

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117476.D
 Acq On : 22 Oct 2019 14:13
 Operator : JU
 Sample : PB124094BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:06:01 AM

Quant Time: Oct 22 14:59:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	50438	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	227790	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	125673	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	210733	20.00	ng	0.00
76) Chrysene-d12	13.90	240	144543	20.00	ng	0.00
87) Perylene-d12	15.33	264	81760	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	377932	111.47	ng	0.02
7) Phenol-d6	6.39	99	501126	110.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	274976	59.59	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	122358	112.52	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	514071	57.64	ng	0.00
79) Terphenyl-d14	12.84	244	534296	60.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	47889	33.596	ng	97
3) Pyridine	3.25	79	108684	31.147	ng	96
4) n-Nitrosodimethylamine	3.18	42	49556	39.146	ng	96
6) Aniline	6.40	93	142465	26.649	ng	# 10
8) 2-Chlorophenol	6.53	128	152738	42.694	ng	96
9) Benzaldehyde	6.29	77	52560	20.482	ng	96
10) Phenol	6.40	94	190133	40.910	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	140561	40.889	ng	99
12) 1,3-Dichlorobenzene	6.67	146	150964	37.814	ng	98
13) 1,4-Dichlorobenzene	6.75	146	154330	38.106	ng	96
14) 1,2-Dichlorobenzene	6.90	146	145543	38.125	ng	99
15) Benzyl Alcohol	6.89	79	139944	43.016	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	147616	39.806	ng	71
17) 2-Methylphenol	7.00	107	128164	43.549	ng	96
18) Hexachloroethane	7.24	117	59352	37.546	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	119441	42.950	ng	95
20) 3+4-Methylphenols	7.16	107	172763	44.774	ng	# 82
22) Acetophenone	7.15	105	228591	37.792	ng	96
24) Nitrobenzene	7.32	77	176213	39.873	ng	97
25) Isophorone	7.56	82	333064	41.726	ng	98
26) 2-Nitrophenol	7.64	139	81619	41.409	ng	99
27) 2,4-Dimethylphenol	7.68	122	137939	46.827	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	195044	39.600	ng	98
29) 2,4-Dichlorophenol	7.89	162	130107	42.110	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	126332	38.102	ng	98
31) Naphthalene	8.04	128	447958	39.675	ng	100
32) Benzoic acid	7.85	122	80868	40.081	ng	98
33) 4-Chloroaniline	8.09	127	126155	26.475	ng	98
34) Hexachlorobutadiene	8.15	225	70314	36.639	ng	96
35) Caprolactam	8.47	113	41822m	42.136	ng	
36) 4-Chloro-3-methylphenol	8.59	107	155113	44.020	ng	97
37) 2-Methylnaphthalene	8.73	142	313261	41.175	ng	98
38) 1-Methylnaphthalene	8.83	142	298658	41.776	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	121919	36.019	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117476.D
 Acq On : 22 Oct 2019 14:13
 Operator : JU
 Sample : PB124094BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:06:01 AM

Quant Time: Oct 22 14:59:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	42962	55.658	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	83626	39.452	nq	97
44) 2,4,5-Trichlorophenol	9.06	196	91090	42.408	nq	93
46) 1,1'-Biphenyl	9.19	154	379335	36.460	nq	99
47) 2-Chloronaphthalene	9.22	162	293862	37.461	nq	100
48) 2-Nitroaniline	9.32	65	98697	38.326	nq	91
49) Acenaphthylene	9.63	152	458533	39.796	nq	100
50) Dimethylphthalate	9.50	163	358579	40.024	nq	100
51) 2,6-Dinitrotoluene	9.56	165	79311	42.423	nq #	88
52) Acenaphthene	9.80	154	265855	37.608	nq	99
53) 3-Nitroaniline	9.73	138	62621	27.606	nq	99
54) 2,4-Dinitrophenol	9.86	184	58964	76.449	nq	98
55) Dibenzofuran	9.97	168	409612	39.994	nq	97
56) 4-Nitrophenol	9.92	139	87614	83.706	nq	95
57) 2,4-Dinitrotoluene	9.97	165	103616	41.686	nq	88
58) Fluorene	10.32	166	338567	39.974	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	72975	43.227	nq	98
60) Diethylphthalate	10.20	149	375012	41.384	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	150066	39.492	nq	93
62) 4-Nitroaniline	10.36	138	73061	34.171	nq	94
63) Azobenzene	10.47	77	387162	41.736	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	45257	42.240	nq	96
66) n-Nitrosodiphenylamine	10.43	169	299426	38.867	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	87965	38.754	nq #	88
68) Hexachlorobenzene	10.87	284	89206	36.697	nq #	88
69) Atrazine	10.96	200	91511	46.687	nq	97
70) Pentachlorophenol	11.07	266	73961	101.493	nq	96
71) Phenanthrene	11.28	178	474615	38.787	nq	99
72) Anthracene	11.33	178	493164	39.279	nq	99
73) Carbazole	11.49	167	450283	39.244	nq	99
74) Di-n-butylphthalate	11.82	149	631326	41.179	nq	98
75) Fluoranthene	12.47	202	477183	38.955	nq	99
77) Benzidine	12.59	184	82815	16.263	nq	97
78) Pyrene	12.70	202	477157	38.432	nq	99
80) Butylbenzylphthalate	13.30	149	245321	39.707	nq	99
81) Benzo(a)anthracene	13.89	228	372793	38.235	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	105618	34.522	nq	98
83) Chrysene	13.93	228	365107	38.209	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	362642	41.902	nq #	95
85) Di-n-octyl phthalate	14.48	149	570415	42.868	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	232945	32.651	nq	99
88) Benzo(b)fluoranthene	14.92	252	297777	61.677	nq	98
89) Benzo(k)fluoranthene	14.95	252	257341	52.005	nq	99
90) Benzo(a)pyrene	15.27	252	232661	53.002	nq	97
91) Dibenzo(a,h)anthracene	16.74	278	196813	51.852	nq	96
92) Benzo(g,h,i)perylene	17.16	276	189347	52.723	nq	99

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

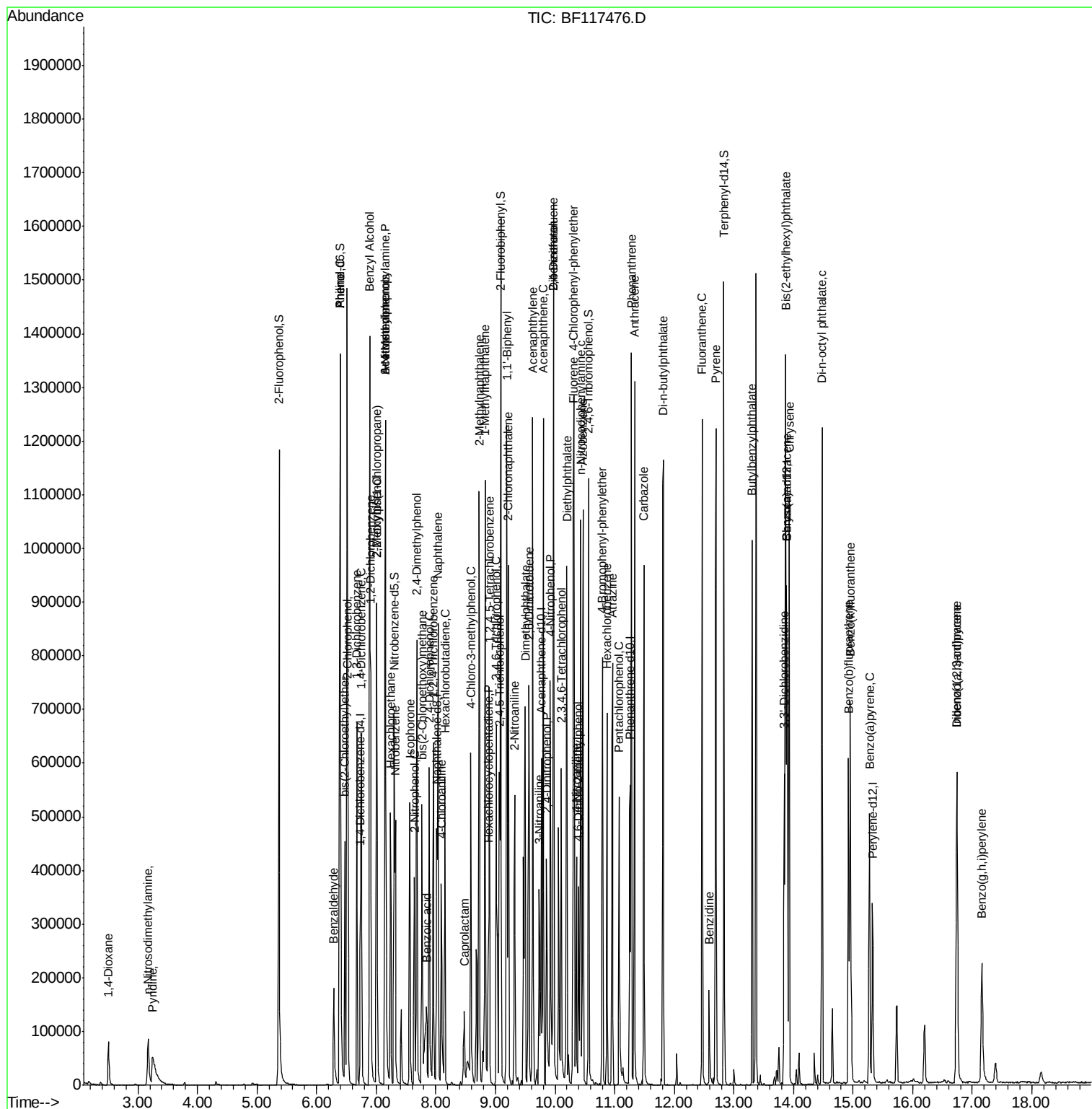
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
Data File : BF117476.D
Acq On : 22 Oct 2019 14:13
Operator : JU
Sample : PB124094BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

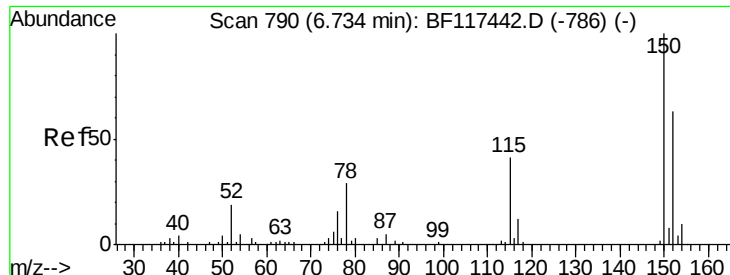
Instrument :
BNA_F
ClientSampleID :
PB124094BS

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

Quant Time: Oct 22 14:59:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

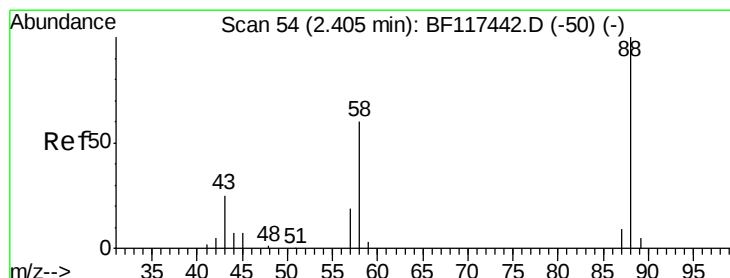
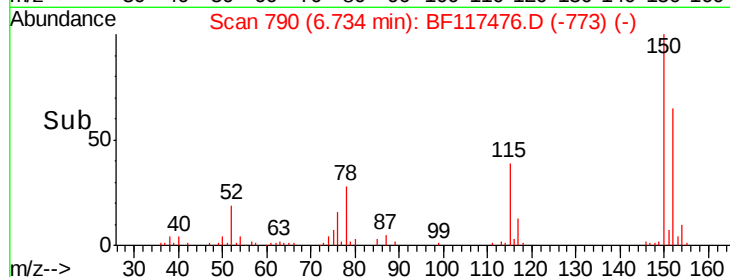
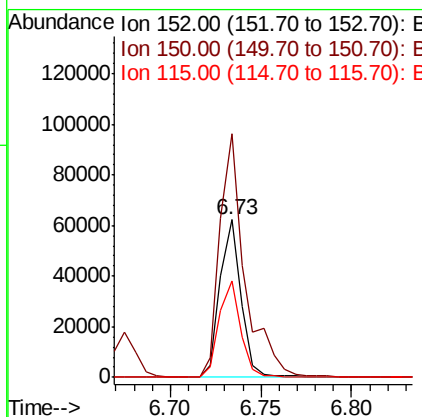
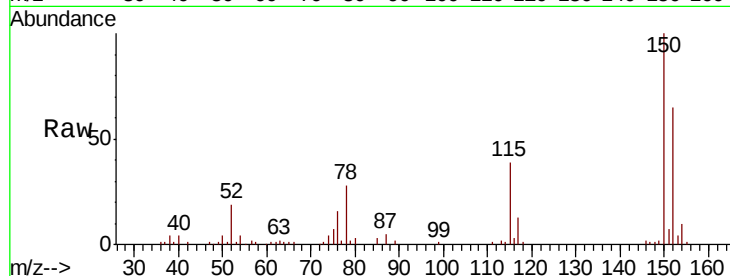
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.8	190.2
115	61.1	51.6	77.4

Manual Integrations
APPROVED

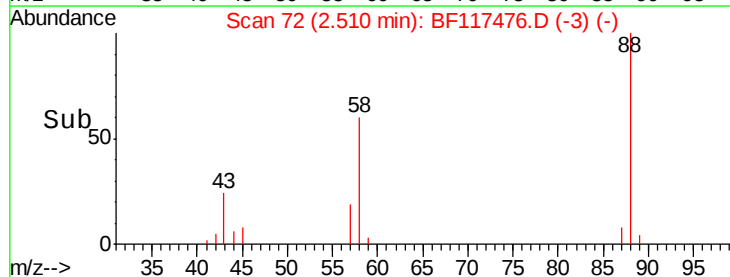
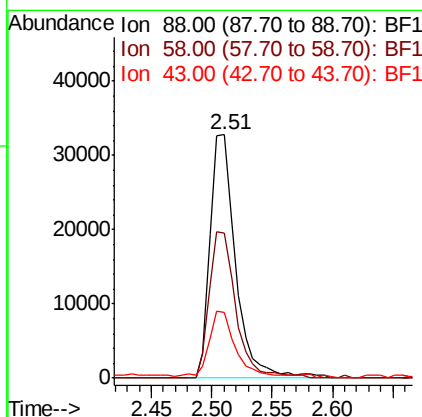
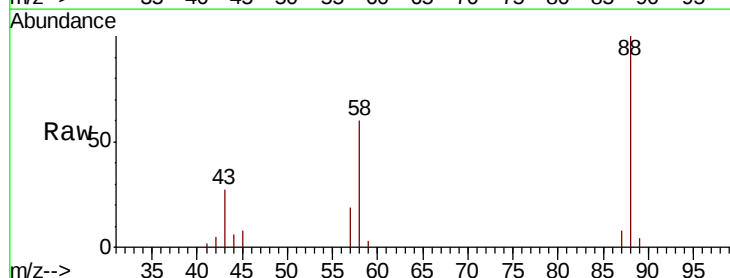
mohammad
10/23/2019 8:06:01 AM

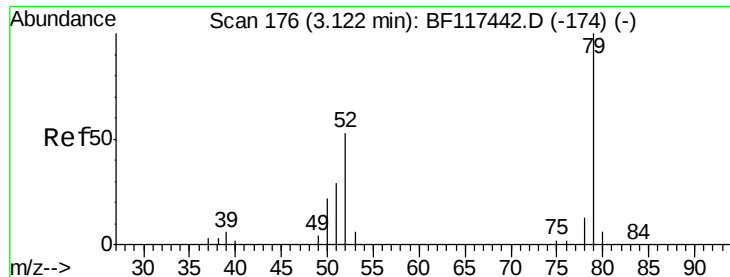


#2

1,4-Dioxane
Concen: 33.596 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.11 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.6	48.8	73.2
43	25.8	18.5	27.7





#3

Pvridine

Concen: 31.147 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.12 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

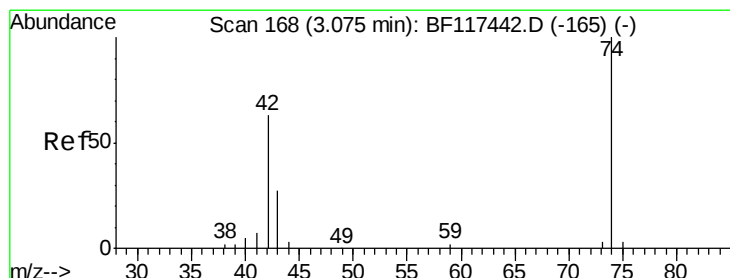
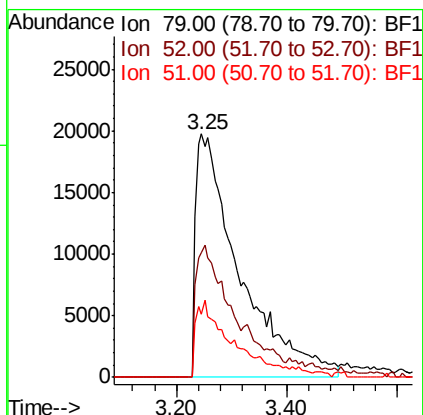
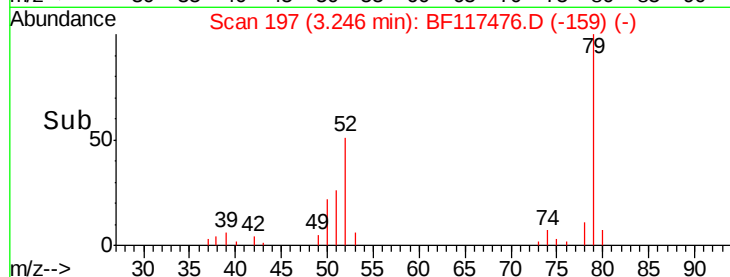
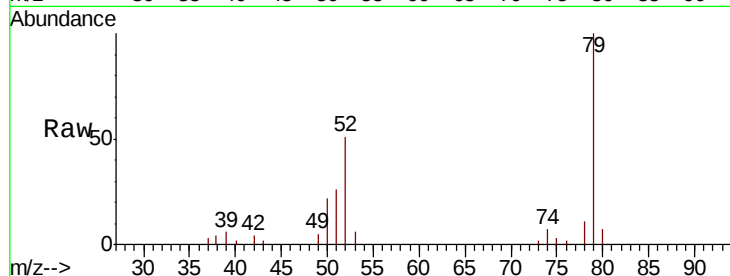
ClientSampled :

PB124094BS

Tot Ion:	79	Resp:	108684
Ion	Ratio	Lower	Upper
79	100		
52	50.9	42.4	63.6
51	25.7	23.3	34.9

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#4

n-Nitrosodimethylamine

Concen: 39.146 ng

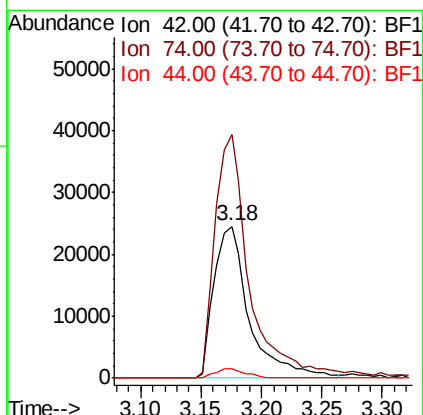
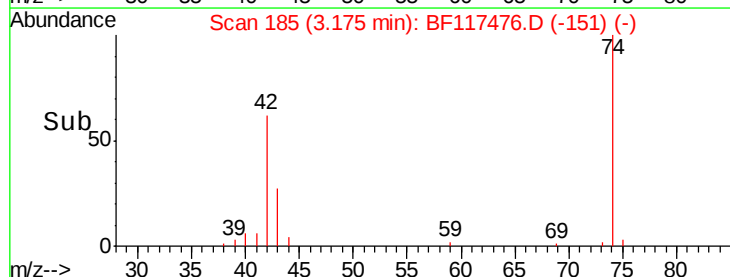
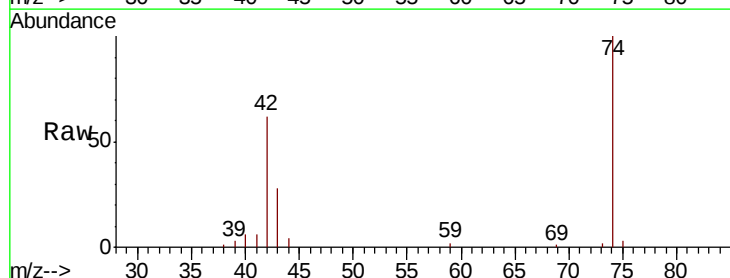
RT: 3.18 min Scan# 185

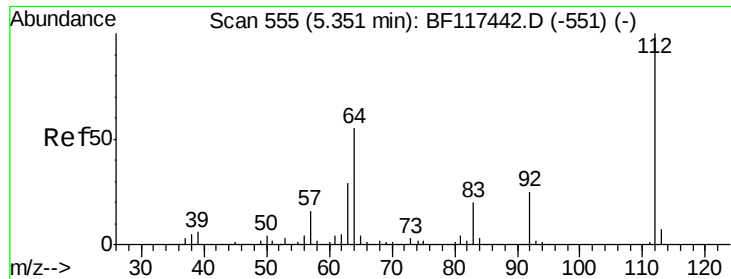
Delta R.T. 0.10 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	42	Resp:	49556
Ion	Ratio	Lower	Upper
42	100		
74	160.8	124.2	186.4
44	5.9	4.2	6.4





#5

2-Fluorophenol

Concen: 111.474 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

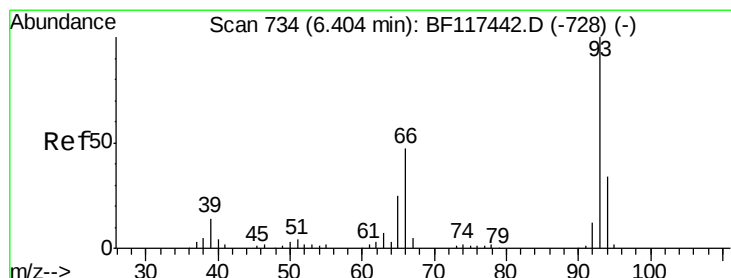
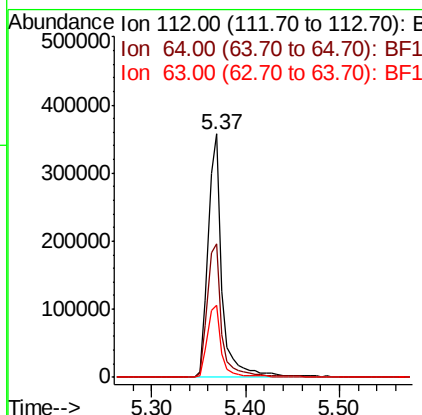
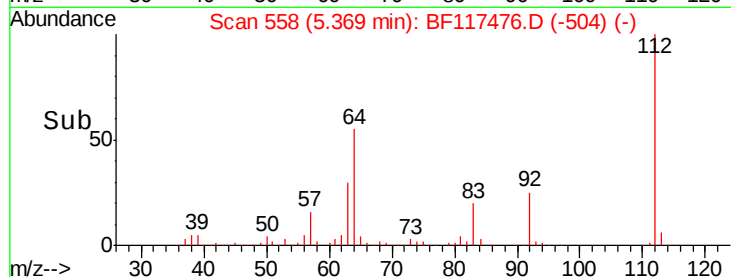
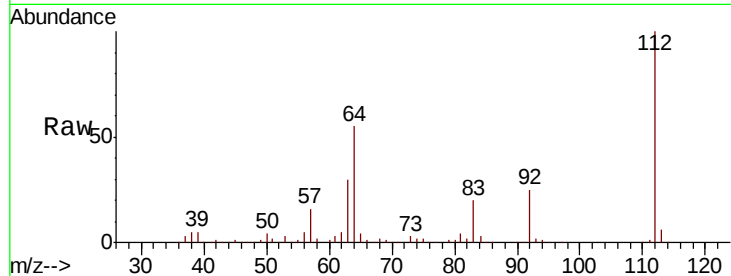
ClientSampleId :

PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	377932		
64	54.7	44.1	66.1	
63	29.8	23.4	35.2	

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#6

Aniline

Concen: 26.649 ng

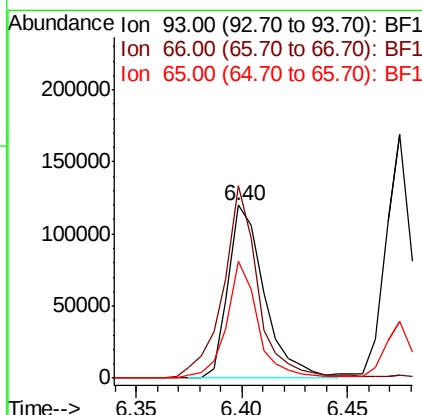
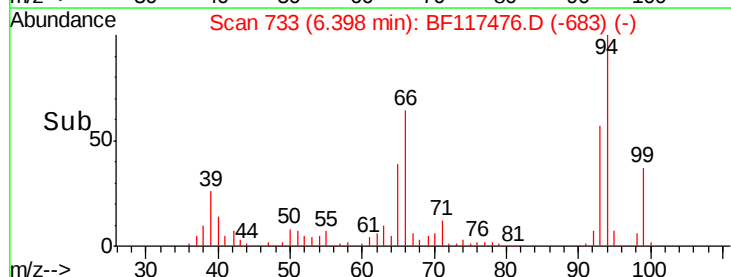
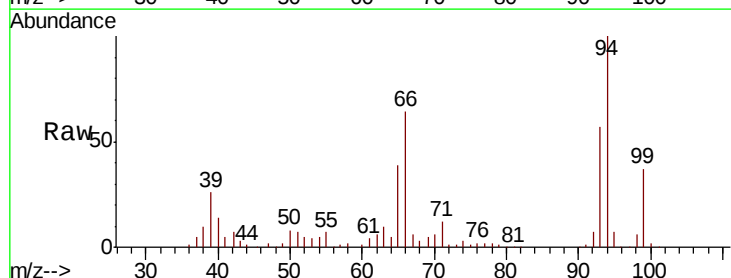
RT: 6.40 min Scan# 733

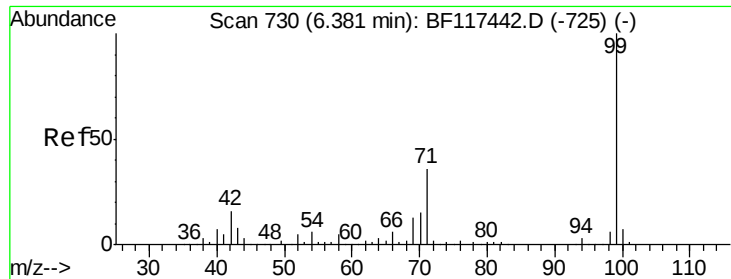
Delta R.T. -0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142465		
66	111.7	38.7	58.1#	
65	67.7	20.1	30.1#	





#7

Phenol-d6

Concen: 110.051 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

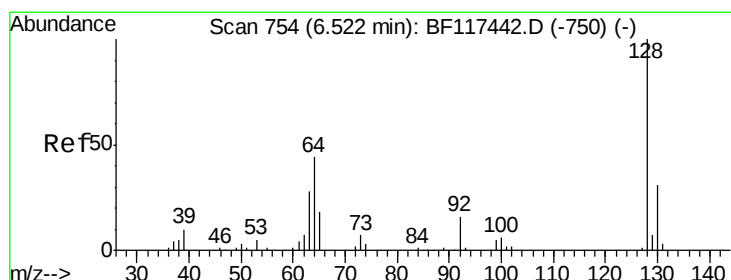
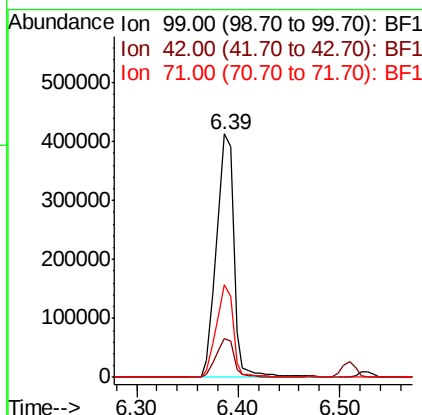
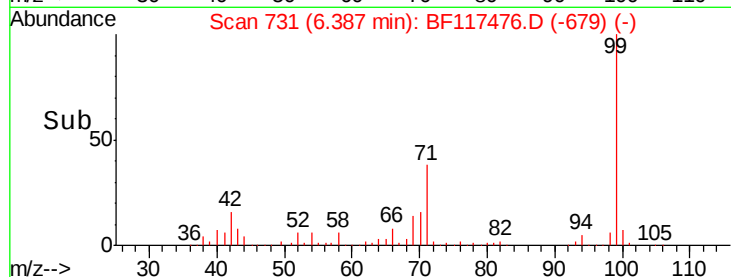
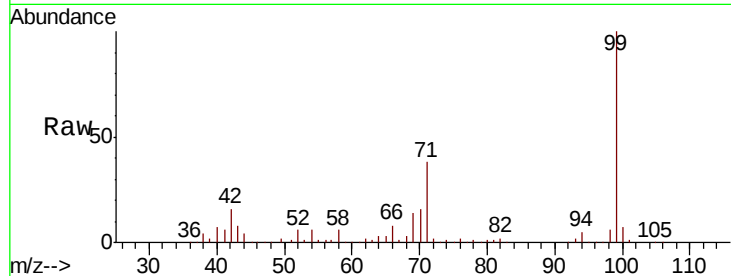
ClientSampled :

PB124094BS

Tot Ion:	99	Resp:	501126
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.8	19.2
71	38.1	28.6	43.0

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#8

2-Chlorophenol

Concen: 42.694 ng

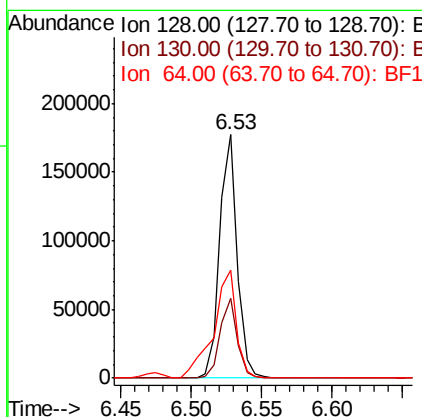
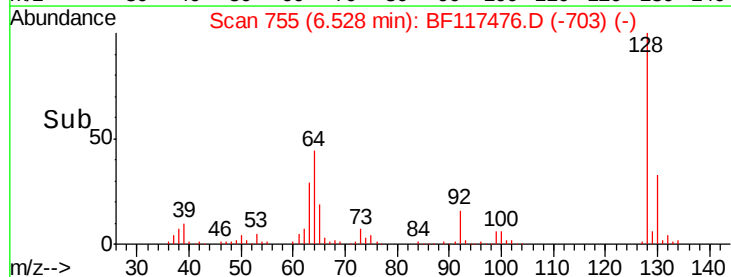
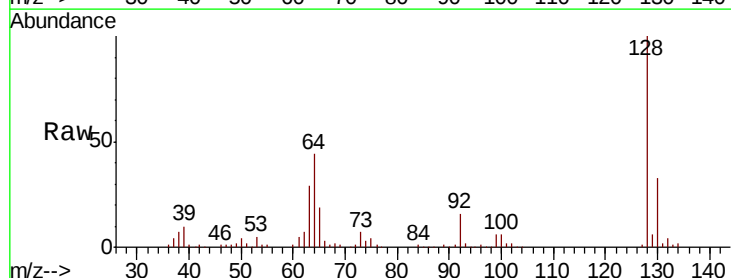
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	128	Resp:	152738
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.1	51.1
64	44.2	27.1	67.1





