

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117345.D
 Acq On : 8 Oct 2019 17:24
 Operator : JU
 Sample : K5238-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:23 AM

Quant Time: Oct 09 03:36:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	43583	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	179213	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	94629	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	158877	20.00	ng	0.00
76) Chrysene-d12	13.97	240	128506	20.00	ng	0.00
87) Perylene-d12	15.43	264	118512	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	327372	117.27	ng	0.00
7) Phenol-d6	6.45	99	458128	126.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	282189	82.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	97476	123.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	481839	79.62	ng	0.00
79) Terphenyl-d14	12.91	244	511035	74.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	42914	36.738	ng	97
3) Pyridine	3.31	79	97138	30.382	ng	99
4) n-Nitrosodimethylamine	3.24	42	41438	37.766	ng	# 89
6) Aniline	6.46	93	123095	26.501	ng	# 1
8) 2-Chlorophenol	6.59	128	131935	43.810	ng	98
9) Benzaldehyde	6.35	77	77321	43.787	ng	96
10) Phenol	6.46	94	172177	43.291	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	120480	41.217	ng	97
12) 1,3-Dichlorobenzene	6.74	146	136232	40.313	ng	98
13) 1,4-Dichlorobenzene	6.82	146	137259	39.800	ng	99
14) 1,2-Dichlorobenzene	6.97	146	131909	41.082	ng	98
15) Benzyl Alcohol	6.95	79	117506	42.474	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	123335	42.707	ng	60
17) 2-Methylphenol	7.07	107	102899	40.769	ng	# 82
18) Hexachloroethane	7.31	117	53590	40.393	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	96953	44.133	ng	96
20) 3+4-Methylphenols	7.22	107	139774	44.460	ng	# 66
22) Acetophenone	7.21	105	193579	42.514	ng	96
24) Nitrobenzene	7.39	77	144724	42.966	ng	96
25) Isophorone	7.62	82	267511	44.296	ng	99
26) 2-Nitrophenol	7.70	139	69161	47.802	ng	97
27) 2,4-Dimethylphenol	7.75	122	115363	50.281	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	158586	42.622	ng	100
29) 2,4-Dichlorophenol	7.95	162	107663	44.784	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	107521	41.398	ng	98
31) Naphthalene	8.10	128	381728	44.289	ng	99
32) Benzoic acid	7.86	122	19943	16.524	ng	96
33) 4-Chloroaniline	8.16	127	56968	14.902	ng	97
34) Hexachlorobutadiene	8.22	225	60560	41.098	ng	98
35) Caprolactam	8.53	113	33863m	41.615	ng	
36) 4-Chloro-3-methylphenol	8.65	107	124613	44.454	ng	99
37) 2-Methylnaphthalene	8.80	142	264390	45.553	ng	97
38) 1-Methylnaphthalene	8.89	142	250945	46.164	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	102074	41.772	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117345.D
 Acq On : 8 Oct 2019 17:24
 Operator : JU
 Sample : K5238-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:23 AM

Quant Time: Oct 09 03:36:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	65906	62.879	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	66072	39.844	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	71077	40.117	nq	93
46) 1,1'-Biphenyl	9.26	154	310459	41.826	nq	99
47) 2-Chloronaphthalene	9.29	162	240767	41.100	nq	98
48) 2-Nitroaniline	9.39	65	75922	40.406	nq	97
49) Acenaphthylene	9.70	152	383929	43.749	nq	99
50) Dimethylphthalate	9.56	163	349979	52.234	nq	99
51) 2,6-Dinitrotoluene	9.63	165	62438	45.755	nq	98
52) Acenaphthene	9.87	154	222893	42.846	nq	99
53) 3-Nitroaniline	9.80	138	38430	22.321	nq	98
54) 2,4-Dinitrophenol	9.92	184	34557	61.094	nq	87
55) Dibenzofuran	10.05	168	333826	43.493	nq	99
56) 4-Nitrophenol	9.98	139	69015	61.848	nq	92
57) 2,4-Dinitrotoluene	10.04	165	82710	46.693	nq	# 84
58) Fluorene	10.39	166	281627	45.550	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	56673	41.800	nq	95
60) Diethylphthalate	10.26	149	291610	44.238	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	121455	45.403	nq	97
62) 4-Nitroaniline	10.42	138	74419	41.563	nq	98
63) Azobenzene	10.53	77	301727	44.817	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	28416	40.511	nq	97
66) n-Nitrosodiphenylamine	10.50	169	245333	44.712	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	70149	43.235	nq	100
68) Hexachlorobenzene	10.94	284	72098	40.627	nq	95
69) Atrazine	11.02	200	68710	52.696	nq	98
70) Pentachlorophenol	11.15	266	50447	60.644	nq	96
71) Phenanthrene	11.35	178	399631	44.285	nq	99
72) Anthracene	11.40	178	421123	45.710	nq	99
73) Carbazole	11.56	167	392622	44.897	nq	98
74) Di-n-butylphthalate	11.88	149	499297	47.988	nq	99
75) Fluoranthene	12.54	202	439841	47.436	nq	99
77) Benzidine	12.66	184	215777	52.126	nq	100
78) Pyrene	12.77	202	441524	40.948	nq	99
80) Butylbenzylphthalate	13.37	149	221198	43.415	nq	98
81) Benzo(a)anthracene	13.96	228	364704	42.478	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	54791	19.804	nq	99
83) Chrysene	14.00	228	356493	42.573	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	322767	49.133	nq	100
85) Di-n-octyl phthalate	14.55	149	534785	51.722	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	294775	48.251	nq	98
88) Benzo(b)fluoranthene	15.01	252	295545	41.170	nq	98
89) Benzo(k)fluoranthene	15.04	252	304015	44.707	nq	99
90) Benzo(a)pyrene	15.37	252	287185	45.589	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	250037	49.825	nq	98
92) Benzo(g,h,i)perylene	17.33	276	242424	48.478	nq	98

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

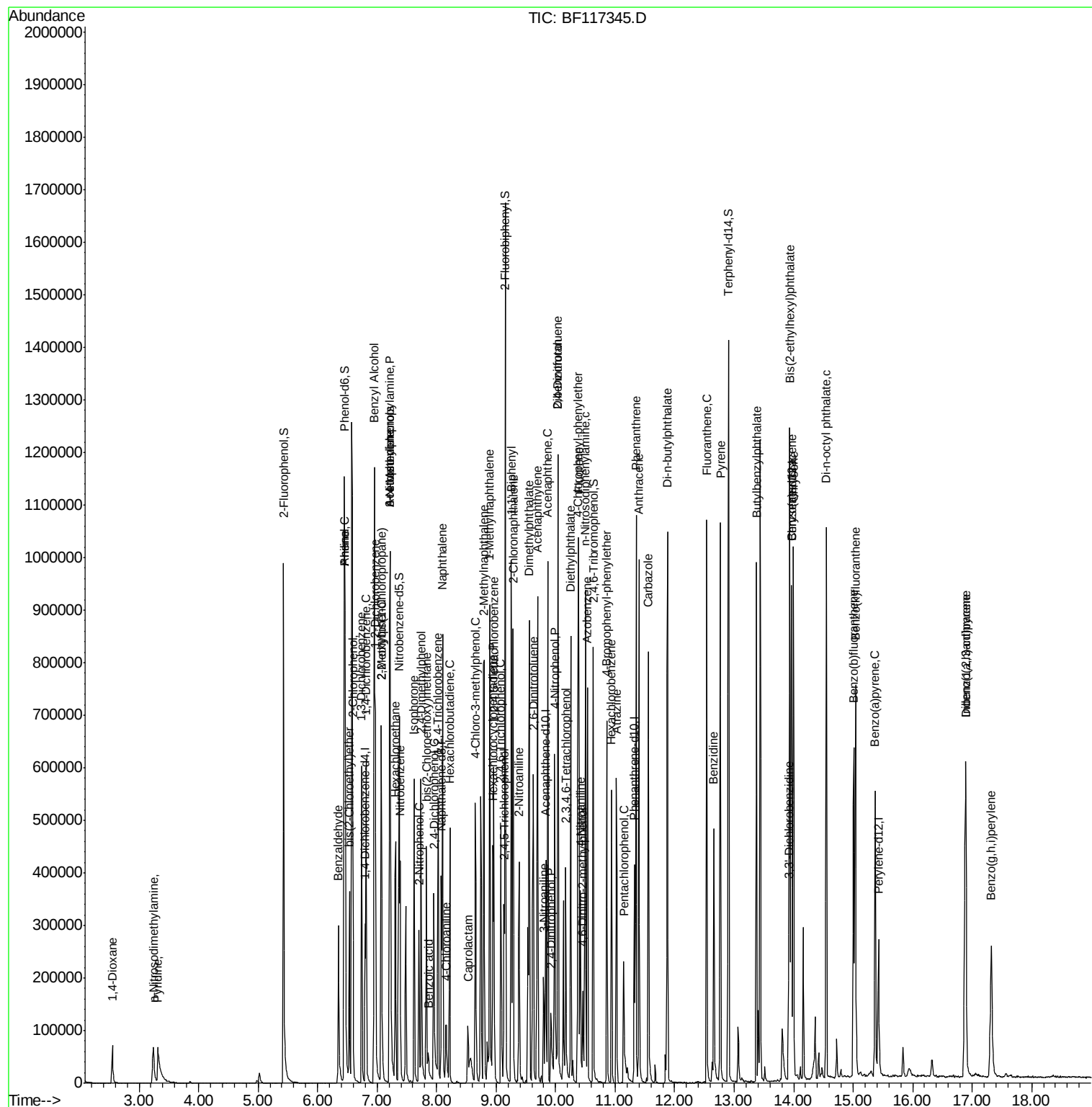
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117345.D
 Acq On : 8 Oct 2019 17:24
 Operator : JU
 Sample : K5238-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

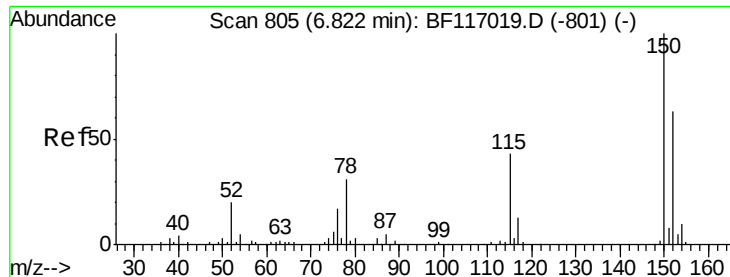
Instrument :
 BNA_F
 ClientSampled :
 TP-COMPMSD

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:23 AM

Quant Time: Oct 09 03:36:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration





#1

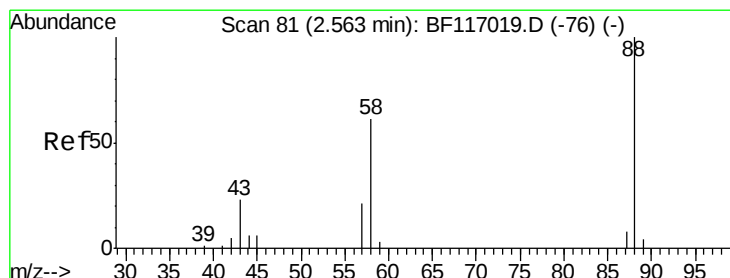
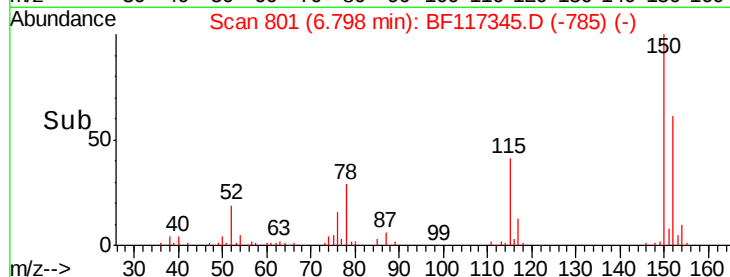
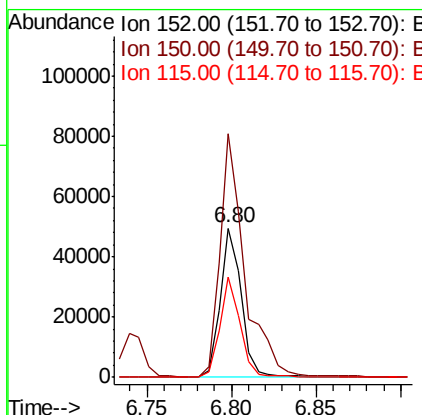
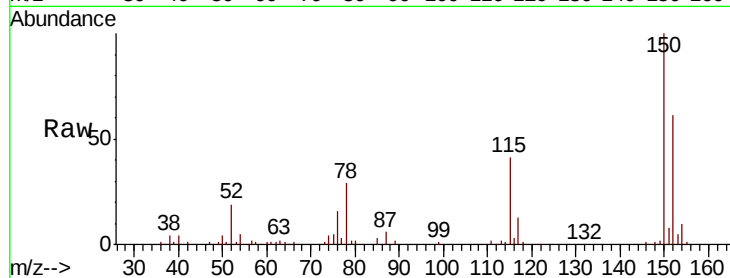
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	127.5	191.3
115	67.4	55.0	82.4

Manual Integrations
APPROVED

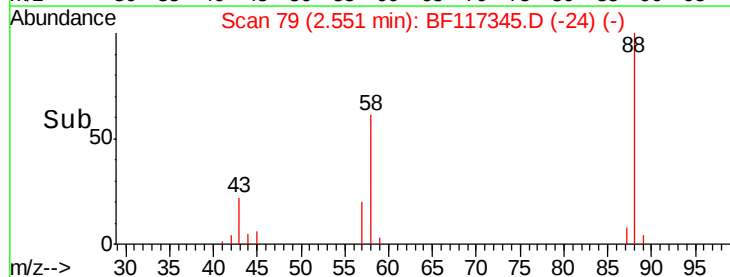
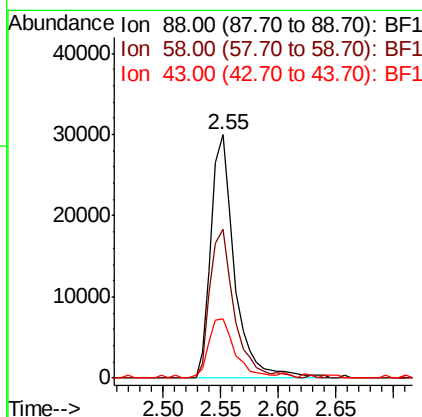
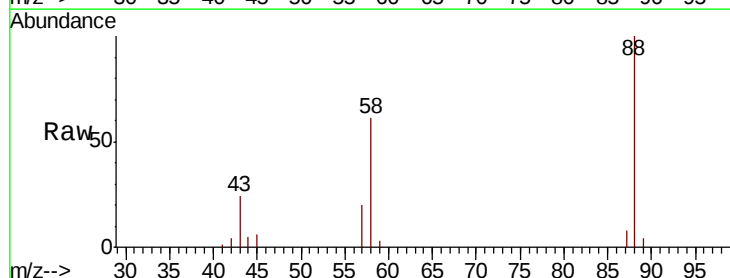
mohammad
10/11/2019 8:29:23 AM

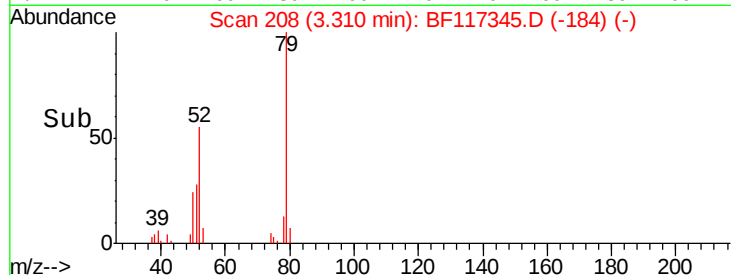
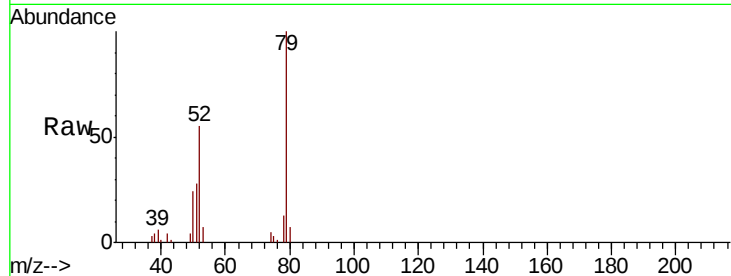


#2

1,4-Dioxane
Concen: 36.738 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	49.3	73.9
43	27.3	18.8	28.2





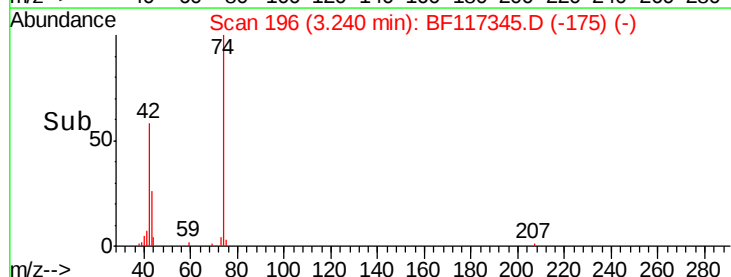
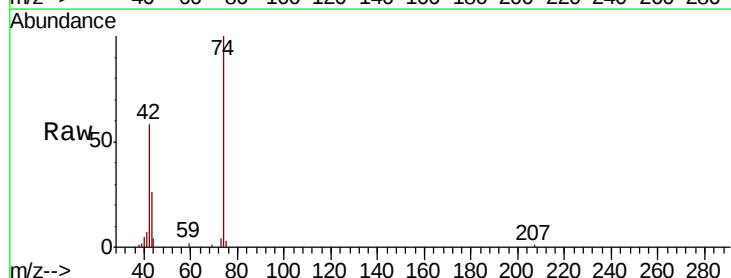
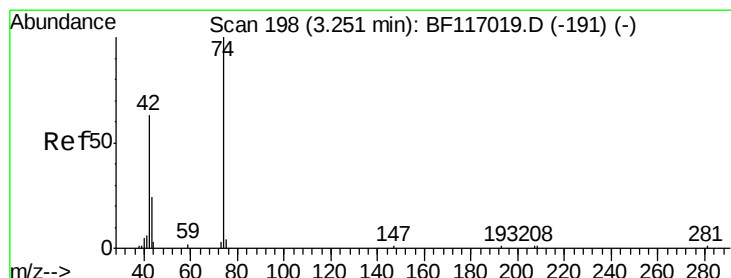
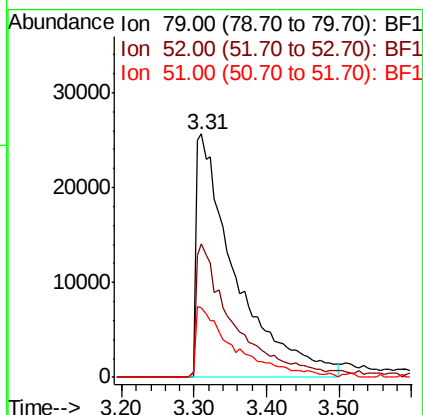
#3
Pvridine
Concen: 30.382 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.04 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tot Ion:	79	Resp:	97138
Ion Ratio	Lower	Upper	
79	100		
52	54.7	43.5	65.3
51	28.4	21.8	32.6

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

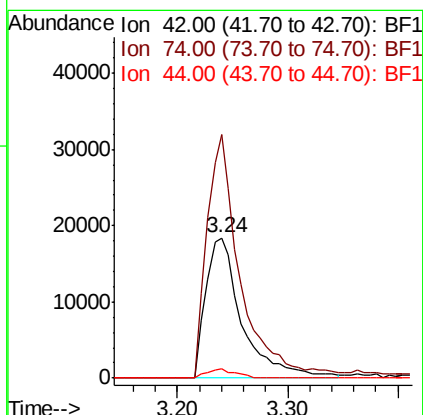
Manual Integrations
APPROVED

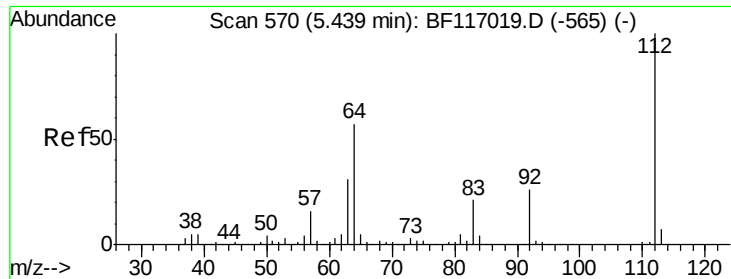
mohammad
10/11/2019 8:29:23 AM



#4
n-Nitrosodimethylamine
Concen: 37.766 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.02 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:	42	Resp:	41438
Ion Ratio	Lower	Upper	
42	100		
74	173.5	127.1	190.7
44	6.5	4.3	6.5#





#5

2-Fluorophenol

Concen: 117.272 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

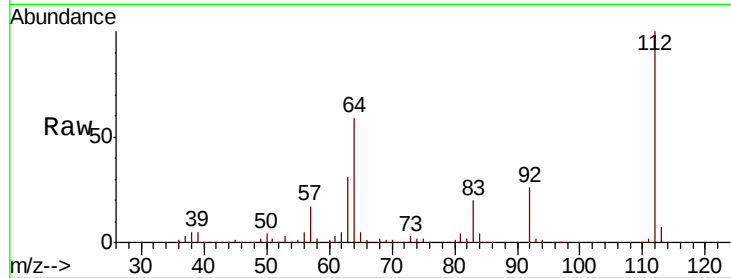
ClientSampleId :

TP-COMPMSD

Tot Ion:	112	Resp:	327372
Ion Ratio	Lower	Upper	
112	100		
64	59.4	45.7	68.5
63	31.2	24.9	37.3

Manual Integrations
APPROVED

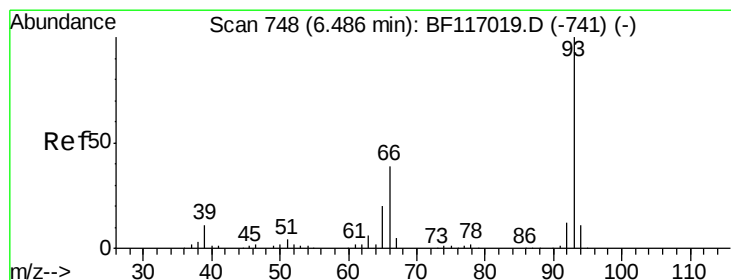
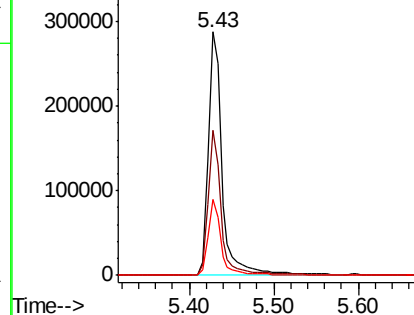
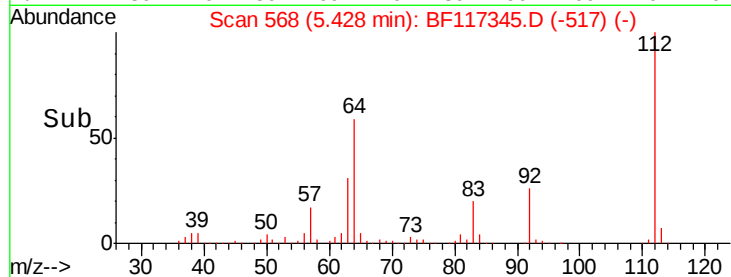
mohammad
10/11/2019 8:29:23 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.501 ng

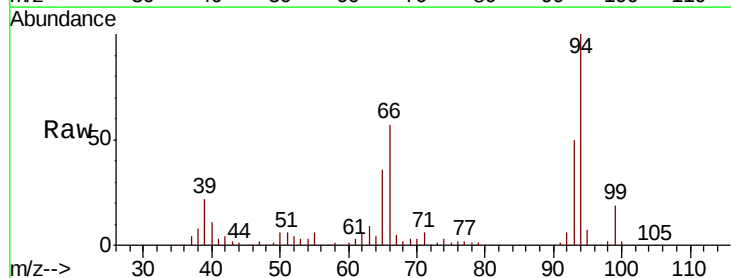
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

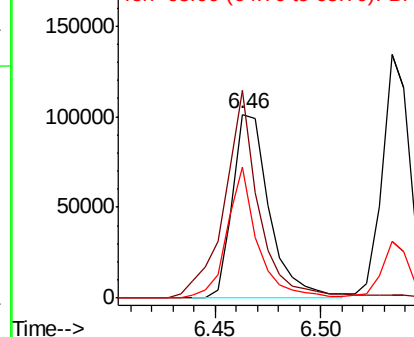
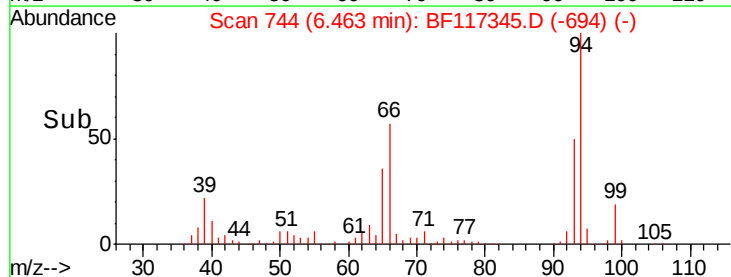
Tgt Ion:	93	Resp:	123095
Ion Ratio	Lower	Upper	
93	100		
66	112.7	32.6	49.0#
65	71.3	16.7	25.1#

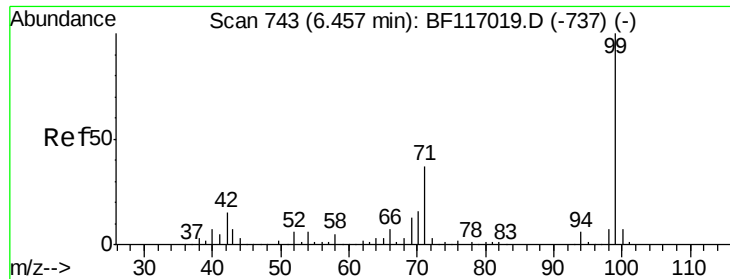


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.987 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

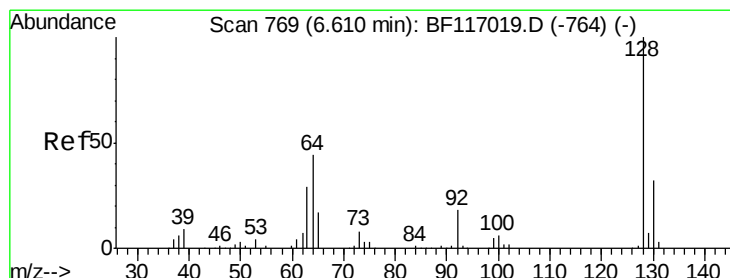
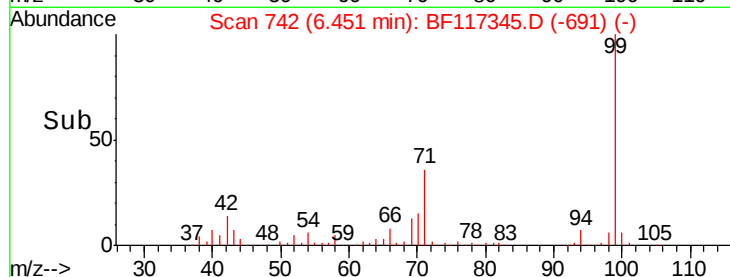
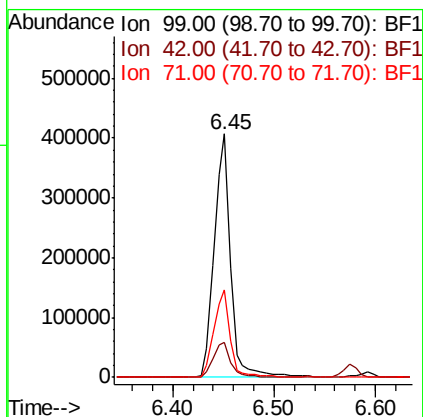
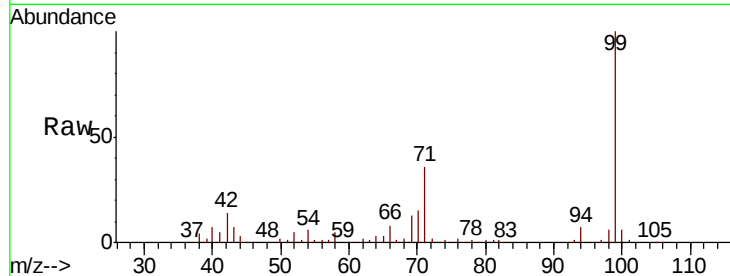
ClientSampled :

TP-COMPMSD

Tot Ion:	99	Resp:	458128
Ion Ratio	Lower	Upper	
99	100		
42	14.5	12.2	18.2
71	35.8	29.8	44.8

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#8

2-Chlorophenol

Concen: 43.810 ng

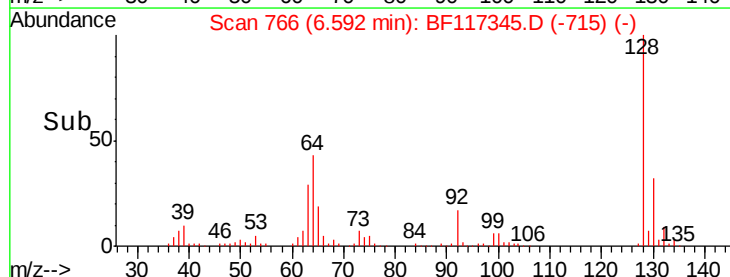
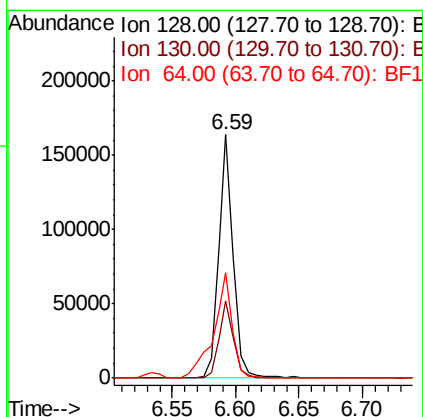
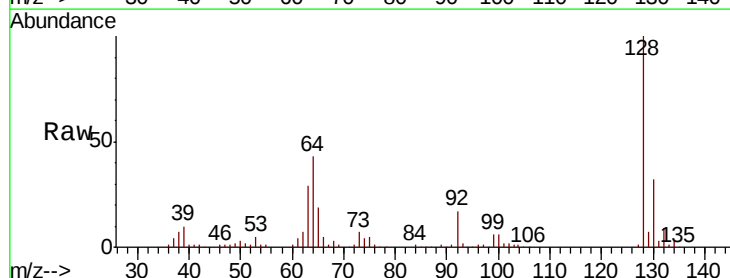
RT: 6.59 min Scan# 766

