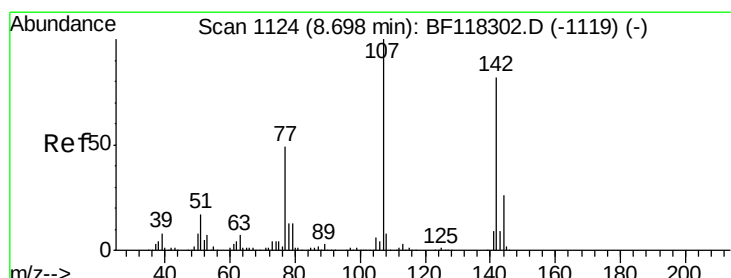
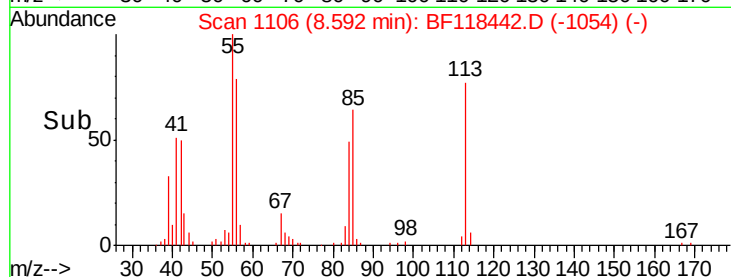
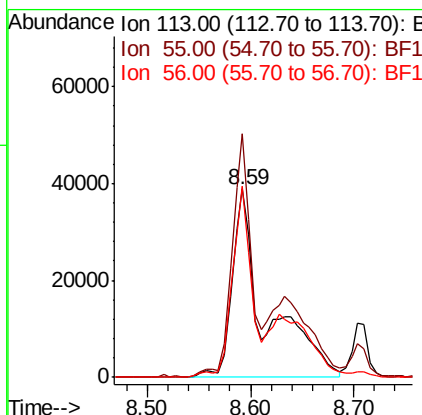
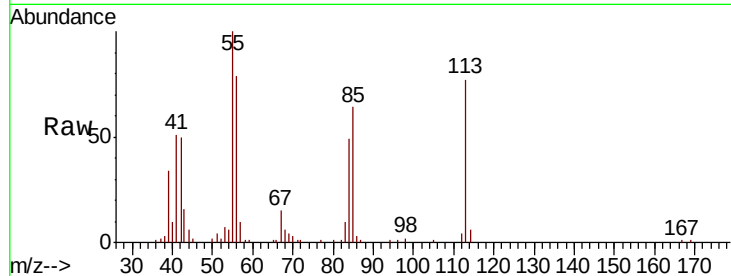
#35
Caprolactam
Concen: 36.298 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	129.5	109.8	149.8	
56	101.9	81.7	121.7	

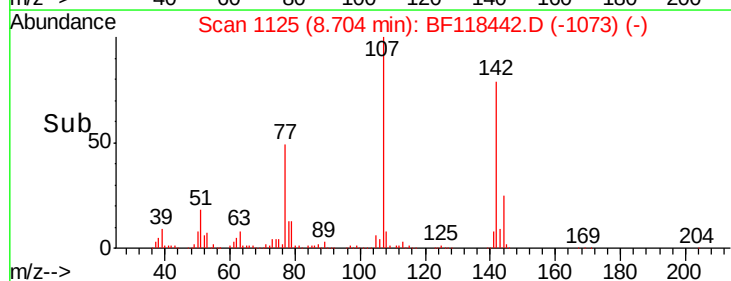
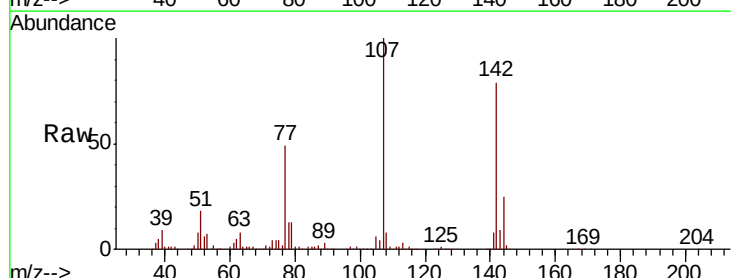
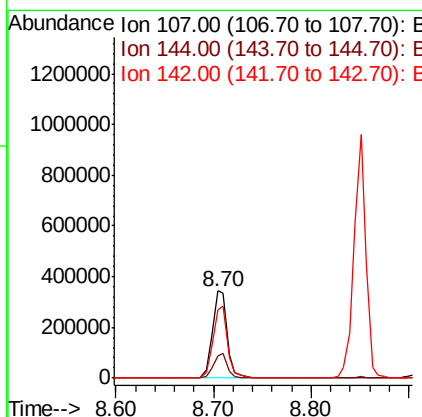
Manual Integrations
APPROVED

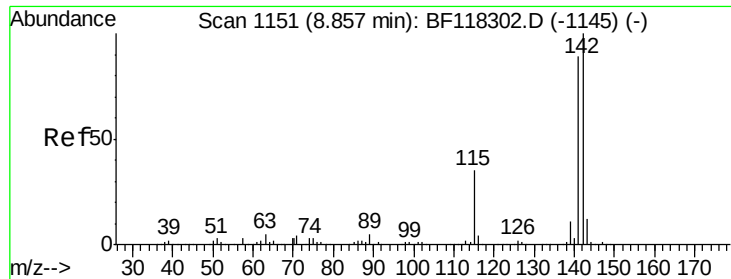
mohammad
1/3/2020 11:04:18 AM



#36
4-Chloro-3-methylphenol
Concen: 43.881 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.4	21.2	31.8	
142	78.6	65.4	98.2	





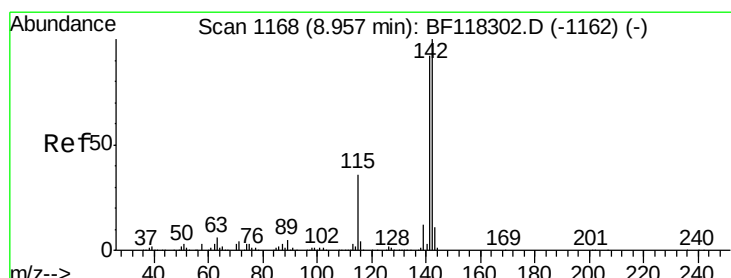
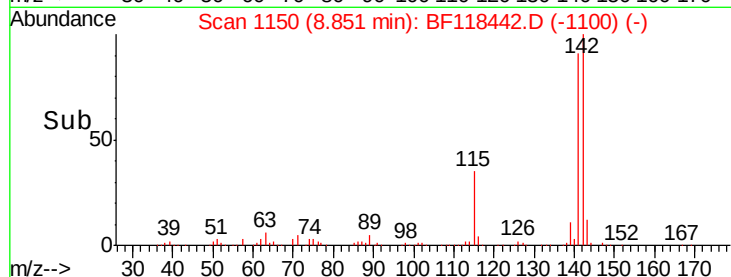
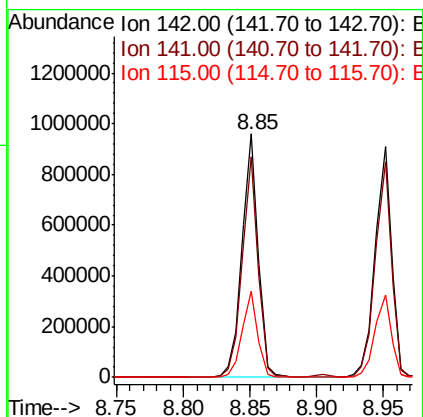
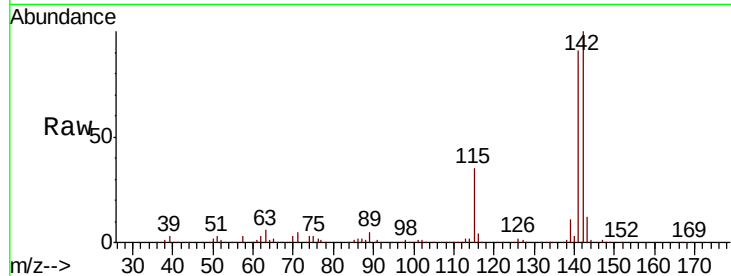
#37
2-Methylnaphthalene
Concen: 44.396 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.2	106.8
115	35.3	28.0	42.0

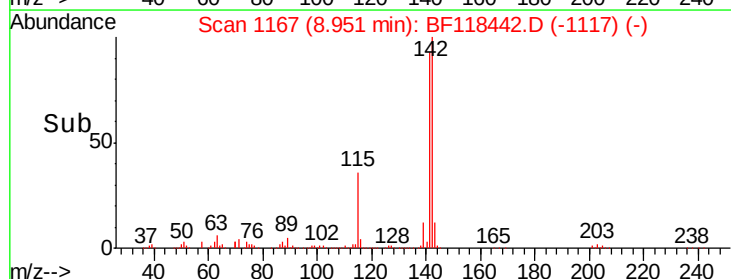
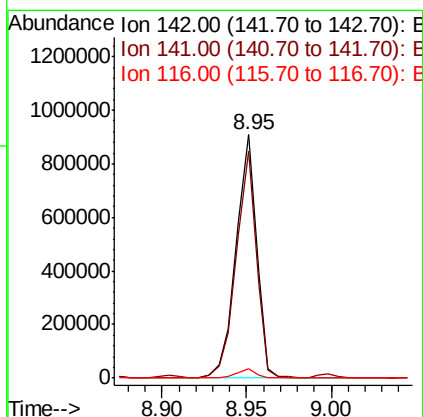
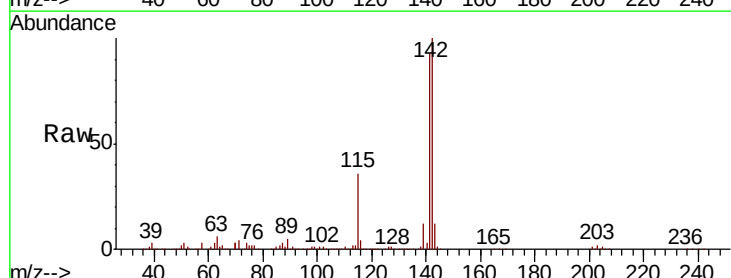
Manual Integrations
APPROVED

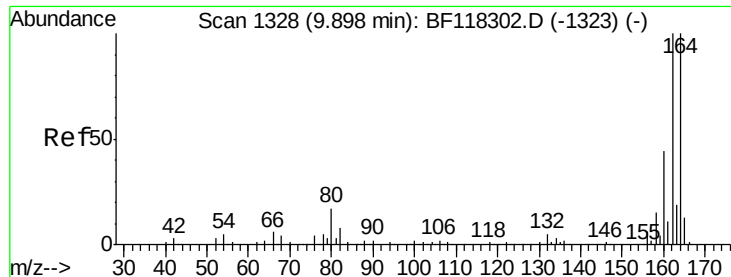
mohammad
1/3/2020 11:04:18 AM



#38
1-Methylnaphthalene
Concen: 44.382 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.4	110.2
116	3.7	2.9	4.3





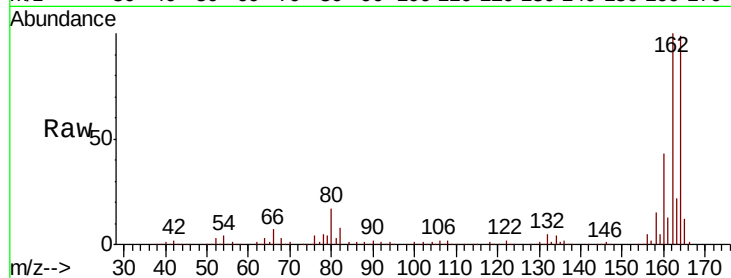
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.0	120.0
160	44.1	34.8	52.2

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

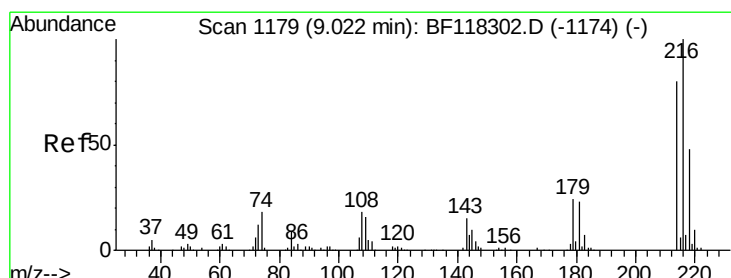
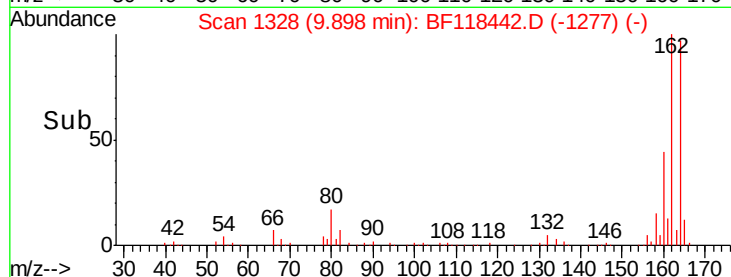
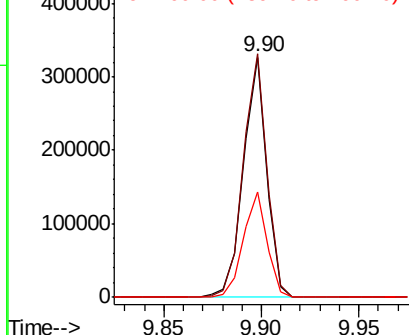


Abundance

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: 43.390 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.3	94.9
179	23.1	18.9	28.3
108	18.9	15.0	22.6

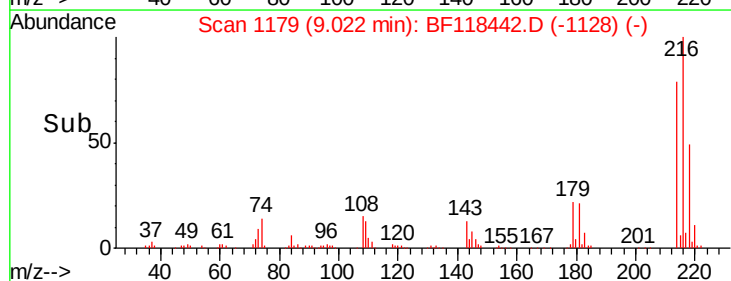
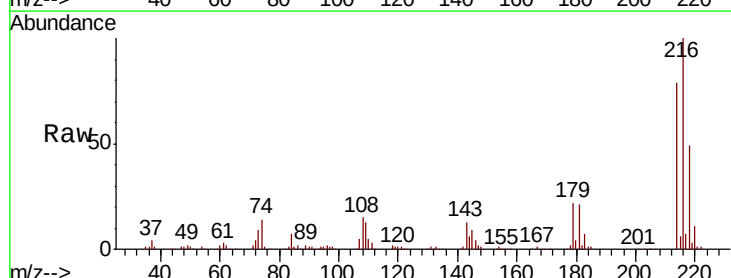
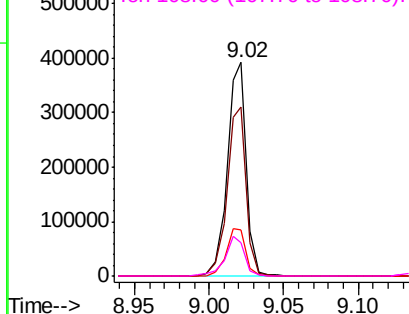
Abundance

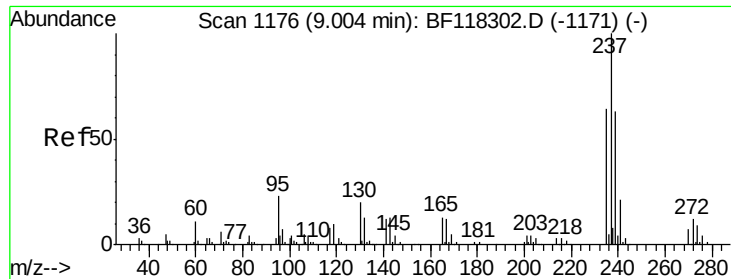
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





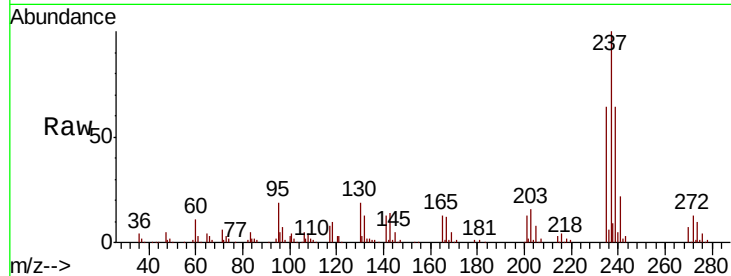
#41
Hexachlorocyclopentadiene
Concen: 32.853 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

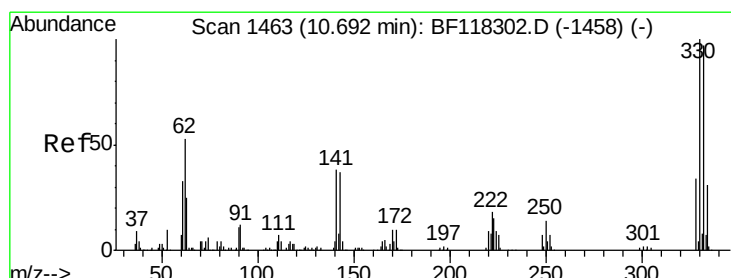
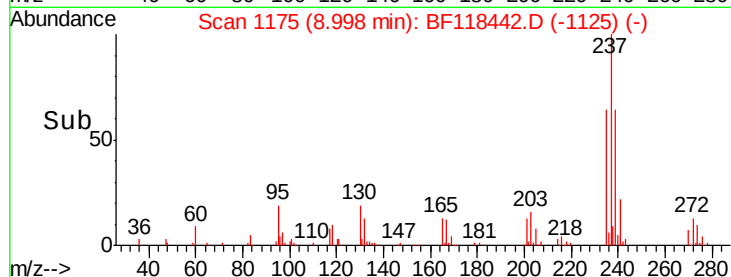
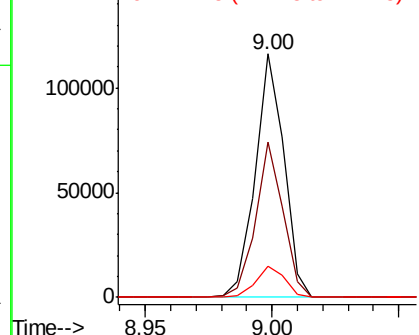
Tot Ion:	237	Resp:	91902
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.8	83.8
272	12.8	0.0	31.7