#9

Benzaldehyde

Concen: 20.482 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

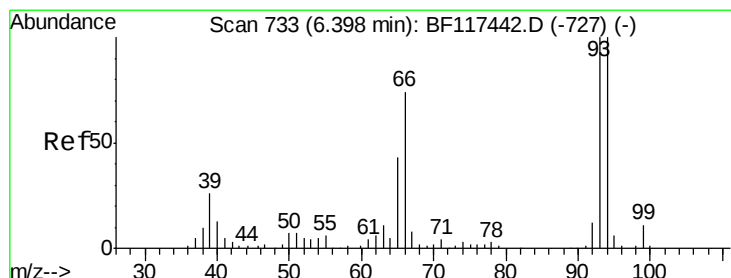
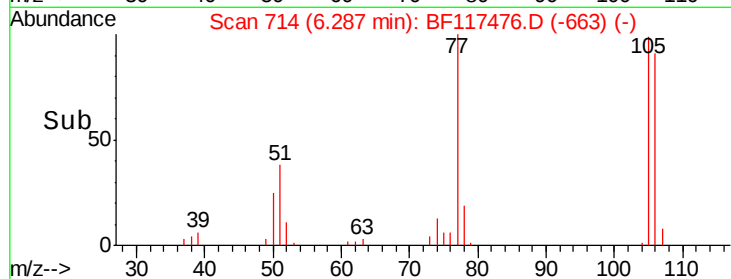
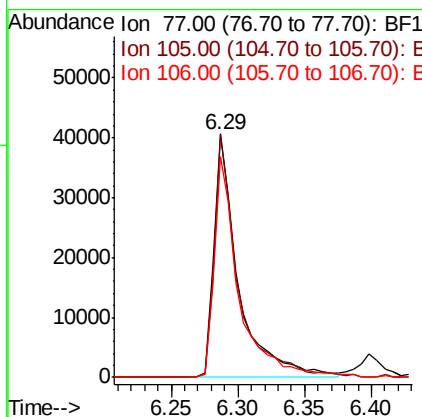
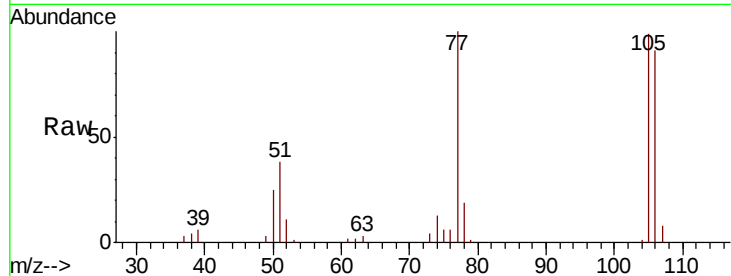
ClientSampleID :

PB124094BS

Tot Ion:	77	Resp:	52560
Ion	Ratio	Lower	Upper
77	100		
105	99.4	73.4	113.4
106	90.6	73.0	113.0

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#10

Phenol

Concen: 40.910 ng

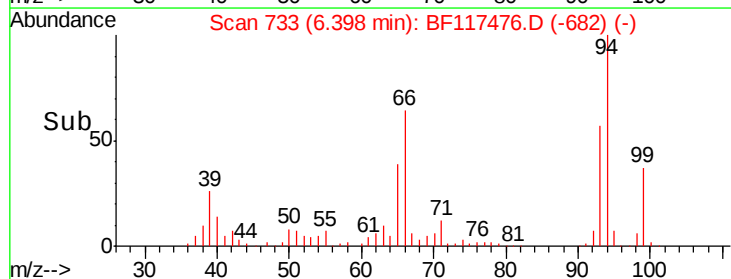
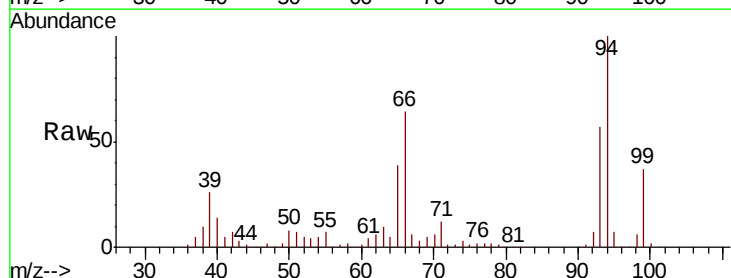
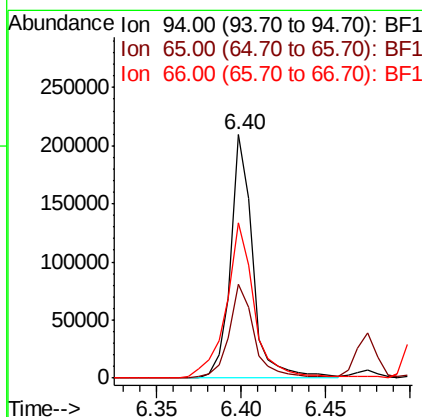
RT: 6.40 min Scan# 733

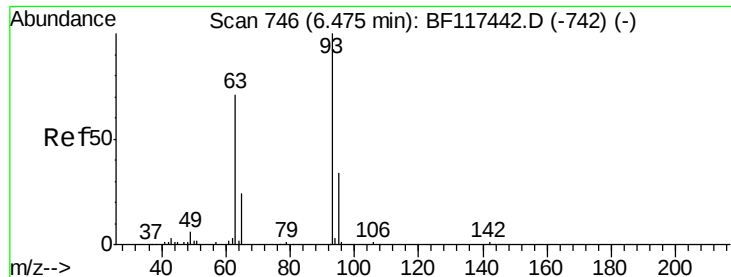
Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	94	Resp:	190133
Ion	Ratio	Lower	Upper
94	100		
65	38.7	23.4	63.4
66	63.9	54.7	94.7





#11

bis(2-Chloroethyl)ether

Concen: 40.889 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

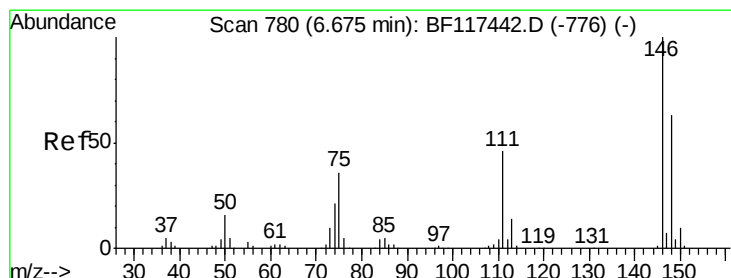
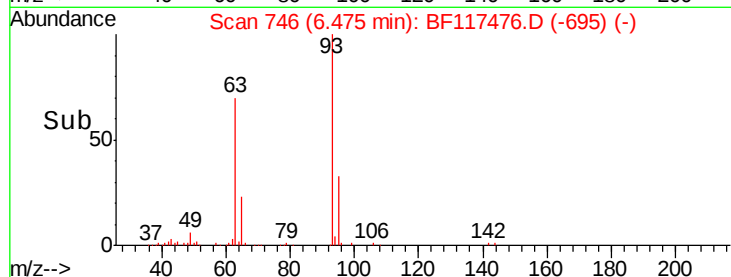
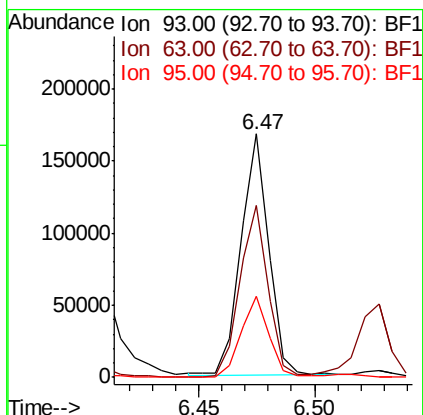
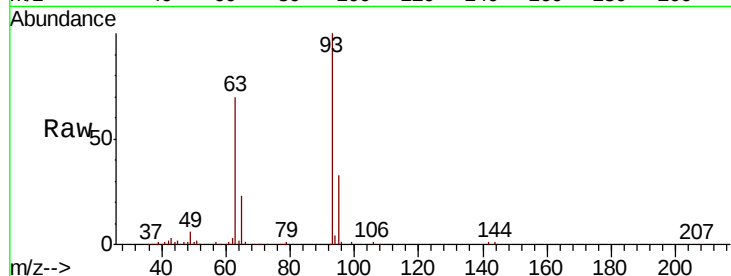
ClientSampleId :

PB124094BS

Tot Ion:	93	Resp:	140561
Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.2	90.2
95	33.2	13.9	53.9

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#12

1,3-Dichlorobenzene

Concen: 37.814 ng

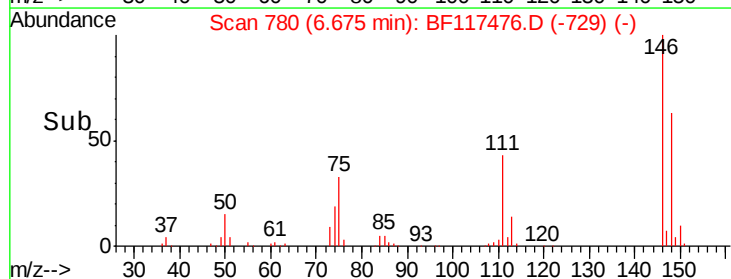
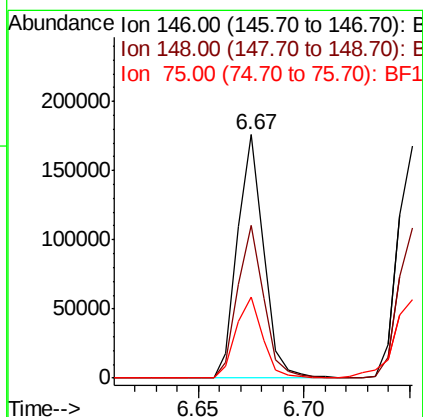
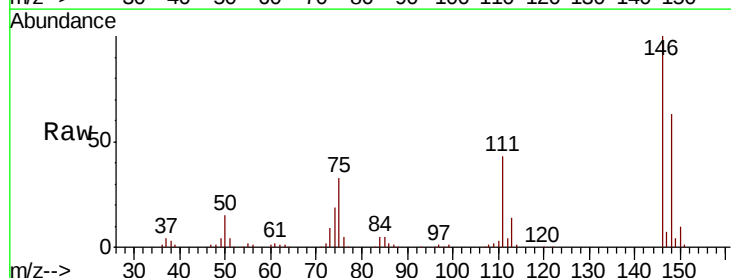
RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	146	Resp:	150964
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
75	33.3	28.6	43.0





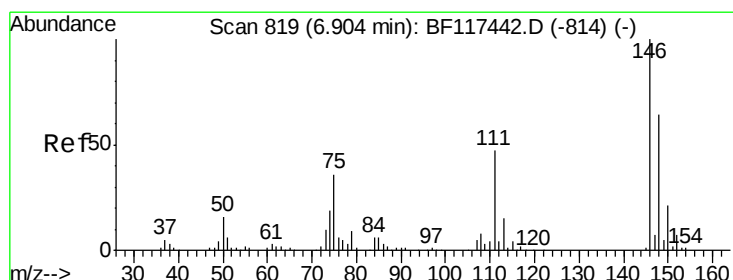
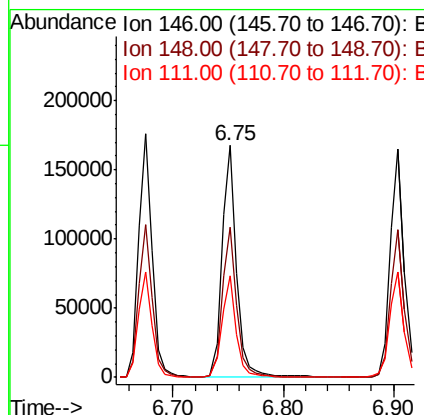
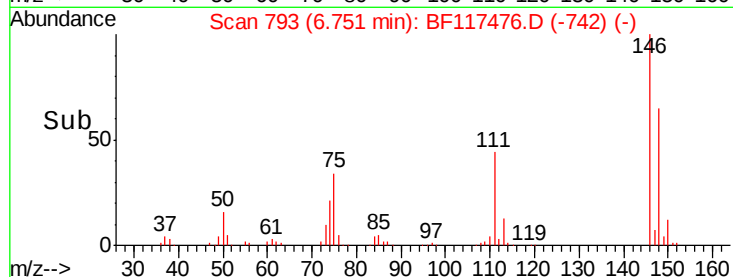
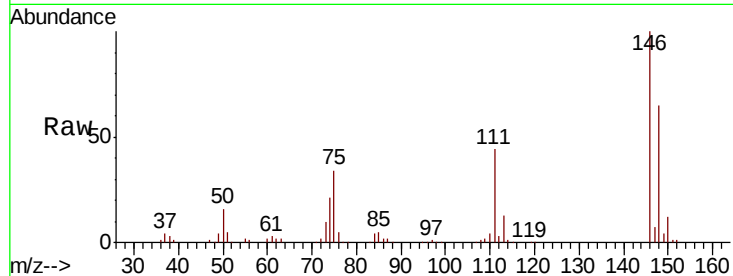
#13
 1,4-Dichlorobenzene
 Concen: 38.106 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.3	73.9
111	43.8	33.6	50.4

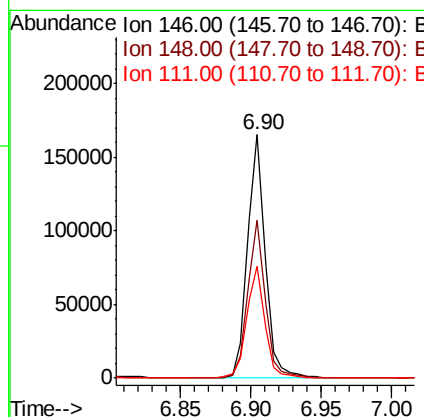
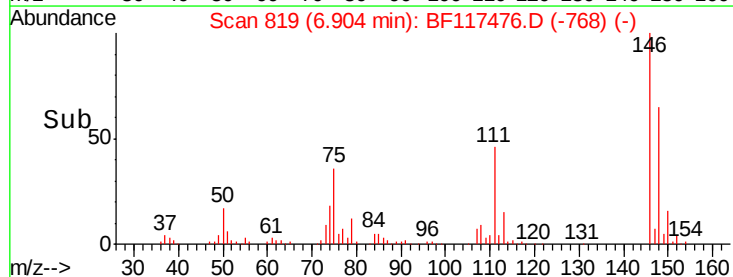
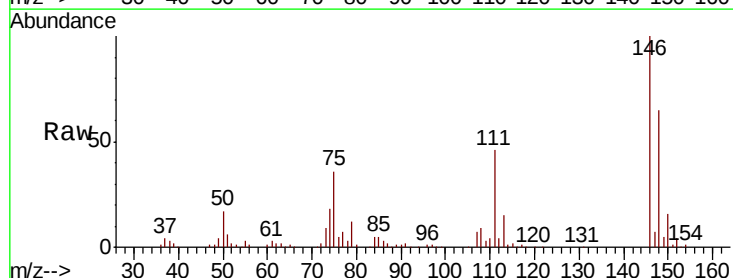
Manual Integrations
 APPROVED

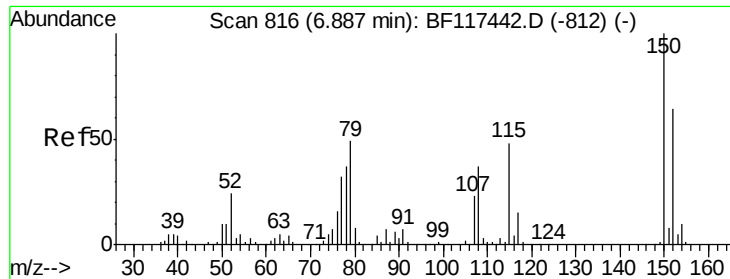
mohammad
 10/23/2019 8:06:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.125 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
111	46.0	37.7	56.5





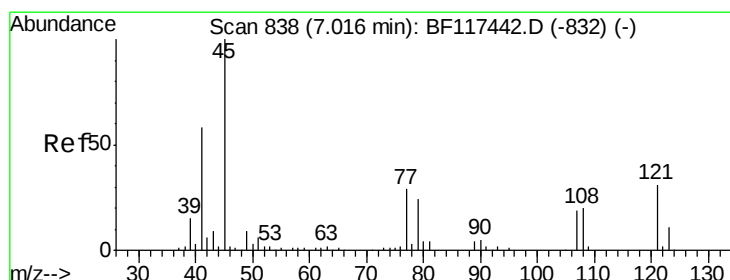
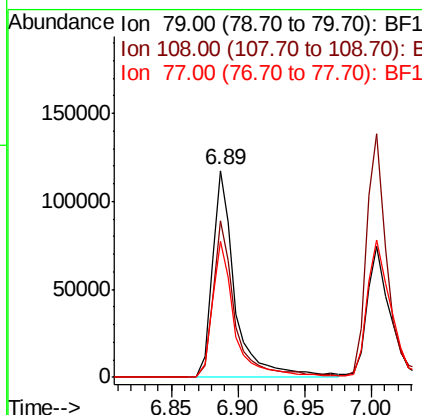
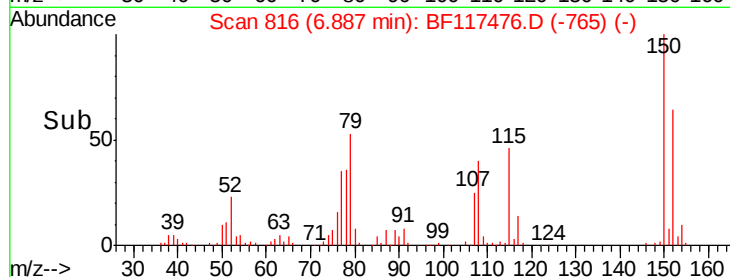
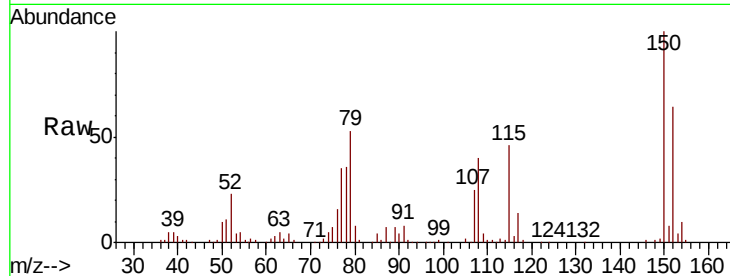
#15
Benzyl Alcohol
Concen: 43.016 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	59.8	89.8
77	65.8	51.4	77.0

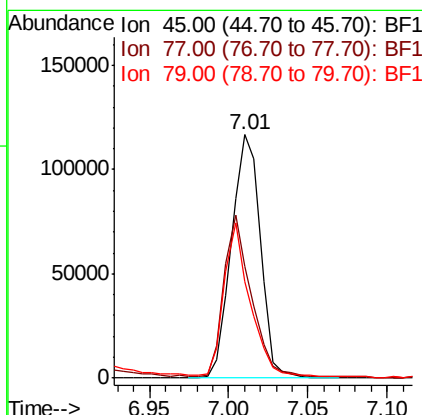
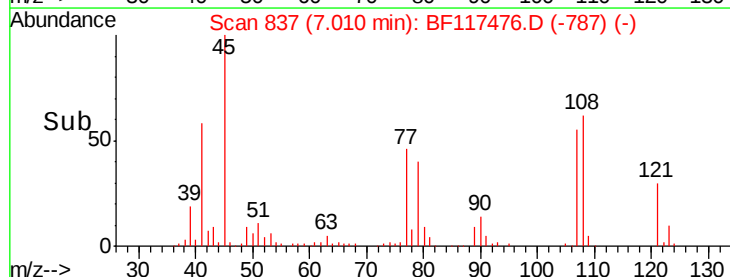
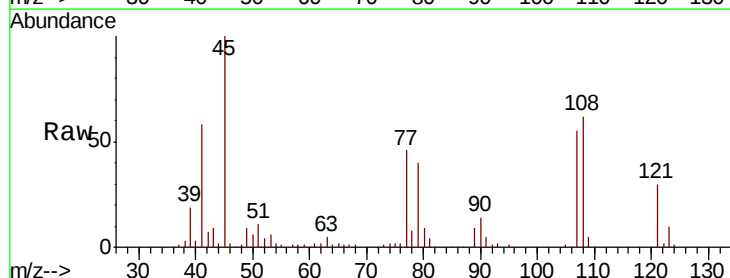
Manual Integrations
APPROVED

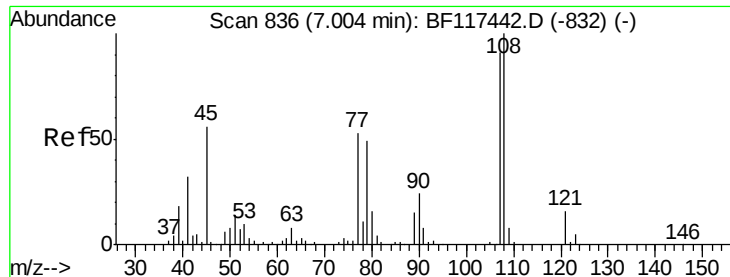
mohammad
10/23/2019 8:06:01 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.806 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.9	9.9	49.9
79	39.6	5.5	45.5





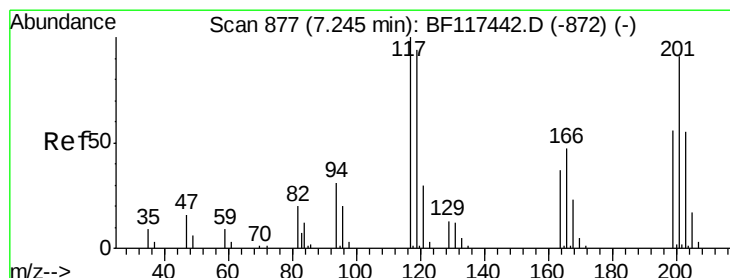
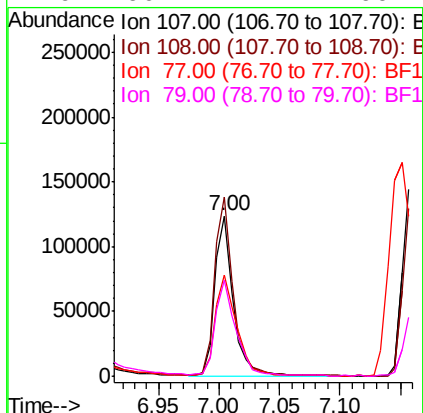
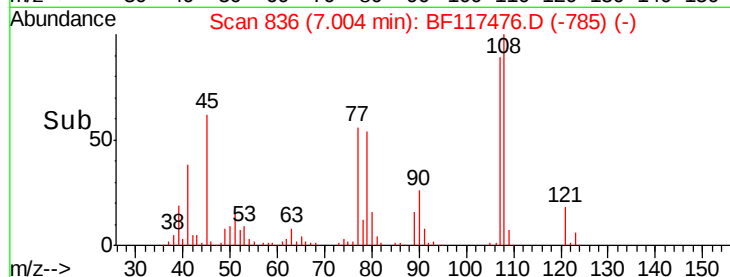
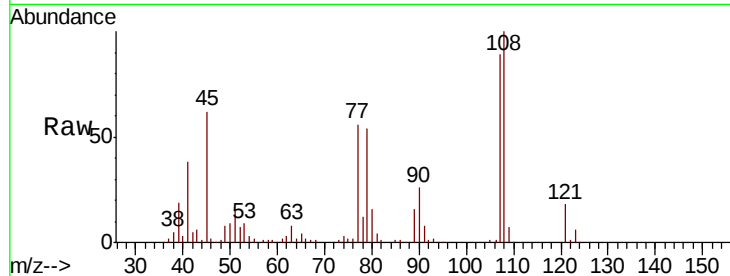
#17
2-Methylphenol
Concen: 43.549 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleID :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	88.0	132.0	
77	63.0	47.2	70.8	
79	60.1	44.1	66.1	

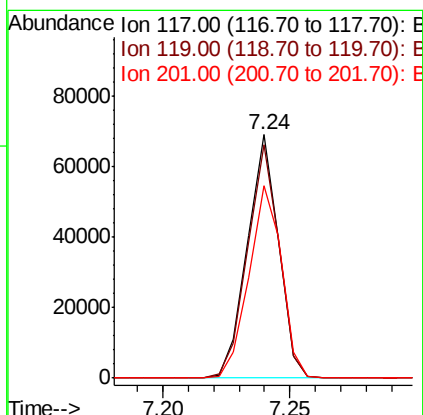
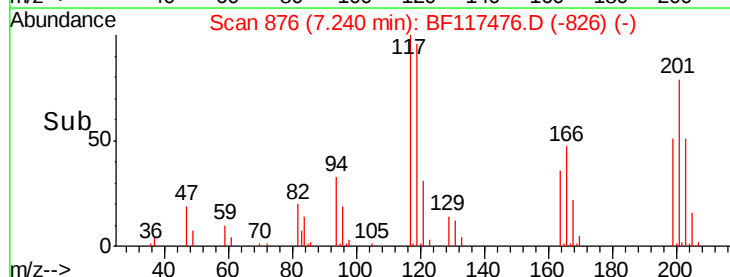
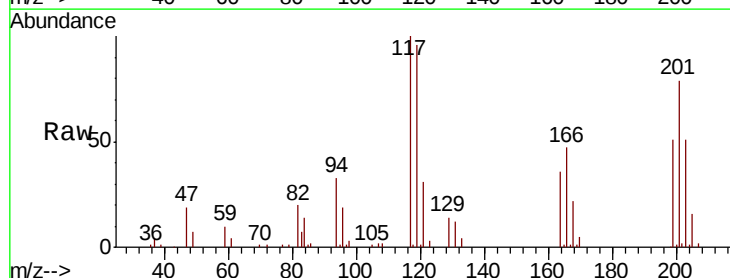
Manual Integrations
APPROVED

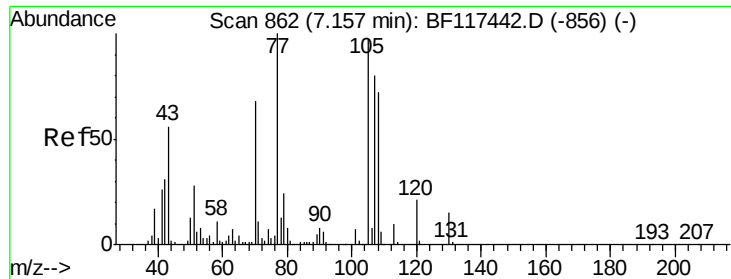
mohammad
10/23/2019 8:06:01 AM



#18
Hexachloroethane
Concen: 37.546 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.4	113.0	
201	78.8	72.5	108.7	





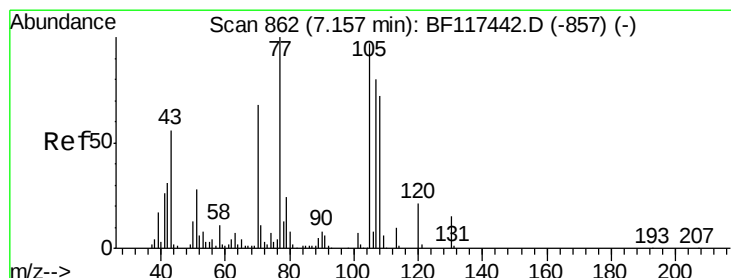
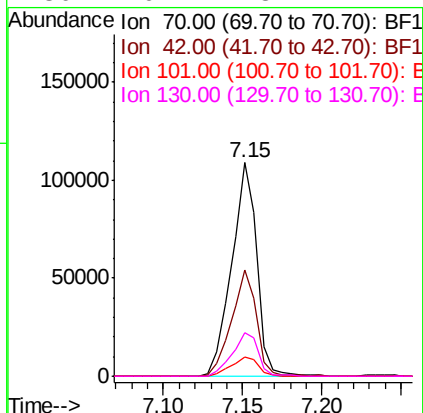
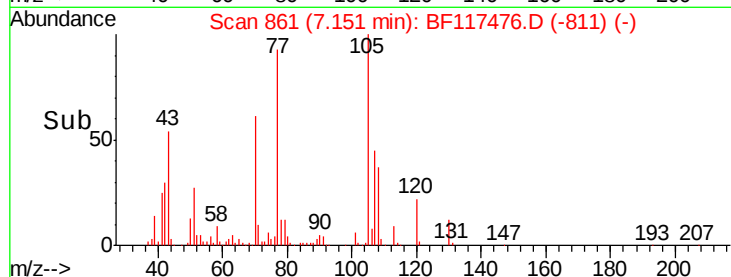
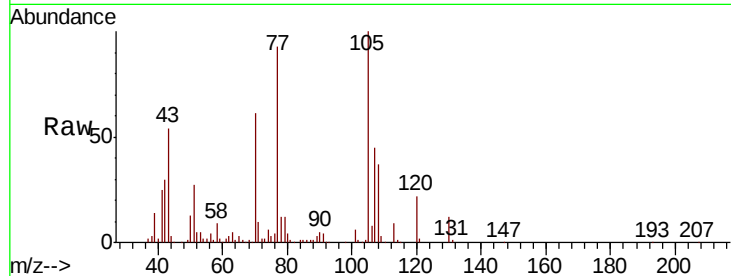
#19
n-Nitroso-di-n-propylamine
Concen: 42.950 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.5	36.7	55.1	
101	9.1	8.3	12.5	
130	20.4	18.1	27.1	

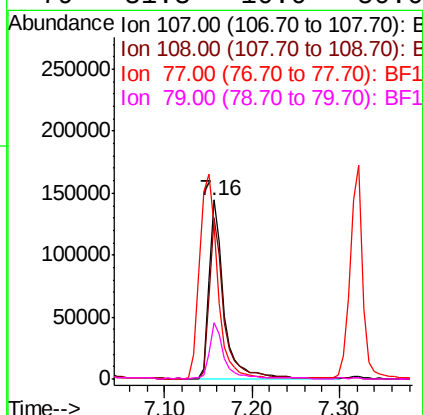
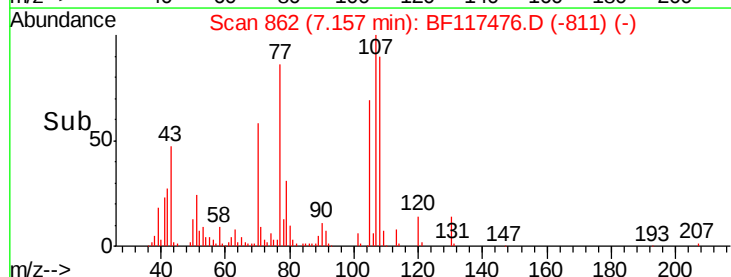
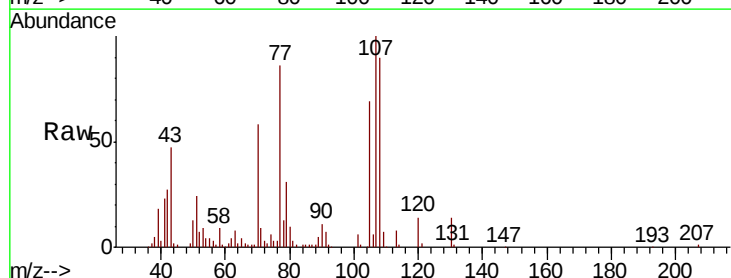
Manual Integrations
APPROVED