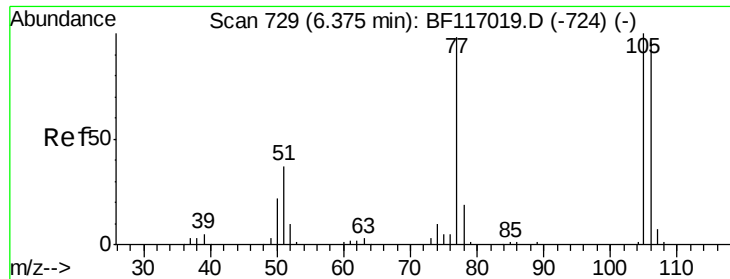
Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:	128	Resp:	131935
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.8	51.8
64	43.4	25.0	65.0





#9

Benzaldehyde

Concen: 43.787 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

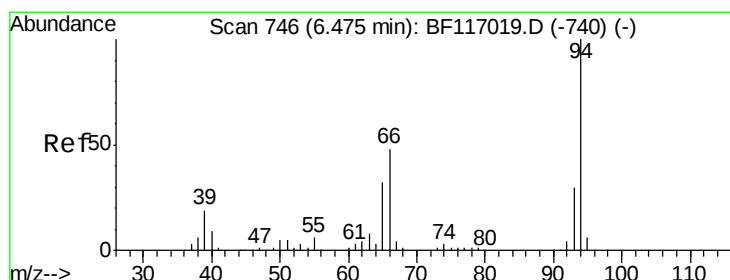
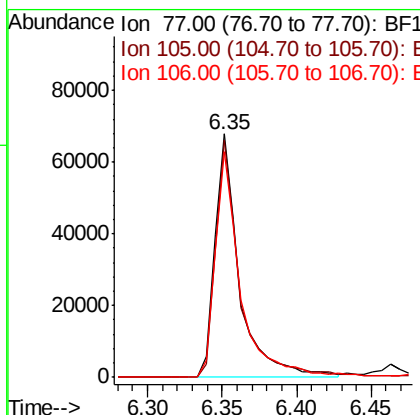
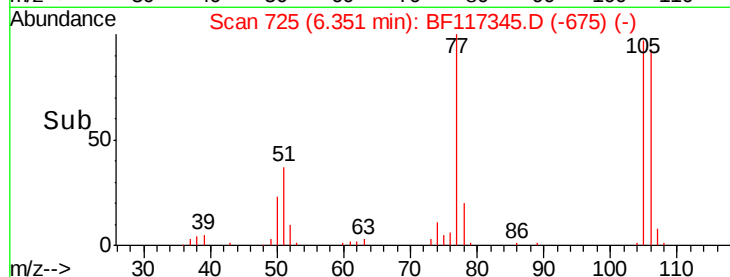
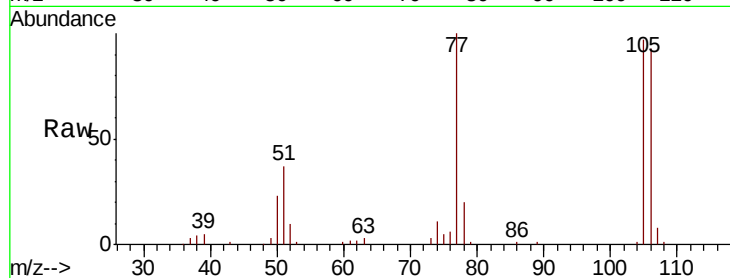
ClientSampleId :

TP-COMPMSD

Tot Ion:	77	Resp:	77321
Ion	Ratio	Lower	Upper
77	100		
105	97.4	81.8	121.8
106	92.8	77.3	117.3

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#10

Phenol

Concen: 43.291 ng

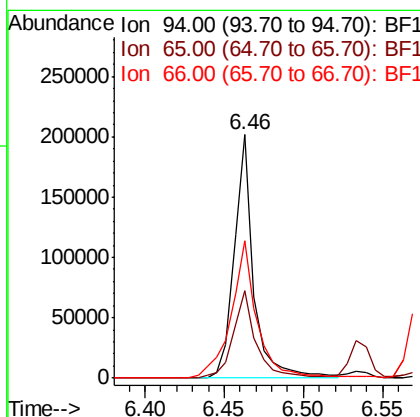
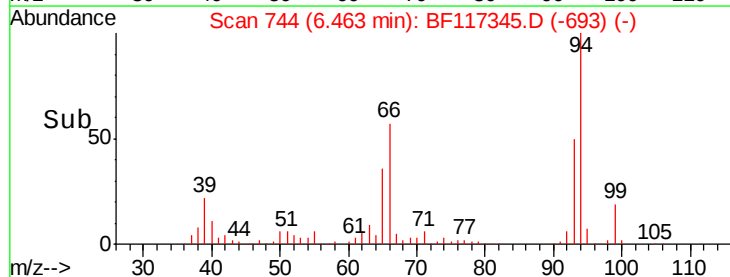
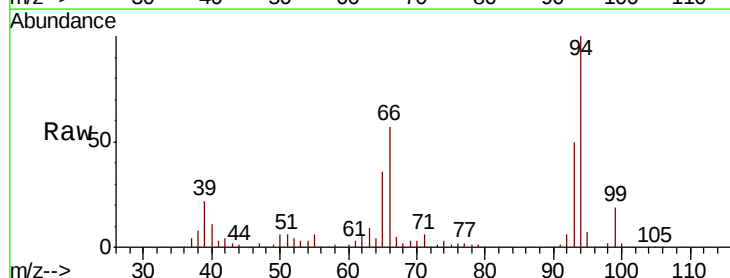
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:	94	Resp:	172177
Ion	Ratio	Lower	Upper
94	100		
65	35.8	12.5	52.5
66	56.6	28.9	68.9





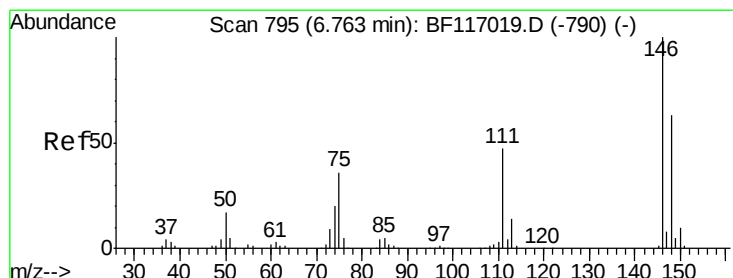
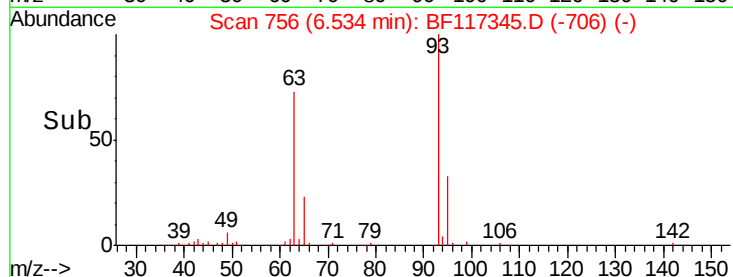
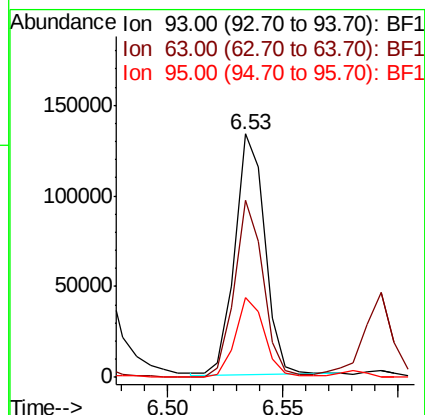
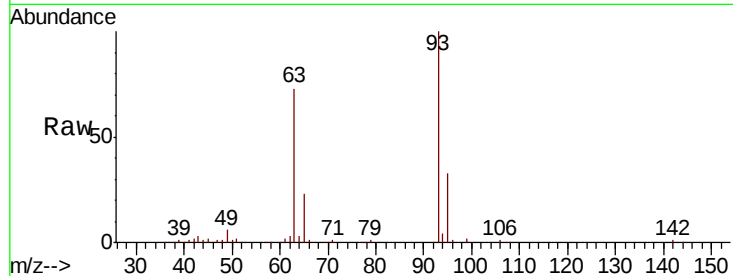
#11
bis(2-Chloroethyl)ether
Concen: 41.217 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	49.3	89.3
95	32.5	11.5	51.5

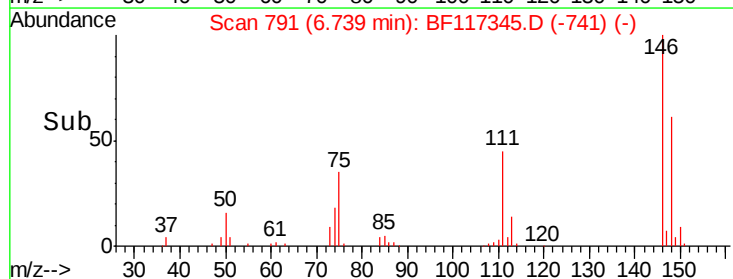
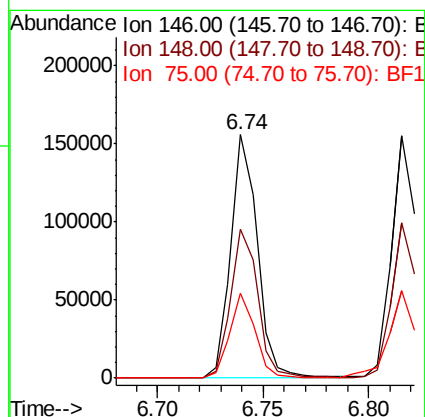
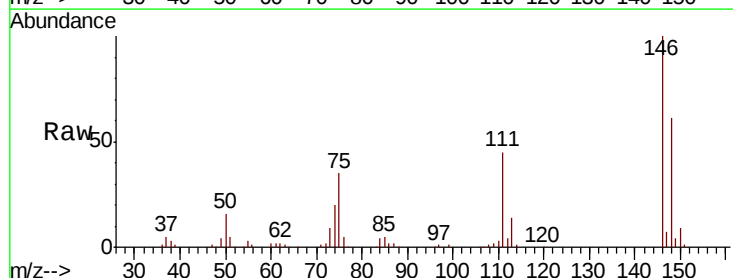
Manual Integrations
APPROVED

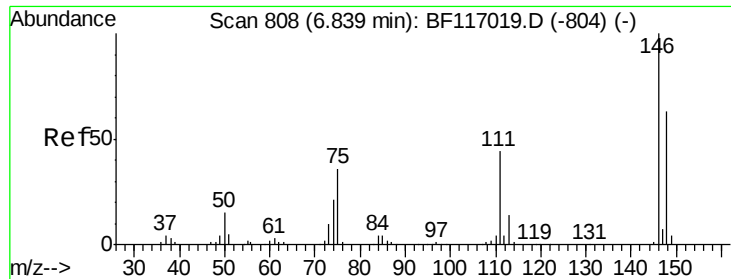
mohammad
10/11/2019 8:29:23 AM



#12
1,3-Dichlorobenzene
Concen: 40.313 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.8	76.2
75	34.9	28.7	43.1





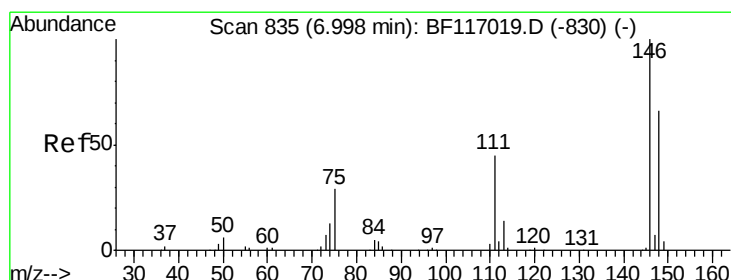
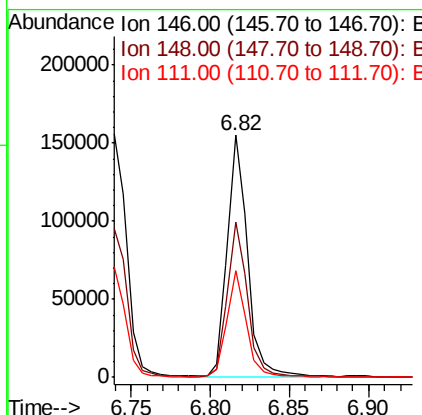
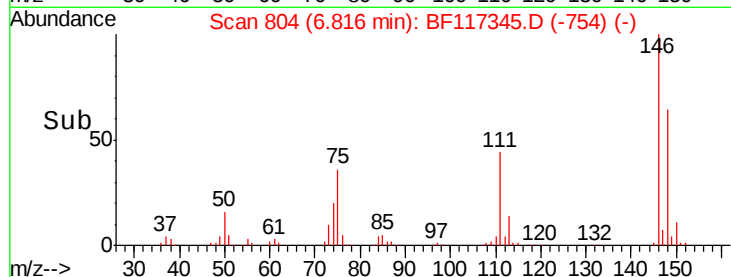
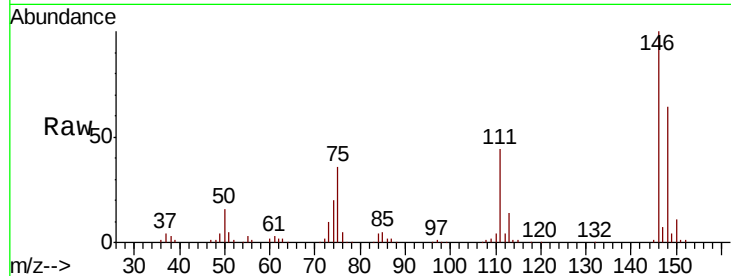
#13
1,4-Dichlorobenzene
Concen: 39.800 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	44.1	35.0	52.6

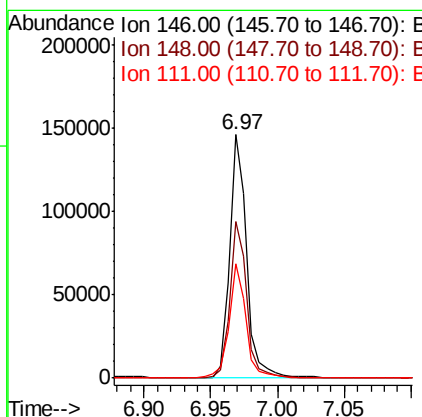
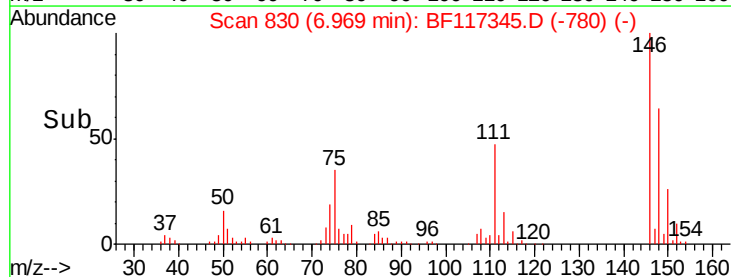
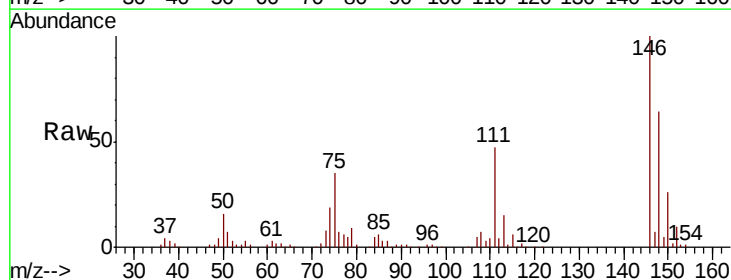
Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#14
1,2-Dichlorobenzene
Concen: 41.082 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
111	46.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.474 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

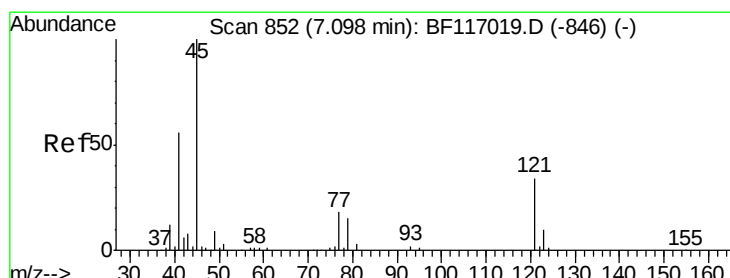
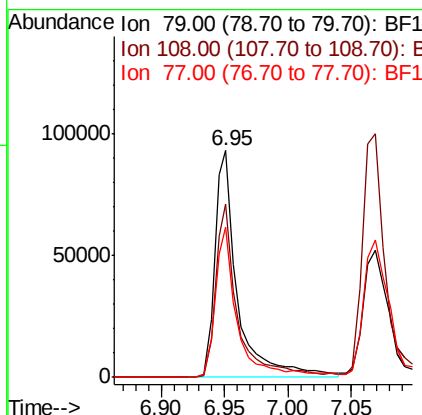
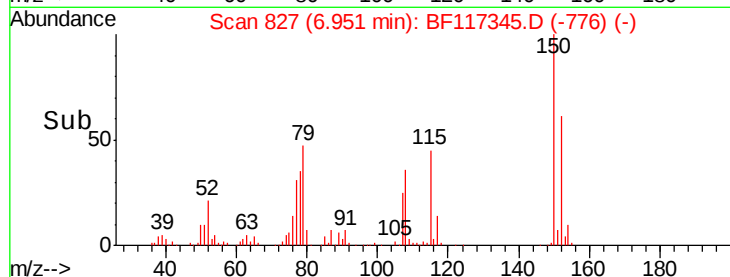
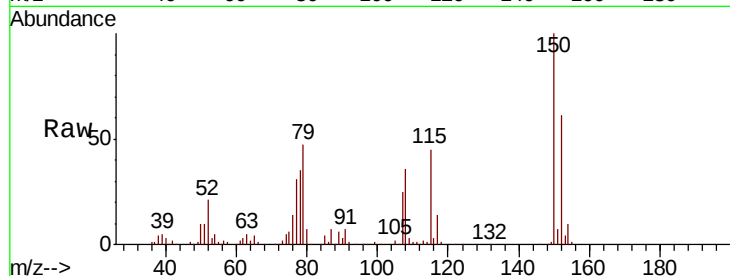
ClientSampled :

TP-COMPMSD

Tot Ion:	79	Resp:	117506
Ion	Ratio	Lower	Upper
79	100		
108	76.7	59.4	89.0
77	66.1	50.2	75.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.707 ng

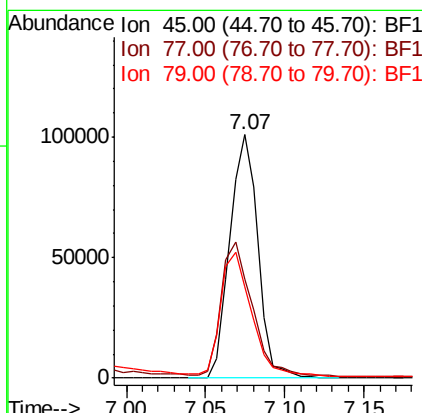
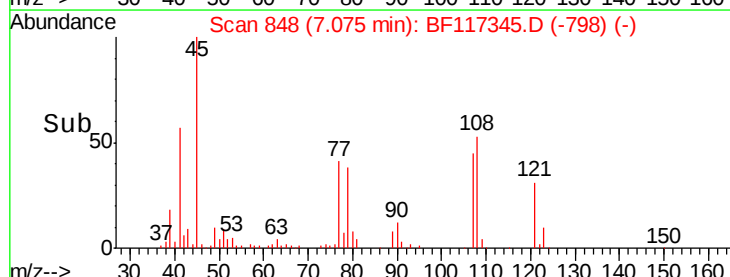
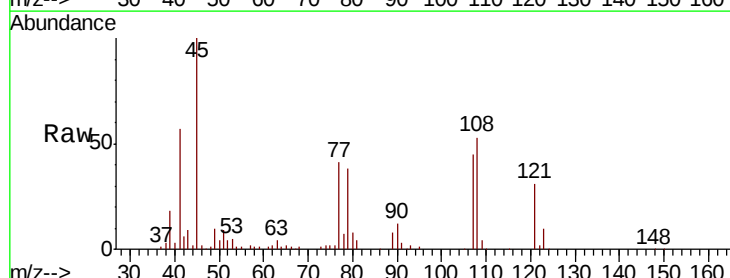
RT: 7.07 min Scan# 848

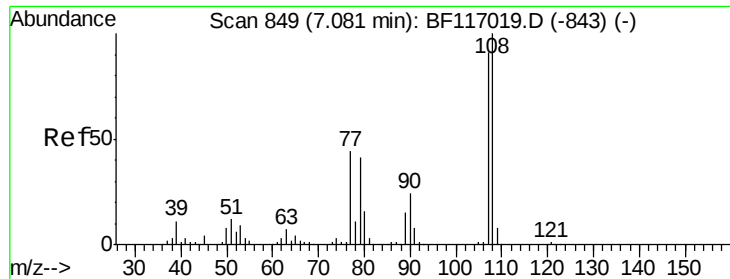
Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:	45	Resp:	123335
Ion	Ratio	Lower	Upper
45	100		
77	40.9	2.7	42.7
79	37.7	0.0	38.9





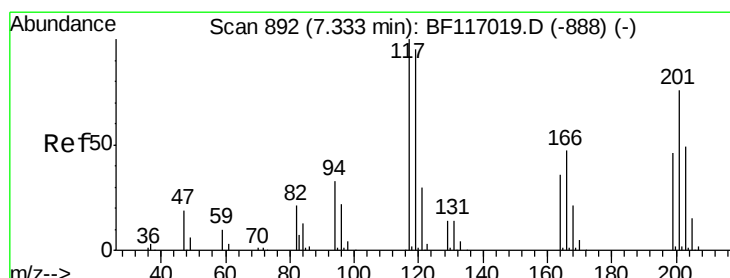
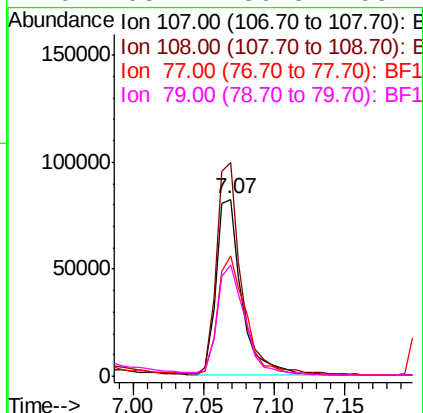
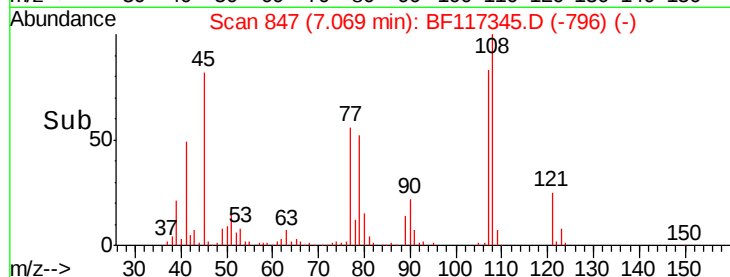
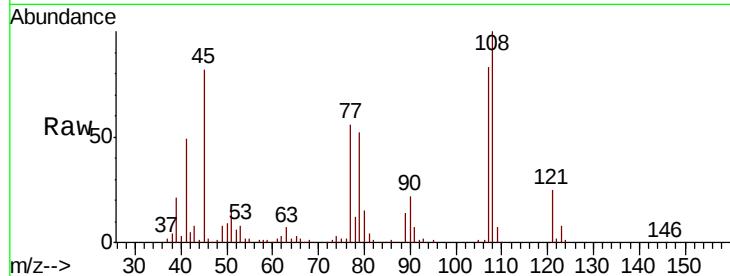
#17
2-Methylphenol
Concen: 40.769 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	120.7	87.7	131.5	
77	68.1	38.6	58.0	
79	63.1	36.8	55.2	

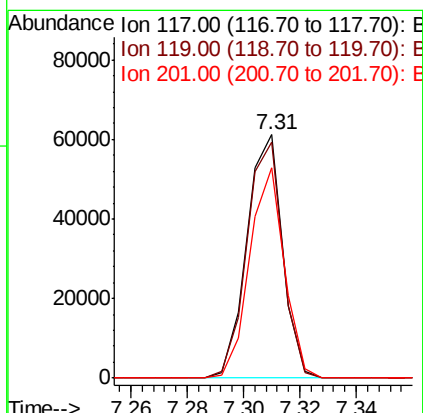
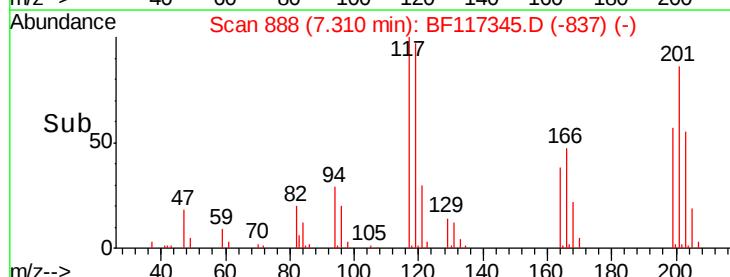
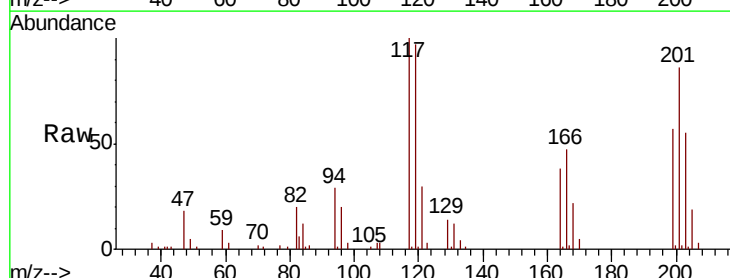
Manual Integrations
APPROVED

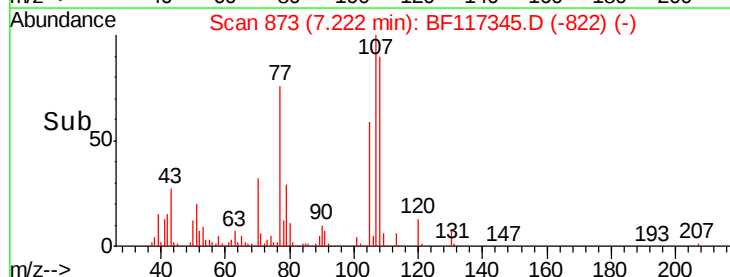
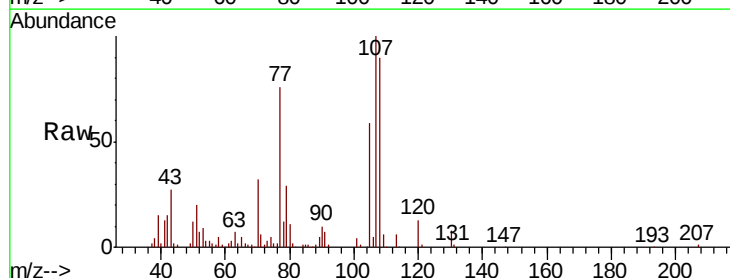
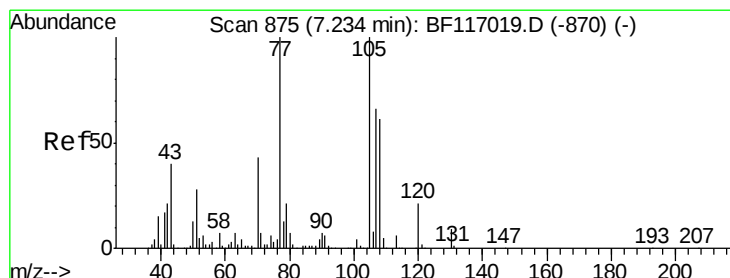
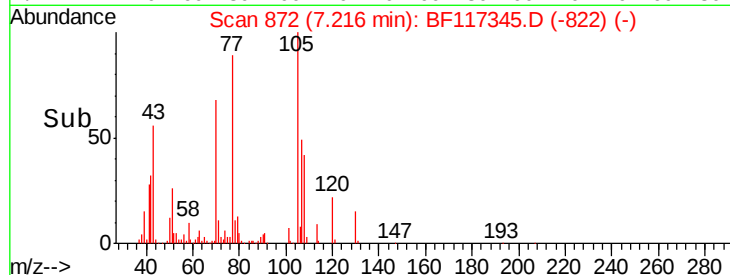
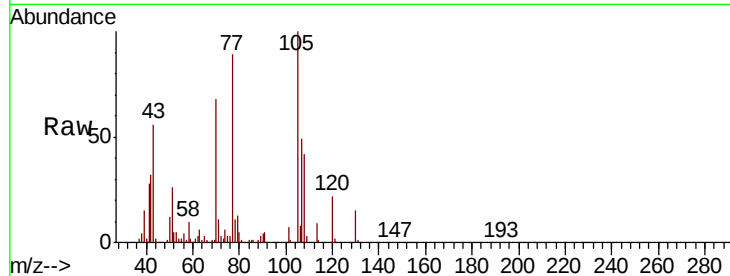
mohammad
10/11/2019 8:29:23 AM



#18
Hexachloroethane
Concen: 40.393 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	86.3	60.9	91.3	





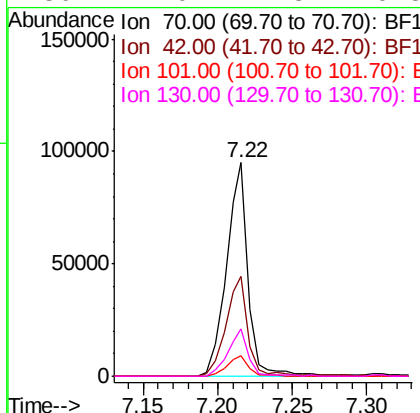
#19
n-Nitroso-di-n-propylamine
Concen: 44.133 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.0	34.0	51.0
101	9.8	7.8	11.6
130	22.0	17.8	26.8