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

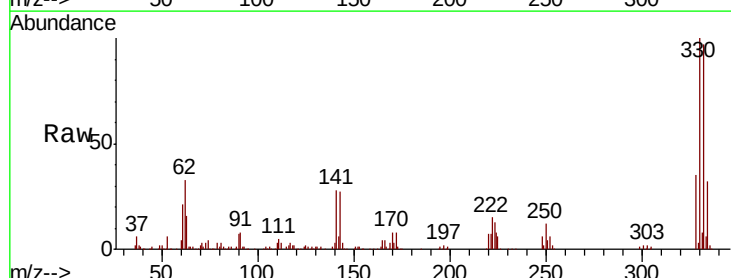


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

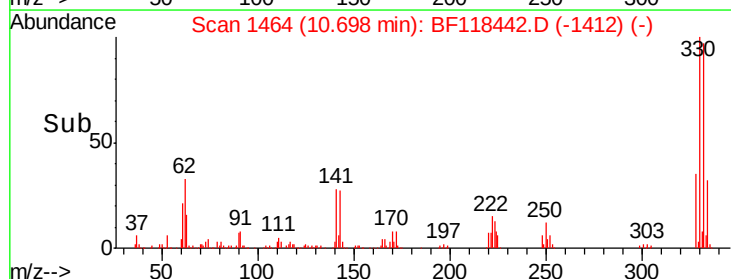
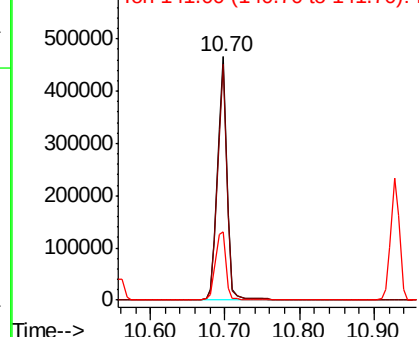


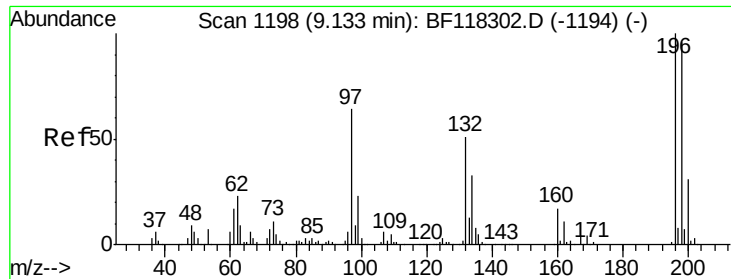
#42
2,4,6-Tribromophenol
Concen: 123.358 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion:	330	Resp:	412165
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	114.8
141	31.3	26.0	39.0



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





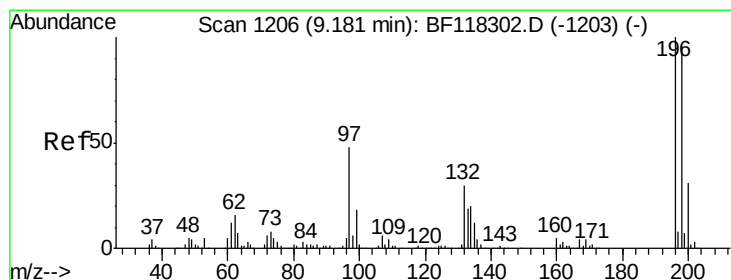
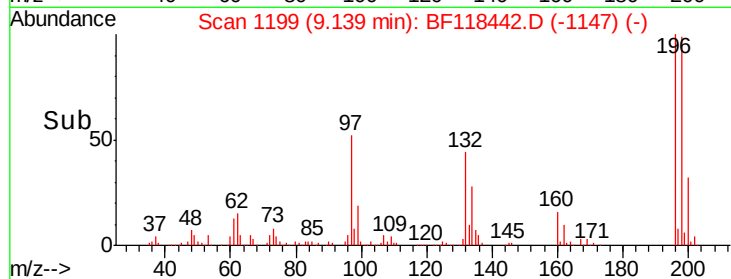
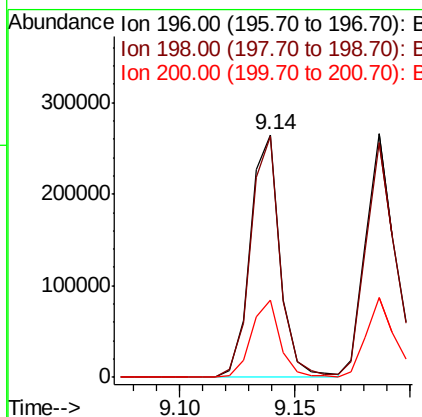
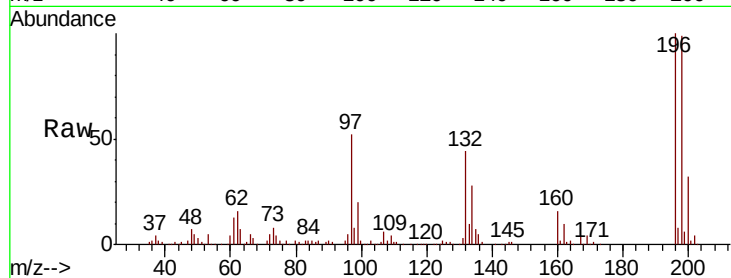
#43
 2,4,6-Trichlorophenol
 Concen: 44.012 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Tot Ion:	196	Resp:	239021
Ion Ratio	Lower	Upper	
196	100		
198	99.4	76.7	115.1
200	31.9	24.8	37.2

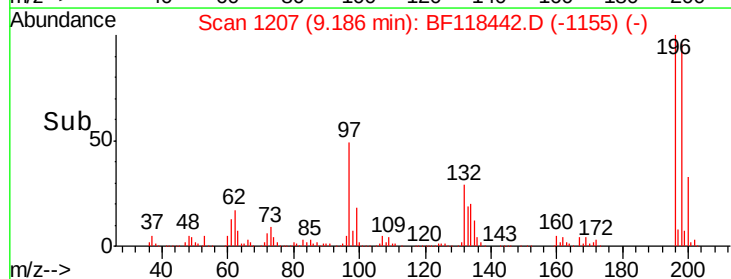
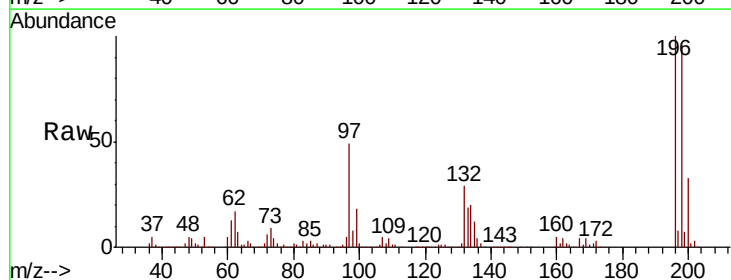
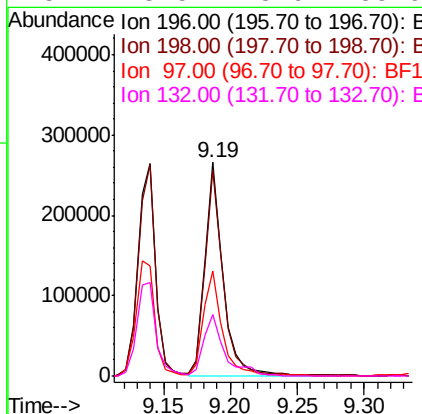
Manual Integrations
 APPROVED

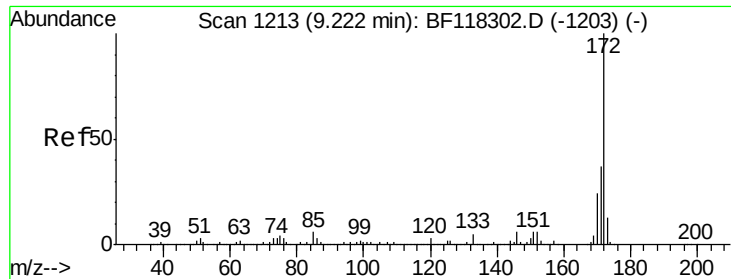
mohammad
 1/3/2020 11:04:18 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.865 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion:	196	Resp:	250649
Ion Ratio	Lower	Upper	
196	100		
198	96.3	77.0	115.4
97	48.9	38.9	58.3
132	28.5	23.9	35.9





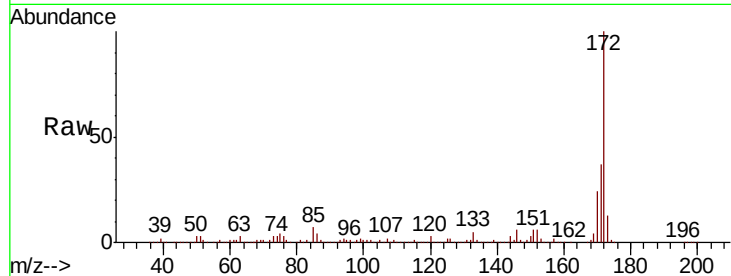
#45
2-Fluorobiphenyl
Concen: 89.795 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	24.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

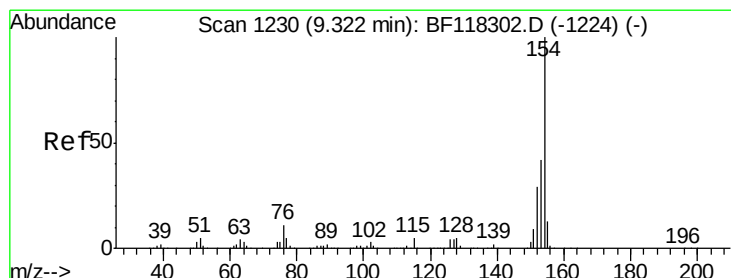
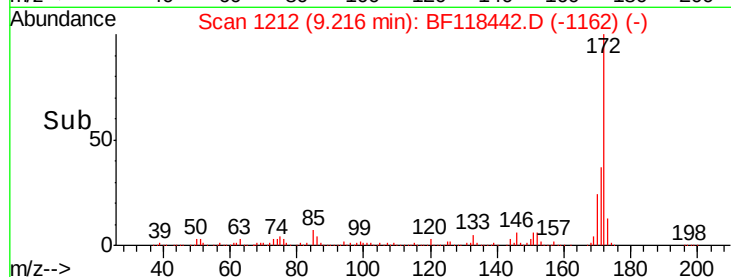
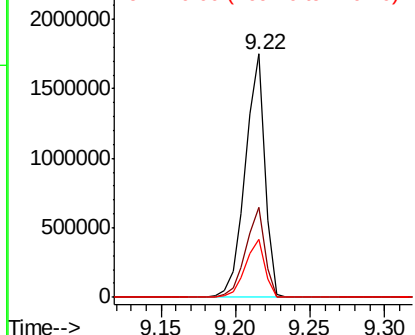


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.195 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

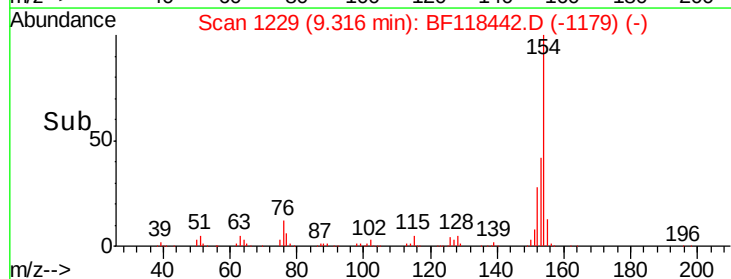
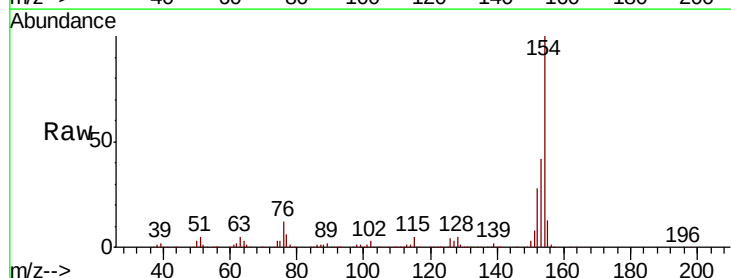
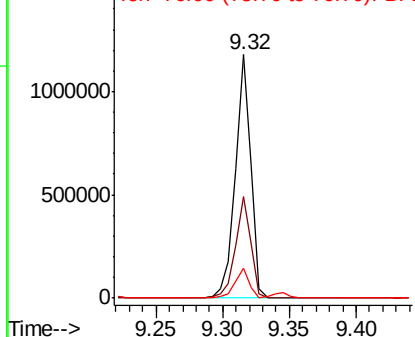
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.8	61.8
76	12.0	0.0	30.9

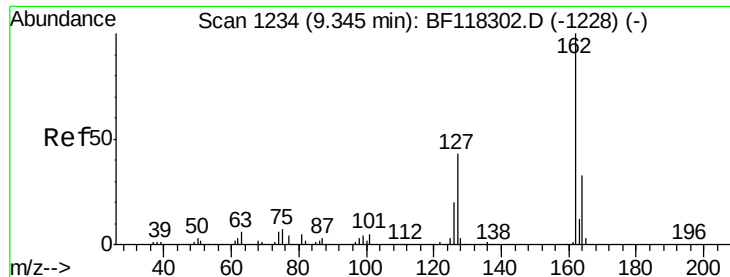
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





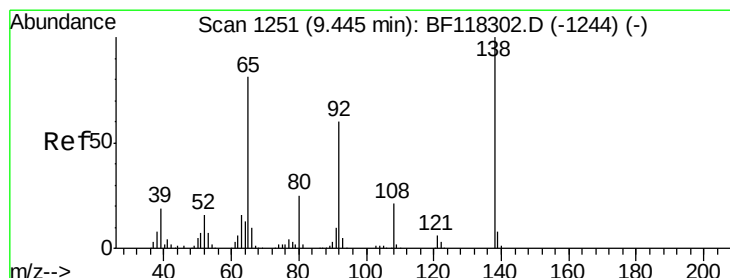
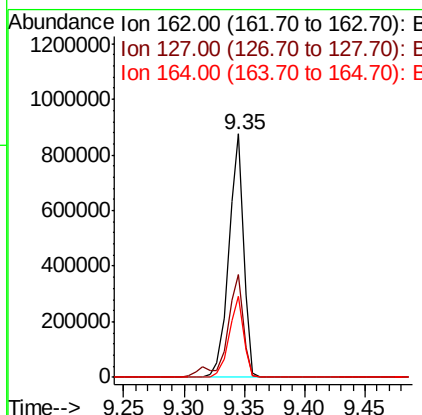
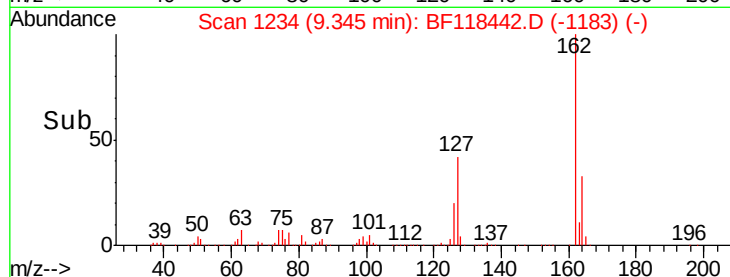
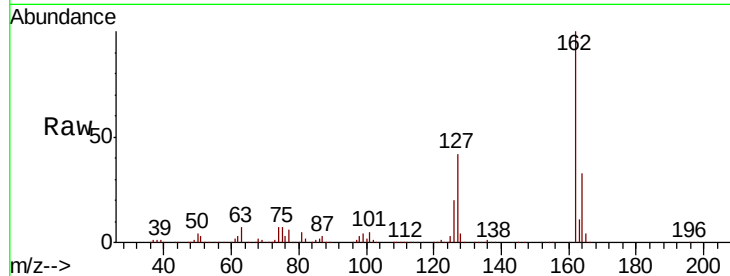
#47
 2-Chloronaphthalene
 Concen: 43.330 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.1		35.0	52.4	
164	33.1		26.6	40.0	

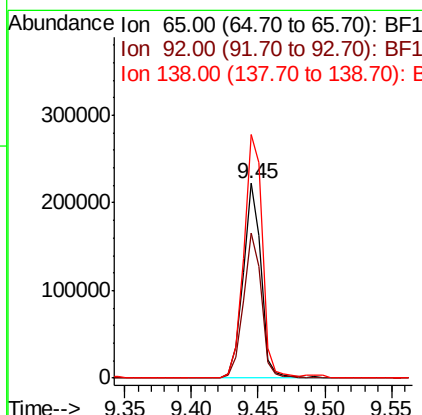
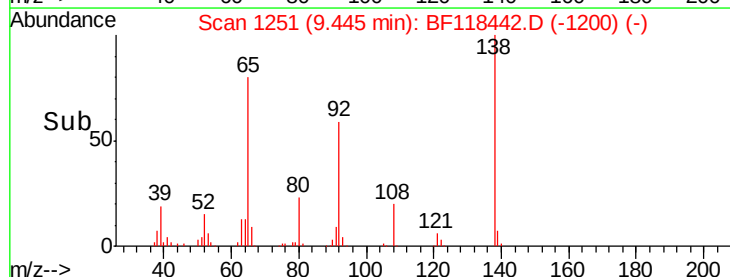
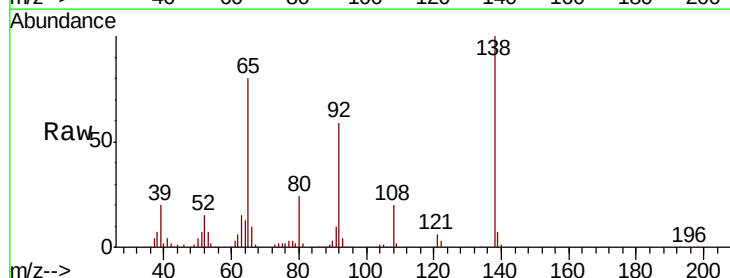
Manual Integrations
 APPROVED

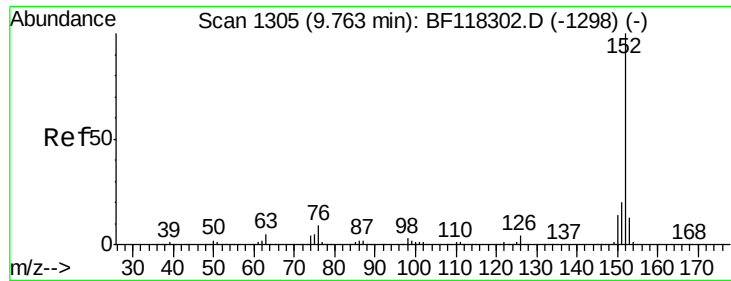
mohammad
 1/3/2020 11:04:18 AM



#48
 2-Nitroaniline
 Concen: 42.409 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	74.3		58.7	88.1	
138	125.1		98.5	147.7	