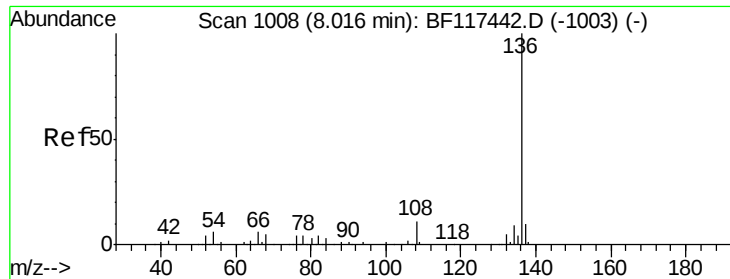
mohammad
10/23/2019 8:06:01 AM



#20
3+4-Methylphenols
Concen: 44.774 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	70.3	110.3	
77	85.7	104.8	144.8#	
79	31.3	10.0	50.0	





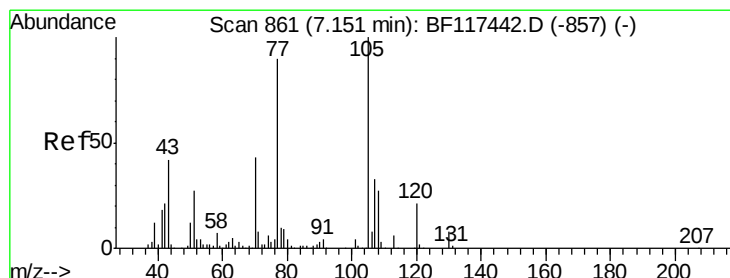
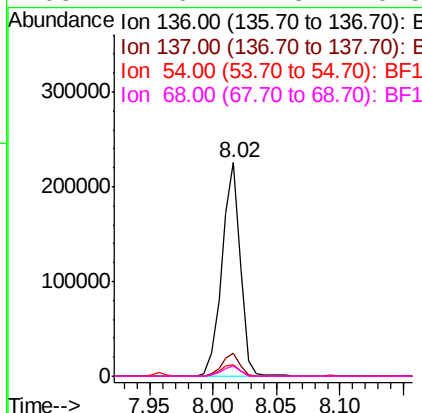
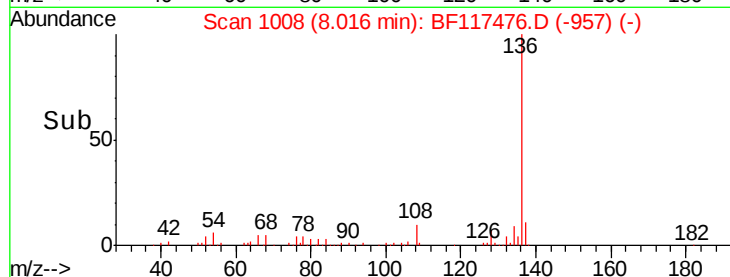
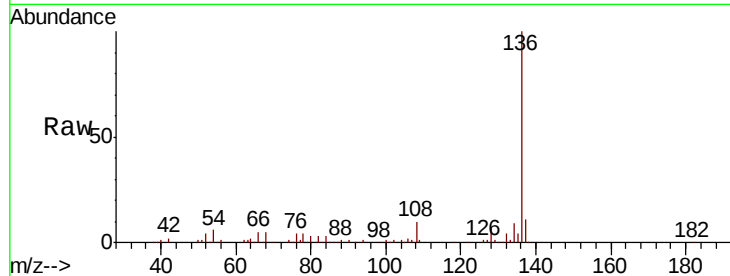
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	227790		
137	10.6	8.2	12.4	
54	5.5	4.5	6.7	
68	4.6	4.3	6.5	

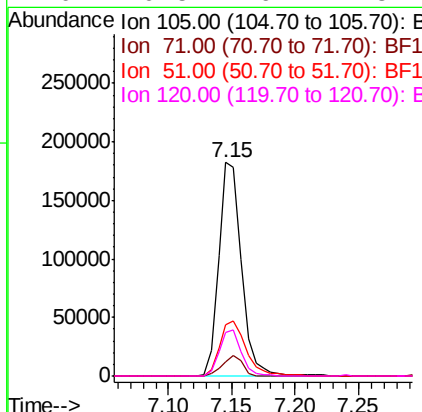
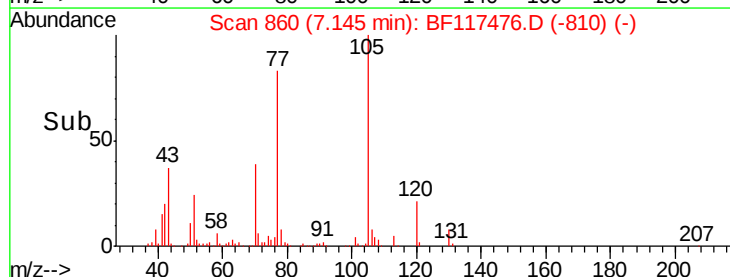
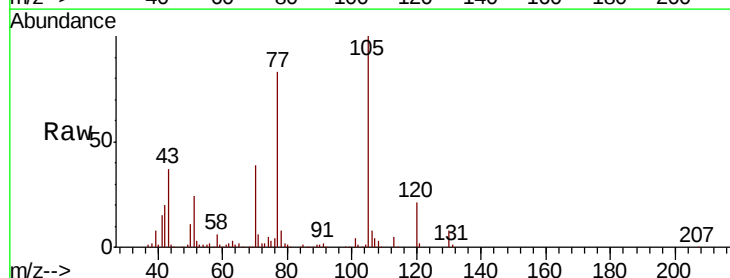
Manual Integrations
APPROVED

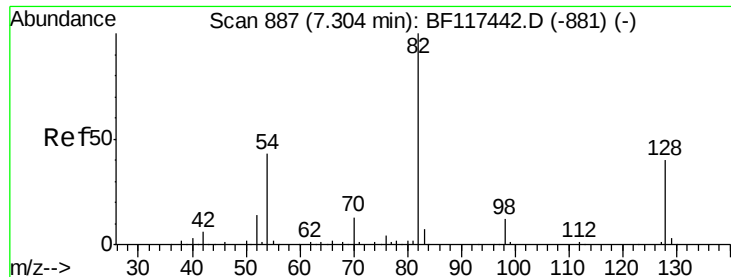
mohammad
10/23/2019 8:06:01 AM



#22
Acetophenone
Concen: 37.792 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228591		
71	6.3	6.2	9.2	
51	23.9	21.8	32.6	
120	20.5	16.7	25.1	





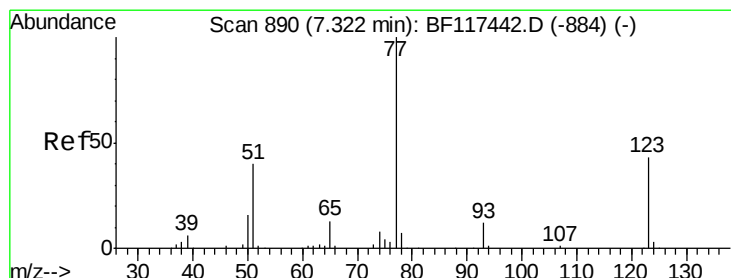
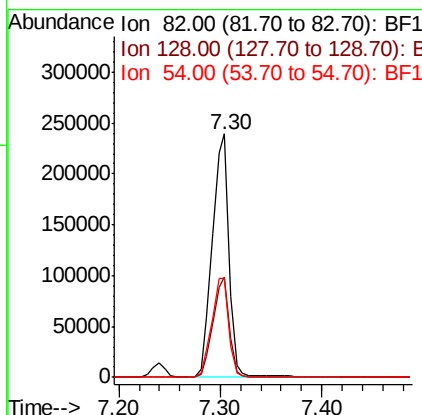
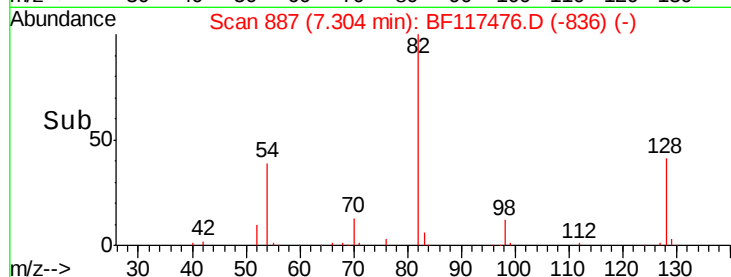
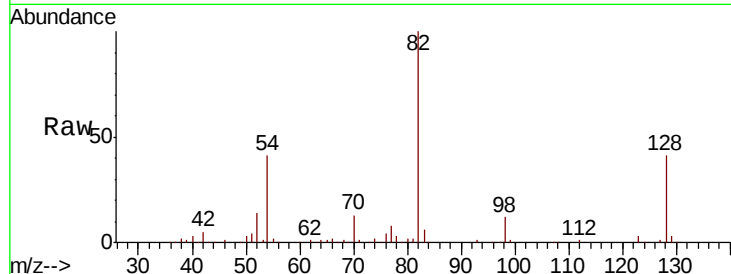
#23
Nitrobenzene-d5
Concen: 59.594 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	274976		
128	41.2		32.2	48.2
54	40.7		34.2	51.2

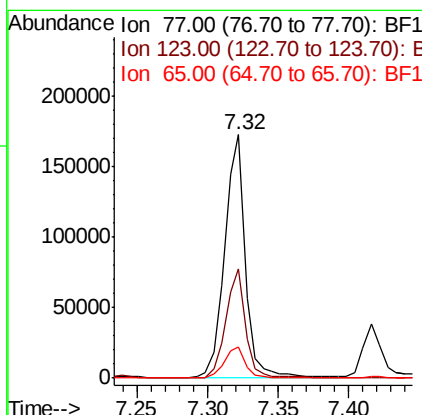
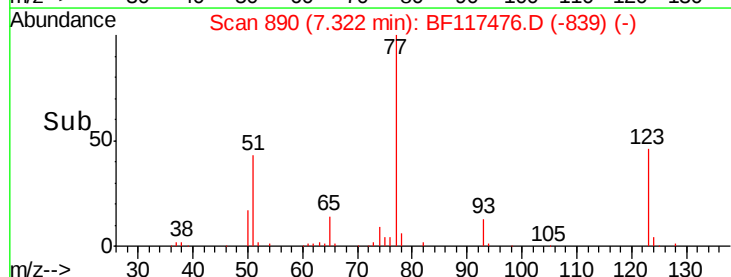
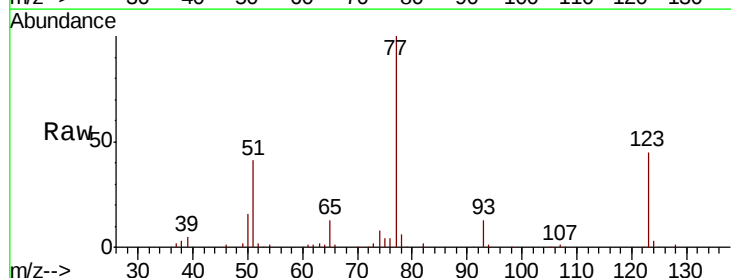
Manual Integrations
APPROVED

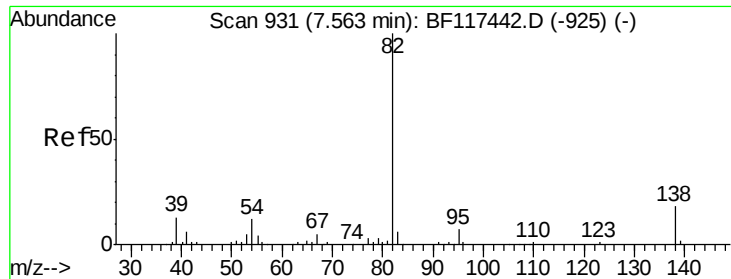
mohammad
10/23/2019 8:06:01 AM



#24
Nitrobenzene
Concen: 39.873 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	176213		
123	44.8		34.2	51.2
65	13.0		10.3	15.5





#25

Isophorone

Concen: 41.726 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

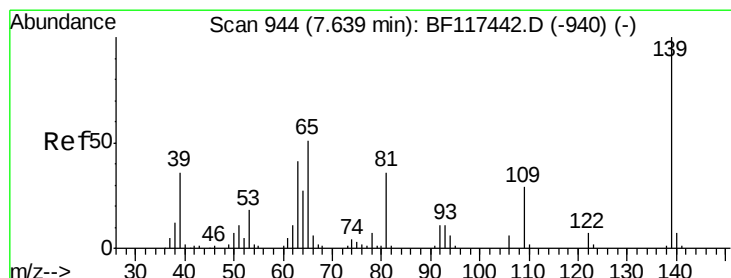
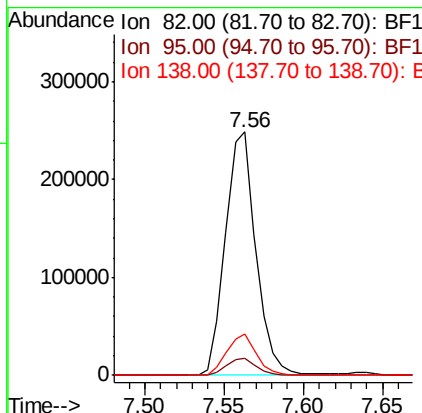
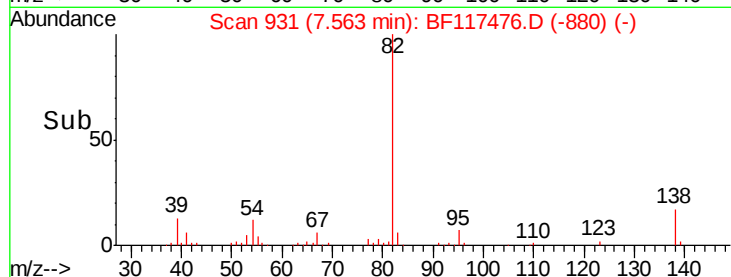
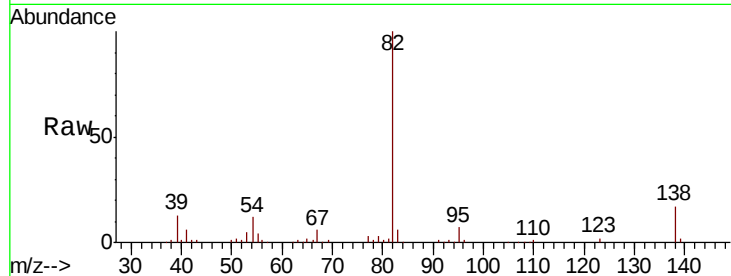
ClientSampleId :

PB124094BS

Tot Ion:	82	Resp:	333064
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.0
138	17.0	14.2	21.2

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#26

2-Nitrophenol

Concen: 41.409 ng

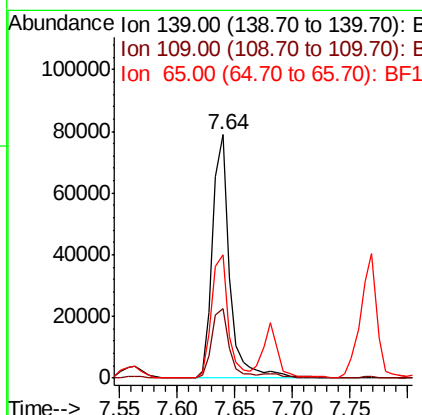
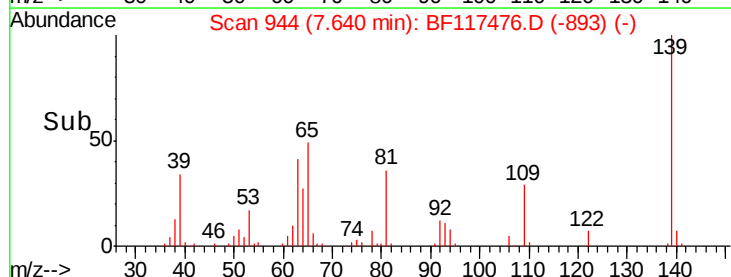
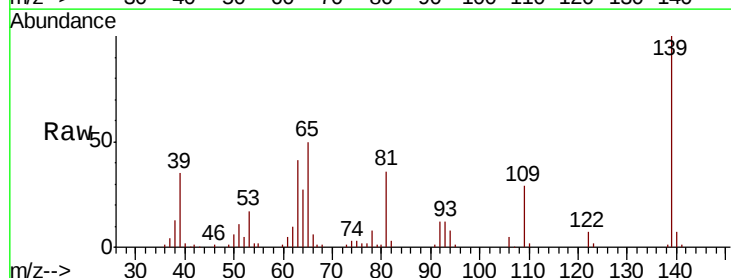
RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	139	Resp:	81619
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.2	34.8
65	50.5	41.1	61.7





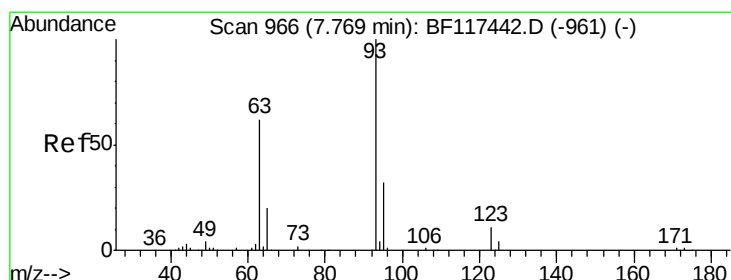
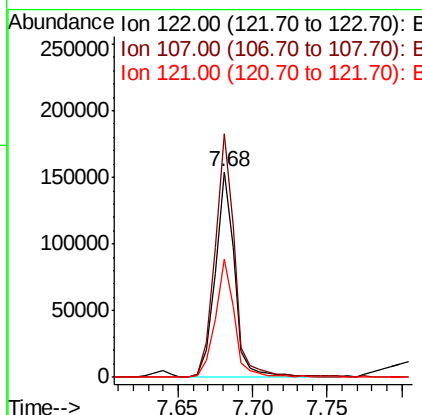
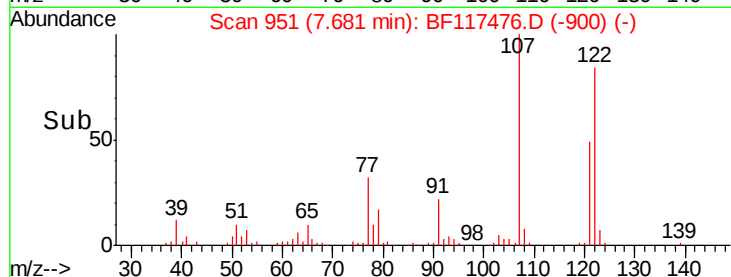
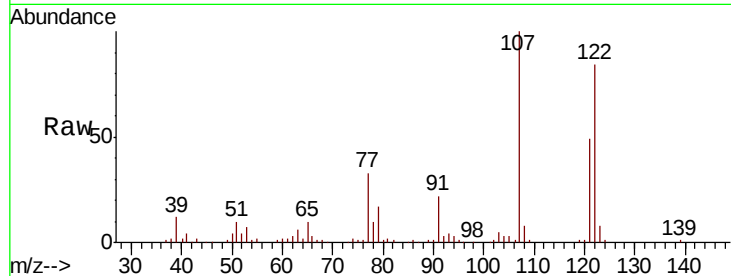
#27
 2,4-Dimethylphenol
 Concen: 46.827 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	137939		
107	118.5	96.8	145.2	
121	57.7	46.4	69.6	

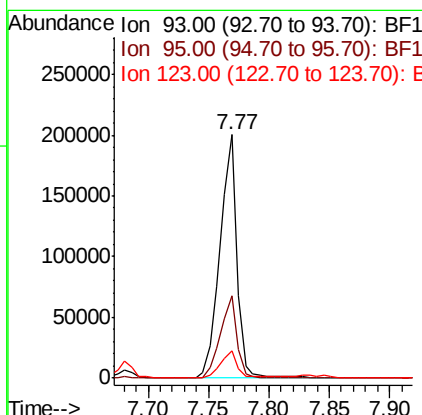
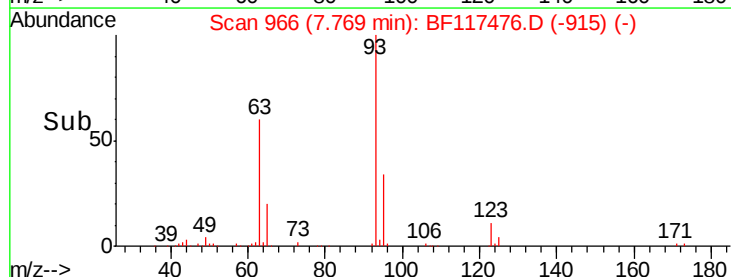
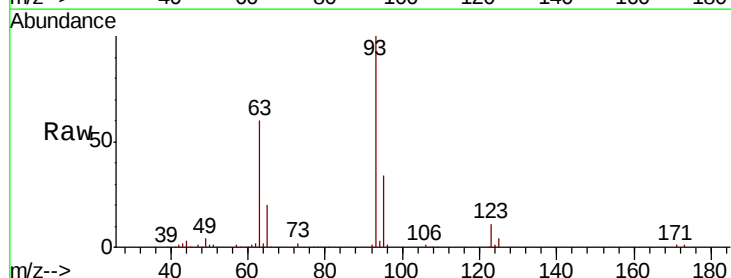
Manual Integrations
 APPROVED

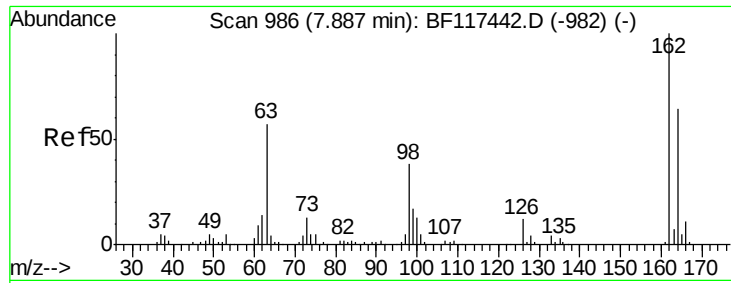
mohammad
 10/23/2019 8:06:01 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.600 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195044		
95	33.6	25.5	38.3	
123	11.2	9.0	13.6	





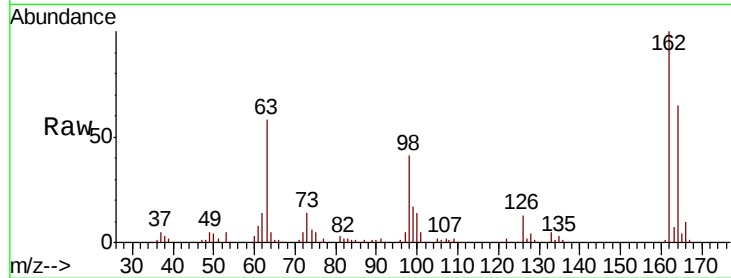
#29
2,4-Dichlorophenol
Concen: 42.110 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

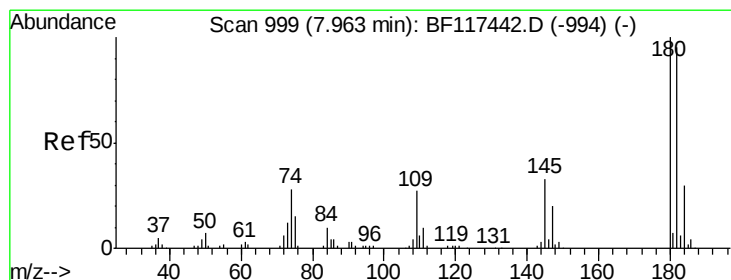
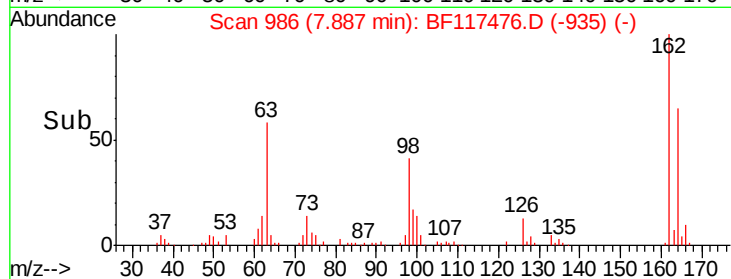
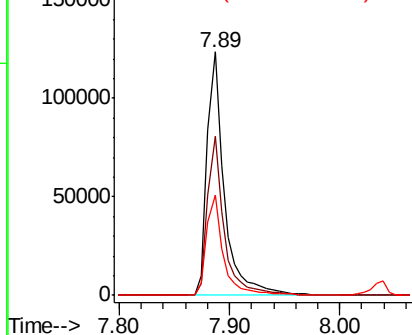
Tot Ion:	162	Resp:	130107
Ion Ratio	Lower	Upper	
162	100		
164	65.4	44.4	84.4
98	41.0	18.2	58.2

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

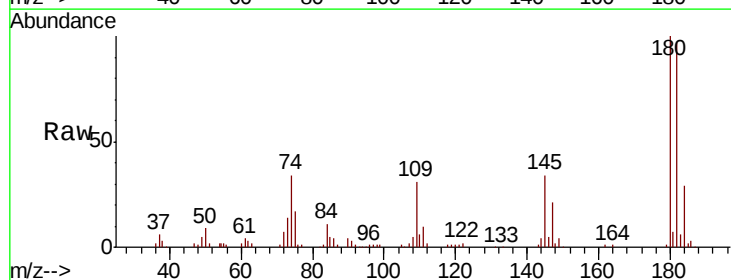


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

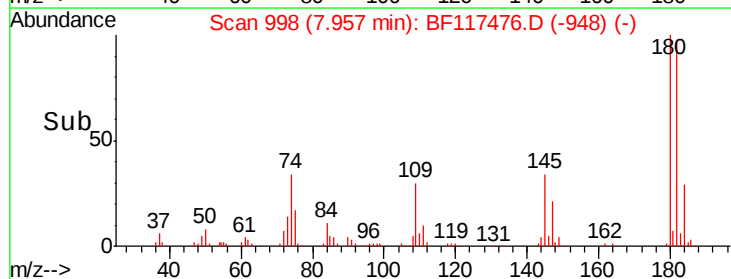
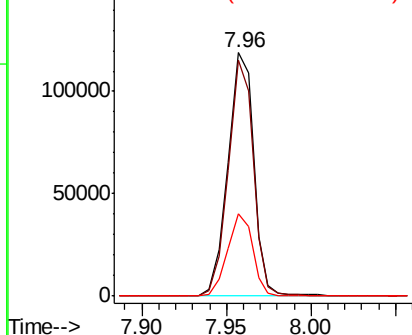


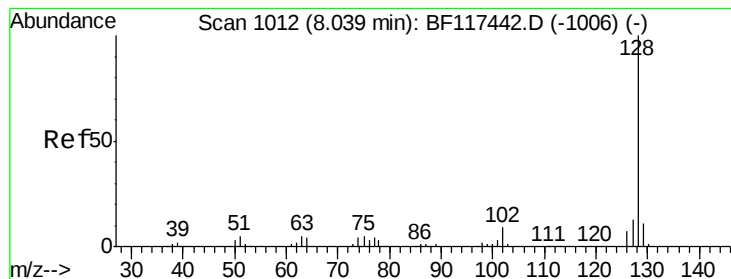
#30
1,2,4-Trichlorobenzene
Concen: 38.102 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion:	180	Resp:	126332
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.8	113.8
145	33.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.675 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

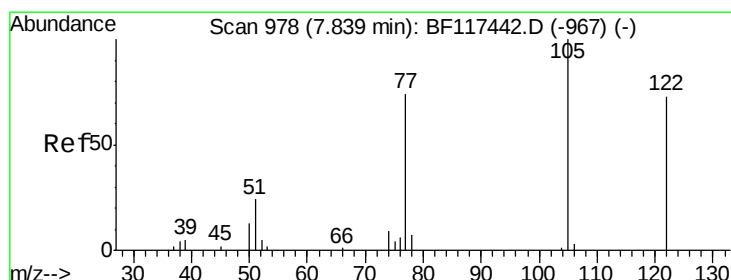
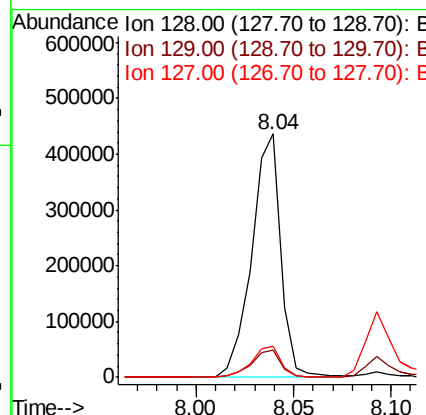
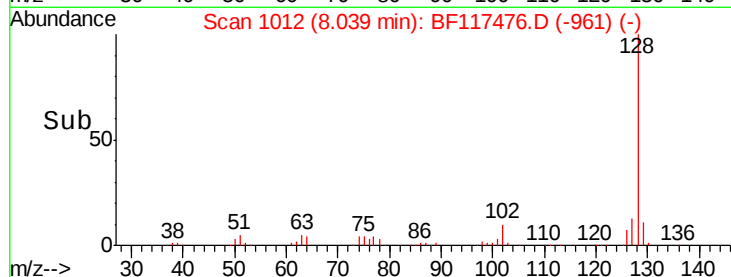
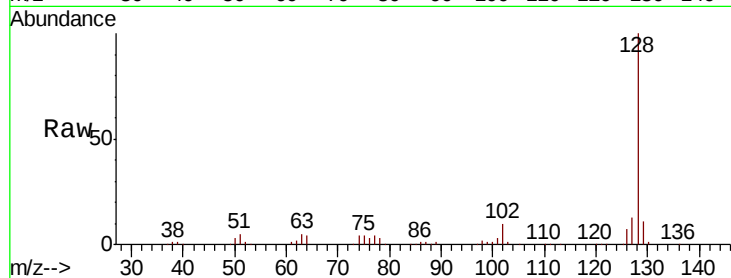
ClientSampleId :

PB124094BS

Tot Ion:	128	Resp:	447958
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	12.7	10.2	15.2