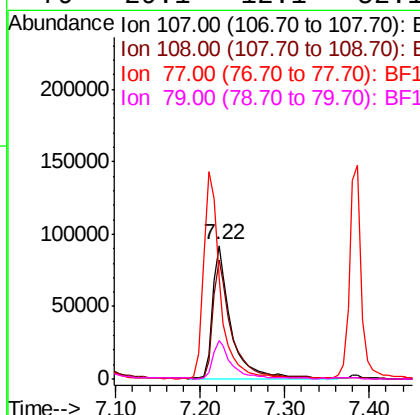
Manual Integrations
APPROVED

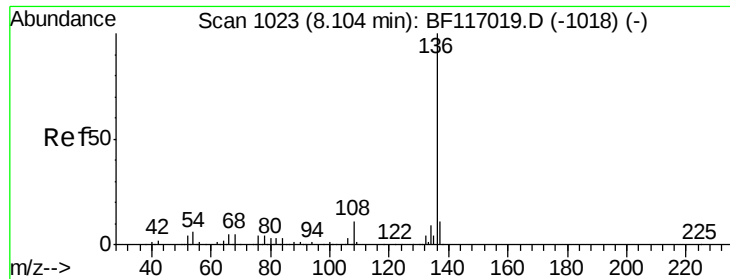
mohammad
10/11/2019 8:29:23 AM



#20
3+4-Methylphenols
Concen: 44.460 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.6	112.6
77	76.0	132.1	172.1#
79	29.1	12.1	52.1





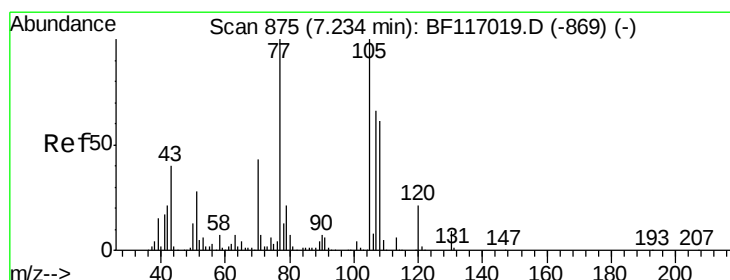
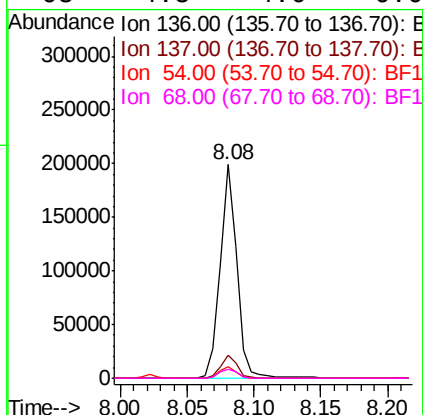
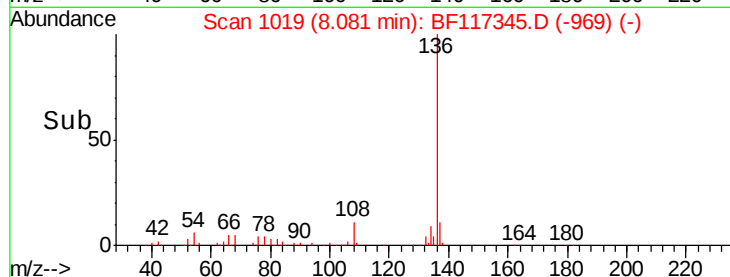
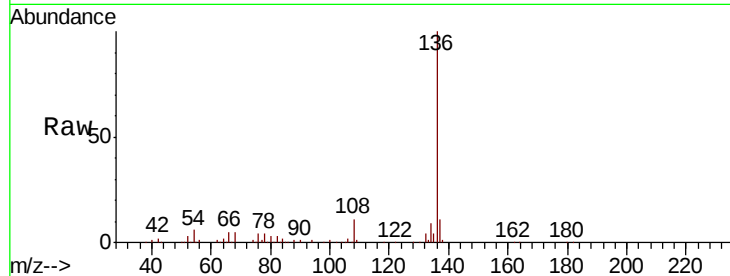
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		179213		
137	10.9		9.0	13.4	
54	5.6		4.5	6.7	
68	4.5		4.0	6.0	

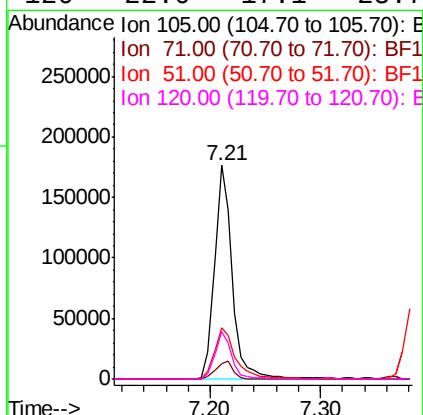
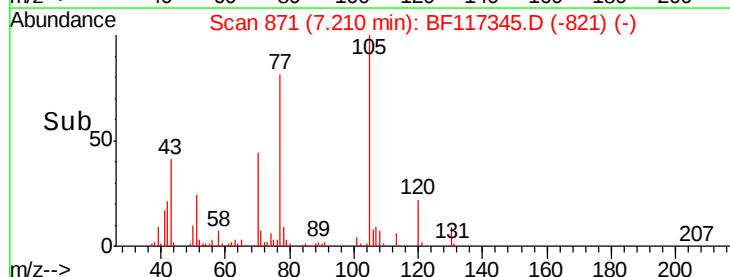
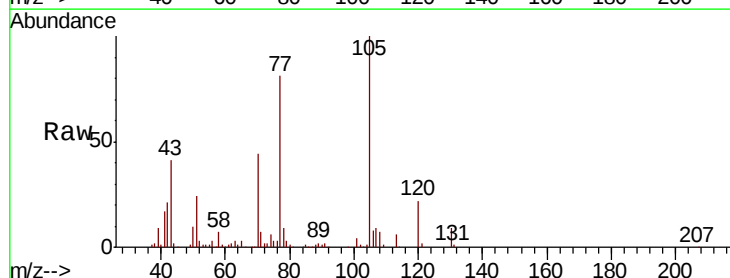
Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#22
Acetophenone
Concen: 42.514 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		193579		
71	7.2		5.7	8.5	
51	23.7		22.1	33.1	
120	22.0		17.1	25.7	





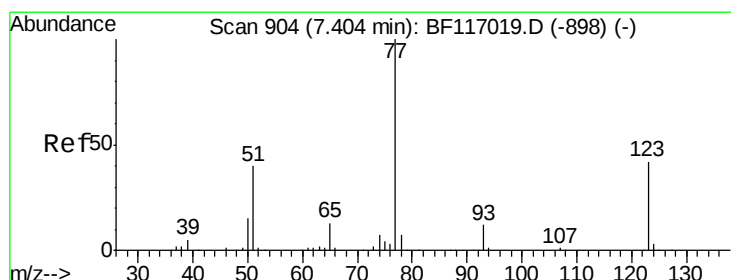
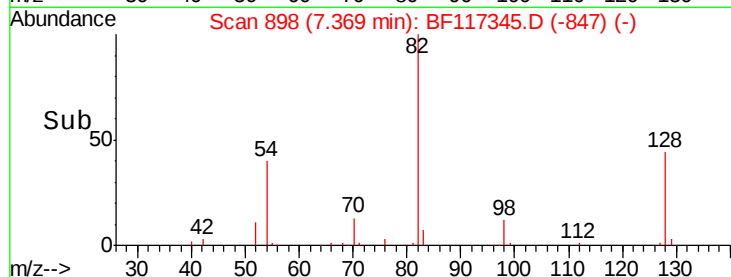
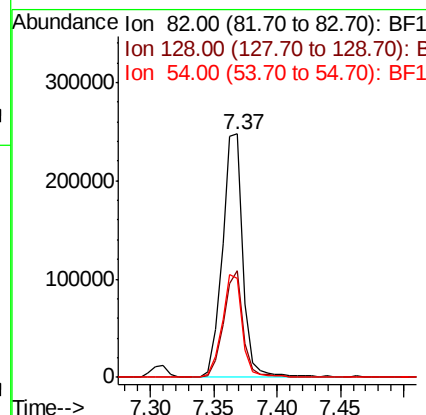
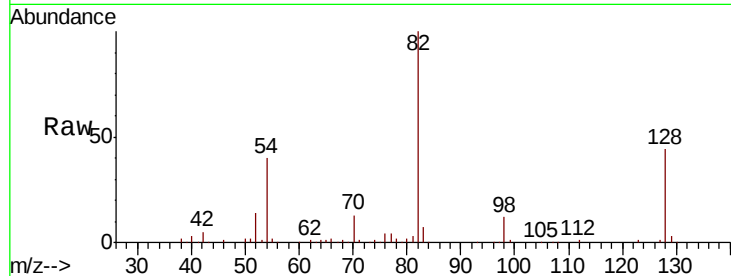
#23
Nitrobenzene-d5
Concen: 82.733 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.3	48.5
54	40.4	33.3	49.9

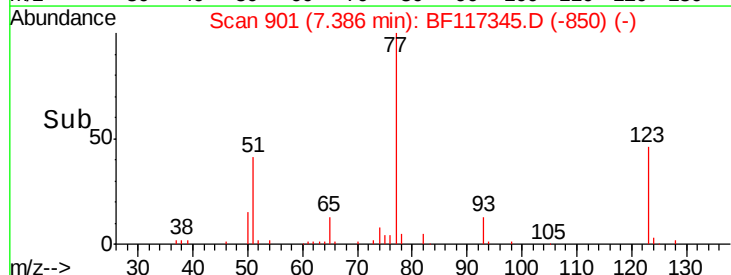
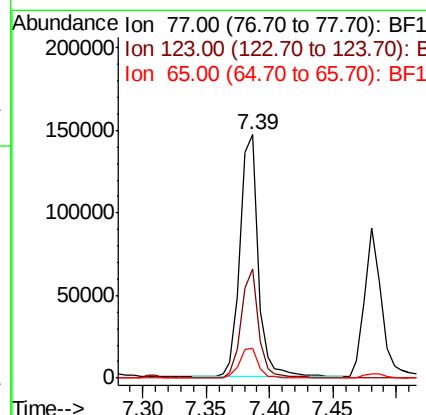
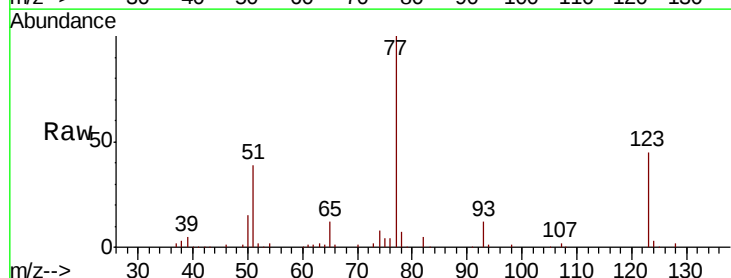
Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#24
Nitrobenzene
Concen: 42.966 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	33.5	50.3
65	12.2	10.5	15.7





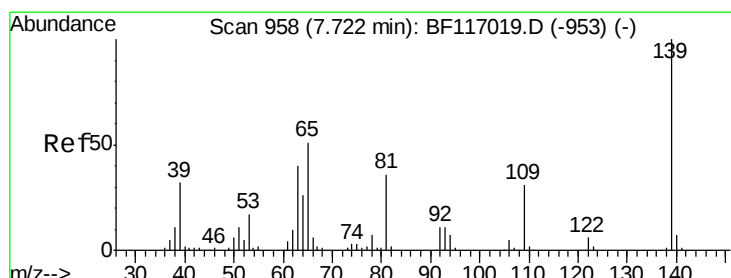
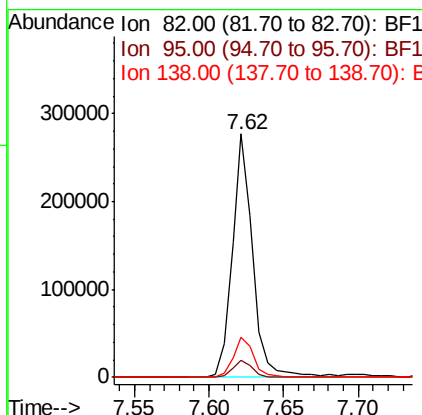
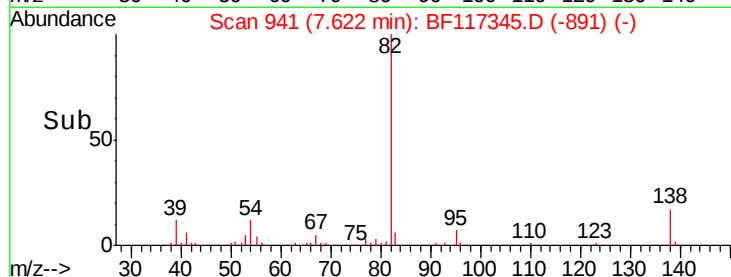
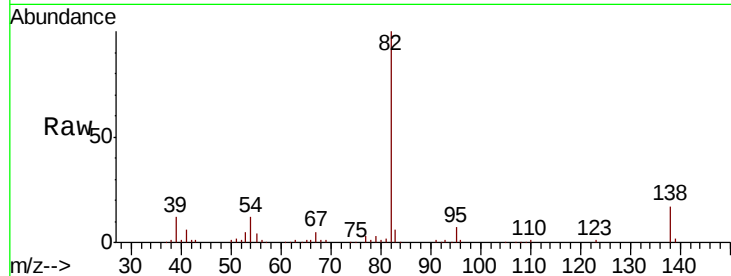
#25
Isophorone
Concen: 44.296 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	267511		
95	7.0		5.8	8.6
138	16.7		13.5	20.3

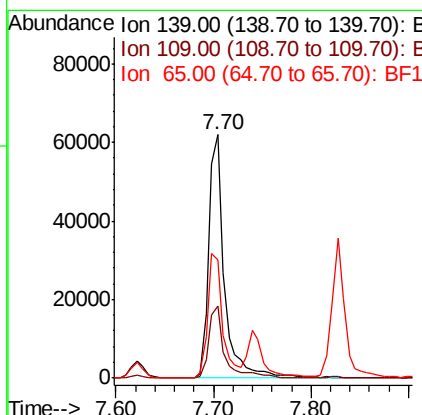
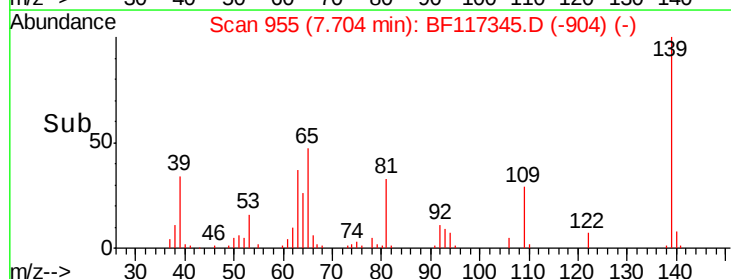
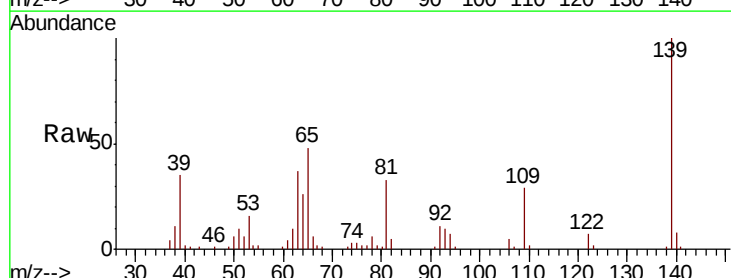
Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#26
2-Nitrophenol
Concen: 47.802 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69161		
109	29.4		24.6	36.8
65	48.3		40.9	61.3





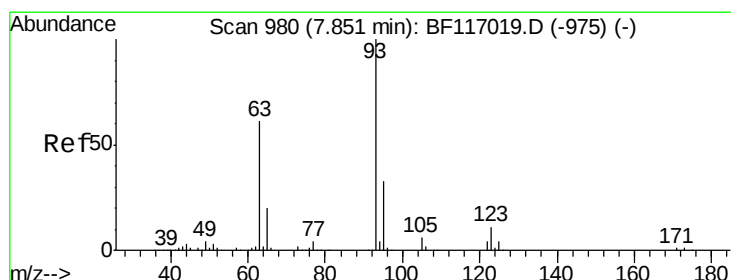
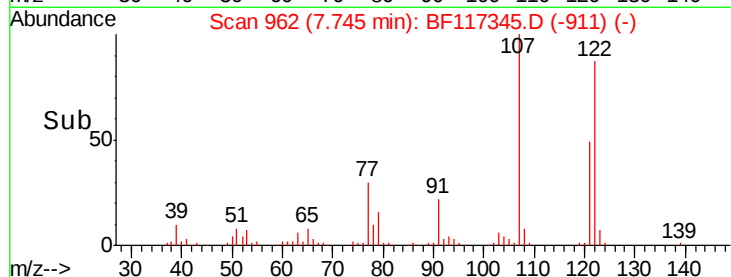
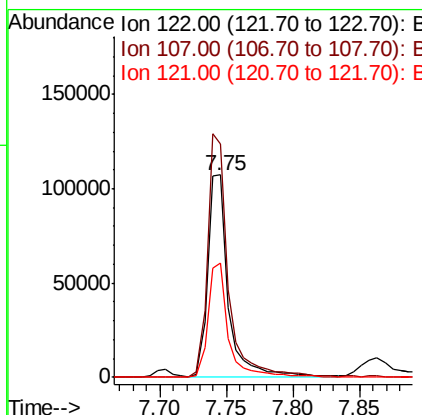
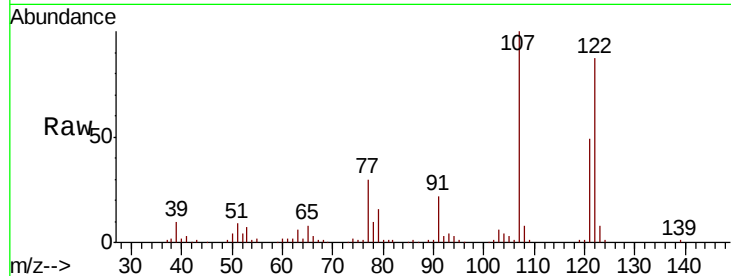
#27
 2,4-Dimethylphenol
 Concen: 50.281 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	98.9	148.3
121	56.3	45.3	67.9

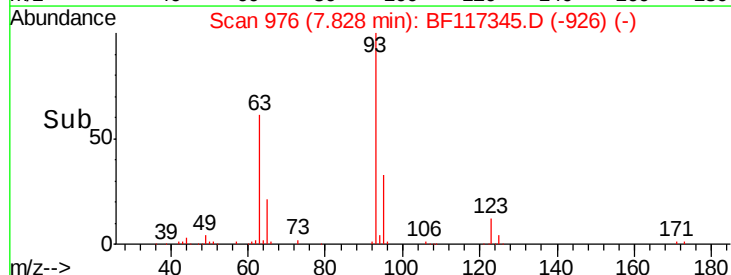
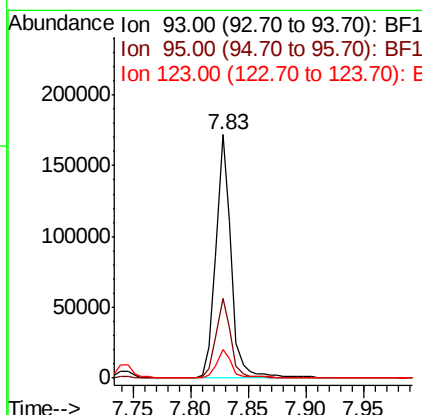
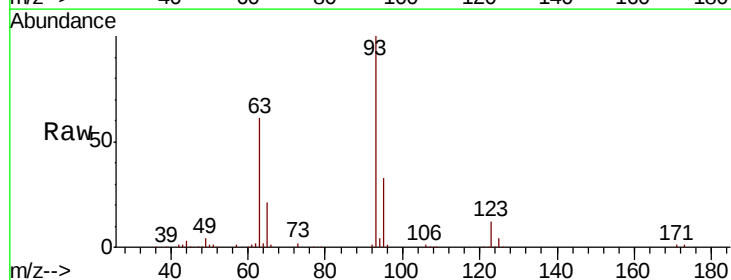
Manual Integrations
 APPROVED

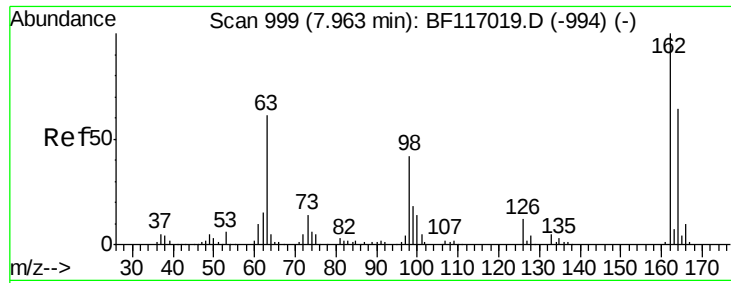
mohammad
 10/11/2019 8:29:23 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.622 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.5	9.0	13.6





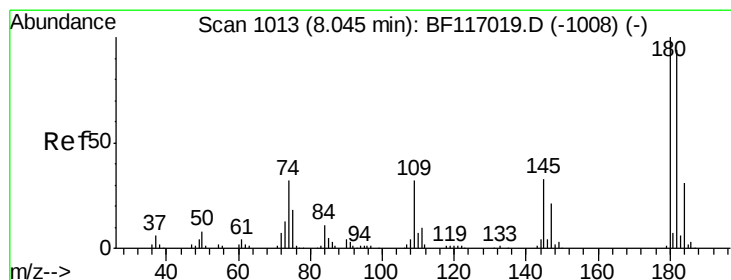
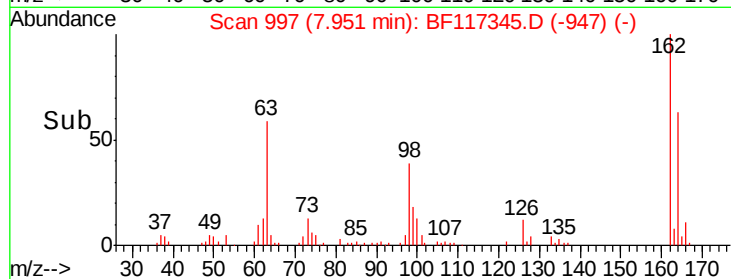
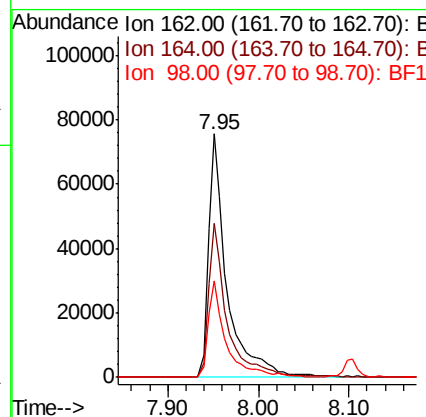
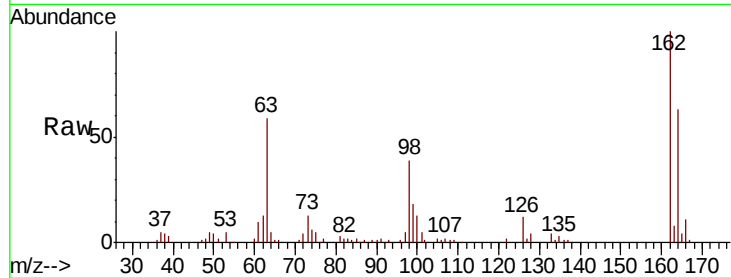
#29
2,4-Dichlorophenol
Concen: 44.784 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		107663		
164	63.4	43.8	83.8		
98	39.5	22.1	62.1		

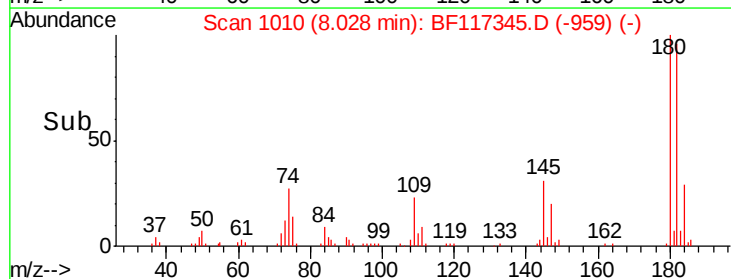
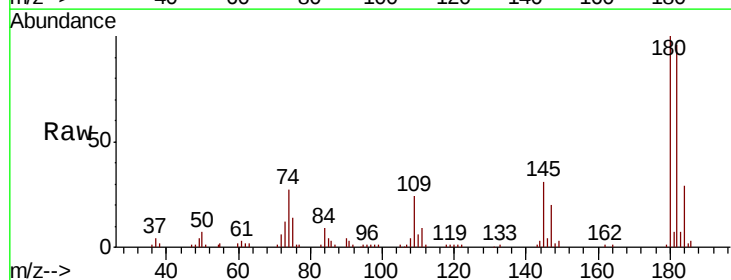
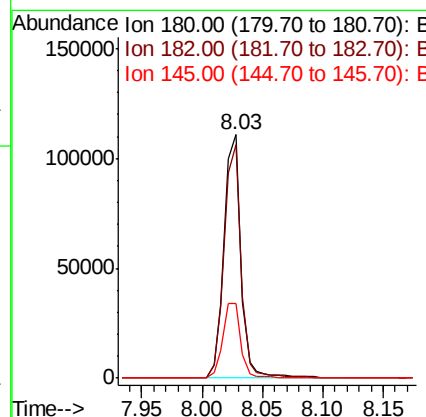
Manual Integrations
APPROVED

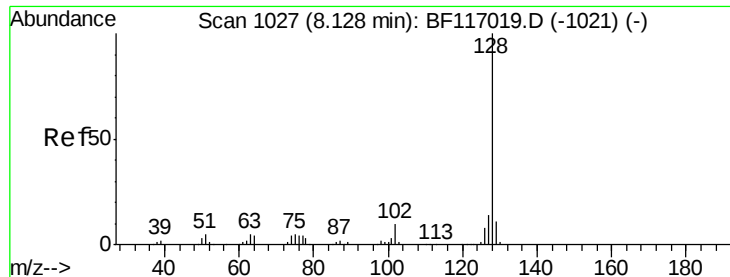
mohammad
10/11/2019 8:29:23 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.398 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		107521		
182	95.7	75.4	113.0		
145	30.9	26.7	40.1		





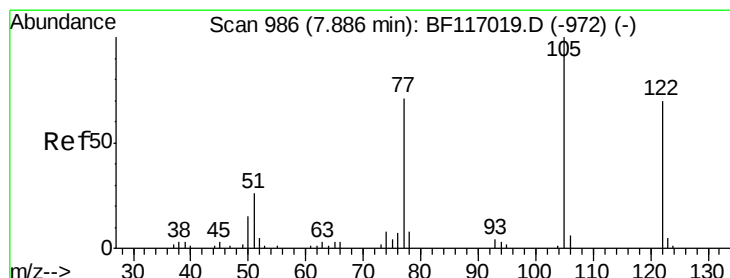
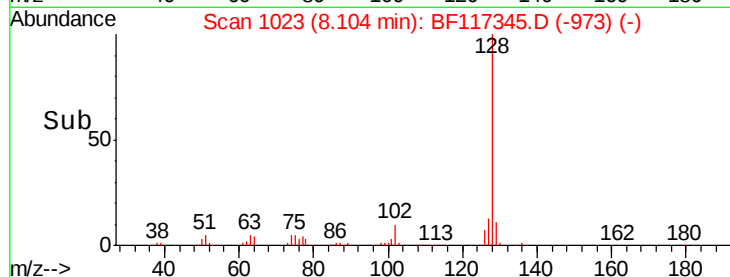
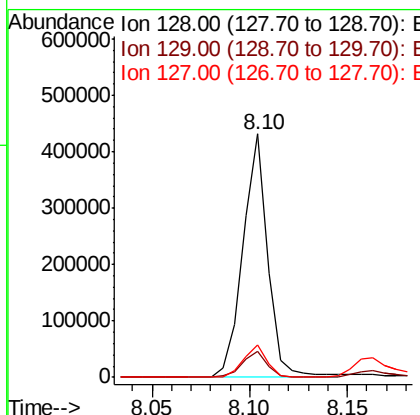
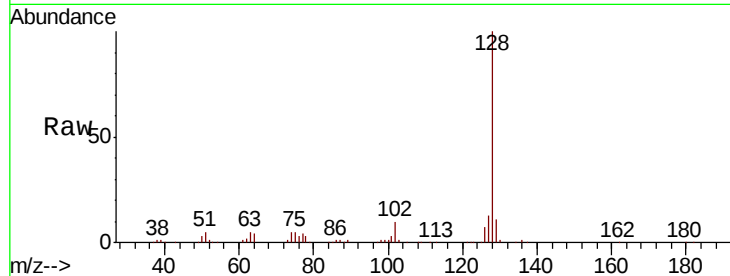
#31
Naphthalene
Concen: 44.289 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.4	
127	13.1	10.8	16.2	

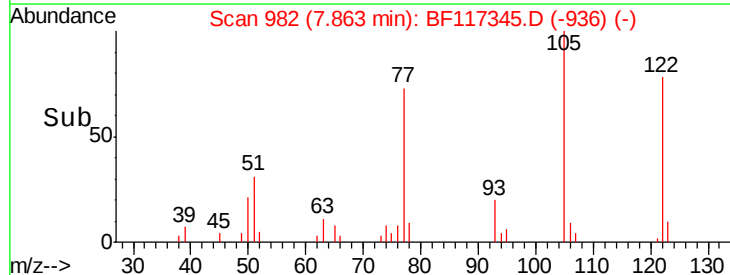
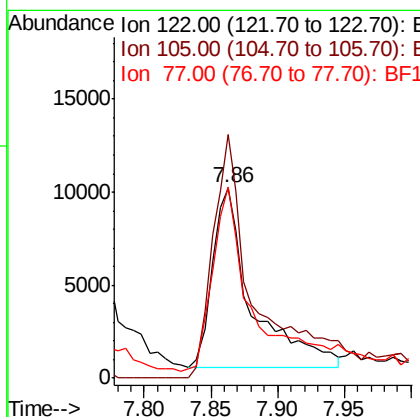
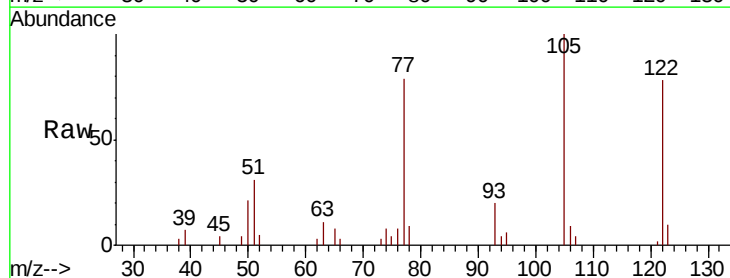
Manual Integrations
APPROVED