#49

Acenaphthylene

Concen: 45.132 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

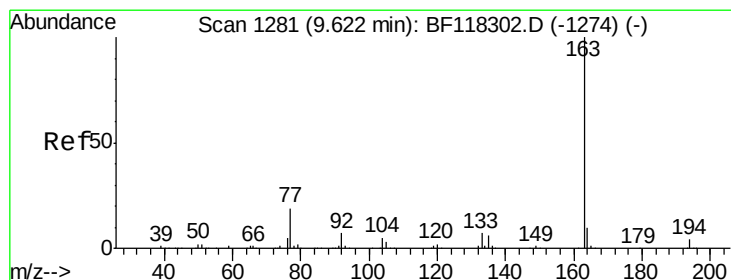
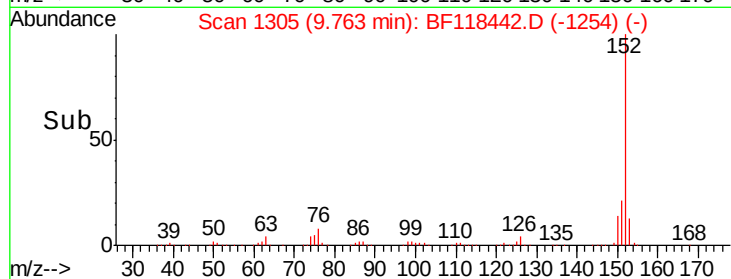
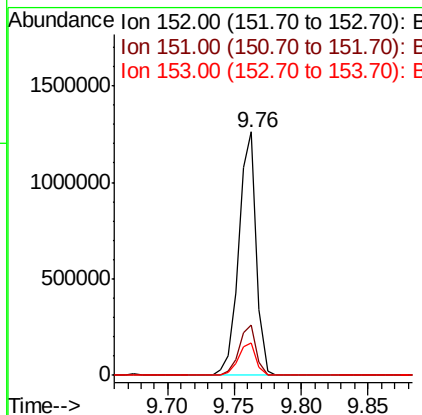
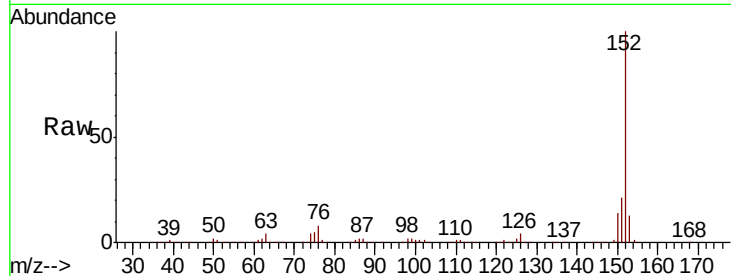
ClientSampleId :

EO-O1-122719MS

Tot Ion:	152	Resp:	1152850
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.4	10.5	15.7

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



#50

Dimethylphthalate

Concen: 45.182 ng

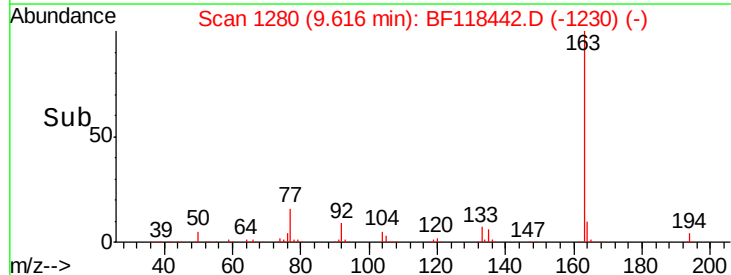
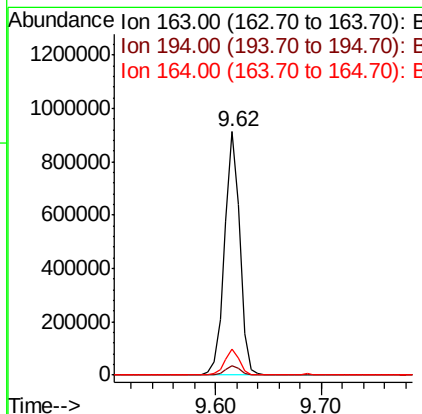
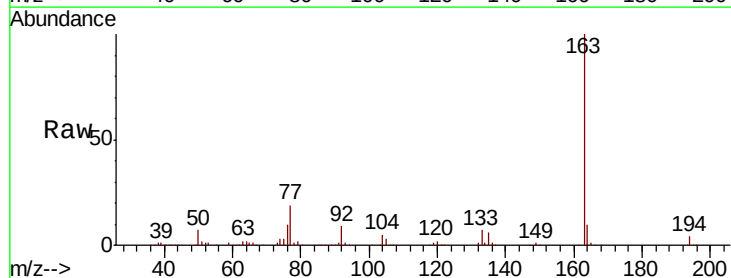
RT: 9.62 min Scan# 1280

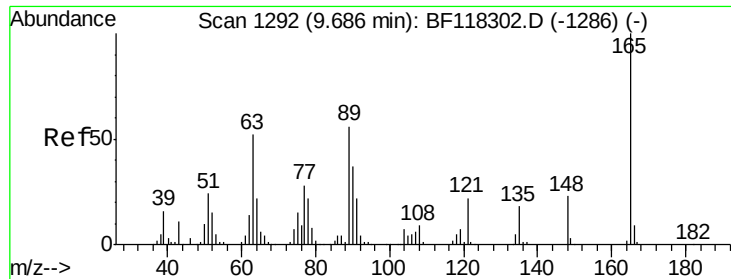
Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Tgt Ion:	163	Resp:	917617
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	7.9	11.9





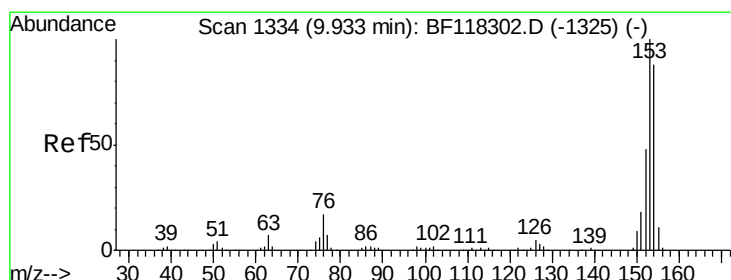
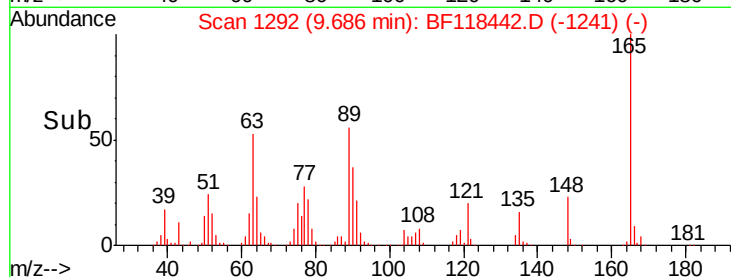
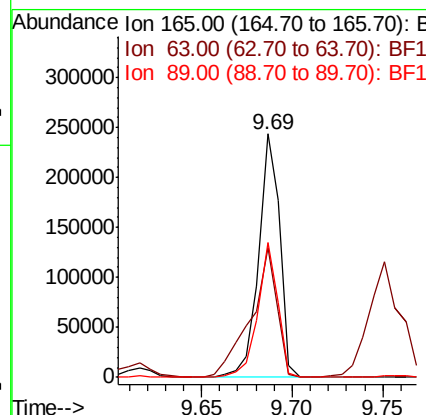
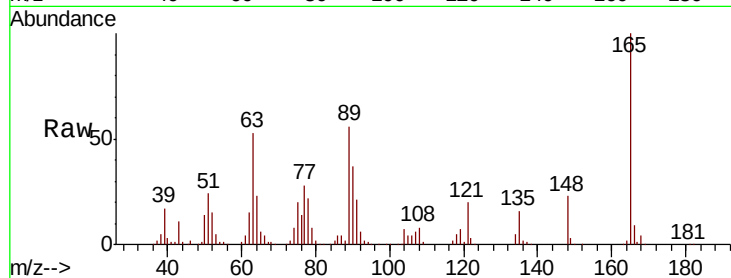
#51
 2,6-Dinitrotoluene
 Concen: 44.956 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Tot Ion:	165	Resp:	196842
Ion Ratio	Lower	Upper	
165	100		
63	53.1	42.2	63.4
89	55.5	44.4	66.6

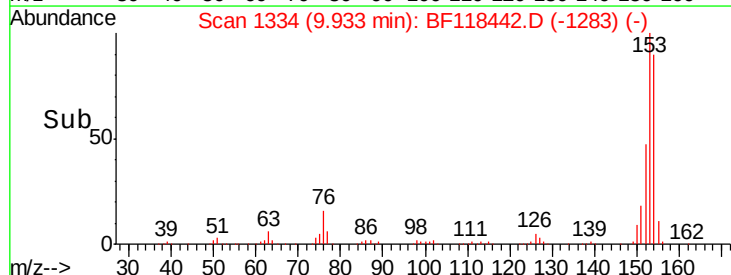
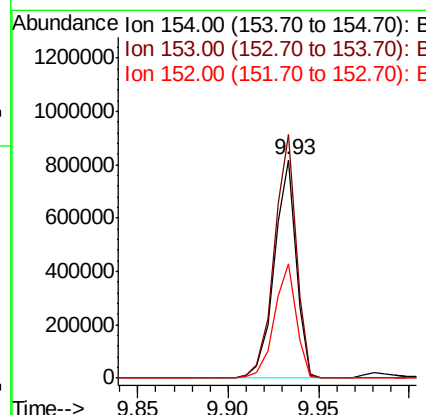
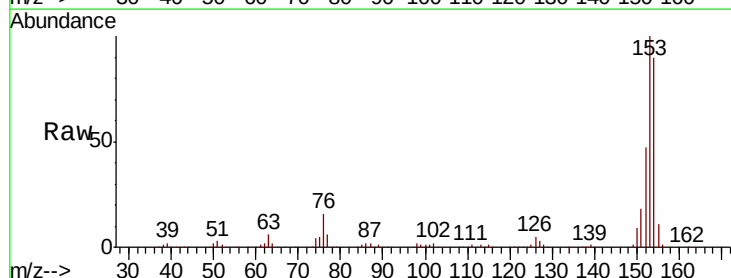
Manual Integrations
 APPROVED

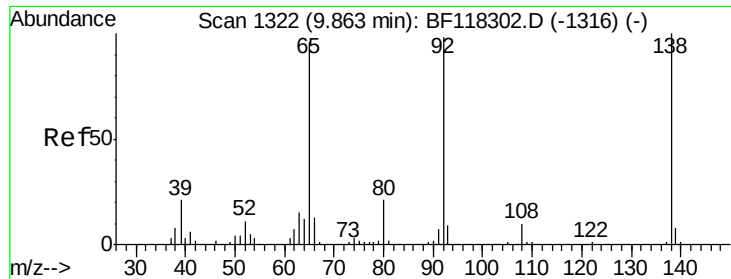
mohammad
 1/3/2020 11:04:18 AM



#52
 Acenaphthene
 Concen: 44.213 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion:	154	Resp:	687910
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.6	136.0
152	52.5	43.1	64.7





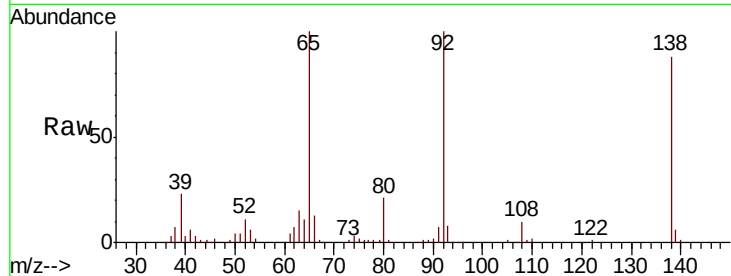
#53
3-Nitroaniline
Concen: 19.712 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.8	11.8
92	113.0	78.2	117.2

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

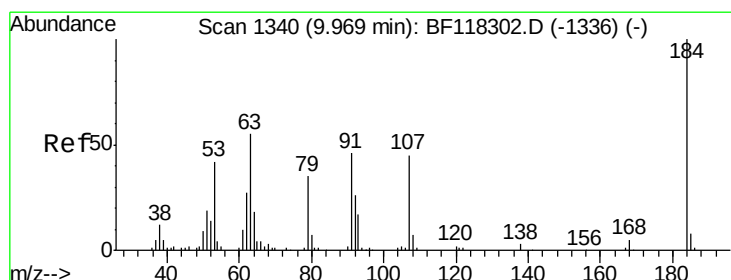
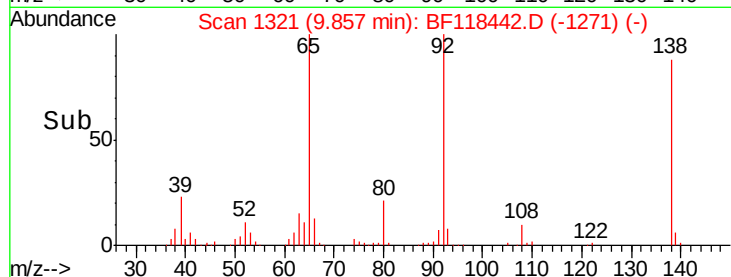
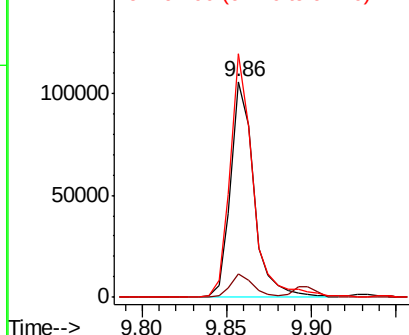


Abundance

Ion 138.00 (137.70 to 138.70): E

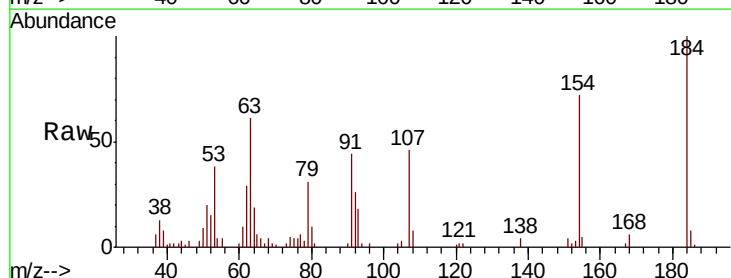
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 21.390 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	48.8	73.2
154	72.3	55.0	82.4

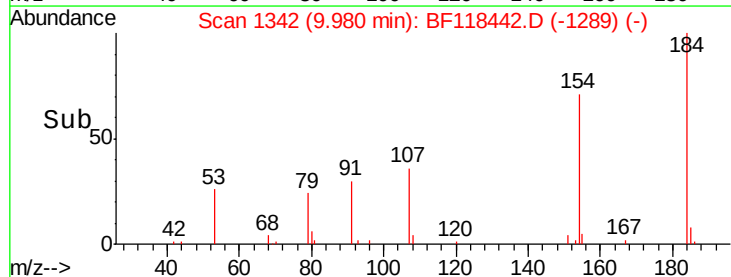
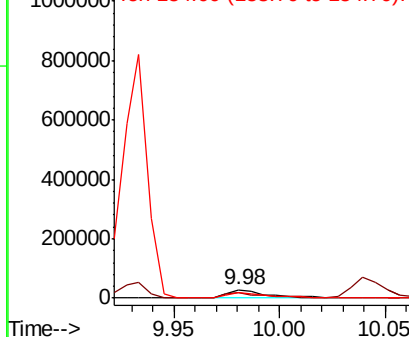


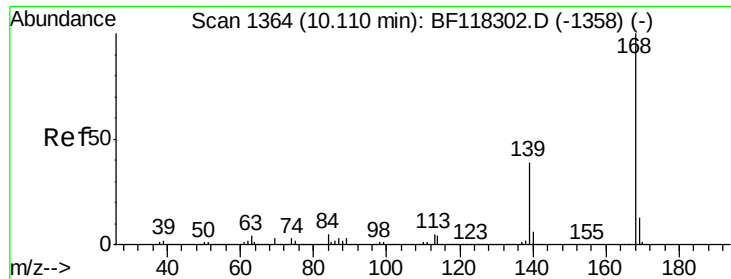
Abundance

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





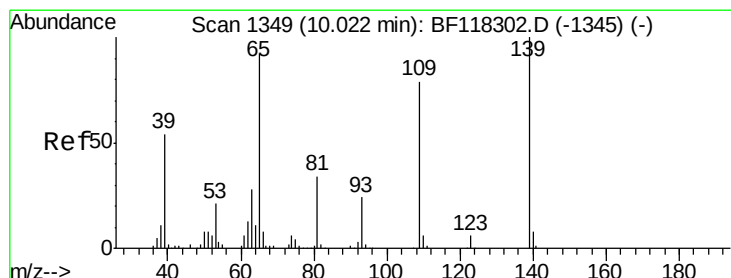
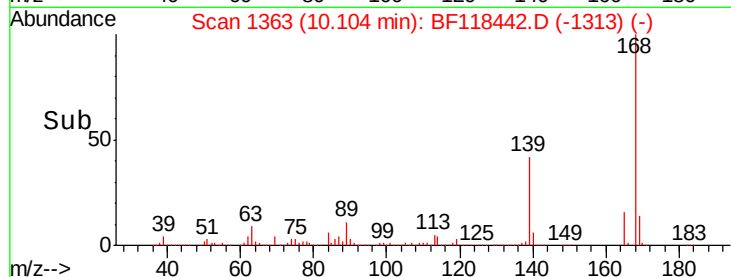
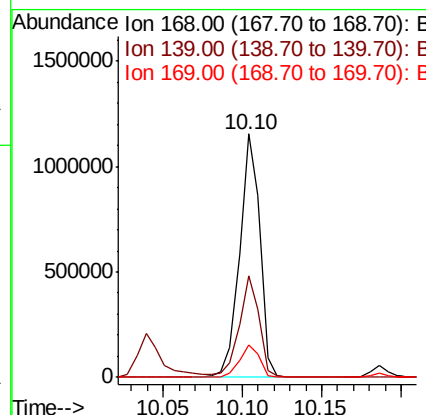
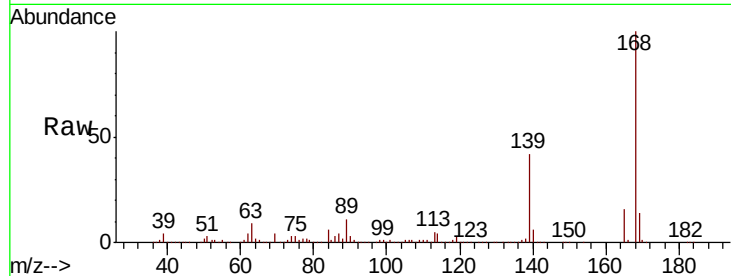
#55
Dibenzofuran
Concen: 44.442 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	31.5	47.3
169	13.5	10.4	15.6