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#32

Benzoic acid

Concen: 40.081 ng

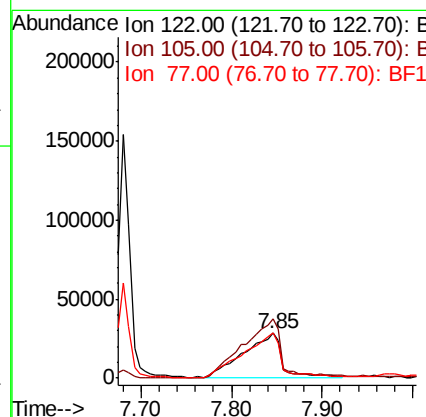
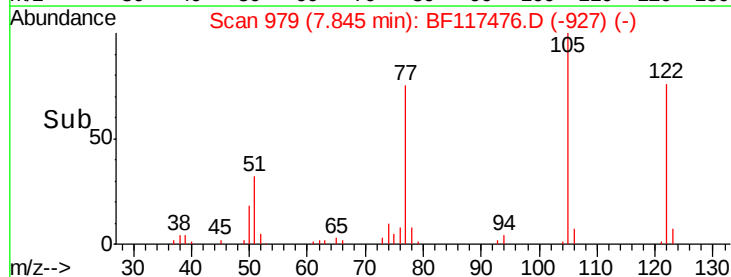
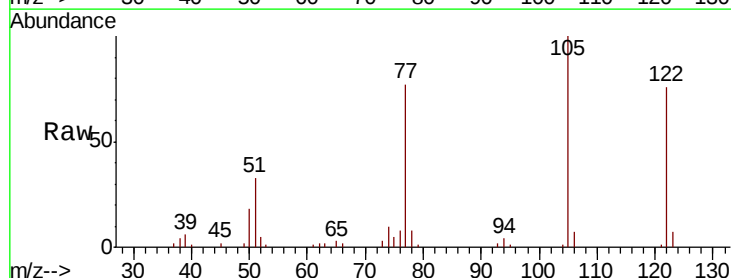
RT: 7.85 min Scan# 979

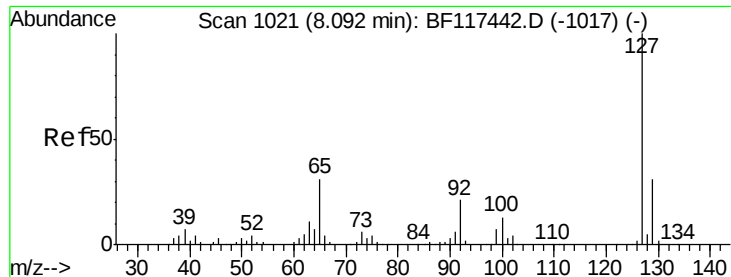
Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	122	Resp:	80868
Ion Ratio	Lower	Upper	
122	100		
105	131.0	115.0	155.0
77	100.4	79.7	119.7





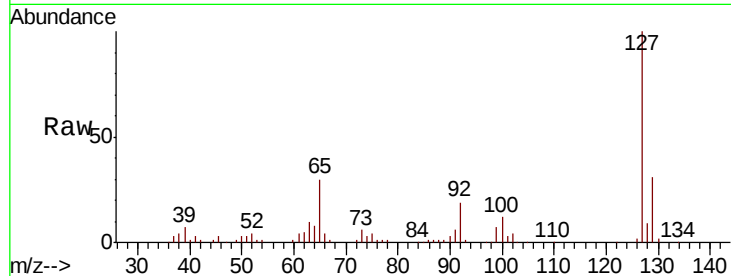
#33
4-Chloroaniline
Concen: 26.475 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

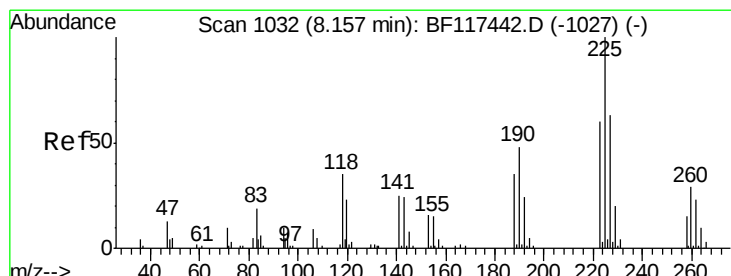
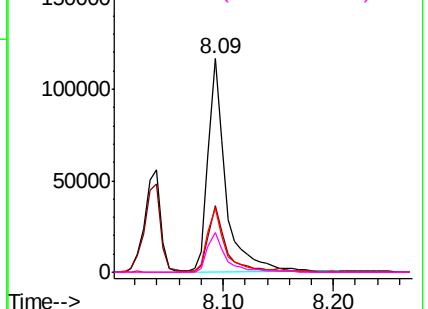
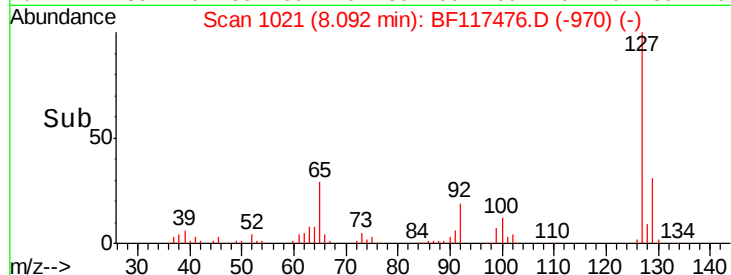
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	24.8	37.2	
65	29.8	24.6	37.0	
92	18.8	16.5	24.7	

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

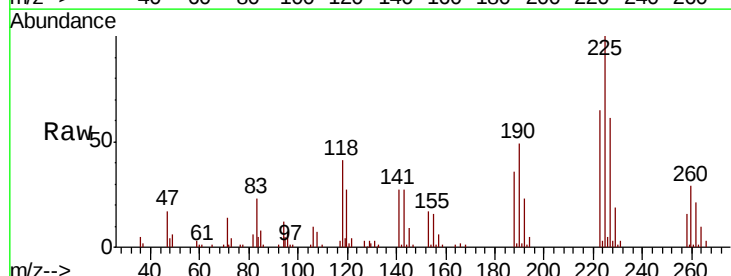


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

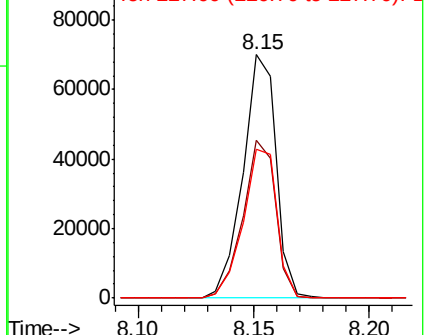
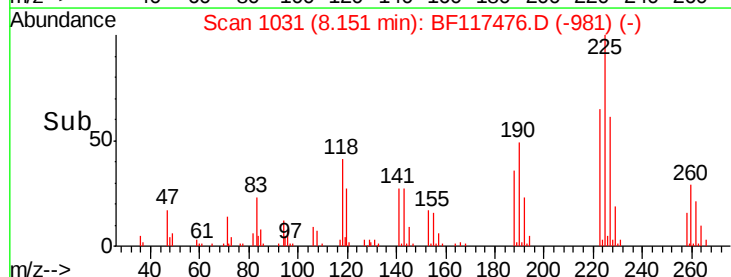


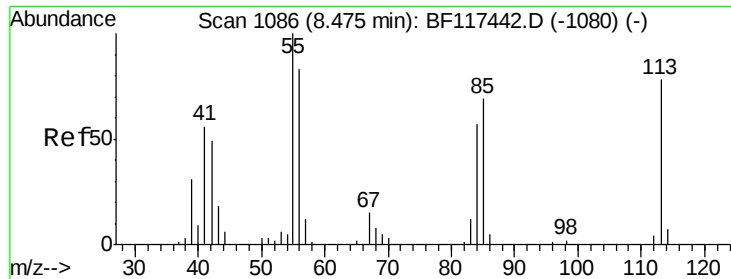
#34
Hexachlorobutadiene
Concen: 36.639 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.9	48.2	72.4	
227	61.3	50.2	75.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





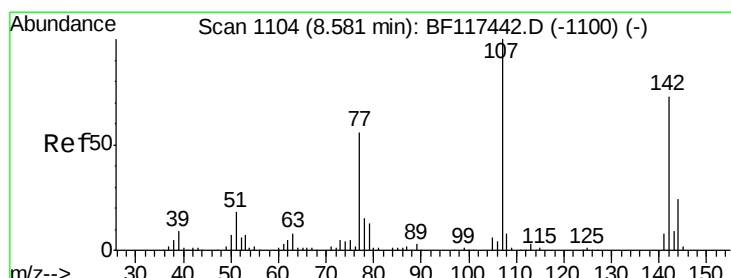
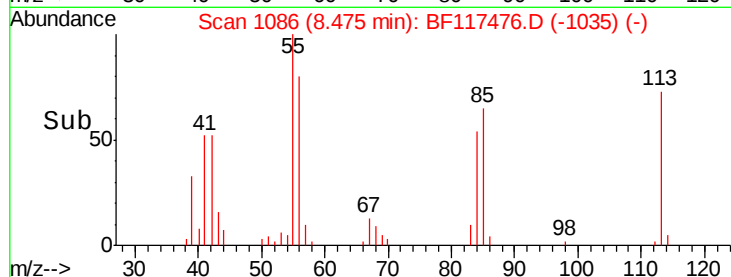
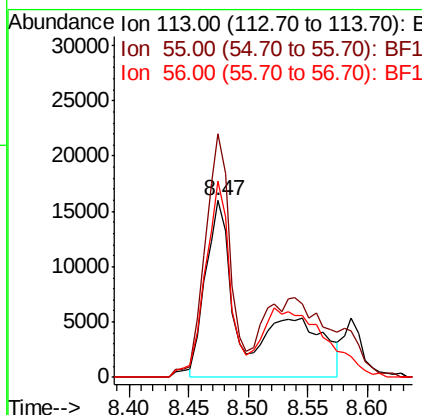
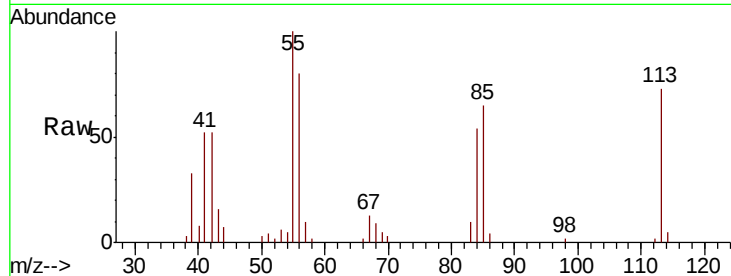
#35
 Caprolactam
 Concen: 42.136 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	137.7	108.8	148.8	
56	110.7	87.2	127.2	

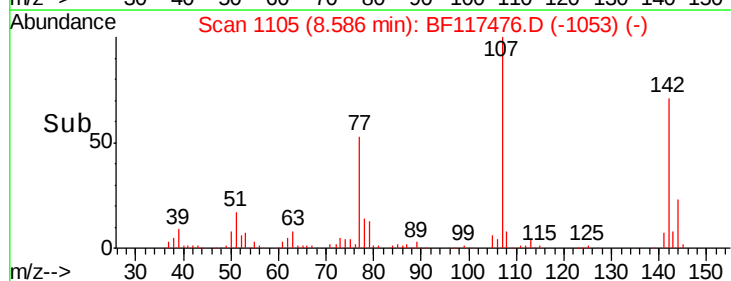
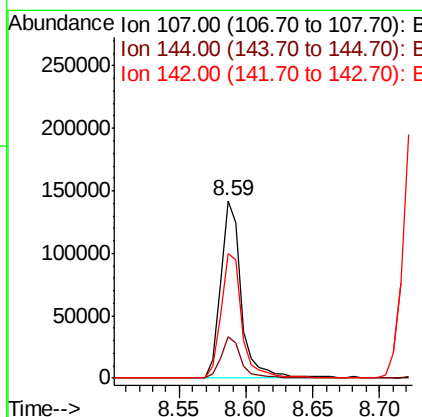
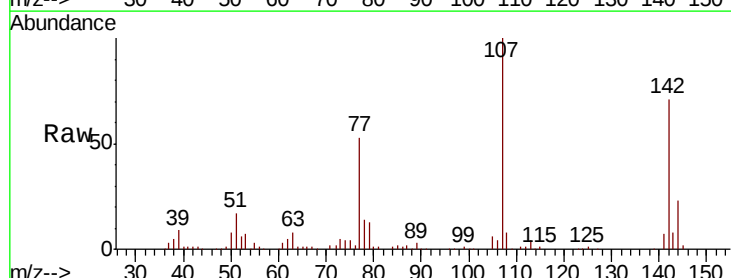
Manual Integrations
 APPROVED

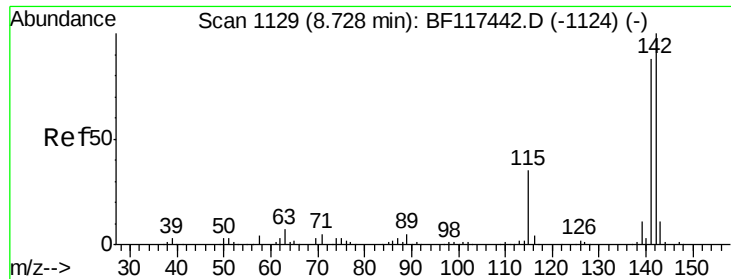
mohammad
 10/23/2019 8:06:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 44.020 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.0	18.9	28.3	
142	70.6	58.6	88.0	





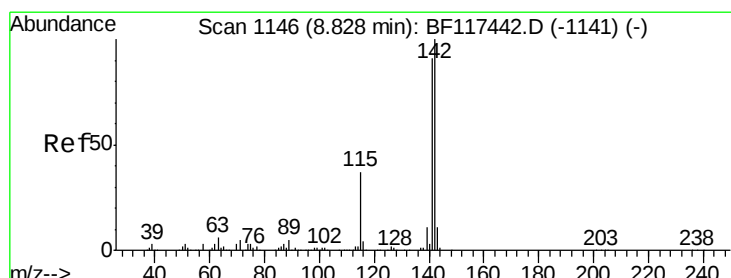
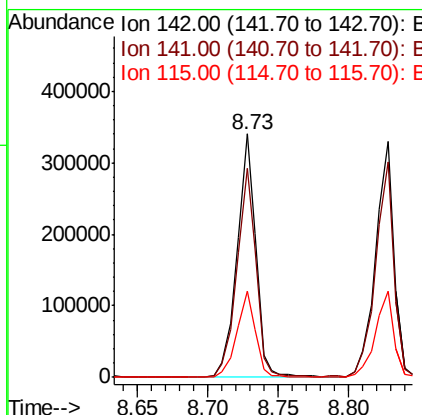
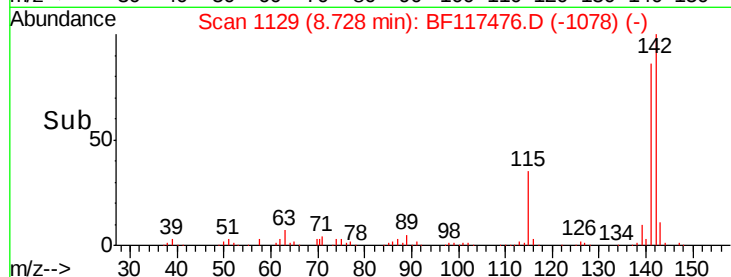
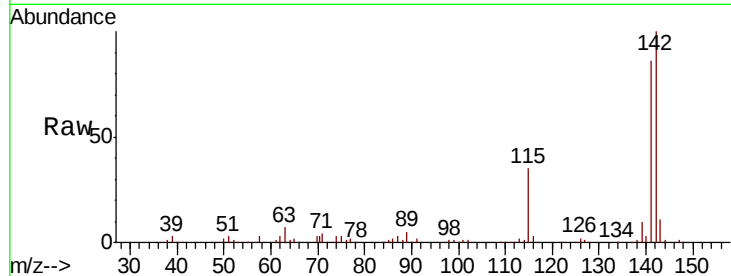
#37
2-Methylnaphthalene
Concen: 41.175 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.3	105.5
115	35.3	28.2	42.2

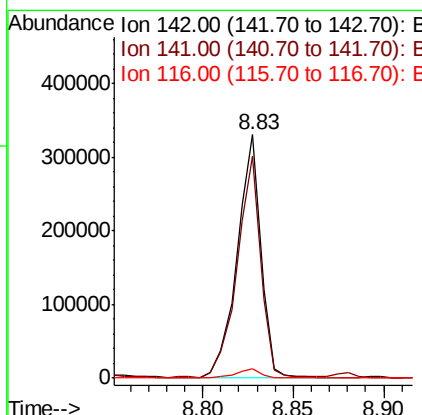
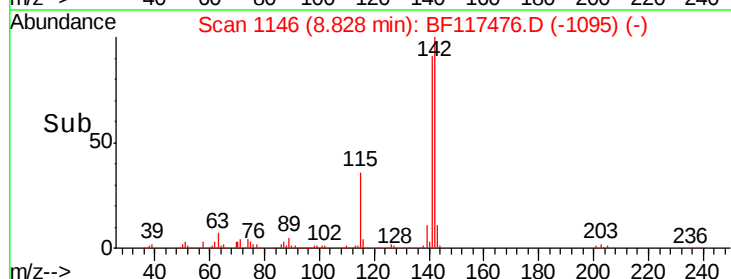
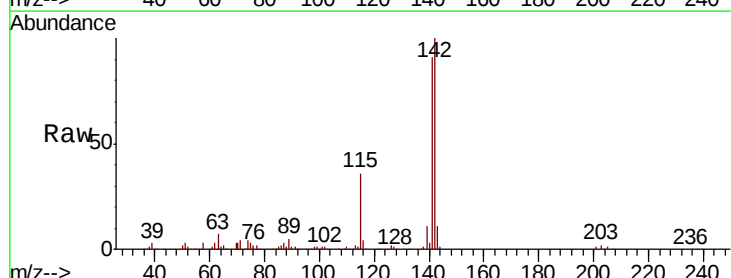
Manual Integrations
APPROVED

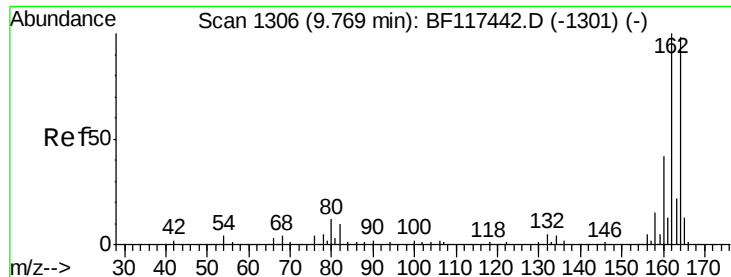
mohammad
10/23/2019 8:06:01 AM



#38
1-Methylnaphthalene
Concen: 41.776 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.3	109.9
116	3.9	3.1	4.7





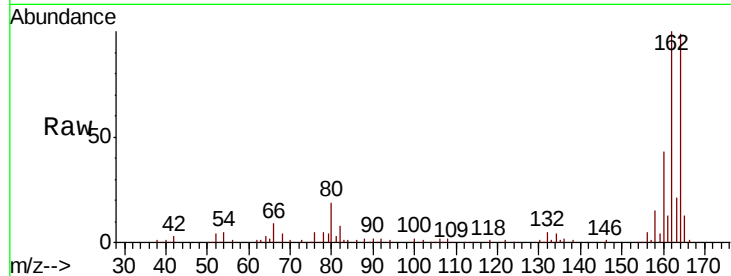
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	43.9	34.4	51.6

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

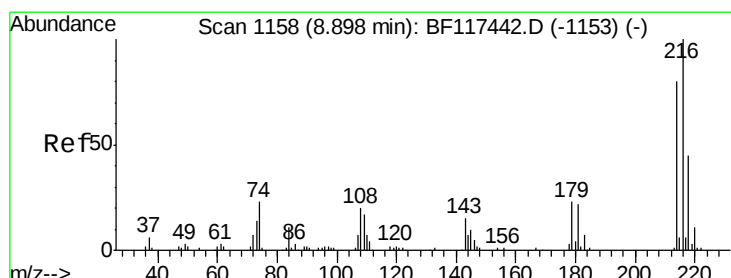
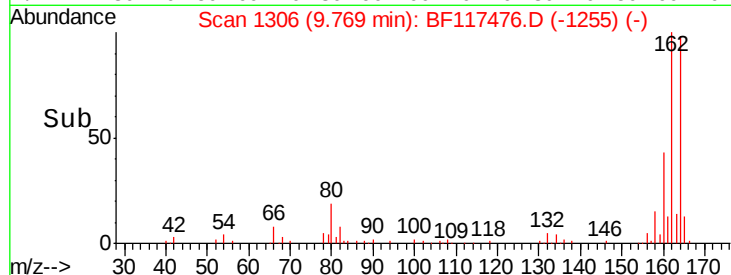
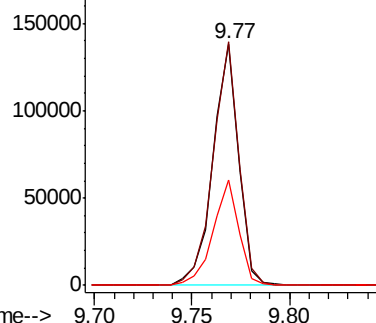


Abundance

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: 36.019 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.4	93.6
179	23.3	18.1	27.1
108	22.2	16.6	24.8

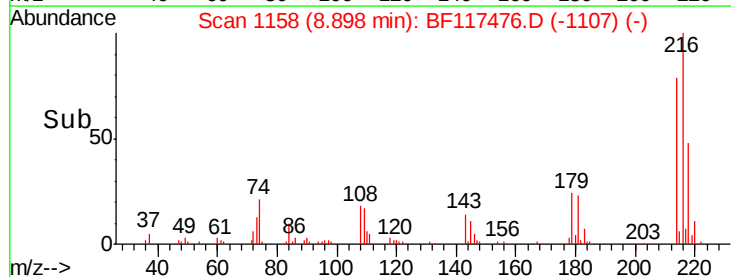
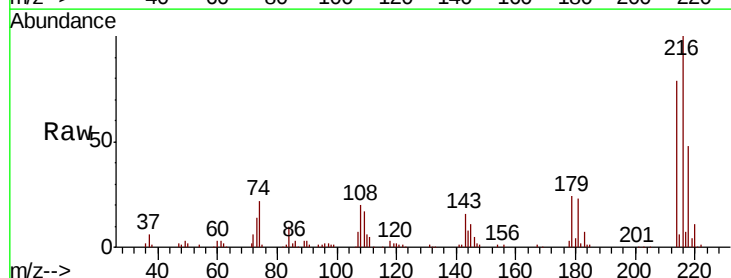
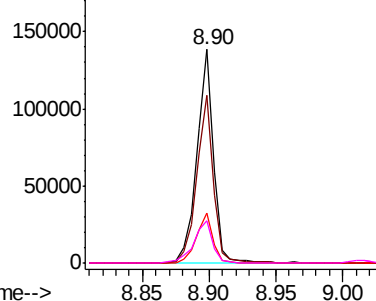
Abundance

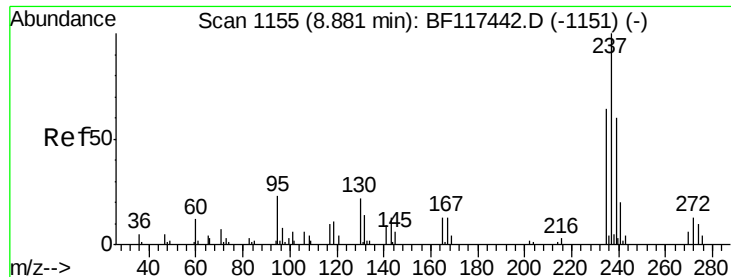
Ion 216.00 (215.70 to 216.70): E

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





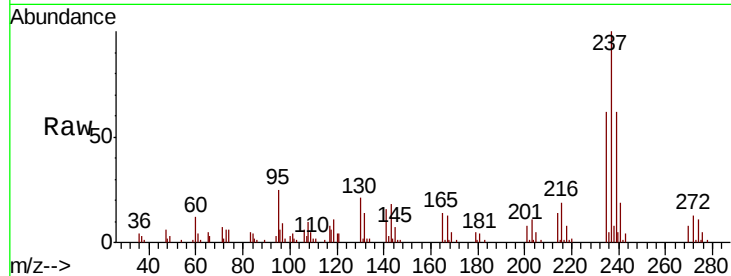
#41
Hexachlorocyclopentadiene
Concen: 55.658 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

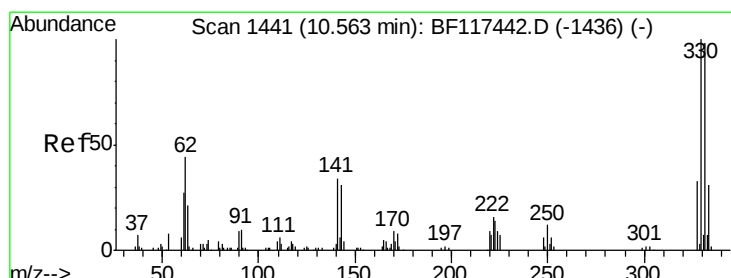
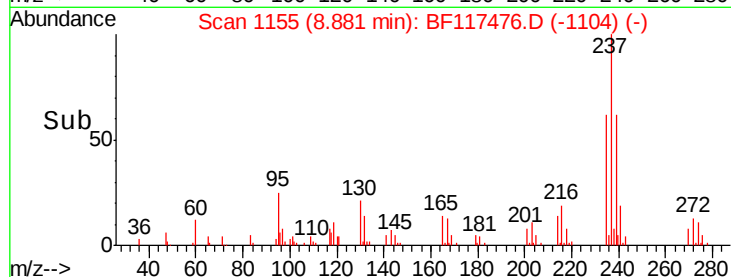
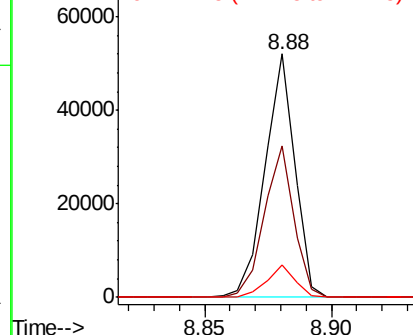
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	44.3	84.3	
272	13.1	0.0	33.2	

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

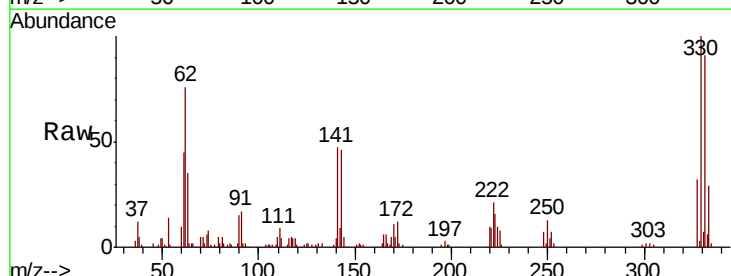


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

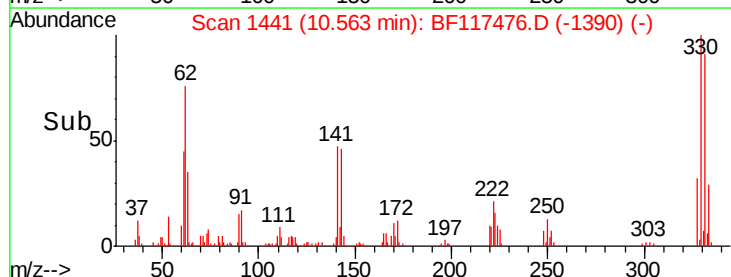
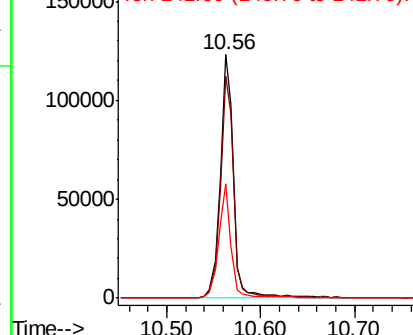


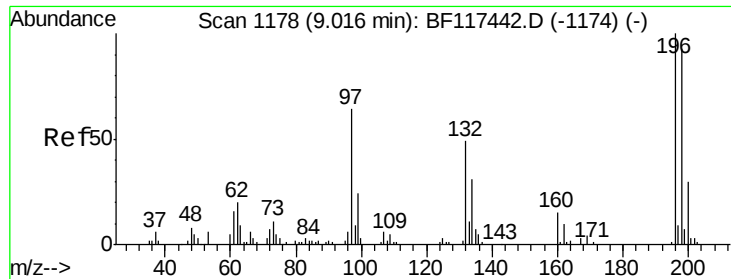
#42
2,4,6-Tribromophenol
Concen: 112.524 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.5	78.5	117.7	
141	44.0	37.0	55.6	



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





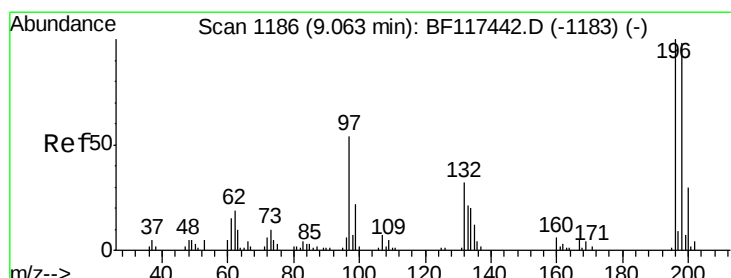
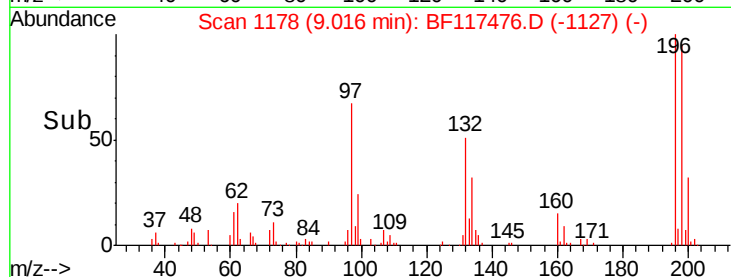
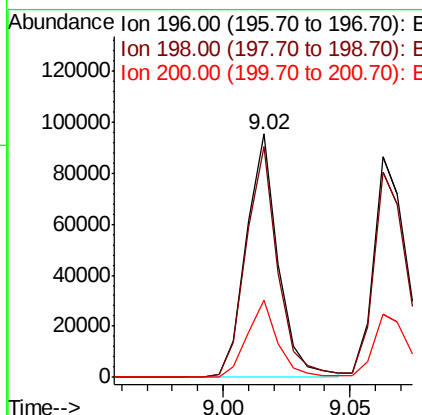
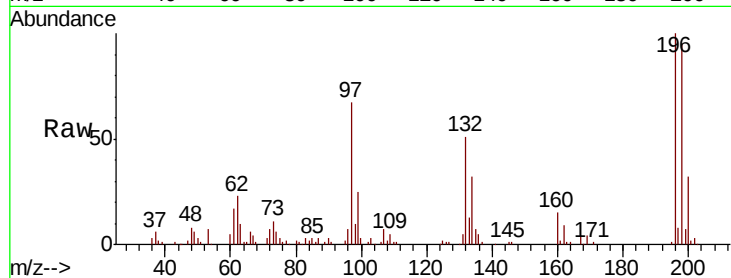
#43
 2,4,6-Trichlorophenol
 Concen: 39.452 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:	196	Resp:	83626
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.1	111.1
200	31.8	23.9	35.9