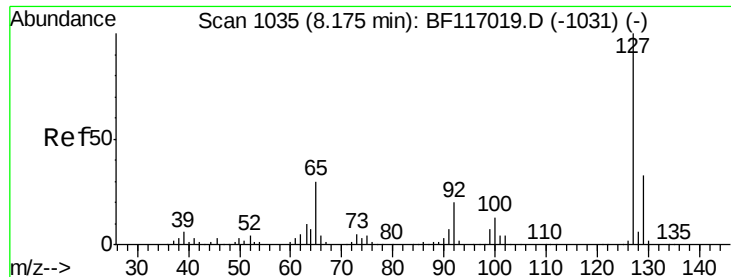
mohammad
10/11/2019 8:29:23 AM



#32
Benzoic acid
Concen: 16.524 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.2	114.8	154.8	
77	100.9	78.7	118.7	





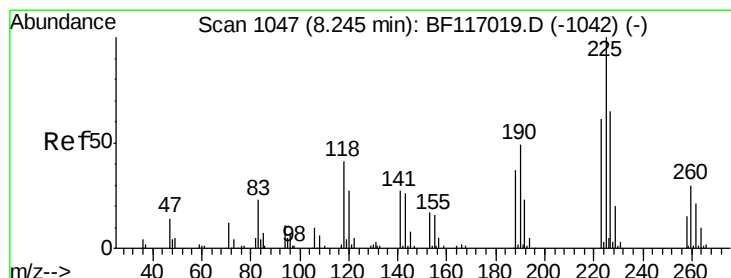
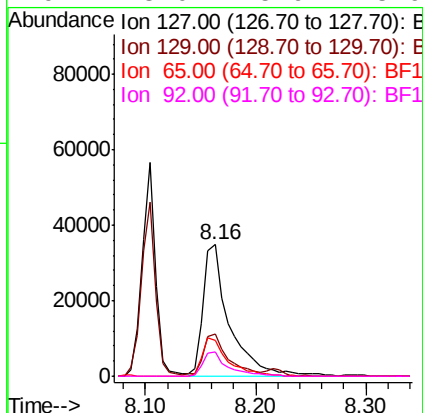
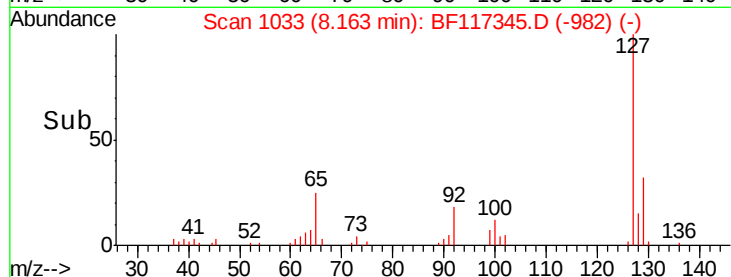
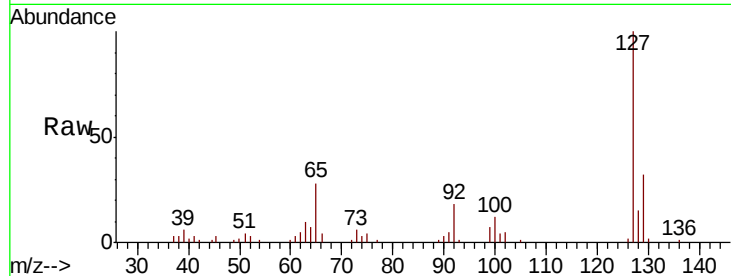
#33
4-Chloroaniline
Concen: 14.902 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		56968		
129	31.8	26.2	39.2		
65	27.5	23.5	35.3		
92	18.0	15.9	23.9		

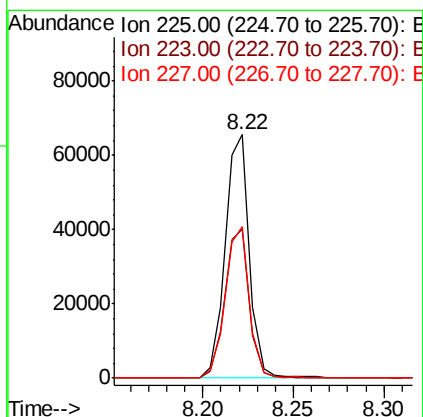
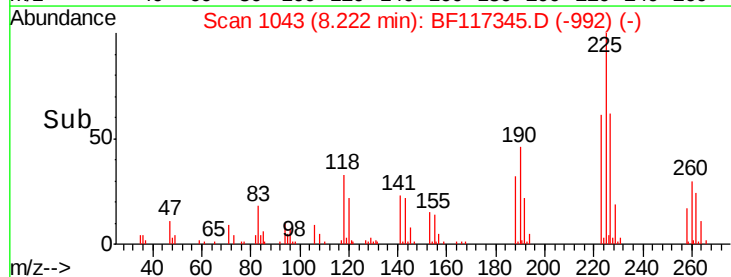
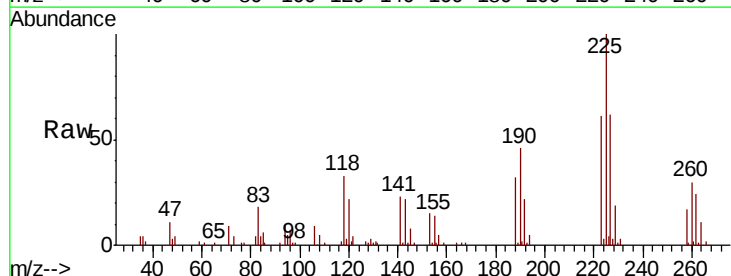
Manual Integrations
APPROVED

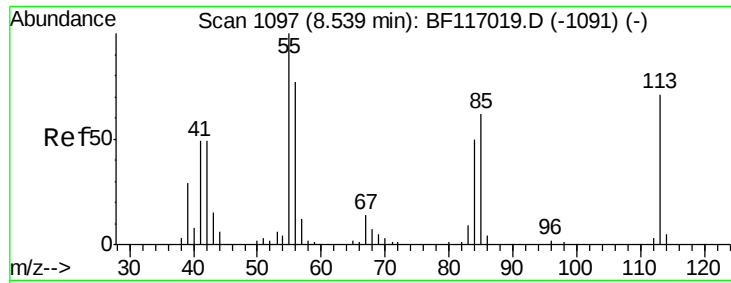
mohammad
10/11/2019 8:29:23 AM



#34
Hexachlorobutadiene
Concen: 41.098 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		60560		
223	61.4	49.1	73.7		
227	62.2	52.2	78.2		





#35

Caprolactam

Concen: 41.615 ng/mL

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

TP-COMPMSD

Tot Ion:113 Resp: 33863

Ion Ratio Lower Upper

113 100

55 134.8 120.6 160.6

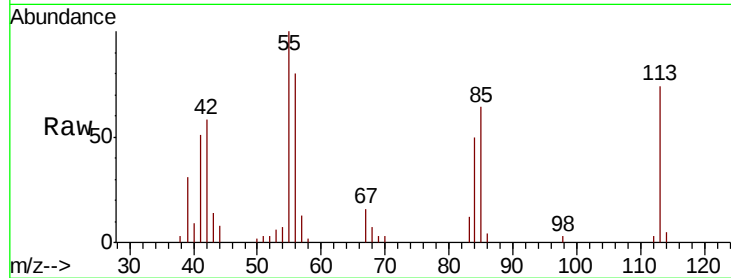
56 107.6 88.8 128.8

Manual Integrations

APPROVED

mohammad

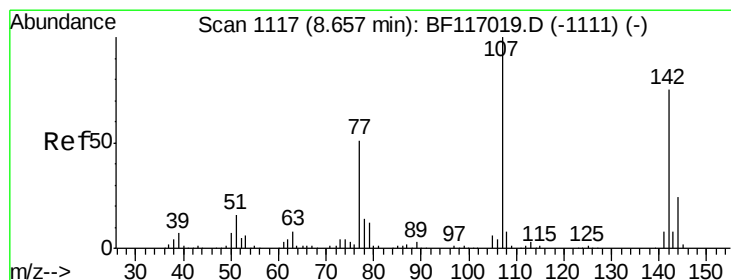
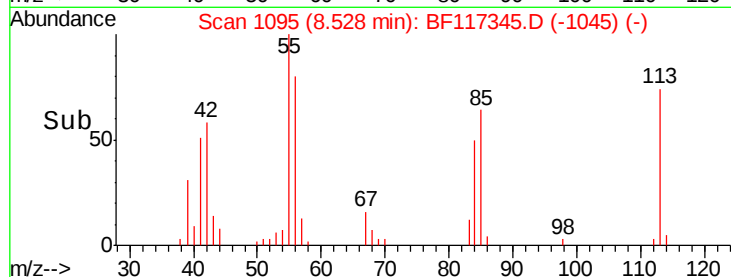
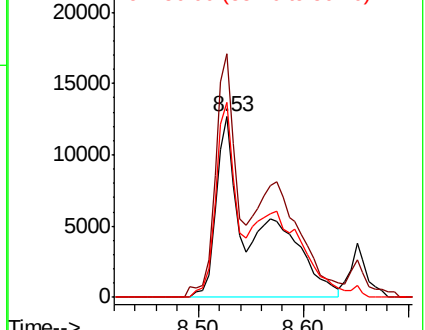
10/11/2019 8:29:23 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.454 ng/mL

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

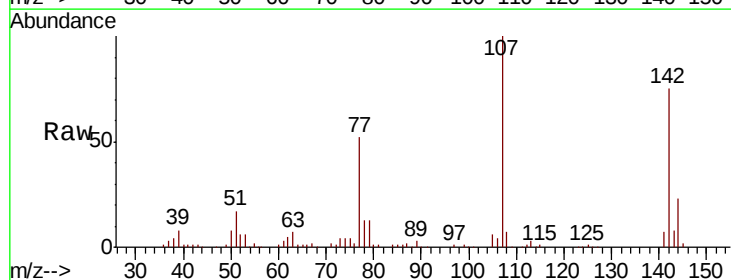
Tgt Ion:107 Resp: 124613

Ion Ratio Lower Upper

107 100

144 23.4 19.2 28.8

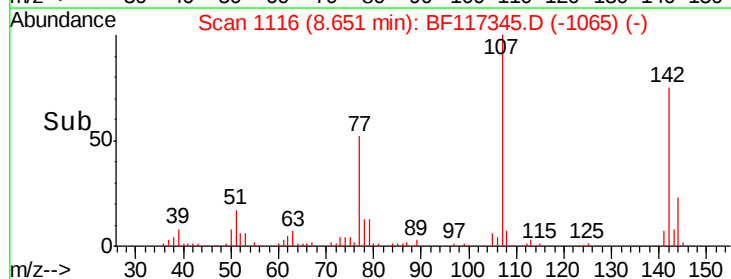
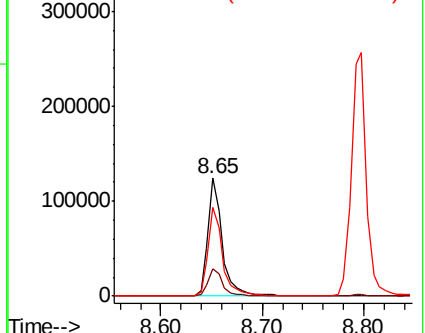
142 75.5 59.6 89.4

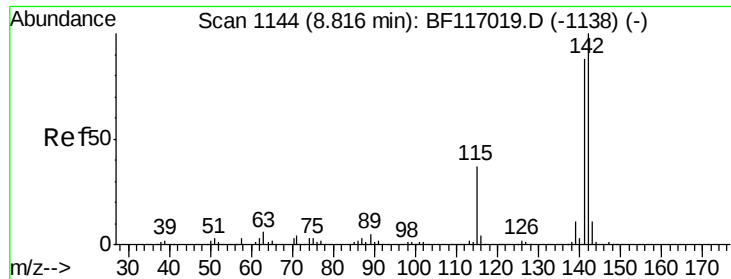


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





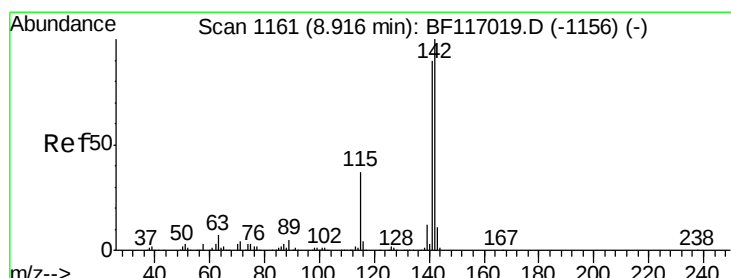
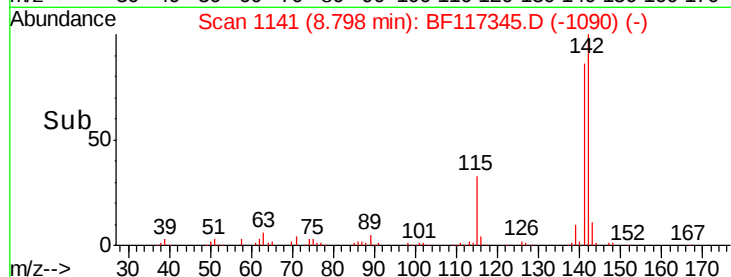
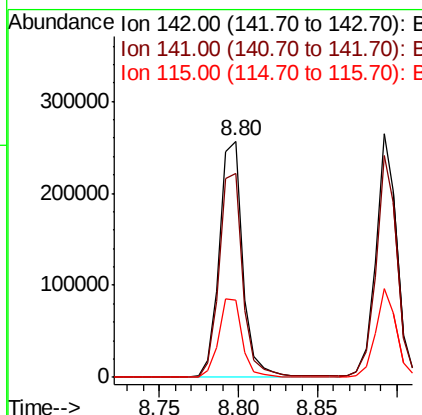
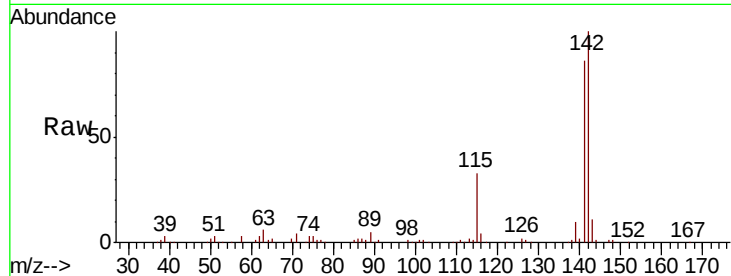
#37
2-Methylnaphthalene
Concen: 45.553 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.7	106.1
115	32.8	29.4	44.0

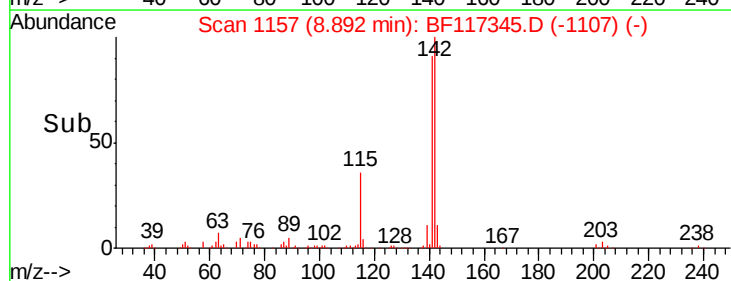
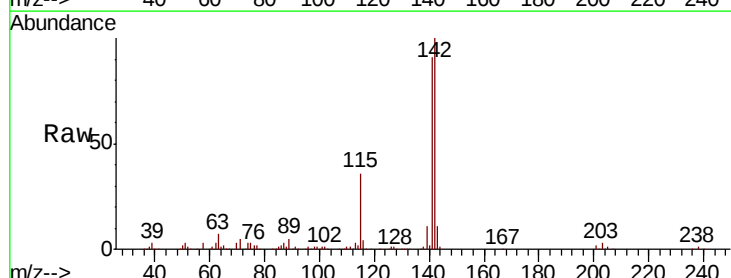
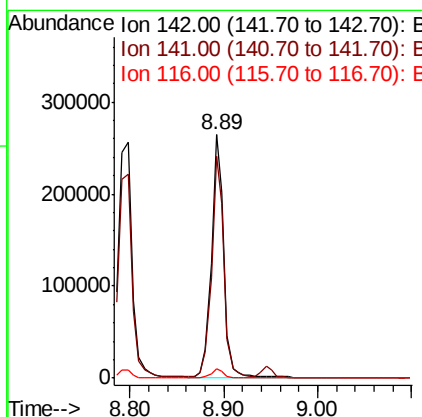
Manual Integrations
APPROVED

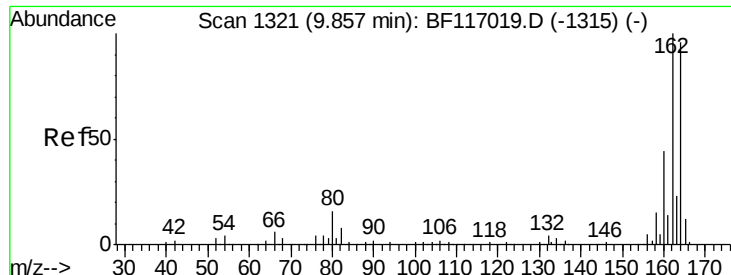
mohammad
10/11/2019 8:29:23 AM



#38
1-Methylnaphthalene
Concen: 46.164 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
116	3.6	3.2	4.8





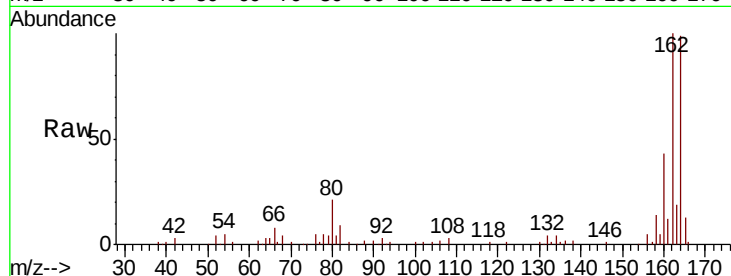
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.4	125.2
160	43.7	36.4	54.6

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

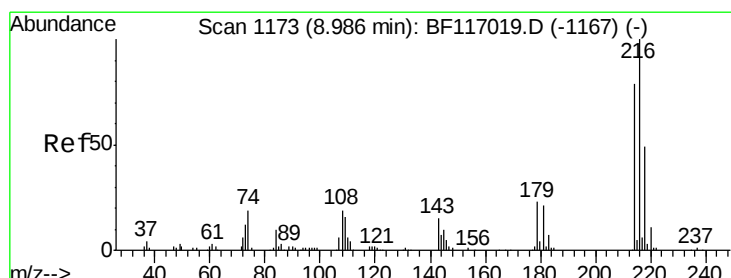
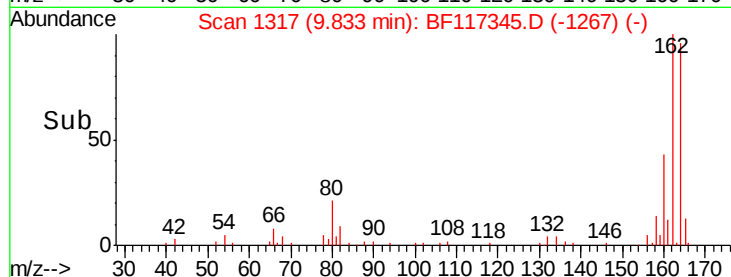
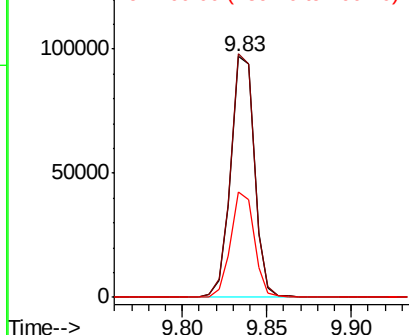


Abundance

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: 41.772 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	23.3	18.3	27.5
108	23.1	17.8	26.6

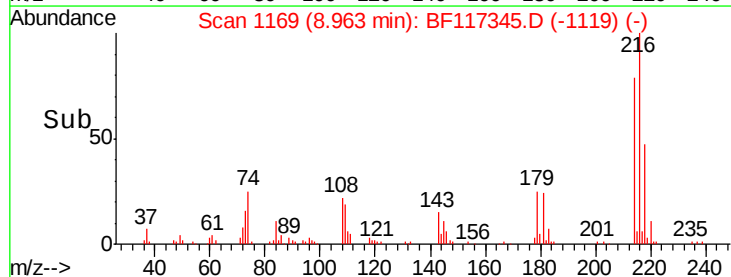
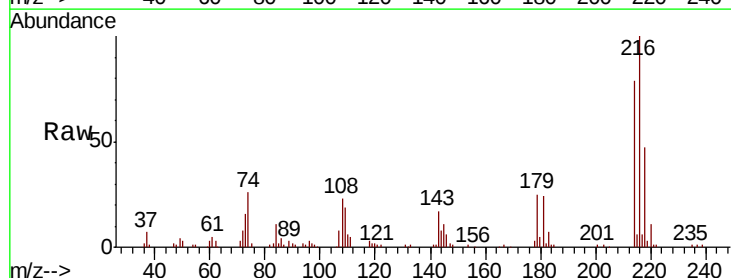
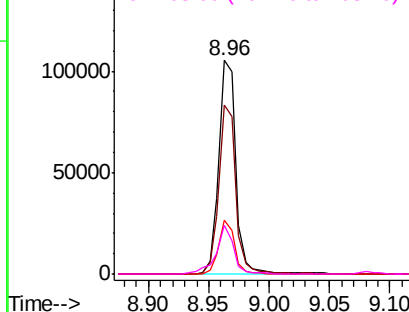
Abundance

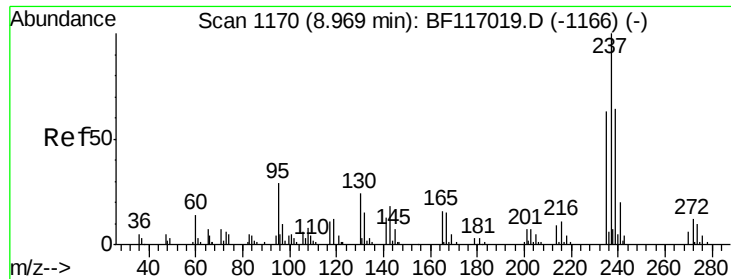
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 62.879 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

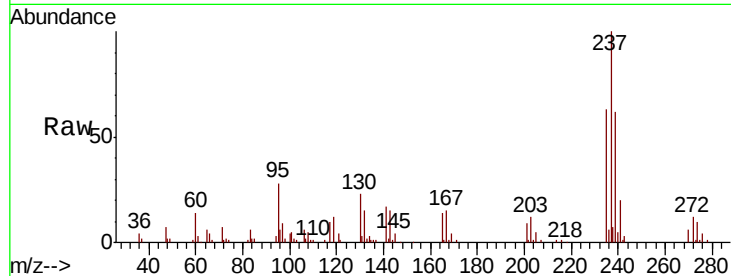
ClientSampleId :

TP-COMPMSD

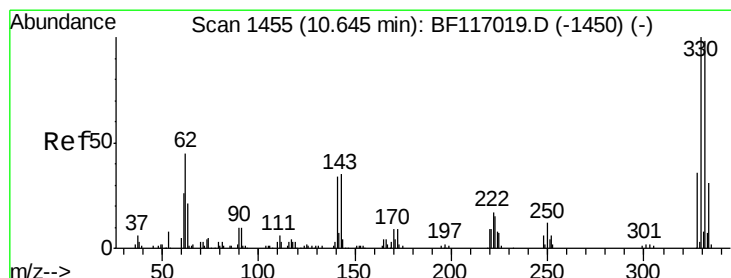
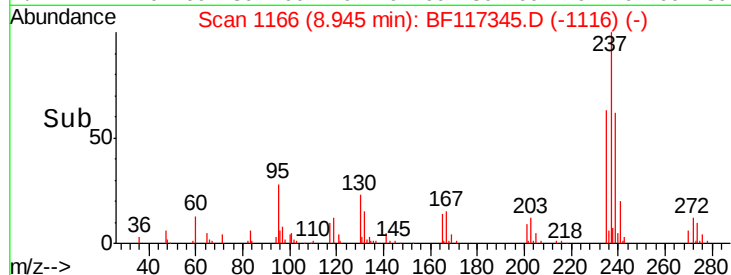
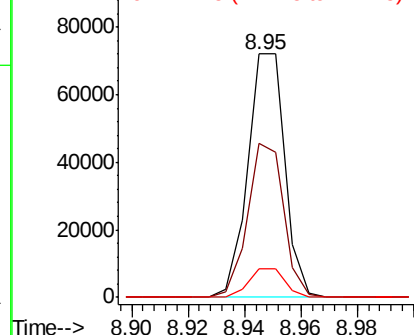
Tot Ion:	237	Resp:	65906
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.2	83.2
272	12.0	0.0	31.9

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 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: 123.250 ng

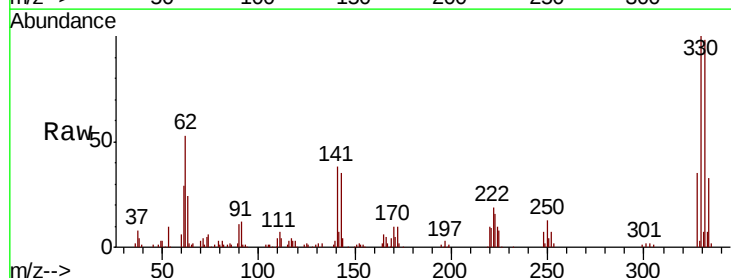
RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

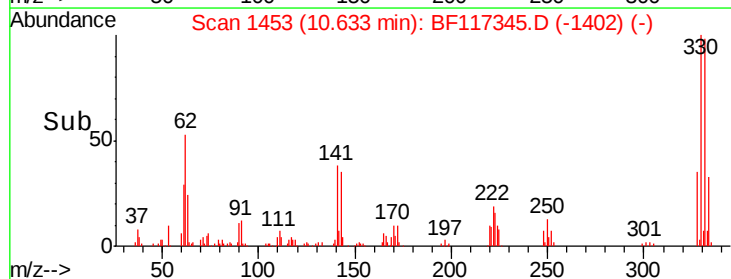
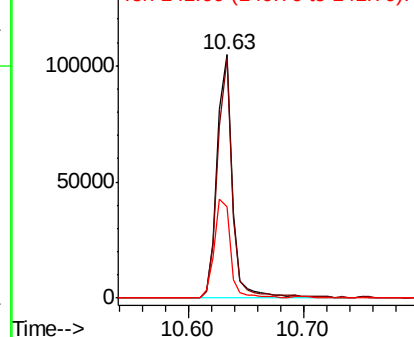
Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:	330	Resp:	97476
Ion Ratio	Lower	Upper	
330	100		
332	95.0	78.0	117.0
141	43.1	35.8	53.6



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





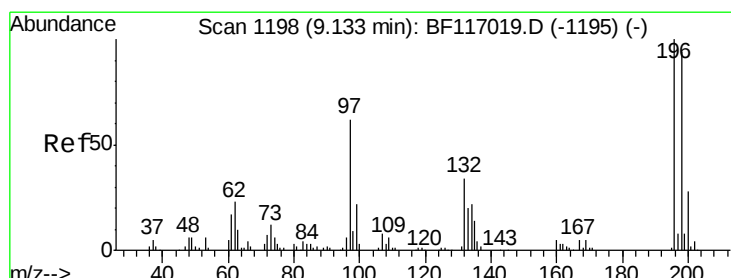
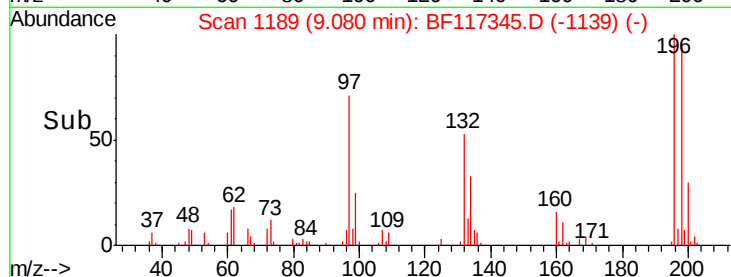
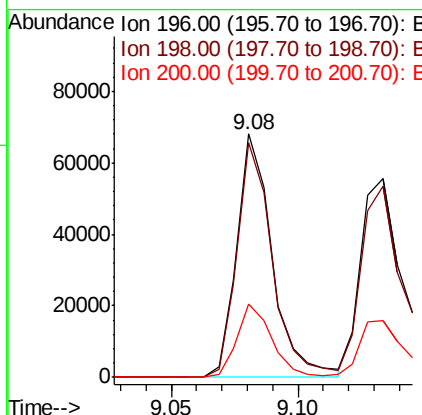
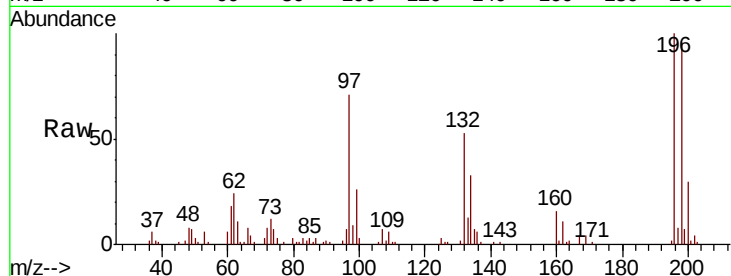
#43
 2,4,6-Trichlorophenol
 Concen: 39.844 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	29.9	23.3	34.9