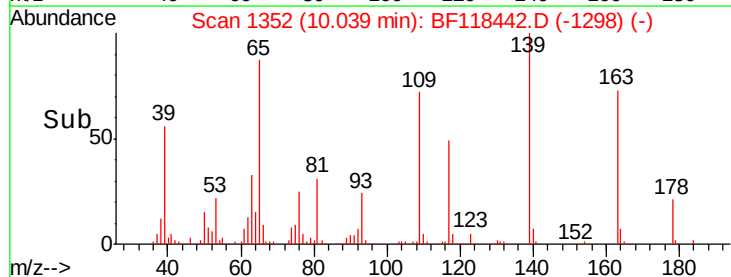
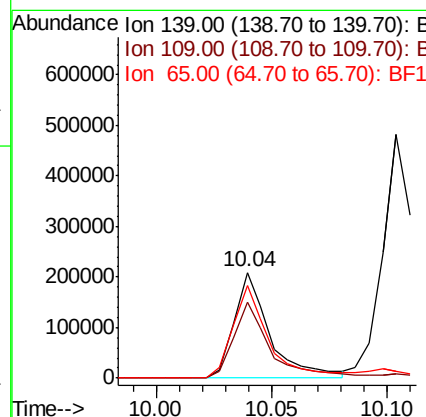
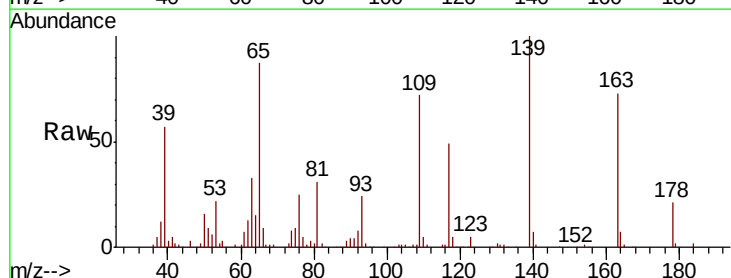
Manual Integrations
APPROVED

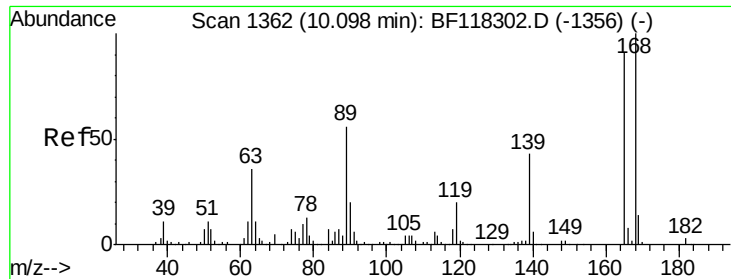
mohammad
1/3/2020 11:04:18 AM



#56
4-Nitrophenol
Concen: 70.940 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	59.3	99.3
65	87.1	72.4	112.4





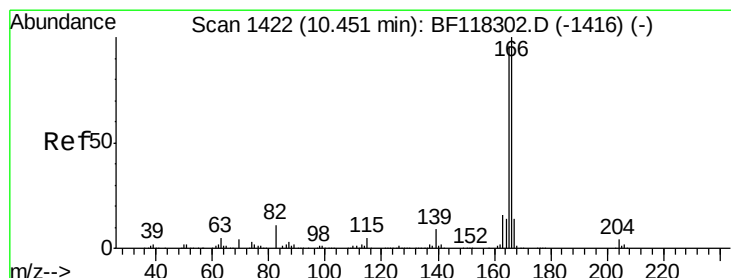
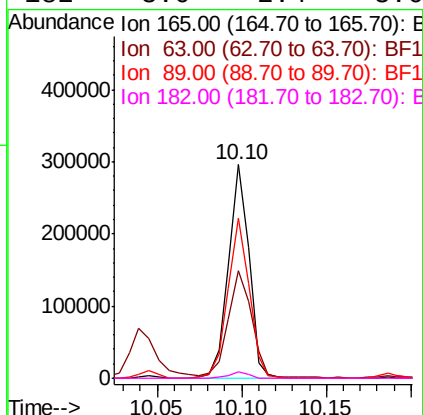
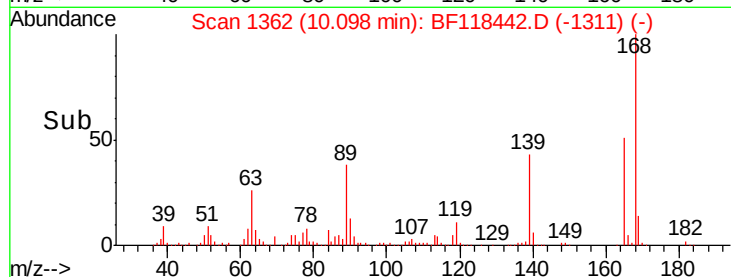
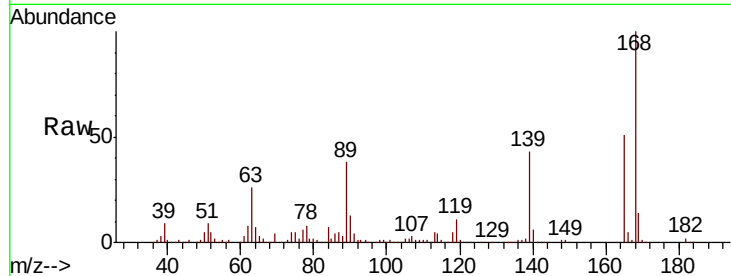
#57
2,4-Dinitrotoluene
Concen: 42.695 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249794		
63	50.6	32.0	48.0#	
89	74.7	49.3	73.9#	
182	3.0	2.4	3.6	

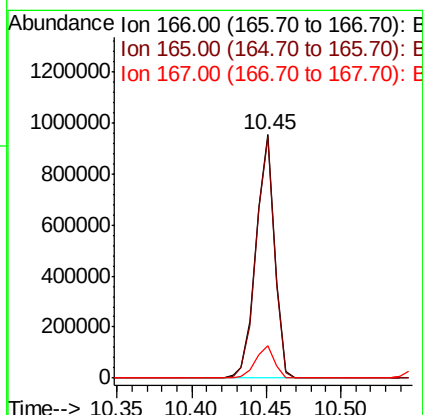
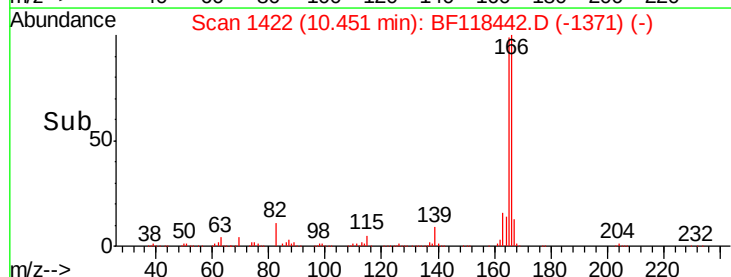
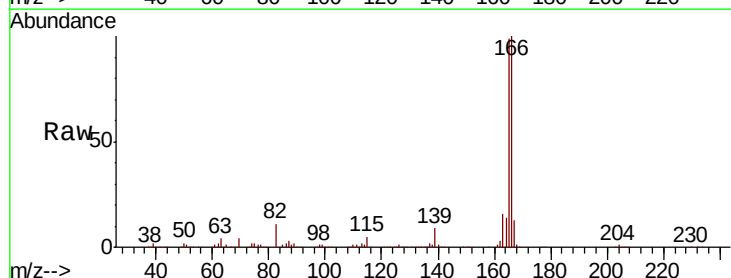
Manual Integrations
APPROVED

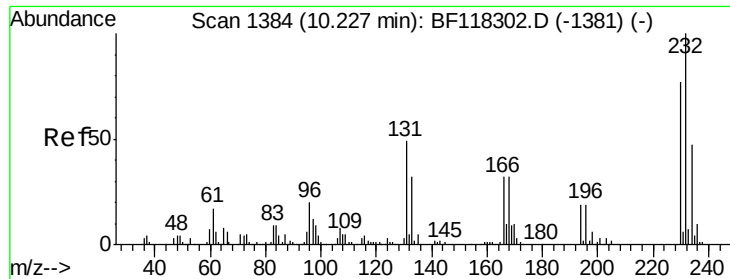
mohammad
1/3/2020 11:04:18 AM



#58
Fluorene
Concen: 43.797 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	812806		
165	99.0	77.0	115.4	
167	13.4	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.945 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MS

Tot Ion:232 Resp: 199108

Ion Ratio Lower Upper

232 100

131 46.0 37.7 56.5

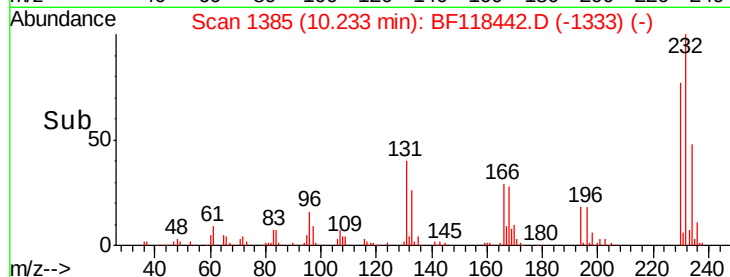
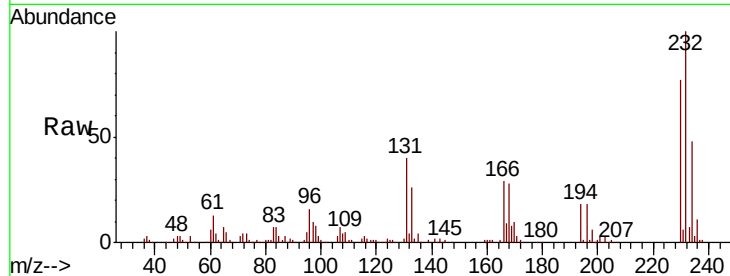
130 2.4 2.0 3.0

166 30.8 24.7 37.1

Manual Integrations
APPROVED

mohammad

1/3/2020 11:04:18 AM

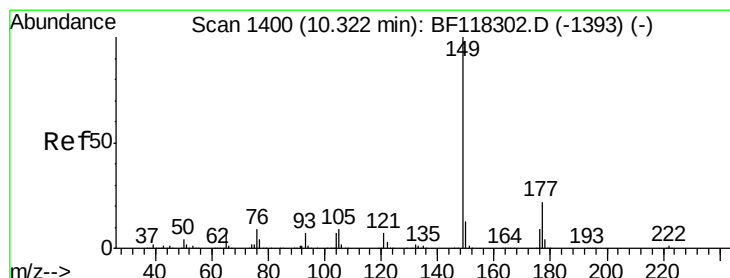
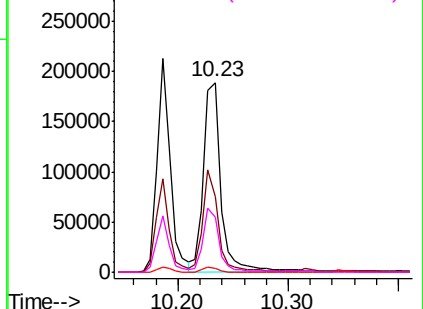


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.079 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

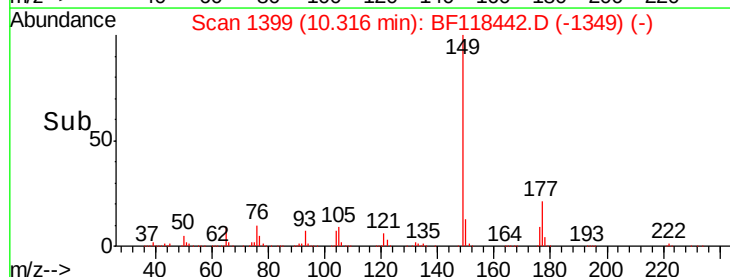
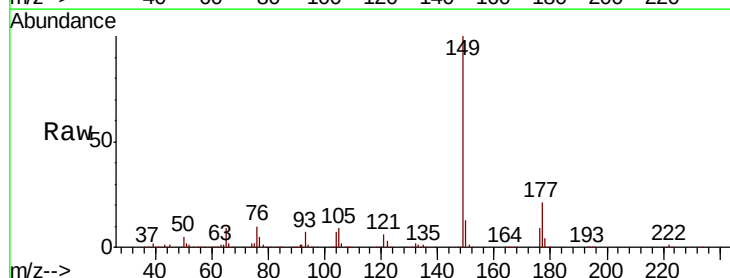
Tgt Ion:149 Resp: 905725

Ion Ratio Lower Upper

149 100

177 21.3 17.9 26.9

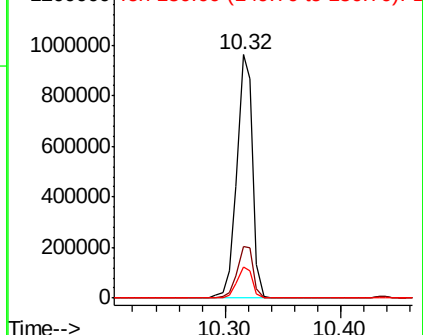
150 12.9 10.2 15.2

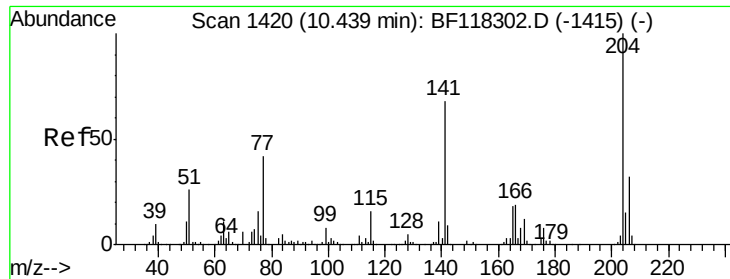


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





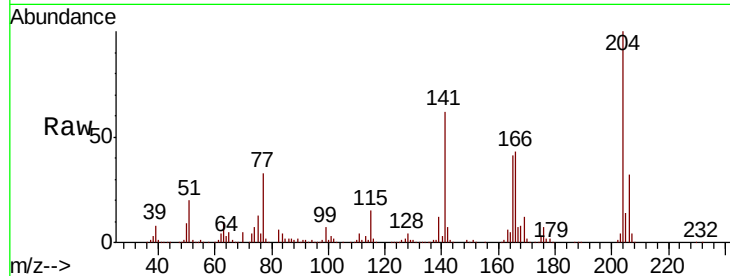
#61
4-Chlorophenyl-phenylether
Concen: 44.419 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.8	38.8
141	61.7	54.2	81.4

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

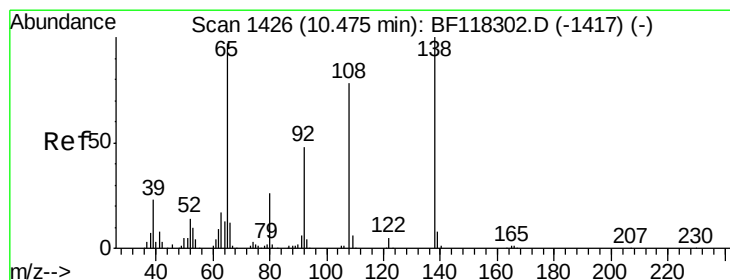
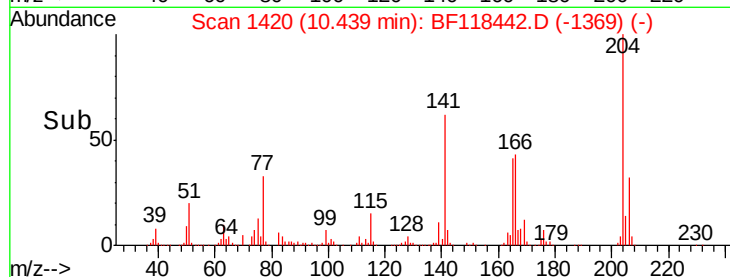
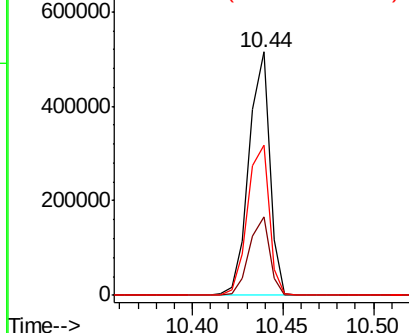


Abundance

Ion 204.00 (203.70 to 204.70): E

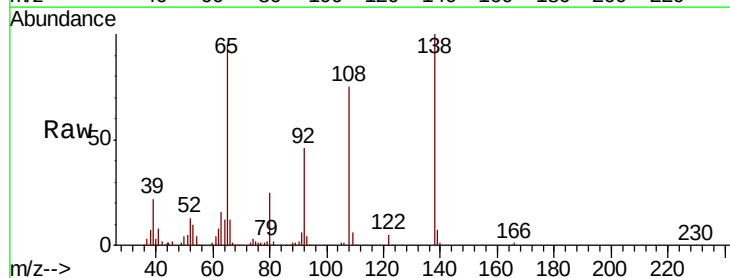
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.618 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	27.9	67.9
108	74.8	58.1	98.1

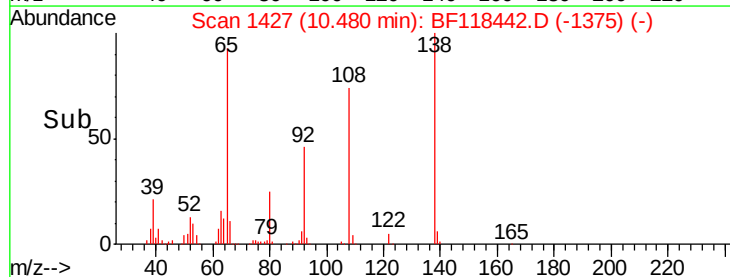
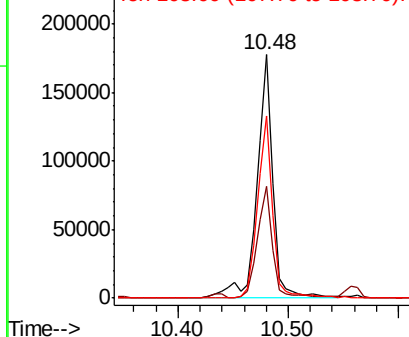