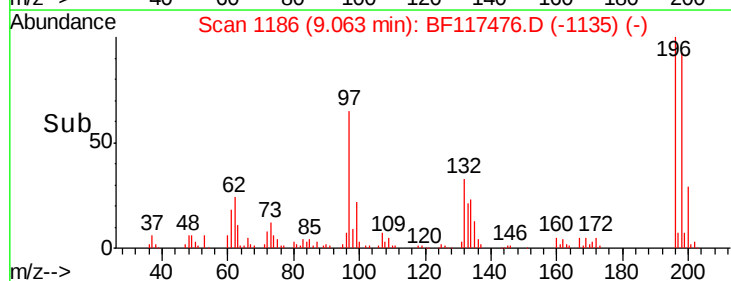
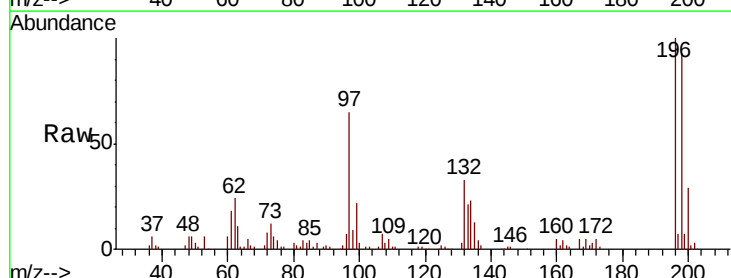
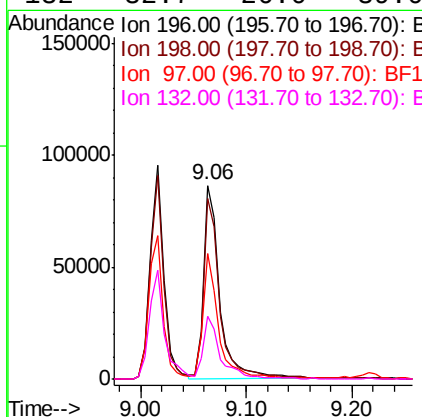
Manual Integrations
 APPROVED

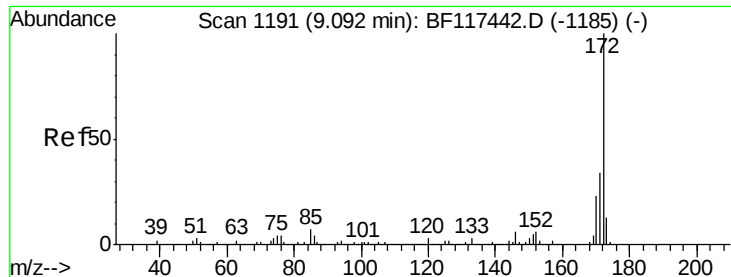
mohammad
 10/23/2019 8:06:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.408 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:	196	Resp:	91090
Ion Ratio	Lower	Upper	
196	100		
198	92.9	78.6	117.8
97	64.6	43.4	65.2
132	32.7	26.0	39.0





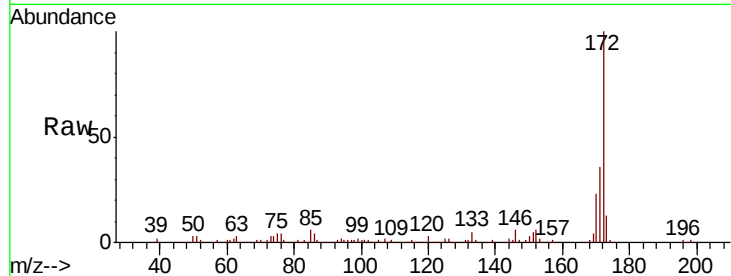
#45
2-Fluorobiphenyl
Concen: 57.635 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.5	41.3
170	22.8	18.6	27.8

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

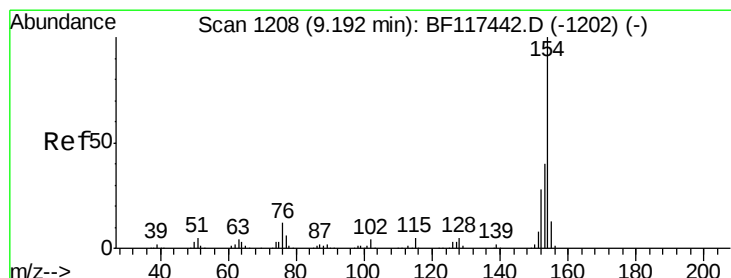
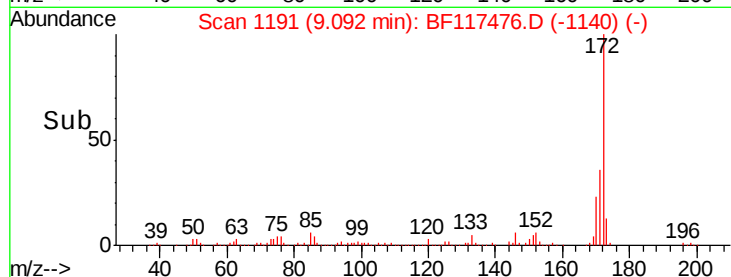
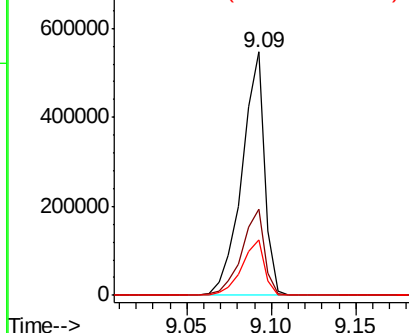


Abundance

Ion 172.00 (171.70 to 172.70): E

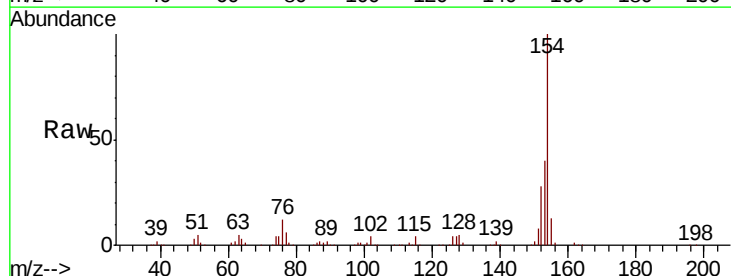
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.460 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.2	60.2
76	12.4	0.0	32.1

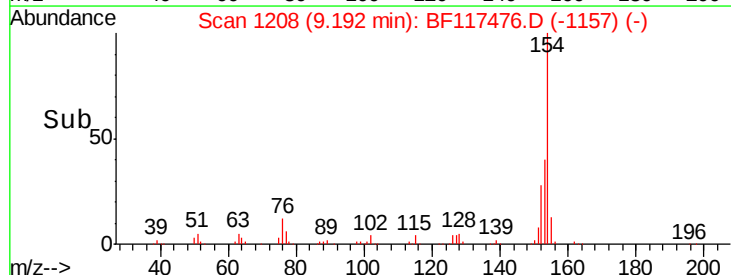
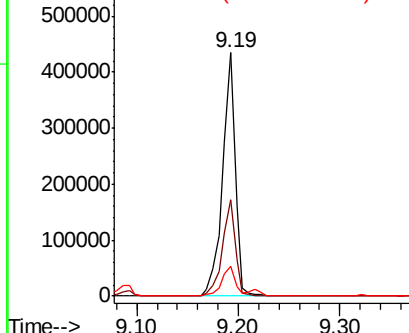


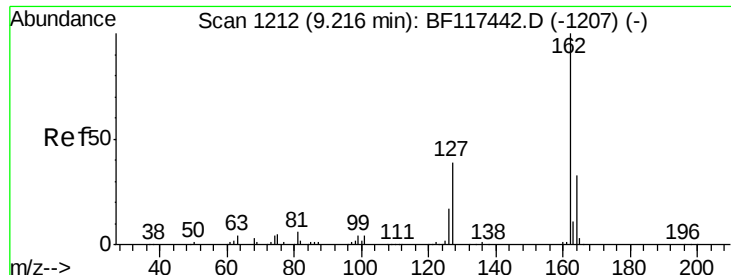
Abundance

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





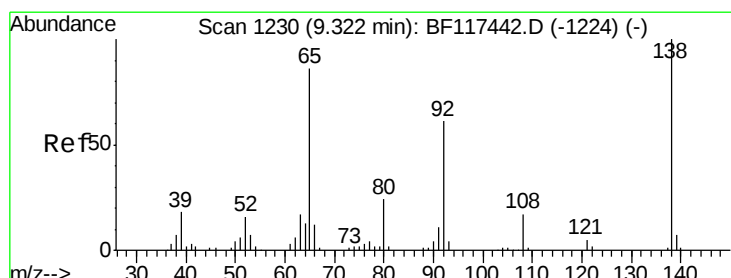
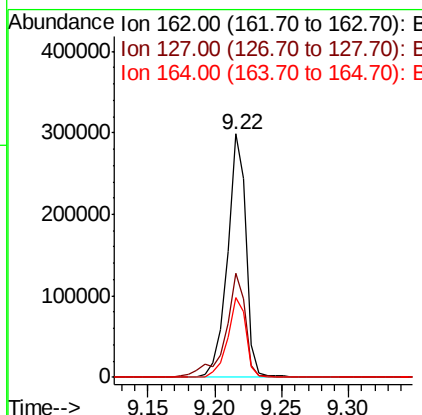
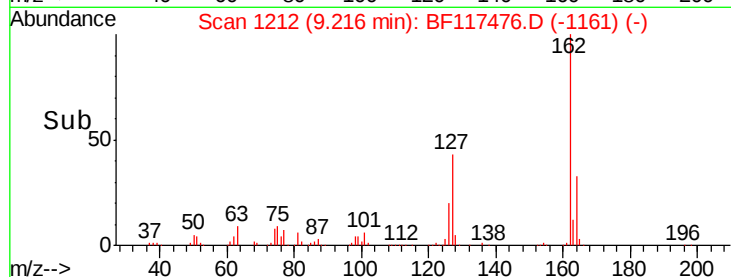
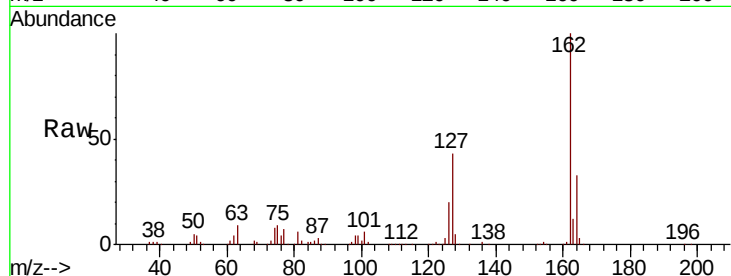
#47
2-Chloronaphthalene
Concen: 37.461 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	34.2	51.4	
164	32.7	26.4	39.6	

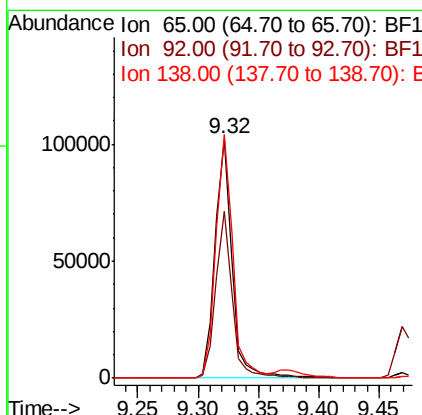
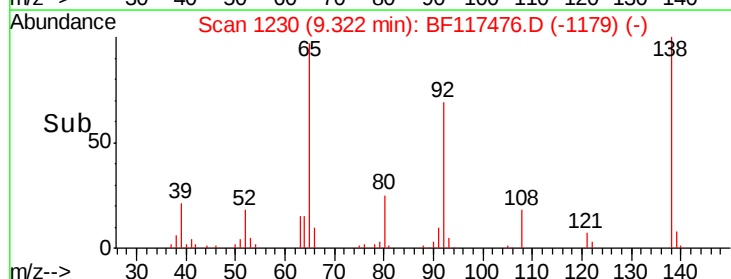
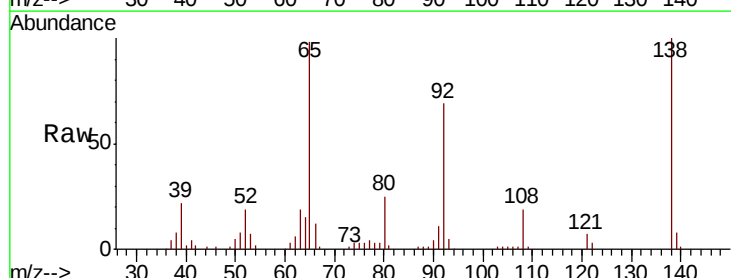
Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#48
2-Nitroaniline
Concen: 38.326 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.0	57.3	85.9	
138	102.1	93.3	139.9	





#49

Acenaphthylene

Concen: 39.796 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

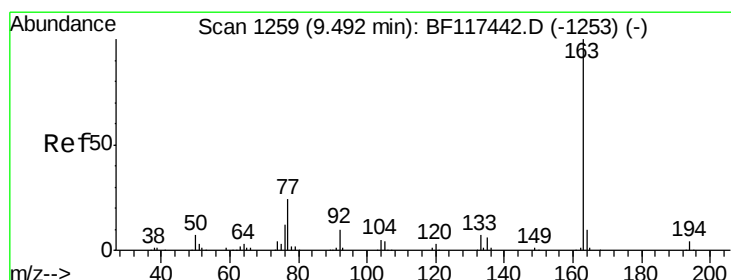
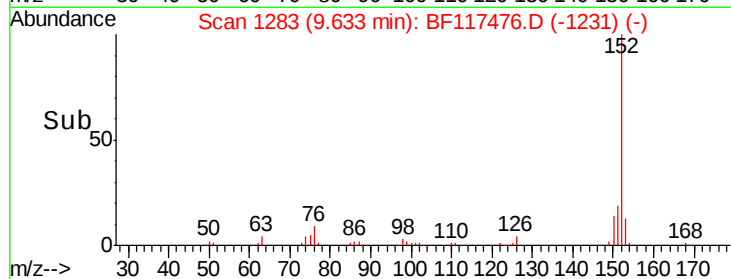
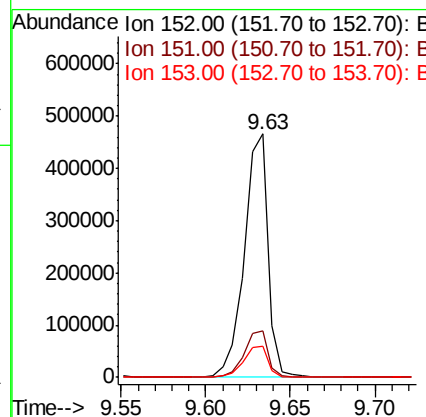
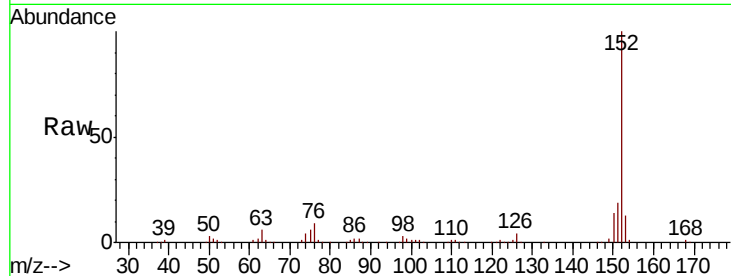
ClientSampleId :

PB124094BS

Tot Ion:	152	Resp:	458533
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.4	23.0
153	12.9	10.3	15.5

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



#50

Dimethylphthalate

Concen: 40.024 ng

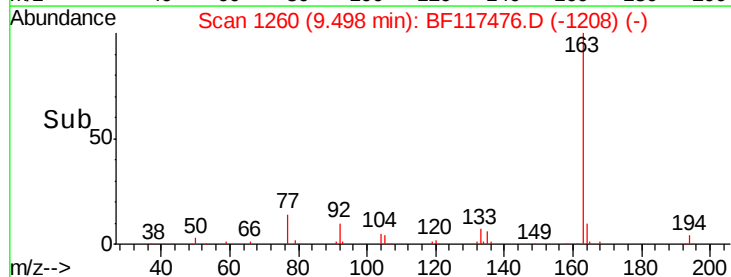
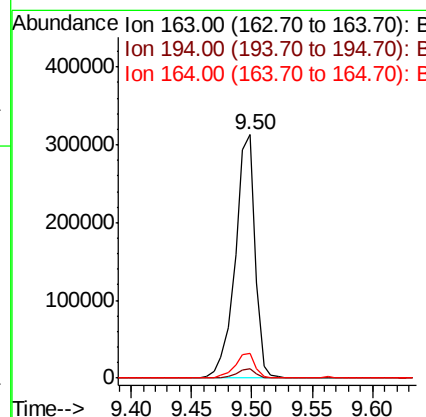
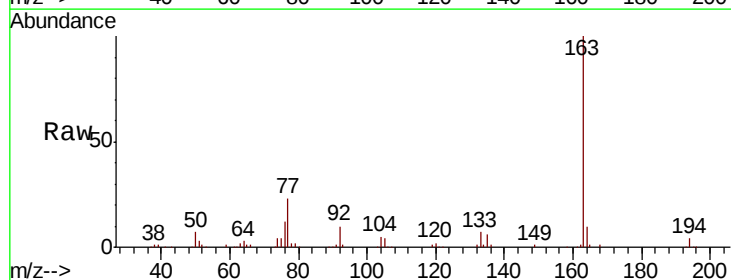
RT: 9.50 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Tgt Ion:	163	Resp:	358579
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.0	8.2	12.2





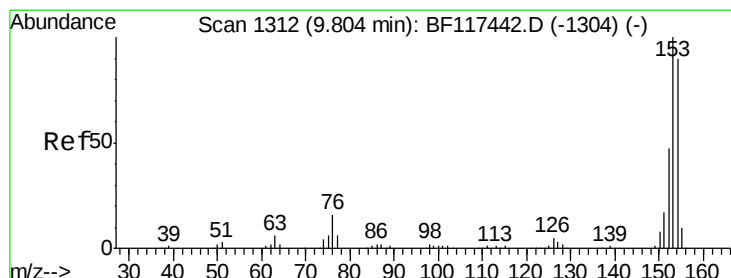
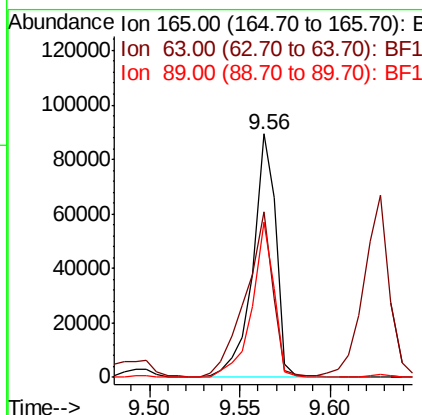
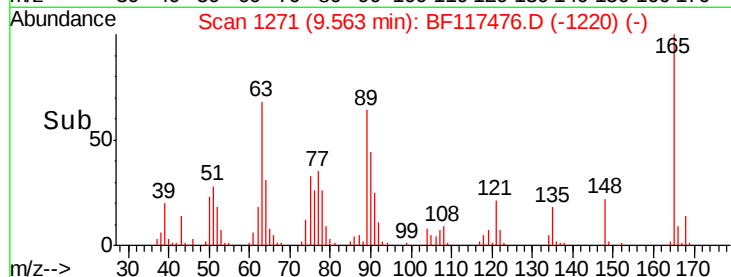
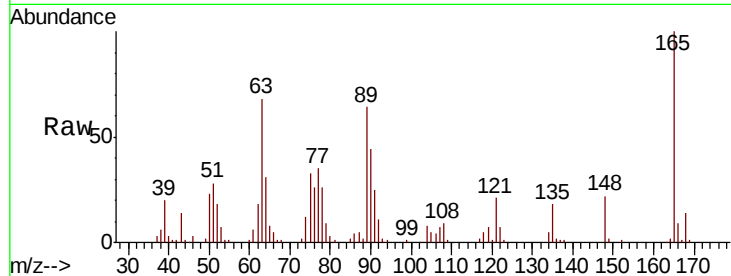
#51
 2,6-Dinitrotoluene
 Concen: 42.423 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion:	165	Resp:	79311
Ion Ratio	Lower	Upper	
165	100		
63	68.1	43.8	65.8#
89	63.8	47.6	71.4

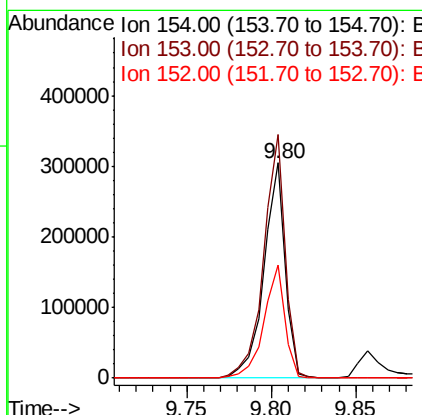
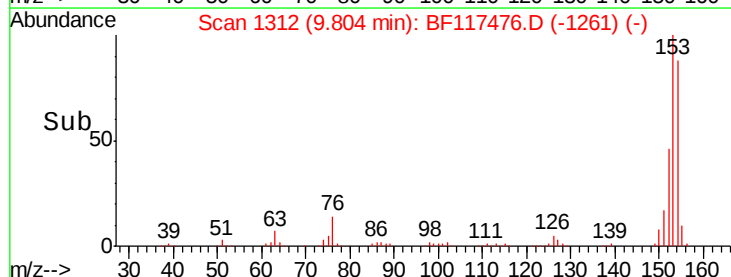
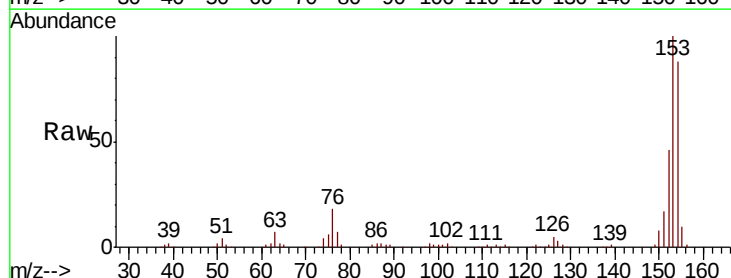
Manual Integrations
 APPROVED

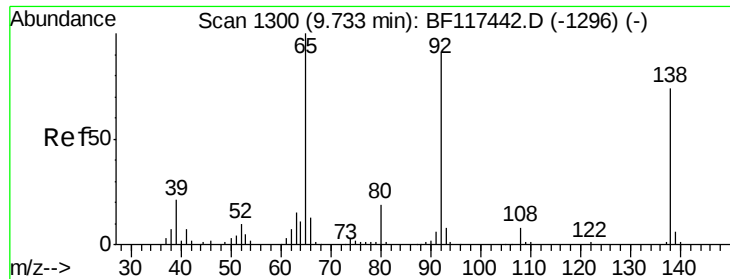
mohammad
 10/23/2019 8:06:01 AM



#52
 Acenaphthene
 Concen: 37.608 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion:	154	Resp:	265855
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.2	133.8
152	52.2	41.8	62.6





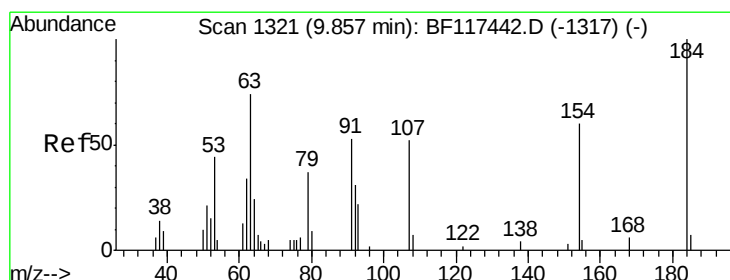
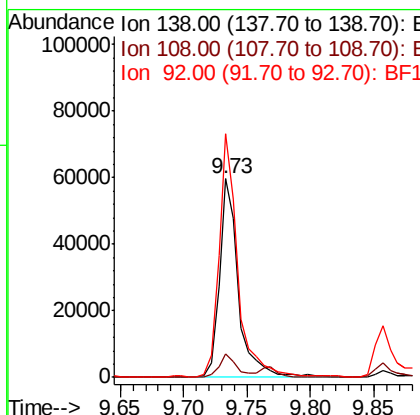
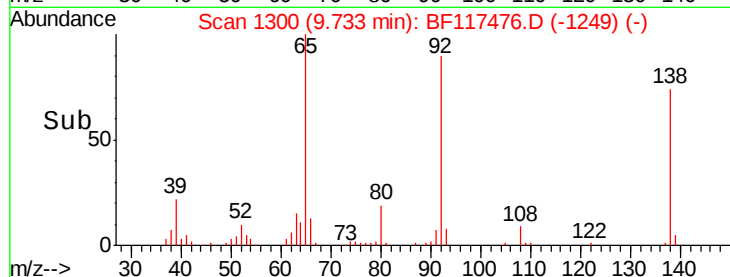
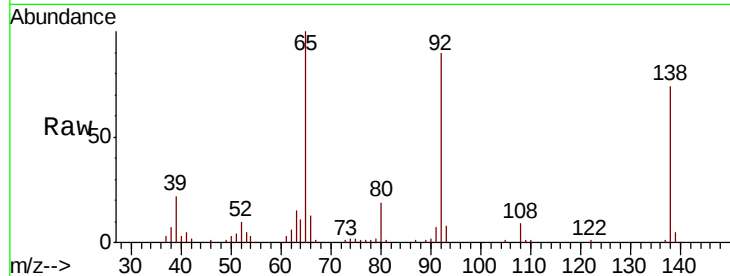
#53
3-Nitroaniline
Concen: 27.606 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.7	13.1
92	122.5	98.4	147.6

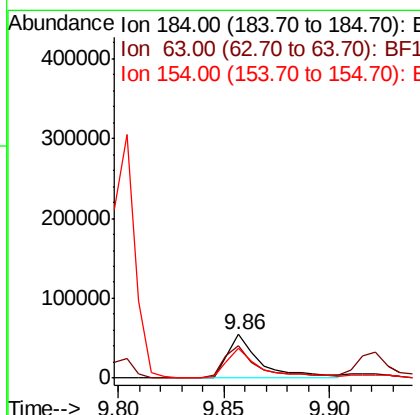
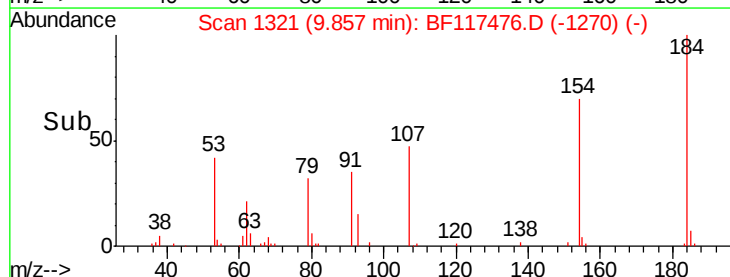
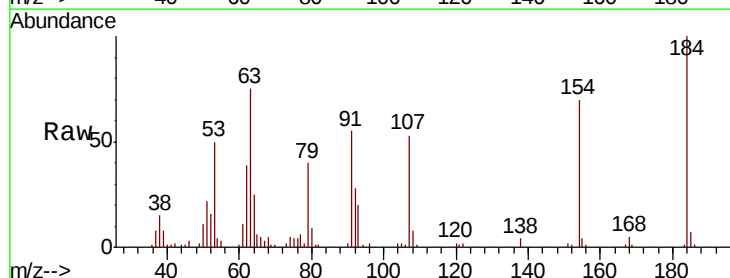
Manual Integrations
APPROVED

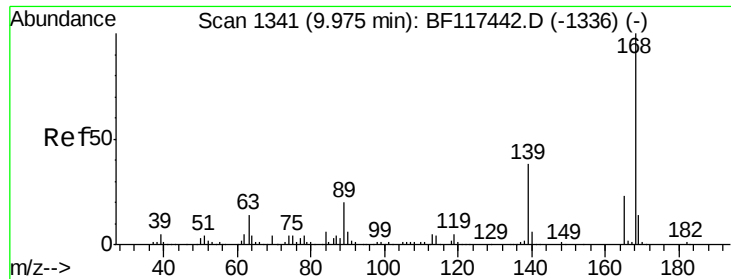
mohammad
10/23/2019 8:06:01 AM



#54
2,4-Dinitrophenol
Concen: 76.449 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.9	59.2	88.8
154	69.5	53.4	80.0





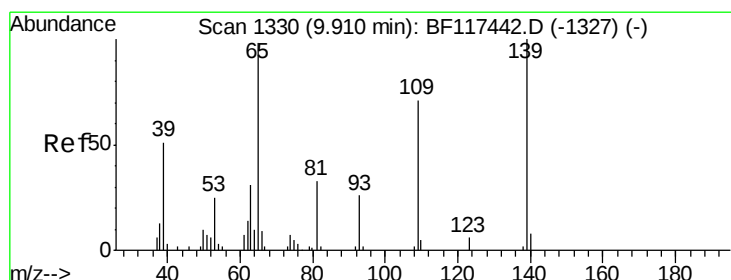
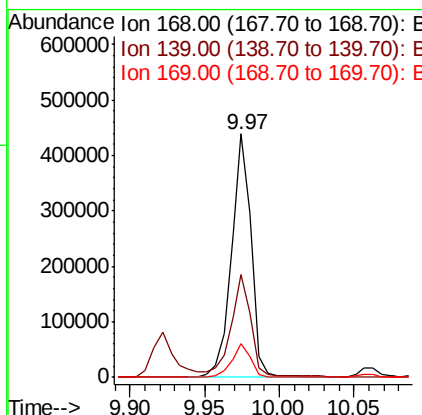
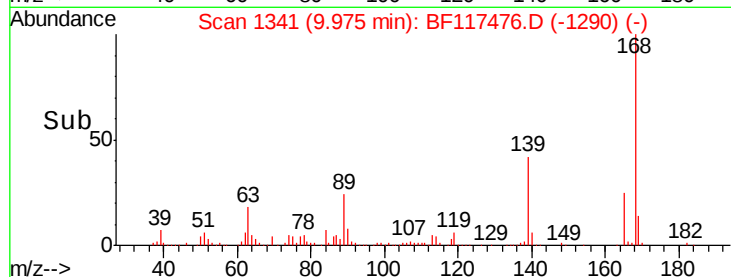
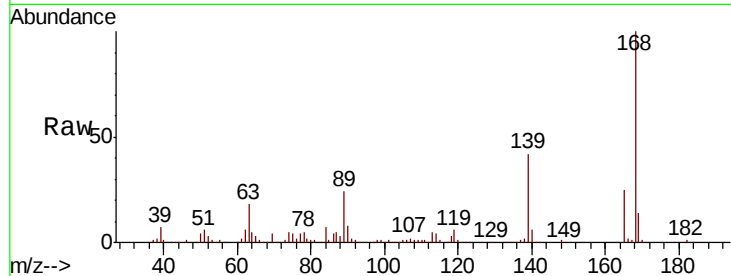
#55
Dibenzofuran
Concen: 39.994 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	31.8	47.6
169	13.6	11.2	16.8