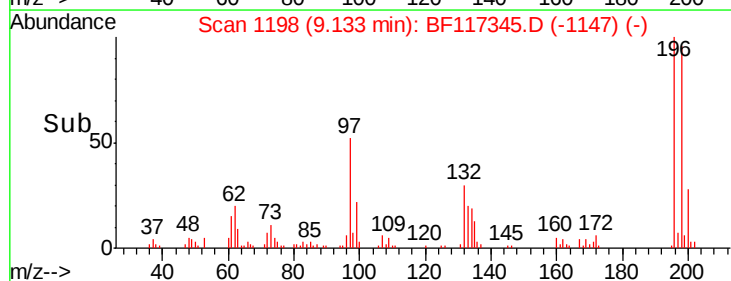
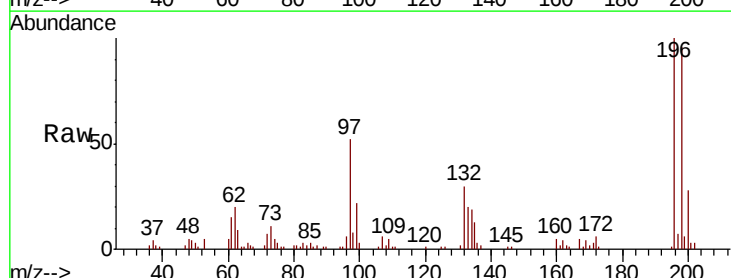
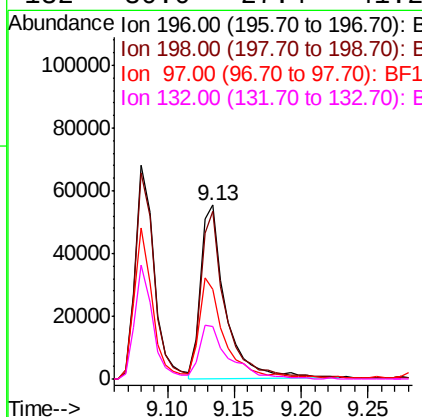
Manual Integrations
 APPROVED

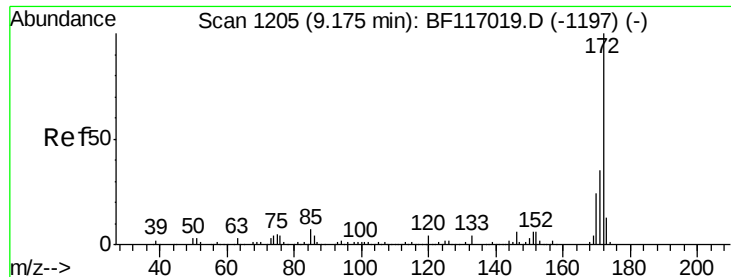
mohammad
 10/11/2019 8:29:23 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.117 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	51.6	49.5	74.3
132	30.0	27.4	41.2





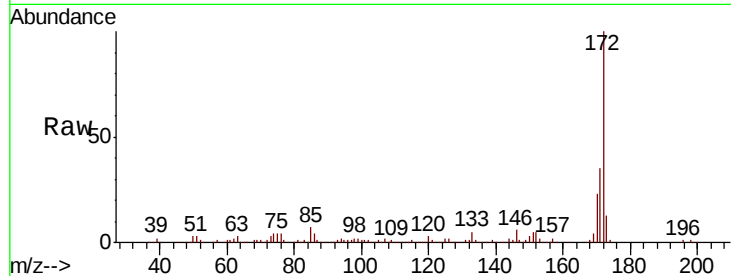
#45
2-Fluorobiphenyl
Concen: 79.615 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

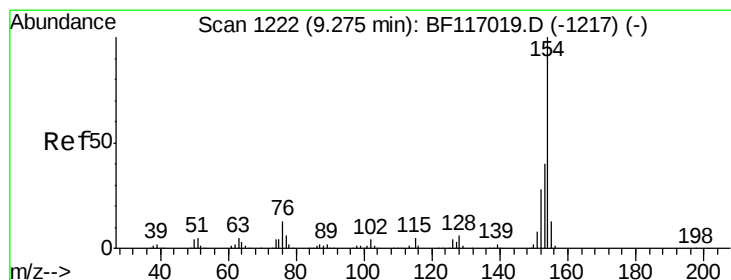
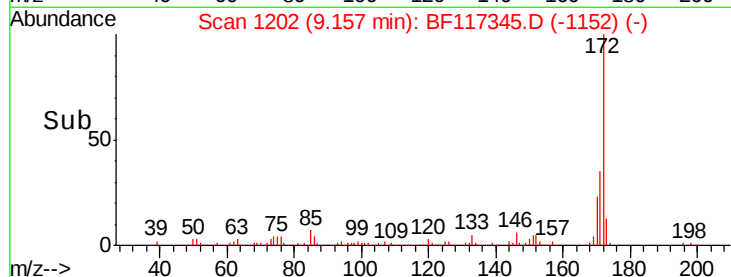
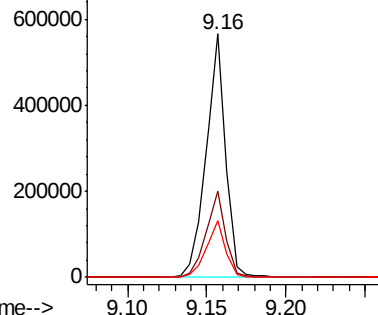


Abundance

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: 41.826 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

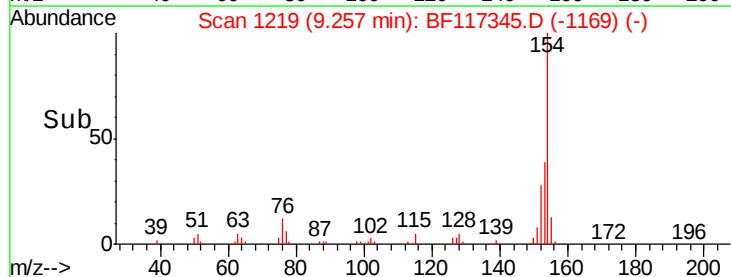
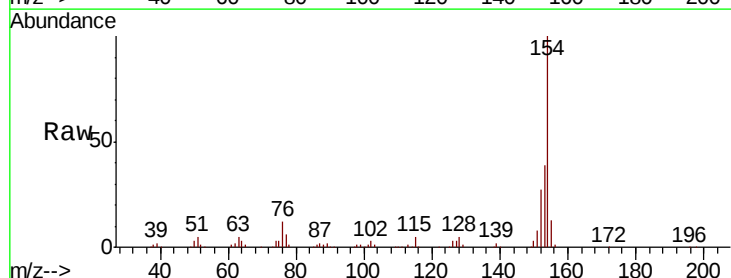
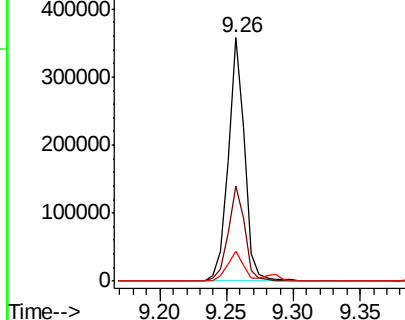
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	12.1	0.0	32.7

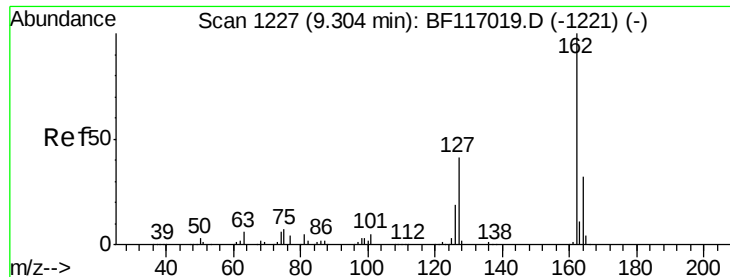
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





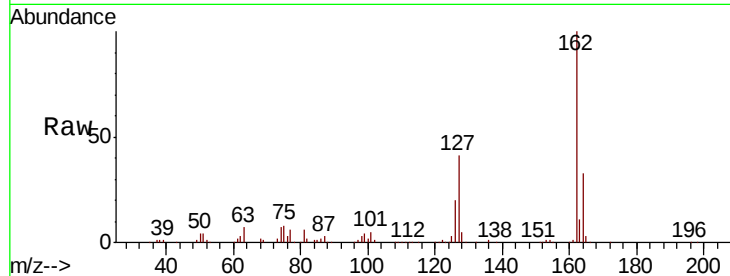
#47
2-Chloronaphthalene
Concen: 41.100 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

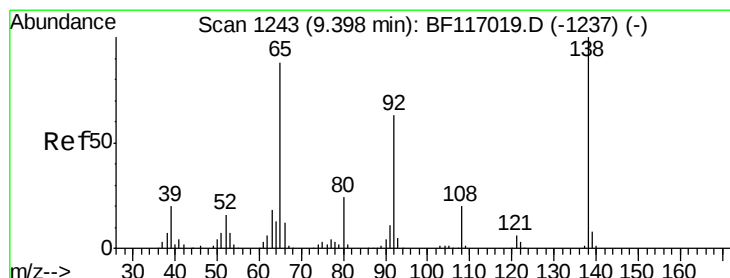
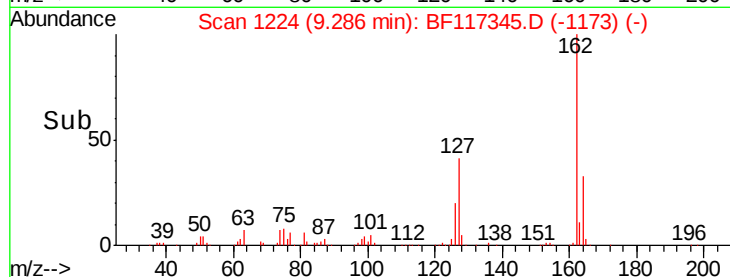
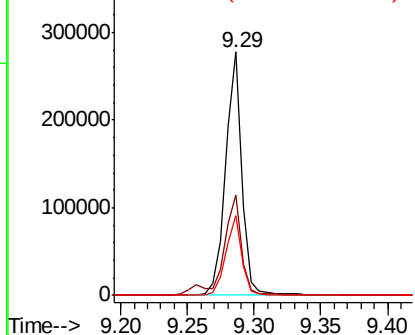
Tot Ion	Ratio	Resp	Lower	Upper
162	100	240767		
127	41.1		34.1	51.1
164	32.7		25.9	38.9

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

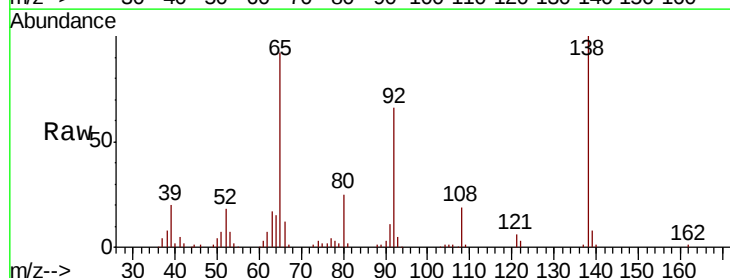


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

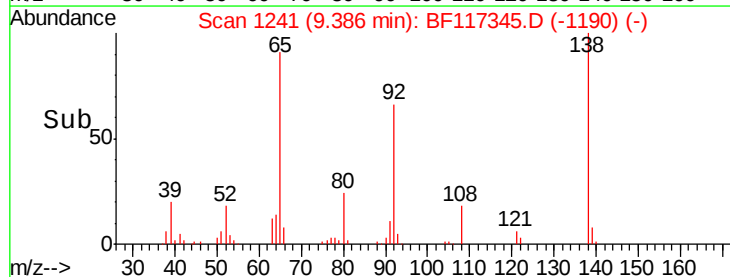
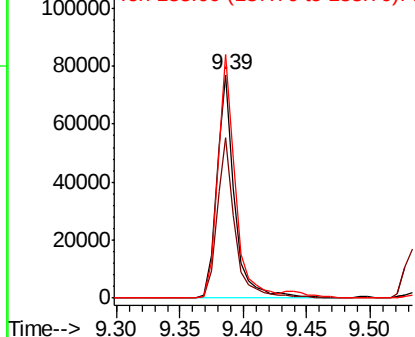


#48
2-Nitroaniline
Concen: 40.406 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	75922		
92	71.6		57.5	86.3
138	108.9		90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.749 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

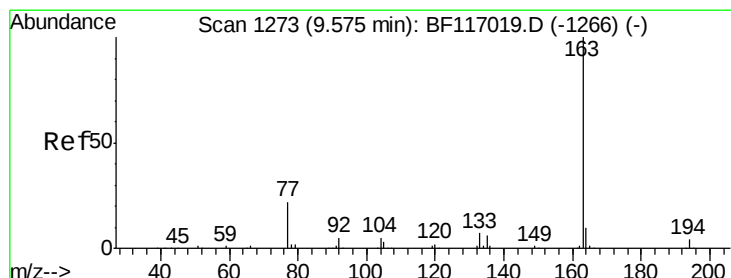
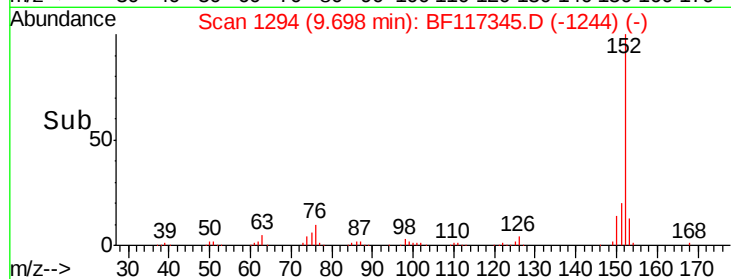
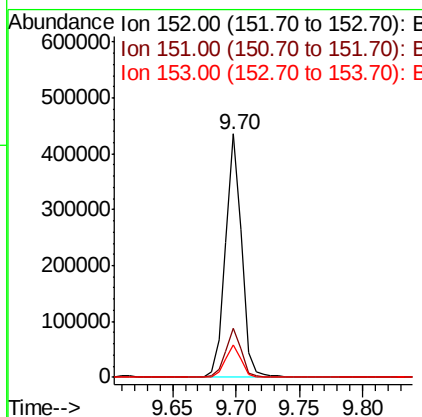
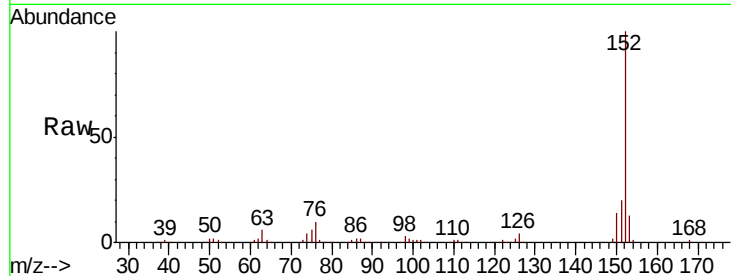
ClientSampleId :

TP-COMPMSD

Tot Ion:	152	Resp:	383929
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	13.1	10.2	15.4

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#50

Dimethylphthalate

Concen: 52.234 ng

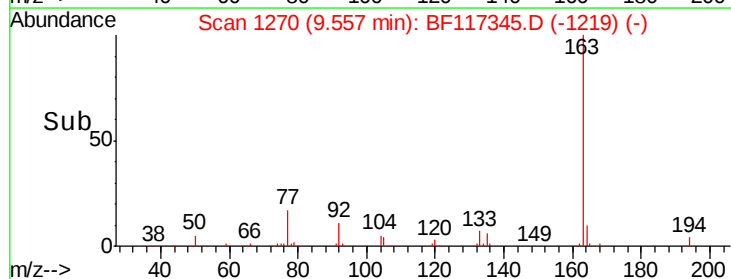
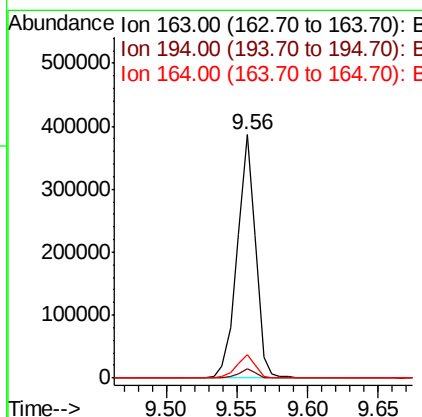
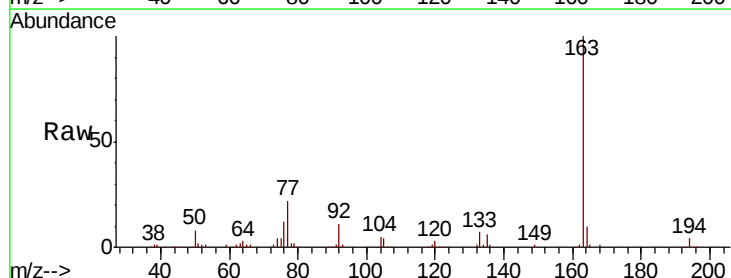
RT: 9.56 min Scan# 1270

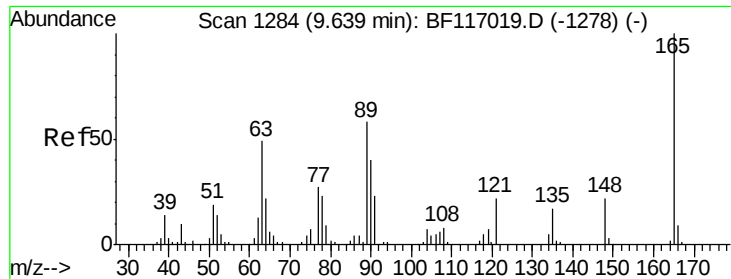
Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:	163	Resp:	349979
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	9.6	8.2	12.4





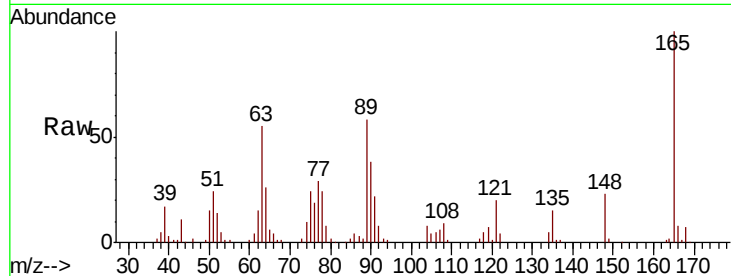
#51
2,6-Dinitrotoluene
Concen: 45.755 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.6	41.8	62.8
89	58.2	46.5	69.7

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

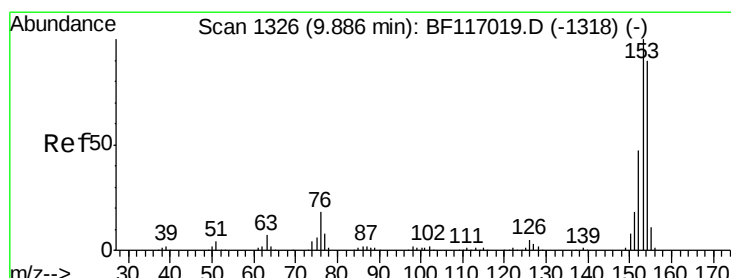
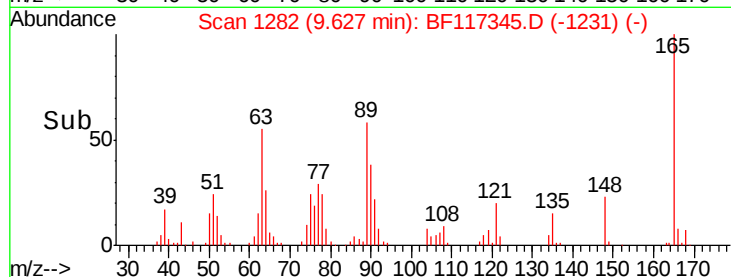
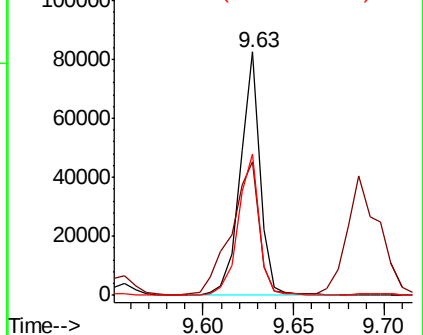


Abundance

Ion 165.00 (164.70 to 165.70): E

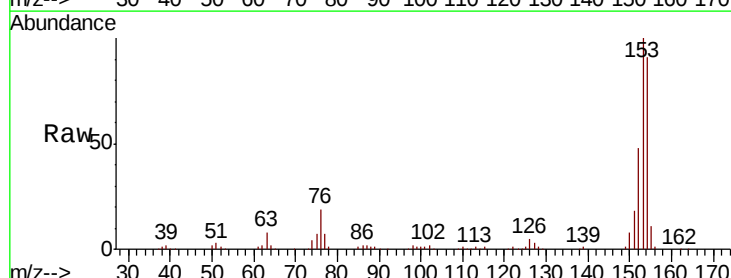
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 42.846 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	89.0	133.6
152	52.4	41.9	62.9

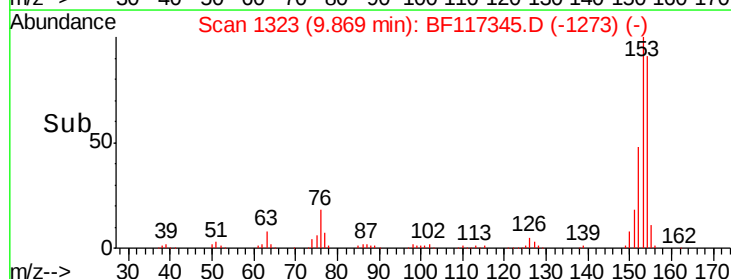
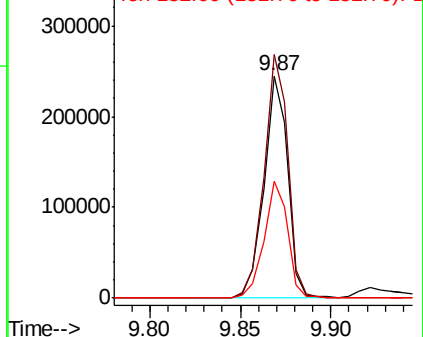


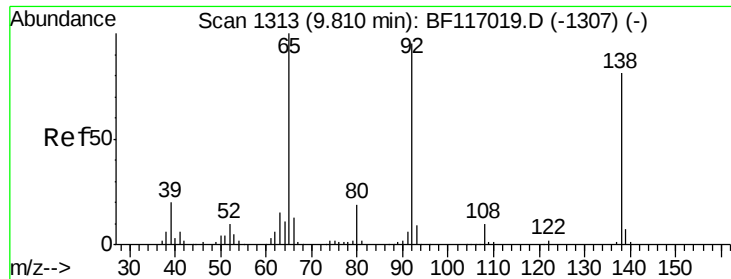
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





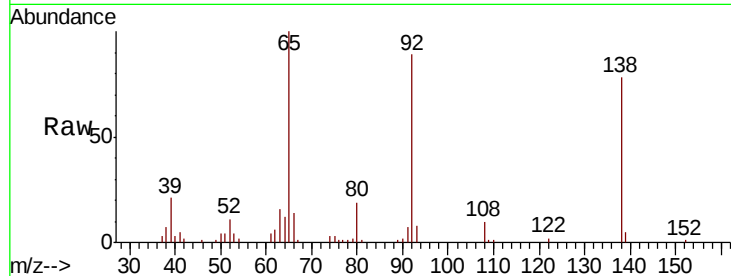
#53
3-Nitroaniline
Concen: 22.321 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.5	14.3
92	114.9	94.1	141.1

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

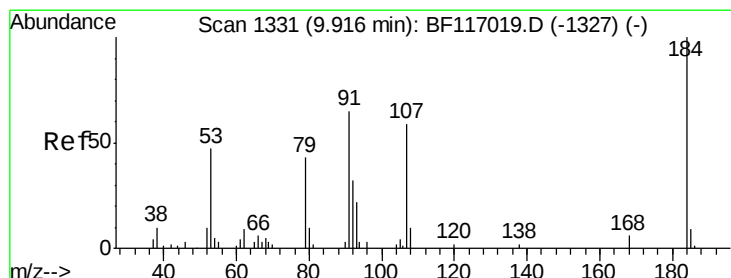
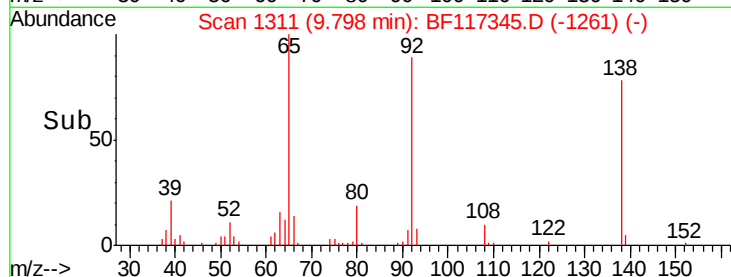
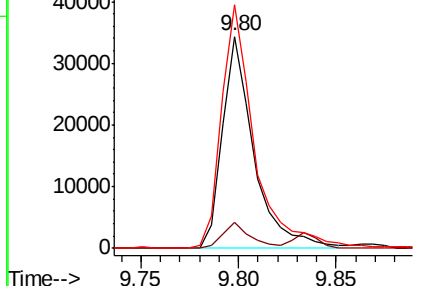


Abundance

Ion 138.00 (137.70 to 138.70): E

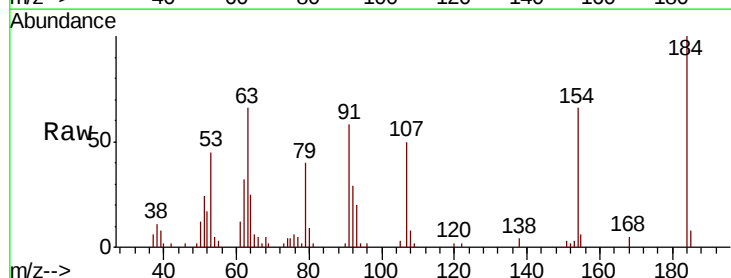
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 61.094 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	63.8	95.6
154	66.3	60.4	90.6

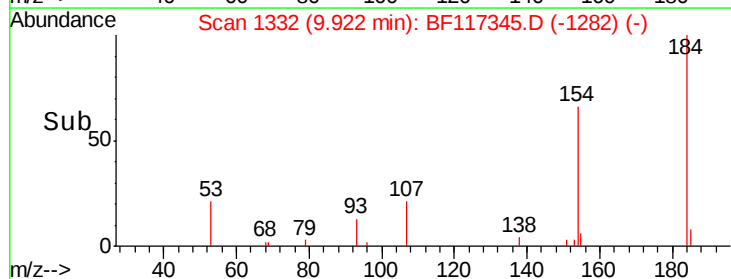
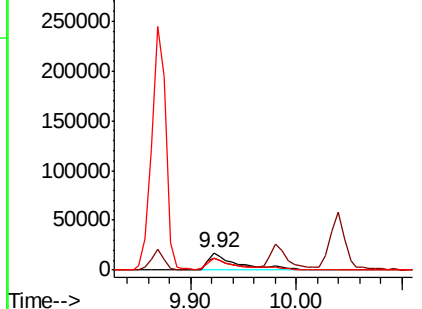


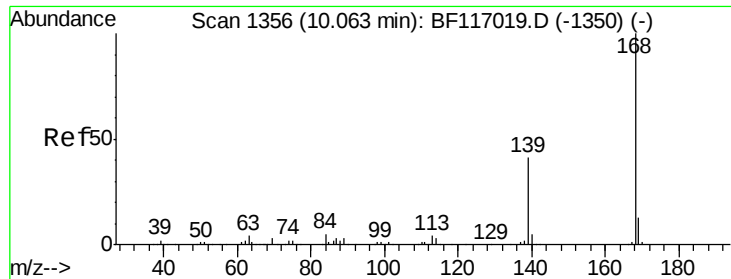
Abundance

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





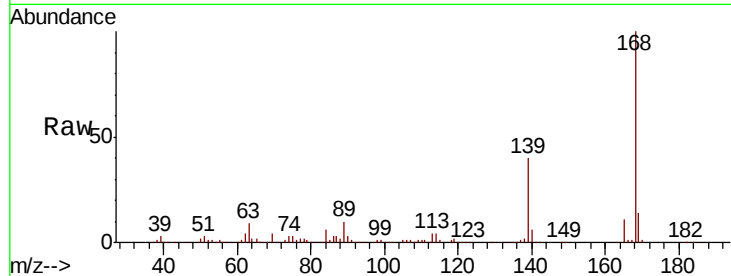
#55
Dibenzofuran
Concen: 43.493 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.8	49.2
169	13.6	10.5	15.7

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

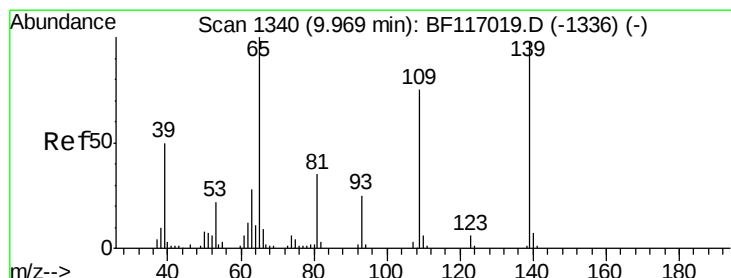
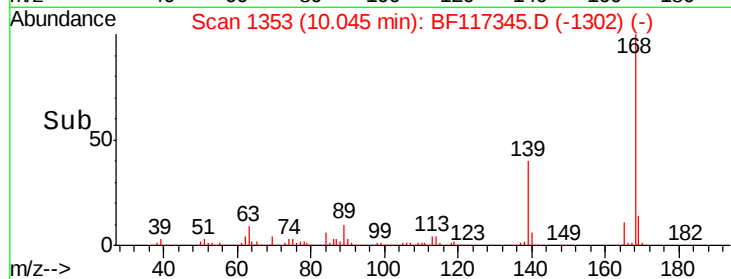
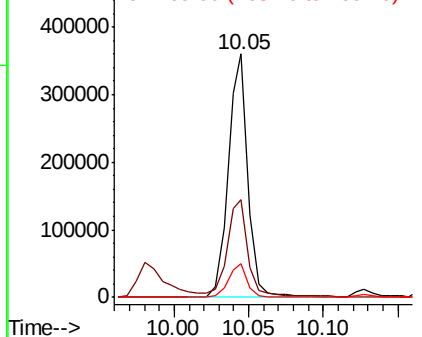


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 61.848 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