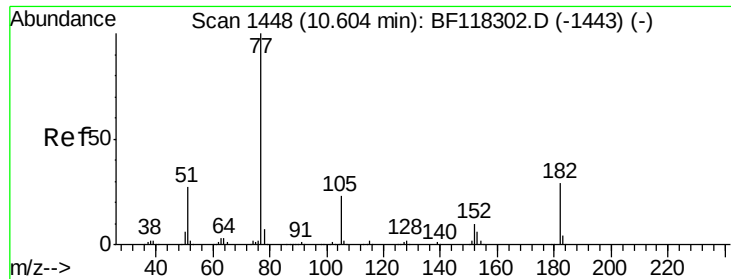
Abundance

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





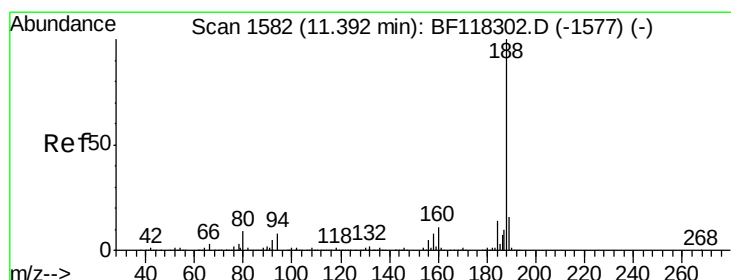
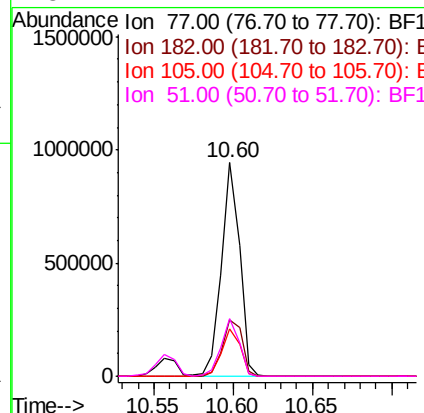
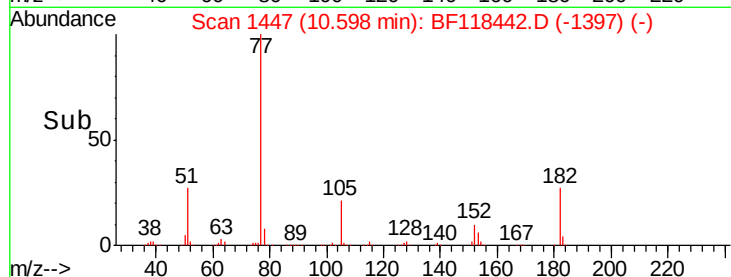
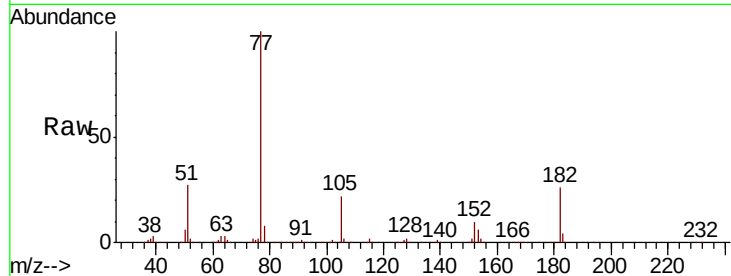
#63
Azobenzene
Concen: 43.606 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	9.2	49.2
105	22.3	3.2	43.2
51	27.2	7.1	47.1

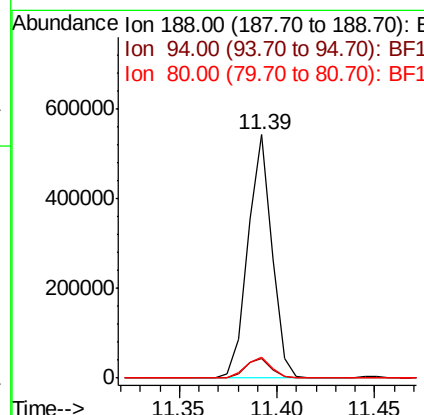
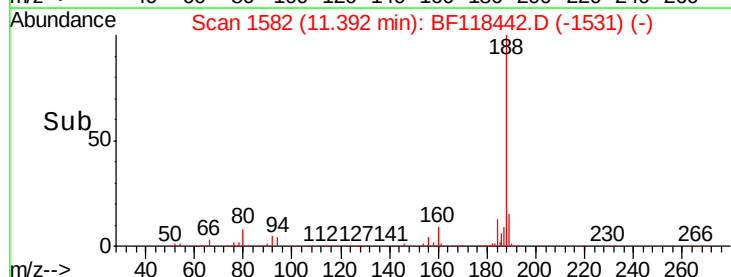
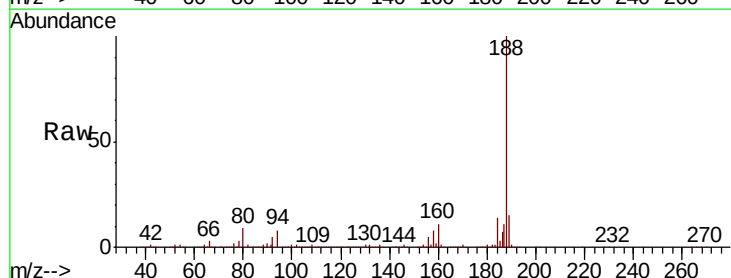
Manual Integrations
APPROVED

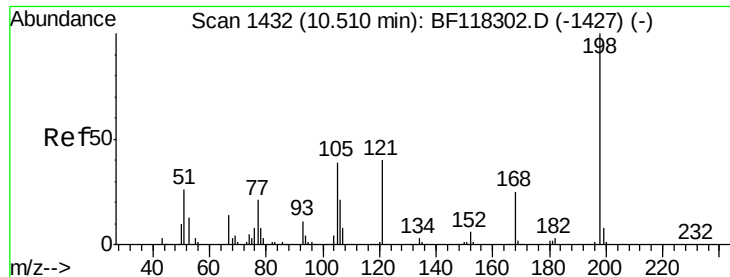
mohammad
1/3/2020 11:04:18 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.6	7.2	10.8





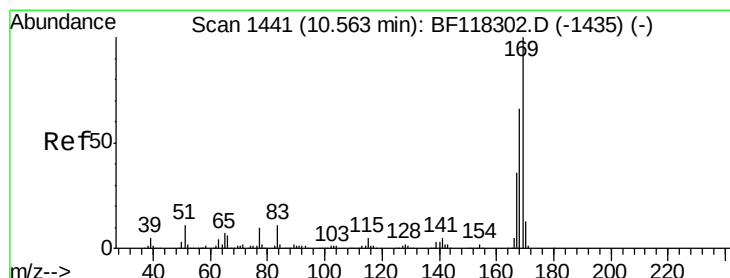
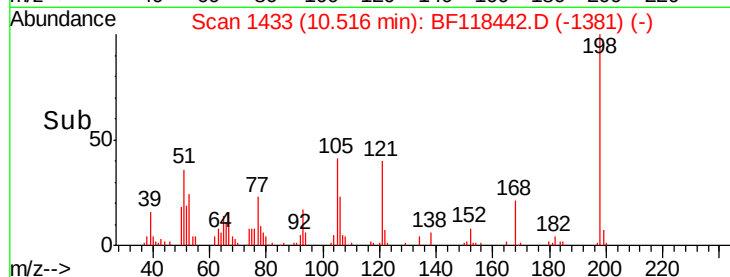
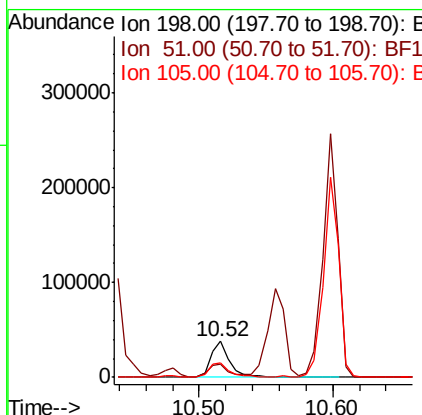
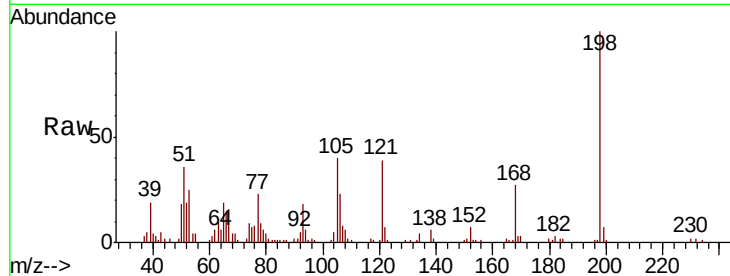
#65
4,6-Dinitro-2-methylphenol
Concen: 15.208 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.6	12.8	52.8
105	40.1	20.3	60.3

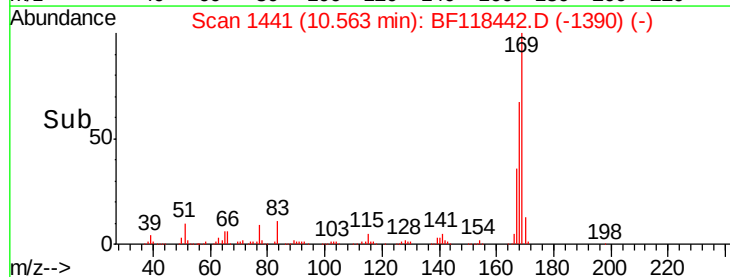
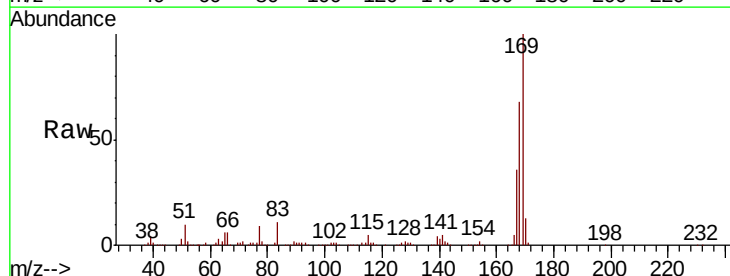
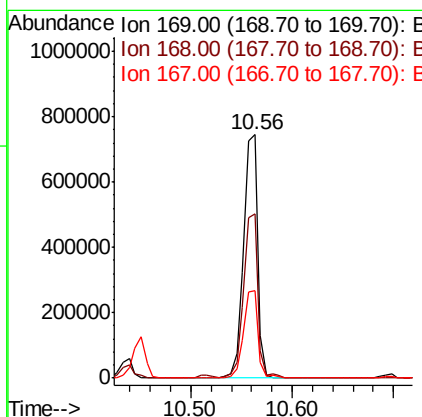
Manual Integrations
APPROVED

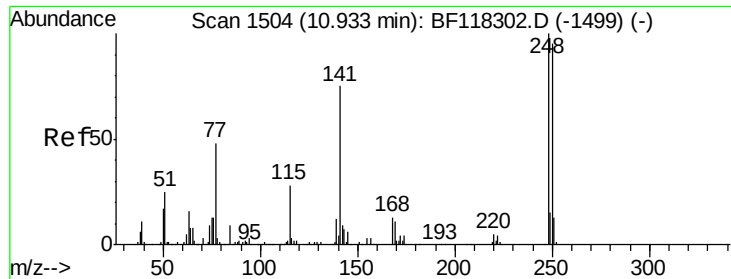
mohammad
1/3/2020 11:04:18 AM



#66
n-Nitrosodiphenylamine
Concen: 48.524 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	52.6	79.0
167	35.9	28.4	42.6





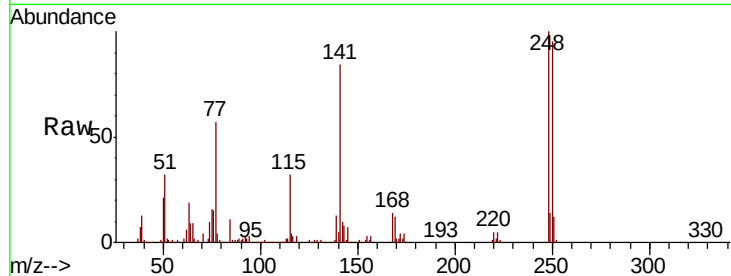
#67
4-Bromophenyl-phenylether
Concen: 46.432 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

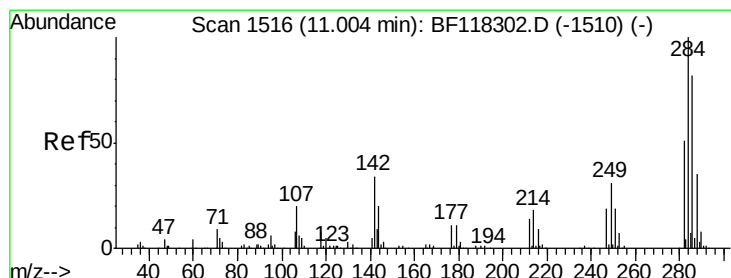
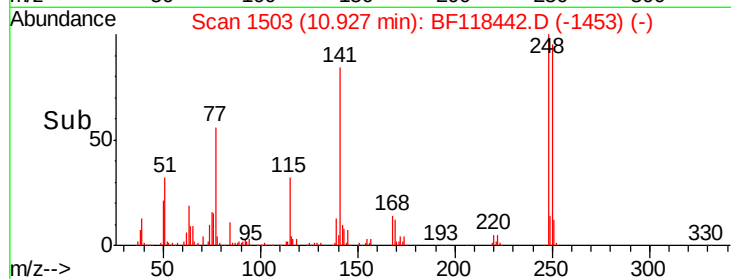
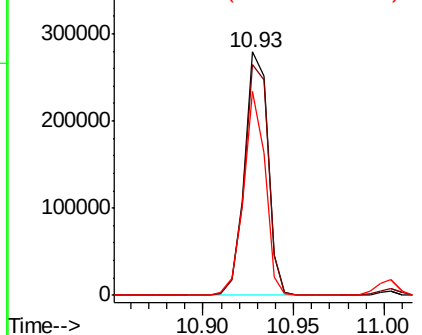
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.4	114.6
141	84.0	60.2	90.2

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

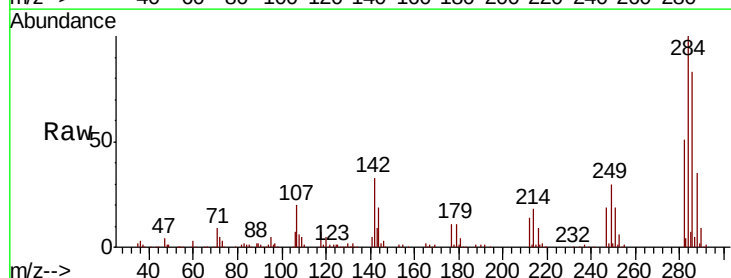


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

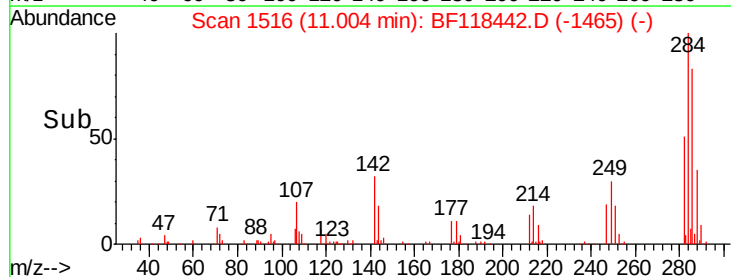
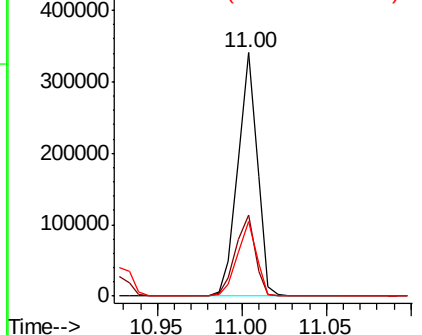


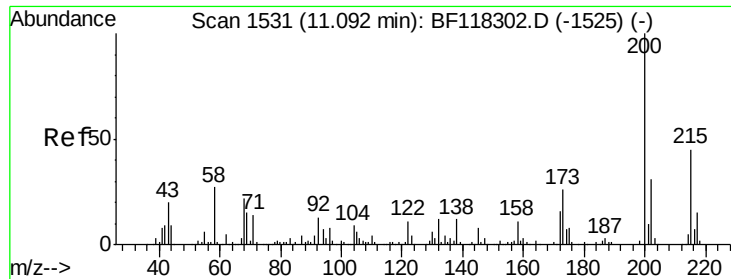
#68
Hexachlorobenzene
Concen: 42.817 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.3	40.9
249	30.5	25.0	37.6



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





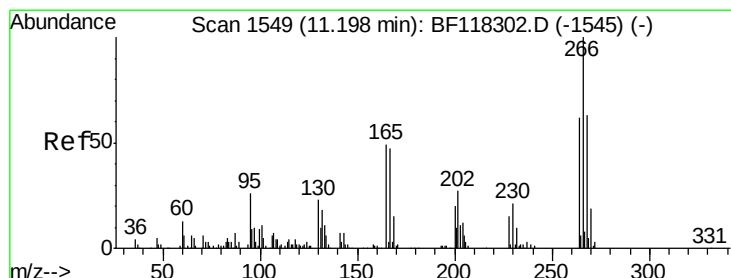
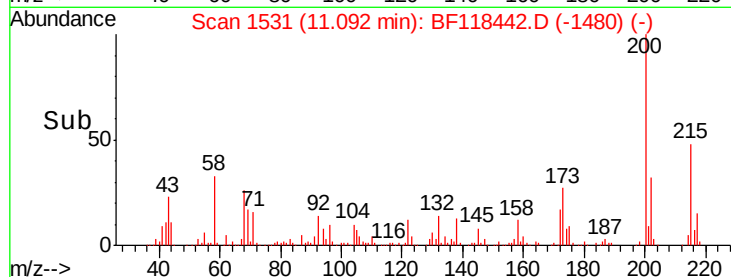
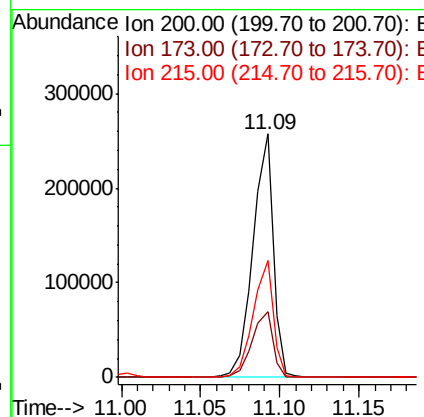
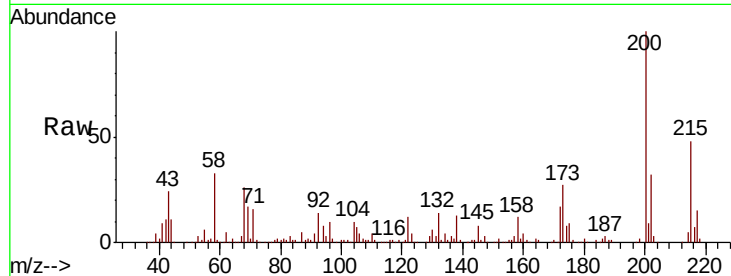
#69
Atrazine
Concen: 50.169 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	5.8	45.8
215	48.2	25.1	65.1

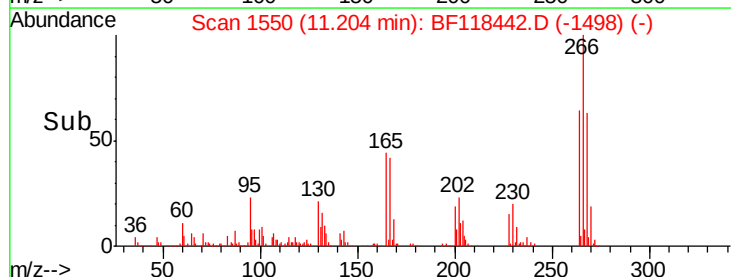
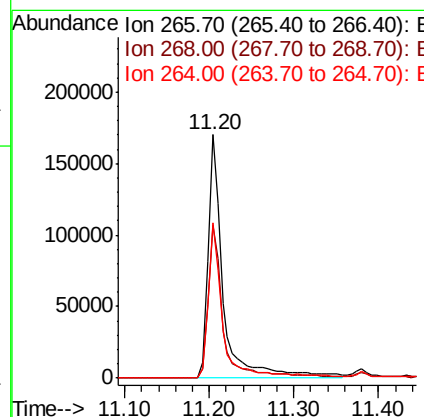
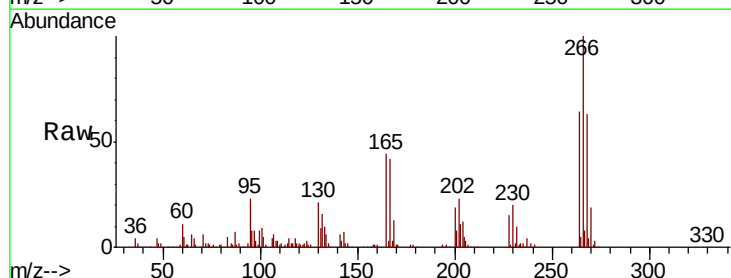
Manual Integrations
APPROVED