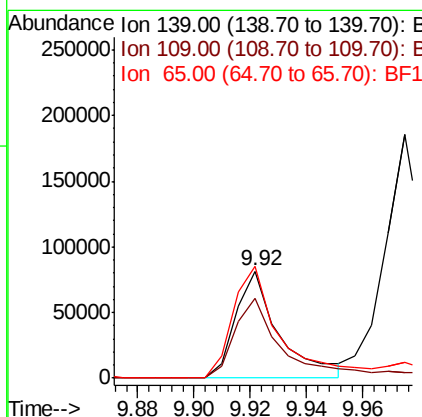
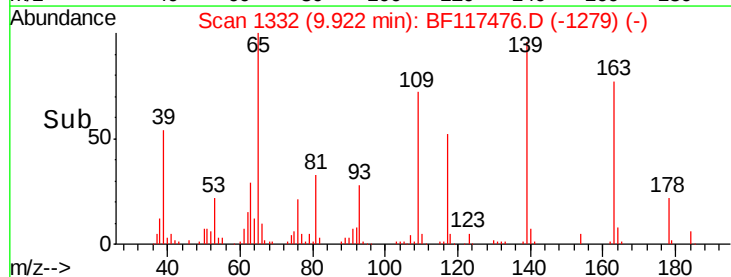
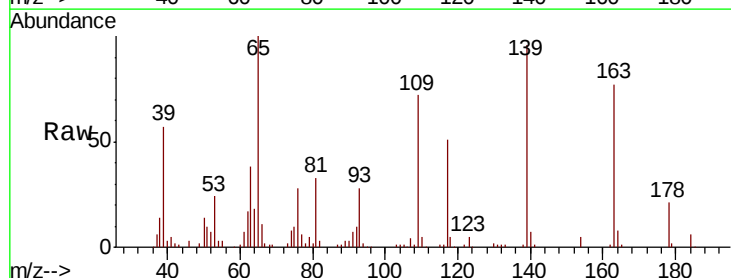
Manual Integrations
APPROVED

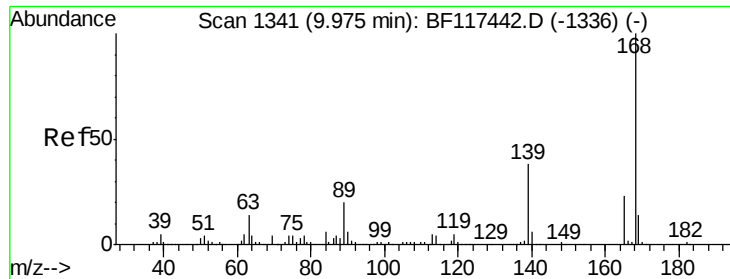
mohammad
10/23/2019 8:06:01 AM



#56
4-Nitrophenol
Concen: 83.706 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	51.4	91.4
65	104.5	79.4	119.4





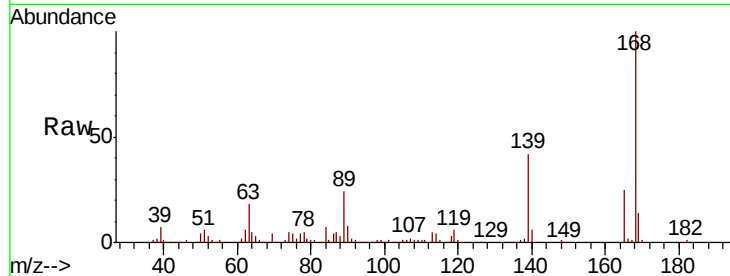
#57
2,4-Dinitrotoluene
Concen: 41.686 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	103616		
63	73.4		51.4	77.0
89	98.7		69.9	104.9
182	2.4		1.9	2.9

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



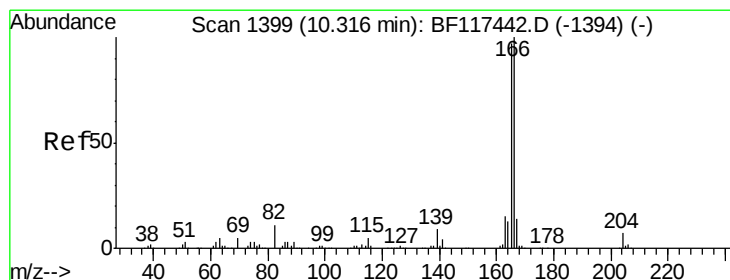
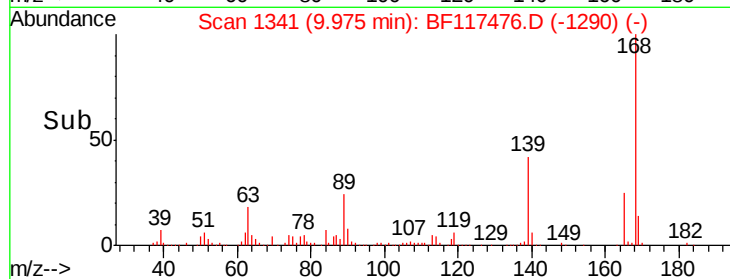
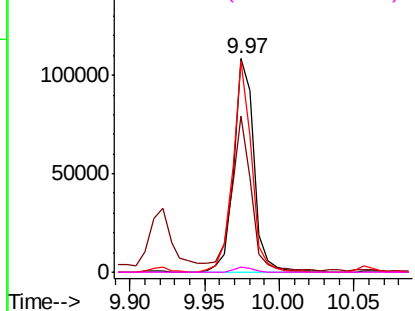
Abundance

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: 39.974 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

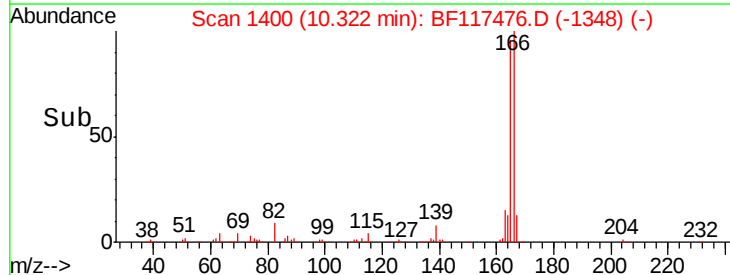
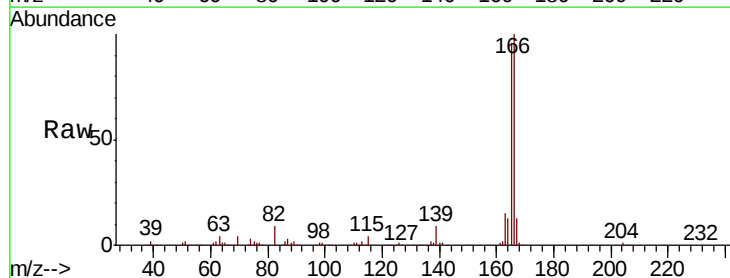
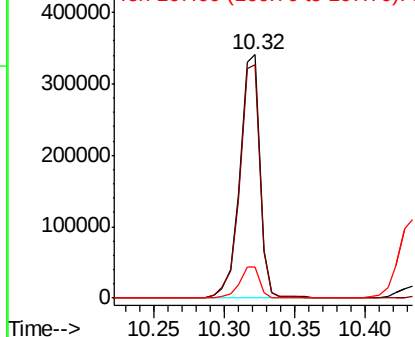
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	338567		
165	96.0		77.6	116.4
167	12.8		11.0	16.4

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





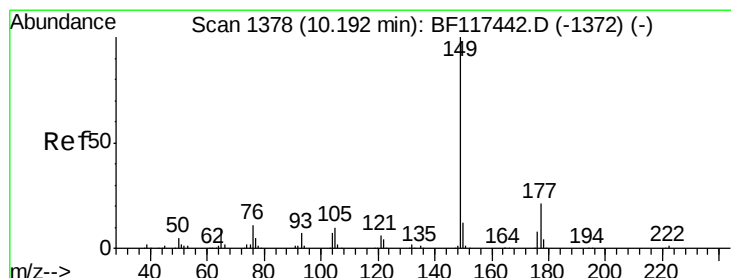
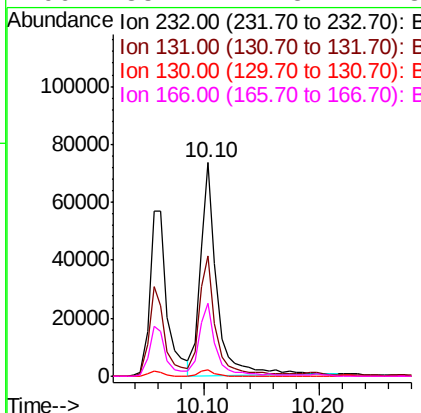
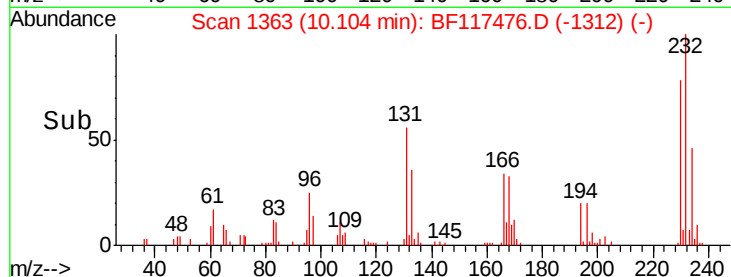
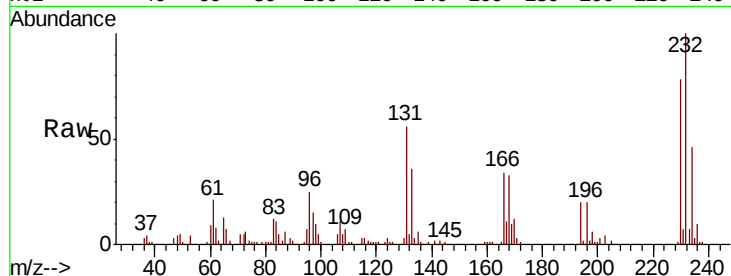
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.227 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.2	42.6	63.8
130	2.7	2.2	3.4
166	33.4	27.5	41.3

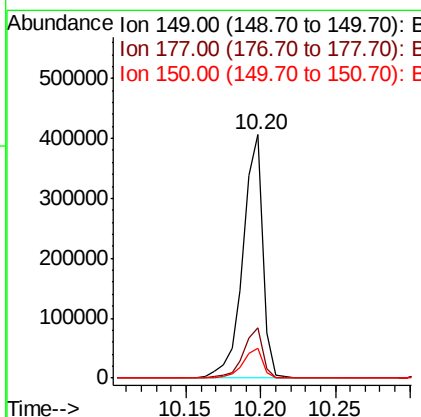
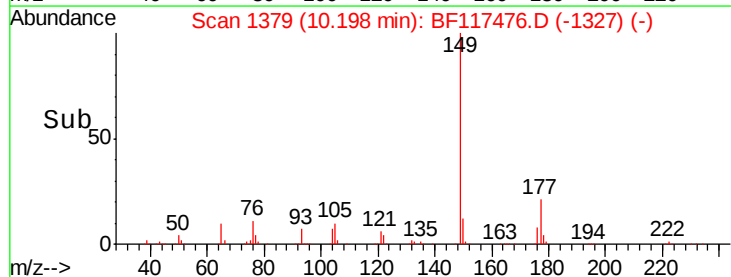
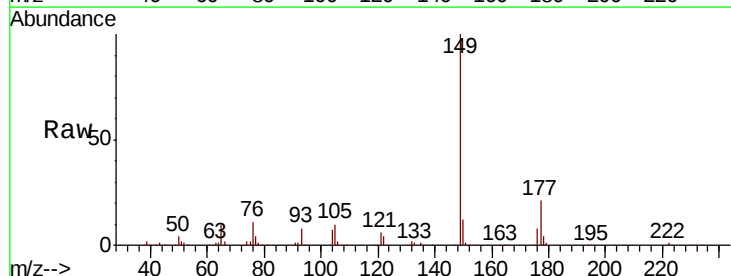
Manual Integrations
APPROVED

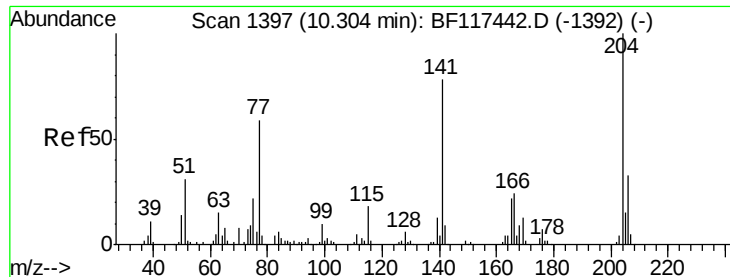
mohammad
10/23/2019 8:06:01 AM



#60
Diethylphthalate
Concen: 41.384 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.4
150	12.4	9.8	14.6





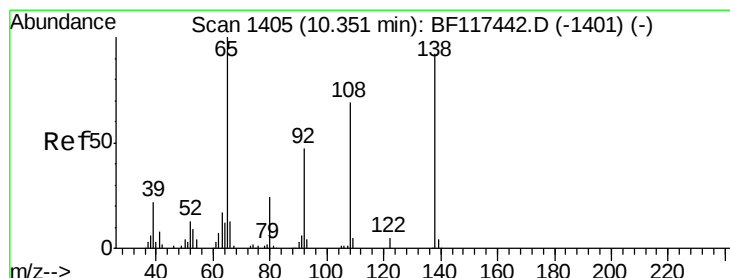
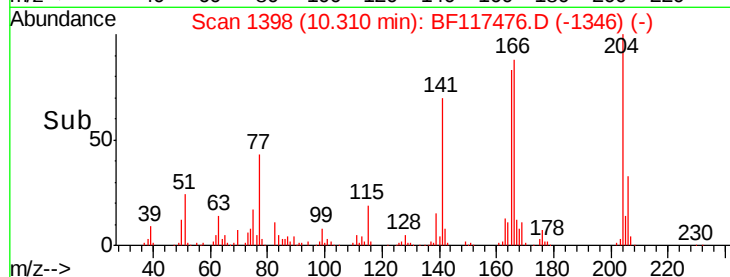
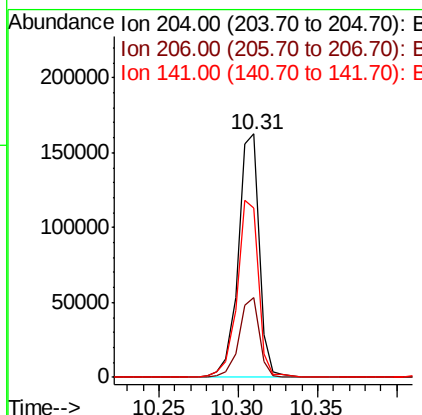
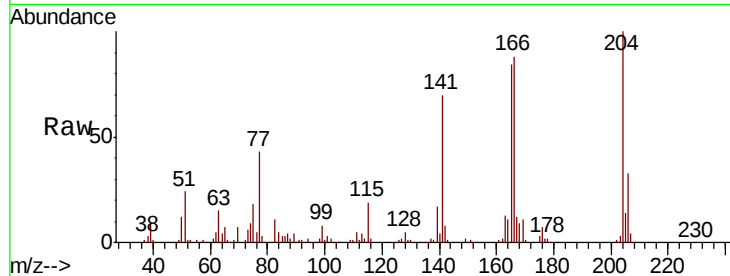
#61
4-Chlorophenyl-phenylether
Concen: 39.492 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	69.7	62.2	93.4

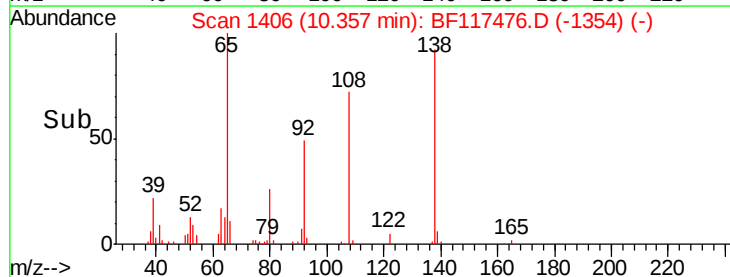
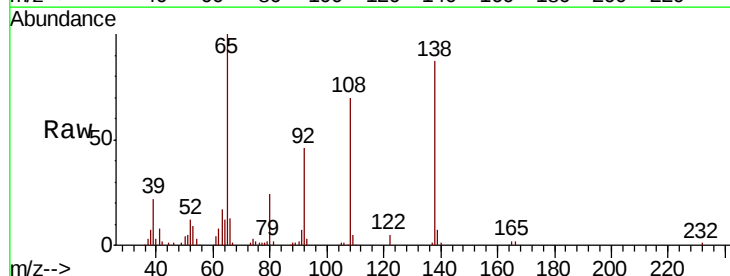
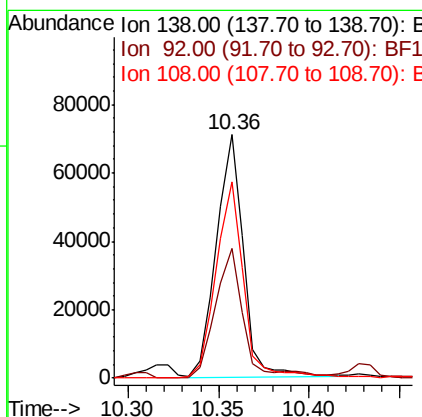
Manual Integrations
APPROVED

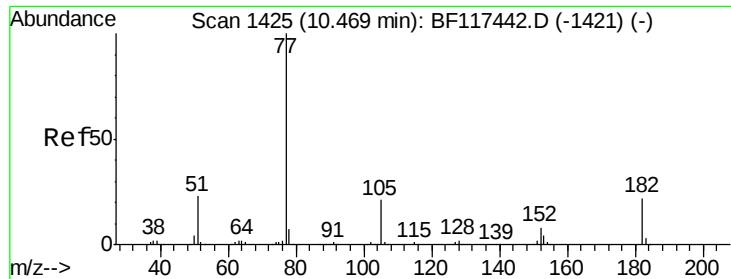
mohammad
10/23/2019 8:06:01 AM



#62
4-Nitroaniline
Concen: 34.171 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	30.3	70.3
108	80.5	54.9	94.9





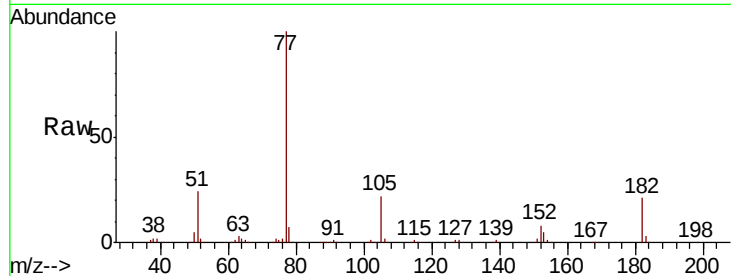
#63
Azobenzene
Concen: 41.736 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.2	2.3	42.3
105	21.9	1.3	41.3
51	24.0	3.5	43.5

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



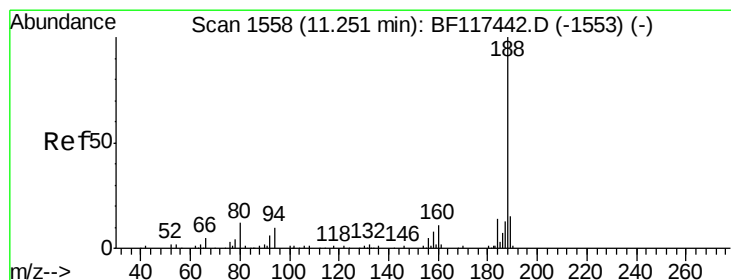
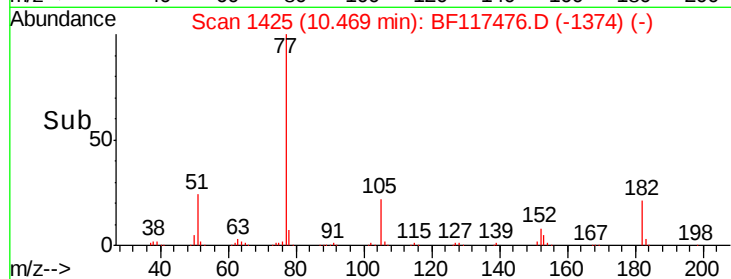
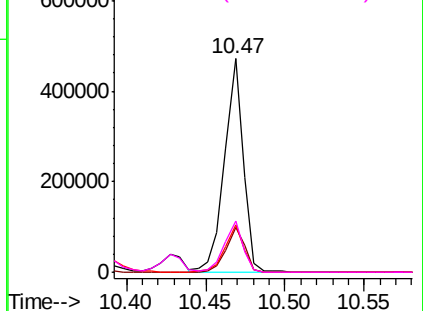
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

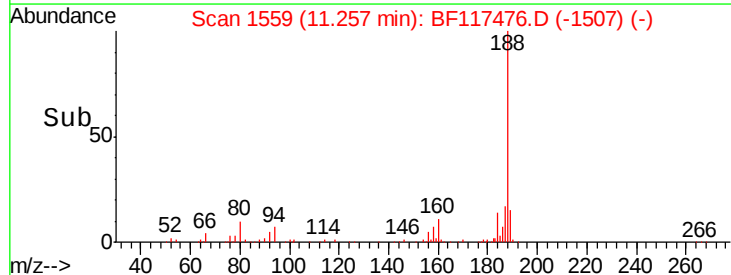
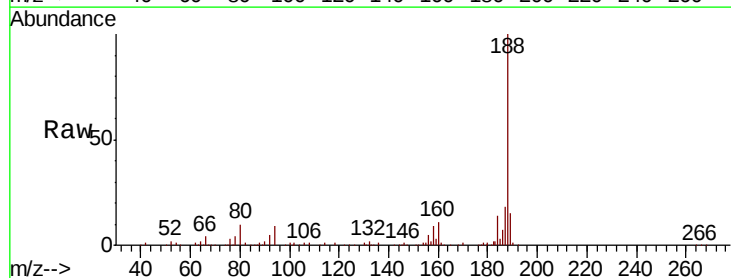
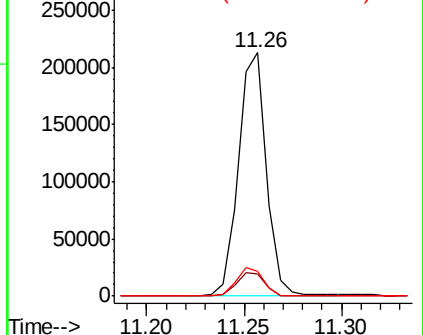
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	10.2	9.5	14.3

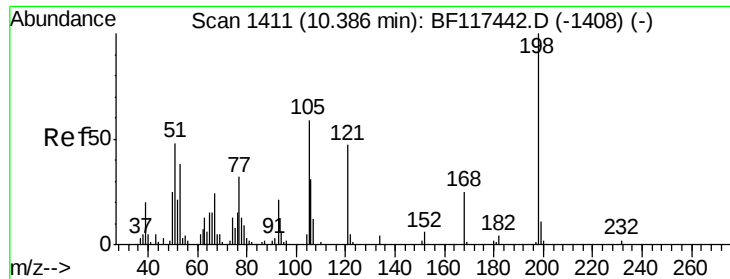
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





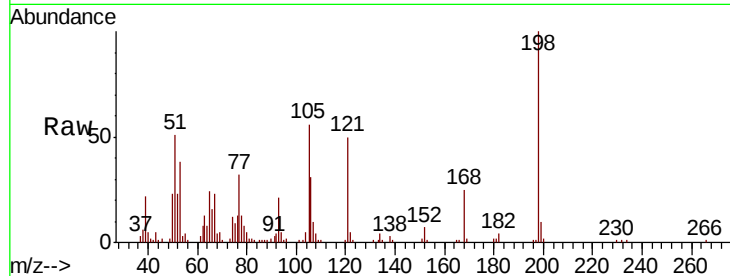
#65
4,6-Dinitro-2-methylphenol
Concen: 42.240 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampled :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	45257		
51	50.9	29.1	69.1	
105	55.7	39.4	79.4	

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

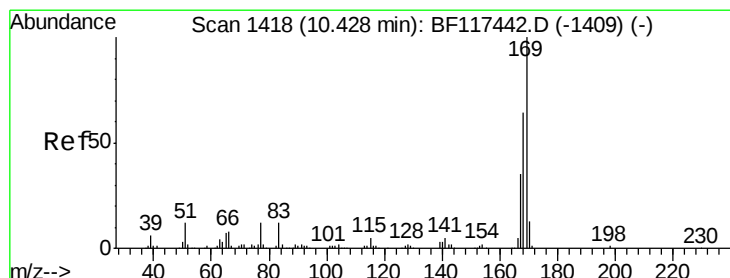
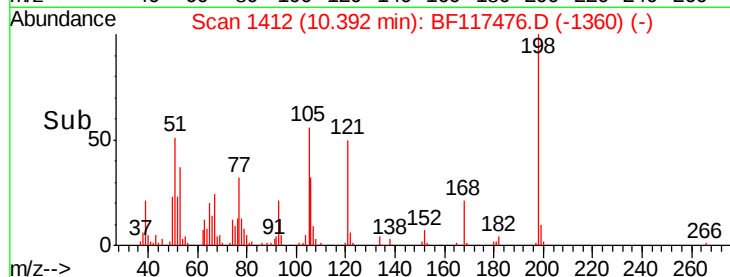
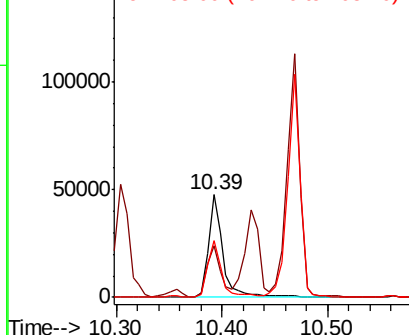


Abundance

Ion 198.00 (197.70 to 198.70): E

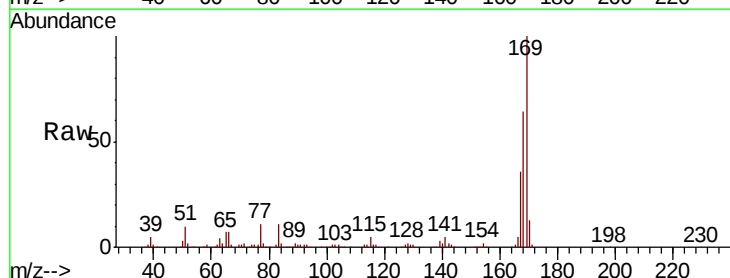
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 38.867 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	299426		
168	64.2	51.3	76.9	
167	36.1	28.2	42.4	

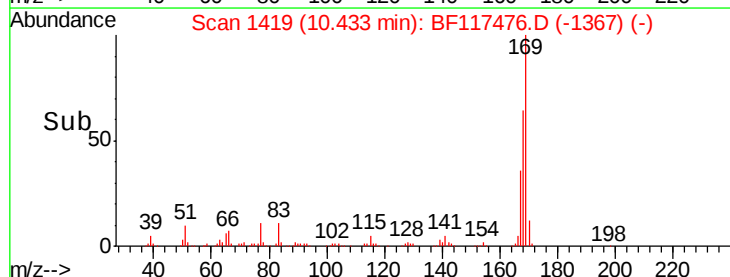
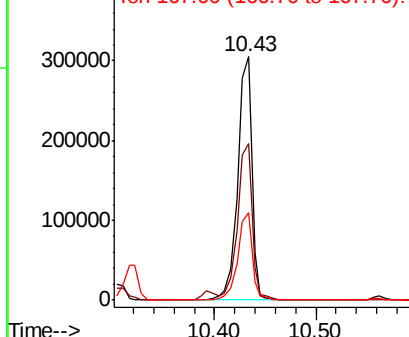


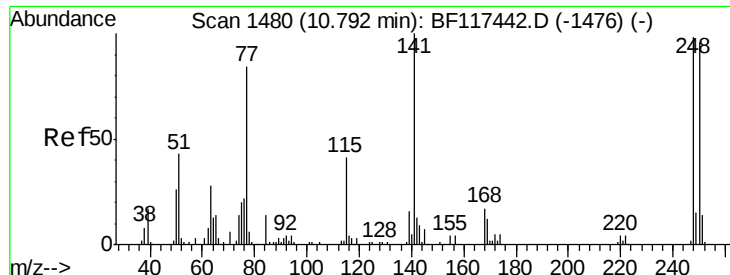
Abundance

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





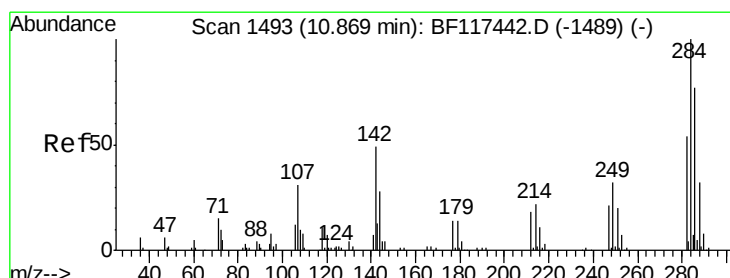
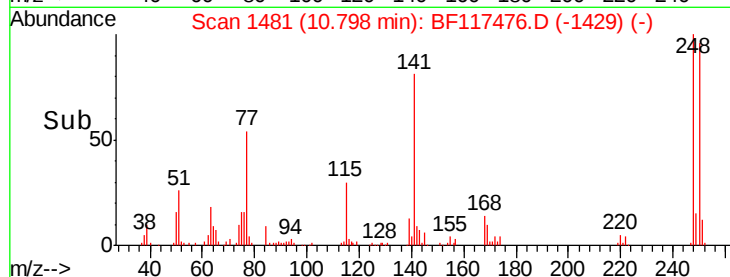
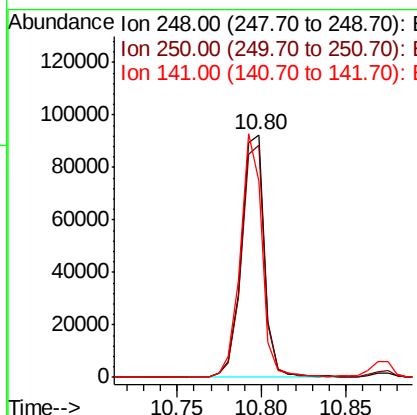
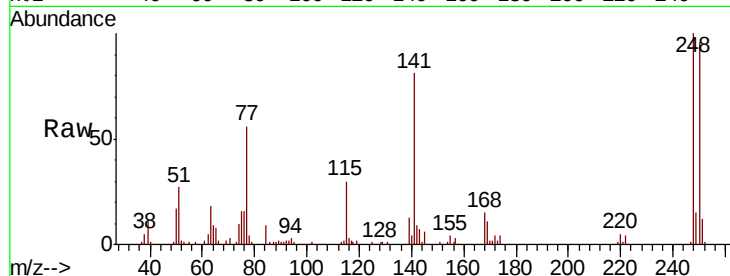
#67
 4-Bromophenyl-phenylether
 Concen: 38.754 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.0	117.0
141	80.5	81.7	122.5#

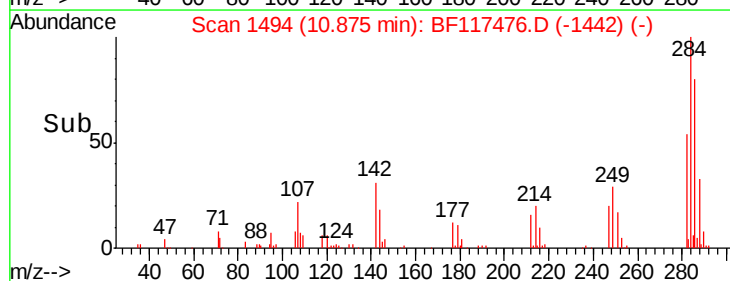
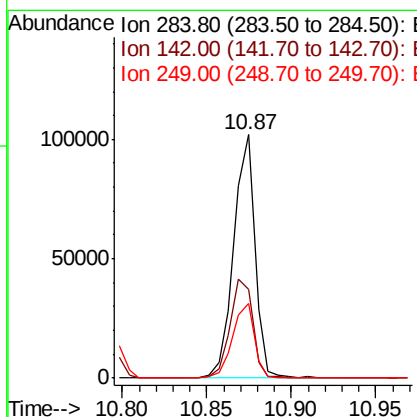
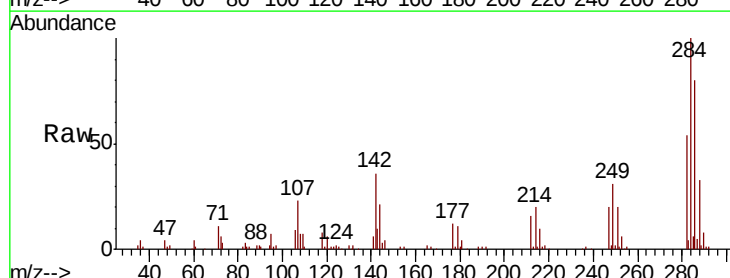
Manual Integrations
 APPROVED