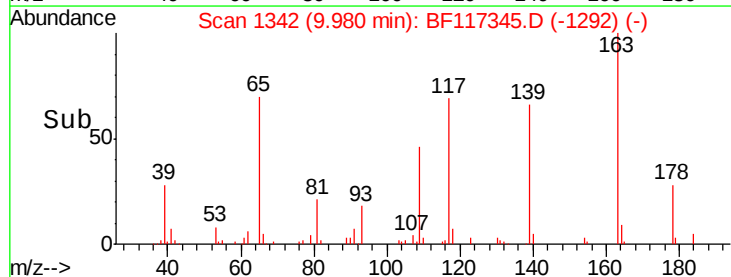
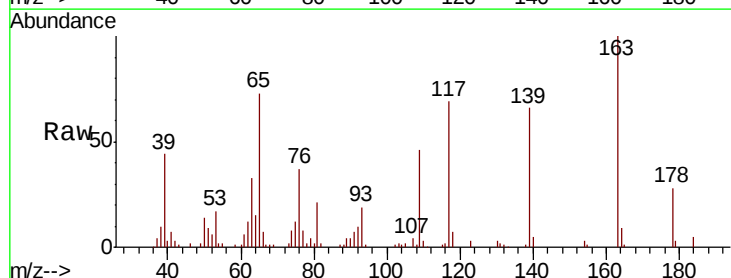
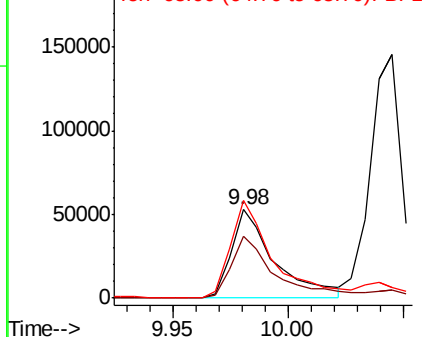
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	56.4	96.4
65	110.3	82.5	122.5

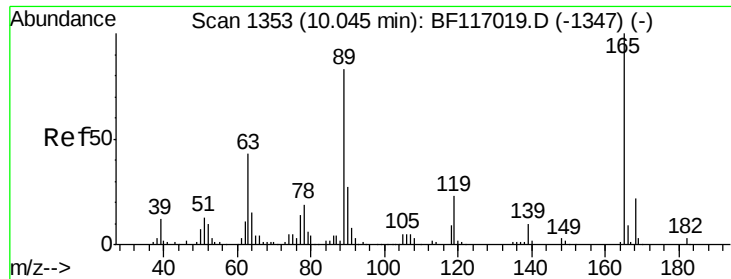
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





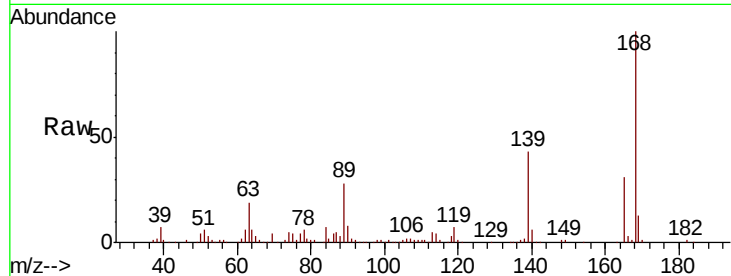
#57
2,4-Dinitrotoluene
Concen: 46.693 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

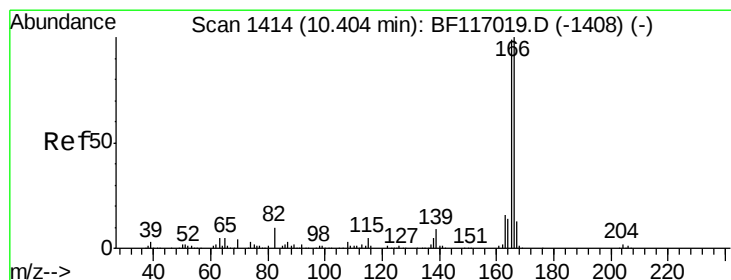
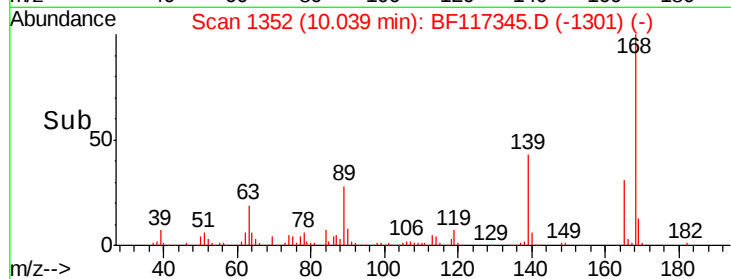
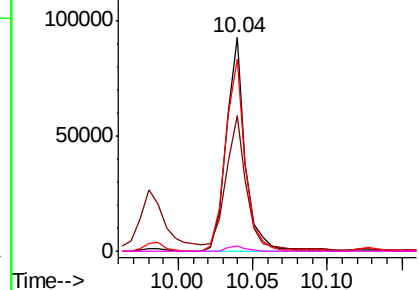
Tot Ion	Ratio	Resp	Lower	Upper
165	100	82710		
63	63.5	35.0	52.4	#
89	89.9	66.1	99.1	
182	2.5	2.0	3.0	

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

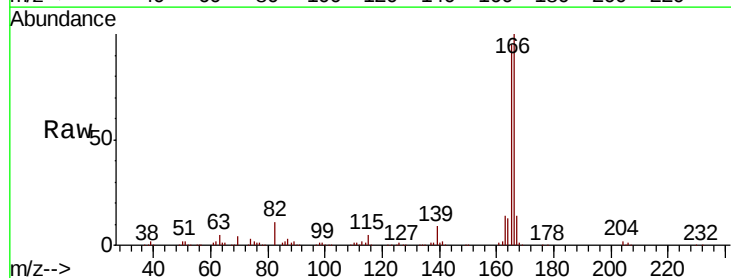


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

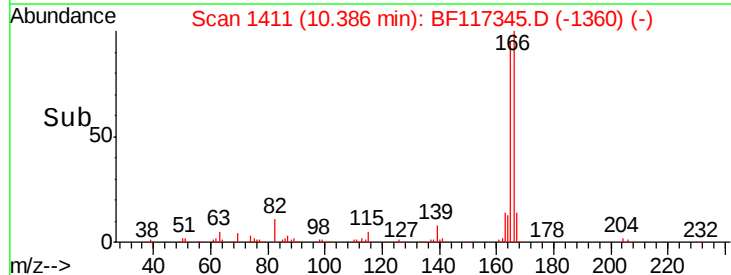
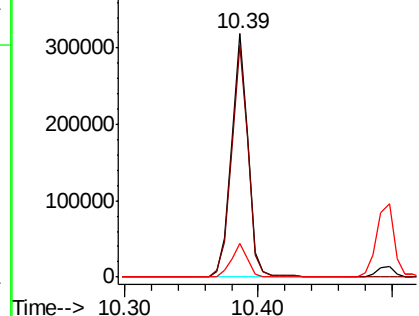


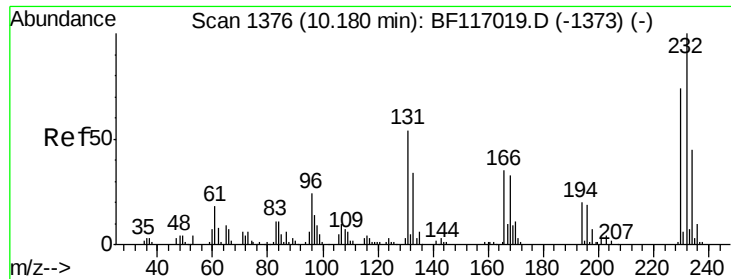
#58
Fluorene
Concen: 45.550 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	281627		
165	95.5	78.9	118.3	
167	13.6	10.6	15.8	



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.800 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

TP-COMPMSD

Tot Ion:232 Resp: 56673

Ion Ratio Lower Upper

232 100

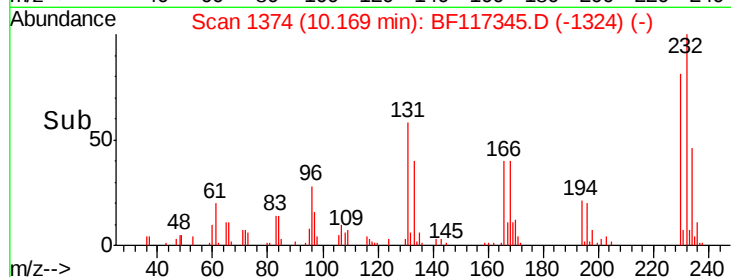
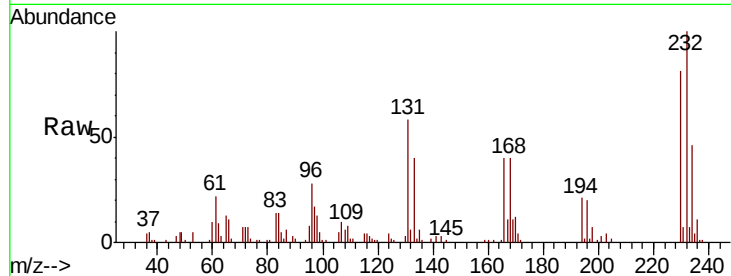
131 52.4 45.3 67.9

130 2.5 1.8 2.8

166 33.7 29.4 44.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

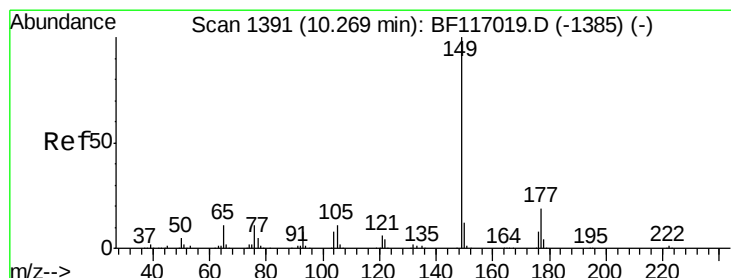
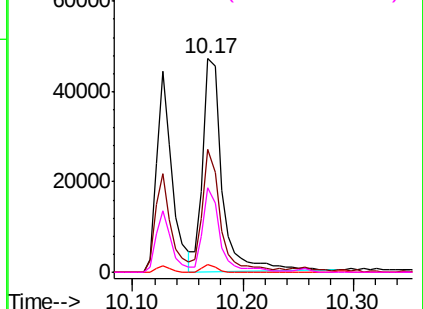


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.238 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

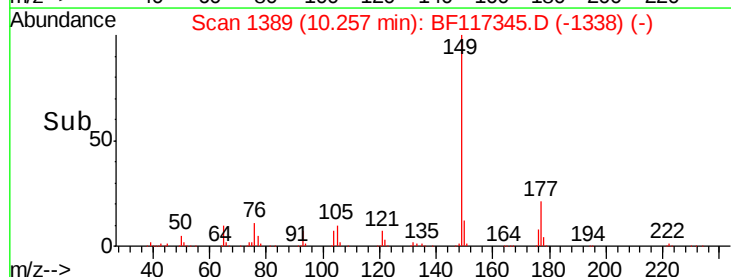
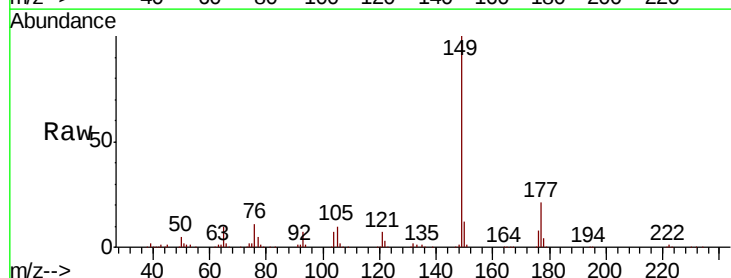
Tgt Ion:149 Resp: 291610

Ion Ratio Lower Upper

149 100

177 20.8 15.2 22.8

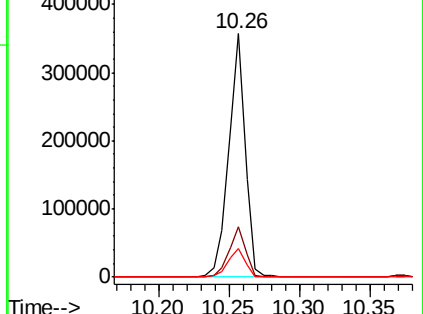
150 12.0 9.9 14.9

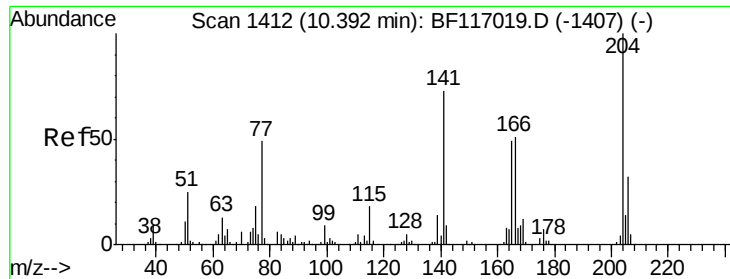


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





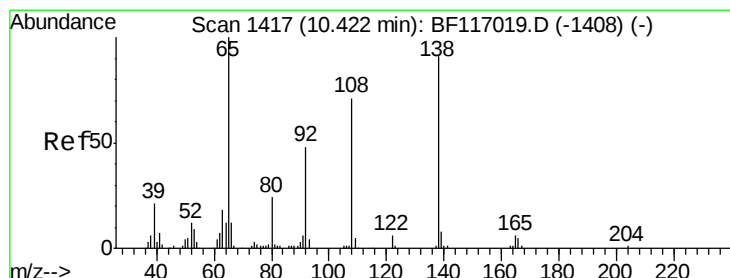
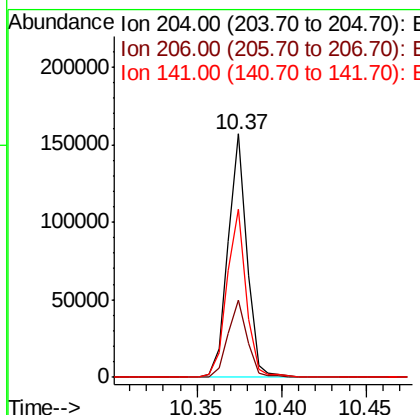
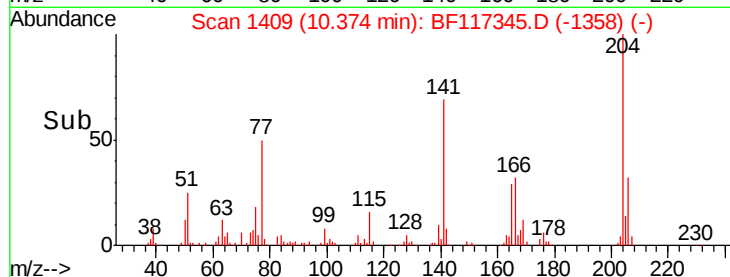
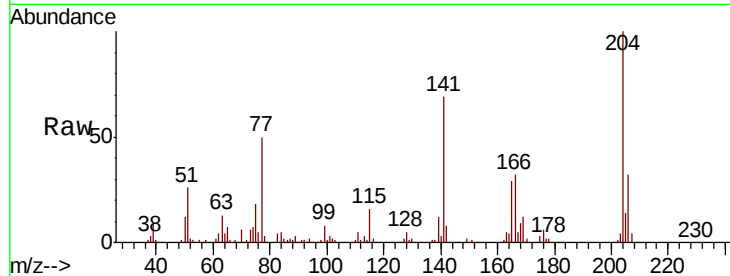
#61
4-Chlorophenyl-phenylether
Concen: 45.403 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.0	39.0
141	69.1	58.2	87.2

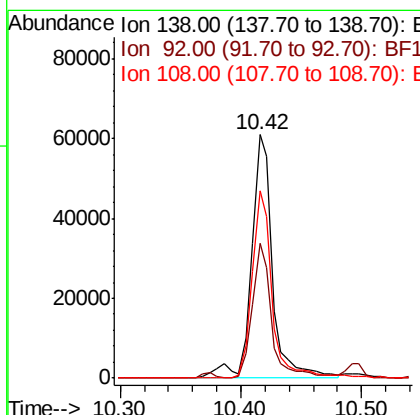
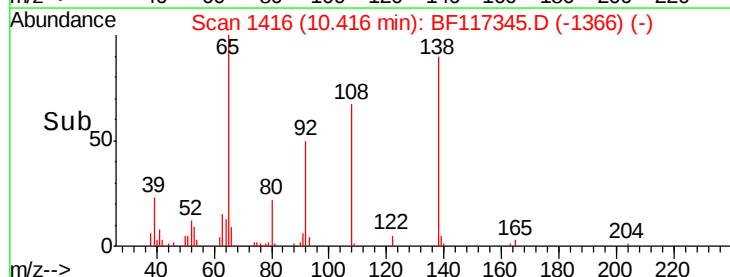
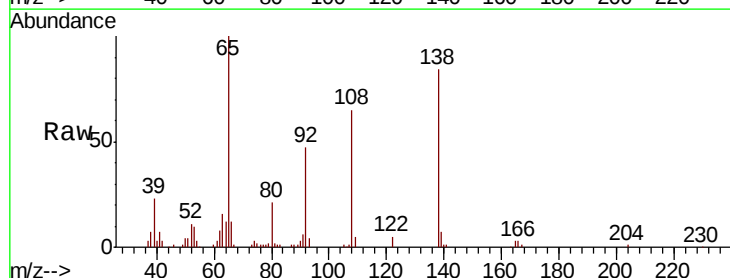
Manual Integrations
APPROVED

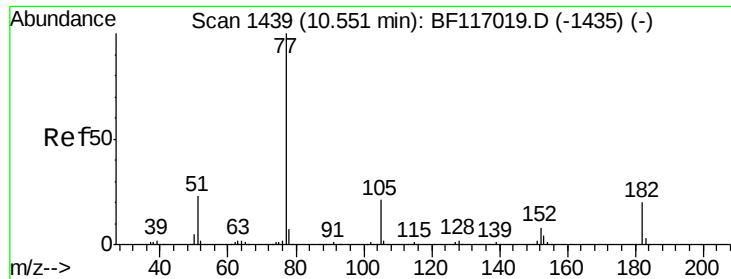
mohammad
10/11/2019 8:29:23 AM



#62
4-Nitroaniline
Concen: 41.563 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	32.9	72.9
108	76.8	58.3	98.3





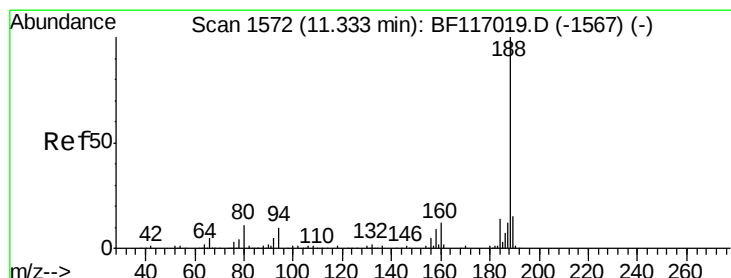
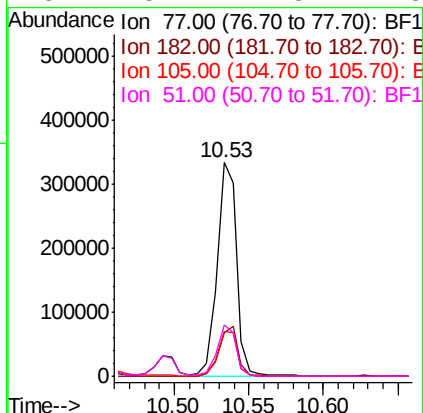
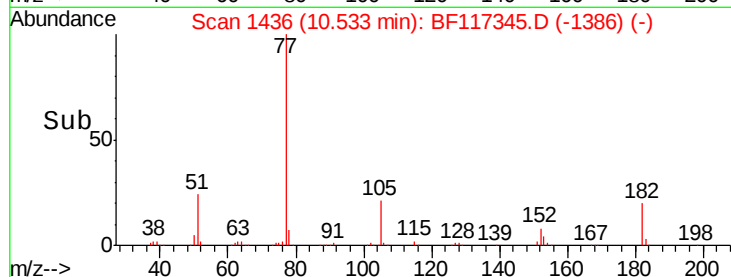
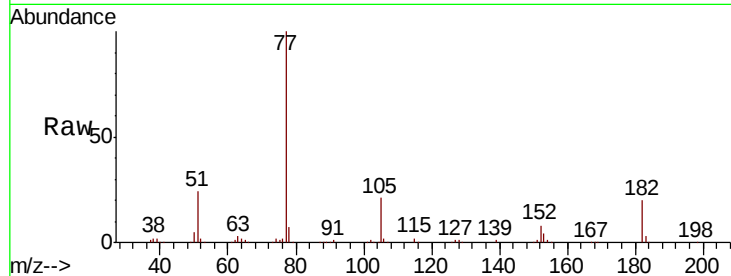
#63
Azobenzene
Concen: 44.817 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.4	0.4	40.4	
105	21.0	0.9	40.9	
51	23.7	2.8	42.8	

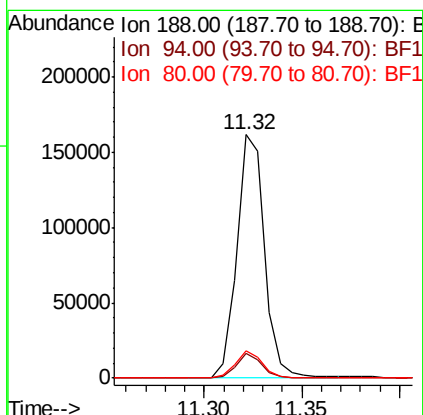
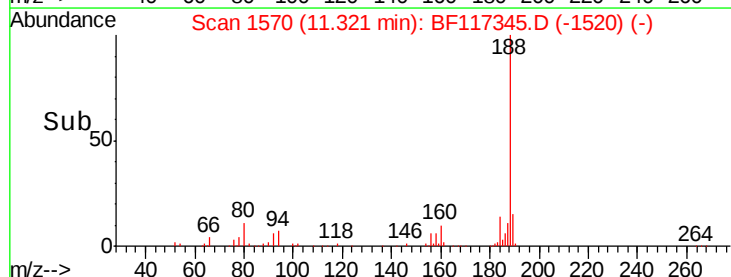
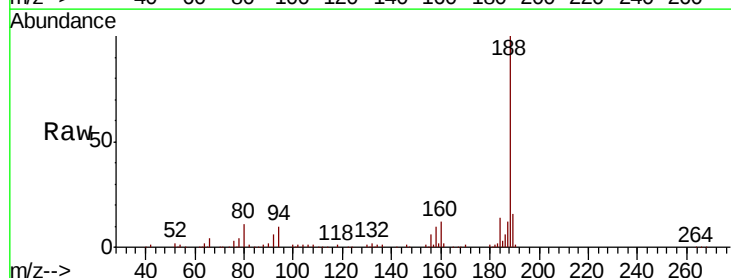
Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.2	12.2	
80	11.3	9.0	13.6	





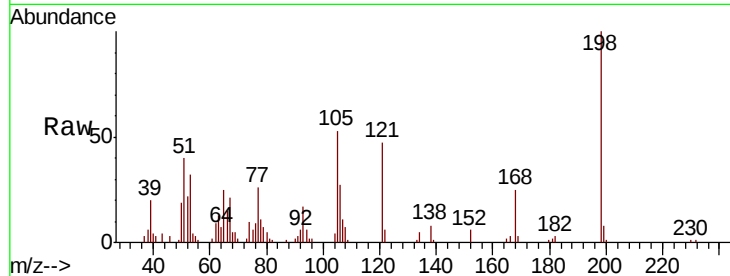
#65
4,6-Dinitro-2-methylphenol
Concen: 40.511 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	18.7	58.7
105	53.2	30.2	70.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

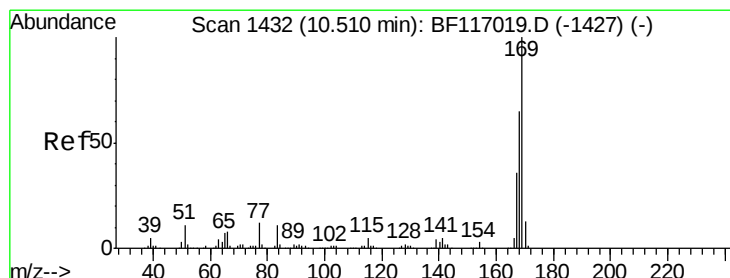
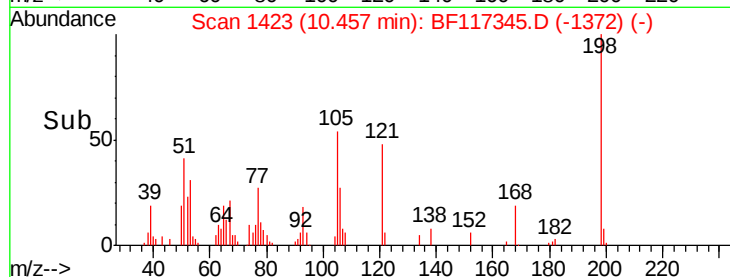
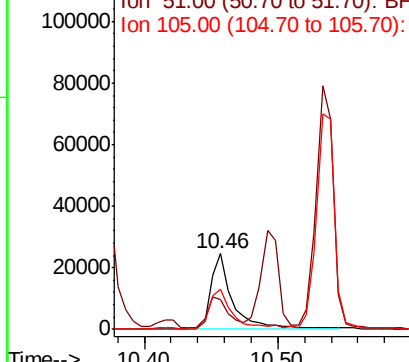


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 44.712 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

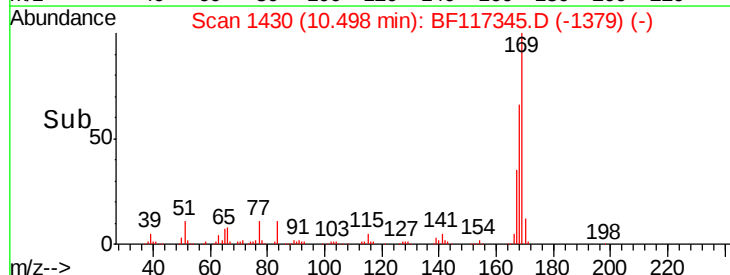
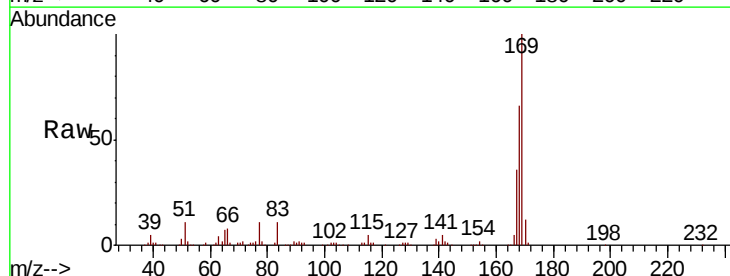
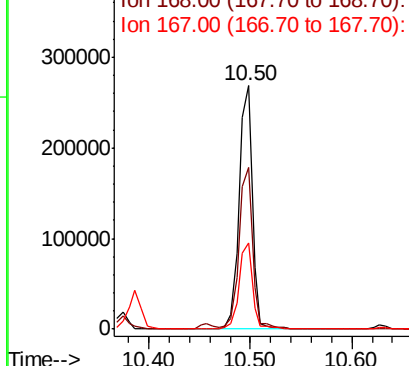
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.2	78.2
167	35.6	28.8	43.2

Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





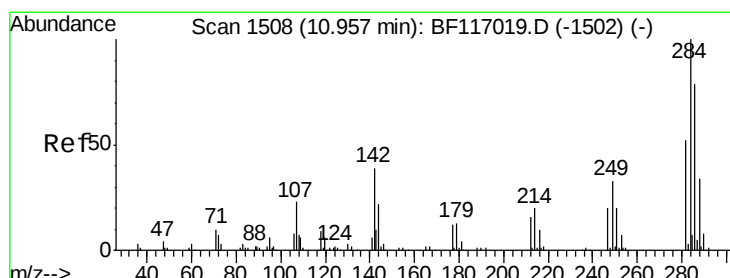
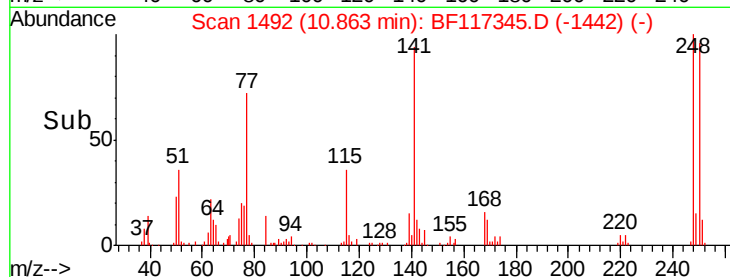
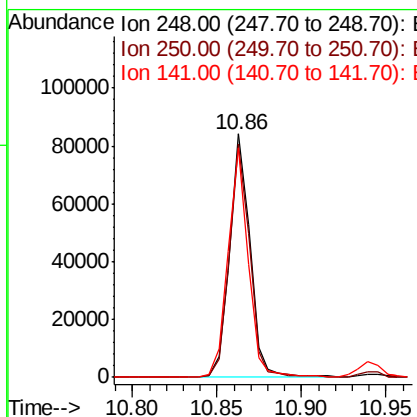
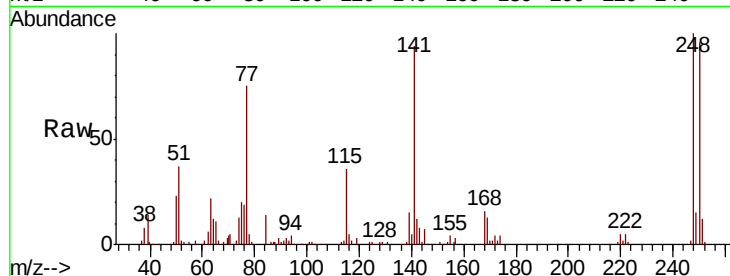
#67
 4-Bromophenyl-phenylether
 Concen: 43.235 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Tot Ion:	248	Resp:	70149
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.2	114.4
141	94.1	75.0	112.4