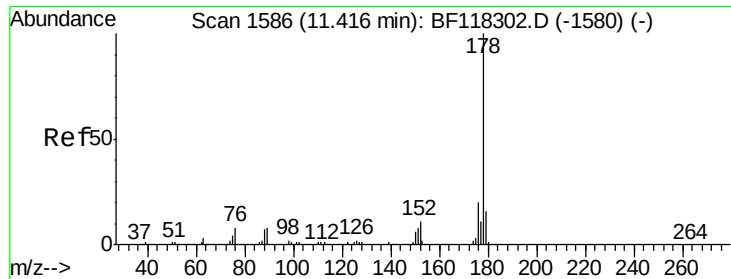
mohammad
1/3/2020 11:04:18 AM



#70
Pentachlorophenol
Concen: 76.520 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.6	76.0
264	63.6	49.9	74.9





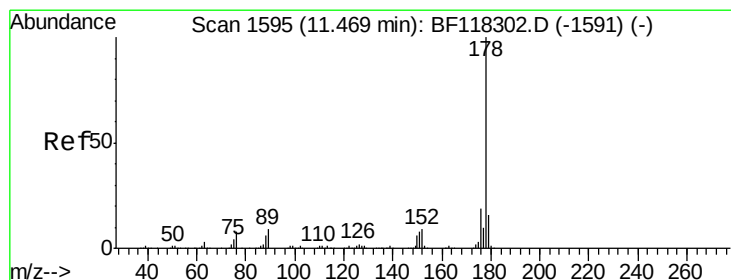
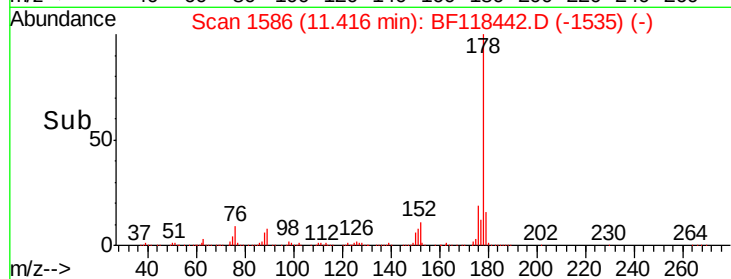
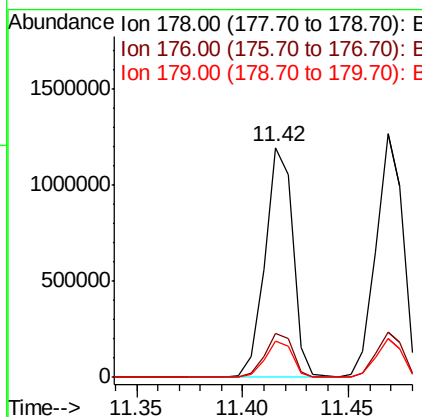
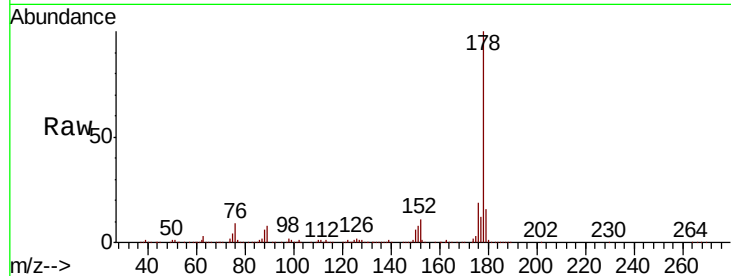
#71
Phenanthrene
Concen: 43.638 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.9	12.6	19.0

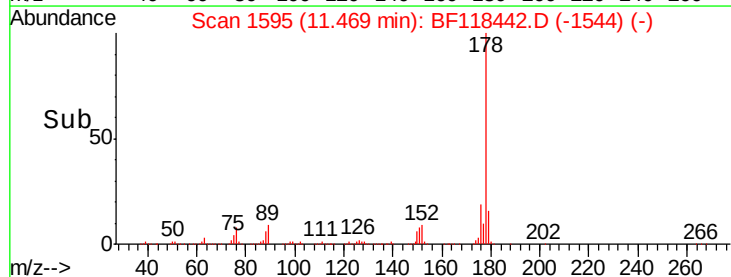
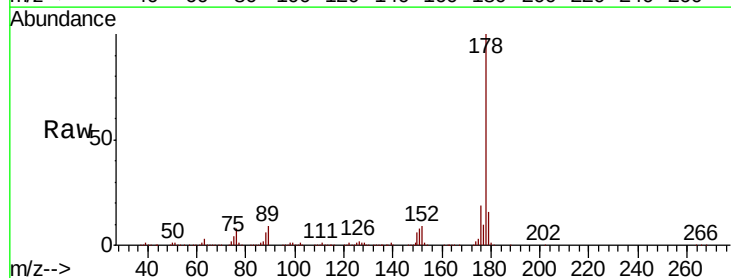
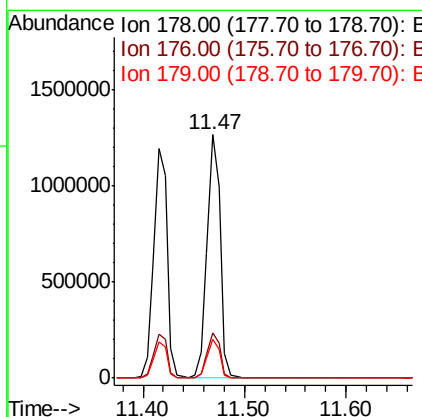
Manual Integrations
APPROVED

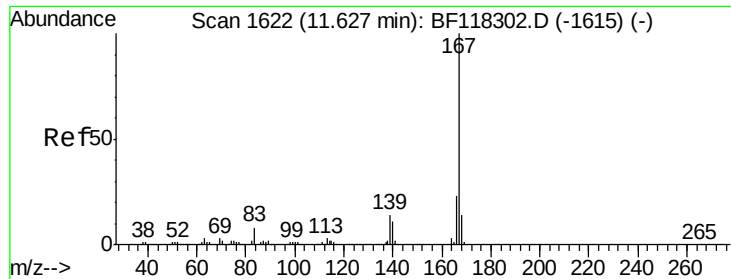
mohammad
1/3/2020 11:04:18 AM



#72
Anthracene
Concen: 45.104 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	16.1	12.9	19.3





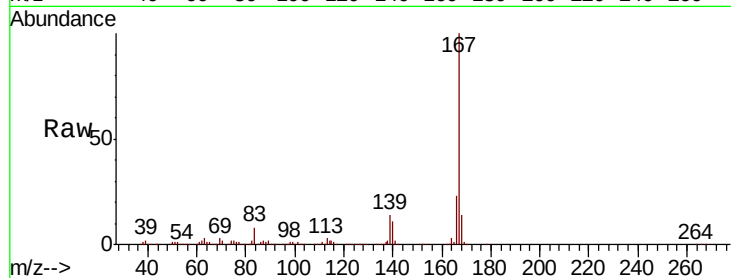
#73
 Carbazole
 Concen: 42.577 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

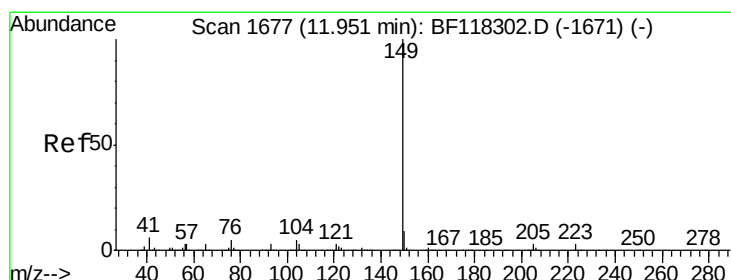
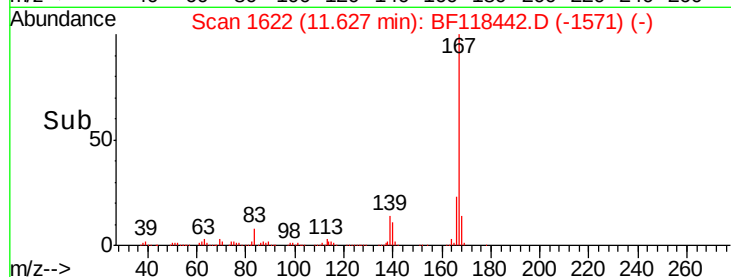
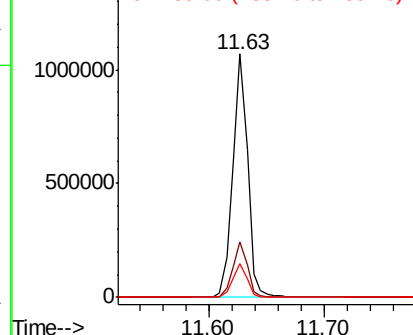
Tot Ion:	167	Resp:	953290
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.1	27.1
139	14.0	11.5	17.3

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:04:18 AM

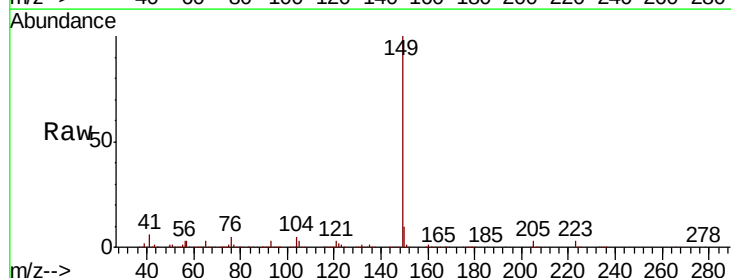


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

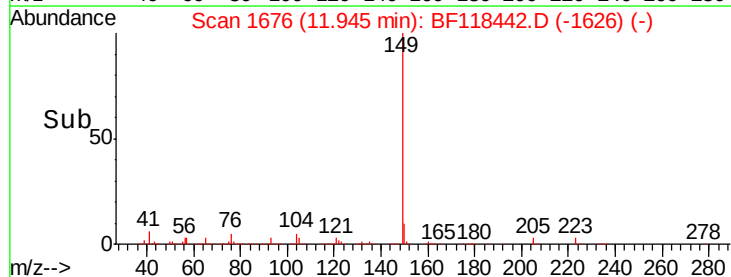
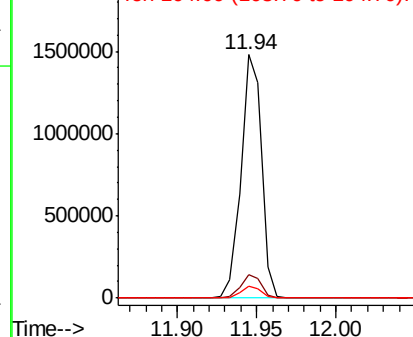


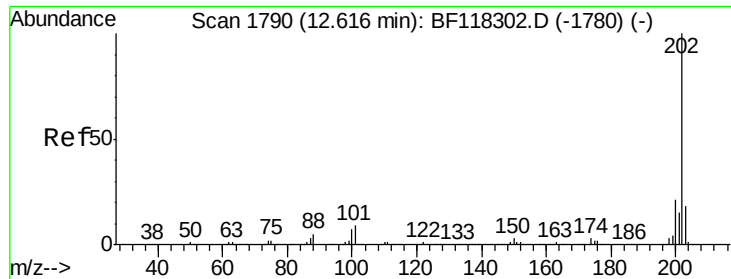
#74
 Di-n-butylphthalate
 Concen: 46.600 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion:	149	Resp:	1322975
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	5.0	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.079 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

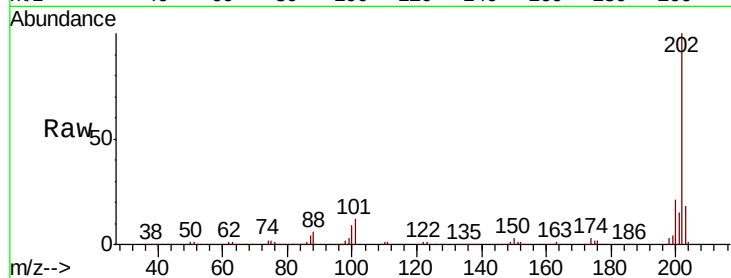
ClientSampleId :

EO-O1-122719MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	968788		
101	12.4	0.0	29.5	
203	18.1	0.0	37.6	

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

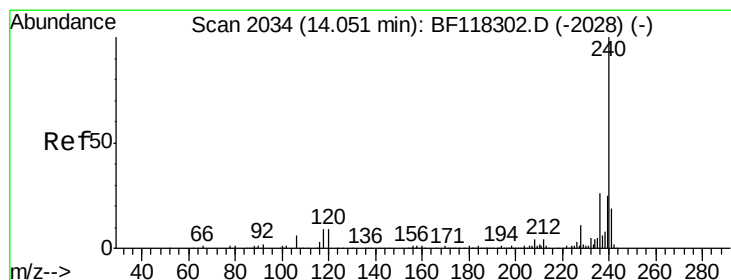
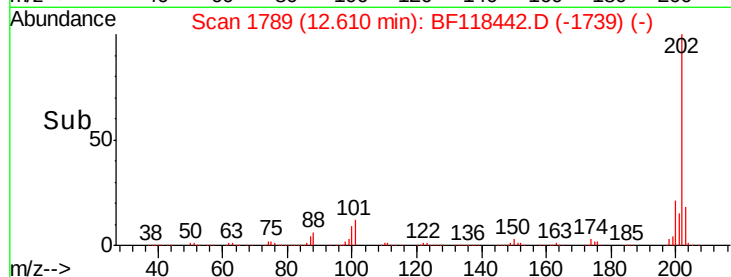
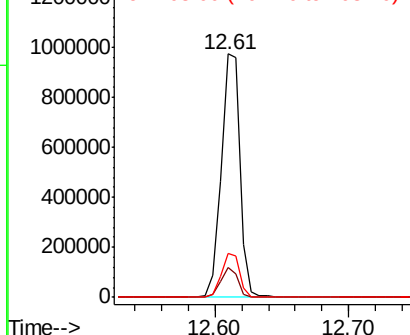


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

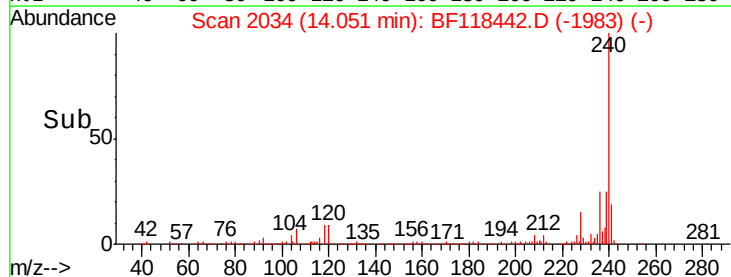
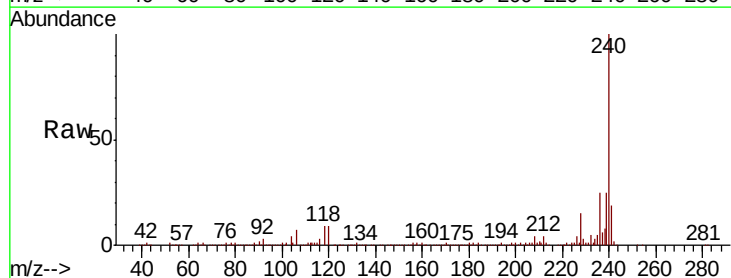
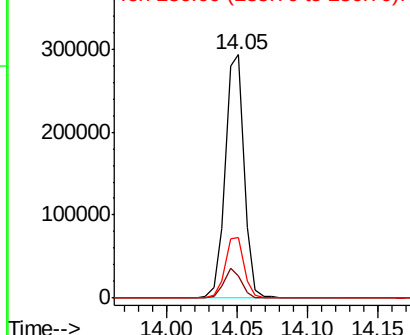
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	272549		
120	9.1	7.1	10.7	
236	25.0	21.0	31.6	

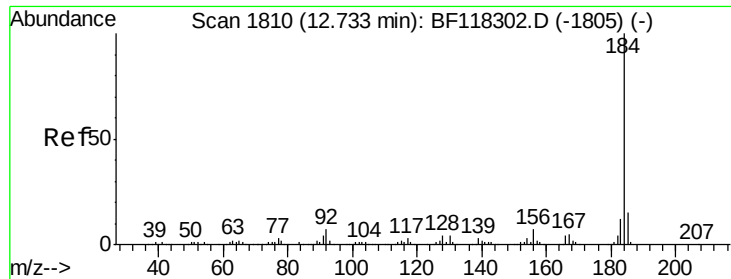
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.196 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

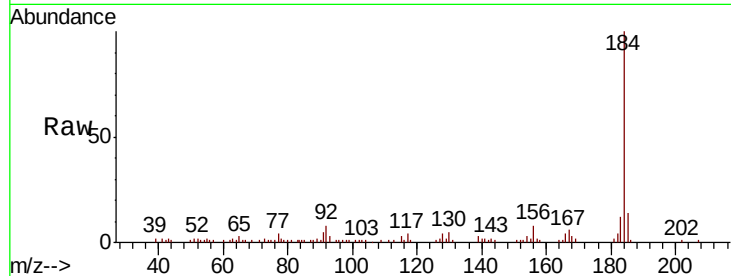
ClientSampleId :

EO-O1-122719MS

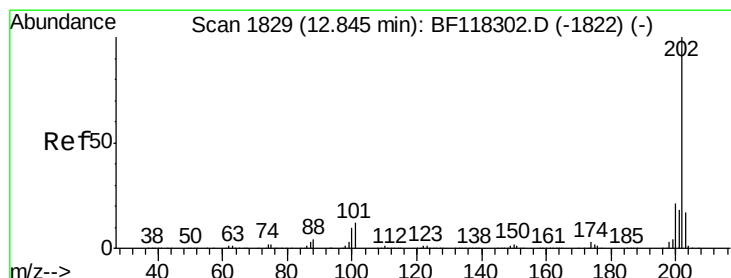
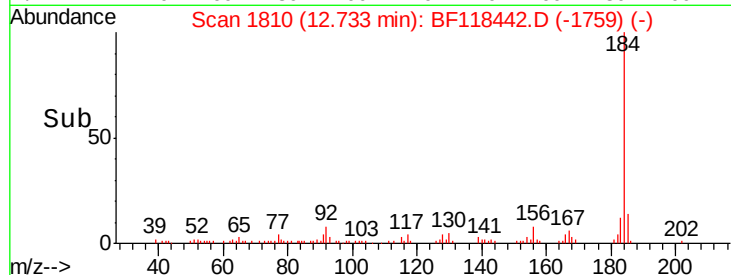
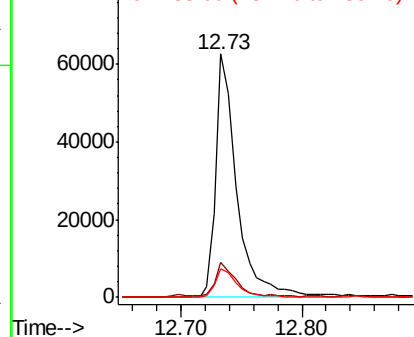
Tot Ion:	184	Resp:	76141
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.3	18.5
183	11.8	9.4	14.2