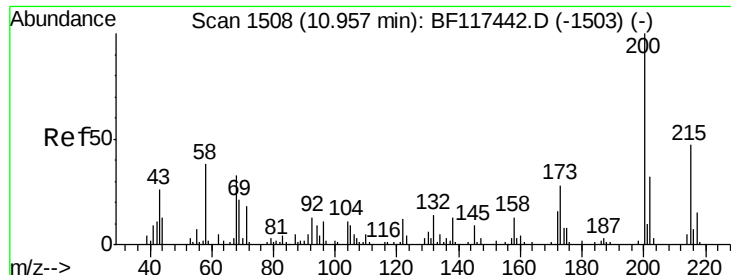
mohammad
 10/23/2019 8:06:01 AM



#68
 Hexachlorobenzene
 Concen: 36.697 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	39.0	58.6#
249	30.9	25.7	38.5





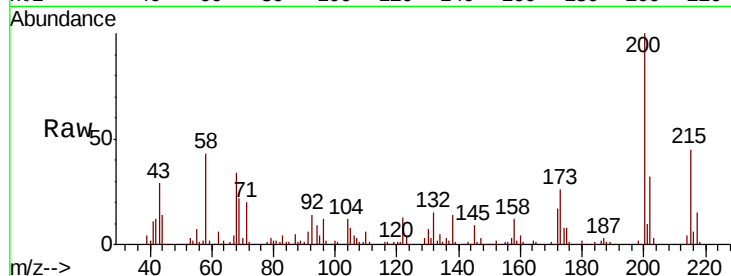
#69
Atrazine
Concen: 46.687 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampled :
PB124094BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.2	48.2
215	45.0	26.8	66.8

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

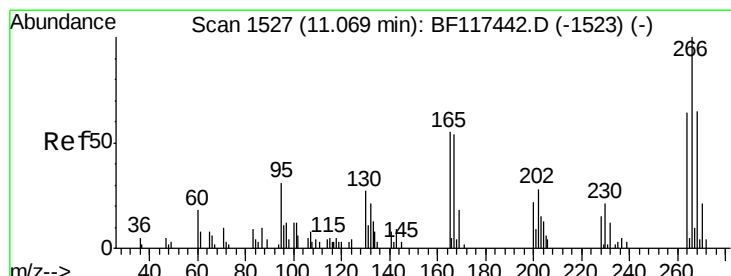
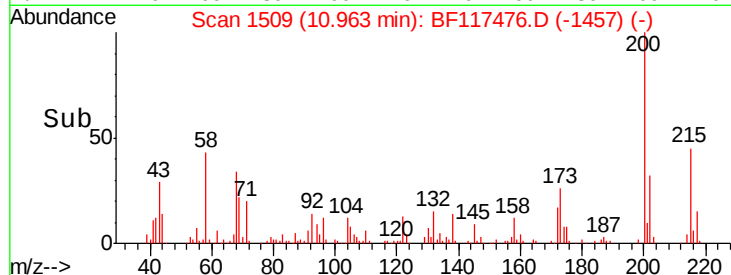
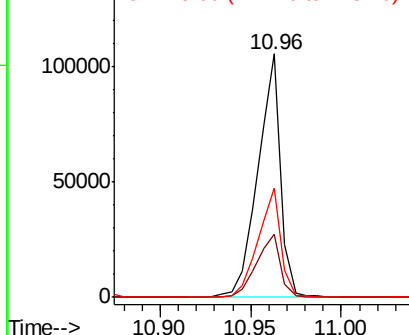


Abundance

Ion 200.00 (199.70 to 200.70): E

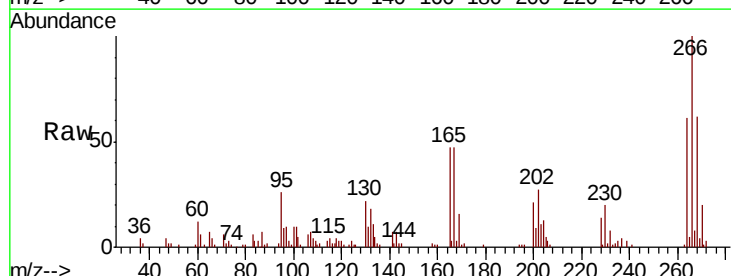
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 101.493 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.6	77.4
264	61.0	51.4	77.2

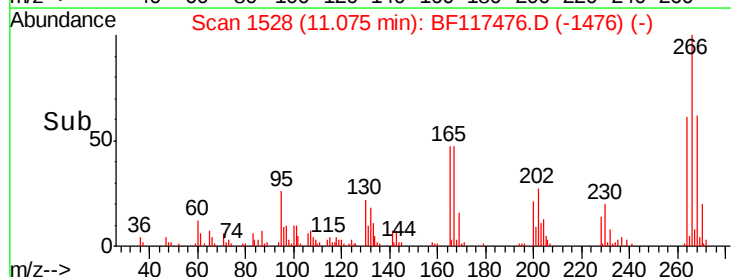
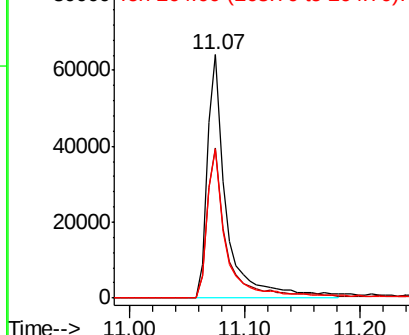


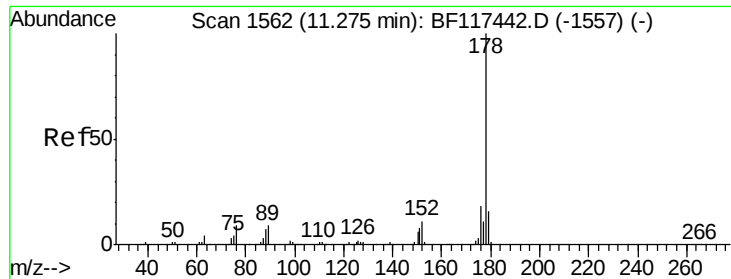
Abundance

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





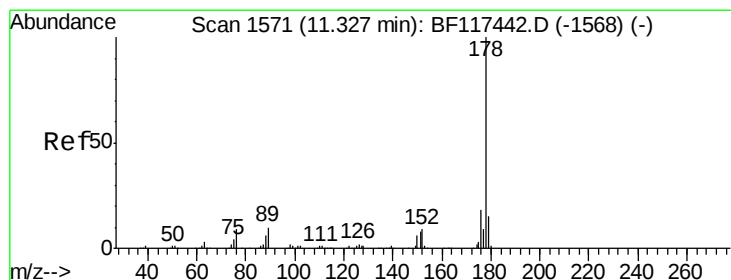
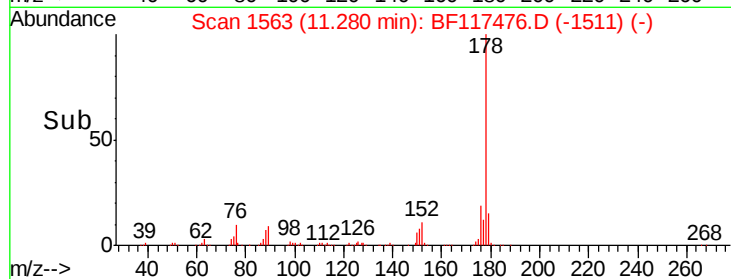
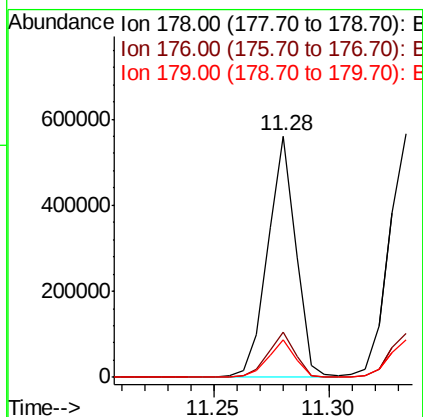
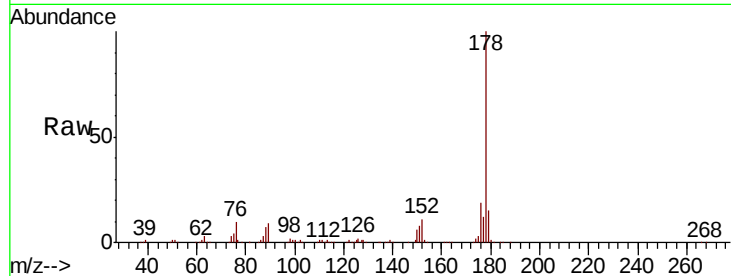
#71
Phenanthrene
Concen: 38.787 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.5	12.6	19.0

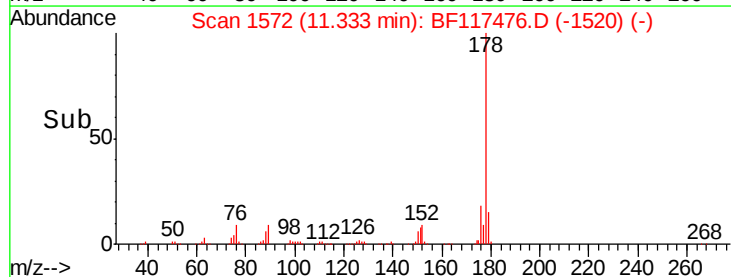
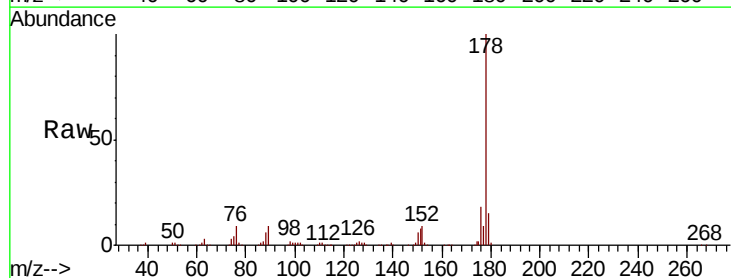
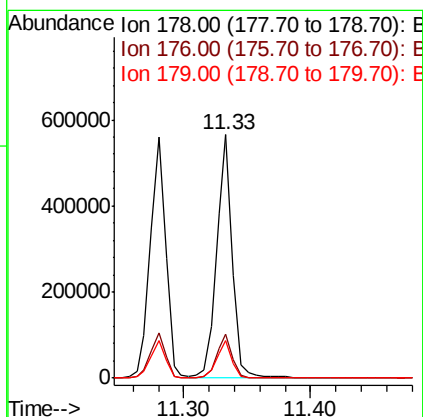
Manual Integrations
APPROVED

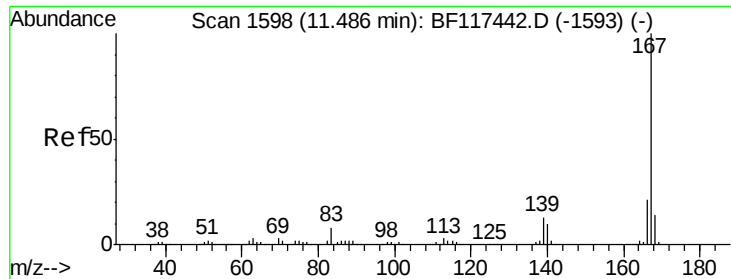
mohammad
10/23/2019 8:06:01 AM



#72
Anthracene
Concen: 39.279 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.5	12.2	18.2





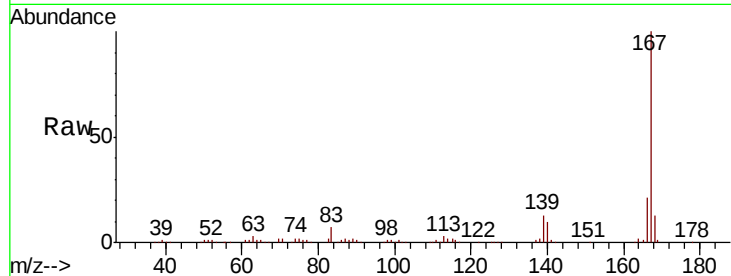
#73
 Carbazole
 Concen: 39.244 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.9	10.6	16.0

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:06:01 AM

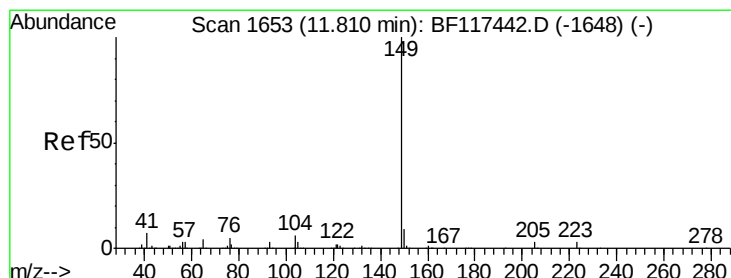
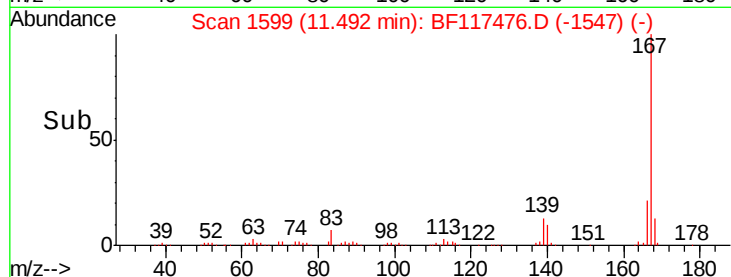
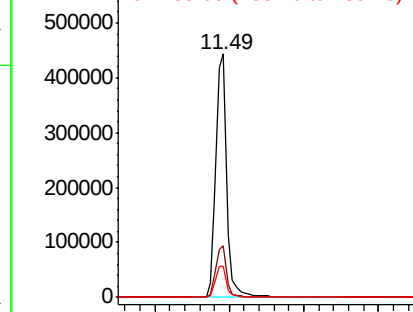


Abundance

Ion 167.00 (166.70 to 167.70): E

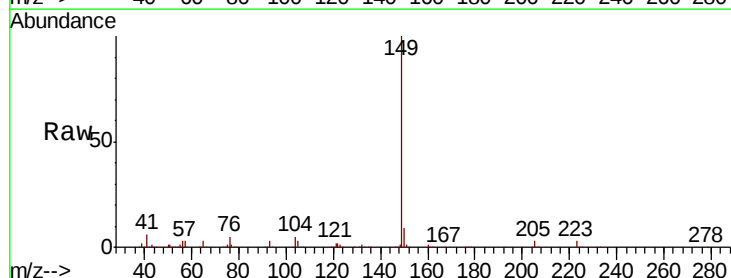
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.179 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	5.0	4.6	6.8

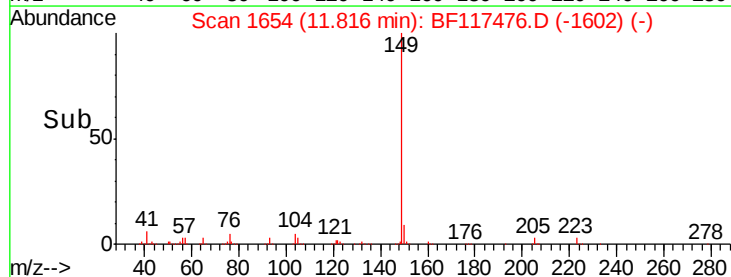
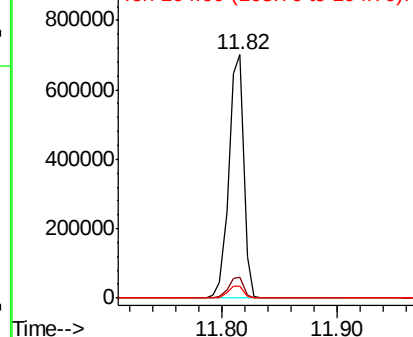


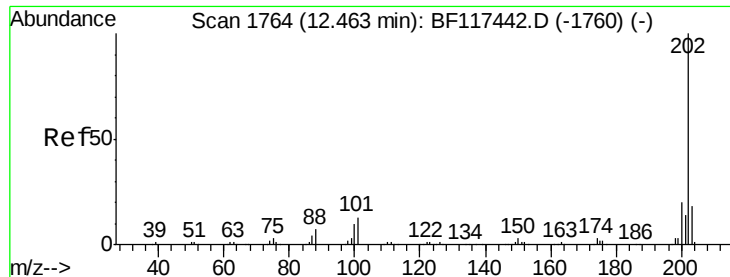
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.955 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

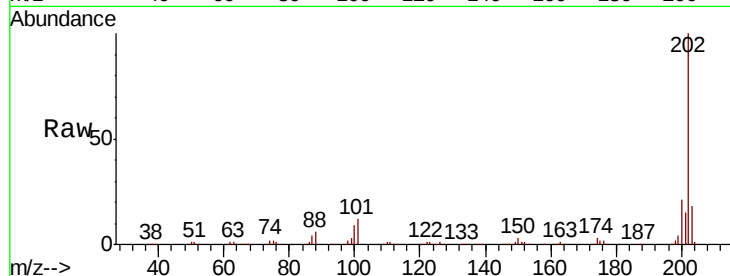
ClientSampleId :

PB124094BS

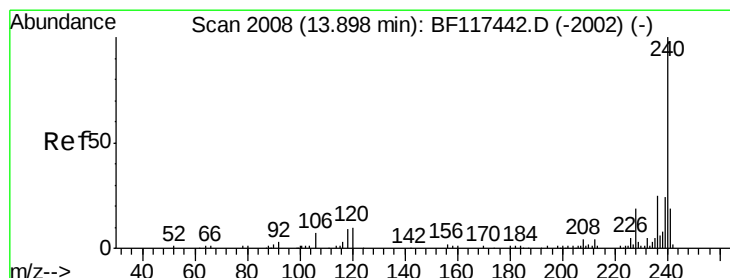
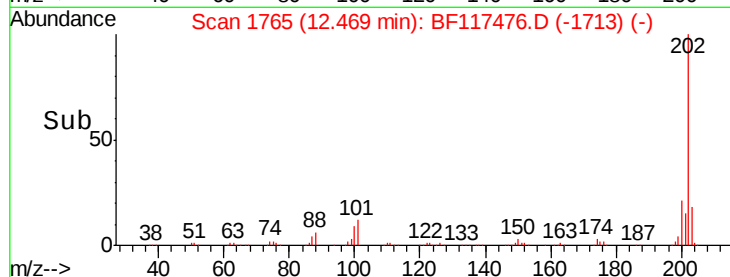
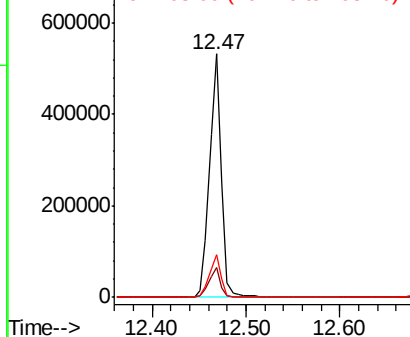
Tot Ion	Ratio	Resp	Lower	Upper
202	100	477183		
101	12.1	0.0	32.7	
203	17.8	0.0	37.6	

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

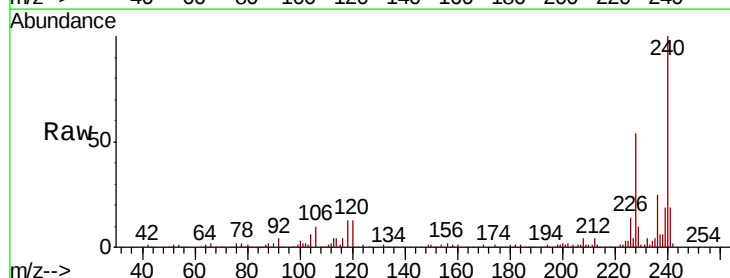
RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

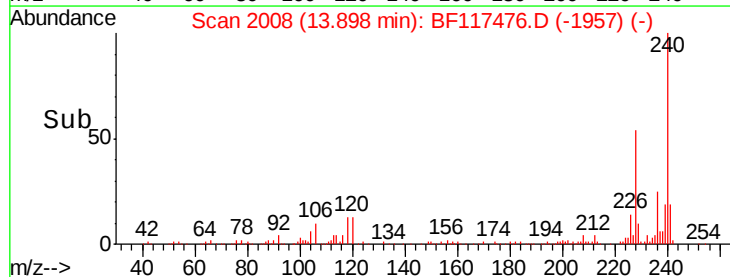
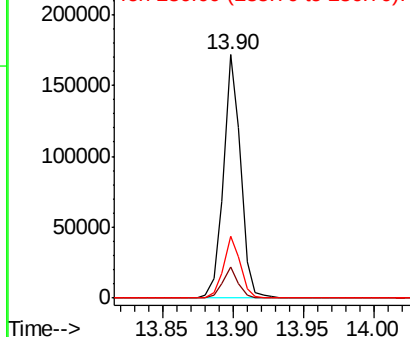
Lab File: BF117476.D

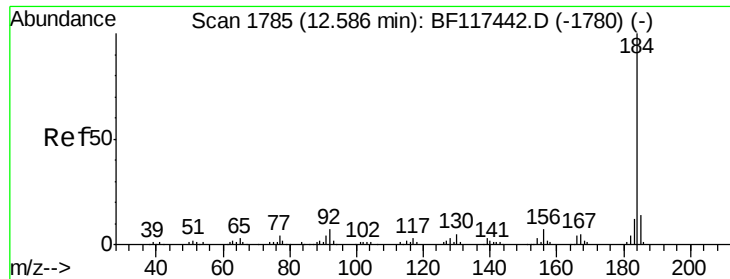
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	144543		
120	13.0	8.4	12.6#	
236	25.4	20.0	30.0	



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





#77

Benzidine

Concen: 16.263 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB124094BS

Tot Ion:184 Resp: 82815

Ion Ratio Lower Upper

184 100

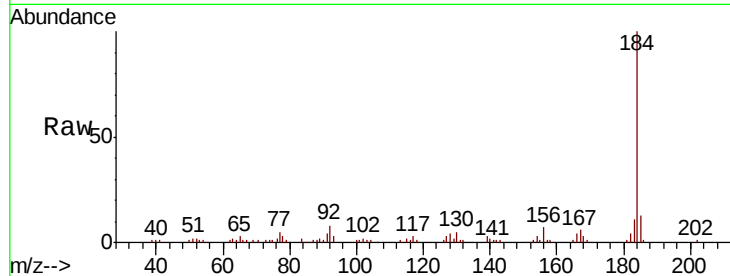
185 13.1 11.4 17.0

183 10.9 9.6 14.4

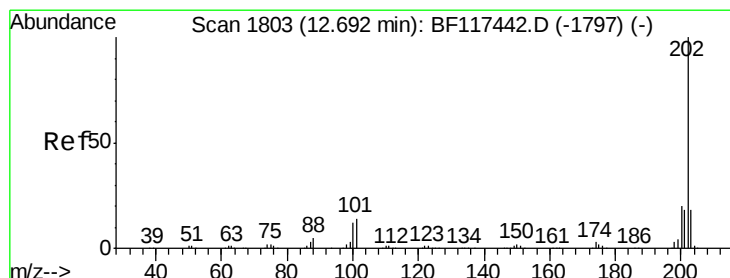
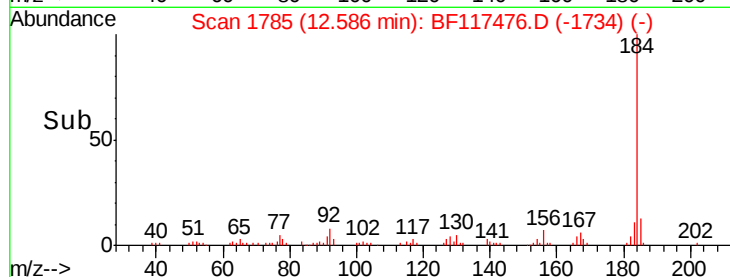
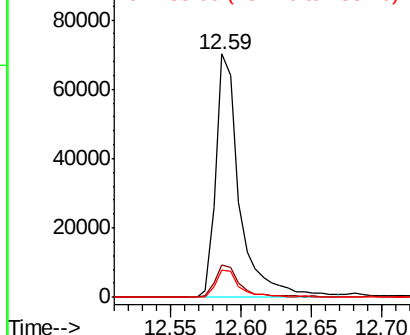
Manual Integrations
APPROVED

mohammad

10/23/2019 8:06:01 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: 38.432 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117476.D

Acq: 22 Oct 2019 14:13

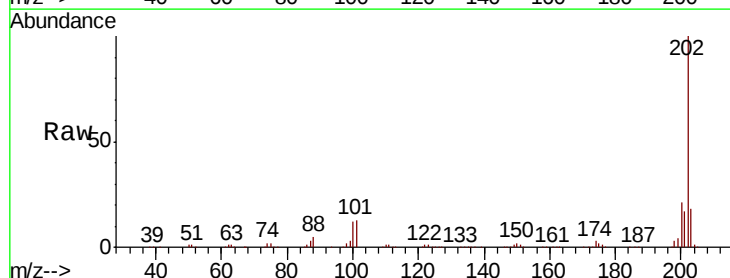
Tgt Ion:202 Resp: 477157

Ion Ratio Lower Upper

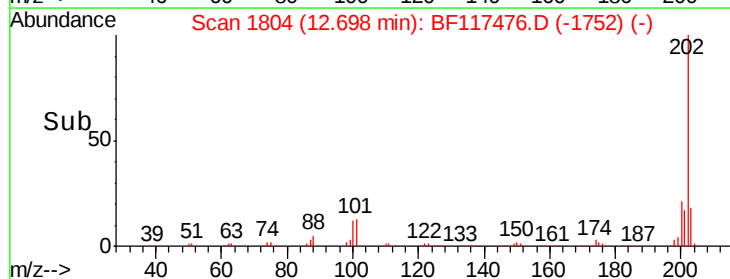
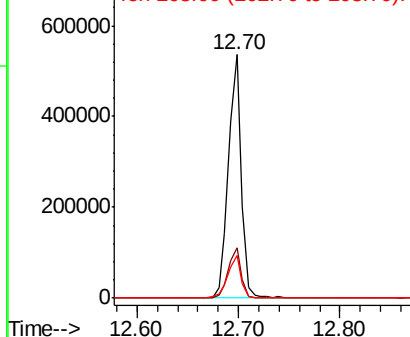
202 100

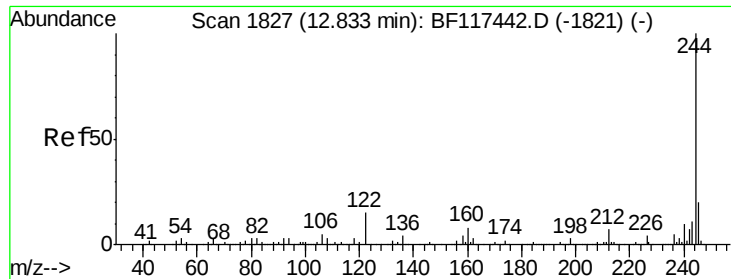
200 20.6 16.2 24.2

203 17.5 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





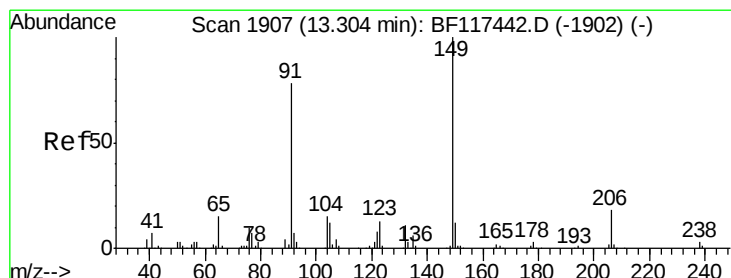
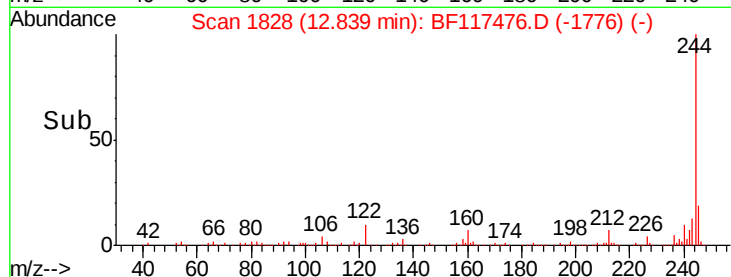
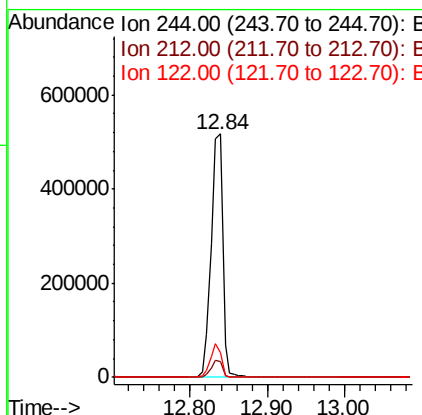
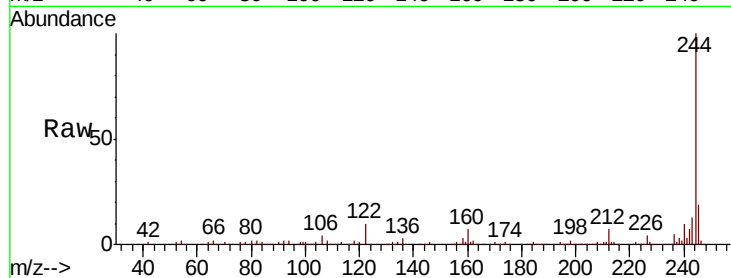
#79
 Terphenyl-d14
 Concen: 60.293 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	10.4	11.8	17.8