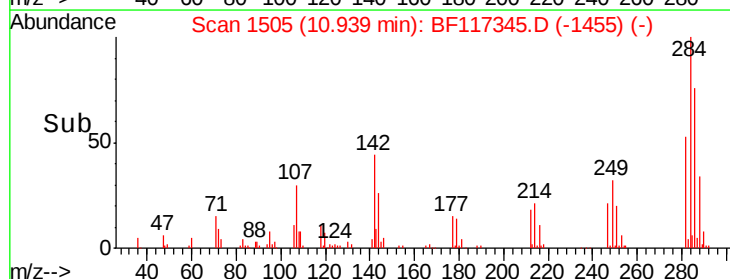
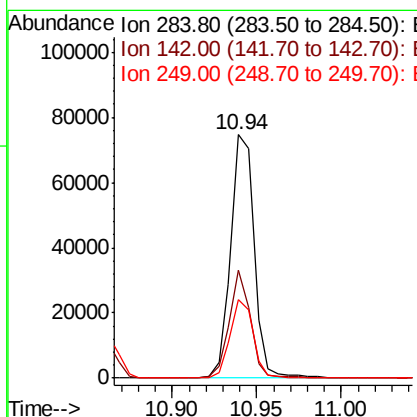
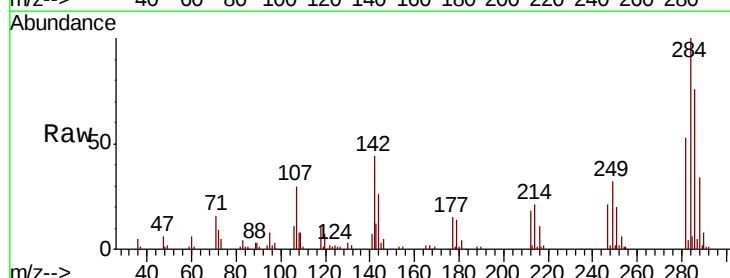
Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:23 AM



#68
 Hexachlorobenzene
 Concen: 40.627 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:	284	Resp:	72098
Ion Ratio	Lower	Upper	
284	100		
142	44.2	31.4	47.2
249	32.5	26.5	39.7





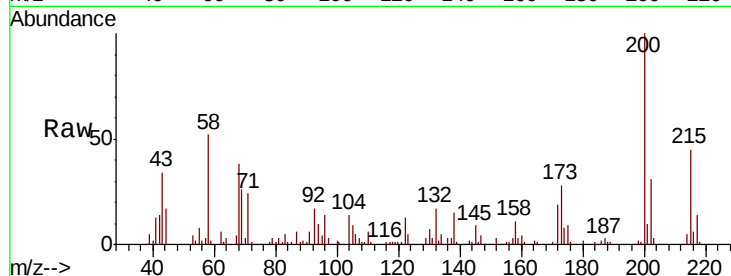
#69
Atrazine
Concen: 52.696 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.9	46.9
215	45.1	23.8	63.8

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

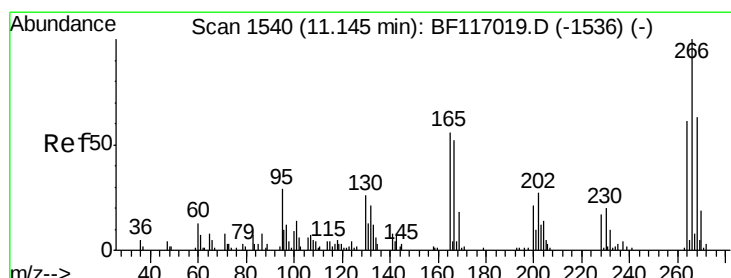
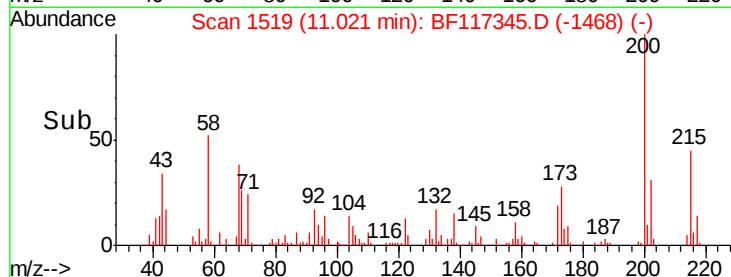
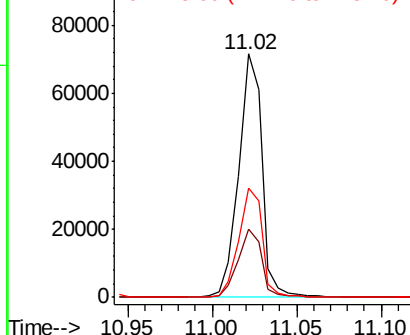


Abundance

Ion 200.00 (199.70 to 200.70): E

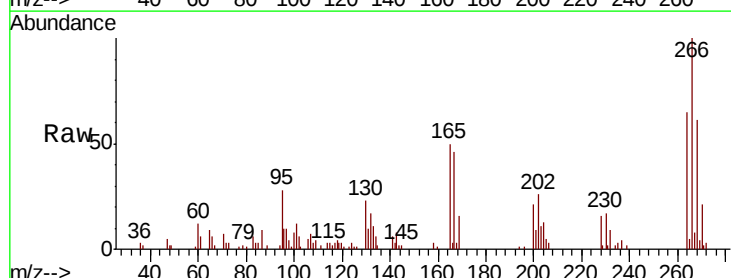
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 60.644 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.5	75.7
264	65.3	48.8	73.2

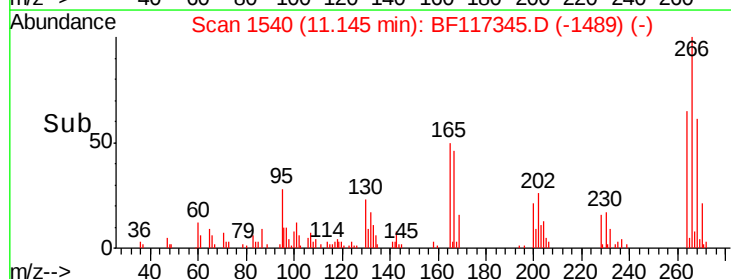
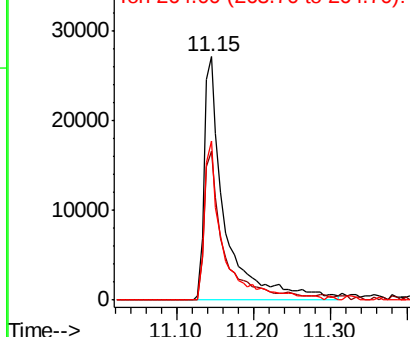


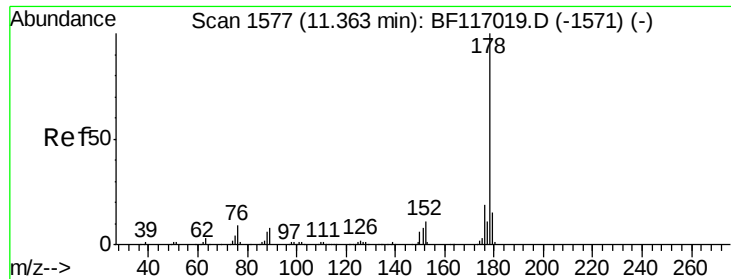
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





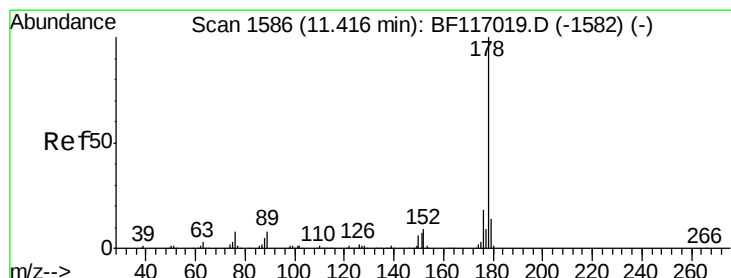
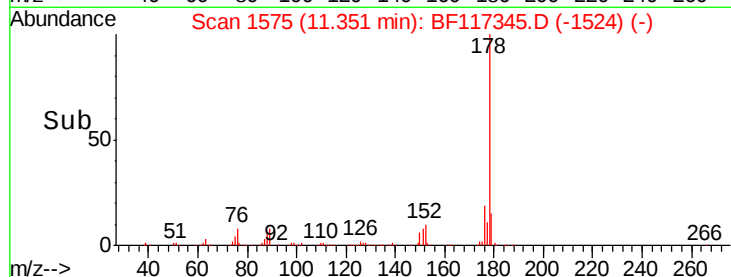
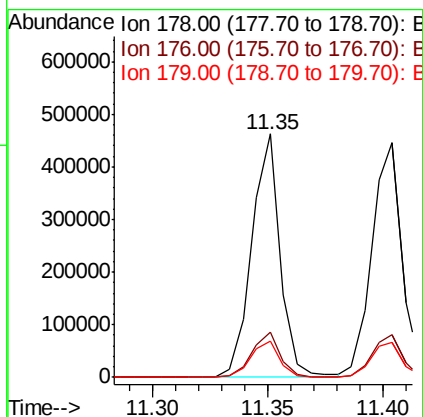
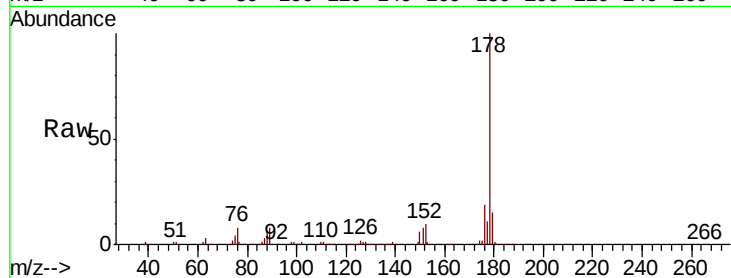
#71
Phenanthrene
Concen: 44.285 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.9	12.4	18.6

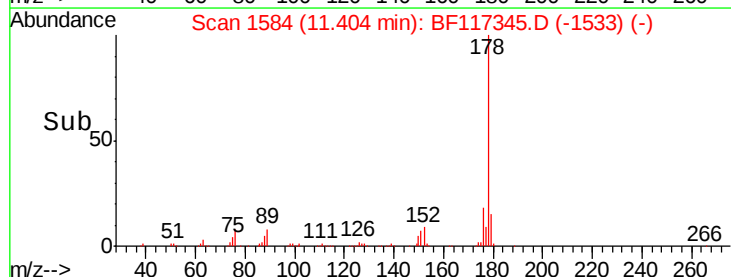
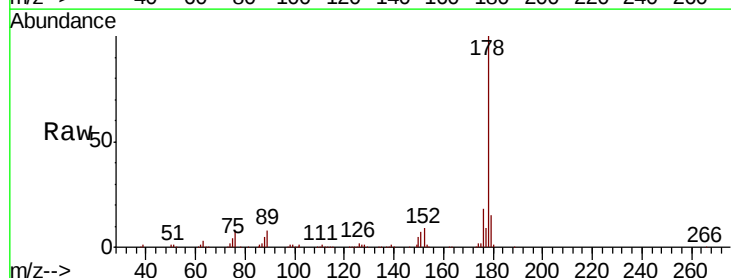
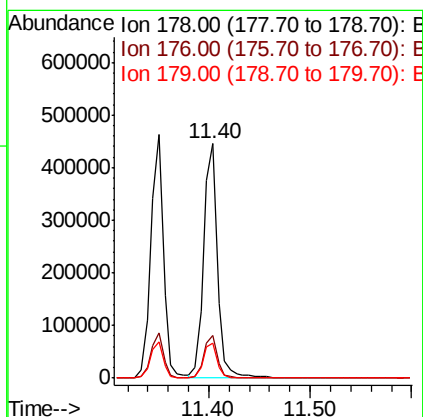
Manual Integrations
APPROVED

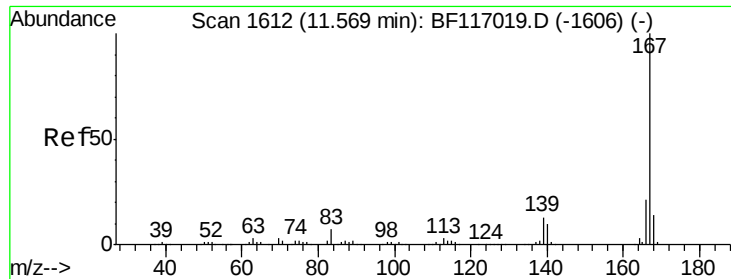
mohammad
10/11/2019 8:29:23 AM



#72
Anthracene
Concen: 45.710 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.0	11.6	17.4





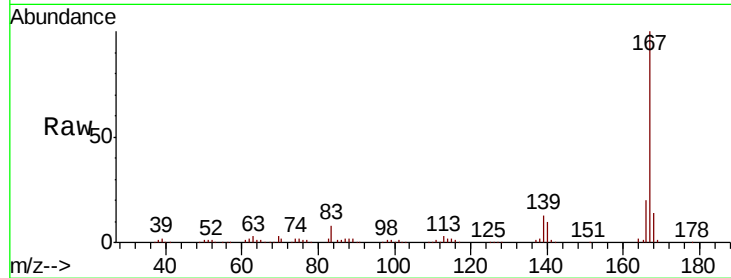
#73
 Carbazole
 Concen: 44.897 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	392622		
166	19.9		17.2	25.8
139	13.1		10.6	16.0

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:29:23 AM

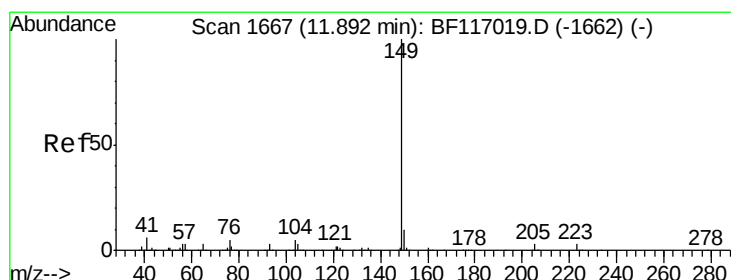
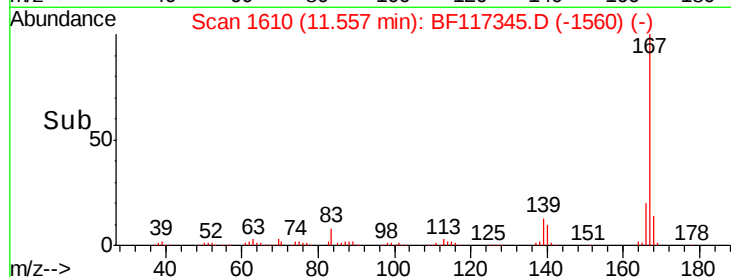
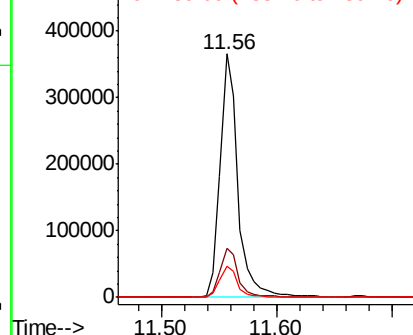


Abundance

Ion 167.00 (166.70 to 167.70): E

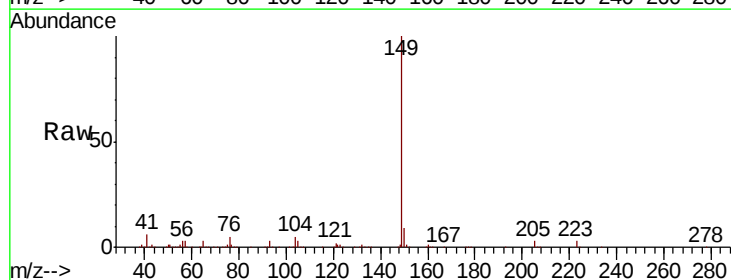
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.988 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	499297		
150	9.0		7.7	11.5
104	4.9		4.2	6.4

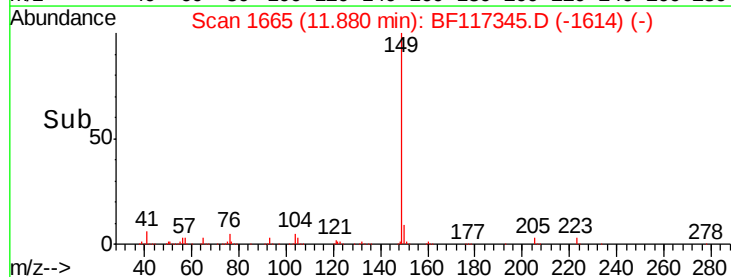
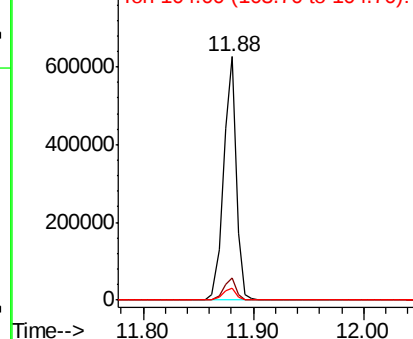


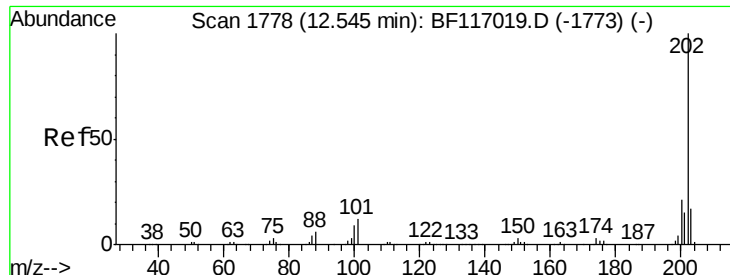
Abundance

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





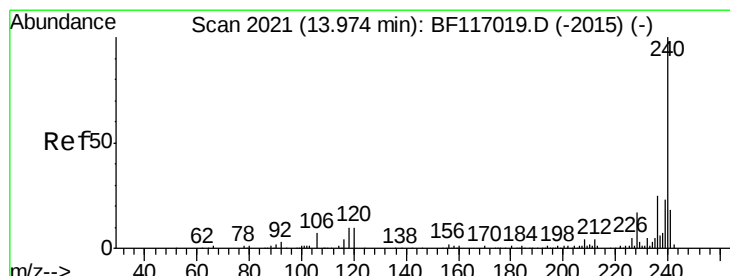
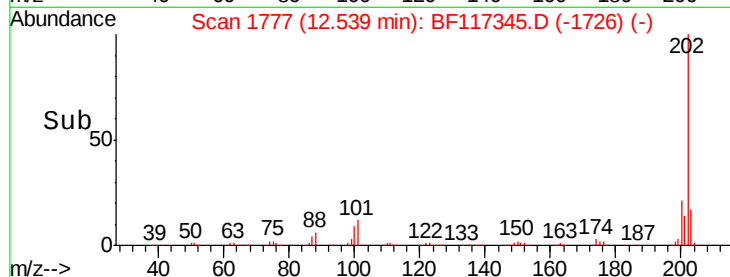
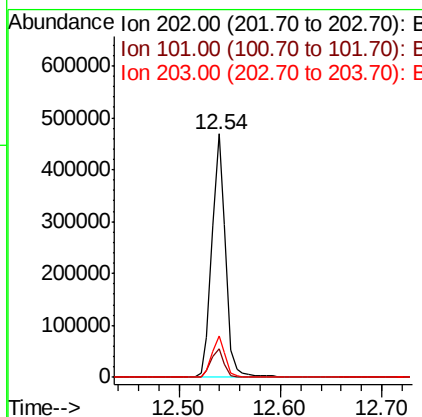
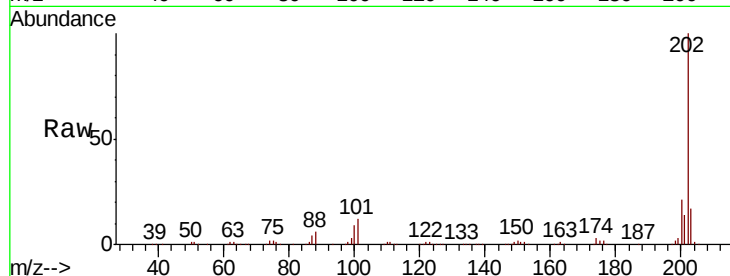
#75
Fluoranthene
 Concen: 47.436 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	32.3
203	17.2	0.0	37.1

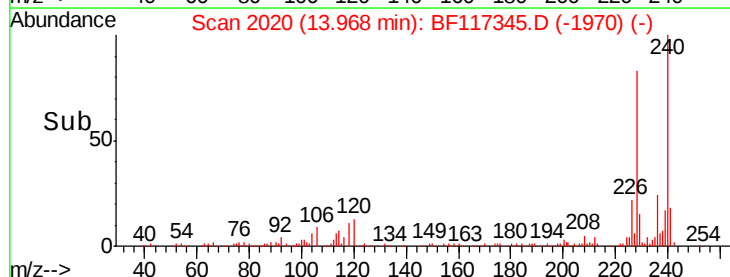
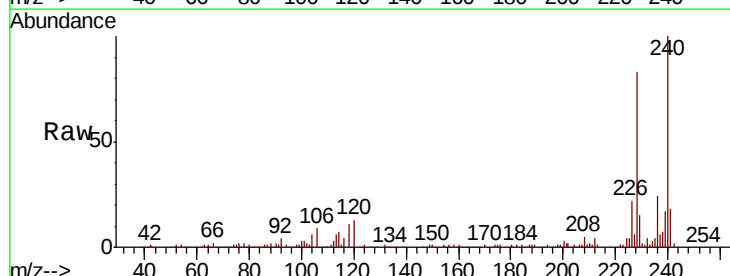
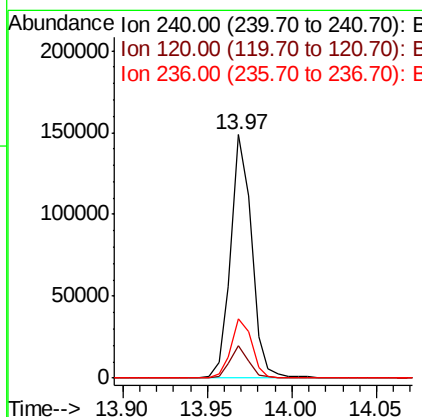
Manual Integrations
 APPROVED

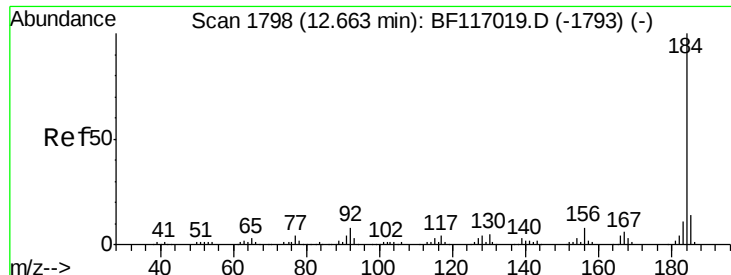
mohammad
 10/11/2019 8:29:23 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	24.3	20.3	30.5





#77

Benzidine

Concen: 52.126 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

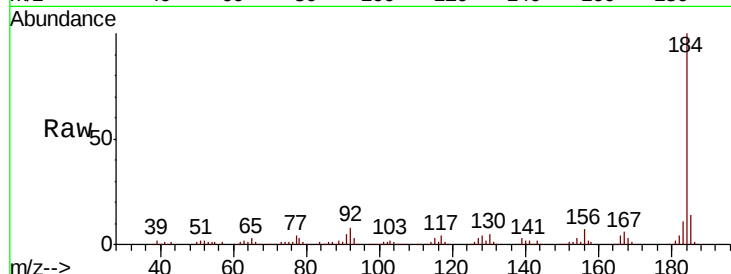
ClientSampleId :

TP-COMPMSD

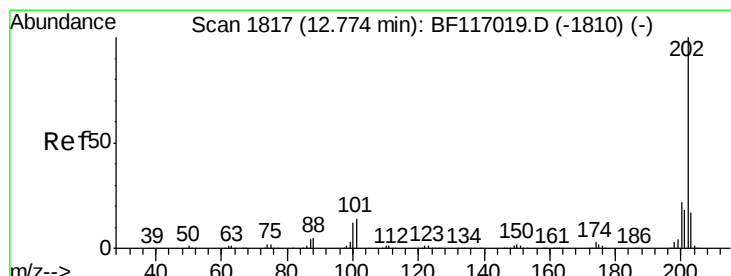
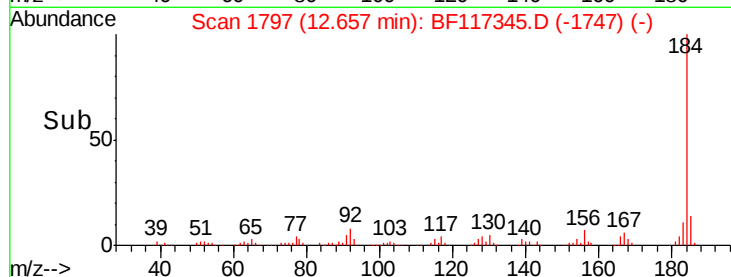
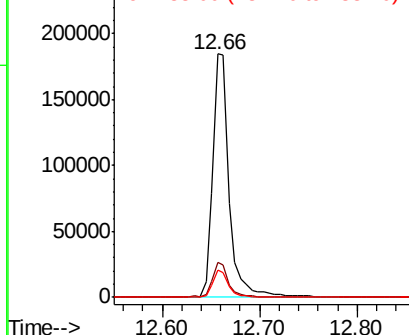
Tot Ion:	184	Resp:	215777
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.6	17.4
183	11.3	9.0	13.4

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



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



#78

Pyrene

Concen: 40.948 ng

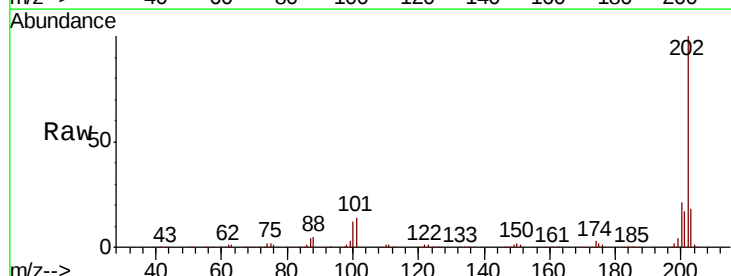
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

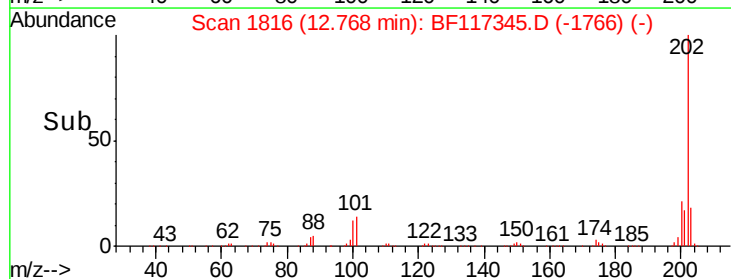
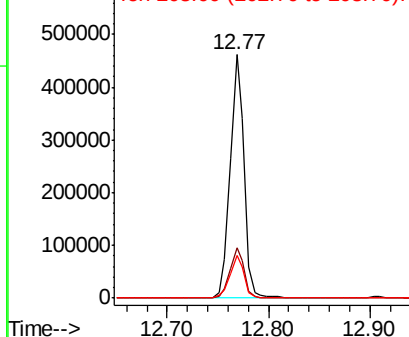
Lab File: BF117345.D

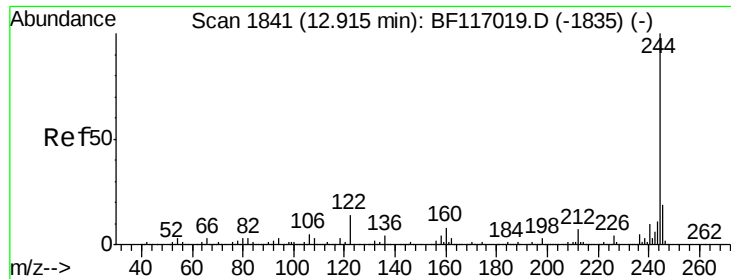
Acq: 8 Oct 2019 17:24

Tgt Ion:	202	Resp:	441524
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.2	25.8
203	17.6	14.0	21.0



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





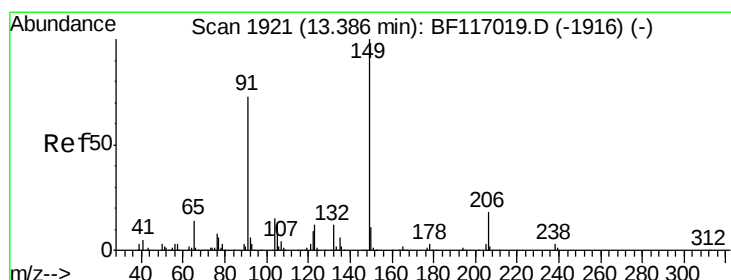
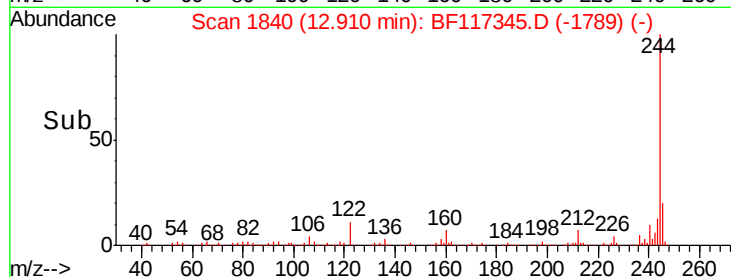
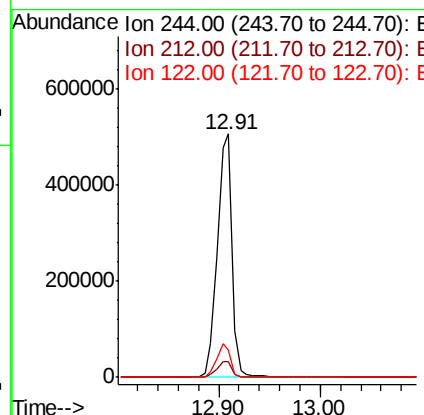
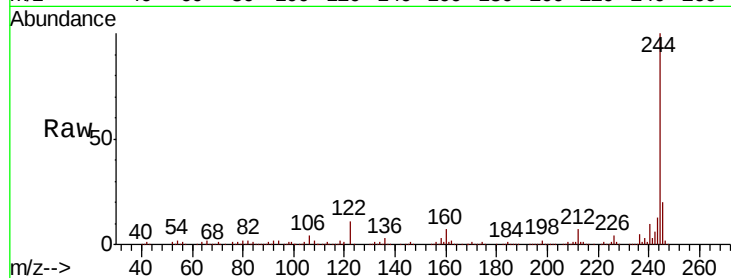
#79
 Terphenyl-d14
 Concen: 74.334 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.8	8.8	
122	11.2	11.3	16.9	