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



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



#78

Pyrene

Concen: 42.675 ng

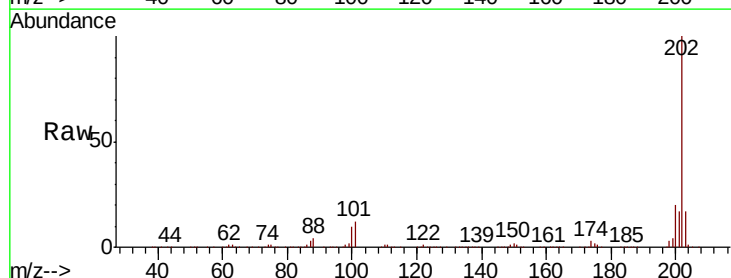
RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

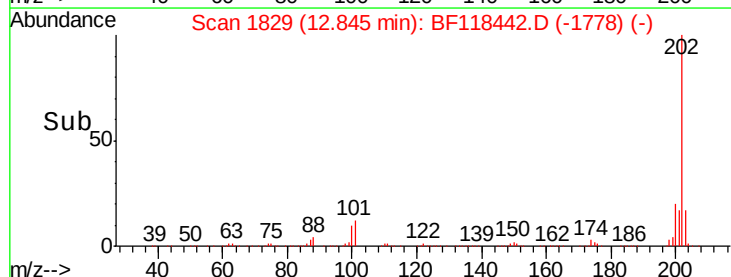
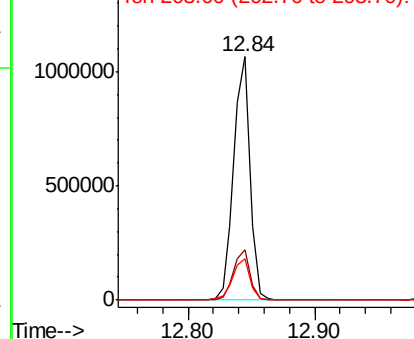
Lab File: BF118442.D

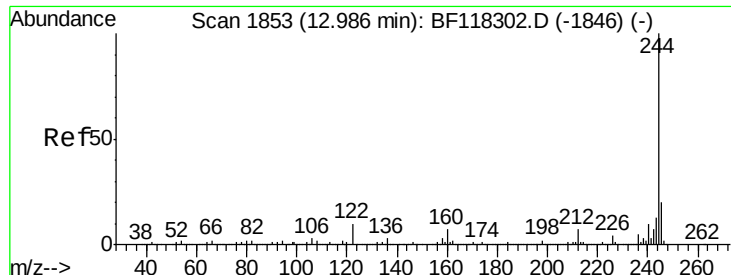
Acq: 2 Jan 2020 18:22

Tgt Ion:	202	Resp:	949802
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.8	25.2
203	17.2	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





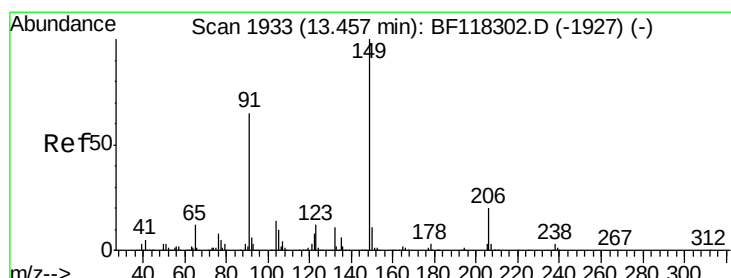
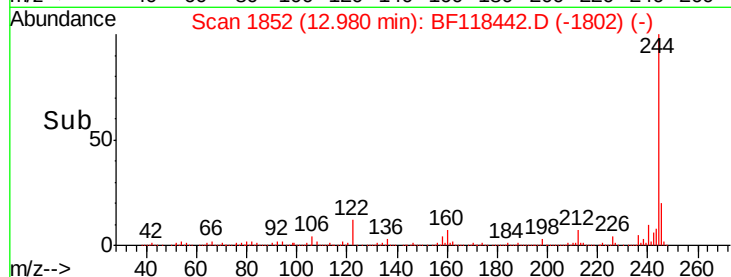
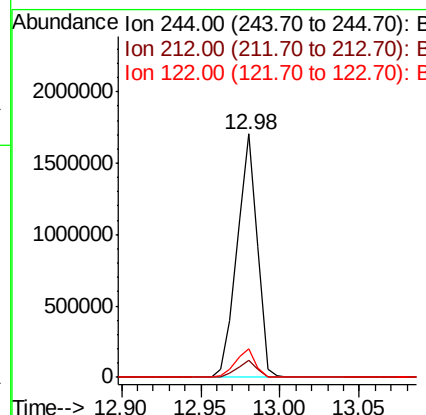
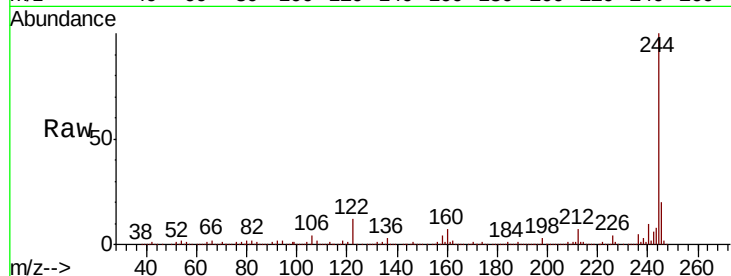
#79
 Terphenyl-d14
 Concen: 91.948 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.5	7.8	11.8

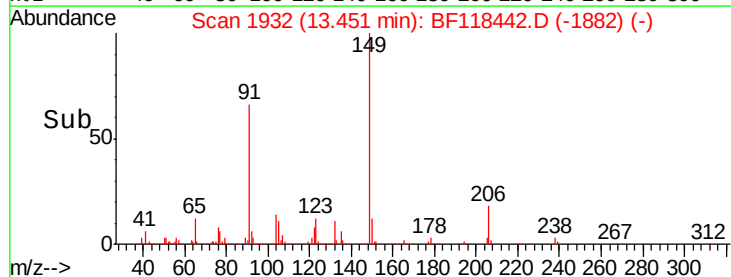
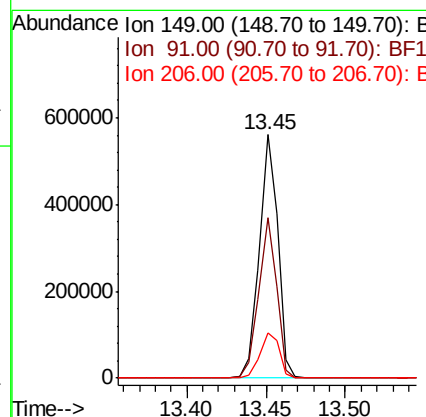
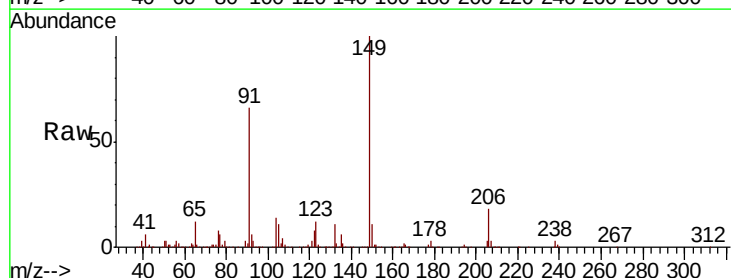
Manual Integrations
 APPROVED

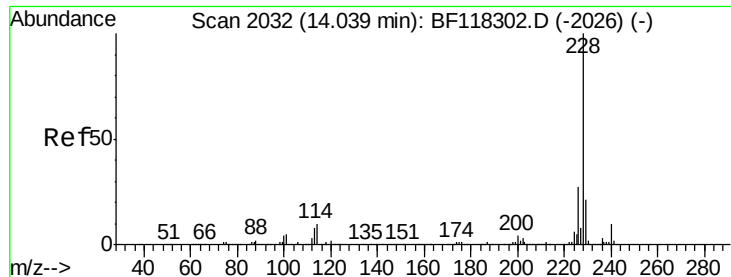
mohammad
 1/3/2020 11:04:18 AM



#80
 Butylbenzylphthalate
 Concen: 45.345 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118442.D
 Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	51.8	77.6
206	18.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 44.419 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

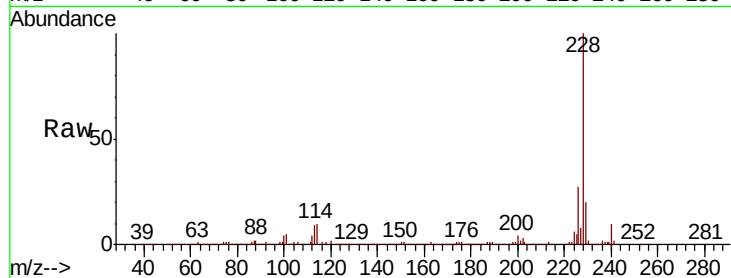
ClientSampleId :

EO-O1-122719MS

Tot Ion:	228	Resp:	847415
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.0	33.0
229	20.1	16.6	24.8

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

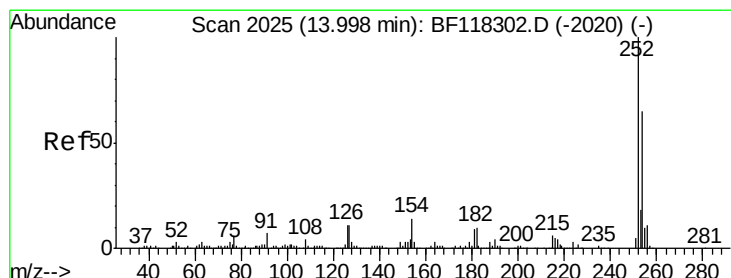
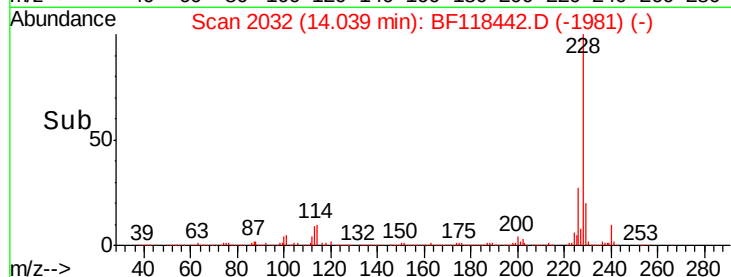
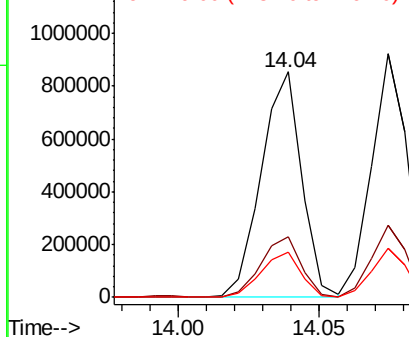


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.249 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

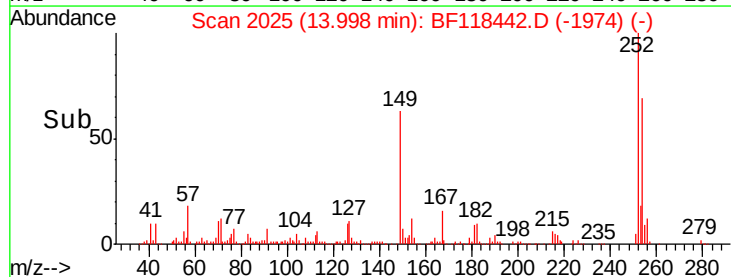
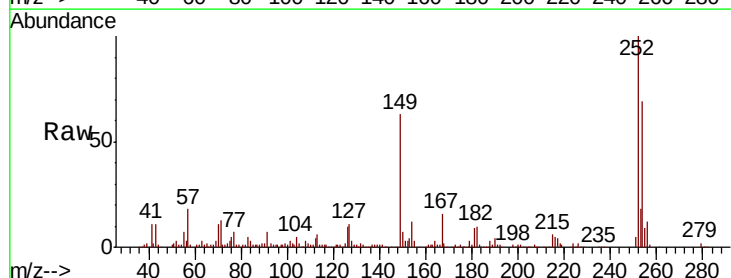
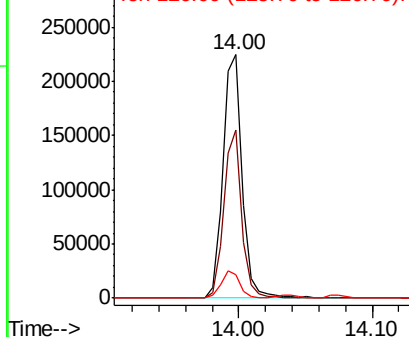
Tgt Ion:	252	Resp:	228006
Ion Ratio	Lower	Upper	
252	100		
254	68.9	51.8	77.8
126	9.9	8.7	13.1

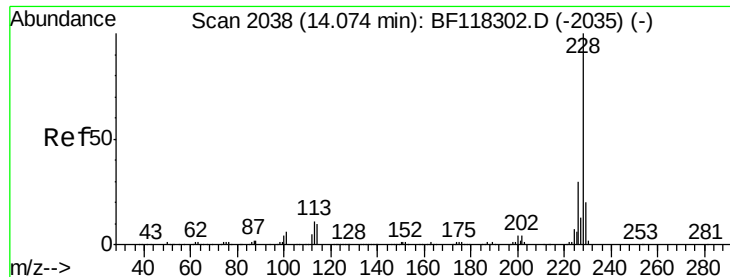
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





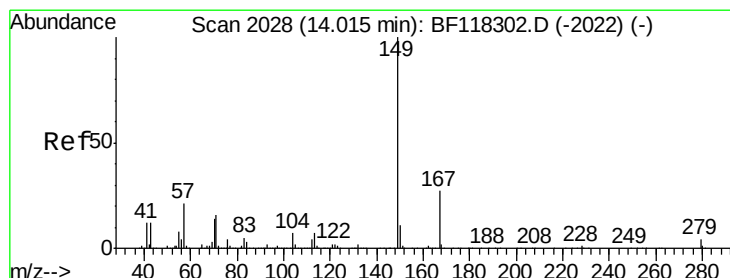
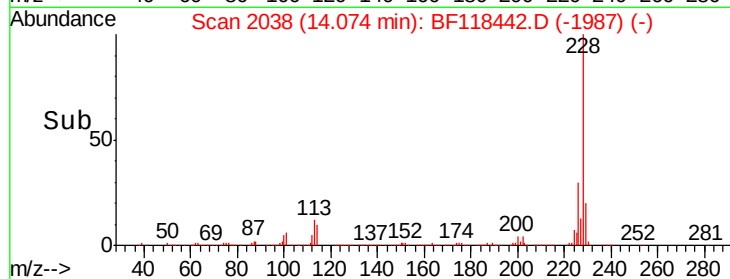
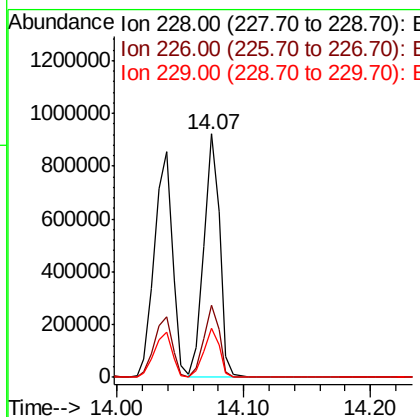
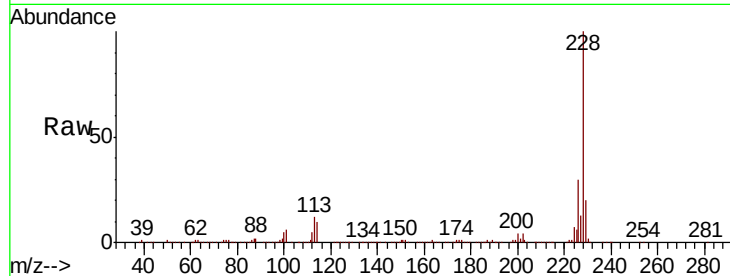
#83
Chrysene
Concen: 43.640 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	20.0	16.1	24.1

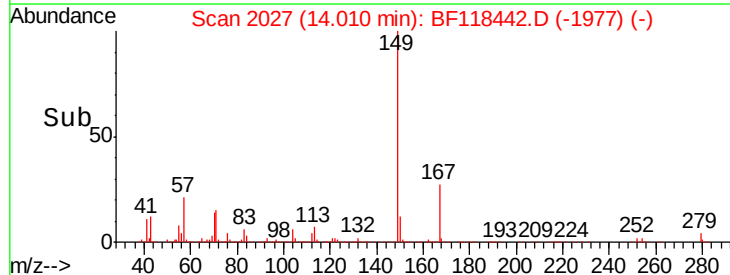
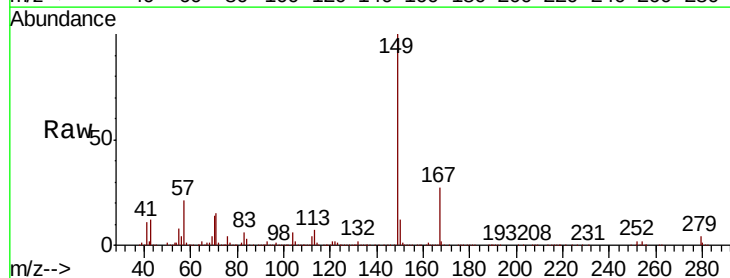
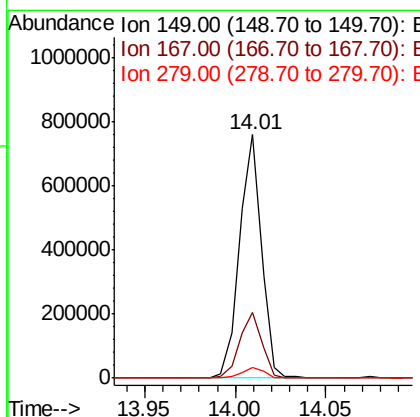
Manual Integrations
APPROVED