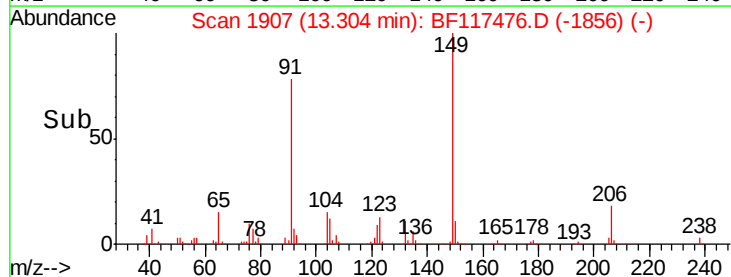
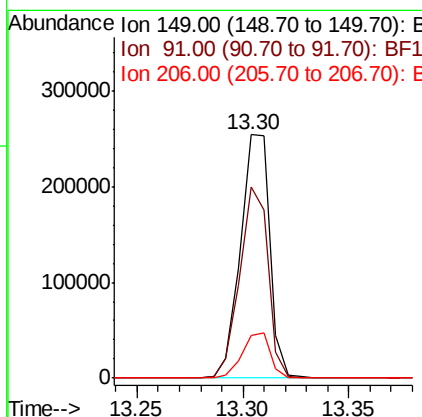
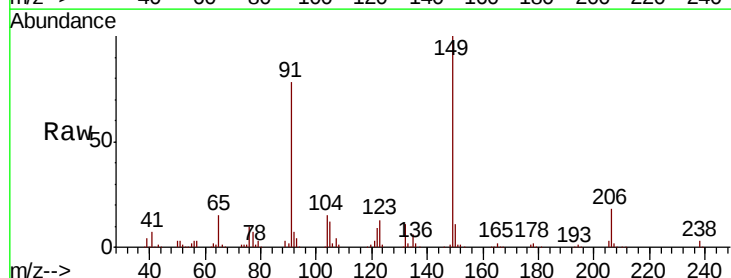
Manual Integrations
 APPROVED

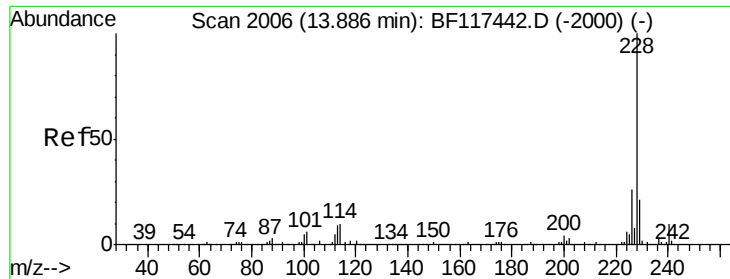
mohammad
 10/23/2019 8:06:01 AM



#80
 Butylbenzylphthalate
 Concen: 39.707 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.5	62.1	93.1
206	17.6	14.3	21.5





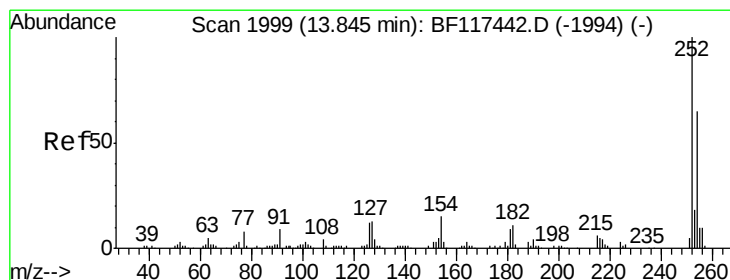
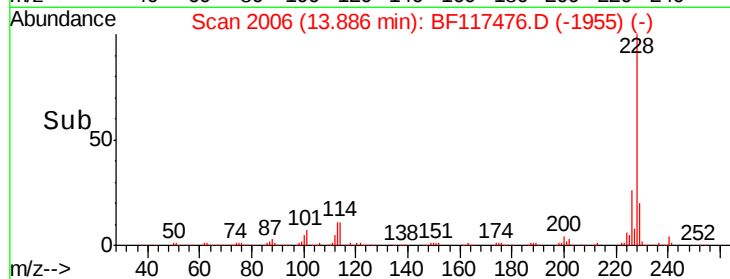
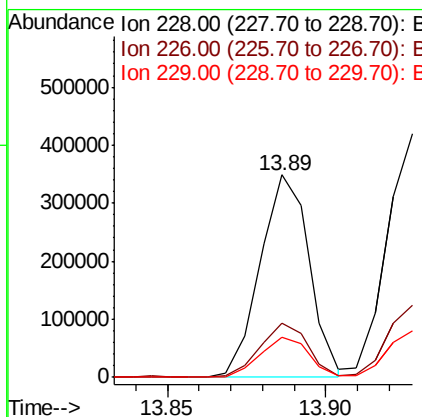
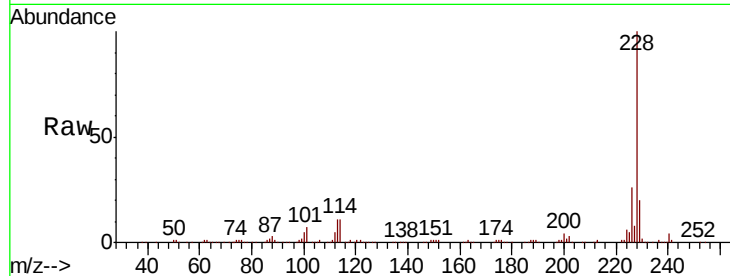
#81
Benzo(a)anthracene
Concen: 38.235 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.0	31.4
229	20.0	16.4	24.6

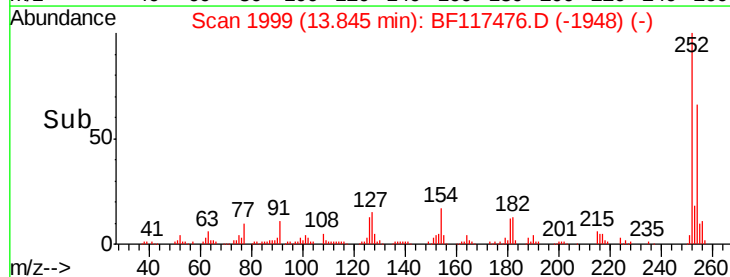
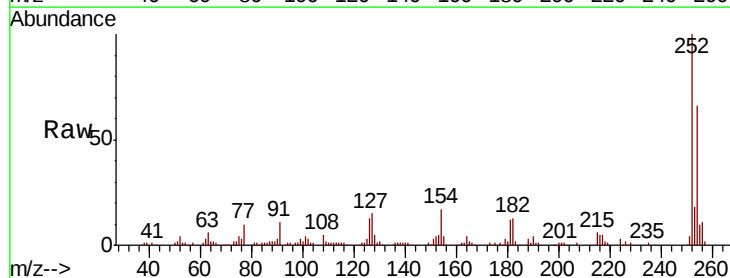
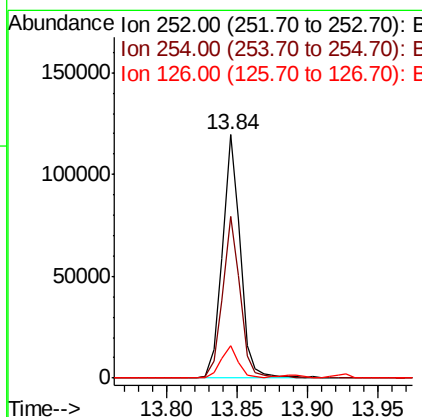
Manual Integrations
APPROVED

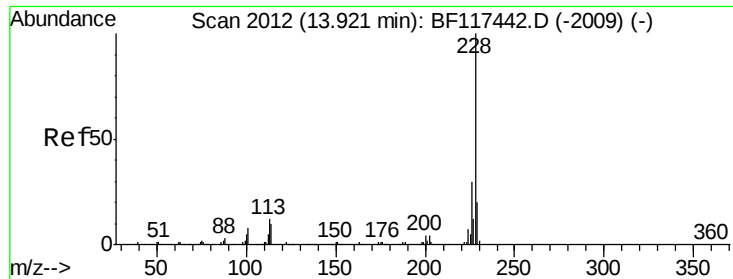
mohammad
10/23/2019 8:06:01 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.522 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.2	78.4
126	13.2	9.2	13.8





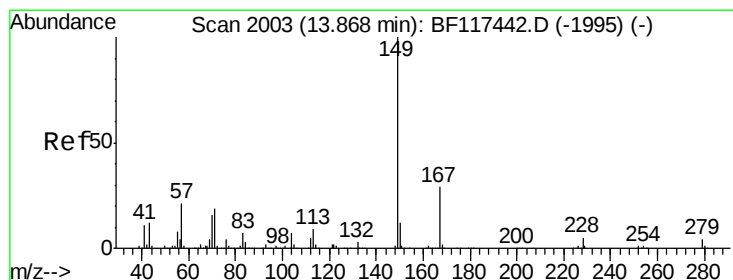
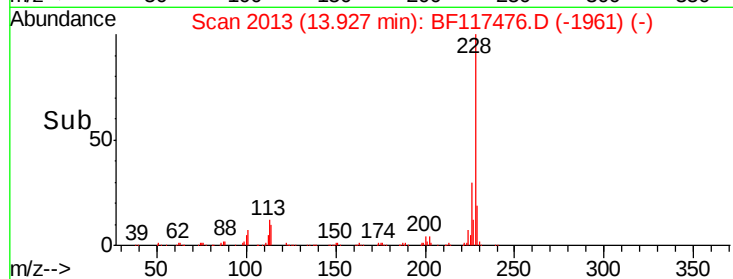
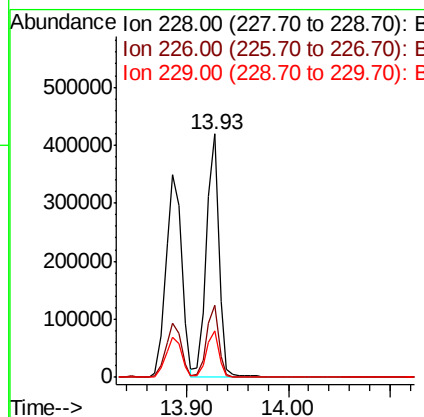
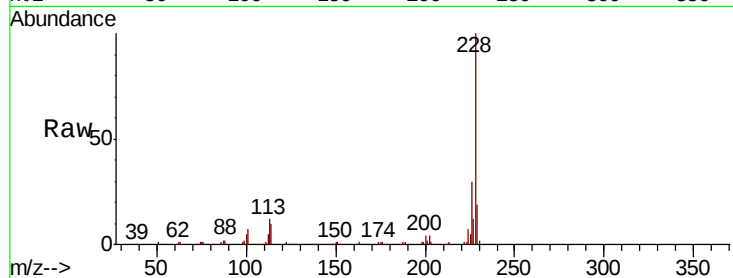
#83
 Chrvsene
 Concen: 38.209 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB124094BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.3	15.8	23.6

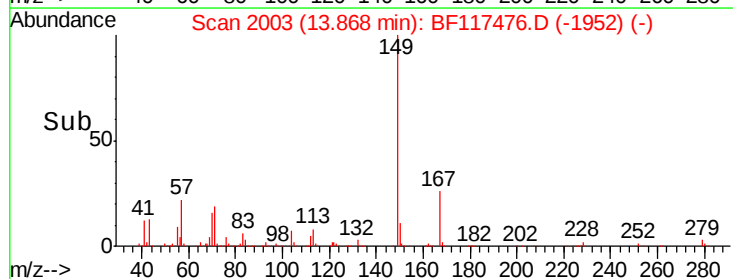
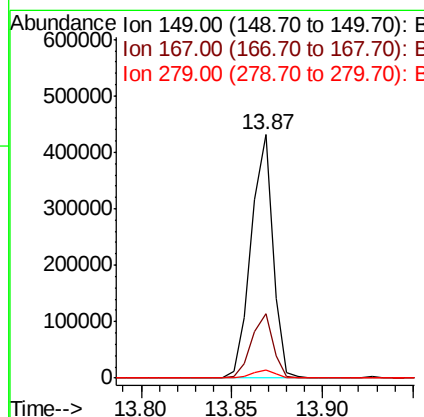
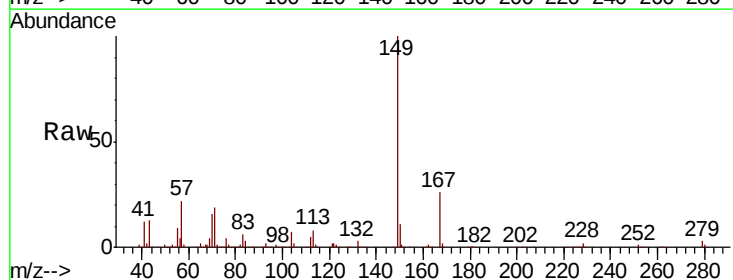
Manual Integrations
 APPROVED

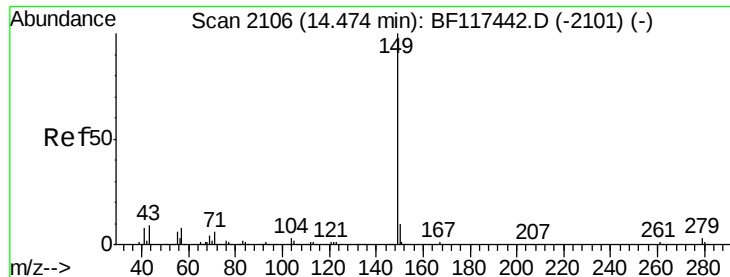
mohammad
 10/23/2019 8:06:01 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.902 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF117476.D
 Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.3	34.9
279	3.2	3.2	4.8#





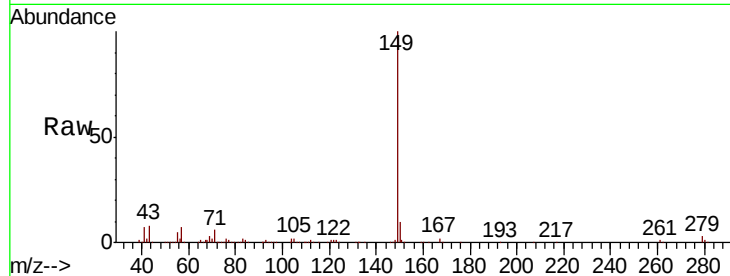
#85
Di-n-octyl phthalate
Concen: 42.868 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	570415		
167	1.5		1.2	1.8
43	8.5		6.8	10.2

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

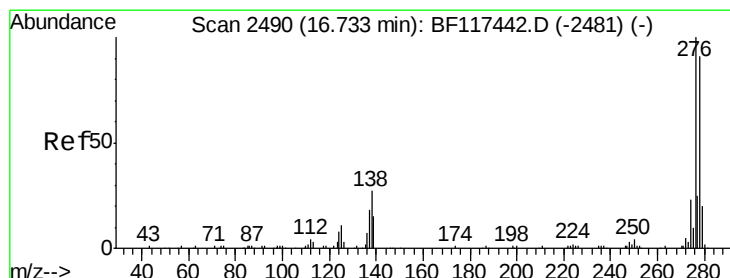
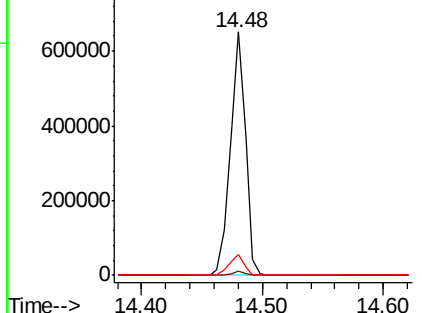
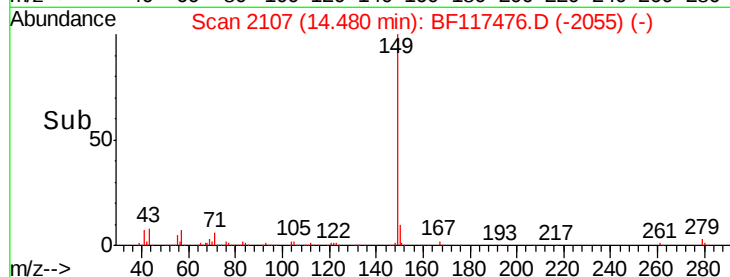


Abundance

Ion 149.00 (148.70 to 149.70): E

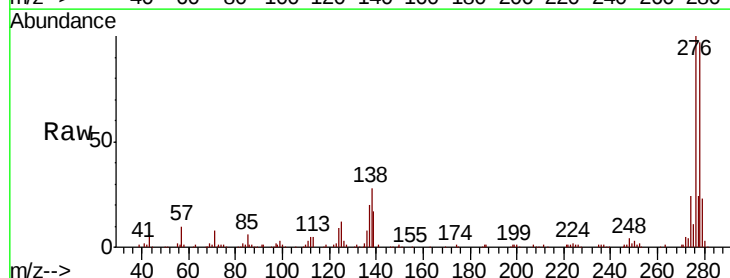
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.651 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	232945		
138	27.4		21.8	32.8
277	24.4		20.0	30.0

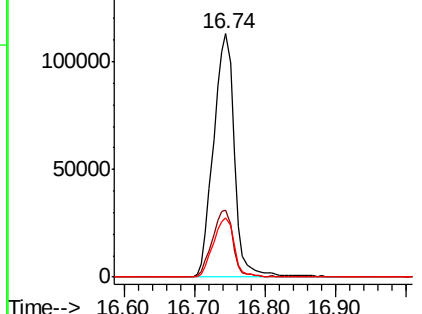
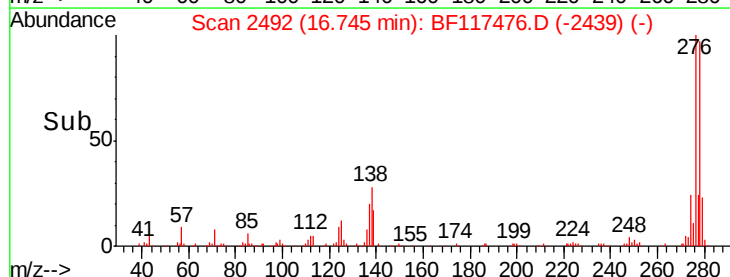


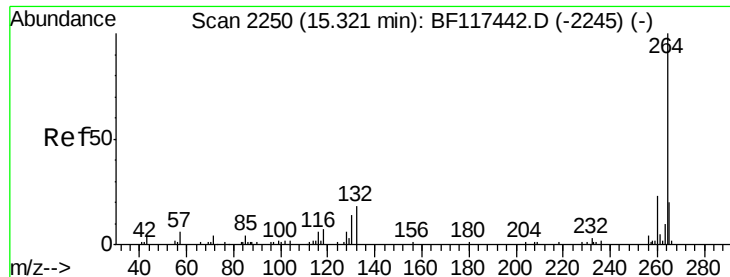
Abundance

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





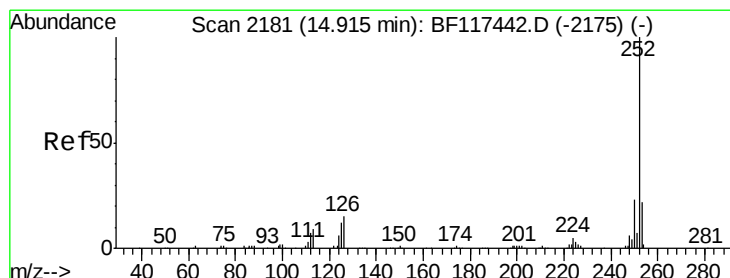
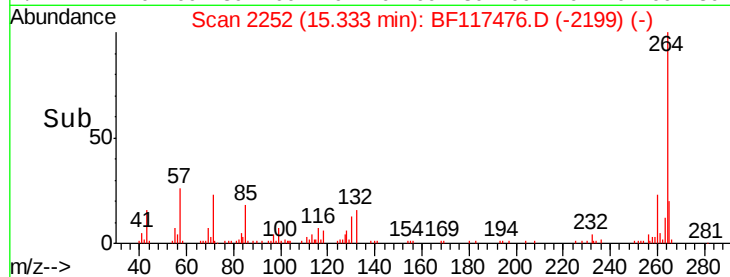
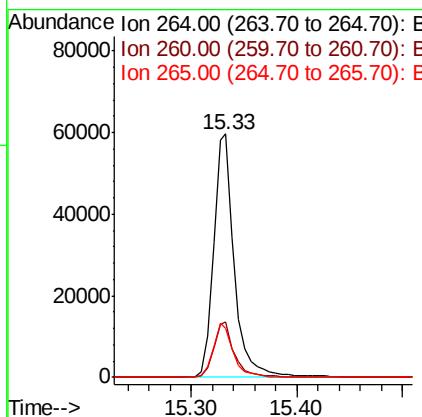
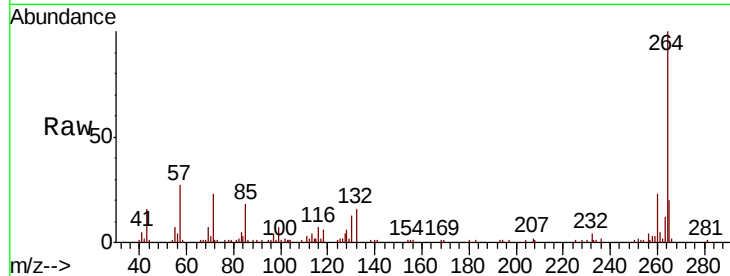
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	22.9	18.4	27.6		
265	20.3	16.1	24.1		

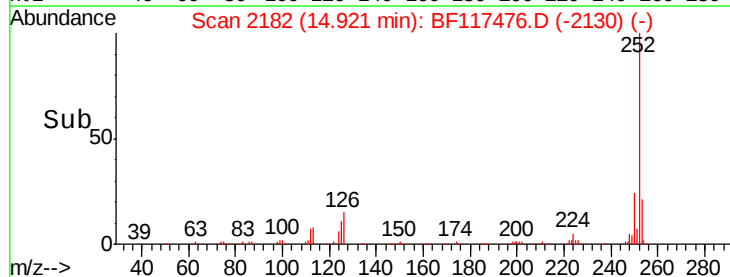
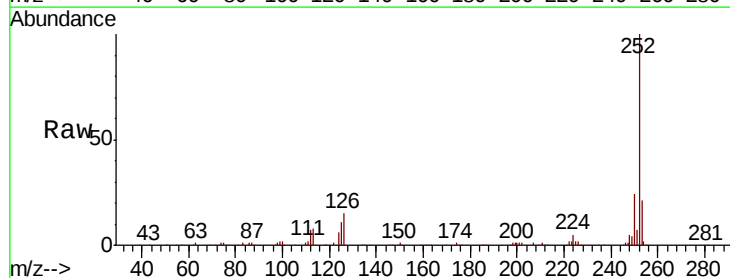
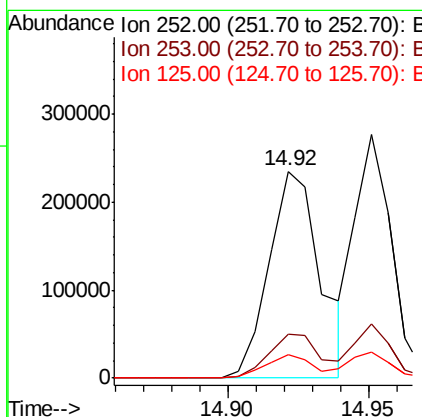
Manual Integrations
APPROVED

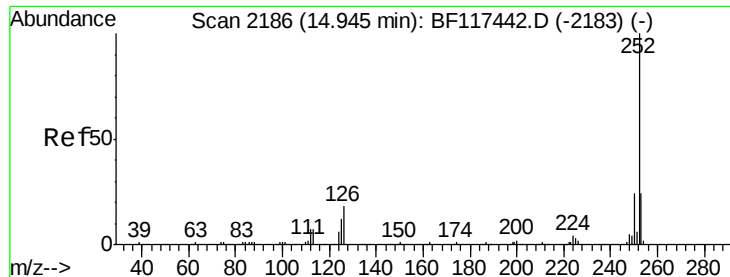
mohammad
10/23/2019 8:06:01 AM



#88
Benzo(b)fluoranthene
Concen: 61.677 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	21.3	17.8	26.6		
125	11.5	9.9	14.9		





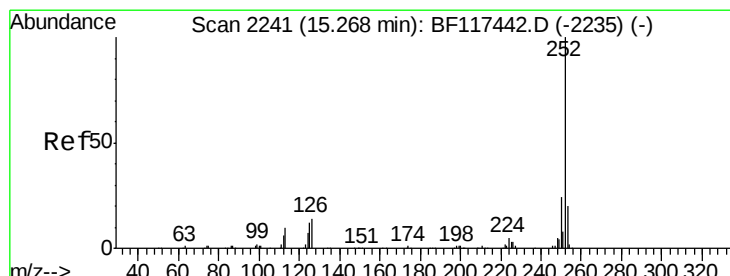
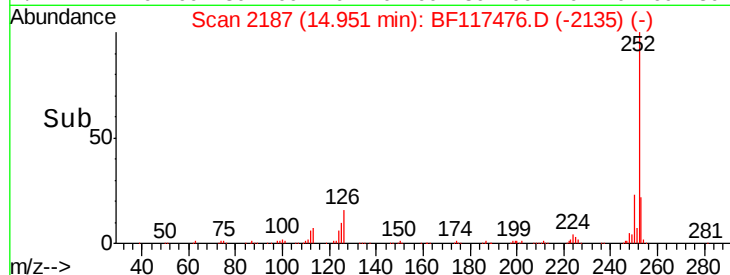
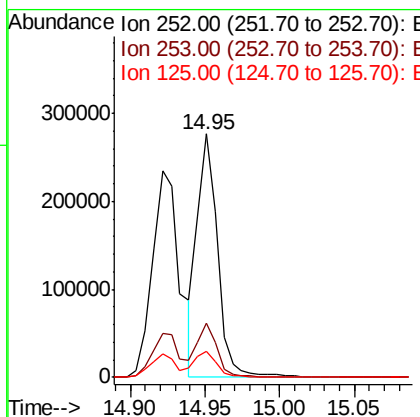
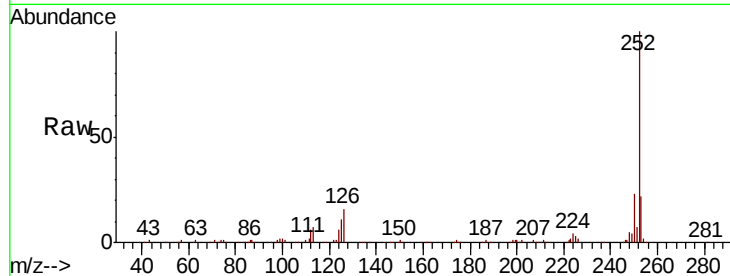
#89
Benzo(k)fluoranthene
Concen: 52.005 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB124094BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	257341		
253	22.1	18.0	27.0	
125	10.6	8.9	13.3	

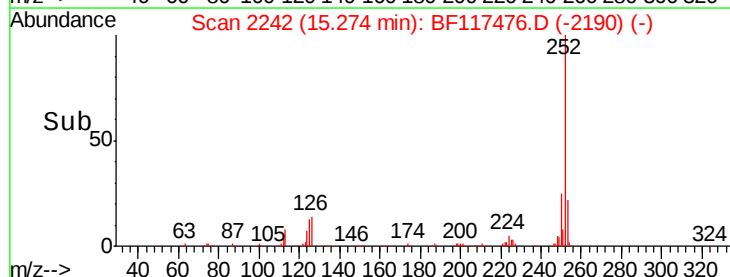
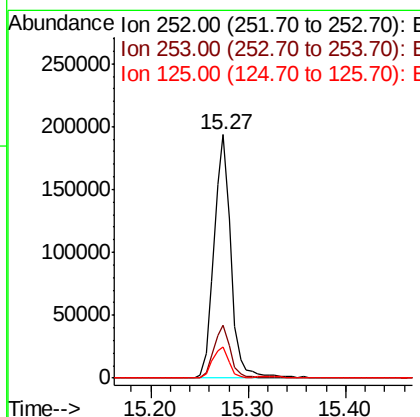
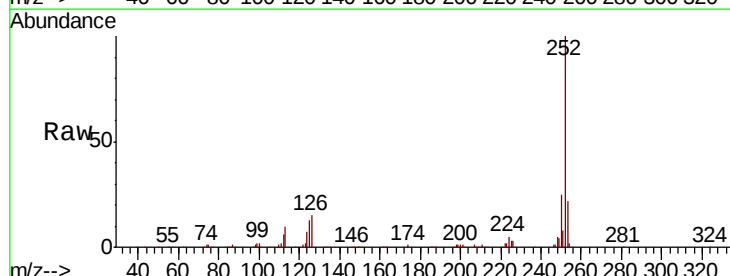
Manual Integrations
APPROVED

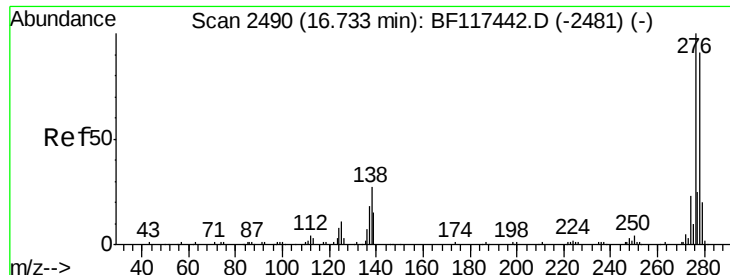
mohammad
10/23/2019 8:06:01 AM



#90
Benzo(a)pyrene
Concen: 53.002 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	232661		
253	21.8	16.3	24.5	
125	13.0	9.2	13.8	





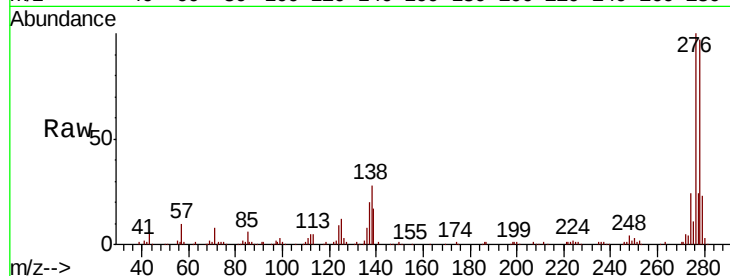
#91
Dibenzo(a,h)anthracene
Concen: 51.852 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Instrument :
BNA_F
ClientSampled :
PB124094BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.4	20.0
279	24.3	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/23/2019 8:06:01 AM

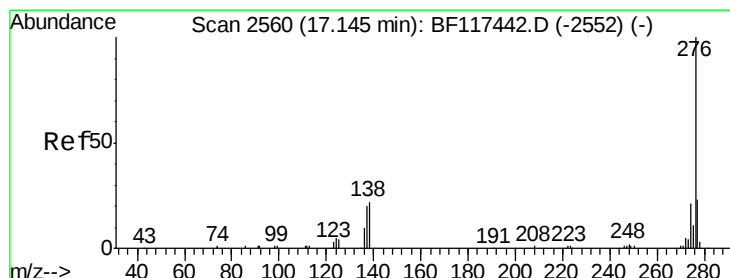
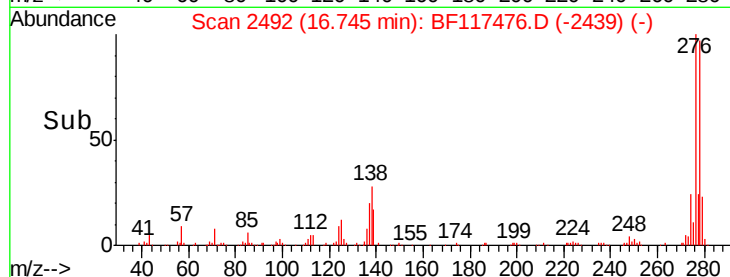
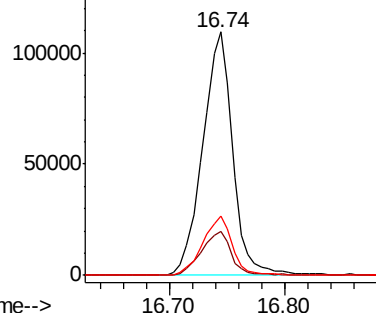


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.723 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF117476.D
Acq: 22 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	22.6	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