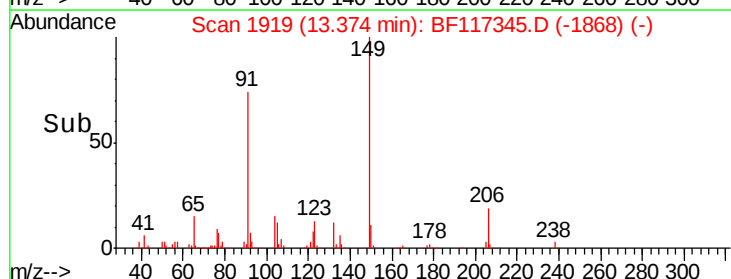
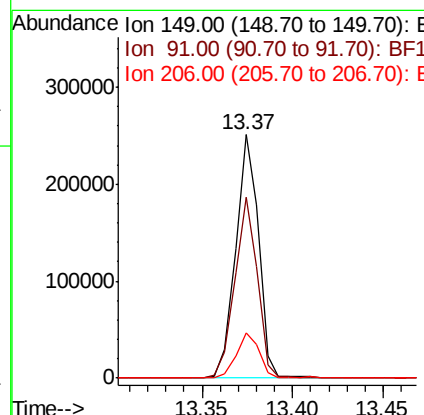
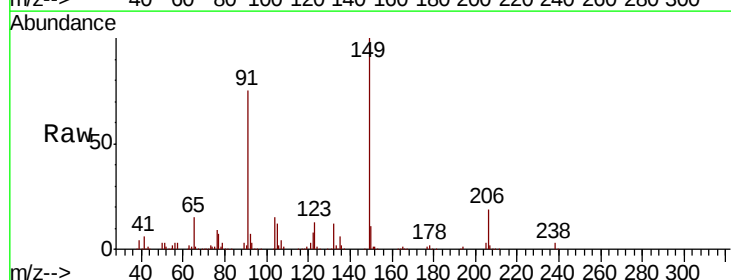
Manual Integrations
 APPROVED

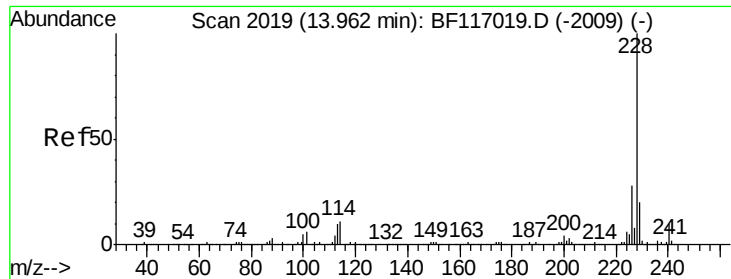
mohammad
 10/11/2019 8:29:23 AM



#80
 Butylbenzylphthalate
 Concen: 43.415 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.6	58.8	88.2	
206	18.8	14.1	21.1	





#81

Benzo(a)anthracene

Concen: 42.478 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

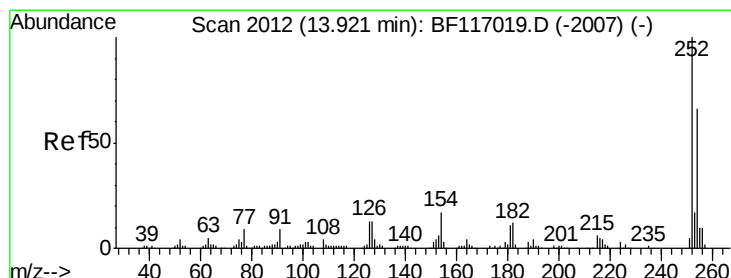
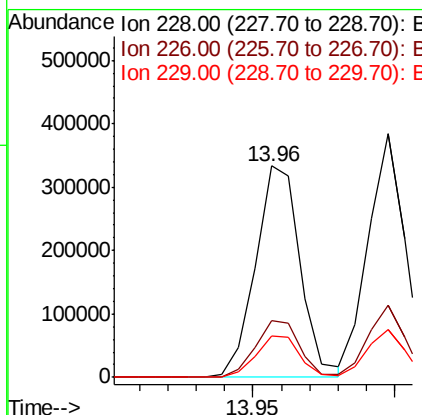
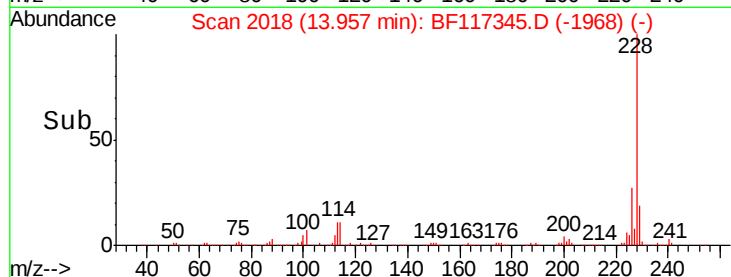
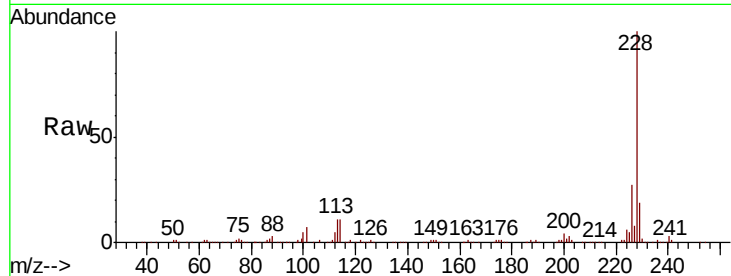
ClientSampleId :

TP-COMPMSD

Tot Ion:	228	Resp:	364704
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.3	33.5
229	19.3	15.9	23.9

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#82

3,3'-Dichlorobenzidine

Concen: 19.804 ng

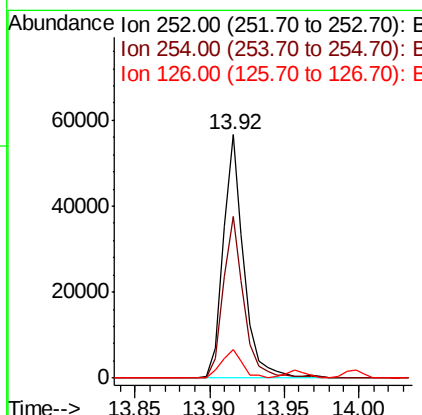
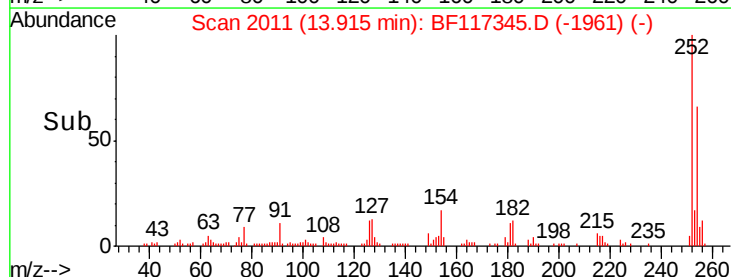
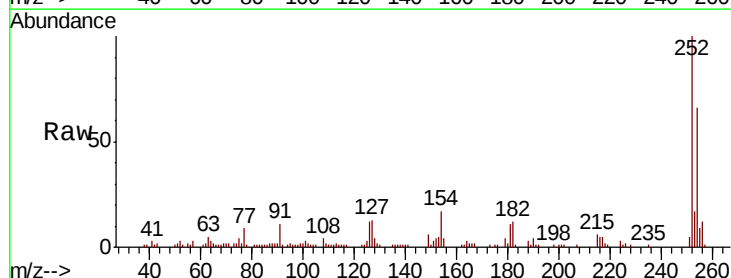
RT: 13.92 min Scan# 2011

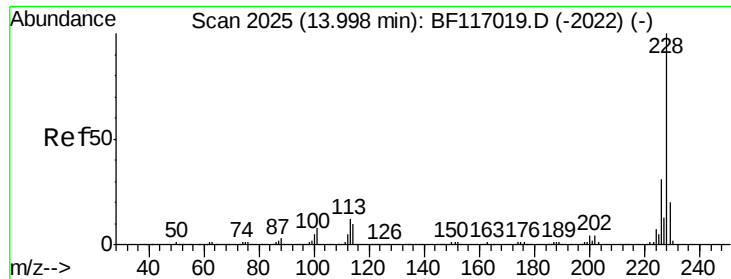
Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:	252	Resp:	54791
Ion Ratio	Lower	Upper	
252	100		
254	66.3	52.6	79.0
126	11.5	10.4	15.6





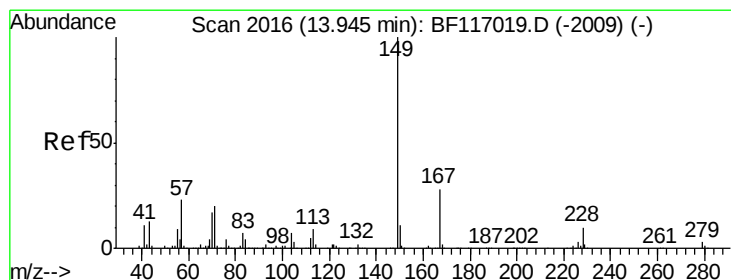
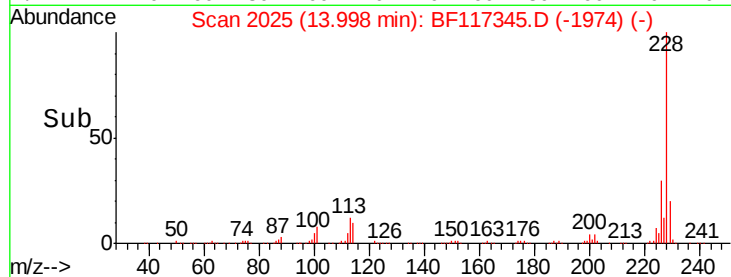
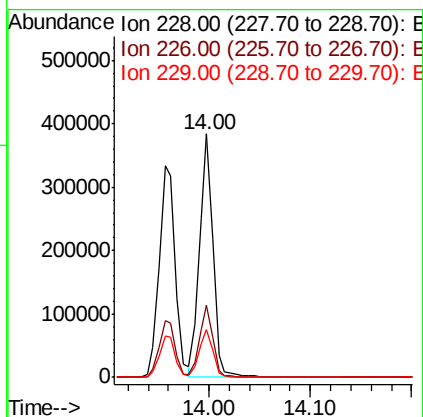
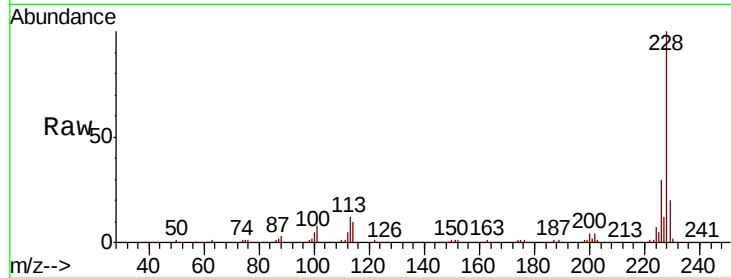
#83
Chrysene
Concen: 42.573 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	19.6	15.8	23.8

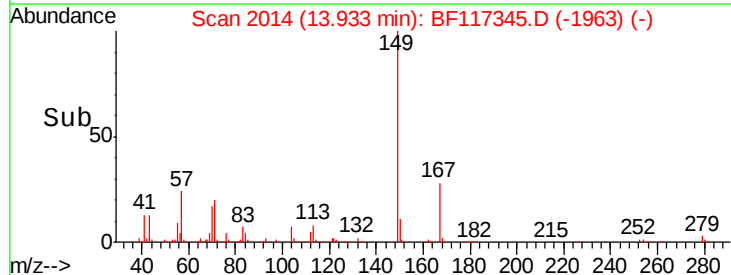
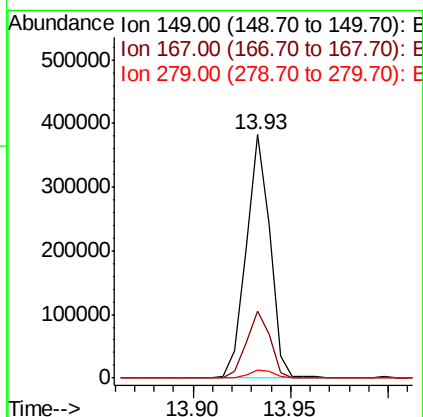
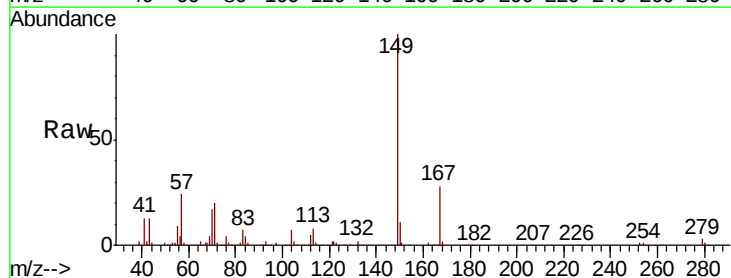
Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.133 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	3.3	2.8	4.2





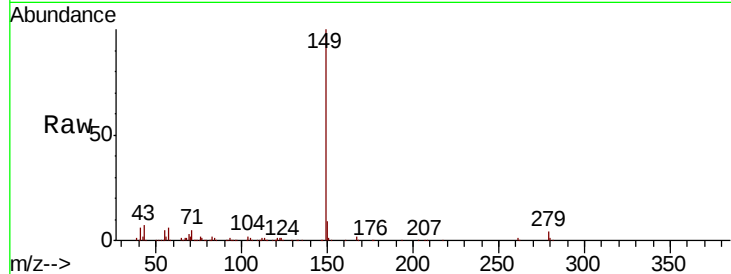
#85
Di-n-octyl phthalate
Concen: 51.722 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

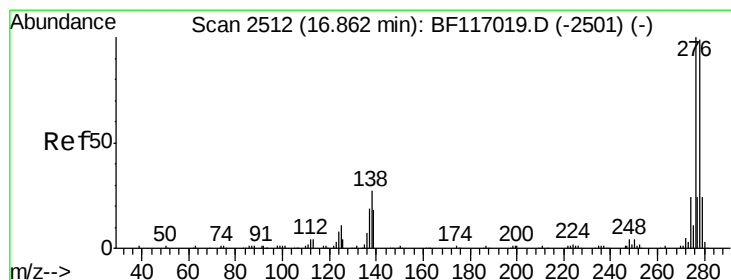
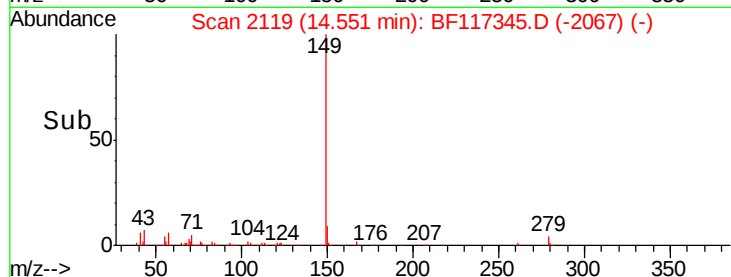
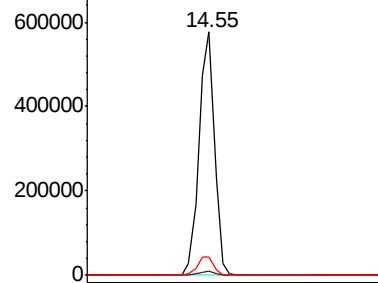
Tot Ion	Ratio	Resp	Lower	Upper
149	100	534785		
167	1.5		1.2	1.8
43	7.8		6.2	9.4

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM

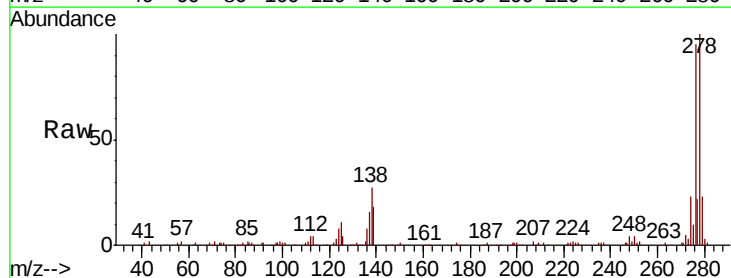


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

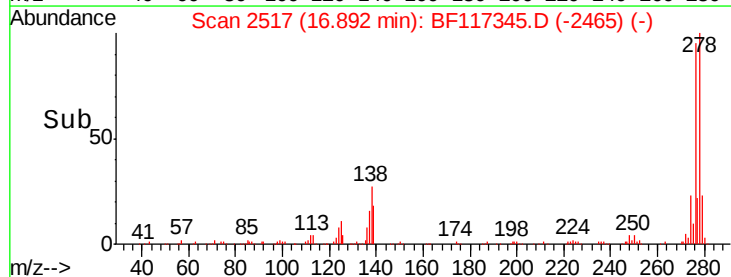
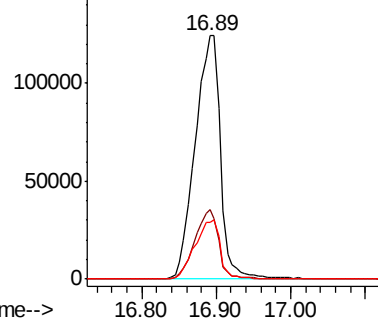


#86
Indeno(1,2,3-cd)pyrene
Concen: 48.251 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	294775		
138	26.9		20.7	31.1
277	24.3		19.8	29.8



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





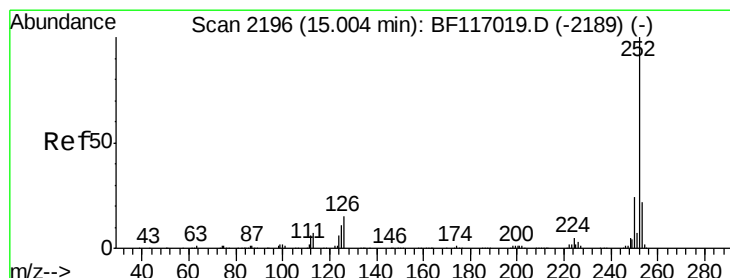
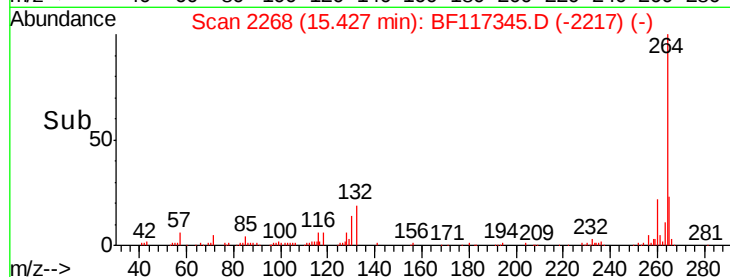
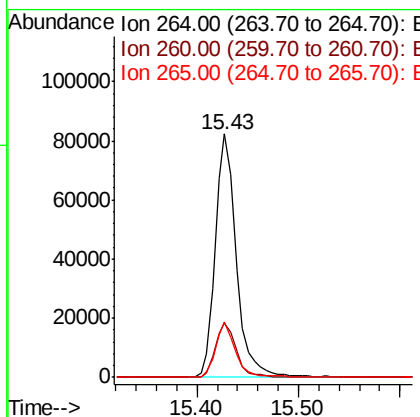
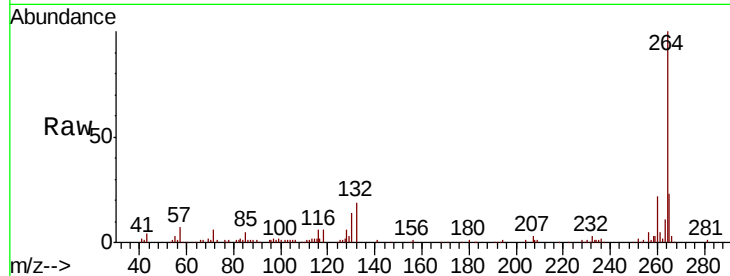
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.6	26.4
265	22.8	16.6	24.8

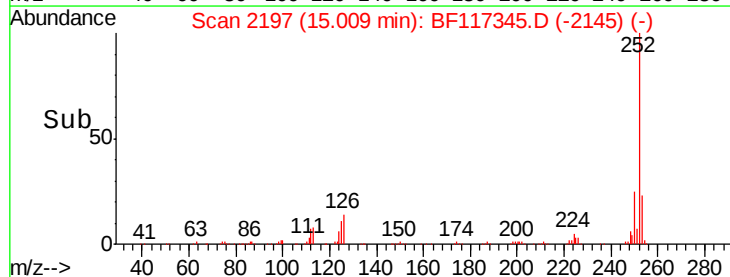
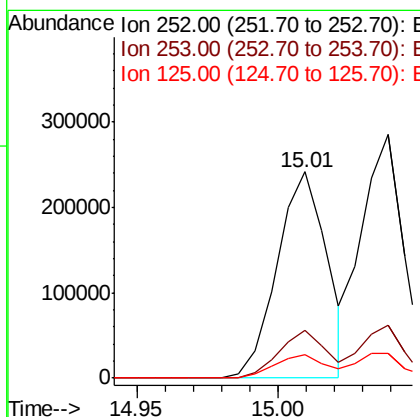
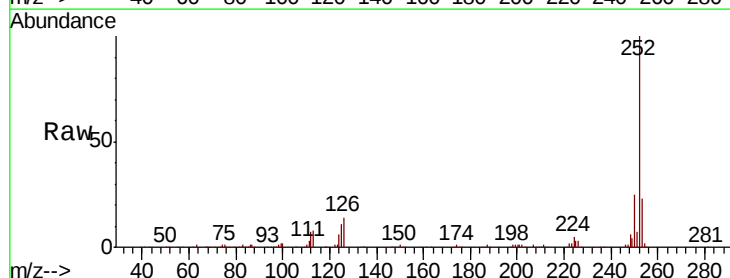
Manual Integrations
APPROVED

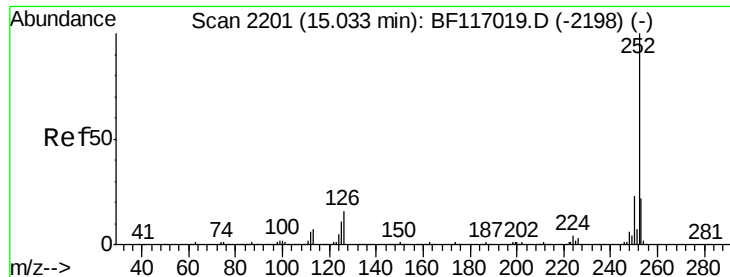
mohammad
10/11/2019 8:29:23 AM



#88
Benzo(b)fluoranthene
Concen: 41.170 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.3	8.6	12.8





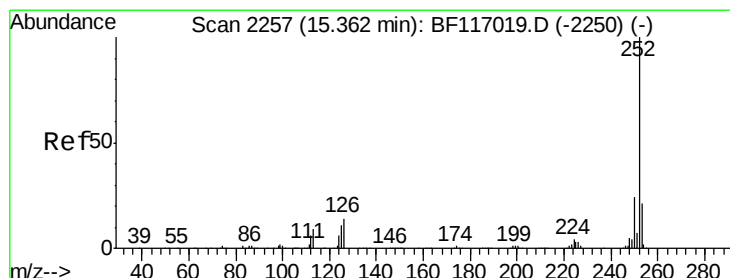
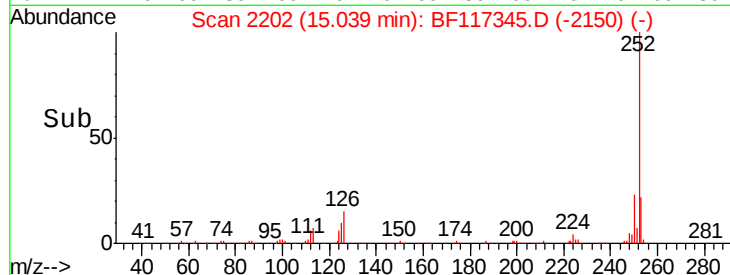
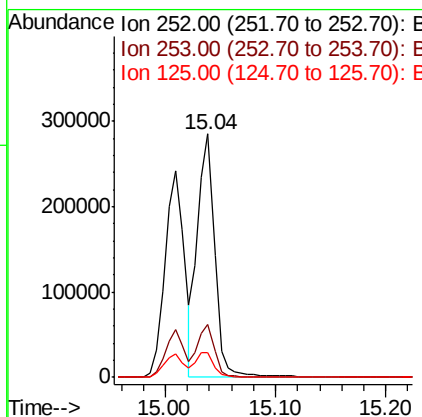
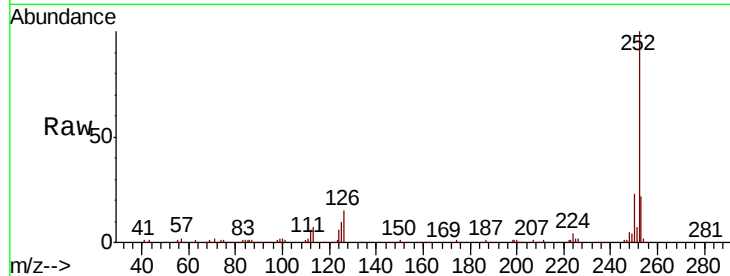
#89
Benzo(k)fluoranthene
Concen: 44.707 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	10.3	8.8	13.2

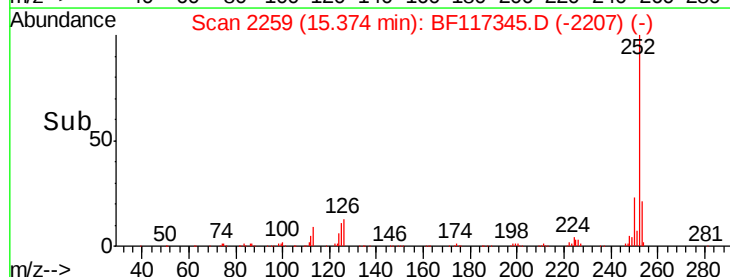
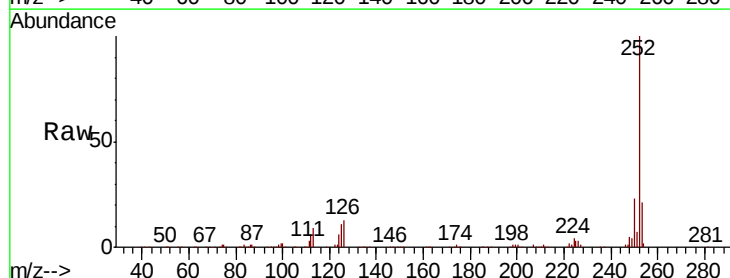
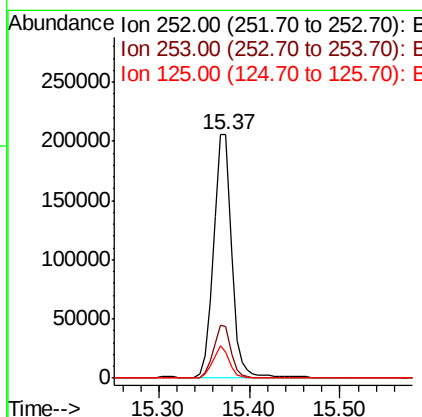
Manual Integrations
APPROVED

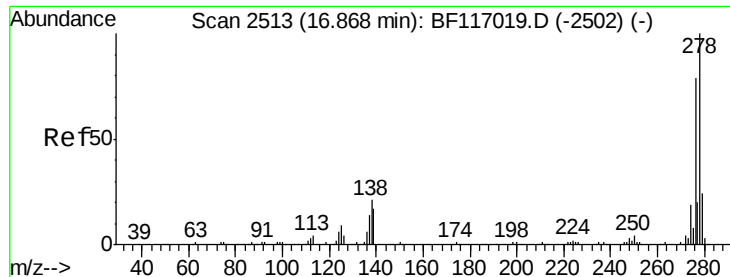
mohammad
10/11/2019 8:29:23 AM



#90
Benzo(a)pyrene
Concen: 45.589 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	25.0
125	10.8	8.9	13.3





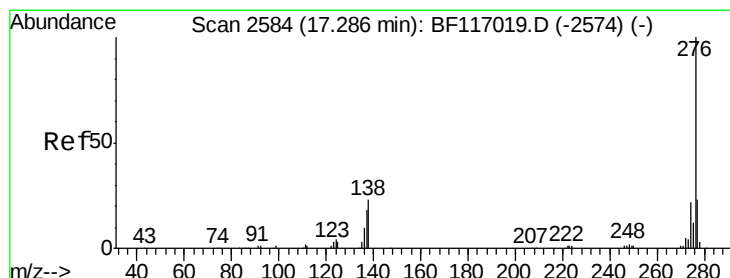
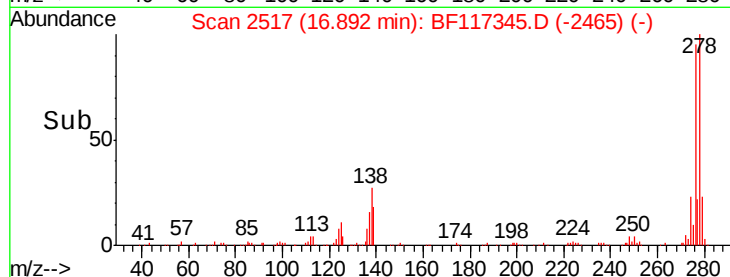
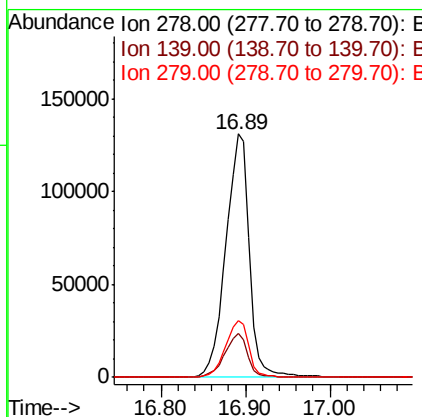
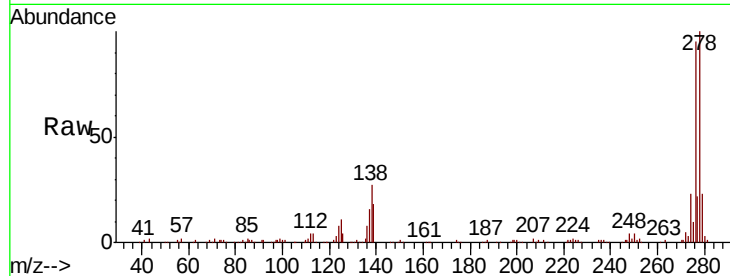
#91
Dibenzo(a,h)anthracene
Concen: 49.825 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :
TP-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	23.1	18.8	28.2

Manual Integrations
APPROVED

mohammad
10/11/2019 8:29:23 AM



#92
Benzo(g,h,i)perylene
Concen: 48.478 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	21.6	18.0	27.0