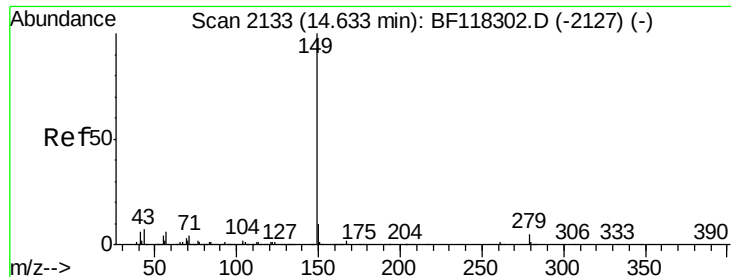
mohammad
1/3/2020 11:04:18 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.442 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.5	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 53.683 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Instrument :

BNA_F

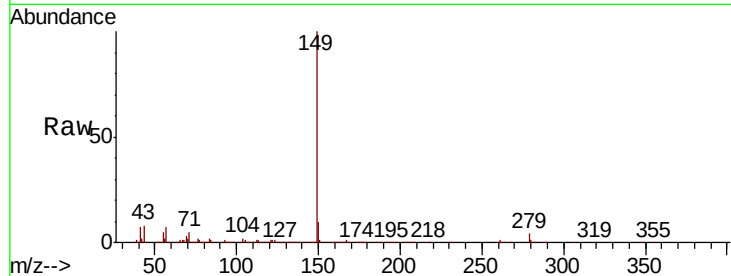
ClientSampleId :

EO-O1-122719MS

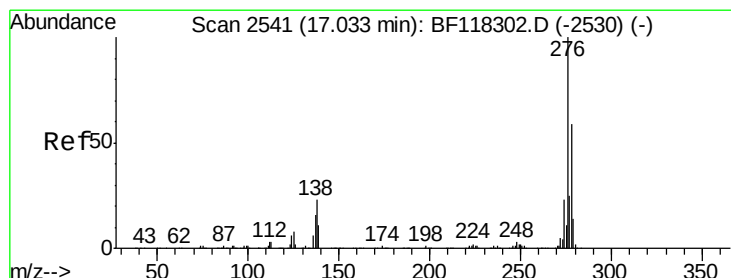
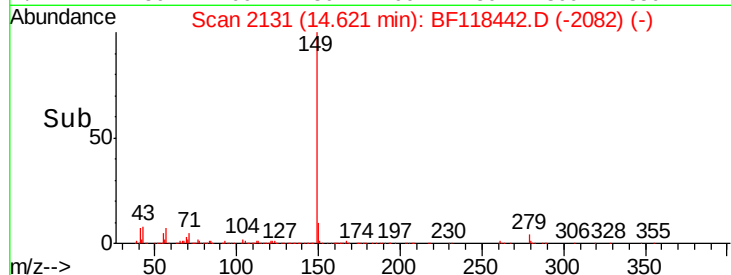
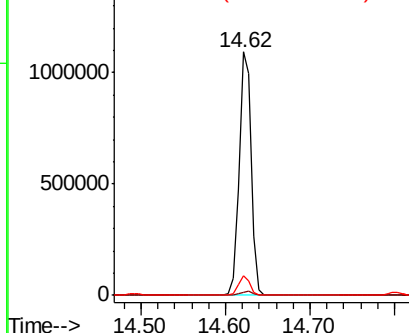
Tot Ion:	149	Resp:	1040543
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	6.1	9.1

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.435 ng

RT: 17.05 min Scan# 2544

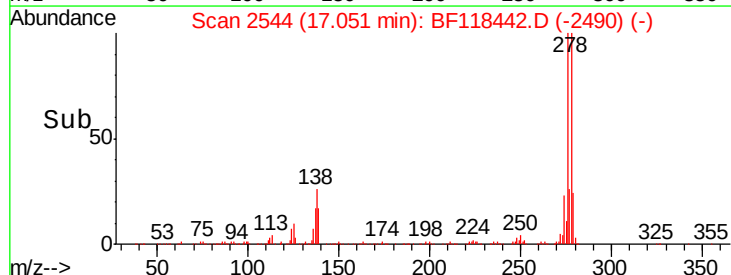
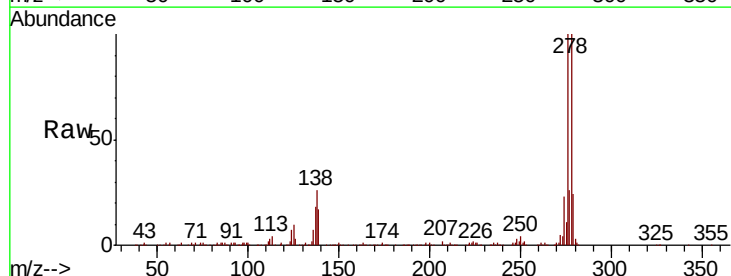
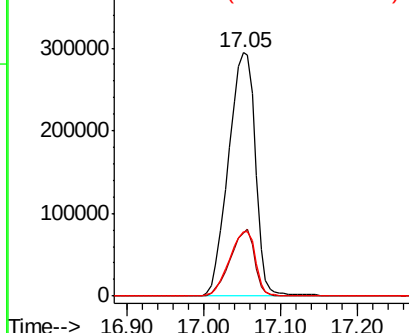
Delta R.T. 0.02 min

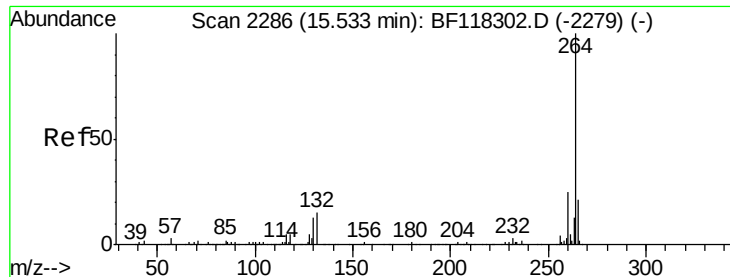
Lab File: BF118442.D

Acq: 2 Jan 2020 18:22

Tgt Ion:	276	Resp:	722744
Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.5	29.3
277	25.9	20.6	30.8

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





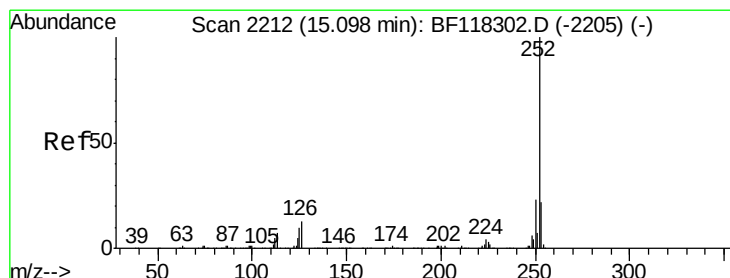
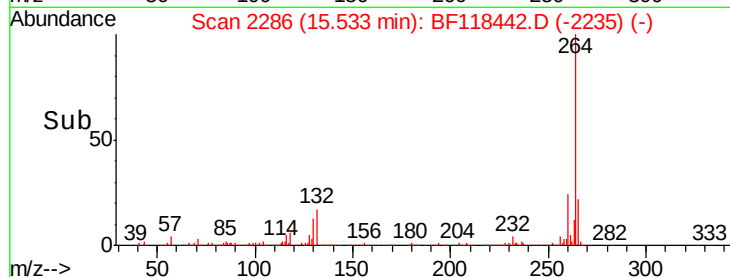
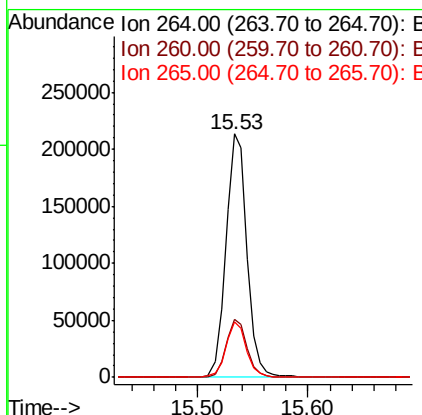
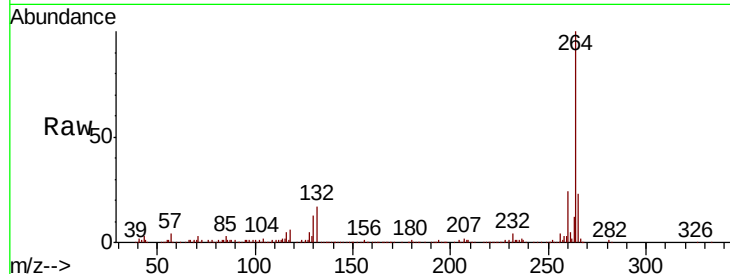
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.6	17.0	25.4

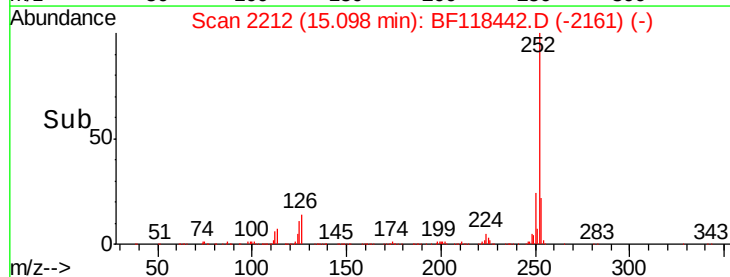
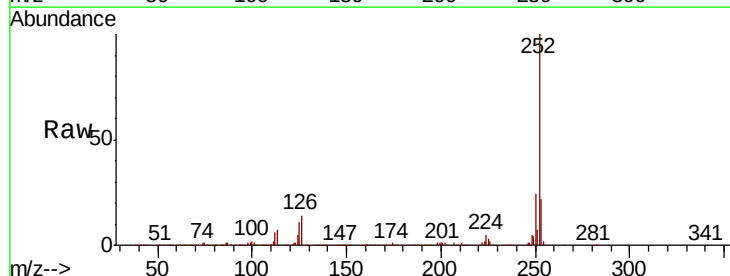
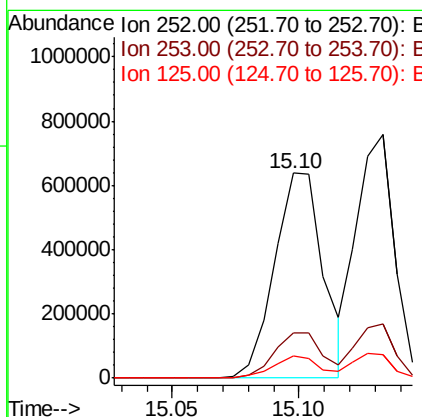
Manual Integrations
APPROVED

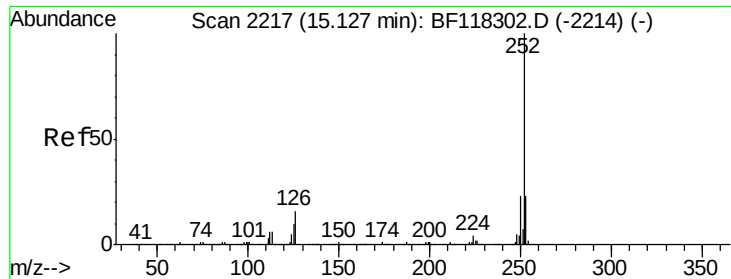
mohammad
1/3/2020 11:04:18 AM



#88
Benzo(b)fluoranthene
Concen: 45.231 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.9	7.7	11.5





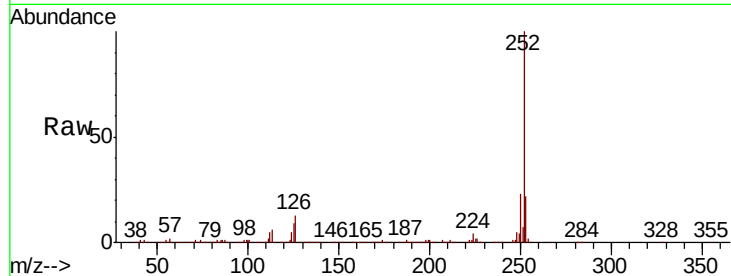
#89
Benzo(k)fluoranthene
Concen: 43.728 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.4	8.0	12.0

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM

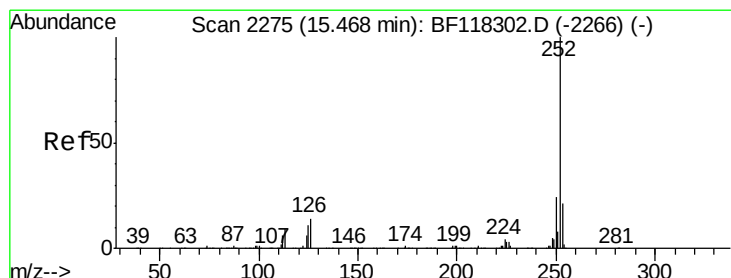
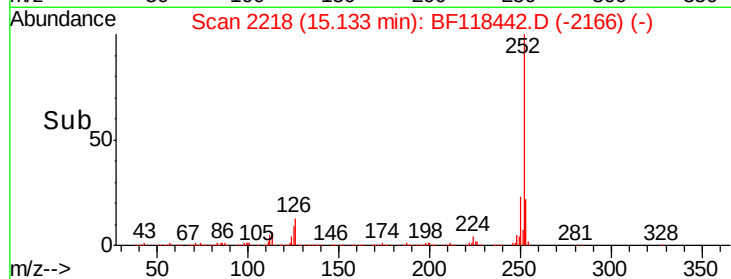
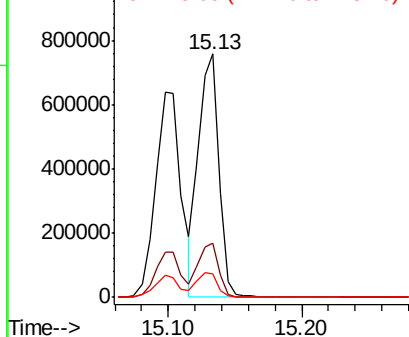


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 43.391 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

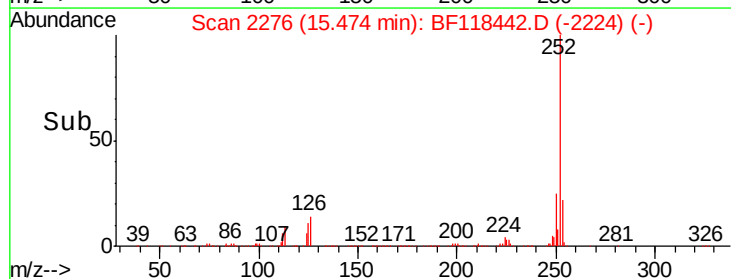
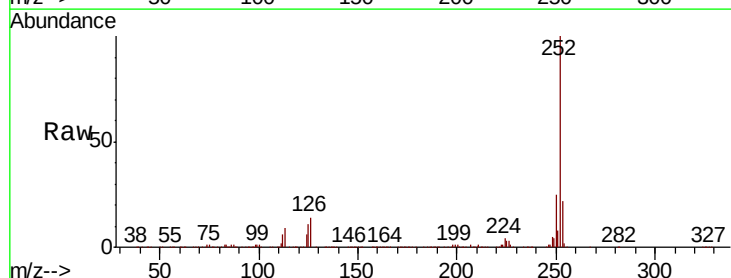
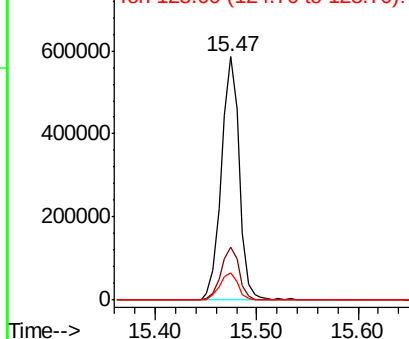
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.2	9.0	13.4

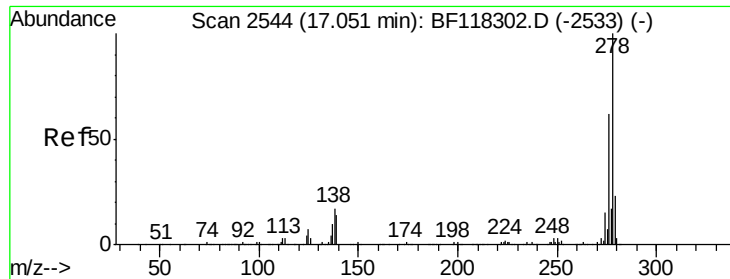
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





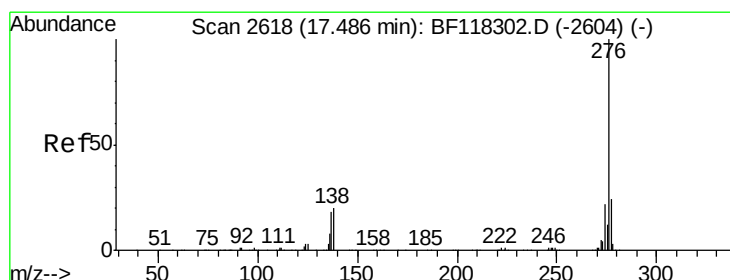
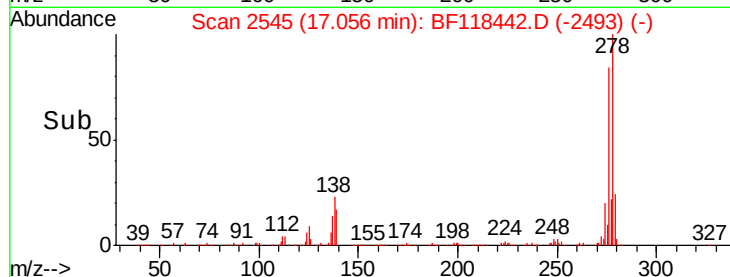
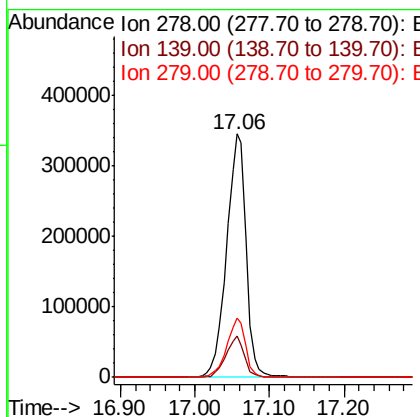
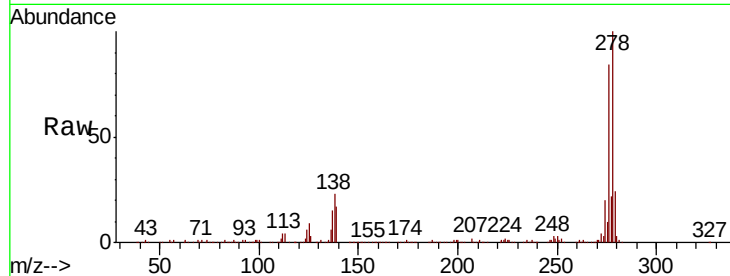
#91
Dibenzo(a,h)anthracene
Concen: 43.742 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.5	17.3
279	24.4	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:18 AM



#92
Benzo(g,h,i)perylene
Concen: 40.289 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118442.D
Acq: 2 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	20.8	16.1	24.1

